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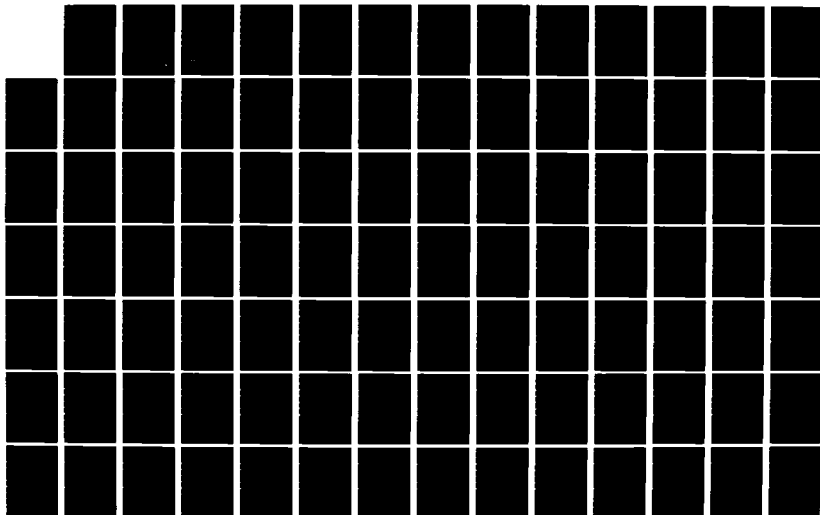
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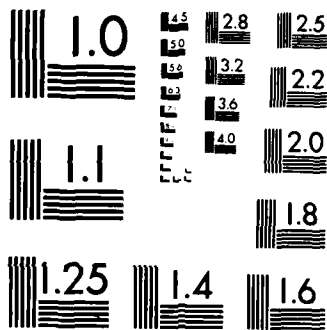
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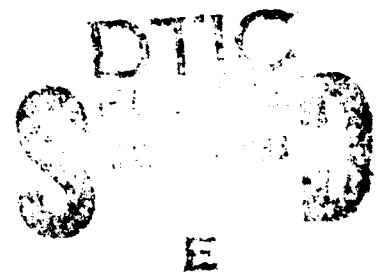
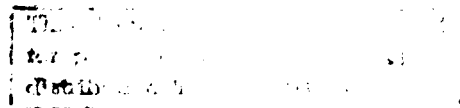
Loads and Performance Data From a Wind-Tunnel Test of Model Articulated Helicopter Rotors With Two Different Blade Torsional Stiffnesses

William T. Yeager, Jr.,
and Wayne R. Mantay

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SUMMARY

An investigation was conducted in the Langley Transonic Dynamics Tunnel to evaluate a passive means of tailoring helicopter rotor blades to improve performance and reduce loads. The parameters investigated were blade torsional stiffness, blade section camber, and distance between blade structural elastic axis and blade-tip aerodynamic center. This offset was accomplished by sweeping the tip. The investigation was conducted at advance ratios of 0.20, 0.30, and 0.40. Data are presented without analysis; however, cross-referencing of performance data and harmonic-loads data may be useful to the analyst for validating aeroelastic theories and design methodologies as well as for evaluating passive aeroelastic tailoring of rotor blade parameters.

INTRODUCTION

During high-speed helicopter flight, rotor operating limitations often result from unfavorable spanwise and azimuthal air-load distributions. As forward speed of the helicopter increases, the rotor disk is asymmetrically loaded because of differences in relative velocity encountered around the azimuth by the blades. Blade sections on the advancing side of the disk undergo compressibility effects, whereas blade sections on the retreating side of the disk may undergo stall effects. To increase forward-flight efficiency while maintaining hover efficiency, designers have built in blade twist, used advanced airfoil sections, and changed solidity to improve overall rotor air-load distribution. These efforts have resulted in compromises that affect hover and forward-flight performance. For example, large amounts of twist applied to increase hover efficiency can result in limitations on forward flight such as high flapwise stresses on blades (ref. 1).

In an attempt to avoid restrictions of fixed-geometry blades, conformable-rotor concepts have been considered. Initially, these rotors were designed with active control mechanisms (refs. 1 to 3) in an attempt to tailor the rotor for increased performance or reduced loads in all flight regimes. The active control systems, however, tend to be complex, costly, and unreliable. To avoid these limitations, passive means of tailoring the rotor blades have been investigated (refs. 4 to 7). These passive rotor concepts are usually designed to allow the blade to adapt to an operating condition by means of favorable dynamic twist, thereby improving performance and reducing loads.

An investigation was conducted in the Langley Transonic Dynamics Tunnel to evaluate a passive means of tailoring rotor blades to improve performance and reduce loads. The parameters investigated were blade torsional stiffness, blade section camber, and distance between the blade structural elastic axis and the blade-tip aerodynamic center. This offset was accomplished by sweeping the tip. Configurations involving blades with reduced torsional stiffness are referred to in this report as aeroelastically conformable rotors (ACR). The investigation was conducted at advance ratios of 0.20, 0.30, and 0.40. Data are presented without analysis.

SYMBOLS

The positive directions of forces, angles, and velocities are shown in figure 1. The symbols in parentheses are used in the computer-generated data tables.

A_n	(AMP)	amplitude of nth harmonic of blade or pitch link load, in-lb or lb
A_0	(MEAN)	mean value of Fourier analysis of blade or pitch link load, in-lb or lb
A_1	(A1)	rotor first-harmonic lateral cyclic pitch angle, deg
a		speed of sound, ft/sec
B_1	(B1)	rotor first-harmonic longitudinal cyclic pitch angle, deg
b		number of blades
C_D	(CD)	rotor drag coefficient, $\frac{D}{\rho\pi R^2 (\Omega R)^2}$
C_L	(CL)	rotor lift coefficient, $\frac{L}{\rho\pi R^2 (\Omega R)^2}$
C_Q	(CQ)	rotor torque coefficient, $\frac{Q}{\rho\pi R^3 (\Omega R)^2}$
c		nominal blade chord, 3.625 in.
D		rotor drag, lb
L		rotor lift, lb
M_T		rotor tip Mach number, $\frac{\Omega R}{a}$
Q		rotor shaft torque, in-lb
R		rotor radius, 58.8 in.
	(RPM)	rotor rotational velocity, revolutions per minute
r		spanwise distance along blade radius measured from center of rotation, in.
V		free-stream velocity, ft/sec
α_s	(ALPHA)	rotor shaft angle of attack, deg
θ	(THETA)	rotor blade collective pitch angle at 0.75R, deg
θ_1		twist angle built into rotor blade, positive for nose-up, deg
μ		rotor advance ratio, $\frac{V}{\Omega R}$

ρ		test-medium mass density, slugs/ft ³
σ	(SIGMA)	rotor solidity, $\frac{bc}{\pi R} = 0.0785$
ϕ_n	(PHASE)	phase angle of nth harmonic of blade or pitch link load, deg
ψ		rotor blade azimuth angle, deg
Ω		rotor rotational velocity, rad/sec
ω		natural frequency of rotating blade mode, rad/sec

APPARATUS AND PROCEDURES

Wind Tunnel

The experiment was conducted in the Langley Transonic Dynamics Tunnel (TDT). A schematic of the TDT is shown in figure 2. The TDT is a continuous-flow tunnel with a slotted test section and is capable of operation up to Mach 1.2 at stagnation pressures up to 1 atm. The tunnel test section is 16 ft square with cropped corners and has a cross-sectional area of 248 ft². Either air or Freon 12¹ may be used as a test medium. For this investigation, Freon 12 at a nominal density of 0.006 slug/ft³ was used as the test medium. Because of its high density and low speed of sound, the use of Freon 12 aids the matching of model-rotor-scale Reynolds number and Mach number to full-scale values. Furthermore, some restrictions on model structural design are eased, and dynamic similarity is still maintained. The heavier test medium permits a simplified structural design to obtain the required stiffness characteristics, and thus eases design and fabrication requirements of the model (ref. 8).

Model Description

The rotor model used in this investigation was a 0.182-scale, four-bladed, articulated rotor with coincident lead-lag and flapping hinges. The hub operated with a pitch-flap coupling ratio of 0.5 (flap up, pitch down). The attachment point of the blade pitch link was 1.4 in. aft of the blade pitch axis. The blade geometry and built-in twist distribution are shown in figure 3. The blades were designed such that changes to the tip configuration could be made at the 85-percent-radius station. Two tip configurations, a rectangular and a swept tip, were tested during this investigation. The geometry of these tips is shown in figure 4. The two sets of blades used during this investigation were Mach-scaled and differed only in torsional stiffness. The structural properties and rotating natural frequencies of the two blade sets are presented in tables I and II. Each set of blades was composed of an SC 1095 airfoil from the root cutout to 47 percent radius and from 91 percent radius to the tip. Between 48 and 90 percent radius, a cambered SC 1095-R8 airfoil was used. The regions between 47 and 48 percent radius and 90 and 91 percent radius were used to transition between the two airfoils. Between 48 and 83 percent radius, each blade was also equipped with 20 adjustable trailing-edge tabs, 6.5-percent-chord wide each, which could be used to change the local blade section camber. One blade of

¹Freon: Registered trademark of E. I. du Pont de Nemours & Co., Inc.

each set was instrumented with resistance-wire strain-gage bridges calibrated to measure blade structural moments about three axes at several blade radial stations. Flapwise (out-of-plane) moments and chordwise (in-plane) moments were measured at 25, 37, 51, and 77 percent radius, whereas torsional moments were measured at 28, 36, 50, and 75 percent radius.

The blades were tested using the aeroelastic rotor experimental system (ARES) shown in figures 5 and 6. The ARES has a streamlined helicopter fuselage shape enclosing the rotor controls and drive system. The ARES is powered by a variable frequency synchronous motor rated at 47-hp output at 12 000 rpm. The motor is connected to the rotor shaft through a belt-driven two-stage speed reduction system. The ARES rotor control system and rotor shaft angle of attack are remotely controlled from the wind-tunnel control room. The model rotor shaft angle of attack is varied by an electrically controlled hydraulic actuator. Blade collective pitch and lateral and longitudinal cyclic pitch are input to the rotor through the swashplate. The swashplate is moved by three hydraulic actuators.

Instrumentation on the ARES allows continuous displays of model control settings, rotor forces and moments, blade loads, and pitch link loads. The ARES rotor shaft pitch attitude is measured by an accelerometer, and rotor control positions are measured by linear potentiometers connected to the swashplate. Rotor blade flapping and lagging are measured by rotary potentiometers mounted on the rotor hub and geared to the blade cuff. Rotor shaft speed is determined by a magnetic sensor. The rotating blade data are transferred through a 30-channel slip-ring assembly. Rotor forces and moments are measured by a six-component strain-gage balance mounted below the pylon and drive system. The balance is fixed with respect to the rotor shaft and pitches with the fuselage. Fuselage forces and moments are not sensed by the balance.

Test Procedure

At each test point, the rotor rotational speed and tunnel conditions were adjusted to give the desired values of tip Mach number and advance ratio. The model was then pitched to the desired shaft angle of attack. Blade collective pitch was changed to obtain variations in rotor lift. At each collective pitch setting, the cyclic pitch was used to remove rotor first-harmonic flapping with respect to the rotor shaft. Data were then recorded at each value of collective pitch. The maximum value of collective pitch attained at each shaft angle of attack was determined in most cases by either blade load limits or ARES drive system limits. Rotor aerodynamic performance and blade loads were measured at advance ratios of 0.20, 0.30, and 0.40 for shaft angles of attack from 5° to -15° and a rotational tip Mach number of 0.65. Data were also obtained at advance ratios of 0.30 and 0.40 for rotational tip Mach numbers of 0.62 and 0.68.

Model deadweight tares were determined throughout the range of shaft angles of attack with the blades on and with them removed. Aerodynamic rotor hub tares were determined with the blades removed throughout the ranges of shaft angles of attack and advance ratios investigated. Both deadweight and aerodynamic hub tares have been removed from the data presented herein.

PRESENTATION OF RESULTS

The rotor performance and loads data obtained during this investigation are presented in both figures and tables. Rotor performance is presented as plots of C_L/σ versus C_D/σ and C_L/σ versus C_Q/σ for each combination of advance ratio μ and rotor tip Mach number M_T for each rotor configuration. These rotor performance parameters (CL/SIGMA, CD/SIGMA, and CQ/SIGMA) are also presented in tabular form along with the corresponding rotor control angles A_1 , B_1 , and θ (A_1 , B_1 , and THETA). Each plotted and tabulated data point is identified by a specific test run number and point number. For example, point 213 of run 9 is indicated as 9.213 in the plots. The rotor loads data are presented in tabular form for each combination of μ and M_T for each rotor configuration and consist of the mean (MEAN), oscillatory (1/2 peak to peak (1/2 P-P)), and first eight harmonics (1P to 8P) of a Fourier analysis of the instrumented blade strain-gage signals. Pitch link loads are also presented. The loads data, like the performance data, are identified by a specific test run number and point number. This allows cross-referencing of loads and performance data. The amplitudes (AMP) of the blade flapwise, chordwise, and torsion loads are presented in inch-pounds, and the amplitude of the pitch link loads is presented in pounds. The amplitudes of all phase angles (PHASE) are presented in degrees referenced in the direction of rotor rotation from 0° over the tail of the model. The sign conventions for the blade loads data are as follows: flapwise up, positive; chordwise aft, positive; torsion blade nose-up, positive; and pitch link load for a tension load, positive. The total blade load or pitch link load at any azimuth location may be reconstructed from the tabulated harmonics by using the following equation:

$$\text{Load} = A_0 + \sum_{n=1}^8 A_n \sin(n\psi + \phi_n)$$

The data are presented in the following order:

	Table	Figure
Data repeatability	III-IV	7-8
ACR blade, rectangular tip, 0° tabs	V	9
ACR blade, rectangular tip, 4° tabs	VI	10
ACR blade, swept tip, 4° tabs	VII	11
Baseline blade, swept tip, 0° tabs	VIII	12

The positive direction of all tab deflections indicated is for trailing-edge up. The data presented under "data repeatability" were presented in this form to allow the reader to make a comparative assessment of the quality of the data obtained during this investigation. The data presented in figures 7 and 8 were selected as the most representative repeat data points.

CONCLUDING REMARKS

Performance and loads data are compiled for two model helicopter rotors incorporating differences in rotor structural and geometric parameters. The test measured the effects of blade torsional stiffness, blade section camber, and distance between

the blade structural elastic axis and blade-tip aerodynamic center on rotor performance and loads. The cross-referencing of performance data and harmonic-loads data may be useful to the analyst for validating rotor aeroelastic theories and design methodologies as well as for evaluating passive aeroelastic tailoring of rotor blade parameters.

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TABLE I.- PROPERTIES OF BASELINE BLADE

(a) Structural properties

Inboard station of segment, r/R	Segment length, ft	Mass, slugs	Structural stiffness, lb-ft ²			Radius of gyration of spar, ft
			Chordwise	Flapwise	Torsional	
0.117	0.167	0.011	69 397	9319.0	431.7	0.000417 ↓
.151	.417	.007	2 776	9319.0	431.7	
.236	.751	.014	2 776	74.3	88.8	
.389	.417	.008	2 568	81.3	91.7	
.474	.335	.006	↓	75.7	93.7	
.542	.915	.017	↓	81.3	94.4	
.729	.335	.006	↓	86.6	92.2	
.797	.249	.005	↓	91.7	102.1	
.850	.167	.005	694	33.4	27.1	
.884	.568	.002	347	20.8	21.5	

(b) Model rotor blade rotating natural frequencies

Model identity	ω/Ω^*
Flapwise	2.65
Flapwise	4.98
Chordwise	5.08
Torsional	7.06
Flapwise	8.17

* Ω = 68.07 rad/sec.

TABLE II.- PROPERTIES OF ACR BLADE

(a) Structural properties

Inboard station of segment, r/R	Segment length, ft	Mass, slugs	Structural stiffness, lb-ft ²			Radius of gyration of spar, ft
			Chordwise	Flapwise	Torsional	
0.117	0.167	0.011	69 397	9319.0	431.7	0.000417 ↓
.151	.417	.007	2 776	9319.0	431.7	
.236	.751	.014	2 776	75.7	85.4	
.389	.417	.008	2 568	78.4	68.0	
.474	.335	.006	↓	75.0	27.8	
.542	.915	.017	↓	71.4	23.0	
.729	.335	.006	↓	88.8	26.4	
.797	.249	.005	↓	72.1	27.8	
.850	.167	.005	694	59.8	33.4	
.884	.568	.002	347	20.8	21.5	

(b) Model rotor blade rotating natural frequencies

Model identity	ω/Ω^*
Flapwise	2.75
Torsional	4.50
Flapwise	4.96
Chordwise	4.98
Flapwise	8.17

* Ω = 68.07 rad/sec.

TABLE III.- REPEAT DATA POINTS FOR ACR BLADE
WITH SWEPT TIP AND 4° TABS

[Data plotted in fig. 7]

(a) $\mu = 0.20$; $M_T = 0.65$

PT.	ALPHA	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CG/SIGMA
139	-10.0	-0.9	3.3	4.0	.03503	-.00610	.00267
140	-10.0	-1.3	3.8	9.9	.04741	-.00822	.00333
141	-10.0	-1.7	4.5	7.9	.06049	-.01065	.00413
142	-10.0	-2.1	5.2	9.9	.07183	-.01289	.00496
143	-10.0	-2.6	5.9	11.9	.08396	-.01515	.00597
144	-10.0	-3.1	6.6	13.9	.09496	-.01751	.00714
145	-10.0	-3.6	7.1	15.8	.10519	-.01989	.00828
150	-9.9	-0.8	3.5	4.0	.03664	-.00591	.00277
151	-10.0	-1.3	4.0	6.0	.04672	-.00809	.00343
152	-10.0	-1.6	4.7	7.9	.06047	-.01036	.00426
153	-10.0	-2.0	5.5	9.9	.07235	-.01261	.00508
154	-10.0	-2.6	6.1	12.1	.08573	-.01520	.00620
155	-10.0	-2.9	6.8	13.8	.09546	-.01722	.00735

(b) $\mu = 0.30$; $M_T = 0.65$

PT.	ALPHA	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CW/SIGMA
213	-5.0	-1.3	3.2	4.1	.04287	-.00294	.00256
214	-5.0	-2.3	6.6	6.0	.05092	-.00446	.00321
215	-5.0	-2.4	7.0	8.0	.06145	-.00568	.00385
216	-5.0	-2.7	4.0	9.4	.07465	-.00654	.00449
217	-5.0	-3.2	9.2	11.9	.08551	-.00832	.00551
218	-5.0	-4.2	10.5	14.1	.09520	-.01058	.00692
219	-5.0	-4.4	10.6	14.8	.09788	-.01096	.00739
220	-5.0	-4.8	11.2	15.6	.10204	-.01195	.00823
251	-5.0	-1.2	3.2	1.4	.02612	-.00158	.00209
252	-5.0	-1.2	3.3	3.9	.04167	-.00271	.00252
356	-4.9	-1.4	4.3	2.0	.03045	-.00200	.00207
357	-4.9	-1.4	5.7	4.0	.04196	-.00324	.00269
358	-4.9	-1.7	6.4	6.0	.05534	-.00438	.00322
359	-4.9	-2.4	7.6	7.1	.06634	-.00594	.00396
360	-4.9	-2.6	6.6	9.9	.07635	-.00740	.00475
361	-4.9	-3.3	9.6	11.9	.08774	-.00886	.00570
362	-4.9	-3.9	10.4	13.4	.09747	-.01037	.00667
363	-4.9	-4.3	11.0	14.6	.10153	-.01139	.00766
364	-4.9	-4.6	11.7	16.0	.10561	-.01224	.00870
427	-4.9	-1.4	5.4	4.1	.04310	-.00286	.00254
428	-4.9	-1.9	6.1	6.1	.05574	-.00402	.00317
429	-4.9	-2.4	7.7	8.1	.06411	-.00556	.00343
430	-4.9	-2.6	6.2	9.4	.07673	-.00679	.00460
431	-4.9	-3.4	9.2	11.4	.08633	-.00831	.00539
433	-4.9	-4.4	11.0	14.4	.09946	-.01101	.00762

(c) $\mu = 0.40$; $M_T = 0.65$

PT.	ALPHA	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CG/SIGMA
331	-5.0	-1.3	6.4	4.0	.03351	-.00124	.00280
332	-5.0	-1.7	8.0	6.0	.04272	-.00245	.00345
333	-5.0	-1.8	6.0	3.9	.04234	-.00250	.00342
334	-5.0	-1.9	6.9	7.9	.05429	-.00354	.00399
335	-5.0	-2.4	10.1	9.9	.06390	-.00464	.00466
365	-4.8	-1.5	6.5	4.0	.03191	-.00152	.00268
366	-4.9	-1.8	8.0	6.0	.04163	-.00281	.00333
367	-4.9	-2.1	9.1	6.0	.05245	-.00408	.00349
368	-4.9	-2.5	10.2	9.4	.06263	-.00524	.00480

TABLE IV.- REPEAT DATA POINTS FOR BASELINE BLADE
WITH SWEPT TIP AND 0° TABS

[Data plotted in fig. 8]

(a) $\mu = 0.30$; $M_T = 0.65$

PT.	ALPHA	A1	B1	TETA	CL/SIGMA	CU/SIGMA	CO/SIGMA
534	-4.9	-0.4	3.6	6.2	.03349	-.00156	.00229
535	-5.0	-1.0	4.5	8.1	.04637	-.00296	.00288
537	-4.9	-2.5	6.6	12.1	.07177	-.00627	.00453
538	-4.9	-2.9	7.4	14.0	.08694	-.00775	.00530
539	-4.9	-3.7	8.8	16.1	.09836	-.00926	.00673
541	-4.9	-4.4	9.6	18.1	.10939	-.01138	.00891
542	-5.0	-2.5	6.6	11.4	.07144	-.00653	.00443
617	-4.9	.0	1.8	2.0	.00489	.00167	.00131
618	-4.8	-.2	2.4	4.1	.02092	.00013	.00192
619	-4.9	-.7	3.4	5.9	.03361	-.00124	.00237
620	-4.9	-1.1	4.8	8.2	.04864	-.00296	.00315
621	-4.9	-1.6	5.5	9.9	.06142	-.00431	.00377
622	-4.9	-2.3	6.5	12.0	.07493	-.00606	.00466
623	-4.9	-2.8	7.7	14.1	.08860	-.00803	.00581
626	-4.9	-1.4	6.0	11.0	.06906	-.00510	.00412
682	-5.0	.1	1.9	2.0	.00458	.00097	.00120
683	-5.0	.1	1.9	2.0	.00462	.00097	.00118
684	-4.9	.1	2.4	4.0	.02104	-.00065	.00158
685	-5.0	-.4	3.9	6.0	.03282	-.00210	.00206
686	-5.0	-.5	3.9	6.0	.03352	-.00219	.00208
687	-5.0	-1.0	4.7	7.8	.04573	-.00352	.00270
688	-5.0	-1.6	5.5	10.0	.06245	-.00515	.00351
689	-5.0	-2.0	6.5	11.9	.07380	-.00666	.00439
690	-5.0	-2.7	7.6	14.1	.08944	-.00849	.00552
691	-5.0	-3.4	8.5	15.9	.10047	-.01019	.00667
692	-5.0	-4.2	9.6	17.9	.11189	-.01196	.00851

(b) $\mu = 0.30$; $M_T = 0.68$

PT.	ALPHA	A1	B1	TETA	CL/SIGMA	CU/SIGMA	CO/SIGMA
584	-5.0	-.6	3.6	6.2	.03136	-.00134	.00228
585	-5.0	-1.2	4.6	8.2	.04443	-.00295	.00290
586	-5.0	-1.3	5.5	10.0	.05770	-.00436	.00354
588	-5.0	-2.9	7.6	14.0	.08366	-.00777	.00553
627	-4.8	-.1	2.5	4.1	.02033	-.00007	.00187
628	-4.8	-.6	3.4	6.0	.03446	-.00156	.00238
629	-4.9	-1.1	4.6	8.1	.04806	-.00313	.00297
630	-4.9	-1.6	5.4	10.0	.06132	-.00464	.00367
631	-4.9	-2.2	6.3	11.9	.07444	-.00619	.00447
632	-4.9	-2.8	7.3	13.9	.08796	-.00789	.00555
633	-4.9	-3.4	8.4	16.0	.10050	-.00959	.00682
639	-5.0	-.3	2.5	3.9	.01495	-.00022	.00176
640	-5.0	-.7	3.6	5.9	.03395	-.00169	.00223
641	-5.0	-1.1	4.6	8.0	.04852	-.00330	.00294
642	-5.0	-1.5	5.6	9.9	.06203	-.00477	.00366
643	-5.0	-2.1	6.4	11.7	.07337	-.00624	.00449
644	-5.0	-2.8	7.5	13.8	.08814	-.00808	.00553
645	-5.0	-3.6	8.6	15.9	.10066	-.01002	.00691

TABLE V.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR ACR BLADE
WITH RECTANGULAR TIP AND 0° TABS

(a) $\mu = 0.20$; $M_T = 0.65$

PT.	CL/SIGMA	CD/SIGMA	CQ/SIGMA
376	.02657	-.00340	.00218
377	.04128	-.00634	.00297
378	.06084	-.00964	.00407
379	.07567	-.01253	.00519
380	.09334	-.01521	.00656
381	.10773	-.01850	.00820
382	.02543	-.00044	.00150
383	.04028	-.00272	.00213
384	.05678	-.00450	.00278
385	.07463	-.00603	.00364
386	.09115	-.00758	.00470
387	.10598	-.00915	.00601
388	.00809	-.00021	.00121
389	.01649	-.00030	.00157
390	.02657	-.00043	.00212
391	.03975	-.00014	.00300
392	.05366	-.00002	.00408
393	.06770	.00014	.00534
394	.08170	.00002	.00687
395	.09751	.00025	.00874
396	.10419	.00041	.00970

TABLE V.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	46.88	18.14	613	5.58	3.74	2.97	1.46	1.71	6.63	.25	.59	AMP
377	49.16	9.29	612	145.56	334.57	2.93	335.54	51.27	312.57	178.63	384.38	PHASE
378	51.98	9.66	612	5.93	3.88	1.18	1.55	1.23	293.89	187.78	289.95	PHASE
379	54.66	11.88	612	147.29	357.15	36.24	318.48	333.89	285.88	6.28	265.12	PHASE
380	57.59	14.98	612	4.63	4.31	1.18	1.15	2.62	236.41	16.41	239.19	PHASE
381	68.81	17.48	612	138.52	257.44	47.94	288.31	328.82	236.41	16.41	239.19	PHASE
382	45.31	13.29	611	3.95	4.94	1.88	1.85	3.27	236.41	16.41	239.19	PHASE
383	47.63	11.42	612	118.42	127.75	268.62	247.82	316.84	219.15	19.39	244.53	PHASE
384	58.14	18.25	612	4.42	6.85	2.55	1.54	3.55	1.68	1.52	1.65	AMP
385	52.82	11.78	512	86.94	97.8	257.81	199.78	289.37	194.73	355.41	287.21	PHASE
386	55.55	14.32	612	6.51	4.98	4.72	2.35	1.32	321.66	288.45	316.16	PHASE
387	58.13	15.85	613	155.72	317.95	72.66	338.82	185.97	321.66	288.45	316.16	PHASE
388	46.33	3.88	616	6.48	4.45	1.15	1.92	.98	295.36	289.37	295.25	PHASE
389	47.48	6.98	613	148.22	322.73	53.38	312.83	52.88	295.36	289.37	295.25	PHASE
390	49.84	13.88	612	5.87	4.16	2.48	1.97	1.83	283.39	327.18	298.78	PHASE
391	58.54	15.88	611	148.23	334.56	39.98	388.64	341.82	283.39	327.18	298.78	PHASE
392	52.84	17.28	614	5.32	3.94	1.88	2.87	2.46	1.72	3.86	1.87	AMP
393	54.51	17.48	612	144.88	342.26	2.38	282.52	312.39	271.68	329.46	275.94	PHASE
394	56.83	21.66	612	4.45	4.82	1.49	2.37	3.48	2.32	1.87	2.24	AMP
395	59.73	23.88	611	131.83	353.77	329.28	248.89	381.36	243.74	389.94	256.39	PHASE
396	61.33	26.71	612	3.95	4.92	1.66	2.66	3.81	2.56	3.79	2.58	AMP
				189.39	8.57	383.77	229.28	312.81	236.32	318.87	256.17	PHASE
				.68	.68	.68	.58	.28	.51	.33	.32	AMP
				266.16	264.53	381.65	261.88	265.61	381.42	388.39	381.92	PHASE
				.17	.53	2.29	1.87	1.12	2.24	.79	.46	AMP
				162.84	295.81	7.46	384.46	22.68	153.89	48.36	213.91	PHASE
				.62	.39	1.28	1.76	2.58	1.14	2.97	.73	AMP
				142.45	287.53	48.56	47.67	338.71	296.98	297.74	221.11	PHASE
				189.93	185.78	318.46	75.78	135.48	268.47	68.83	54.76	PHASE
				.95	1.35	2.11	2.25	2.81	2.31	1.56	.73	AMP
				217.37	214.33	78.85	75.63	75.74	66.41	277.51	73.45	PHASE
				.54	1.94	.96	.76	1.77	2.68	1.64	1.14	AMP
				237.85	183.83	28.52	134.21	18.56	318.87	216.98	238.74	PHASE
				.39	.83	5.16	2.64	3.43	.26	1.14	.78	AMP
				278.91	281.78	186.48	47.57	286.93	34.66	228.18	9.76	PHASE
				1.88	1.88	2.79	3.18	3.17	1.26	1.66	1.91	AMP
				268.37	123.82	348.94	184.41	25.84	253.81	148.81	285.58	PHASE
				1.52	2.28	2.76	6.77	6.77	1.72	1.76	1.35	AMP
				337.63	137.58	36.46	24.68	317.31	35.38	178.87	223.87	PHASE

CHORDWISE 25 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	55.82	19.62	613	5.68	2.85	3.82	2.25	3.62	3.96	1.13	.18	AMP
377	56.74	38.41	612	287.71	139.83	278.29	335.97	273.97	173.61	68.74	14.27	PHASE
378	57.38	57.18	612	17.26	6.37	4.74	3.68	4.96	5.35	1.58	.14	AMP
379	57.51	72.76	612	311.15	152.22	353.41	389.31	268.91	159.25	63.82	25.18	PHASE
380	56.91	94.59	612	35.47	5.94	8.88	5.81	2.96	8.19	8.88	8.88	PHASE
381	56.88	117.31	612	338.87	163.82	211.36	336.58	234.19	213.88	69.88	174.32	PHASE
382	55.83	19.55	611	54.69	5.58	12.85	5.89	5.19	3.75	1.86	.18	AMP
383	55.42	29.54	612	346.65	182.76	284.74	339.78	176.38	234.13	336.66	257.83	PHASE
384	55.86	48.28	612	78.49	5.44	16.22	3.82	12.36	4.78	1.79	.33	AMP
385	54.43	67.58	612	357.18	216.85	214.12	355.62	189.37	27.19	1.35	285.62	PHASE
386	53.92	84.44	612	181.28	9.81	16.25	2.38	15.85	8.73	1.95	.38	AMP
387	53.79	184.69	613	355.18	238.38	284.46	324.67	167.59	38.17	327.36	198.61	PHASE
388	53.63	9.82	616	4.71	7.59	5.22	2.75	4.34	2.28	1.82	.18	AMP
389	53.93	18.34	613	292.86	136.55	274.88	326.56	278.78	197.97	83.46	53.18	PHASE
390	52.87	23.19	612	14.78	6.91	6.98	2.68	6.49	7.9	1.35	.19	AMP
391	52.45	38.74	611	298.28	138.26	258.61	289.87	258.75	253.23	48.64	3.88	PHASE
392	53.31	33.88	614	27.46	8.51	5.94	5.28	6.89	6.93	2.37	.31	AMP
393	54.41	48.35	612	312.78	142.38	224.89	388.59	252.71	159.12	45.46	358.85	PHASE
394	55.68	59.58	612	44.22	8.81	9.94	6.25	3.86	7.39	1.28	.11	AMP
395	56.89	69.48	611	332.32	141.77	282.64	323.44	226.28	177.38	31.64	384.89	PHASE
396	56.28	92.74	612	63.95	5.56	14.77	5.69	4.88	2.39	2.58	.46	AMP
				341.26	142.88	195.49	317.73	158.88	123.44	389.97	273.44	PHASE
				85.78	2.48	17.65	5.41	8.87	2.74	4.88	2.78	AMP
				349.13	173.16	218.38	328.78	163.72	19.19	317.51	338.88	PHASE
				1.59	.68	1.28	.55	1.19	1.11	.18	.89	AMP
				297.83	158.63	141.64	192.98	147.62	191.48	359.86	294.32	PHASE
				1.37	.61	2.58	.98	.86	.72	.22	.11	AMP
				297.88	174.84	234.95	275.89	183.57	225.59	68.69	265.11	PHASE
				1.85	.12	2.81	2.22	4.46	5.28	6.42	.14	AMP
				385.78	182.43	269.88	43.78	279.33	138.94	382.87	262.15	PHASE
				2.15	2.18	2.79	2.98	7.84	3.86	1.87	.12	AMP
				322.84	41.92	178.88	85.38	189.32	159.18	51.41	133.85	PHASE
				3.99	2.69	3.32	4.85	3.26	5.98	.99	.23	AMP
				321.83	73.46	388.85	74.39	337.46	232.47	259.73	235.51	PHASE
				6.72	5.61	1.81	2.34	1.95	7.64	1.58	.84	AMP
				339.32	45.98	258.42	112.48	187.87	277.87	233.19	173.77	PHASE
				6.88	4.46	5.86	6.18	9.85	6.67	1.66	.56	AMP
				358.49	66.83	7.84	27.45	227.76	112.72	258.45	91.86	PHASE
				15.85	9.76	7.77	3.68	6.47	4.29	6.53	.63	AMP
				319.84	352.37	7.19	196.58	288.12	183.67	18.16	18.16	PHASE
				22.95	7.84	14.87	7.84	14.87	7.84	3.89	1.88	AMP
				354.96			338.98	185.58	154.22	196.78	175.24	PHASE

TABLE V.- Continued

(a) Continued

TORSION 28 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	-3.28	4.65	613	4.32 161.46	.76 18.78	.23 78.73	.13 267.67	.19 338.53	.88 268.37	.86 169.62	.85 225.43	AMP PHASE
377	-3.62	4.76	612	4.27 153.25	1.85 8.88	.11 122.31	.18 265.51	.24 335.81	.16 216.12	.87 139.82	.81 288.74	AMP PHASE
378	-4.86	4.92	612	4.13 144.54	1.35 17.91	.29 224.75	.24 239.93	.89 249.69	.16 226.76	.87 286.11	.16 161.63	AMP PHASE
379	-4.48	5.53	612	3.98 132.42	1.78 21.25	.55 225.67	.21 199.44	.26 225.95	.28 194.99	.88 273.16	.83 248.86	AMP PHASE
380	-5.88	6.32	612	4.81 115.15	2.43 29.72	1.81 236.38	.49 134.63	.56 281.46	.35 229.69	.18 348.23	.85 354.19	AMP PHASE
381	-5.55	7.58	612	4.86 98.81	2.92 21.84	1.51 236.78	.92 184.28	.54 174.88	.31 284.97	.26 327.24	.18 329.42	AMP PHASE
382	-2.54	4.93	611	4.28 165.86	.14 334.19	.94 93.16	.32 348.38	.13 336.45	.13 195.89	.83 89.87	.83 295.65	AMP PHASE
383	-3.81	4.64	612	4.23 155.53	.57 1.81	.56 78.13	.18 266.38	.15 288.52	.87 193.55	.86 318.84	.85 246.37	AMP PHASE
384	-3.46	4.74	612	4.17 147.63	.93 13.82	.24 122.66	.36 218.78	.12 298.43	.25 227.34	.81 168.46	.84 284.33	AMP PHASE
385	-3.93	5.18	612	3.94 137.32	1.44 25.65	.31 193.72	.54 287.56	.19 233.63	.18 228.59	.18 239.32	.87 264.46	AMP PHASE
386	-4.43	5.92	612	3.75 128.44	2.11 29.46	.63 197.86	.82 191.79	.44 238.11	.18 213.86	.15 266.68	.85 233.82	AMP PHASE
387	-4.99	6.66	613	4.81 98.58	3.12 38.23	1.22 285.35	1.85 281.76	.64 261.32	.25 324.38	.13 11.75	.14 168.98	AMP PHASE
388	-2.88	.95	616	.22 324.45	.13 248.77	.13 57.57	.82 183.14	.17 149.41	.85 197.37	.85 385.64	.82 312.34	AMP PHASE
389	-2.43	1.23	613	.16 159.88	.89 299.88	.89 34.92	.17 273.56	.21 262.96	.84 148.35	.83 86.14	.86 188.22	AMP PHASE
390	-2.84	2.32	612	.34 127.45	.26 318.51	.18 95.54	.38 15.91	.45 232.88	.13 169.56	.83 319.35	.86 211.21	AMP PHASE
391	-3.65	2.72	611	4.45 148.29	.36 264.11	.27 281.19	.29 358.93	.88 58.86	.88 133.59	.88 76.49	.83 188.81	AMP PHASE
392	-4.44	3.53	614	.22 158.75	.32 297.86	.16 15.44	.78 33.94	.48 334.86	.13 167.34	.81 41.88	.82 98.84	AMP PHASE
393	-5.84	3.77	612	.28 125.84	.58 312.31	.16 272.89	.45 49.98	.26 292.89	.35 189.82	.11 189.85	.89 262.31	AMP PHASE
394	-5.68	4.92	612	.49 178.89	.19 287.34	.58 351.31	.75 358.41	.75 218.97	.19 6.69	.86 388.79	.83 386.69	AMP PHASE
395	-6.48	4.74	611	.31 152.96	.64 326.33	.69 274.82	.24 38.92	.18 288.57	.26 162.19	.11 118.17	.15 261.23	AMP PHASE
396	-6.66	7.82	612	.41 71.89	.45 276.71	.27 248.43	1.13 325.15	1.48 285.81	.38 58.56	.28 157.19	.83 183.71	AMP PHASE

TABLE V.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	32.82	13.46	613	9.33	5.23	3.44	1.28	.98	.17	.86	.89	AMP
377	34.38	13.25	612	142.58	329.38	58.58	325.65	35.56	298.29	224.97	132.93	PHASE
378	37.11	13.16	612	9.93	5.38	3.88	1.26	.82	.25	.86	.15	AMP
379	39.63	14.54	612	143.58	335.28	39.98	318.58	18.63	298.82	151.62	181.75	PHASE
380	42.38	17.83	612	18.35	5.24	2.78	1.22	1.31	.32	.89	.28	AMP
381	44.97	18.53	612	147.46	342.85	21.32	383.64	331.27	276.16	154.66	182.32	PHASE
382	29.83	18.44	611	18.58	5.24	2.55	1.85	2.82	.32	.87	.33	AMP
383	32.21	16.26	612	146.96	347.71	351.27	273.39	321.33	251.18	196.57	64.83	PHASE
384	34.82	15.37	612	18.86	5.38	2.58	1.29	2.55	.52	.82	.41	AMP
385	37.42	15.52	612	148.88	359.16	324.86	247.87	321.17	242.88	95.58	48.28	PHASE
386	48.82	16.62	612	11.86	6.83	2.57	1.72	2.84	.61	.15	.52	AMP
387	42.68	18.78	613	141.59	366.98	293.68	216.46	298.33	211.98	64.53	18.52	PHASE
388	33.31	4.11	616	18.33	7.83	4.81	2.86	.46	.37	.14	.18	AMP
389	34.14	6.61	613	146.65	316.31	62.39	334.29	95.43	338.43	299.44	162.88	PHASE
390	35.78	18.18	612	18.46	6.27	3.82	1.74	5.9	.44	.18	.28	AMP
391	36.99	14.84	611	143.94	318.64	44.41	311.62	34.71	383.77	383.88	112.42	PHASE
392	39.17	13.23	614	18.89	5.89	3.42	1.82	.75	.63	.83	.38	AMP
393	39.99	14.58	612	145.56	325.78	28.16	382.73	337.61	294.66	68.24	87.96	PHASE
394	42.25	21.38	612	11.21	5.21	3.14	1.93	1.88	.73	.18	.57	AMP
395	45.85	22.21	611	145.82	338.88	6.15	285.49	317.86	281.28	138.32	73.31	PHASE
396	47.11	28.82	612	11.26	4.82	3.86	2.85	2.72	.87	.88	.71	AMP
				142.98	334.56	337.76	265.56	318.21	254.22	178.41	39.86	PHASE
				11.16	4.98	2.93	2.15	2.75	.94	.81	.84	AMP
				142.48	358.43	338.34	237.98	323.81	247.75	298.41	34.69	PHASE
				.92	1.88	.85	.52	.25	.19	.82	.88	AMP
				238.48	272.73	382.36	278.69	271.14	385.24	299.63	185.76	PHASE
				.48	.88	2.51	.93	.69	.84	.85	.11	AMP
				198.98	388.28	7.27	385.27	23.17	173.33	115.91	18.38	PHASE
				.43	.56	1.33	1.37	1.67	.48	.83	.21	AMP
				165.17	286.16	43.61	51.43	334.91	297.68	356.88	33.58	PHASE
				1.38	1.73	3.18	.97	1.33	.28	.87	.14	AMP
				228.36	186.13	313.83	82.84	145.28	269.45	31.88	213.85	PHASE
				.66	1.86	2.56	1.62	1.88	.88	.12	.15	AMP
				288.25	222.69	73.21	81.88	79.82	33.71	319.63	248.11	PHASE
				.91	2.99	1.38	.56	1.21	1.83	.12	.27	AMP
				198.78	183.85	25.45	168.94	18.98	324.72	288.46	54.51	PHASE
				.59	1.52	7.11	1.98	2.36	.18	.18	.21	AMP
				325.54	211.26	188.32	58.84	299.89	123.38	252.86	165.71	PHASE
				.66	2.96	3.73	2.98	2.85	.55	.35	.51	AMP
				238.47	135.75	344.39	113.97	26.47	269.32	282.83	96.59	PHASE
				.49	3.26	3.82	.25	4.93	.27	.46	.28	AMP
				5.56	146.75	43.88	39.61	323.47	58.24	238.36	53.47	PHASE

CHORDWISE 37 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	37.22	18.74	613	5.85	2.56	3.84	3.85	3.95	4.98	1.67	.59	AMP
377	37.56	29.19	612	289.39	139.84	287.85	348.38	273.79	173.85	68.88	89.85	PHASE
378	37.34	49.74	612	13.88	5.22	3.87	4.25	5.39	7.86	2.79	.56	AMP
379	36.65	67.98	612	388.79	151.71	271.69	322.86	259.26	155.66	67.84	74.66	PHASE
380	35.83	71.49	612	26.11	5.96	5.68	6.89	3.78	12.87	1.66	1.27	AMP
381	33.39	89.33	612	334.95	162.81	228.15	339.45	248.93	211.32	188.54	89.89	PHASE
382	37.12	18.79	611	39.13	5.89	9.86	6.67	4.21	5.92	.87	.98	AMP
383	36.78	26.82	612	343.31	177.28	218.58	338.61	191.65	238.85	388.46	68.71	PHASE
384	36.87	36.79	612	55.58	4.97	13.33	5.81	11.31	5.49	3.28	1.34	AMP
385	35.87	67.47	612	354.28	281.99	226.91	346.84	197.34	22.34	9.41	346.52	PHASE
386	33.78	67.78	612	71.98	7.64	13.82	4.88	13.96	12.58	3.81	2.28	AMP
387	32.17	82.32	613	353.41	223.14	216.85	313.89	174.43	36.31	346.47	316.17	PHASE
388	35.52	9.43	616	7.88	4.81	3.92	3.46	5.15	2.67	1.54	.59	AMP
389	34.71	11.99	613	288.42	132.19	289.67	334.86	263.99	285.52	85.22	118.36	PHASE
390	32.96	32.28	612	12.89	5.87	5.65	3.38	7.22	1.82	2.27	.84	AMP
391	31.62	35.86	611	289.72	136.91	278.33	388.68	249.33	275.97	41.91	114.57	PHASE
392	31.51	38.83	614	21.68	7.39	4.68	6.51	6.88	9.25	4.45	.87	AMP
393	31.67	45.94	612	389.68	141.35	246.32	317.88	263.98	155.65	47.58	69.44	PHASE
394	31.72	65.16	612	32.78	7.41	7.25	8.18	3.66	18.51	2.42	2.88	AMP
395	31.18	68.88	611	328.87	141.27	221.91	326.13	258.82	174.87	65.12	63.81	PHASE
396	38.75	98.78	612	46.28	6.12	11.52	8.28	1.65	3.17	2.99	1.68	AMP
				337.52	139.39	218.88	317.69	163.27	118.88	298.58	39.74	PHASE
				61.45	4.18	14.98	7.98	6.59	4.86	8.12	2.38	AMP
				346.85	153.18	223.77	325.28	165.59	16.31	318.78	22.82	PHASE
				1.88	.57	.83	.59	1.21	1.51	.32	.29	AMP
				295.67	155.57	145.38	222.12	168.34	194.93	26.86	112.48	PHASE
				1.93	.54	1.82	1.26	.88	.48	.48	.23	AMP
				295.94	174.19	281.57	288.47	164.95	227.46	188.58	344.88	PHASE
				1.31	1.17	1.71	2.98	5.47	7.26	4.43	.47	AMP
				388.56	122.84	288.82	47.15	289.68	136.85	337.88	349.38	PHASE
				1.26	1.98	2.28	3.98	8.88	5.18	.98	.48	AMP
				334.21	45.84	288.16	82.91	112.23	168.98	31.89	194.71	PHASE
				2.28	2.48	2.66	5.22	3.13	8.46	1.26	.64	AMP
				329.77	84.58	325.41	78.61	354.89	231.53	263.58	254.48	PHASE
				4.75	5.44	1.71	3.18	2.82	18.55	2.47	.78	AMP
				346.44	55.98	289.95	122.38	157.57	277.93	255.86	35.51	PHASE
				4.24	3.58	18.41	7.93	12.14	18.87	3.81	1.87	AMP
				353.69	82.24	48.81	338.88	238.49	112.48	242.48	139.69	PHASE
				9.93	8.33	7.31	18.48	3.16	9.58	7.72	2.12	AMP
				323.34	2.38	236.29	87.16	163.52	281.84	193.12	68.15	PHASE
				14.74	11.82	9.27	9.85	12.33	11.13	6.43	1.38	AMP
				353.81	16.86	271.72	359.45	194.34	148.84	286.86	151.89	PHASE

TABLE V.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	-4.13	4.16	613	3.86	.68	.18	.89	.16	.84	.85	.82 AMP
				153.27	26.13	41.16	185.81	276.11	178.87	78.52	83.74 PHASE
377	-4.61	4.13	612	3.82	.86	.18	.18	.17	.11	.85	.83 AMP
				144.83	5.14	135.57	287.88	282.89	142.78	67.48	26.67 PHASE
378	-5.87	4.42	612	3.77	1.89	.29	.18	.11	.88	.85	.83 AMP
				134.33	8.69	191.12	187.49	168.98	158.31	138.36	5.39 PHASE
379	-5.52	4.95	612	3.78	1.45	.47	.18	.27	.89	.86	.83 AMP
				122.94	9.11	188.99	154.81	161.89	114.14	283.39	299.91 PHASE
380	-6.81	5.79	612	3.81	2.83	.75	.46	.51	.17	.13	.86 AMP
				118.88	14.56	198.37	182.77	151.94	188.95	278.68	336.94 PHASE
381	-6.58	6.43	612	4.43	2.53	1.11	.75	.49	.21	.21	.12 AMP
				88.86	8.81	199.69	67.33	115.74	175.78	262.82	293.24 PHASE
382	-3.47	4.16	611	3.76	.22	.71	.21	.16	.15	.87	.84 AMP
				167.38	97.82	75.83	338.31	281.26	133.18	45.67	357.73 PHASE
383	-3.99	3.98	612	3.75	.45	.48	.11	.14	.18	.84	.82 AMP
				147.59	23.88	49.82	189.64	238.99	184.47	336.88	333.86 PHASE
384	-4.46	4.28	612	3.75	.75	.23	.38	.89	.16	.84	.84 AMP
				138.43	13.84	119.98	166.38	222.44	155.23	35.22	338.25 PHASE
385	-4.97	4.69	612	3.66	1.19	.35	.45	.28	.86	.85	.82 AMP
				127.88	15.95	163.24	159.78	164.29	146.54	172.89	279.36 PHASE
386	-5.45	5.38	612	3.59	1.73	.57	.69	.48	.84	.88	.81 AMP
				112.68	16.23	168.65	148.83	174.73	53.96	231.86	332.42 PHASE
387	-6.88	5.97	613	3.83	2.61	1.86	.88	.54	.29	.12	.89 AMP
				95.82	23.65	166.73	163.85	221.24	327.82	341.23	93.52 PHASE
388	-3.13	.93	616	3.32	.89	.16	.84	.14	.85	.83	.83 AMP
				328.98	232.89	43.61	55.42	188.48	134.75	258.13	388.25 PHASE
389	-3.53	.98	613	3.83	.87	.86	.11	.28	.81	.82	.83 AMP
				288.92	291.48	112.31	238.41	218.68	185.35	182.39	133.93 PHASE
390	-3.94	1.84	612	3.18	.26	.13	.22	.41	.14	.82	.82 AMP
				98.17	388.89	98.44	336.18	182.17	112.68	21.88	139.42 PHASE
391	-4.76	1.95	611	3.26	.35	.15	.28	.23	.88	.83	.82 AMP
				115.27	266.21	233.48	318.57	1.61	78.73	62.59	94.84 PHASE
392	-5.61	2.24	614	3.87	.34	.14	.58	.45	.11	.83	.82 AMP
				78.52	297.53	388.87	358.68	284.22	123.23	26.88	142.83 PHASE
393	-6.28	2.65	612	3.17	.62	.19	.44	.24	.39	.85	.83 AMP
				75.35	385.84	236.98	15.65	239.81	133.57	127.47	285.76 PHASE
394	-7.88	4.87	612	3.36	.22	.64	.65	.66	.16	.85	.81 AMP
				175.58	289.62	388.31	312.84	161.91	322.44	385.12	173.84 PHASE
395	-7.82	3.67	611	3.22	.73	.62	.71	.28	.88	.87	.87 AMP
				133.18	387.29	244.18	349.84	211.14	183.33	22.72	281.23 PHASE
396	-8.89	5.44	612	3.37	.58	.32	.97	1.29	.22	.18	.82 AMP
				68.22	271.88	221.89	287.46	159.76	18.85	75.23	168.29 PHASE

TABLE V.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	17.56	10.76	613	12.98	7.38	3.79	.86	.54	.34	.18	.68	AMP
				138.66	319.32	36.93	318.46	237.46	132.74	318.43	125.53	PHASE
377	19.97	19.18	612	13.63	7.28	3.69	.84	.45	.38	.22	.73	AMP
				141.83	323.63	24.74	384.88	236.88	113.38	232.88	189.92	PHASE
378	22.86	18.38	612	14.11	7.81	3.87	.86	.29	.32	.44	.82	AMP
				146.88	328.48	11.87	294.18	247.85	181.12	181.36	91.44	PHASE
379	25.71	28.87	612	14.59	6.77	4.85	.84	.18	.41	.83	1.11	AMP
				147.76	331.78	351.26	282.31	381.18	45.79	186.64	56.71	PHASE
388	28.81	21.98	612	15.41	6.78	3.87	1.15	.32	.88	1.38	1.54	AMP
				151.27	342.45	348.78	284.73	27.21	37.54	194.62	64.88	PHASE
381	31.98	23.53	612	16.19	7.18	3.28	1.35	.36	.95	1.52	1.67	AMP
				147.49	348.83	316.34	263.95	3.84	6.36	172.55	26.18	PHASE
382	14.73	23.97	611	14.57	9.77	5.36	1.24	.65	.18	.25	.64	AMP
				138.19	318.97	49.64	326.88	278.46	158.25	96.73	168.81	PHASE
383	17.22	22.13	612	14.59	8.96	4.47	1.21	.45	.32	.33	.97	AMP
				138.87	311.28	29.61	312.93	263.27	92.96	183.19	121.66	PHASE
384	28.82	21.84	612	14.88	8.25	4.41	1.25	.28	.74	.46	1.39	AMP
				141.54	315.94	16.37	311.98	249.13	84.37	146.38	112.97	PHASE
385	22.89	28.51	612	15.28	7.54	4.69	1.27	.14	.89	.81	1.88	AMP
				143.79	317.87	1.47	382.93	287.48	68.19	143.83	97.34	PHASE
386	25.85	21.77	612	15.88	6.77	4.89	1.26	.28	1.39	1.18	2.25	AMP
				143.59	317.25	343.38	285.29	354.64	49.96	127.65	77.68	PHASE
387	28.97	23.38	613	16.38	6.37	4.76	1.27	.52	1.64	.98	2.54	AMP
				145.44	329.83	342.96	275.82	4.78	46.85	148.77	78.67	PHASE
388	28.79	4.78	616	1.41	1.48	1.83	.35	.82	.25	.28	.34	AMP
				239.26	276.67	297.49	298.38	325.81	111.63	114.99	123.49	PHASE
389	21.44	6.37	613	.41	1.53	2.68	.44	.19	.15	.72	.47	AMP
				218.69	384.73	4.87	329.86	171.69	326.88	213.19	31.12	PHASE
398	23.85	9.95	612	.53	.43	1.43	.82	.38	.78	.94	.78	AMP
				179.85	198.66	48.66	74.81	86.69	112.66	117.42	38.75	PHASE
391	24.67	14.21	611	1.48	2.17	.71	.83	.34	.47	1.26	.53	AMP
				231.87	173.22	314.72	188.85	231.61	75.13	249.88	235.68	PHASE
392	27.32	14.69	614	.82	1.85	2.69	.73	.43	.19	.39	.75	AMP
				224.45	222.71	76.39	136.61	218.76	269.12	88.41	246.25	PHASE
393	28.17	14.42	612	2.85	4.27	1.97	.74	.68	1.45	1.57	1.88	AMP
				196.28	175.88	28.71	184.32	166.78	125.47	26.34	52.89	PHASE
394	31.21	25.89	612	.91	1.96	8.84	1.42	.79	.34	1.86	.69	AMP
				336.93	216.37	186.53	184.89	62.32	193.71	32.24	183.13	PHASE
395	34.19	28.92	611	.65	5.88	4.58	1.82	.88	.83	1.54	1.55	AMP
				211.68	125.84	357.87	139.56	151.27	69.85	319.82	182.49	PHASE
396	37.19	26.26	612	.71	4.53	4.24	1.56	1.27	.92	1.75	.53	AMP
				39.33	136.13	47.52	97.49	62.88	213.31	353.58	41.58	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	43.53	22.91	613	5.77	2.11	2.69	3.59	4.38	5.77	2.84	1.14	AMP
				298.38	143.34	388.31	344.22	273.65	174.98	63.68	97.82	PHASE
377	43.18	38.53	612	12.14	4.53	3.56	4.84	5.88	8.29	3.48	1.18	AMP
				387.52	152.92	292.13	338.85	259.15	156.77	73.23	83.88	PHASE
378	42.25	48.85	612	21.61	5.52	4.61	7.81	4.86	14.64	2.31	2.31	AMP
				332.39	161.88	247.75	343.19	254.46	212.74	114.28	93.77	PHASE
379	41.48	52.83	612	31.79	5.81	7.89	7.93	3.78	7.24	.83	1.91	AMP
				341.28	178.73	233.61	339.65	197.92	238.58	174.83	73.53	PHASE
388	39.63	63.88	612	44.73	4.81	12.53	7.35	18.53	7.88	3.76	2.33	AMP
				352.34	186.76	237.87	342.27	288.98	24.88	18.79	.64	PHASE
381	37.28	79.75	612	57.89	6.13	13.39	6.47	13.14	15.29	4.49	4.87	AMP
				352.83	287.47	227.64	318.46	177.15	38.28	358.25	327.79	PHASE
382	44.19	21.27	611	7.59	3.24	3.26	4.88	5.82	2.91	1.94	1.86	AMP
				286.87	129.98	388.11	338.88	263.63	218.93	95.13	125.88	PHASE
383	43.85	25.41	612	11.62	5.88	4.98	4.11	7.88	2.37	2.86	1.88	AMP
				288.98	136.78	283.86	319.15	258.45	282.77	49.76	122.52	PHASE
384	42.24	39.14	612	18.58	6.83	4.28	7.69	7.22	18.98	5.78	1.69	AMP
				387.71	141.68	266.56	324.28	255.46	156.43	54.12	85.89	PHASE
385	41.38	83.81	612	27.23	7.42	6.47	9.86	3.65	12.95	3.34	3.77	AMP
				325.35	148.78	248.67	329.31	259.97	174.96	83.29	72.89	PHASE
386	39.95	64.57	612	37.74	6.88	18.57	18.41	.63	4.23	2.97	3.34	AMP
				334.93	136.67	225.78	319.15	111.89	116.87	292.79	51.68	PHASE
387	38.16	79.93	613	49.52	5.45	14.29	18.81	5.39	6.27	9.95	3.94	AMP
				343.84	142.84	235.27	324.55	157.51	21.88	312.88	36.22	PHASE
388	42.25	11.22	616	.49	.47	.53	.64	1.28	1.68	.44	.65	AMP
				283.87	182.49	159.31	236.67	152.64	195.84	48.63	114.74	PHASE
389	41.28	13.61	613	.33	.47	1.47	1.33	.94	1.23	.52	.44	AMP
				292.22	176.32	276.29	297.48	145.52	232.42	138.85	18.59	PHASE
398	39.19	38.65	612	.62	.24	1.55	3.55	5.96	8.91	.47	.82	AMP
				387.67	132.27	293.78	52.62	296.27	137.36	15.85	2.95	PHASE
391	37.31	39.26	611	6.88	2.82	2.82	1.78	9.65	6.11	7.88	8.85	AMP
				22.82	52.27	238.28	85.48	116.21	168.33	2.24	285.58	PHASE
392	36.68	44.53	614	1.16	2.42	2.64	6.85	3.84	18.32	1.22	.98	AMP
				356.27	96.66	351.35	84.52	1.59	234.93	267.93	253.88	PHASE
393	35.55	56.36	612	3.71	5.89	2.81	3.86	2.63	11.91	2.96	1.38	AMP
				357.59	64.96	311.77	131.23	145.16	279.87	271.68	35.55	PHASE
394	34.33	71.88	612	3.44	3.45	9.34	9.45	13.85	12.34	3.66	1.78	AMP
				352.79	188.21	8.57	49.63	245.52	115.34	246.76	157.37	PHASE
395	32.52	86.86	611	6.82	8.13	7.68	12.27	4.84	11.29	19.88	3.38	AMP
				332.59	11.13	264.97	96.33	151.85	286.45	281.77	88.71	PHASE
396	31.41	182.81	612	18.42	18.51	8.87	18.43	18.78	14.31	8.24	1.63	AMP
				352.87	28.29	794.36	13.65	196.58	152.28	213.52	147.28	PHASE

TABLE V.- Continued

(a) Continued

TORSION 5% PERCENT RADIUS												
RUN NO		38										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	-7.40	3.38	613	3.26	.50	.89	.87	.15	.82	.82	.84	AMP
				154.54	29.79	47.48	185.92	296.72	186.72	73.86	132.22	PHASE
377	-7.67	3.47	612	3.24	.61	.86	.87	.16	.89	.83	.84	AMP
				146.83	11.76	86.36	194.50	309.41	169.94	61.13	87.12	PHASE
378	-7.95	3.61	612	3.29	.75	.12	.15	.88	.83	.85	.84	AMP
				137.26	12.82	202.26	198.92	223.97	152.28	159.51	48.79	PHASE
379	-8.21	3.96	612	3.38	.97	.23	.17	.21	.87	.88	.86	AMP
				127.48	12.68	200.95	167.41	199.83	180.87	210.54	13.87	PHASE
380	-8.58	4.52	612	3.42	1.38	.41	.36	.38	.18	.18	.11	AMP
				117.74	18.83	203.57	132.16	177.98	203.68	274.48	33.53	PHASE
381	-8.65	5.16	612	3.77	1.82	.64	.52	.39	.14	.13	.15	AMP
				102.75	12.61	201.79	89.92	138.93	232.48	268.52	347.67	PHASE
382	-7.82	3.32	611	3.28	.86	.52	.14	.19	.13	.07	.06	AMP
				158.14	86.86	98.55	21.53	306.71	166.16	72.97	74.45	PHASE
383	-7.32	3.19	612	3.19	.38	.33	.86	.15	.11	.84	.85	AMP
				149.43	17.64	62.11	193.57	268.72	127.81	5.47	78.76	PHASE
384	-7.61	3.55	612	3.22	.48	.17	.22	.11	.13	.85	.86	AMP
				141.36	13.67	184.59	181.84	258.11	174.35	67.25	71.28	PHASE
385	-7.91	3.74	612	3.22	.76	.19	.36	.18	.85	.85	.88	AMP
				131.92	18.12	154.69	179.56	200.15	118.81	144.26	58.24	PHASE
386	-8.18	4.35	612	3.26	1.11	.34	.55	.36	.89	.82	.11	AMP
				119.51	18.22	161.66	178.18	200.18	52.19	235.33	51.88	PHASE
387	-8.48	4.98	613	3.58	1.65	.65	.66	.41	.27	.89	.14	AMP
				107.98	26.25	172.91	183.85	244.24	18.83	59.83	84.51	PHASE
388	-6.42	.76	616	.25	.18	.12	.83	.11	.86	.82	.81	AMP
				318.51	242.58	62.89	98.28	141.89	157.86	297.61	85.92	PHASE
389	-6.73	.84	613	.83	.18	.85	.89	.17	.88	.83	.88	AMP
				168.28	308.88	139.59	265.19	243.97	.34	192.12	39.11	PHASE
390	-7.81	1.54	612	.15	.22	.87	.17	.34	.13	.85	.82	AMP
				102.99	309.31	184.83	353.37	285.88	146.75	94.69	19.29	PHASE
391	-7.61	1.61	611	.18	.26	.11	.22	.19	.88	.84	.84	AMP
				114.48	282.23	263.48	331.69	28.42	187.89	212.18	182.13	PHASE
392	-8.24	1.74	614	.87	.28	.42	.42	.35	.89	.84	.83	AMP
				77.52	386.43	351.81	18.32	386.84	152.53	83.18	221.93	PHASE
393	-8.71	2.25	612	.13	.39	.12	.38	.19	.37	.85	.85	AMP
				93.71	316.89	257.62	33.31	267.11	156.84	64.37	21.87	PHASE
394	-9.24	3.82	612	.24	.16	.42	.45	.45	.12	.88	.81	AMP
				175.38	293.57	333.68	329.97	181.38	332.57	.29	91.77	PHASE
395	-9.82	3.21	611	.18	.48	.46	.51	.16	.26	.13	.83	AMP
				138.32	316.68	268.13	9.73	241.52	122.89	12.91	164.84	PHASE
396	-9.96	4.24	612	.37	.41	.19	.68	.97	.16	.12	.82	AMP
				85.96	281.86	237.66	387.34	183.48	32.96	44.18	7.68	PHASE

TABLE V.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	-2.80	20.75	613	13.73 136.10	7.69 316.13	2.46 346.05	1.55 114.52	1.32 223.00	.16 158.21	.33 134.84	.78 300.92	AMP PHASE
377	-1.41	21.67	612	14.42 139.03	7.59 314.89	3.03 348.10	1.75 103.83	1.10 201.10	.17 135.76	.19 85.50	.83 288.49	AMP PHASE
378	2.69	22.15	612	14.89 142.35	7.35 307.61	3.92 352.45	1.98 80.38	2.10 147.23	.22 169.92	.48 .71	.93 263.40	AMP PHASE
379	5.82	23.56	612	15.32 143.14	7.02 300.60	4.69 350.11	2.31 52.51	3.53 136.36	.17 160.23	.03 .57	1.30 232.97	AMP PHASE
380	9.23	26.60	612	16.30 146.38	6.70 300.02	5.12 354.81	3.16 34.43	4.03 137.43	.20 190.13	1.25 350.16	1.60 233.54	AMP PHASE
381	12.67	28.74	612	17.30 143.96	6.88 293.71	5.11 345.00	3.96 9.64	5.49 114.39	.35 161.03	1.52 328.29	1.74 193.93	AMP PHASE
382	-5.59	24.33	611	15.34 136.15	9.91 313.92	3.17 350.70	2.02 133.82	.90 288.00	.66 189.68	.26 227.15	.87 323.96	AMP PHASE
383	-3.18	24.23	612	15.24 135.94	9.31 307.95	3.46 342.73	2.07 96.95	.91 202.25	.49 182.48	.26 276.25	1.14 298.52	AMP PHASE
384	-1.31	25.43	612	15.66 139.31	8.82 304.94	4.25 343.72	2.69 79.94	1.71 151.35	.62 187.04	.51 314.69	1.63 290.62	AMP PHASE
385	2.73	27.30	612	15.97 140.59	8.48 297.60	5.00 345.04	3.51 62.59	3.55 131.71	.00 179.15	1.11 309.76	2.20 275.69	AMP PHASE
386	5.98	29.23	612	16.64 140.44	8.08 289.04	5.50 343.25	4.65 43.67	5.22 123.57	1.05 166.35	1.62 207.19	2.75 255.53	AMP PHASE
387	9.26	29.97	613	17.21 143.17	7.75 293.07	6.04 351.03	5.55 38.17	5.67 135.72	1.27 180.09	1.67 295.86	3.06 261.10	AMP PHASE
388	.79	6.93	616	2.14 123.37	2.94 279.97	1.12 304.27	1.12 85.46	.65 92.03	.10 164.09	.35 299.92	.41 302.13	AMP PHASE
389	4.58	8.56	613	.77 250.32	2.14 308.04	1.20 21.05	1.60 113.64	1.07 199.64	.11 105.62	.80 31.29	.72 209.76	AMP PHASE
390	7.47	15.66	612	.13 188.83	.56 178.18	.73 115.98	1.36 207.43	2.54 152.92	.60 110.93	1.04 304.94	1.11 218.35	AMP PHASE
391	12.01	18.79	611	2.63 260.15	3.64 181.93	4.81 293.24	4.46 199.64	2.52 320.46	.27 111.41	1.22 64.65	.73 56.61	AMP PHASE
392	17.31	19.74	614	2.07 251.50	2.02 226.58	1.64 171.87	2.12 232.63	2.69 258.37	.32 234.70	.30 214.58	1.20 60.66	AMP PHASE
393	21.97	20.85	612	2.21 207.85	5.00 198.14	.31 89.08	.61 145.91	1.63 165.62	.43 195.45	1.95 190.32	1.34 236.11	AMP PHASE
394	27.04	26.94	612	.94 61.64	3.42 272.89	3.09 124.41	2.60 219.64	3.56 112.72	.36 70.19	1.22 109.97	.89 358.64	AMP PHASE
395	32.37	28.63	611	3.26 213.56	6.81 124.19	4.05 57.42	3.57 290.37	3.32 204.26	.51 295.79	1.20 136.05	2.15 270.17	AMP PHASE
396	35.49	30.06	612	2.25 344.64	6.59 117.55	2.05 64.59	2.00 177.30	6.93 133.11	.23 247.16	1.07 159.75	.71 236.24	AMP PHASE

CHORDWISE 77 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	59.68	17.15	613	7.52 143.53	4.89 313.22	2.60 342.91	.97 28.85	2.39 248.72	2.27 166.11	.87 77.15	.35 30.89	AMP PHASE
377	60.87	17.03	612	6.26 150.19	4.04 310.44	3.91 335.26	1.20 2.34	2.57 236.70	3.32 146.50	1.49 74.51	.32 355.00	AMP PHASE
378	11.48	16.44	612	3.72 148.17	3.33 302.36	2.73 323.68	2.72 .82	1.75 191.04	5.89 201.05	.91 110.60	.99 4.59	AMP PHASE
379	66.26	14.50	612	1.43 127.45	2.97 300.44	3.12 297.42	3.74 351.43	3.04 148.18	2.02 213.46	.44 291.00	.28 182.22	AMP PHASE
380	68.99	16.60	612	1.96 26.35	2.64 310.97	4.00 278.33	4.36 348.64	5.19 162.07	3.09 29.39	1.98 9.94	1.31 285.75	AMP PHASE
381	71.30	22.75	612	4.39 3.48	3.14 304.79	4.27 257.91	4.47 323.85	6.17 139.87	6.51 38.07	2.39 347.72	1.72 275.00	AMP PHASE
382	59.70	19.06	611	8.57 144.05	6.34 312.31	3.14 340.06	.56 41.39	2.76 262.32	1.47 200.63	.73 111.33	.21 36.41	AMP PHASE
383	59.89	18.97	612	7.60 143.72	5.12 304.15	3.28 327.83	1.01 15.94	3.37 236.30	.85 256.10	.96 45.98	.05 301.56	AMP PHASE
384	61.59	18.92	612	5.69 150.24	4.05 301.00	3.33 325.89	2.62 350.97	2.37 220.54	4.00 147.72	4.00 47.14	.67 325.40	AMP PHASE
385	64.26	18.39	612	3.14 162.49	2.97 294.74	3.34 300.22	4.20 348.83	1.64 145.97	5.97 162.11	.85 84.16	.03 345.07	AMP PHASE
386	66.87	21.20	612	.57 146.90	2.20 294.16	3.73 278.03	.56 330.68	3.43 102.02	3.14 109.00	1.79 264.27	.21 279.24	AMP PHASE
387	69.45	22.44	613	2.33 355.91	1.71 320.95	4.70 269.90	5.02 340.51	4.78 123.00	2.69 51.12	4.60 294.67	2.00 293.39	AMP PHASE
388	62.43	8.05	616	1.30 131.39	1.97 276.57	.67 295.69	.55 94.12	.03 117.50	.79 103.03	.28 348.76	1.00 23.23	AMP PHASE
389	63.58	8.52	613	.64 250.45	1.36 305.16	1.11 353.30	.63 107.47	1.01 179.93	.46 214.10	.49 59.42	.33 226.84	AMP PHASE
390	63.67	14.95	612	.25 216.06	.44 156.12	.17 30.02	.71 85.30	1.32 233.55	4.10 127.30	.70 320.20	.66 239.41	AMP PHASE
391	64.85	16.00	611	1.44 257.24	1.91 160.57	1.70 273.09	1.90 91.65	2.04 88.51	2.66 145.66	.74 37.60	.34 100.07	AMP PHASE
392	66.50	21.85	614	2.25 244.14	1.19 175.66	.94 34.45	1.50 114.42	2.07 202.72	4.46 229.67	.54 229.73	.49 48.04	AMP PHASE
393	60.27	25.39	612	.91 243.61	3.10 147.21	1.79 342.40	2.06 130.11	2.45 149.30	4.19 264.84	1.64 224.47	.53 277.74	AMP PHASE
394	70.47	17.94	611	1.45 154.55	1.17 212.24	1.66 63.39	2.66 71.00	3.73 200.95	4.01 106.74	1.90 221.95	.13 105.52	AMP PHASE
395	71.97	43.10	611	1.05 279.35	4.82 4.92	1.46 332.57	2.01 101.70	3.96 175.00	4.39 285.30	3.91 186.33	.43 327.03	AMP PHASE
396	71.48	40.35	612	1.07 341.42	4.92 11.37	2.45 347.37	2.64 42.37	7.59 147.06	5.99 151.00	4.11 195.10	.76 173.25	AMP PHASE

TABLE V.- Continued

(a) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	-4.95	2.25	613	1.93	.31	.07	.05	.11	.04	.05	.03 AMP
				150.86	69.34	218.48	117.21	289.37	133.22	27.00	115.22 PHASE
377	-5.10	2.25	612	1.89	.24	.08	.04	.12	.08	.06	.02 AMP
				139.34	52.51	203.92	145.36	291.88	139.22	14.92	72.52 PHASE
378	-5.24	2.42	612	1.94	.25	.16	.14	.10	.08	.08	.02 AMP
				126.32	38.53	188.34	172.93	285.23	115.30	107.36	27.55 PHASE
379	-5.36	2.48	612	2.03	.33	.21	.20	.10	.08	.05	.05 AMP
				113.59	21.85	177.05	169.29	237.12	58.94	145.18	26.27 PHASE
380	-5.49	2.94	612	2.28	.53	.27	.32	.14	.04	.08	.01 AMP
				102.76	19.63	167.48	153.56	190.17	142.00	221.02	36.45 PHASE
381	-5.46	3.52	612	2.68	.78	.32	.37	.11	.06	.13	.11 AMP
				89.51	11.15	150.75	118.29	132.16	108.51	210.36	358.24 PHASE
382	-4.76	2.14	611	1.85	.26	.21	.20	.15	.06	.05	.06 AMP
				155.88	125.54	139.03	55.60	302.38	145.02	59.41	112.05 PHASE
383	-4.93	2.14	612	1.83	.23	.09	.06	.14	.08	.04	.05 AMP
				144.50	94.41	124.13	93.07	270.19	105.75	49.44	72.91 PHASE
384	-5.09	2.42	612	1.87	.20	.16	.14	.18	.12	.11	.06 AMP
				132.63	76.18	144.08	161.40	268.65	129.36	59.42	89.40 PHASE
385	-5.22	2.54	612	1.94	.27	.24	.28	.19	.07	.15	.09 AMP
				119.78	46.32	147.31	168.42	249.44	67.12	81.39	85.76 PHASE
386	-5.34	2.83	612	2.11	.41	.32	.46	.30	.13	.15	.14 AMP
				105.00	26.47	139.33	164.35	220.77	14.92	63.26	71.61 PHASE
387	-5.43	3.40	613	2.40	.69	.48	.58	.35	.24	.18	.14 AMP
				93.56	30.12	146.64	176.55	244.32	22.02	87.23	82.07 PHASE
388	-4.41	.58	616	2.26	.10	.13	.02	.04	.03	.02	.02 AMP
				298.90	255.49	93.63	51.68	177.06	160.32	111.81	114.48 PHASE
389	-4.72	.63	613	.02	.07	.11	.06	.06	.02	.05	.05 AMP
				179.40	297.38	190.18	277.07	250.52	300.43	214.16	21.11 PHASE
390	-4.93	1.04	612	.08	.18	.01	.11	.15	.06	.09	.07 AMP
				76.53	312.95	146.52	2.22	215.63	167.00	111.00	20.38 PHASE
391	-5.39	1.33	611	.17	.28	.10	.10	.10	.02	.05	.03 AMP
				86.32	323.43	208.51	350.37	47.46	35.00	225.04	224.95 PHASE
392	-5.94	1.62	614	.11	.26	.09	.22	.14	.04	.01	.05 AMP
				52.90	333.89	342.93	21.53	296.97	134.64	75.33	202.93 PHASE
393	-6.23	1.96	612	.13	.44	.08	.14	.08	.20	.11	.06 AMP
				65.91	345.40	267.03	38.48	250.01	131.49	6.80	82.88 PHASE
394	-6.62	2.31	612	.23	.12	.41	.19	.24	.09	.10	.03 AMP
				187.23	29.09	337.10	334.01	175.52	299.16	358.19	88.41 PHASE
395	-7.09	2.37	611	.14	.47	.32	.20	.02	.19	.16	.11 AMP
				83.51	322.72	252.50	21.72	289.55	107.15	355.02	94.67 PHASE
396	-7.18	2.77	612	.27	.39	.42	.42	.43	.11	.14	.07 AMP
				109.20	312.51	265.08	289.94	169.08	309.01	354.16	7.35 PHASE

PITCH LINK											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	4.70	2.95	613	1.95	.37	.52	.46	.22	.17	.11	.10 AMP
				313.81	172.86	234.21	94.36	147.21	80.52	22.04	82.63 PHASE
377	5.04	4.07	612	3.15	.73	.00	.30	.33	.11	.13	.16 AMP
				298.12	155.74	203.24	111.05	147.72	23.02	311.13	81.88 PHASE
378	5.29	4.43	612	3.15	.98	.29	.33	.31	.24	.24	.24 AMP
				289.32	180.25	53.54	84.33	95.96	47.45	306.75	64.98 PHASE
379	5.45	5.84	612	3.59	1.37	.57	.26	.54	.32	.09	.18 AMP
				272.19	186.10	46.18	53.14	73.41	21.12	169.40	62.10 PHASE
380	5.65	7.65	612	4.44	1.95	.95	.41	.89	.57	.36	.20 AMP
				253.49	195.45	46.44	317.42	45.28	26.15	160.50	54.20 PHASE
381	5.81	9.60	612	6.30	2.45	1.44	.77	.96	.55	.54	.35 AMP
				241.32	185.84	43.81	291.07	25.67	341.86	138.59	42.32 PHASE
382	3.54	3.07	611	2.60	.82	.76	.43	.01	.20	.04	.13 AMP
				346.00	26.91	237.09	121.62	193.60	31.76	105.92	82.17 PHASE
383	4.03	3.69	612	2.51	.37	.69	.49	.17	.19	.13	.20 AMP
				302.70	121.50	237.02	108.94	109.21	75.21	69.97	67.69 PHASE
384	4.36	4.19	612	2.79	.64	.23	.45	.26	.32	.09	.27 AMP
				206.59	165.87	273.11	74.11	98.46	63.45	116.11	72.01 PHASE
385	4.60	4.95	612	3.21	1.10	.32	.58	.53	.40	.19	.39 AMP
				271.21	109.72	357.62	49.92	77.17	41.76	111.05	68.68 PHASE
386	4.99	6.52	612	4.00	1.69	.62	.81	.80	.50	.35	.48 AMP
				252.37	196.06	.63	21.22	57.20	23.57	94.75	49.19 PHASE
387	5.25	0.41	613	5.50	2.48	1.13	1.02	1.09	.46	.31	.56 AMP
				241.70	206.40	14.41	19.71	68.34	49.40	126.47	46.36 PHASE
388	4.20	2.70	616	2.02	.12	.11	.05	.11	.00	.10	.03 AMP
				157.63	79.65	156.31	306.21	327.40	45.64	146.39	84.73 PHASE
389	5.07	2.54	613	1.40	.01	.22	.22	.22	.03	.07	.10 AMP
				188.36	69.65	165.10	70.34	93.03	330.05	190.01	354.32 PHASE
390	5.90	4.19	612	1.89	.15	.17	.41	.48	.17	.15	.12 AMP
				270.52	145.96	144.26	191.94	67.13	34.24	93.25	6.42 PHASE
391	6.50	4.06	611	1.77	.09	.31	.41	.44	.12	.20	.09 AMP
				310.22	242.98	90.22	173.74	250.74	352.52	218.40	201.30 PHASE
392	7.22	4.01	614	1.64	.23	.32	.00	.58	.07	.11	.08 AMP
				336.75	179.09	106.06	209.23	165.78	349.47	72.01	234.74 PHASE
393	7.61	5.00	612	1.52	.34	.16	.43	.29	.38	.27	.25 AMP
				325.30	193.10	109.01	226.54	123.34	59.55	7.65	31.75 PHASE
394	8.06	6.04	612	1.61	.00	.71	.90	.92	.19	.20	.06 AMP
				326.15	171.00	204.27	177.31	37.02	150.40	350.59	129.12 PHASE
395	8.27	8.17	611	1.50	.79	.00	.97	.25	.20	.32	.20 AMP
				323.42	102.18	98.29	216.33	143.43	13.65	295.03	69.20 PHASE
396	8.60	0.80	612	1.14	.45	.34	1.21	1.43	.27	.08	.08 AMP
				295.23	109.12	109.27	147.97	36.18	217.42	320.67	322.13 PHASE

TABLE V.- Continued

(b) $\mu = 0.30$; $M_T = 0.65$

PT.	CL/SIGMA	CD/SIGMA	CQ/SIGMA
355	.02068	.00244	.00139
356	.03137	.00188	.00161
357	.05307	.00218	.00174
358	.06898	.00214	.00214
359	.08317	.00125	.00296
360	.01550	.00140	.00167
361	.03175	-.00040	.00211
362	.04650	-.00211	.00283
363	.05982	-.00384	.00368
364	.06976	-.00471	.00419
365	.07599	-.00552	.00470
366	.08290	-.00659	.00529
367	.01170	.00054	.00176
368	.02534	-.00208	.00254
369	.04122	-.00512	.00366
370	.05418	-.00819	.00487
371	.06382	-.01017	.00553
372	.07034	-.01157	.00628
373	.07868	-.01311	.00695

TABLE V.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	41.49	34.8#	612	12.43	15.22	11.85	6.98	4.78	2.5#	3.1#	.69 AMP
				142.65	328.95	75.25	1.55	97.87	321.32	226.26	118.75 PHASE
356	43.28	35.8#	611	14.25	15.49	11.62	6.46	4.95	2.52	3.37	.52 AMP
				144.98	337.65	83.91	14.93	119.49	348.61	249.75	139.83 PHASE
357	45.87	33.69	611	14.13	15.15	11.88	6.26	3.85	2.45	2.76	.58 AMP
				143.55	331.28	73.68	7.55	85.38	314.14	242.97	163.46 PHASE
358	47.83	33.86	612	13.86	14.48	18.37	6.85	3.21	2.59	2.58	.99 AMP
				142.29	332.68	76.58	16.61	86.88	323.58	247.73	167.88 PHASE
359	49.67	31.71	612	13.32	13.92	9.81	5.51	2.22	2.14	2.73	1.43 AMP
				135.86	325.89	74.78	12.64	87.49	318.53	236.89	168.84 PHASE
36#	41.84	31.3#	612	17.21	13.86	18.48	6.38	4.25	1.43	1.84	.42 AMP
				152.25	348.82	85.52	19.96	136.14	5.52	258.63	62.84 PHASE
361	44.37	38.26	612	12.34	13.48	9.96	5.81	4.46	1.35	1.73	.45 AMP
				158.65	342.34	84.69	16.56	125.55	1.83	245.39	58.47 PHASE
362	46.78	29.91	613	12.47	13.44	9.48	5.46	5.84	1.37	1.73	.57 AMP
				145.26	336.75	75.28	5.88	118.89	347.55	226.44	42.11 PHASE
363	49.13	38.48	612	12.55	18.38	8.89	5.43	6.82	1.49	1.69	.39 AMP
				138.28	327.78	64.88	362.82	93.39	328.49	197.45	357.93 PHASE
364	58.34	29.63	612	12.22	13.21	8.58	5.11	6.88	1.37	1.88	.23 AMP
				141.59	338.57	81.25	14.95	128.19	353.57	233.22	54.62 PHASE
365	51.29	29.63	613	12.11	13.89	8.16	4.84	6.24	1.42	1.76	.16 AMP
				134.27	329.73	67.82	355.98	189.93	323.92	197.43	28.78 PHASE
366	52.35	29.31	612	11.96	12.65	7.48	4.71	6.42	1.33	1.96	.26 AMP
				129.84	328.16	65.68	352.73	187.46	388.28	195.89	61.88 PHASE
367	42.9#	27.8#	612	18.86	11.78	8.72	5.35	4.63	1.92	1.97	.58 AMP
				154.87	346.43	84.88	11.63	118.19	3.81	227.78	19.38 PHASE
368	45.28	27.85	612	18.91	11.92	8.43	5.21	5.28	1.91	1.92	.63 AMP
				148.68	342.34	75.68	358.29	94.81	355.79	218.86	356.23 PHASE
369	47.82	27.84	612	18.79	12.81	8.87	5.17	5.41	1.78	2.11	.54 AMP
				148.89	347.88	82.17	5.98	188.67	12.79	224.58	18.46 PHASE
37#	58.2#	27.7#	612	18.83	12.89	7.34	5.13	5.58	1.52	2.81	.59 AMP
				141.88	341.95	77.27	359.64	188.42	6.25	211.89	344.12 PHASE
371	51.71	26.79	611	18.74	11.97	6.88	4.93	5.58	1.22	2.83	.52 AMP
				138.27	341.81	76.84	359.18	182.24	3.69	212.94	322.84 PHASE
372	52.85	27.23	613	11.88	12.12	6.42	5.81	5.59	1.25	2.87	.41 AMP
				134.87	339.47	72.88	355.14	181.36	356.32	212.83	318.13 PHASE
373	54.88	26.87	612	18.95	12.19	4.97	5.68	5.68	1.81	2.39	.43 AMP
				128.55	333.38	65.39	342.72	91.83	335.71	195.42	278.24 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	62.26	44.88	612	9.48	9.73	4.53	2.86	12.74	13.82	6.63	1.78 AMP
				277.77	143.28	293.93	193.78	284.68	232.38	133.89	36.82 PHASE
356	68.49	47.61	611	11.22	13.93	7.63	4.82	11.95	18.89	6.97	1.87 AMP
				293.88	159.98	318.75	176.61	311.97	239.66	154.21	68.18 PHASE
357	57.41	67.86	611	24.83	23.59	16.84	5.98	9.61	13.51	6.92	.94 AMP
				389.23	164.78	294.25	152.71	285.28	181.88	133.14	336.75 PHASE
358	55.32	82.17	612	39.19	31.83	21.15	5.38	8.19	16.53	6.24	1.23 AMP
				332.88	177.52	294.78	148.54	386.28	194.16	158.18	331.47 PHASE
359	53.68	99.5#	612	53.32	34.68	26.96	5.76	7.35	13.97	3.49	1.81 AMP
				348.87	183.11	285.96	112.85	381.84	288.87	156.88	321.87 PHASE
36#	59.45	43.83	612	8.85	14.35	9.42	5.2	7.74	9.47	4.66	.93 AMP
				294.38	153.96	295.66	385.86	312.86	237.93	152.15	72.47 PHASE
361	59.38	53.6#	612	13.54	28.56	14.35	1.17	7.47	11.77	4.89	.94 AMP
				386.13	163.29	297.18	183.33	388.41	228.48	143.74	53.85 PHASE
362	59.66	59.43	613	28.95	26.99	18.68	2.11	8.13	12.53	6.53	.79 AMP
				328.87	178.36	289.86	162.33	288.89	197.12	125.78	318.85 PHASE
363	59.39	83.67	612	31.78	33.54	24.59	3.28	9.49	15.88	7.25	1.78 AMP
				329.72	172.87	275.44	123.92	262.73	174.98	118.78	269.86 PHASE
364	58.8#	91.9#	612	41.33	36.37	28.14	4.84	9.87	14.32	6.79	2.59 AMP
				345.87	189.86	291.72	134.93	381.29	211.49	154.91	317.21 PHASE
365	58.78	188.45	613	49.29	39.84	31.87	5.17	9.54	14.51	6.66	3.83 AMP
				345.53	183.65	278.86	114.46	277.92	189.18	132.88	277.18 PHASE
366	58.38	188.1#	612	57.65	48.8#	35.14	6.62	9.54	11.72	6.12	3.61 AMP
				348.35	184.88	274.64	99.73	271.89	184.86	128.15	266.37 PHASE
367	58.24	43.92	612	5.52	16.73	12.46	1.15	7.65	13.37	2.78	.78 AMP
				278.21	171.84	292.46	388.25	318.98	258.81	168.41	59.26 PHASE
368	59.36	57.79	612	9.18	22.86	16.93	1.66	7.98	15.97	3.94	.48 AMP
				296.36	171.57	286.55	275.62	275.39	224.64	139.69	51.78 PHASE
369	61.8#	78.81	612	17.74	29.89	21.15	1.11	8.59	17.39	4.93	.25 AMP
				332.55	186.88	291.88	311.43	276.25	241.13	153.68	348.86 PHASE
37#	62.37	83.87	612	28.59	35.46	26.98	.54	18.71	18.18	5.61	.51 AMP
				338.73	191.64	281.86	331.31	265.55	232.97	145.39	291.43 PHASE
371	62.94	91.38	611	37.51	37.96	29.73	1.81	11.49	17.48	5.43	.98 AMP
				346.28	195.85	281.82	61.62	264.74	148.95	148.95	285.78 PHASE
372	63.85	187.98	613	48.88	42.86	33.78	1.56	11.67	16.78	6.27	1.74 AMP
				349.21	196.77	281.61	184.61	263.58	231.39	139.93	288.28 PHASE
373	63.41	128.32	612	68.38	44.18	37.11	3.31	11.97	14.44	6.26	2.38 AMP
				353.27	194.43	274.13	187.18	248.95	215.77	127.32	268.23 PHASE

TABLE V.- Continued

(b) Continued

TORSION 20 PERCENT RADIUS											
RUN NO 30											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	-2.46	10.75	612	7.88	3.29	2.17	1.62	.47	.91	.34	.36 AMP
				157.16	301.09	128.13	3.94	74.13	318.43	214.51	158.89 PHASE
356	-3.12	11.67	611	7.38	3.57	2.18	1.78	.42	.81	.38	.36 AMP
				155.22	312.15	137.92	14.91	137.22	334.93	232.16	166.22 PHASE
357	-4.29	11.56	611	7.25	3.58	2.16	1.86	.47	.59	.58	.21 AMP
				148.84	303.54	146.86	6.78	188.86	299.47	199.34	156.35 PHASE
358	-5.74	12.01	612	7.33	2.82	2.18	2.39	.73	.27	.74	.22 AMP
				127.48	301.16	177.62	8.52	181.22	293.61	206.91	155.47 PHASE
359	-7.25	13.16	612	7.63	1.93	1.94	2.65	1.85	.32	.68	.39 AMP
				111.28	291.87	289.93	4.23	98.42	176.68	208.84	133.48 PHASE
360	-3.45	10.21	612	7.72	2.49	2.87	1.94	.35	.33	.87	.15 AMP
				163.95	323.96	129.28	359.38	133.89	331.89	187.85	152.81 PHASE
361	-3.99	11.86	612	7.88	3.88	1.67	1.96	.44	.36	.17	.14 AMP
				158.23	329.89	139.97	356.99	142.84	317.85	198.68	186.94 PHASE
362	-4.72	11.49	613	7.89	3.37	1.36	2.88	.68	.16	.26	.13 AMP
				149.87	323.49	148.82	349.84	115.57	319.78	179.35	43.17 PHASE
363	-5.65	12.57	612	7.87	3.51	1.43	2.16	.99	.15	.41	.16 AMP
				135.94	318.77	174.14	345.98	99.75	298.21	153.86	37.84 PHASE
364	-6.27	13.14	612	7.88	3.25	1.61	2.47	1.26	.12	.37	.16 AMP
				134.74	321.91	218.89	14.28	133.31	317.72	281.48	84.86 PHASE
365	-6.98	14.88	613	7.94	2.97	1.93	2.88	1.68	.11	.48	.14 AMP
				121.97	388.84	215.32	.32	114.54	262.88	174.14	38.26 PHASE
366	-7.82	13.75	612	8.16	2.25	2.51	3.85	1.64	.14	.33	.18 AMP
				118.58	301.52	238.49	359.23	188.59	235.78	183.59	31.58 PHASE
367	-4.26	9.81	612	8.83	2.78	.89	1.55	.38	.35	.18	.12 AMP
				164.63	345.56	159.84	355.46	128.67	334.32	248.58	162.57 PHASE
368	-4.74	10.85	612	7.95	3.28	1.85	1.88	.46	.24	.37	.18 AMP
				156.43	337.46	181.18	348.76	98.68	325.68	211.96	128.74 PHASE
369	-5.26	11.83	612	7.89	3.59	1.21	1.93	.59	.86	.48	.22 AMP
				153.51	348.78	287.48	1.64	184.92	332.38	236.85	135.82 PHASE
370	-5.84	12.64	612	7.88	4.87	1.79	1.83	.76	.16	.48	.26 AMP
				146.39	332.22	215.78	1.67	112.15	287.44	212.85	125.17 PHASE
371	-6.18	13.12	611	7.82	4.11	1.99	1.93	.96	.88	.46	.27 AMP
				141.94	331.89	224.85	18.48	121.68	289.92	221.25	131.44 PHASE
372	-6.68	14.88	613	7.94	4.26	2.37	2.24	1.21	.35	.48	.26 AMP
				136.39	327.87	227.88	18.96	126.74	213.98	214.44	125.56 PHASE
373	-7.17	14.39	612	7.96	3.98	2.98	2.66	1.56	.52	.42	.29 AMP
				125.24	328.37	228.74	4.24	115.86	194.54	282.85	185.88 PHASE

TABLE V.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS

RUN NO 38

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	24.4#	4# 38	612	18.6#	19.72	13.35	5.13	2.64	.86	.48	.25	AMP
				138.62	33# 8#	7# 98	355.86	1# 2.87	327.4#	232.1#	222.39	PHASE
356	26.81	41.3#	611	2# 83	2# 24	13.86	4.7#	2.73	.76	.51	.21	AMP
				141.23	339.5#	8# 16	7.51	122.49	342.26	272.94	235.83	PHASE
357	28.31	41.51	611	2# 9#	2# 8#	13.11	4.46	2.87	.58	.4#	.19	AMP
				139.44	333.14	69.84	1.44	83.71	329.43	26# 85	243.56	PHASE
358	3# 18	4# 95	612	21.45	19.26	12.97	4.8#	1.59	.46	.38	.38	AMP
				14# 46	336.5#	72.19	1# 31	8# 8#	33# 26	277.82	291.87	PHASE
359	32.29	38.97	612	21.52	18.39	12.23	3.35	.87	.39	.42	.35	AMP
				137.91	335.62	7# 25	6.85	76.32	283.17	269.11	295.78	PHASE
36#	25.73	36.98	612	17.8#	18.16	12.21	4.56	2.4#	.55	.52	.33	AMP
				143.93	342.25	8# 73	11.87	137.67	5.29	257.81	188.51	PHASE
361	28.1#	36.37	612	18.47	18.29	11.95	4.8#	2.46	.29	.52	.27	AMP
				143.49	343.82	8# 6#	9.23	124.94	13.29	259.47	2# 2.85	PHASE
362	3# 26	36.31	613	18.9#	18.45	11.72	3.93	2.78	.21	.41	.37	AMP
				139.99	339.92	71.65	359.15	1# 7.53	2# 12	248.65	199.86	PHASE
363	32.47	36.38	612	19.49	18.33	11.84	3.82	3.36	.89	.35	.35	AMP
				135.11	331.11	6# 8#	345.61	9# 24	42.55	223.77	163.96	PHASE
364	33.64	36.59	612	19.76	18.12	11.87	3.51	3.3#	.22	.3#	.34	AMP
				14# 14	343.15	78.66	9.65	124.94	214.2#	255.78	198.93	PHASE
365	34.65	36.93	613	2# 86	18.15	11.85	3.2#	3.4#	.29	.31	.26	AMP
				134.76	333.61	65.37	35# 81	1# 5.51	19# 41	23# 26	154.5#	PHASE
366	35.76	36.53	612	2# 11	17.7#	11.46	2.89	3.47	.41	.3#	.27	AMP
				132.46	332.8#	64.8#	347.69	1# 2.85	183.35	217.19	133.55	PHASE
367	28.89	31.88	612	15.79	16.33	1# 84	3.89	2.58	.39	.42	.29	AMP
				144.87	347.96	81.83	3.7#	1# 5.77	332.93	272.9#	176.73	PHASE
368	3# 31	31.99	612	16.34	16.35	1# 84	3.71	2.97	.26	.42	.23	AMP
				141.44	344.18	73.22	349.57	91.63	318.8#	259.21	163.33	PHASE
369	32.64	32.44	612	16.83	16.68	1# 81	3.59	3.11	.21	.39	.16	AMP
				143.61	349.85	8# 17	356.24	1# 8.83	311.26	278.11	166.63	PHASE
37#	35.83	32.96	612	17.22	16.9#	1# 88	3.59	3.22	.22	.31	.18	AMP
				14# 67	346.29	75.57	35# 68	94.51	265.22	262.86	144.96	PHASE
371	36.38	32.47	611	17.43	16.81	1# 6#	3.35	3.13	.35	.27	.24	AMP
				14# 12	346.14	75.8#	349.76	96.28	25# 44	258.81	121.1#	PHASE
372	37.51	33.15	613	17.9#	17.2#	1# 69	3.4#	3.21	.38	.19	.24	AMP
				139.8#	344.55	72.9#	346.86	94.9#	246.74	244.89	117.91	PHASE
373	38.63	33.42	612	18.32	17.28	1# 53	3.41	3.26	.45	.13	.31	AMP
				135.7#	338.47	66.16	334.46	84.37	23# 23	229.81	1# 7.9#	PHASE

CHORDWISE 37 PERCENT RADIUS

RUN NO 38

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	44.16	55.29	612	12.95	9.8#	4.14	2.29	16.67	17.48	8.95	1.54	AMP
				284.87	135.6#	347.7#	211.87	282.64	228.54	132.95	38.34	PHASE
356	42.82	58.15	611	14.22	12.72	7.8#	4.52	15.82	13.86	9.68	1.94	AMP
				296.79	157.57	348.46	179.14	3# 9.86	237.11	155.14	62.84	PHASE
357	38.9#	69.62	611	23.94	21.88	14.59	6.75	13.56	16.66	1# 8#	1.83	AMP
				3# 9.57	164.34	321.56	148.21	287.96	175.19	136.41	323.44	PHASE
358	36.29	82.68	612	34.21	28.71	19.32	7.81	12.44	22.82	8.84	1.48	AMP
				329.62	177.12	322.2#	139.89	311.68	187.83	163.93	7.85	PHASE
359	33.45	91.36	612	45.84	32.61	23.64	7.81	11.36	19.87	4.31	2.28	AMP
				338.38	181.76	311.8#	112.53	3# 8.87	196.85	169.96	358.16	PHASE
36#	4# 96	49.87	612	11.45	12.18	6.27	1.21	1# 85	13.11	6.19	1.8#	AMP
				293.41	147.24	325.71	312.55	3# 7.57	236.15	162.77	116.19	PHASE
361	4# 74	58.21	612	14.76	16.9#	1# 66	.63	9.53	15.84	6.57	.96	AMP
				3# 2.48	16# 71	32# 93	178.74	298.43	218.21	156.39	74.94	PHASE
362	4# 22	61.1#	613	19.63	22.62	15.8#	2.55	1# 29	16.86	9.42	.76	AMP
				315.8#	169.92	314.89	139.45	282.11	192.85	136.13	322.42	PHASE
363	39.83	76.86	612	27.12	28.52	19.85	4.3#	11.33	21.8#	11.13	1.55	AMP
				324.9#	172.59	3# 8.82	117.75	262.95	169.4#	118.39	291.14	PHASE
364	38.89	83.72	612	34.84	31.36	22.81	5.31	1# 7#	2# 84	1# 5#	2.32	AMP
				339.82	188.94	315.67	132.56	299.94	2# 6.42	161.35	342.4#	PHASE
365	37.36	92.85	613	4# 83	34.28	26.41	6.83	11.18	21.57	1# 14	2.41	AMP
				34# 81	182.45	3# 1.8#	113.2#	275.87	185.52	139.73	3# 2.99	PHASE
366	36.12	1# 36	612	46.51	36.82	29.49	8.69	11.81	17.75	9.13	2.66	AMP
				344.22	193.85	296.42	99.46	267.33	181.86	132.93	284.14	PHASE
367	39.68	48.32	612	7.19	13.8#	7.58	2.51	8.7#	19.83	2.68	1.48	AMP
				286.61	168.21	317.17	319.69	31# 32	249.13	199.81	187.84	PHASE
368	4# 36	55.53	612	9.82	17.74	11.43	2.68	8.2#	24.92	4.23	1.56	AMP
				294.91	17# 41	3# 8.14	3# 1.54	274.65	223.51	163.32	83.92	PHASE
369	41 27	64.37	612	15.59	22.59	14.72	2.19	8.39	25.71	6.42	1.81	AMP
				323.16	186.83	311.54	328.35	275.87	239.58	168.82	83.18	PHASE
37#	41.73	74.51	612	23.81	27.73	18.86	1.71	1# 46	26.98	8.45	1.11	AMP
				331.82	191.86	3# 1.34	349.94	263.49	231.8#	155.18	62.69	PHASE
371	41.62	82.64	611	29.22	38.18	21.53	1.91	11.67	26.29	8.54	1.48	AMP
				339.45	194.37	3# 8.53	37.9#	26# 9.7	235.34	147.72	43.96	PHASE
372	41.65	94.37	613	37.31	33.91	25.28	1.94	11.82	25.67	9.96	.73	AMP
				343.86	196.11	3# 1.39	78.9#	26# 8.3	229.39	144.44	349.46	PHASE
373	4# 72	1# 2.8#	612	45.49	36.41	28.67	3.76	12.21	22.95	9.92	.82	AMP
				348.12	193.35	293.54	92.95	244.38	214.99	13# 89	287.87	PHASE

TABLE V.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
365	-3.41	8.83	612	6.89	2.19	1.76	1.83	.38	.63	.83	.19	AMP
				151.41	281.69	122.84	348.89	3.85	267.87	114.71	88.85	PHASE
366	-4.83	8.61	611	6.17	2.41	1.78	1.19	.28	.56	.82	.28	AMP
				149.66	296.55	133.35	347.48	68.51	278.49	147.28	185.84	PHASE
367	-5.88	8.81	611	6.88	2.56	2.12	1.32	.31	.46	.75	.11	AMP
				135.37	291.29	139.58	336.82	52.38	238.78	119.62	119.78	PHASE
368	-6.21	9.65	612	6.85	2.84	2.39	1.84	.58	.29	.36	.18	AMP
				124.26	294.38	162.75	336.83	58.89	231.95	128.43	162.35	PHASE
369	-7.46	18.28	612	6.21	1.36	2.35	2.18	.93	.29	.31	.18	AMP
				188.74	291.43	184.65	331.89	52.43	158.51	134.22	99.66	PHASE
368	-4.38	7.56	612	6.54	1.46	1.55	1.38	.11	.26	.12	.89	AMP
				167.85	387.67	128.44	329.83	18.83	262.86	58.42	83.56	PHASE
361	-4.93	8.13	612	6.55	1.91	1.33	1.36	.89	.28	.11	.18	AMP
				158.74	316.38	134.82	326.98	65.42	248.75	73.22	38.81	PHASE
362	-5.64	8.88	613	6.58	2.38	1.31	1.46	.26	.14	.89	.89	AMP
				141.38	312.41	143.46	318.49	39.83	281.24	72.16	347.97	PHASE
363	-6.47	9.68	612	6.55	2.49	1.65	1.61	.56	.18	.17	.18	AMP
				128.24	381.38	158.32	314.15	42.68	165.36	56.58	351.94	PHASE
364	-7.84	18.21	612	6.58	2.29	1.89	1.91	.81	.19	.12	.11	AMP
				126.87	313.49	188.63	342.27	82.36	197.17	86.54	45.33	PHASE
366	-7.67	18.71	613	6.64	2.85	2.28	2.29	1.13	.21	.18	.88	AMP
				113.98	388.74	187.79	328.48	67.85	169.77	67.49	369.85	PHASE
366	-8.38	18.69	612	6.88	1.54	2.55	2.39	1.19	.23	.82	.88	AMP
				183.49	296.88	199.66	327.71	61.41	151.38	351.94	357.58	PHASE
367	-5.19	7.76	612	6.84	1.84	1.84	1.83	.12	.24	.85	.88	AMP
				156.86	339.89	164.78	324.69	48.39	271.18	268.78	91.13	PHASE
368	-5.68	8.68	612	6.74	2.28	1.15	1.25	.22	.13	.16	.13	AMP
				148.86	329.68	175.88	318.93	3.69	249.37	164.34	55.63	PHASE
369	-6.24	9.36	612	6.78	2.64	1.36	1.36	.31	.87	.17	.18	AMP
				144.58	331.35	193.12	331.54	29.94	157.43	197.18	68.71	PHASE
378	-6.81	18.86	612	6.67	3.87	1.88	1.25	.38	.28	.19	.18	AMP
				136.92	322.17	195.18	332.21	53.38	138.94	166.46	57.58	PHASE
371	-7.89	18.43	611	6.62	3.14	2.86	1.34	.55	.28	.16	.28	AMP
				132.83	321.27	288.19	342.74	71.49	146.31	191.55	64.78	PHASE
372	-7.54	11.82	613	6.74	3.27	2.41	1.61	.76	.33	.16	.21	AMP
				126.38	317.98	288.63	342.76	79.23	152.89	188.71	68.24	PHASE
373	-8.82	11.66	612	6.85	3.88	2.82	2.82	1.89	.48	.13	.48	AMP
				115.57	318.23	281.71	336.77	78.78	143.22	284.21	46.74	PHASE

TABLE V.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	7.68	58.28	612	24.91	26.24	13.96	2.71	1.57	1.48	2.63	.84	AMP
				137.28	329.89	62.29	345.49	267.68	116.92	32.98	265.18	PHASE
356	9.46	51.68	611	26.71	26.72	13.68	2.54	1.64	1.54	2.83	.66	AMP
				139.79	337.63	71.19	357.45	289.59	136.42	68.42	295.71	PHASE
357	12.88	51.28	611	28.82	25.81	14.15	2.27	1.25	1.51	2.29	.61	AMP
				137.32	338.74	59.84	345.61	288.79	104.74	51.88	331.39	PHASE
358	14.22	51.87	612	29.22	24.74	14.51	1.81	1.84	1.64	2.29	1.88	AMP
				138.32	333.86	63.83	352.48	294.55	112.81	54.38	345.34	PHASE
359	16.78	58.12	612	29.83	23.59	13.96	1.45	1.94	1.54	2.45	1.46	AMP
				136.38	331.53	68.41	358.84	294.36	181.46	48.51	352.92	PHASE
368	9.73	47.98	612	24.47	24.55	13.86	2.42	1.46	.75	1.73	.75	AMP
				148.71	339.92	72.42	353.28	298.32	158.71	46.95	247.72	PHASE
361	12.87	47.28	612	25.48	24.45	12.74	2.26	1.46	.69	1.68	.61	AMP
				139.82	348.86	72.17	351.45	292.88	152.52	42.66	251.48	PHASE
362	14.33	48.32	613	26.48	24.48	12.73	2.23	1.58	.76	1.63	.58	AMP
				136.71	335.72	63.89	338.68	287.71	128.54	23.55	241.52	PHASE
363	16.88	48.38	612	27.38	24.25	13.35	2.21	1.73	.88	1.64	.37	AMP
				132.48	327.53	52.24	316.48	275.76	111.19	355.57	284.71	PHASE
364	18.85	48.18	612	27.86	23.97	13.51	2.84	1.71	.89	1.71	.26	AMP
				137.99	338.87	69.56	338.33	389.39	158.59	34.79	268.48	PHASE
365	19.12	48.43	613	28.43	23.92	13.78	1.92	1.71	.97	1.70	.16	AMP
				132.98	328.93	56.84	317.82	291.88	123.96	.34	247.86	PHASE
366	28.42	48.29	612	28.78	23.29	13.81	1.87	1.83	.95	1.81	.31	AMP
				131.22	326.78	54.66	388.75	289.81	111.37	1.44	257.78	PHASE
367	12.91	41.41	612	22.22	21.34	11.88	1.52	1.12	1.75	1.75	.64	AMP
				148.53	343.94	73.82	341.98	288.72	188.86	29.55	284.65	PHASE
368	18.21	41.68	612	22.98	21.64	12.22	1.69	1.54	1.89	1.74	.53	AMP
				137.43	339.86	65.99	325.27	277.81	164.87	12.82	178.83	PHASE
369	17.55	42.68	612	23.77	21.89	12.52	1.57	1.68	.97	1.83	.49	AMP
				139.88	345.24	72.15	329.67	293.48	178.63	27.92	194.54	PHASE
378	28.88	42.64	612	24.23	21.97	13.18	1.53	1.57	.85	1.77	.54	AMP
				137.58	341.47	67.13	322.89	289.74	171.18	14.88	159.42	PHASE
371	21.55	43.89	611	24.51	21.81	13.89	1.45	1.85	.74	1.73	.58	AMP
				137.43	348.93	66.67	317.88	298.87	171.34	16.88	141.38	PHASE
372	22.82	44.16	613	25.25	22.29	13.51	1.43	1.61	.76	1.78	.37	AMP
				136.85	339.21	65.83	311.15	298.86	169.83	16.26	124.15	PHASE
373	23.98	44.88	612	26.81	22.36	13.67	1.32	1.75	.61	2.84	.44	AMP
				134.82	332.82	57.78	299.71	288.78	148.82	3.78	88.33	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	49.34	68.83	612	13.27	7.75	5.69	3.26	28.86	28.15	18.48	1.15	AMP
				284.79	131.88	38.95	232.79	281.99	238.44	134.15	66.94	PHASE
356	47.69	62.28	611	14.41	18.22	8.43	4.25	18.61	14.87	11.54	1.74	AMP
				296.84	157.56	18.75	195.38	387.45	239.76	157.41	81.28	PHASE
357	45.36	78.27	611	21.96	17.65	13.28	5.74	15.75	18.84	14.24	.89	AMP
				386.89	166.98	345.73	152.38	285.16	175.37	141.86	334.51	PHASE
358	43.41	76.69	612	38.88	23.66	17.65	6.15	13.98	24.51	11.37	2.32	AMP
				325.56	179.57	342.65	135.67	387.41	187.89	171.77	39.89	PHASE
359	48.98	85.58	612	39.32	27.83	21.65	8.85	12.83	28.91	5.68	3.37	AMP
				334.76	182.88	328.28	181.69	382.66	198.22	182.59	25.86	PHASE
368	47.65	58.82	612	11.81	9.74	8.89	2.13	12.41	15.58	7.27	1.75	AMP
				295.36	145.65	7.24	383.18	387.53	238.23	171.72	148.11	PHASE
361	47.12	57.88	612	14.38	13.45	9.82	7.71	11.52	18.43	7.98	1.28	AMP
				381.11	162.55	358.85	276.71	298.28	228.75	165.77	113.77	PHASE
362	46.48	65.89	613	18.21	18.23	13.48	1.56	12.28	19.37	11.73	.25	AMP
				311.78	172.96	338.91	137.98	288.75	194.86	143.68	345.38	PHASE
363	45.51	74.62	612	24.82	23.37	17.68	3.45	13.24	24.21	14.18	1.18	AMP
				319.88	175.68	321.84	111.83	259.82	171.17	125.58	321.81	PHASE
364	44.73	75.76	612	29.53	25.95	28.29	4.72	12.48	24.15	13.15	2.82	AMP
				334.21	191.38	335.72	123.17	293.66	288.44	168.28	13.11	PHASE
365	43.86	84.65	613	34.58	28.89	23.93	6.64	12.98	25.89	12.68	2.11	AMP
				335.84	184.38	319.12	183.19	267.35	188.16	147.53	339.61	PHASE
366	42.84	94.34	612	48.34	31.37	27.27	9.48	12.99	28.39	11.36	2.87	AMP
				348.17	184.11	312.73	98.49	258.17	184.28	148.65	319.36	PHASE
367	46.82	92.66	612	7.43	18.41	6.24	3.78	18.48	24.87	3.19	2.48	AMP
				292.89	178.24	357.11	321.88	389.42	251.18	226.82	126.32	PHASE
368	46.41	57.57	612	9.68	14.58	9.88	3.88	9.76	38.15	4.68	2.69	AMP
				296.58	173.88	338.82	388.23	274.34	225.95	182.15	98.43	PHASE
369	46.97	65.85	612	14.34	18.59	12.27	3.44	9.74	31.16	7.27	1.99	AMP
				318.97	189.32	337.83	331.88	274.65	242.18	178.17	188.84	PHASE
378	47.11	76.27	612	28.22	22.89	15.53	3.82	11.82	32.68	9.91	2.33	AMP
				325.79	194.82	325.51	346.98	261.91	233.78	162.66	92.48	PHASE
371	46.88	76.24	611	25.81	24.96	18.13	2.92	13.17	31.94	18.87	2.81	AMP
				333.62	197.89	322.63	17.53	258.72	238.38	152.91	86.72	PHASE
372	46.87	86.58	613	31.28	28.82	21.81	2.48	13.35	31.33	11.88	1.18	AMP
				338.68	198.71	321.62	43.66	257.27	232.67	148.59	78.65	PHASE
373	46.84	94.84	612	37.77	38.46	25.35	3.89	14.83	28.28	11.85	1.45	AMP
				342.84	195.37	311.78	71.59	239.15	219.44	134.67	48.53	PHASE

TABLE V.- Continued

(b) Continued

TORSION 5% PERCENT RADIUS													
PT NO	MEAN	1/2 P-P	RPM	RUN NO 38								AMP	PHASE
				1P	2P	3P	4P	5P	6P	7P	8P		
355	-6.35	6.57	612	5.26	1.69	1.17	.62	.39	.42	.25	.06	AMP	
356	-6.78	7.89	611	153.81	299.87	132.41	14.89	12.23	277.68	52.38	94.72	PHASE	
357	-7.36	7.18	611	5.39	1.95	1.19	.71	.23	.39	.27	.18	AMP	
358	-6.84	7.78	612	152.25	313.72	143.92	19.76	46.34	284.81	56.84	119.72	PHASE	
359	-8.72	8.33	612	5.47	2.24	1.39	.78	.38	.39	.24	.06	AMP	
360	-7.28	6.32	612	142.46	389.97	145.96	8.78	35.31	248.22	58.26	169.84	PHASE	
361	-7.65	6.65	612	5.47	2.17	1.68	1.13	.52	.32	.36	.18	AMP	
362	-8.86	7.88	613	138.28	318.24	166.84	.88	62.18	237.99	99.66	247.83	PHASE	
363	-8.51	7.88	612	5.41	2.88	1.63	1.38	.83	.29	.32	.14	AMP	
364	-8.82	8.18	612	129.81	323.26	182.68	352.58	68.31	186.71	187.32	257.95	PHASE	
365	-9.16	8.67	613	5.53	1.21	1.18	.75	.25	.22	.26	.11	AMP	
366	-9.54	8.77	612	158.48	325.31	129.34	359.34	12.68	276.93	79.18	111.88	PHASE	
367	-8.82	6.43	612	5.58	1.57	.98	.88	.22	.26	.24	.09	AMP	
368	-8.32	7.82	612	152.68	331.64	142.59	355.87	6.68	268.78	79.88	77.91	PHASE	
369	-9.84	8.82	612	5.64	1.97	.92	.87	.48	.28	.24	.05	AMP	
370	-9.22	8.33	611	145.86	327.25	146.79	344.23	19.18	287.91	46.39	22.33	PHASE	
371	-9.51	8.75	613	5.65	2.31	1.18	.98	.59	.28	.31	.06	AMP	
372	-9.79	9.18	612	135.55	317.88	156.84	337.61	25.82	181.14	29.51	57.96	PHASE	
373	-9.79	9.18	612	137.38	338.94	182.49	1.17	.76	.38	.32	.09	AMP	
				5.69	2.38	1.51	4.26	78.31	214.72	61.67	125.39	PHASE	
				128.18	321.67	178.38	348.86	68.88	181.68	28.38	86.57	PHASE	
				5.78	2.24	1.64	1.57	1.11	.42	.18	.18	AMP	
				121.73	322.81	187.95	343.81	56.18	178.28	7.14	99.88	PHASE	
				5.74	1.58	.49	.68	.19	.14	.15	.06	AMP	
				158.15	355.33	171.88	358.28	11.11	288.68	45.68	61.62	PHASE	
				5.69	1.85	.68	.74	.34	.85	.87	.07	AMP	
				149.63	344.38	184.77	346.86	359.92	224.68	82.88	45.81	PHASE	
				5.69	2.18	.82	.88	.45	.14	.84	.18	AMP	
				146.63	344.38	281.61	359.88	25.52	152.56	37.69	65.58	PHASE	
				5.68	2.51	1.19	.73	.47	.23	.06	.14	AMP	
				139.46	334.78	282.72	4.85	35.93	152.27	87.43	59.11	PHASE	
				5.68	2.62	1.29	.82	.51	.29	.05	.19	AMP	
				135.71	333.44	285.48	15.88	52.36	159.88	4.64	68.85	PHASE	
				5.88	2.82	1.51	.98	.62	.34	.18	.21	AMP	
				131.79	338.51	283.86	12.29	64.82	164.64	351.87	65.79	PHASE	
				5.98	2.85	1.66	1.28	.82	.46	.18	.24	AMP	
				124.58	323.66	281.85	3.12	63.83	153.89	318.25	46.35	PHASE	

TABLE V.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO		38										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	-11.06	46.13	612	25.02	21.38	8.25	7.41	3.78	.41	3.05	1.44	AMP
				137.95	327.94	28.85	186.11	253.35	345.06	208.23	185.20	PHASE
356	-9.10	47.05	611	26.46	22.14	8.04	6.94	3.93	.62	3.36	1.30	AMP
				141.76	337.14	37.48	281.55	277.52	9.32	235.6	145.61	PHASE
357	-6.05	46.53	611	27.34	21.26	8.26	6.25	3.68	.10	2.45	1.51	AMP
				139.81	329.19	35.61	193.75	240.62	307.61	223.27	154.77	PHASE
358	-3.42	47.26	612	28.44	20.43	8.27	5.74	3.51	.14	2.34	1.69	PHASE
				141.90	332.13	43.25	203.26	245.07	277.11	224.34	169.70	AMP
359	-1.37	45.90	612	29.12	19.39	7.74	4.81	3.60	.22	2.44	2.77	AMP
				140.45	329.74	44.67	201.18	249.55	349.79	221.09	172.37	PHASE
360	-9.60	46.41	612	25.31	21.54	7.47	6.51	3.48	.52	2.27	.94	AMP
				141.52	339.73	34.69	198.34	301.34	313.93	222.62	181.51	PHASE
361	-6.98	45.57	612	25.73	21.22	7.25	5.91	3.79	.37	2.07	.84	AMP
				141.86	340.76	37.63	197.65	291.05	340.08	217.13	111.73	PHASE
362	-4.64	45.23	613	26.59	21.15	7.22	5.44	4.57	.47	2.08	.88	AMP
				139.90	336.16	31.75	191.97	274.66	322.02	190.02	59.78	PHASE
363	-1.91	46.43	612	27.57	21.04	7.67	5.21	5.75	.48	1.95	.69	AMP
				136.59	328.44	25.44	182.67	256.26	314.90	168.47	86.76	PHASE
364	-1.37	47.18	612	28.13	20.81	7.72	4.77	5.78	.71	1.78	.82	AMP
				142.58	339.52	45.04	209.02	290.24	9.15	204.11	151.48	PHASE
365	.07	48.13	613	28.95	20.75	7.84	4.30	6.04	1.00	1.91	.80	AMP
				137.97	329.70	34.85	192.69	272.73	349.14	167.54	124.62	PHASE
366	2.37	48.10	612	29.42	20.26	7.56	3.87	6.24	.93	1.93	1.01	AMP
				136.08	327.04	35.27	192.99	269.30	349.11	167.15	117.63	PHASE
367	-6.89	41.77	612	23.10	19.38	6.29	5.34	4.23	.55	1.65	.68	AMP
				140.46	342.22	41.21	187.72	271.39	28.16	207.03	21.71	PHASE
368	-4.66	42.00	612	23.67	19.45	6.74	5.03	4.91	.60	1.73	.45	AMP
				133.62	338.36	36.05	175.97	257.68	12.98	190.17	254.20	PHASE
369	-2.25	43.56	612	24.42	19.57	7.27	4.76	5.21	.56	1.87	.39	AMP
				142.16	343.83	44.12	185.15	270.21	25.61	205.46	358.43	PHASE
370	.49	44.43	612	24.95	19.61	7.96	4.29	5.51	.71	1.79	.54	AMP
				147.68	343.04	42.00	178.56	261.45	22.77	192.51	315.14	PHASE
371	2.11	45.05	611	25.27	19.40	3.04	3.82	5.54	.73	1.87	.59	AMP
				143.88	333.02	43.20	181.73	263.54	34.45	195.99	291.22	PHASE
372	3.41	46.62	613	25.15	19.37	3.45	3.74	5.57	.84	1.94	.53	AMP
				143.60	337.14	43.25	177.11	263.07	24.73	193.14	271.00	PHASE
373	4.79	47.50	612	27.09	33.18	3.56	3.54	5.54	.42	3.25	.65	AMP
				139.09	331.01	33.24	169.24	254.54	23.02	183.15	228.28	PHASE

CHORDWISE 77 PERCENT RADIUS												
RUN NO		38										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	55.02	37.49	612	13.75	13.53	8.69	6.19	10.52	7.46	4.54	1.55	AMP
				145.86	320.42	35.89	199.35	267.89	222.65	158.86	119.72	PHASE
356	55.83	39.55	611	14.18	13.29	9.40	6.21	10.02	5.25	5.05	1.49	AMP
				148.77	334.01	39.54	204.16	291.58	234.11	173.48	142.64	PHASE
357	57.55	41.93	611	12.57	11.29	10.45	5.69	8.38	6.55	6.19	1.32	AMP
				143.25	319.35	24.36	182.18	263.79	166.71	147.36	151.16	PHASE
358	59.27	39.09	612	10.74	10.00	11.44	4.75	6.92	9.23	5.64	1.91	AMP
				145.95	313.44	22.66	177.83	277.00	179.47	177.70	128.06	PHASE
359	61.37	38.86	612	8.50	9.16	11.24	3.63	6.00	7.54	3.63	2.10	AMP
				126.67	303.30	13.59	146.79	277.62	190.12	191.10	121.26	PHASE
360	56.41	34.07	612	14.02	12.96	7.97	4.54	7.66	6.17	3.93	1.52	AMP
				146.54	340.69	37.66	215.34	298.97	233.79	187.64	137.83	PHASE
361	57.34	35.00	612	13.46	11.65	8.42	4.04	7.45	6.90	4.06	1.33	AMP
				147.79	337.21	32.79	207.41	289.31	216.30	178.63	131.02	PHASE
362	58.50	38.51	613	12.65	10.71	9.46	3.76	8.19	7.15	5.68	.93	AMP
				145.21	325.77	19.87	189.98	271.42	189.68	150.83	116.80	PHASE
363	60.34	41.20	612	11.44	10.15	10.69	3.57	9.33	8.88	6.81	.82	AMP
				139.76	309.11	4.09	166.49	249.96	166.02	127.61	67.25	PHASE
364	61.99	39.68	612	10.30	10.00	11.22	3.19	8.97	8.75	6.45	.95	AMP
				142.04	315.29	19.52	179.39	283.23	203.59	169.22	100.77	PHASE
365	63.14	40.28	613	3.56	10.04	11.92	3.15	9.19	9.02	6.14	1.07	AMP
				132.30	300.90	2.17	145.07	268.44	184.76	146.07	63.77	PHASE
366	64.07	39.94	612	3.51	9.77	12.38	3.28	9.17	7.19	5.45	1.17	AMP
				123.73	294.07	35.06	119.83	254.03	101.71	139.54	66.44	PHASE
367	58.42	34.19	612	13.45	11.00	7.14	2.00	7.20	9.23	3.44	1.16	AMP
				144.03	318.25	39.89	219.99	285.98	244.58	226.37	115.54	PHASE
368	59.03	34.78	612	13.14	10.07	8.04	2.58	7.63	11.47	2.90	1.36	AMP
				142.69	330.21	25.80	211.11	259.88	220.22	190.23	35.26	PHASE
369	60.09	40.47	612	12.01	9.61	8.90	2.07	7.02	11.98	3.02	1.02	AMP
				133.79	324.77	27.45	214.28	265.61	236.80	185.74	108.52	PHASE
370	61.78	45.72	612	11.51	9.45	12.83	1.38	8.86	12.49	4.79	1.10	AMP
				142.47	315.62	19.87	192.75	253.84	228.05	165.73	85.32	PHASE
371	63.50	43.09	611	9.45	7.91	11.26	1.05	9.30	12.24	4.65	.93	AMP
				139.35	311.66	15.04	171.10	257.54	233.77	158.23	87.35	PHASE
372	65.04	43.66	613	8.53	9.92	11.39	1.44	9.37	12.07	5.37	.63	AMP
				133.63	295.66	13.00	154.16	251.00	228.51	152.62	95.31	PHASE
373	65.84	41.93	612	7.79	13.34	12.01	2.20	9.49	10.86	5.38	.42	AMP
				122.50	293.23	359.53	125.14	236.64	215.42	140.16	92.95	PHASE

TABLE V.- Concluded

(b) Concluded

TORSION 75 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	-4.57	4.63	612	3.01	.20	.66	.48	.52	.52	.46	.33	AMP
356	-4.76	5.00	611	155.99	278.82	208.71	68.06	355.20	235.01	60.55	336.91	PHASE
357	-5.00	4.94	611	3.04	.38	.63	.49	.48	.47	.43	.36	AMP
358	-5.22	5.39	612	151.85	302.11	228.75	78.92	19.27	247.60	70.80	7.00	PHASE
359	-5.43	5.49	612	2.97	.54	.66	.61	.55	.43	.37	.22	AMP
360	-4.96	4.46	612	138.76	295.78	209.11	67.64	358.69	209.89	42.91	339.21	PHASE
361	-5.10	4.70	612	3.00	.63	.77	.44	.66	.38	.47	.22	AMP
362	-5.30	4.99	613	132.38	299.03	206.68	64.59	18.12	216.01	65.17	30	PHASE
363	-5.45	5.24	612	123.37	303.29	211.03	56.25	18.18	188.70	62.93	320.03	PHASE
364	-5.59	5.45	612	3.24	.09	.45	.37	.43	.31	.32	.20	AMP
365	-5.69	5.42	613	159.56	350.24	200.72	64.32	8.90	253.21	80.26	9.71	PHASE
366	-5.76	5.36	612	3.23	.29	.60	.34	.45	.34	.29	.19	AMP
367	-5.32	4.65	612	150.45	344.16	224.51	82.31	4.35	239.51	76.22	355.79	PHASE
368	-5.43	5.01	612	3.21	.47	.55	.33	.62	.20	.29	.20	AMP
369	-5.59	5.16	612	139.40	327.14	217.94	58.11	1.46	204.03	46.00	323.03	PHASE
370	-5.72	5.29	612	3.20	.68	.75	.36	.79	.32	.30	.18	AMP
371	-5.79	5.16	611	126.48	306.16	200.95	43.06	352.81	102.21	22.04	303.20	PHASE
372	-5.89	5.34	613	127.01	317.04	216.59	65.01	30.53	216.54	50.05	360.40	PHASE
373	-5.96	5.25	612	3.30	.80	.91	.39	.94	.33	.30	.16	AMP
				117.78	306.31	201.89	38.62	16.91	183.14	27.31	321.91	PHASE
				3.39	.94	.97	.34	1.00	.31	.39	.15	AMP
				112.46	306.97	202.55	38.55	15.36	173.96	18.60	323.53	PHASE
				3.45	.83	.88	.28	.27	.27	.26	.22	AMP
				157.21	21.25	237.85	58.92	2.44	248.48	79.03	358.66	PHASE
				3.38	.61	.65	.24	.51	.20	.26	.24	AMP
				146.02	357.09	229.43	37.45	363.34	218.47	73.24	328.43	PHASE
				3.34	.72	.74	.24	.63	.16	.23	.26	AMP
				139.89	343.44	235.53	51.39	14.24	200.04	84.25	358.16	PHASE
				3.31	.99	.95	.26	.70	.17	.26	.20	AMP
				129.50	324.72	224.26	74.01	15.60	177.33	75.51	343.37	PHASE
				3.32	.97	1.00	.32	.74	.18	.22	.29	AMP
				123.79	321.11	221.18	78.06	23.27	171.18	69.06	352.76	PHASE
				3.41	1.00	1.09	.33	.81	.22	.22	.30	AMP
				118.31	316.79	216.22	72.50	26.79	168.56	52.95	349.10	PHASE
				3.51	1.16	1.14	.32	.91	.27	.18	.33	AMP
				110.44	309.76	207.96	52.01	21.25	142.22	15.61	332.60	PHASE

PITCH LINK												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	3.17	10.72	612	5.31	3.29	1.91	1.75	.59	1.03	.65	.33	AMP
356	3.01	12.96	611	337.00	96.85	267.57	161.53	254.10	128.46	6.23	323.39	PHASE
357	4.42	12.00	611	6.92	3.70	1.86	1.80	.51	.93	.85	.44	AMP
358	5.52	13.81	612	324.65	120.85	275.44	174.99	298.44	149.56	29.45	337.99	PHASE
359	6.62	14.07	612	6.74	4.12	1.53	1.70	.50	.61	.01	.31	AMP
360	4.68	11.77	612	388.36	118.18	289.71	175.14	289.41	114.80	15.13	305.55	PHASE
361	4.86	12.21	612	7.13	3.73	.74	2.32	.71	.37	1.14	.50	AMP
362	5.16	12.64	613	294.84	185.37	314.62	184.89	279.41	105.78	24.84	314.36	PHASE
363	5.00	14.62	612	7.09	3.84	.55	2.03	.89	.35	1.09	.73	AMP
364	6.18	14.81	612	278.86	94.13	49.92	188.41	266.73	8.73	25.95	305.30	PHASE
365	6.68	15.68	613	7.30	2.67	1.96	2.07	.58	.37	.46	.10	AMP
366	7.19	15.37	612	342.05	118.22	274.33	168.00	287.32	172.38	37.58	46.11	PHASE
367	5.71	10.86	612	6.91	3.05	1.41	2.14	.59	.41	.55	.12	AMP
368	5.77	11.53	612	331.76	128.55	272.85	165.22	312.41	153.43	23.20	329.41	PHASE
369	6.10	12.28	612	8.84	3.82	1.86	2.09	.97	.23	.60	.13	AMP
370	6.48	13.23	612	317.73	125.67	266.69	161.47	284.84	115.70	356.80	265.78	PHASE
371	6.59	13.47	611	7.26	4.14	.41	2.37	1.45	.22	.00	.14	AMP
372	6.89	14.97	613	383.32	115.89	285.51	158.85	269.91	83.26	337.77	238.60	PHASE
373	7.11	15.52	612	7.20	3.90	.31	2.68	1.62	.12	.76	.09	AMP
				382.16	125.67	19.50	185.68	304.39	84.84	17.46	252.18	PHASE
				7.59	3.74	.70	3.00	1.92	.18	.85	.15	AMP
				289.74	112.30	51.66	171.76	285.64	40.33	358.50	213.19	PHASE
				8.07	3.23	1.46	3.19	1.91	.22	.82	.18	AMP
				279.88	106.23	63.61	170.18	280.20	33.56	348.24	175.77	PHASE
				7.54	2.69	.81	1.75	.52	.46	.62	.09	AMP
				342.28	131.24	263.95	161.82	270.11	160.57	31.19	358.19	PHASE
				6.88	3.19	.41	1.92	.70	.30	.55	.06	AMP
				326.70	134.88	274.33	159.88	263.48	148.94	20.25	339.20	PHASE
				6.63	3.76	.16	2.17	.95	.21	.21	.21	AMP
				321.90	139.35	334.50	170.87	273.55	89.61	21.87	326.72	PHASE
				6.93	4.27	.78	2.26	1.13	.20	.98	.28	AMP
				311.23	134.30	40.18	170.37	273.36	34.03	14.51	300.63	PHASE
				7.01	4.32	.98	2.31	1.23	.43	.89	.17	AMP
				306.44	134.37	51.28	175.90	279.76	21.94	15.32	1.85	PHASE
				7.79	4.66	1.37	2.62	1.54	.47	.95	.17	AMP
				301.71	131.58	53.80	177.64	283.84	22.60	7.14	357.34	PHASE
				7.93	4.43	1.94	3.00	1.82	.64	.91	.21	AMP
				292.40	123.80	56.35	170.93	275.65	1.79	346.90	342.97	PHASE

TABLE VI.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR
ACR BLADE WITH RECTANGULAR TIP AND 4° TABS

(a) $\mu = 0.20$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CU/SIGMA
168	-1.2	2.8	2.1	.05367	.00088	.00184
169	-1.5	3.3	4.1	.07184	.00109	.00237
170	-2.2	4.2	6.1	.08732	.00054	.00317
171	-2.3	5.4	8.0	.10218	-.00019	.00422
172	-2.9	6.4	10.1	.11556	-.00129	.00558
173	-3.4	7.0	12.1	.12696	-.00151	.00720
174	-3.6	7.4	13.1	.12887	-.00148	.00826
175	-.2	2.3	.1	.03602	.00116	.00161
176	.2	1.5	-1.9	.01860	.00132	.00143
177	.3	1.6	-2.1	.03225	.00519	.00102
178	-.3	2.1	.1	.05191	.00704	.00095
179	-.8	3.1	2.1	.06853	.00808	.00116
180	-1.6	4.3	4.1	.08354	.00819	.00188
181	-1.8	4.7	6.1	.10066	.00994	.00220
182	-2.1	5.4	8.1	.11576	.01069	.00317
183	-3.1	6.6	10.0	.12700	.00993	.00465
184	-3.5	7.5	11.1	.13100	.00907	.00558
185	-4.0	8.1	12.1	.13279	.00859	.00665
186	-.4	3.2	2.1	.03601	-.00226	.00228
187	-.2	3.7	4.1	.05448	-.00384	.00291
188	-.8	4.4	6.0	.06947	-.00558	.00367
189	-1.3	5.2	8.1	.08503	-.00746	.00481
190	-1.6	5.8	10.1	.10080	-.00883	.00582
191	-2.3	6.7	12.1	.11401	-.01093	.00756
192	-2.8	7.4	13.1	.11742	-.01216	.00850
193	-.1	2.4	4.1	.04078	-.00638	.00285
194	-.8	3.6	6.0	.05463	-.00916	.00382
196	-1.4	4.6	8.0	.06939	-.01232	.00500
197	-1.8	5.2	10.0	.08592	-.01530	.00630
198	-2.4	6.0	12.1	.10069	-.01829	.00780
199	-2.5	6.3	13.1	.10713	-.01945	.00872

TABLE VI.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO 34												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	50.82	12.60	600	4.32	3.82	.46	.52	4.54	1.62	.60	1.40	AMP
				143.55	328.83	338.59	139.39	331.82	272.92	38.47	296.41	PHASE
169	52.69	14.92	600	3.80	3.56	1.21	.61	5.53	2.10	1.83	2.19	AMP
				142.81	332.48	312.17	172.66	327.74	278.38	355.84	289.89	PHASE
170	54.95	16.27	600	3.35	3.08	1.89	.95	6.34	2.45	1.55	2.93	AMP
				129.83	339.83	297.22	192.74	387.64	268.73	358.78	271.42	PHASE
171	57.81	17.48	600	3.34	4.54	2.21	1.24	6.57	2.58	1.60	2.97	AMP
				113.26	352.86	294.38	228.31	299.43	258.73	341.58	267.24	PHASE
172	59.89	18.89	600	3.57	5.61	2.88	1.79	5.86	2.88	1.11	2.77	AMP
				82.31	4.58	272.59	183.54	382.46	227.95	355.89	268.58	PHASE
173	60.77	20.77	600	5.58	5.18	5.18	3.87	3.85	1.82	1.63	1.66	AMP
				58.38	3.24	224.72	286.95	267.39	217.88	348.29	291.77	PHASE
174	60.97	25.88	600	6.77	6.95	7.18	3.23	.89	.88	2.67	1.87	AMP
				58.43	354.92	234.68	182.37	258.58	127.58	28.34	271.57	PHASE
175	47.23	13.24	600	5.41	4.53	1.14	1.83	3.37	1.55	1.46	1.38	AMP
				141.39	318.83	88.64	62.73	316.53	258.68	118.86	296.92	PHASE
176	44.88	12.44	600	5.41	5.37	2.52	1.28	2.62	1.36	.69	.97	AMP
				141.85	321.88	184.53	67.24	349.13	274.83	165.85	339.92	PHASE
177	45.78	12.84	600	5.97	5.28	2.17	1.38	2.83	1.19	.44	.56	AMP
				147.53	389.85	186.11	77.72	.97	277.88	189.58	316.68	PHASE
178	48.37	13.11	600	5.76	5.48	1.32	.98	3.82	1.83	.83	.83	AMP
				158.98	389.45	89.38	185.35	355.87	278.93	151.88	317.55	PHASE
179	58.74	12.33	600	5.58	3.72	.89	.67	3.12	1.48	.44	.92	AMP
				148.88	389.59	48.87	153.46	348.78	267.88	158.12	317.41	PHASE
180	52.98	11.62	600	5.16	3.23	1.26	.83	3.82	1.51	.34	.68	AMP
				137.55	311.81	347.69	218.78	296.89	227.16	158.86	239.64	PHASE
181	55.25	14.31	600	4.29	2.88	1.79	1.76	4.81	2.82	.75	1.23	AMP
				131.92	324.61	328.21	225.65	298.58	228.96	231.74	198.49	PHASE
182	57.37	17.61	600	3.77	3.86	2.38	2.61	4.28	2.83	1.88	1.78	AMP
				114.46	339.69	284.89	231.82	287.27	219.34	219.88	188.17	PHASE
183	58.81	21.24	600	4.24	3.86	2.13	2.53	3.82	3.85	2.41	1.88	AMP
				81.11	358.31	233.32	196.46	238.18	191.15	177.49	126.46	PHASE
184	59.35	25.45	600	5.28	4.21	3.95	2.63	6.68	3.54	1.45	1.38	AMP
				69.14	358.88	217.81	238.17	256.71	223.65	233.43	135.23	PHASE
185	59.66	24.78	600	6.35	6.58	6.59	2.29	5.66	1.47	1.18	2.18	AMP
				58.19	358.61	245.69	261.42	265.13	219.48	75.51	115.53	PHASE
186	48.49	9.87	609	5.81	4.83	1.88	.79	2.88	.98	.19	.75	AMP
				141.14	339.39	83.99	32.78	329.47	284.38	54.16	384.45	PHASE
187	51.16	11.94	609	4.75	3.91	.32	.24	3.65	1.33	.79	1.47	AMP
				145.11	344.73	1.44	12.71	324.88	284.83	25.54	287.83	PHASE
188	53.42	14.48	609	4.28	3.79	1.81	.57	5.18	1.81	1.25	2.87	AMP
				136.84	347.21	295.28	287.11	388.78	247.21	353.46	252.37	PHASE
189	55.77	17.27	609	3.79	3.93	1.66	1.35	6.41	2.22	1.68	2.48	AMP
				128.78	7.82	296.21	288.84	328.48	263.71	25.81	287.85	PHASE
190	58.34	18.56	609	3.49	4.72	2.18	2.13	6.18	2.68	1.36	2.68	AMP
				183.72	15.77	277.48	198.89	318.92	241.76	9.58	278.28	PHASE
191	60.58	21.64	609	4.48	5.65	2.58	2.92	5.68	3.12	2.22	3.35	AMP
				73.98	31.78	234.18	196.31	311.44	264.89	355.19	291.37	PHASE
192	61.13	25.14	609	5.67	6.29	4.28	2.73	6.55	2.11	3.82	3.84	AMP
				68.92	23.81	221.66	168.13	389.55	264.88	349.66	271.32	PHASE
193	58.88	9.86	609	3.67	3.27	.37	.35	2.84	.68	.88	.71	AMP
				148.28	358.54	41.28	56.55	349.34	293.85	69.88	318.68	PHASE
194	52.42	18.71	609	3.88	3.38	.88	.14	2.98	.58	.88	.85	AMP
				136.73	355.68	389.18	47.88	315.25	264.77	18.41	255.99	PHASE
196	54.88	12.23	609	3.68	3.75	1.28	.38	3.55	.71	.76	.96	AMP
				127.54	8.92	299.25	192.68	314.84	249.46	19.91	257.33	PHASE
197	57.56	14.88	609	3.22	4.52	2.87	.82	4.49	1.13	1.85	1.33	AMP
				185.18	12.91	275.14	169.56	293.63	284.74	7.38	212.33	PHASE
198	60.16	17.14	609	3.74	5.71	2.83	1.32	4.54	1.39	1.31	1.48	AMP
				74.76	12.68	257.77	146.23	288.28	184.41	345.18	182.92	PHASE
199	61.21	21.38	609	4.93	5.98	3.88	1.87	6.66	1.48	1.97	1.43	AMP
				65.83	24.88	246.83	162.28	292.85	231.88	337.33	198.78	PHASE

TABLE VI.- Continued

(a) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	58.68	31.24	688	21.87	4.27	.58	1.88	6.73	1.16	1.62	.49 AMP
169	49.68	57.96	688	388.74	134.64	211.41	358.74	245.85	176.45	24.58	334.94 PHASE
170	48.88	72.99	688	36.38	5.82	7.18	3.29	4.92	5.67	2.15	.83 AMP
171	47.26	97.91	688	326.99	126.71	157.62	345.98	244.95	152.47	62.74	346.87 PHASE
172	47.89	189.47	688	81.78	5.34	18.97	4.17	4.37	6.85	.89	.68 AMP
173	49.33	148.81	688	332.68	124.55	166.18	329.45	197.48	119.48	3.19	326.77 PHASE
174	51.42	156.89	688	71.96	4.41	14.23	5.38	7.49	7.74	2.15	.45 AMP
175	46.38	29.47	688	348.26	138.11	184.34	329.27	146.53	94.34	319.66	337.52 PHASE
176	46.98	28.88	688	91.86	.98	14.42	5.53	18.85	2.82	5.84	1.57 AMP
177	46.41	25.37	688	345.73	249.69	287.84	339.48	144.18	68.11	333.74	38.78 PHASE
178	44.33	36.47	688	189.13	3.98	3.89	2.88	21.21	15.56	6.67	1.92 AMP
179	42.28	58.12	688	358.27	284.43	219.75	187.69	161.88	127.43	146.28	229.85 PHASE
180	48.71	62.41	688	117.21	13.24	3.87	3.29	13.88	18.92	4.96	2.19 AMP
181	38.89	85.31	688	5.77	251.48	197.99	286.72	212.39	214.98	223.14	29.88 PHASE
182	38.89	184.93	688	12.73	3.19	3.87	1.99	4.69	7.71	1.46	.44 AMP
183	39.59	119.41	688	275.36	147.65	261.37	37.28	254.33	186.95	48.52	382.27 PHASE
184	41.58	129.27	688	5.67	2.85	1.48	2.15	5.22	5.64	.98	.36 AMP
185	44.21	158.24	688	268.88	138.38	251.73	73.57	287.95	188.92	98.26	12.74 PHASE
186	46.56	25.89	689	11.98	3.87	4.26	2.34	3.34	5.67	1.17	.89 AMP
187	46.84	43.97	689	266.82	125.68	239.84	66.84	279.73	192.65	73.48	52.82 PHASE
188	46.32	61.55	689	23.63	4.99	2.98	1.68	5.33	5.48	.79	.46 AMP
189	46.42	84.89	689	294.87	124.94	291.93	69.58	253.22	384.56	53.85	38.57 PHASE
190	46.27	188.88	689	35.49	8.41	2.15	1.73	6.69	1.74	1.71	.43 AMP
191	48.85	129.32	689	313.68	117.47	171.86	12.68	274.68	79.16	68.88	.81 PHASE
192	58.89	147.53	689	48.84	18.16	5.53	3.19	4.68	1.33	1.15	.37 AMP
193	47.88	38.18	689	317.71	187.93	162.95	335.59	256.48	139.24	55.35	337.94 PHASE
194	48.84	45.16	689	66.15	12.33	12.93	3.77	2.25	2.54	1.64	.54 AMP
195	48.78	63.94	689	336.87	183.44	179.37	331.18	115.28	65.45	233.55	384.85 PHASE
196	48.78	83.94	689	85.38	11.75	16.11	4.98	8.74	5.33	2.74	.23 AMP
197	49.41	85.79	689	345.49	99.69	195.95	318.89	163.75	166.55	288.98	335.42 PHASE
198	58.83	189.18	689	99.55	7.99	11.33	4.94	7.75	6.43	5.31	1.37 AMP
199	51.57	128.52	689	349.83	96.19	223.81	391.78	148.25	384.67	341.84	73.18 PHASE
				186.85	4.91	6.43	4.88	15.64	18.69	9.89	3.15 AMP
				355.88	188.98	248.64	48.15	145.29	88.83	112.15	193.22 PHASE
				118.62	4.24	7.35	1.38	23.52	28.73	14.21	4.48 AMP
				.36	219.97	221.33	128.87	184.15	193.83	484.74	295.28 PHASE
				29.38	4.12	3.86	3.75	6.15	6.95	1.58	.35 AMP
				324.47	156.71	169.84	342.62	248.94	165.39	87.87	2.86 PHASE
				44.98	3.44	7.35	4.18	4.72	5.74	1.17	.27 AMP
				331.48	158.85	164.46	333.33	191.14	138.21	75.53	326.47 PHASE
				54.21	1.61	11.71	4.14	8.83	6.13	.79	.54 AMP
				343.56	162.77	188.31	358.97	175.88	119.15	348.16	351.47 PHASE
				86.45	1.37	13.96	4.63	12.47	5.32	3.14	.75 AMP
				358.87	337.61	283.48	358.44	168.92	73.58	343.12	8.69 PHASE
				188.88	7.11	6.29	5.28	17.81	15.18	5.66	.97 AMP
				359.81	316.26	253.38	62.18	166.64	93.92	94.99	186.78 PHASE
				115.22	11.79	.61	2.51	23.82	17.34	6.58	1.28 AMP
				358.65	382.88	293.45	96.24	173.22	148.28	127.47	148.19 PHASE
				18.53	3.51	2.58	3.89	4.88	5.18	.91	.28 AMP
				335.28	169.19	161.88	.79	282.19	179.79	87.38	37.89 PHASE
				38.15	3.18	6.36	3.68	2.72	4.18	.79	.12 AMP
				336.42	175.27	161.46	353.77	212.88	172.81	83.88	353.25 PHASE
				49.13	2.85	9.96	4.28	5.83	1.65	.53	.25 AMP
				343.82	214.35	182.86	6.68	177.48	159.76	344.12	28.87 PHASE
				73.21	3.28	14.36	4.98	18.88	3.98	1.58	.39 AMP
				347.83	267.41	184.65	4.51	151.49	38.96	331.62	337.11 PHASE
				97.35	7.86	15.96	4.93	13.99	7.85	1.76	.36 AMP
				348.19	276.82	183.84	356.68	144.15	19.19	332.39	336.78 PHASE
				188.24	9.63	18.83	2.38	18.17	12.58	3.15	.53 AMP
				358.16	298.97	187.28	13.73	161.52	91.22	73.64	281.89 PHASE

TABLE VI.- Continued

(a) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
160	5.22	2.99	600	1.56	.36	.35	.30	.70	.20	.04	.02
160				46.05	344.12	100.52	175.40	223.71	195.57	105.79	224.10
169	4.54	4.24	600	2.16	.33	.51	.04	.30	.04	.04	.04
169				45.76	19.53	142.06	177.72	216.07	196.50	119.10	320.70
170	3.96	6.66	600	2.92	1.30	.51	.73	1.00	.20	.03	.14
170				40.91	21.77	172.91	176.40	194.01	206.54	357.07	299.25
171	3.29	6.00	600	4.07	1.96	1.04	.05	1.01	.13	.09	.22
171				37.50	29.21	109.03	106.59	197.47	246.09	323.51	310.29
172	2.33	12.61	600	6.12	3.25	2.49	1.60	1.10	.60	.25	.29
172				31.27	40.73	199.10	232.76	260.77	350.99	73.04	219.24
173	-4.2	22.30	600	10.79	2.04	4.52	1.37	2.90	2.70	2.10	.72
173				25.73	59.61	254.62	31.74	175.70	267.60	346.75	40.44
174	-2.71	30.70	600	13.79	2.54	6.13	1.41	5.10	6.35	3.50	.03
174				21.34	22.47	277.52	330.15	267.99	332.76	36.51	25.01
175	5.46	2.10	600	1.17	.46	.51	.07	.39	.25	.17	.04
175				35.91	270.57	102.27	206.53	202.00	212.21	137.70	55.33
175	6.04	2.50	600	.02	.79	.70	.07	.16	.20	.14	.01
175				23.40	260.00	124.42	25.49	260.79	242.15	152.22	112.54
177	6.20	2.90	600	1.25	.94	1.00	.23	.12	.00	.00	.01
177				29.10	292.12	121.40	94.05	.45	205.47	110.90	309.33
178	5.49	2.97	600	1.66	.65	.95	.44	.25	.05	.03	.03
178				36.90	259.20	116.22	103.74	247.70	129.50	03.64	136.07
179	4.76	3.51	600	2.10	.11	1.12	.47	.30	.14	.00	.03
179				30.10	294.35	123.20	146.46	227.41	192.10	112.14	03.31
180	4.00	4.47	600	2.60	.60	1.10	.50	.50	.07	.09	.00
180				31.49	49.00	120.13	140.17	170.40	124.16	69.19	60.90
181	3.02	6.62	600	3.07	1.67	1.44	.72	.47	.20	.11	.06
181				25.50	67.57	130.79	177.34	216.12	39.34	72.07	101.74
182	2.03	9.04	600	5.57	2.17	1.40	.37	.40	.30	.19	.00
182				24.91	70.35	109.40	314.94	113.15	130.00	210.67	171.70
183	.27	17.97	600	0.53	2.59	3.20	2.36	1.47	1.30	1.34	.60
183				10.53	71.01	229.07	320.23	40.09	95.31	155.39	216.21
184	-1.19	22.75	600	10.92	2.15	4.46	2.90	3.77	3.09	1.07	.71
184				10.10	69.99	260.09	12.79	145.09	210.70	279.72	359.20
185	-3.36	29.49	600	14.11	2.57	5.42	1.97	5.12	6.15	4.43	2.70
185				16.29	32.21	291.46	27.72	236.90	317.01	27.06	77.00
186	4.71	2.35	600	1.51	.76	.30	.15	.20	.07	.01	.00
186				50.05	320.93	194.11	141.43	215.69	222.91	40.63	152.79
187	4.11	3.32	600	2.10	1.03	.57	.42	.42	.22	.04	.04
187				47.01	346.62	200.44	173.50	220.56	233.20	131.00	355.44
188	3.52	4.39	600	2.72	1.29	.72	.59	.54	.25	.05	.04
188				40.44	350.65	193.10	163.60	200.43	190.47	69.29	310.72
189	2.09	5.79	600	3.50	1.64	1.04	.77	.05	.10	.04	.05
189				41.00	13.16	205.91	101.03	225.37	250.75	110.91	337.60
190	2.23	0.76	600	5.00	2.45	1.61	.04	.75	.15	.11	.00
190				36.66	24.50	202.34	101.35	220.00	346.40	64.67	219.09
191	.01	15.93	600	0.20	2.99	3.31	.91	1.12	.91	.00	.40
191				36.34	56.65	243.10	12.19	154.31	251.49	324.11	13.50
192	-.37	20.01	600	10.44	2.05	4.14	.69	2.19	2.29	1.41	.36
192				32.40	51.93	254.04	49.36	215.46	292.93	359.52	.04
193	4.22	2.45	600	1.69	.74	.31	.21	.12	.12	.04	.02
193				40.02	340.43	222.10	100.55	245.47	247.25	127.35	36.07
194	3.57	3.15	600	2.24	.90	.43	.20	.24	.12	.06	.02
194				42.34	340.09	215.25	179.15	200.26	194.21	100.16	313.10
196	2.93	4.15	600	2.95	1.27	.64	.32	.47	.17	.04	.03
196				42.77	.00	220.04	101.07	196.30	225.46	112.06	29.30
197	2.34	5.53	600	3.00	1.02	.99	.43	.77	.17	.10	.02
197				36.75	3.05	209.94	125.21	172.17	229.05	12.36	320.05
198	1.05	7.42	600	5.20	2.54	1.20	.59	.92	.30	.21	.04
198				33.22	3.69	200.11	02.00	150.00	239.51	330.07	251.52
199	1.00	14.01	600	7.22	2.13	2.09	1.71	2.77	1.45	.72	.10
199				36.31	23.75	249.44	05.70	169.30	240.34	333.00	13.50

TABLE VI.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	34.68	14.25	688	8.85	4.92	1.38	.13	3.89	.57	.11	.25
169	37.12	16.18	688	143.56	324.68	317.79	96.52	334.78	286.46	311.33	91.91
170	39.38	18.24	688	8.23	4.79	2.34	.32	3.87	.82	.11	.54
171	41.61	19.58	688	146.85	324.14	316.32	228.95	338.15	294.88	42.89	73.42
172	43.76	20.41	688	8.22	4.79	3.19	.62	4.43	.86	.88	.88
173	45.33	22.65	688	143.84	325.48	384.83	231.46	313.42	277.27	57.84	58.18
174	45.25	25.37	688	8.82	5.25	3.49	.94	4.56	.77	.87	.93
175	32.82	15.83	688	141.34	332.79	385.58	254.46	387.11	274.52	32.56	56.24
176	29.69	16.23	688	8.66	5.57	2.66	.96	3.66	.58	.29	.92
177	38.11	15.28	688	137.88	344.17	388.98	181.47	311.73	268.18	355.32	46.95
178	32.69	14.87	688	8.37	5.12	4.69	2.76	2.98	.28	.36	.43
179	34.99	14.65	688	131.28	336.16	222.39	216.63	288.82	254.28	88.18	38.45
180	37.29	14.26	688	7.15	8.32	6.51	2.52	.66	.28	.21	.21
181	39.64	14.64	688	129.88	335.98	238.48	189.98	321.49	146.33	145.53	13.64
182	41.86	15.78	688	8.69	6.19	.98	.57	2.46	.54	.13	.18
183	43.38	17.61	688	136.97	318.58	52.87	67.51	319.45	278.18	336.34	187.26
184	43.86	21.88	688	8.28	7.12	2.21	.75	1.76	.54	.12	.15
185	44.83	25.17	688	137.88	322.29	86.89	72.11	353.34	294.33	387.35	165.81
186	34.13	13.84	689	8.86	6.97	1.68	.51	1.94	.59	.18	.87
187	36.67	13.65	689	138.73	312.53	76.48	86.45	356.49	299.53	288.81	172.53
188	38.82	13.93	689	9.38	6.18	1.12	.22	2.11	.43	.14	.86
189	41.19	16.47	689	144.87	312.59	38.11	168.74	353.83	285.84	223.98	118.48
190	43.67	18.33	689	9.54	5.46	1.68	.48	2.29	.58	.89	.16
191	45.71	21.81	689	145.37	388.51	354.83	232.95	348.58	288.11	294.14	135.18
192	46.58	24.98	689	9.68	4.67	2.69	1.82	2.29	.68	.85	.19
193	36.28	11.79	689	148.13	382.15	328.58	252.21	299.48	246.65	184.59	11.88
194	38.38	11.95	689	9.62	3.91	3.55	1.55	2.89	.88	.15	.39
195	48.84	12.97	689	141.53	383.91	322.96	249.75	295.96	258.88	231.64	1.67
196	48.84	12.97	689	9.63	4.33	4.16	2.13	3.24	.94	.28	.71
197	43.38	15.89	689	148.84	388.69	383.16	243.55	292.22	258.48	317.85	1.31
198	46.81	16.63	689	9.31	4.97	1.79	2.68	3.11	1.11	.28	.67
199	46.99	19.92	689	135.43	317.84	274.83	193.89	251.66	218.22	315.11	328.82
				9.83	5.73	3.17	2.96	4.91	.95	.21	.63
				133.88	319.32	218.33	227.55	271.48	247.45	68.89	323.21
				8.88	8.86	6.87	2.75	3.88	.68	.58	.68
				128.14	338.18	246.45	268.23	285.58	211.49	215.62	382.28
				8.42	5.46	1.15	.49	1.43	.34	.87	.13
				139.55	337.43	68.31	32.14	348.19	299.89	328.88	132.37
				8.88	5.84	1.89	.31	2.65	.47	.16	.23
				143.81	338.27	359.13	353.81	328.65	291.45	9.82	87.98
				9.81	4.65	1.92	.49	3.58	.68	.86	.51
				148.21	336.54	317.11	243.38	385.82	248.56	54.97	48.28
				9.28	4.43	2.65	.92	4.45	.75	.87	.62
				144.18	351.64	316.79	228.87	326.72	275.38	145.37	71.67
				9.26	4.64	2.85	1.45	4.54	.83	.15	.74
				148.47	358.63	382.47	211.49	318.26	251.33	47.38	58.52
				8.79	4.75	2.85	2.46	4.38	1.87	.54	.88
				138.72	28.16	244.23	287.65	322.86	267.48	85.35	74.25
				8.62	5.86	4.14	2.17	4.46	.85	.55	.79
				138.82	14.84	223.55	186.27	322.58	256.98	96.53	53.68
				7.63	4.22	1.81	.27	1.57	.32	.87	.82
				146.64	349.88	13.21	38.94	347.53	381.18	358.99	118.98
				8.11	4.85	1.47	.86	2.19	.28	.88	.13
				141.45	346.33	338.87	335.82	314.42	256.18	326.82	43.59
				8.21	4.18	2.87	.39	2.54	.28	.87	.88
				143.41	356.38	323.76	215.89	317.58	268.27	256.73	61.84
				8.32	4.41	2.84	.87	3.29	.33	.83	.36
				141.15	8.82	299.21	185.24	297.87	233.63	237.67	19.74
				8.48	5.18	3.38	1.26	3.47	.36	.11	.38
				136.78	2.47	282.88	166.62	285.96	224.72	8.93	347.61
				8.45	4.78	3.84	1.14	4.98	.36	.33	.48
				137.51	16.18	261.12	288.99	388.91	253.25	51.78	19.42

TABLE VI.- Continued

(a) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	33.12	28.44	600	16.63	3.45	1.05	2.19	6.91	1.12	2.61	.74 AMP
				297.40	132.16	257.31	348.74	259.81	193.40	20.45	99.40 PHASE
169	31.42	48.53	600	25.95	5.16	4.86	4.26	5.00	7.91	5.14	1.53 AMP
				323.40	125.28	176.69	345.77	268.58	147.69	72.22	47.30 PHASE
170	30.63	56.92	600	36.35	5.43	8.25	5.74	3.55	9.00	2.34	2.01 AMP
				330.11	123.45	104.17	329.15	236.19	113.67	71.57	52.52 PHASE
171	28.07	75.41	600	50.74	5.37	11.76	7.49	4.65	12.15	1.54	2.05 AMP
				338.51	124.87	201.67	329.47	145.07	90.31	314.87	56.42 PHASE
172	27.86	87.76	600	64.83	2.09	12.91	7.16	9.29	5.12	7.34	4.42 AMP
				344.57	146.71	222.62	341.00	144.34	65.96	327.93	53.68 PHASE
173	27.64	121.86	600	77.74	2.45	5.58	1.71	24.35	21.15	11.50	1.28 AMP
				357.04	230.19	239.98	170.13	167.33	130.47	130.96	72.07 PHASE
174	28.99	139.98	600	82.64	11.14	3.60	5.00	19.10	27.20	9.52	4.56 AMP
				4.76	241.52	256.17	223.67	216.26	210.85	197.49	56.09 PHASE
175	28.17	28.97	600	11.06	2.71	3.12	2.46	5.67	11.41	1.79	.52 AMP
				272.86	137.52	257.66	27.68	260.26	107.73	33.10	25.59 PHASE
176	28.56	22.33	600	6.00	1.81	.87	2.12	5.48	7.90	1.00	.08 AMP
				262.34	115.60	263.14	67.09	200.75	101.56	104.18	98.26 PHASE
177	28.41	25.99	600	40.35	12.52	10.94	6.25	3.79	8.22	1.45	.08 AMP
				262.88	115.96	239.45	61.76	284.75	190.93	60.21	29.49 PHASE
178	26.82	32.99	600	18.45	4.72	2.60	1.84	5.46	8.24	1.39	.97 AMP
				291.16	124.27	290.06	61.36	259.74	302.69	35.00	104.32 PHASE
179	25.01	43.12	600	26.39	7.86	2.02	2.23	6.96	2.62	3.71	.27 AMP
				310.20	117.87	217.57	12.47	203.15	60.93	65.05	30.90 PHASE
180	23.45	47.85	600	35.75	9.60	5.34	4.42	5.27	1.23	3.38	.86 AMP
				315.54	107.90	190.05	333.34	269.51	120.65	49.71	359.90 PHASE
181	20.31	67.61	600	40.35	12.52	10.94	6.25	1.06	3.91	2.71	1.50 AMP
				334.52	105.05	200.30	324.90	39.63	50.67	201.55	349.54 PHASE
182	17.09	88.55	600	62.26	12.80	14.35	7.73	7.00	6.23	4.69	2.05 AMP
				343.71	107.72	210.01	319.59	176.36	150.40	207.11	356.03 PHASE
183	17.86	97.63	600	72.94	8.96	11.05	5.43	6.67	9.73	9.84	2.21 AMP
				340.29	111.27	245.01	356.42	169.20	307.59	334.26	31.21 PHASE
184	19.51	104.54	600	77.74	5.82	8.13	3.94	14.05	12.45	13.23	3.42 AMP
				353.19	129.66	270.43	30.45	156.52	01.60	106.20	196.90 PHASE
185	21.49	137.72	600	80.42	5.49	7.98	1.37	27.24	20.49	22.73	5.19 AMP
				350.35	212.12	264.19	251.00	196.52	203.32	201.02	279.17 PHASE
186	26.88	22.68	600	107.74	3.01	2.02	2.09	5.99	3.04	1.61	.50 AMP
				200.92	167.99	297.69	354.62	264.77	231.20	57.05	99.76 PHASE
187	26.13	36.65	600	21.59	3.40	1.00	4.48	6.07	9.35	3.01	1.00 AMP
				320.75	151.71	201.62	345.61	256.55	162.53	93.47	62.17 PHASE
188	25.73	49.06	600	31.86	3.21	5.19	5.07	4.43	7.93	3.07	1.00 AMP
				320.27	143.70	106.06	337.15	216.05	133.59	92.50	49.34 PHASE
189	25.10	63.04	600	45.15	2.32	9.11	5.46	5.65	8.98	1.26	1.71 AMP
				341.14	146.26	205.45	350.97	103.53	112.23	172.72	56.29 PHASE
190	23.67	77.63	600	60.95	.81	12.14	6.10	9.82	8.84	4.73	2.20 AMP
				340.66	101.45	217.02	350.20	173.43	65.71	341.54	45.78 PHASE
191	24.20	111.28	600	76.11	3.47	6.79	4.81	16.06	22.49	11.79	2.26 AMP
				350.37	312.20	255.55	59.05	163.02	92.00	94.70	77.00 PHASE
192	25.06	125.79	600	80.85	7.36	2.36	1.67	24.79	23.55	13.76	3.07 AMP
				357.49	295.14	240.11	127.49	177.23	139.39	120.00	60.64 PHASE
193	26.92	29.31	600	12.03	2.74	1.07	3.50	4.79	7.33	1.93	.64 AMP
				330.35	160.53	190.20	4.12	206.48	170.23	109.02	85.67 PHASE
194	26.76	37.18	600	21.94	2.37	4.03	4.20	3.01	6.05	2.56	1.17 AMP
				333.03	162.07	102.05	353.55	231.56	169.92	104.75	50.60 PHASE
196	26.42	49.24	600	34.29	1.93	7.33	5.51	4.07	2.27	.05	1.12 AMP
				341.45	199.79	197.66	6.68	196.31	159.00	166.07	72.96 PHASE
197	26.22	63.50	600	50.00	1.94	11.49	6.25	9.22	6.02	2.10	.02 AMP
				345.14	259.81	196.79	356.25	157.79	24.09	321.09	7.35 PHASE
198	25.53	83.20	600	67.95	4.67	13.60	6.31	12.50	11.10	3.36	1.52 AMP
				346.07	273.34	194.93	346.41	149.94	13.65	341.19	306.47 PHASE
199	26.58	102.77	600	75.30	5.30	10.20	3.71	17.30	10.92	0.22	2.41 AMP
				355.99	205.75	200.22	350.99	166.15	07.90	72.11	353.50 PHASE

TABLE VI.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	4.27	2.66	600	1.74	.13	.36	.23	.69	.21	.03	.06 AMP
169	3.59	3.47	600	29.68	324.02	87.11	143.77	173.27	126.41	61.70	34.47 PHASE
170	2.98	4.70	600	2.26	.49	.37	.39	.02	.20	.02	.04 AMP
171	2.37	5.90	600	33.86	12.97	113.77	142.38	167.98	130.23	104.40	29.76 PHASE
172	1.53	10.69	600	2.88	.92	.51	.60	1.00	.13	.00	.05 AMP
173	-1.23	18.50	600	32.17	10.16	132.90	142.07	146.44	150.74	224.59	328.37 PHASE
174	-3.42	23.13	600	3.78	1.43	.00	.76	.99	.11	.01	.07 AMP
175	4.65	1.97	600	31.19	14.35	149.96	151.57	151.85	293.28	171.02	297.00 PHASE
176	5.29	2.01	600	5.40	2.57	2.00	1.49	.93	.66	.20	.15 AMP
177	5.34	2.43	600	25.43	26.00	167.11	202.19	229.09	329.04	49.46	136.45 PHASE
178	4.57	2.65	600	9.44	2.36	3.47	1.21	2.28	2.22	1.66	.65 AMP
179	3.87	3.07	600	18.62	51.64	232.66	3.62	139.13	231.00	298.09	355.79 PHASE
180	3.11	3.01	600	12.06	2.01	4.06	1.48	4.41	5.24	2.69	.63 AMP
181	2.26	5.73	600	12.78	10.70	259.61	298.76	237.04	293.56	348.74	342.65 PHASE
182	1.41	6.56	600	1.44	.35	.44	.07	.39	.14	.10	.07 AMP
183	-.21	14.55	600	17.09	225.77	79.69	263.12	149.60	144.51	73.70	10.07 PHASE
184	-1.66	18.50	600	1.09	.57	.56	.02	.14	.08	.07	.04 AMP
185	-3.76	22.61	600	7.47	226.71	103.97	350.03	184.17	169.37	70.40	66.67 PHASE
186	4.01	2.19	609	1.40	.76	.62	.17	.02	.02	.07	.03 AMP
187	3.30	3.24	609	13.97	220.27	100.03	72.90	72.04	12.73	21.16	339.00 PHASE
188	2.68	4.09	609	1.75	.57	.75	.30	.26	.10	.05	.07 AMP
189	2.04	5.20	609	23.50	227.00	91.48	74.48	176.91	48.22	300.70	42.64 PHASE
190	1.40	7.28	609	2.12	.19	.99	.42	.44	.10	.07	.06 AMP
191	.00	13.67	609	26.53	223.75	98.74	112.56	175.39	117.70	23.33	37.03 PHASE
192	-1.04	16.12	609	2.50	.35	1.02	.55	.61	.08	.11	.10 AMP
193	3.50	2.47	609	22.57	34.42	94.63	111.71	136.20	10.40	.17	354.49 PHASE
194	2.07	3.00	609	3.46	1.22	1.30	.70	.44	.37	.15	.03 AMP
195	2.19	3.00	609	10.72	50.33	109.70	140.53	166.34	354.25	19.65	339.05 PHASE
196	2.19	3.00	609	4.69	1.56	1.17	.22	.40	.20	.07	.07 AMP
197	1.54	4.97	609	18.02	50.29	140.37	277.61	72.59	55.51	163.03	80.05 PHASE
198	1.04	6.31	609	7.13	2.04	2.46	2.10	1.48	1.21	.94	.45 AMP
199	.21	12.62	609	11.06	53.27	199.72	200.10	9.36	49.30	109.96	169.48 PHASE
				9.29	1.72	3.47	2.49	3.17	2.44	1.54	.63 AMP
				10.09	55.20	230.63	341.36	105.31	179.72	237.61	300.40 PHASE
				12.19	2.12	4.13	1.61	3.92	5.11	3.59	1.72 AMP
				7.32	17.92	272.13	352.31	203.09	279.04	330.41	25.06 PHASE
				1.70	.49	.27	.15	.20	.06	.03	.04 AMP
				30.64	300.63	171.37	110.10	162.60	115.09	6.99	53.50 PHASE
				2.30	.72	.53	.30	.42	.11	.04	.06 AMP
				32.00	331.42	173.79	139.00	166.16	170.10	75.07	2.50 PHASE
				2.85	.92	.65	.52	.53	.10	.03	.06 AMP
				20.64	335.51	160.70	129.10	146.53	136.34	50.81	356.07 PHASE
				3.55	1.21	.90	.66	.82	.09	.04	.07 AMP
				32.15	357.73	172.06	146.95	175.90	330.27	121.91	41.90 PHASE
				4.63	1.90	1.35	.72	.69	.30	.06	.06 AMP
				29.65	8.90	167.37	145.74	103.00	339.59	37.70	102.45 PHASE
				7.36	2.39	2.66	.84	.99	.50	.71	.30 AMP
				29.02	45.04	210.59	342.53	120.79	212.75	271.32	330.23 PHASE
				9.20	2.24	3.20	.60	1.07	1.05	1.07	.31 AMP
				25.57	43.04	231.92	6.23	102.20	257.96	307.91	334.03 PHASE
				1.93	.52	.30	.10	.21	.07	.03	.04 AMP
				34.70	331.91	190.30	150.97	107.44	179.02	70.95	33.61 PHASE
				2.45	.71	.30	.24	.26	.06	.06	.03 AMP
				29.67	331.61	101.14	144.61	143.21	120.72	63.48	335.44 PHASE
				3.04	.94	.54	.20	.47	.02	.05	.06 AMP
				32.32	342.54	105.61	147.11	147.40	101.15	94.37	355.04 PHASE
				3.76	1.39	.01	.37	.72	.00	.01	.05 AMP
				20.45	340.04	173.60	06.95	129.54	227.52	205.95	350.01 PHASE
				4.72	1.90	.95	.54	.82	.22	.09	.03 AMP
				26.50	340.17	169.07	47.74	111.31	223.40	264.25	316.46 PHASE
				6.45	1.58	1.51	1.51	2.41	1.16	.54	.10 AMP
				29.59	13.01	224.35	55.72	131.36	213.93	278.79	333.00 PHASE

TABLE VI.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	21.99	14.97	608	9.73	6.19	2.50	.50	.46	.91	.56	1.34
				140.52	321.60	334.63	315.93	85.64	84.07	203.54	114.63
169	24.50	16.61	608	9.89	6.16	3.88	.66	.59	1.10	.95	2.05
				145.48	319.70	330.27	313.59	86.56	85.06	171.20	106.91
170	26.89	18.90	608	10.14	6.19	4.70	.84	.72	1.40	1.51	2.62
				146.22	318.00	319.30	297.09	58.35	66.85	169.04	90.00
171	29.48	20.64	608	11.17	6.56	5.08	1.03	.97	1.67	1.70	2.71
				145.77	324.19	320.73	293.14	30.83	56.44	157.02	87.60
172	31.94	20.70	608	11.42	6.99	4.85	.45	.97	1.50	1.32	2.54
				145.32	336.19	325.55	281.10	21.74	47.44	173.20	90.32
173	33.64	21.71	608	11.51	6.70	3.38	1.79	.97	1.21	1.02	1.89
				143.69	331.03	230.31	255.00	2.50	42.60	150.09	117.90
174	33.40	23.15	609	9.90	5.91	5.01	.05	1.11	.33	2.78	1.35
				142.57	335.00	230.73	251.25	51.55	204.18	201.33	110.61
175	19.42	16.92	608	10.64	7.73	1.70	.33	.16	.79	.48	1.23
				131.85	316.00	6.36	312.33	100.06	54.50	276.22	100.06
176	16.91	18.66	608	10.53	8.93	2.34	.30	.35	.55	.53	.97
				130.07	320.36	60.40	326.10	191.51	80.42	327.22	160.00
177	16.92	18.05	608	10.64	8.67	2.13	.26	.44	.60	.36	.43
				131.63	309.86	42.07	207.48	106.17	84.63	351.00	134.64
178	19.63	17.81	608	11.04	7.65	2.38	.57	.29	.62	.29	1.09
				137.75	307.99	9.19	272.09	156.44	80.72	299.24	144.56
179	22.16	17.34	608	11.42	6.71	3.24	.62	.26	.63	.39	.87
				140.60	303.69	352.00	279.02	120.00	70.73	294.50	146.34
180	24.77	16.49	608	11.80	5.77	4.37	1.07	.42	.91	.16	.46
				137.88	294.20	331.92	275.20	100.00	29.96	332.47	64.70
181	27.53	17.84	608	12.47	4.94	5.46	1.49	.69	1.17	.50	1.02
				140.66	291.48	320.04	205.39	17.53	30.35	63.06	2.19
182	30.19	19.07	608	13.02	5.24	5.66	1.27	.90	1.73	1.57	1.63
				141.00	297.95	310.30	277.44	29.95	34.06	30.33	356.16
183	32.03	19.76	608	13.00	5.51	2.40	1.16	.07	2.10	2.13	1.63
				139.33	300.11	323.02	182.96	1.03	.09	353.07	296.42
184	32.52	23.00	608	13.05	6.25	1.61	1.51	1.06	2.26	1.40	1.00
				139.11	312.96	211.49	216.76	15.70	39.09	60.09	295.70
185	32.65	25.02	608	11.95	10.17	4.48	1.20	2.26	.01	1.20	2.01
				130.11	326.96	249.03	249.54	49.12	77.62	224.52	272.05
186	21.00	14.06	609	10.35	6.76	1.95	.52	.14	.49	.20	.79
				136.76	333.91	27.30	319.40	117.62	93.03	220.64	110.59
187	24.00	15.04	609	10.99	6.34	2.57	.68	.26	.71	.64	1.36
				141.03	333.31	305.90	311.48	72.62	72.43	205.47	105.51
188	27.11	16.00	609	11.42	5.81	3.46	.76	.39	1.07	1.15	1.97
				141.31	323.76	327.93	204.02	36.14	49.92	160.36	60.90
189	29.79	18.91	609	11.90	5.47	4.16	.84	.66	1.39	1.56	2.40
				147.09	340.13	332.76	200.03	50.17	67.14	201.54	104.71
190	32.66	20.02	609	12.39	5.46	4.09	.91	.84	1.76	1.44	2.05
				147.10	345.60	324.21	260.34	30.07	49.90	105.69	80.02
191	34.98	22.48	609	12.20	5.44	1.11	1.51	1.25	2.09	2.32	3.60
				149.92	10.02	276.34	242.01	36.46	73.05	171.37	109.55
192	35.76	24.00	609	11.91	5.77	3.20	1.55	1.40	1.51	3.01	3.32
				145.06	3.01	222.10	230.47	47.15	71.20	166.03	91.30
193	24.67	13.00	609	9.24	5.10	2.10	.41	.19	.34	.70	1.00
				145.65	342.34	2.64	300.60	191.70	83.17	240.09	130.70
194	27.03	14.25	609	9.96	4.05	2.76	.43	.05	.26	.63	.00
				143.30	336.32	330.56	207.37	276.62	53.13	106.70	71.60
196	29.77	15.52	609	10.30	4.04	3.33	.46	.18	.30	.79	.90
				147.97	345.57	331.64	205.17	39.16	46.15	199.09	75.70
197	32.60	17.54	609	10.76	4.90	3.79	.69	.35	.79	1.10	1.30
				140.09	347.60	312.60	254.03	40.10	14.55	190.20	31.22
198	35.70	10.61	609	11.36	5.62	3.92	.96	.39	.97	1.32	1.41
				146.90	349.43	296.63	240.56	10.00	354.95	167.70	3.90
199	36.69	20.10	609	11.49	5.15	3.53	1.29	1.07	1.10	1.00	1.45
				150.62	2.62	272.07	264.06	32.57	30.91	157.45	23.20

TABLE VI.- Continued

(a) Continuation

CHORDWISE 51 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	41.98	38.81	688	14.24	3.57	1.64	2.88	7.14	1.34	3.31	1.46
169	48.61	46.28	688	297.28	138.88	275.64	355.79	265.87	175.12	22.51	117.84
170	39.34	52.33	688	21.26	5.36	3.87	5.87	5.86	18.89	7.27	2.73
171	36.94	73.94	688	322.84	133.24	198.15	347.71	278.41	146.94	88.85	64.51
172	36.13	88.36	688	29.21	5.88	7.45	6.95	2.94	11.61	3.99	4.11
173	33.91	118.18	688	329.75	138.61	281.14	329.81	252.94	113.47	91.55	64.29
174	34.65	135.38	688	48.52	5.98	11.22	8.94	4.13	15.75	.67	5.43
175	34.78	31.98	688	338.54	138.34	214.58	338.78	138.35	92.22	381.17	64.28
176	35.43	25.57	688	58.98	3.27	12.86	7.93	9.21	6.73	8.64	7.18
177	35.55	27.85	688	344.89	141.88	238.85	342.55	139.58	73.84	338.86	68.97
178	34.78	32.58	688	61.41	3.25	7.32	2.47	26.58	24.74	14.37	3.56
179	33.53	41.51	688	356.81	281.91	239.73	285.13	169.66	136.97	141.26	61.84
180	31.83	45.52	688	63.73	11.28	5.39	6.62	22.89	33.57	12.84	6.88
181	28.89	64.51	688	4.95	238.95	268.55	234.18	218.45	224.93	197.86	61.53
182	26.38	84.26	688	9.77	2.46	2.77	2.86	6.33	13.93	2.32	.69
183	26.13	93.93	688	274.32	148.85	265.84	388.66	266.59	188.55	38.59	68.81
184	27.12	97.64	688	5.61	1.49	.59	2.38	7.18	9.36	.91	.63
185	28.75	135.99	688	262.71	185.48	296.96	72.88	291.86	182.17	183.17	156.78
186	33.42	24.16	689	9.88	2.36	2.58	2.66	4.25	9.87	1.77	.27
187	32.38	37.54	689	262.86	115.36	246.66	68.13	287.43	198.51	64.88	165.29
188	31.79	44.76	689	15.73	4.53	2.81	2.12	5.45	9.98	1.72	1.42
189	31.18	59.61	689	288.57	127.57	296.81	63.76	263.42	385.28	37.88	112.37
190	29.29	73.48	689	21.82	7.36	1.97	2.78	7.11	3.75	5.15	.35
191	28.98	187.59	689	387.79	124.13	244.84	15.92	287.65	64.94	66.54	51.42
192	38.23	121.71	689	29.83	9.17	4.74	5.38	5.52	1.58	4.98	1.56
193	32.57	34.24	689	313.84	113.41	288.22	333.33	279.18	182.48	53.32	6.89
194	32.85	36.56	689	39.26	12.44	18.63	7.55	2.34	5.44	3.54	2.58
195	31.49	44.91	689	333.15	189.18	211.38	321.81	19.83	48.81	193.46	.35
196	38.58	57.86	689	58.54	13.33	15.54	9.77	6.11	7.46	5.94	3.66
197	29.83	74.26	689	343.53	112.83	227.89	315.78	176.68	148.17	292.54	8.86
198	29.71	95.84	689	58.91	9.89	12.93	5.89	5.87	12.83	13.54	3.83
199	29.71	95.84	689	348.18	116.18	248.31	346.92	178.43	311.76	338.29	31.29
				62.61	6.45	9.47	3.41	14.97	13.63	16.33	3.29
				352.58	136.82	268.96	23.62	159.62	86.39	184.78	289.37
				63.83	5.17	18.54	3.86	29.53	33.96	27.38	6.28
				357.41	219.82	275.76	282.38	282.85	211.57	284.49	279.58
				9.28	2.57	2.88	2.44	6.48	4.63	2.81	.97
				289.96	166.85	389.55	2.83	268.62	231.88	58.45	116.18
				17.93	3.41	1.38	5.19	7.43	11.79	5.79	1.93
				328.83	155.32	238.63	358.93	261.31	162.75	9.7	76.91
				26.84	3.43	4.35	6.17	4.35	18.89	5.98	2.95
				327.76	147.73	286.34	337.61	222.92	133.39	182.83	57.14
				36.68	3.83	8.37	6.62	4.83	11.65	3.85	3.16
				341.88	148.68	222.38	355.85	179.83	113.99	175.55	74.26
				49.16	1.91	12.86	7.22	8.59	11.38	5.15	3.96
				348.33	121.88	228.98	347.22	171.39	69.75	347.11	68.34
				68.88	.76	7.25	4.47	16.19	27.49	16.15	4.38
				353.49	314.23	254.28	58.12	159.57	95.57	181.54	76.18
				63.67	4.34	3.88	1.84	25.66	27.79	18.83	6.34
				357.92	285.18	231.39	171.32	178.51	143.78	125.18	56.23
				18.28	2.39	.53	3.97	5.34	9.87	2.69	.94
				328.94	164.52	223.88	188.65	289.59	178.84	111.82	91.36
				18.14	2.28	3.14	5.85	3.38	7.52	3.79	1.98
				332.37	166.51	198.56	356.61	239.87	169.21	189.62	53.94
				28.11	1.97	6.34	6.27	3.85	3.82	1.78	2.88
				41.12	1.29	18.77	7.89	8.57	152.76	178.97	79.86
				345.22	244.12	288.79	353.95	159.13	29.48	326.24	28.54
				54.63	3.85	13.18	7.21	11.74	13.58	4.18	2.53
				347.19	274.84	285.35	342.27	151.67	16.88	354.88	319.65
				68.88	4.86	18.88	4.42	17.87	23.23	11.64	4.52
				357.58	281.53	212.17	354.18	166.32	91.99	88.48	1.87

TABLE VI.- Continued

(a) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	.44	2.26	600	1.50	.20	.21	.16	.55	.17	.02	.10 AMP
				46.14	310.34	97.40	177.35	196.39	140.59	164.75	89.09 PHASE
169	-.02	3.11	600	1.00	.35	.21	.28	.67	.16	.04	.16 AMP
				48.07	353.28	121.25	171.92	191.15	140.93	124.39	71.14 PHASE
170	-.42	4.10	600	2.35	.65	.26	.44	.03	.05	.04	.18 AMP
				46.75	358.65	145.56	166.24	170.30	176.52	60.03	41.32 PHASE
171	-.79	4.74	600	2.96	.95	.50	.60	.80	.17	.09	.19 AMP
				47.02	4.20	162.14	169.18	175.99	341.16	47.57	40.11 PHASE
172	-1.35	7.05	600	3.99	1.67	1.36	1.15	.72	.70	.27	.18 AMP
				48.46	25.63	170.40	221.19	252.97	7.07	84.50	120.52 PHASE
173	-3.43	13.30	600	6.59	1.39	2.29	.77	1.53	1.77	1.47	.69 AMP
				29.91	52.06	246.74	16.17	167.55	273.77	338.91	51.00 PHASE
174	-5.39	17.70	600	8.49	1.57	3.23	1.41	3.22	4.22	2.29	.56 AMP
				21.70	7.97	276.10	314.24	272.79	332.50	30.07	30.50 PHASE
175	.18	1.74	600	1.23	.33	.25	.05	.31	.09	.07	.09 AMP
				37.57	256.83	91.51	251.41	177.46	156.59	91.59	76.75 PHASE
176	.67	1.60	600	.95	.52	.37	.02	.15	.09	.07	.06 AMP
				31.63	253.19	124.13	101.21	221.00	165.99	53.35	136.79 PHASE
177	.60	1.90	600	1.19	.65	.39	.14	.04	.05	.11	.03 AMP
				32.01	242.55	116.16	94.98	247.14	107.50	46.51	45.07 PHASE
178	.13	2.15	600	1.45	.55	.47	.28	.22	.11	.05	.09 AMP
				39.99	251.21	102.18	92.07	206.18	00.00	345.89	55.32 PHASE
179	-.33	2.22	600	1.60	.36	.56	.30	.36	.09	.00	.13 AMP
				45.64	259.64	106.79	125.00	195.76	130.64	.43	62.49 PHASE
180	-.79	2.54	600	1.96	.20	.42	.54	.54	.06	.10	.16 AMP
				43.05	291.41	99.74	124.60	159.05	30.22	354.67	16.05 PHASE
181	-1.23	3.03	600	2.30	.36	.03	.66	.54	.32	.24	.11 AMP
				44.10	30.03	113.01	146.10	184.93	7.61	37.91	50.02 PHASE
182	-1.52	4.41	600	2.92	.66	.90	.20	.21	.53	.23	.02 AMP
				45.04	31.12	132.00	166.95	101.30	63.15	130.29	170.06 PHASE
183	-2.52	10.79	600	4.34	1.24	1.57	1.45	1.49	1.35	.81	.20 AMP
				29.96	44.70	193.34	296.33	36.06	05.92	153.42	219.52 PHASE
184	-3.67	13.32	600	5.90	1.10	2.00	1.50	2.51	1.92	1.39	.65 AMP
				25.20	54.09	243.79	350.17	127.35	214.01	206.20	12.05 PHASE
185	-5.37	16.50	600	7.98	1.84	2.35	1.30	2.49	4.29	3.33	1.42 AMP
				17.66	19.90	202.29	355.70	233.60	316.72	21.00	02.95 PHASE
186	-.37	1.95	600	1.49	.45	.17	.13	.23	.06	.03	.06 AMP
				47.23	315.47	190.75	152.13	105.76	136.20	42.24	86.02 PHASE
187	-.01	2.63	600	1.95	.60	.34	.29	.34	.07	.04	.09 AMP
				47.09	329.14	107.95	170.23	107.24	105.56	120.07	50.70 PHASE
188	-1.23	3.11	600	2.40	.71	.44	.40	.44	.05	.04	.13 AMP
				43.05	333.14	176.36	160.01	167.96	124.62	101.55	34.22 PHASE
189	-1.65	3.94	600	2.90	.80	.62	.52	.70	.14	.05	.15 AMP
				46.02	354.87	107.07	177.31	190.52	23.29	161.32	63.50 PHASE
190	-2.00	5.37	600	3.61	1.20	.94	.60	.57	.31	.06	.15 AMP
				44.21	7.34	179.77	174.14	203.70	22.13	112.84	93.66 PHASE
191	-2.89	10.10	600	5.49	1.47	1.85	.60	.75	.50	.59	.32 AMP
				42.00	51.13	232.34	353.25	151.99	261.11	306.06	49.64 PHASE
192	-3.69	11.04	600	6.77	1.36	2.29	.41	1.33	1.62	.91	.37 AMP
				36.09	40.22	240.01	356.04	216.98	299.45	340.65	42.33 PHASE
193	-.56	2.09	600	1.67	.46	.20	.15	.10	.04	.02	.05 AMP
				50.28	330.94	206.04	174.19	209.61	192.77	96.56	81.01 PHASE
194	-.99	2.50	600	2.06	.57	.26	.20	.21	.04	.06	.04 AMP
				45.10	329.05	196.04	163.05	168.45	113.00	104.00	7.43 PHASE
196	-1.46	3.23	600	2.53	.71	.37	.23	.30	.02	.05	.09 AMP
				46.75	340.95	199.01	173.91	173.10	15.30	131.56	33.06 PHASE
197	-1.90	3.07	600	3.06	.99	.55	.20	.59	.07	.02	.09 AMP
				42.56	340.07	185.92	127.60	154.65	295.73	160.20	6.83 PHASE
198	-2.16	4.62	600	3.73	1.30	.60	.34	.64	.19	.05	.07 AMP
				40.09	351.25	177.32	04.46	136.40	264.24	240.37	333.65 PHASE
199	-2.02	9.54	600	5.00	.98	1.00	1.03	1.05	1.00	.42	.19 AMP
				41.10	10.40	241.05	04.30	160.23	257.01	313.13	9.47 PHASE

TABLE VI.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	4.5#	19.57	688	9.26	5.68	2.74	1.84	4.79	.45	.74	1.72 AMP
				141.69	297.88	358.53	38.48	149.12	189.82	.14	298.65 PHASE
169	7.18	21.48	688	9.13	6.19	3.78	2.54	5.84	.67	1.45	2.58 AMP
				147.29	289.23	352.37	24.42	147.45	198.28	341.98	284.83 PHASE
17#	9.9#	24.43	688	9.57	6.28	4.47	3.16	6.93	.77	2.84	3.13 AMP
				148.75	283.24	349.15	19.54	138.88	172.97	336.47	268.37 PHASE
171	12.64	27.22	688	18.77	6.28	5.22	3.59	7.78	1.24	2.59	3.27 AMP
				147.95	288.82	356.18	32.38	125.88	185.85	319.86	271.19 PHASE
172	15.47	28.84	688	11.18	6.34	5.67	3.88	7.51	1.53	2.38	3.82 AMP
				158.33	383.17	18.88	28.57	134.85	285.12	323.33	279.18 PHASE
173	17.53	26.94	688	11.59	6.56	3.98	3.45	5.72	1.69	3.88	2.78 AMP
				154.22	314.37	56.49	34.19	118.84	284.88	388.69	389.21 PHASE
174	17.29	26.52	688	18.69	18.28	3.87	3.37	4.83	2.12	2.82	2.23 AMP
				156.95	338.83	86.68	2.68	147.36	226.14	348.11	298.64 PHASE
175	1.41	18.33	688	18.33	6.52	2.27	.88	3.58	.38	.26	1.75 AMP
				131.97	386.79	357.31	31.92	125.17	143.98	91.28	283.87 PHASE
176	-1.11	18.19	688	18.77	7.49	1.82	.59	2.34	.23	.41	1.42 AMP
				131.54	328.87	22.35	186.28	158.25	131.28	139.38	329.46 PHASE
177	-1.85	18.85	688	18.16	7.68	1.72	.11	2.98	.63	.41	.67 AMP
				132.66	382.82	18.29	97.14	163.26	132.52	146.77	388.94 PHASE
178	1.84	19.84	688	9.78	7.38	2.46	1.11	3.48	.55	.29	1.19 AMP
				138.11	295.27	7.55	44.33	156.68	125.96	115.45	317.26 PHASE
179	4.4#	28.61	688	9.49	7.82	3.19	2.83	3.86	.83	.26	1.26 AMP
				142.29	287.87	4.37	48.83	149.48	137.91	186.71	318.77 PHASE
18#	7.85	28.78	688	9.49	6.53	4.12	3.35	4.83	.86	.33	.84 AMP
				148.68	275.27	355.92	38.73	111.93	126.78	236.44	252.39 PHASE
181	18.22	22.47	688	9.71	6.18	5.88	3.72	4.95	.77	1.89	.92 AMP
				144.71	272.28	358.53	43.98	117.79	167.53	266.34	187.53 PHASE
182	12.94	23.62	688	18.83	6.89	4.38	3.15	4.99	.96	1.76	1.65 AMP
				152.18	276.78	356.88	46.84	123.68	192.66	245.15	165.78 PHASE
183	15.41	24.87	688	11.17	7.42	3.55	3.16	3.35	.68	1.29	2.88 AMP
				155.84	276.95	12.13	19.66	87.85	248.98	196.99	99.72 PHASE
184	16.35	27.94	688	12.89	7.65	3.48	2.77	6.13	.76	2.32	1.85 AMP
				157.42	288.28	65.22	61.78	91.13	237.87	263.55	89.75 PHASE
185	16.56	25.88	688	18.83	8.97	3.52	2.24	6.28	1.45	1.77	2.32 AMP
				156.52	323.86	186.17	181.56	189.32	235.18	338.88	74.33 PHASE
186	3.41	15.53	689	18.86	5.61	2.66	.63	2.86	.33	.28	.96 AMP
				138.31	321.83	11.79	65.35	151.19	143.23	37.39	297.15 PHASE
187	6.16	18.86	689	18.61	5.48	3.69	1.56	4.23	.59	.84	1.59 AMP
				142.56	389.99	5.84	44.18	145.94	171.79	2.87	281.87 PHASE
188	8.84	22.31	689	11.81	5.34	4.58	2.69	6.85	.62	1.58	2.34 AMP
				141.69	292.61	351.31	24.85	123.86	162.14	324.33	245.33 PHASE
189	11.83	26.67	689	11.65	5.29	5.39	3.67	7.88	.82	1.89	2.69 AMP
				148.89	291.47	3.51	37.11	143.52	189.18	354.18	288.44 PHASE
19#	15.21	29.21	689	12.56	5.86	5.94	4.74	8.43	1.82	1.94	3.18 AMP
				149.79	286.14	2.78	26.98	136.11	191.68	332.16	266.79 PHASE
191	18.23	31.38	689	13.49	4.37	5.86	4.86	8.58	1.85	3.82	3.93 AMP
				157.36	384.44	31.63	39.82	143.44	218.43	338.88	287.72 PHASE
192	18.91	31.61	689	12.89	4.76	3.41	3.71	9.86	1.53	4.53	3.62 AMP
				157.43	312.49	38.37	15.81	138.62	283.37	326.98	272.95 PHASE
193	6.31	14.25	689	8.93	4.13	2.53	.91	2.23	.36	.49	.92 AMP
				146.18	323.81	18.92	54.97	164.88	132.98	52.78	314.78 PHASE
194	8.86	16.82	689	9.32	3.94	3.11	1.34	3.32	.31	.88	.98 AMP
				143.88	383.84	353.98	23.32	138.24	98.73	352.25	254.32 PHASE
196	11.81	18.24	689	9.78	4.16	3.91	1.95	4.17	.38	.93	1.15 AMP
				147.28	296.73	359.56	23.75	134.18	124.66	354.98	251.86 PHASE
197	15.28	21.46	689	18.12	4.87	4.53	2.71	5.53	.22	.97	1.45 AMP
				147.25	288.66	351.12	1.59	116.83	93.28	346.32	284.34 PHASE
198	18.67	23.22	689	11.88	4.14	4.64	3.31	6.22	.18	1.89	1.54 AMP
				147.37	278.83	342.49	344.38	183.39	92.14	331.28	167.76 PHASE
199	28.82	26.61	689	11.66	3.98	3.88	3.16	8.77	.53	1.75	1.73 AMP
				156.89	282.78	359.75	359.82	115.82	179.28	315.85	182.18 PHASE

TABLE VI.- Continued

(a) Continued

CHORDWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	68.26	13.65	608	2.84 184.48	2.61 293.80	1.71 334.89	2.11 4.38	2.95 185.90	.98 157.26	1.61 11.14	.58 287.67	AMP PHASE
169	61.68	21.36	608	1.47 238.87	2.82 281.88	1.49 388.12	3.43 353.35	3.84 158.49	5.82 148.36	3.84 63.99	1.38 322.28	AMP PHASE
170	63.38	28.45	608	2.27 292.84	1.56 275.69	2.16 271.68	4.42 338.44	4.31 126.80	6.80 111.34	1.54 68.77	1.38 389.91	AMP PHASE
171	65.55	28.33	608	4.82 328.69	1.30 381.45	3.34 264.32	5.15 339.16	6.88 189.89	7.67 95.11	1.49 291.21	1.71 324.89	AMP PHASE
172	67.14	29.44	608	5.97 334.45	1.84 335.21	4.03 261.25	5.58 342.81	8.12 118.55	3.68 98.48	4.87 313.56	2.32 349.75	AMP PHASE
173	67.52	48.43	608	9.17 25	2.21 267.95	3.56 263.49	2.52 13.87	12.62 146.46	18.49 138.28	3.31 143.61	3.47 349.87	AMP PHASE
174	67.18	68.51	608	18.26 11.15	6.21 284.21	3.24 281.89	2.92 384.77	7.96 284.18	13.53 219.37	3.91 281.84	2.52 8.44	AMP PHASE
175	53.18	18.56	608	4.56 152.39	3.92 384.58	1.45 332.26	1.47 21.11	1.73 188.83	5.64 178.36	.89 34.67	.97 289.87	AMP PHASE
176	51.27	15.27	608	5.77 148.92	5.11 321.88	1.37 25.78	.98 88.89	1.75 242.24	3.65 172.59	.59 138.98	.67 332.71	AMP PHASE
177	52.89	16.85	608	5.16 153.61	4.81 382.11	.75 348.69	.83 64.61	1.85 285.72	4.18 176.18	.76 84.74	.38 298.66	AMP PHASE
178	54.32	17.16	608	3.58 177.17	3.66 289.84	1.75 345.42	1.32 46.37	2.68 195.52	3.28 297.92	.72 46.89	.41 349.88	AMP PHASE
179	56.23	16.21	608	2.11 213.31	2.38 273.34	1.55 341.19	2.84 24.61	1.75 281.29	1.87 88.95	2.32 65.78	1.87 326.98	AMP PHASE
180	58.82	17.82	608	2.26 263.56	1.26 238.57	1.57 386.84	3.13 355.48	.97 118.69	1.45 97.49	1.84 47.44	1.82 312.68	AMP PHASE
181	68.26	19.13	608	3.77 319.99	1.31 146.93	2.57 265.38	3.82 348.98	3.42 84.36	2.65 57.12	1.76 288.21	.66 357.84	AMP PHASE
182	62.12	24.31	608	6.87 335.96	1.42 127.38	5.85 249.41	4.68 326.88	4.48 122.24	3.97 138.95	3.81 265.58	.91 54.88	AMP PHASE
183	64.13	33.61	608	8.43 346.89	1.43 135.76	5.24 253.78	5.22 339.28	3.78 85.87	3.87 389.39	4.86 325.88	2.75 63.44	AMP PHASE
184	64.93	39.56	608	9.32 356.25	2.88 212.93	4.83 278.54	3.87 38.91	9.25 121.89	4.28 91.87	4.43 94.89	.58 185.86	AMP PHASE
185	64.81	56.92	608	18.14 357.28	5.44 292.85	4.43 293.82	1.75 63.41	11.28 176.76	12.91 212.42	8.97 195.98	.88 44.24	AMP PHASE
186	54.12	13.29	609	4.86 156.11	3.26 317.66	2.14 354.66	1.17 9.48	2.88 224.68	1.86 215.68	.93 53.48	.34 387.65	AMP PHASE
187	55.48	16.12	609	1.85 176.77	2.62 318.87	1.97 351.82	2.61 358.33	2.98 191.32	5.32 154.16	2.33 83.72	.64 322.97	AMP PHASE
188	57.67	17.51	609	.79 264.15	2.16 296.58	1.88 313.63	3.56 345.24	3.93 133.36	4.97 123.99	2.11 87.97	.68 272.84	AMP PHASE
189	68.41	22.83	609	2.78 327.12	1.59 389.85	2.38 291.83	4.35 .98	6.54 139.73	5.88 113.52	.85 172.31	1.35 386.85	AMP PHASE
190	63.29	23.21	609	5.58 341.98	1.58 342.65	3.46 266.87	5.29 348.98	7.64 133.94	5.47 77.75	5.47 338.68	1.57 298.78	AMP PHASE
191	64.92	39.97	609	8.47 .76	1.86 28.68	2.54 276.46	4.64 25.87	11.61 138.27	11.66 97.88	5.33 82.35	2.66 116.63	AMP PHASE
192	65.61	58.11	609	9.56 3.24	1.23 383.29	2.11 253.85	2.26 354.84	13.94 153.84	12.39 139.99	4.98 187.87	3.18 31.41	AMP PHASE
193	55.49	15.24	609	2.38 157.77	2.11 323.89	1.57 2.17	1.88 19.77	1.67 238.34	3.81 168.58	1.34 96.63	.48 358.91	AMP PHASE
194	57.11	11.38	609	.49 189.84	1.86 385.98	1.24 321.18	2.63 358.25	2.18 152.87	3.21 155.28	1.55 87.83	.48 347.23	AMP PHASE
196	59.17	13.23	609	1.92 330.17	1.88 385.42	1.64 294.14	3.48 4.88	3.46 143.97	1.78 137.28	.39 147.89	.88 131.84	AMP PHASE
197	61.79	17.88	609	4.87 334.24	1.92 315.27	2.88 252.71	4.29 345.46	6.88 124.75	3.18 35.32	1.23 334.49	.56 228.77	AMP PHASE
198	64.15	23.76	609	7.54 335.44	2.74 321.53	3.73 233.67	4.67 328.19	7.85 116.98	5.62 18.88	2.38 348.38	.88 227.72	AMP PHASE
199	65.99	35.48	609	8.52 355.26	1.92 388.27	3.65 241.68	3.57 349.	18.67 133.88	18.63 98.63	4.37 64.42	1.18 322.62	AMP PHASE

TABLE VI.- Continued

(a) Continued

TORSION 75 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	-2.51	1.68	608	1.84	.12	.13	.15	.22	.12	.83	.89 AMP
169	-2.74	2.89	608	183.81	184.56	188.83	175.23	281.71	112.11	142.18	93.98 PHASE
170	-2.94	2.73	608	1.38	.16	.21	.25	.27	.18	.89	.14 AMP
171	-3.88	3.32	608	98.32	53.15	128.46	169.48	198.32	115.47	118.85	81.48 PHASE
172	-3.35	5.83	608	1.61	.28	.27	.39	.35	.83	.13	.17 AMP
173	-4.88	7.18	608	78.78	28.56	126.17	163.96	176.96	62.57	181.25	69.64 PHASE
174	-4.98	18.89	608	2.85	.48	.48	.54	.41	.18	.22	.21 AMP
175	-2.45	1.28	608	72.92	11.23	135.93	167.89	188.38	349.69	88.89	94.36 PHASE
176	-2.19	1.21	608	2.77	.98	.98	.98	.48	.52	.36	.21 AMP
177	-2.19	1.18	608	59.95	37.21	163.11	213.27	277.89	18.13	112.36	123.43 PHASE
178	-2.51	1.39	608	3.78	1.48	1.16	.67	.12	.54	.54	.48 AMP
179	-2.77	1.69	608	43.76	47.28	194.88	256.67	115.28	277.48	334.68	96.73 PHASE
180	-3.81	2.85	608	4.45	1.55	1.42	1.55	1.19	1.66	.84	.27 AMP
181	-3.21	2.63	608	31.23	34.85	229.48	279.34	292.87	331.91	35.95	215.88 PHASE
182	-3.27	3.49	608	.87	.15	.89	.88	.11	.87	.89	.86 AMP
183	-3.72	6.51	608	116.94	153.74	126.86	148.58	199.76	183.86	13.82	184.94 PHASE
184	-4.13	7.29	608	.78	.16	.17	.18	.11	.11	.14	.85 AMP
185	-4.88	18.64	608	139.53	189.28	173.22	115.18	246.69	128.85	12.32	154.73 PHASE
186	-2.67	1.39	609	.69	.21	.18	.11	.11	.85	.11	.82 AMP
187	-2.89	1.63	609	119.45	184.78	156.73	99.38	289.48	168.81	26.61	98.29 PHASE
188	-3.88	1.88	609	.84	.18	.14	.14	.88	.84	.84	.86 AMP
189	-3.28	2.42	609	183.47	182.68	189.45	188.31	236.61	63.71	3.77	48.32 PHASE
190	-3.41	2.97	609	1.86	.12	.25	.17	.15	.82	.88	.88 AMP
191	-3.64	5.61	609	94.65	161.33	118.48	131.36	215.96	118.94	348.22	61.46 PHASE
192	-4.89	6.28	609	1.28	.87	.38	.27	.24	.85	.18	.18 AMP
193	-2.84	1.48	609	83.19	98.29	188.98	127.58	163.21	344.66	357.33	18.84 PHASE
194	-3.84	1.65	609	1.58	.17	.49	.46	.38	.21	.22	.89 AMP
195	-3.25	1.98	609	78.95	58.86	118.86	133.91	181.68	356.51	44.28	52.89 PHASE
196	-3.46	2.43	609	2.82	.32	.64	.31	.89	.45	.38	.84 AMP
197	-3.66	4.29	609	74.44	45.86	118.61	135.78	38.93	45.25	94.34	193.27 PHASE
198	-3.58	2.86	609	2.68	.72	.88	.77	.81	.83	.45	.24 AMP
199	-3.66	4.29	609	53.41	54.82	175.89	273.88	19.25	74.45	141.43	236.95 PHASE
				3.34	1.88	.82	.55	.88	.79	.51	.23 AMP
				43.21	51.44	283.45	291.48	115.86	192.29	278.59	6.42 PHASE
				4.32	1.59	.93	1.38	.81	1.53	1.84	.25 AMP
				38.56	42.11	216.57	285.84	263.51	316.84	13.82	198.23 PHASE
				1.88	.86	.13	.89	.86	.85	.83	.86 AMP
				112.86	59.22	196.15	152.84	194.16	111.82	48.52	72.55 PHASE
				1.24	.12	.22	.21	.12	.84	.84	.86 AMP
				94.88	2.41	177.79	174.71	289.14	122.72	187.89	67.86 PHASE
				1.58	.21	.28	.33	.16	.86	.87	.11 AMP
				81.23	353.71	168.18	165.17	184.11	51.39	81.62	45.66 PHASE
				1.85	.32	.36	.45	.33	.14	.18	.16 AMP
				78.24	7.49	166.81	181.76	288.75	7.23	123.87	92.88 PHASE
				2.39	.57	.54	.54	.28	.28	.13	.16 AMP
				69.87	17.43	157.98	176.22	228.42	19.68	128.96	83.84 PHASE
				2.97	1.88	.79	.68	.24	.14	.34	.31 AMP
				61.57	35.63	195.75	264.86	6.44	285.23	263.82	59.95 PHASE
				3.43	1.48	.99	.83	.48	.63	.31	.32 AMP
				46.98	33.75	213.16	275.66	385.67	318.36	2.41	95.95 PHASE
				1.15	.11	.13	.11	.86	.81	.81	.84 AMP
				187.14	21.98	282.57	181.62	226.51	181.88	36.99	188.52 PHASE
				1.36	.18	.17	.17	.85	.82	.84	.84 AMP
				98.26	357.57	182.74	172.79	185.26	113.91	186.82	29.51 PHASE
				1.64	.26	.23	.24	.13	.83	.86	.88 AMP
				83.87	357.87	185.68	179.32	165.52	321.78	128.88	29.38 PHASE
				2.81	.42	.29	.29	.21	.86	.86	.88 AMP
				72.24	358.72	165.11	151.58	146.66	278.88	138.66	4.57 PHASE
				2.49	.66	.31	.28	.22	.16	.86	.87 AMP
				65.83	.88	142.81	123.13	118.88	222.98	173.89	3.89 PHASE
				2.73	.96	.48	.23	.52	.62	.29	.18 AMP
				68.88	21.67	173.78	148.88	143.53	244.91	389.98	49.72 PHASE

TABLE VI.- Continued

(a) Concluded

PITCH LINK												
RUN NO 34												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	-2.59	4.41	600	3.36	.26	.30	.27	.85	.37	.09	.28	AMP
169	-2.10	5.51	600	210.15	147.20	307.40	343.16	64.19	41.16	100.98	84.52	PHASE
170	-1.61	7.47	600	3.90	.60	.32	.46	.98	.49	.13	.44	AMP
171	-1.26	9.51	600	211.72	190.50	347.07	346.50	55.99	36.82	155.26	76.32	PHASE
172	-.62	15.10	600	4.97	1.13	.52	.64	1.26	2.49	118.73	63.11	PHASE
173	1.26	24.66	600	211.63	191.90	2.65	342.33	37.41	28.67	.44	.60	AMP
174	3.01	30.06	600	6.33	1.60	1.13	.71	1.45	.36	.44	.60	AMP
175	-2.83	3.84	600	215.37	198.82	12.91	1.50	49.28	26.86	114.71	66.34	PHASE
176	-3.27	3.91	600	8.62	2.00	2.40	1.33	1.81	.23	.46	.95	AMP
177	-3.63	4.11	600	212.31	209.07	13.50	42.00	81.77	109.07	140.26	55.44	PHASE
178	-3.02	4.03	600	13.33	2.32	4.14	1.11	3.01	2.60	2.43	.46	AMP
179	-2.49	4.97	600	200.43	221.07	50.64	200.42	.48	62.92	147.65	133.90	PHASE
180	-1.89	6.57	600	16.44	2.55	5.10	.93	5.38	5.31	3.60	.65	AMP
181	-1.24	8.67	600	205.09	184.49	79.30	150.92	71.65	137.65	194.72	143.03	PHASE
182	-.43	12.34	600	2.51	.66	.40	.18	.49	.35	.20	.18	AMP
183	.07	20.40	600	215.20	60.27	207.23	100.32	59.93	19.96	322.39	72.09	PHASE
184	1.99	26.06	600	2.04	1.11	.73	.26	.35	.30	.24	.09	AMP
185	3.74	32.68	600	213.63	64.91	200.81	203.00	100.73	61.96	348.03	122.20	PHASE
186	-1.70	3.96	600	2.41	1.16	.77	.28	.27	.22	.17	.08	AMP
187	-1.35	4.83	600	211.00	55.43	200.41	235.40	152.82	00.23	357.69	70.64	PHASE
188	-.95	5.98	600	3.15	.70	.81	.34	.35	.11	.07	.13	AMP
189	-.59	7.55	600	200.09	59.16	290.27	250.93	102.27	96.53	343.19	67.18	PHASE
190	-.27	10.02	600	3.05	.23	.06	.36	.55	.19	.14	.14	AMP
191	.69	17.32	600	213.00	52.00	304.25	319.37	70.74	44.03	206.50	81.15	PHASE
192	1.52	21.11	600	4.70	.44	.79	.46	.77	.22	.09	.16	AMP
193	-1.10	3.84	600	212.14	239.03	302.43	327.21	32.77	356.37	274.21	334.06	PHASE
194	-.67	5.07	600	5.77	1.36	1.06	.68	.88	.06	.16	.09	AMP
195	-.27	6.26	600	207.39	249.39	320.03	355.73	56.97	2.22	1.21	347.29	PHASE
196	-.03	7.00	600	7.99	1.77	1.54	.45	.44	.60	.47	.55	AMP
197	.08	9.98	600	207.57	244.36	12.65	107.71	51.91	351.15	30.43	349.15	PHASE
198	.56	16.61	600	11.04	1.92	3.22	1.07	.52	1.36	1.36	.71	AMP
199				203.94	245.91	36.04	132.14	195.21	209.79	320.04	340.93	PHASE
				13.54	1.43	4.04	2.75	3.19	3.24	2.03	.24	AMP
				204.15	242.40	62.37	101.76	333.07	21.77	89.53	225.51	PHASE
				16.58	2.20	4.59	1.92	5.77	5.30	4.40	2.06	AMP
				203.19	197.30	90.69	200.51	40.75	110.22	191.33	246.40	PHASE
				3.15	.70	.29	.11	.44	.23	.07	.19	AMP
				229.00	123.24	35.31	260.43	79.39	25.09	48.74	63.97	PHASE
				3.62	.84	.55	.27	.66	.43	.06	.21	AMP
				220.06	143.33	43.79	333.41	74.42	39.24	127.02	67.92	PHASE
				4.42	1.02	.60	.41	.88	.51	.03	.30	AMP
				219.75	157.36	30.54	336.79	56.28	17.45	159.00	30.59	PHASE
				5.45	1.20	1.02	.60	1.34	.47	.17	.51	AMP
				221.97	170.36	32.20	354.00	70.66	39.07	176.40	76.21	PHASE
				7.20	2.16	1.77	.70	1.45	.49	.35	.69	AMP
				219.59	190.06	20.00	352.41	70.33	39.71	107.21	62.23	PHASE
				10.62	2.54	3.23	.71	.59	1.26	1.31	1.07	AMP
				219.72	217.77	50.40	200.54	42.41	49.63	140.71	114.09	PHASE
				12.90	2.51	3.97	.03	2.39	2.23	2.11	1.06	AMP
				215.73	209.99	56.67	244.61	47.48	05.69	161.06	93.59	PHASE
				3.03	.65	.39	.12	.45	.14	.08	.14	AMP
				221.41	145.73	42.09	330.71	96.07	40.06	253.42	97.30	PHASE
				3.04	.00	.55	.20	.49	.25	.06	.10	AMP
				221.64	153.43	40.15	351.95	62.46	10.35	251.39	41.60	PHASE
				4.03	1.10	.75	.23	.75	.20	.01	.19	AMP
				224.25	166.40	46.01	340.43	64.73	10.17	172.53	25.00	PHASE
				5.99	1.65	1.10	.41	.99	.44	.26	.34	AMP
				219.63	160.60	26.50	200.17	37.14	2.47	167.31	11.14	PHASE
				7.04	2.43	1.61	.70	1.05	.49	.50	.42	AMP
				216.00	160.40	17.73	252.39	10.60	2.97	141.67	356.40	PHASE
				9.95	2.00	2.15	1.66	2.55	1.48	1.13	.43	AMP
				217.61	179.36	47.17	255.33	6.32	30.57	136.36	20.03	PHASE

TABLE VI.- Continued

(b) $\mu = 0.30$; $M_T = 0.62$

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CW/SIGMA
203	-.3	2.5	-.4	.03210	.00111	.00136
204	-.9	3.5	1.6	.04756	.00086	.00162
205	-1.2	4.5	3.6	.06398	.00071	.00203
207	-1.4	5.2	5.6	.08095	.00089	.00254
208	-2.3	6.3	7.6	.09383	.00004	.00362
209	-3.1	7.6	9.6	.10588	-.00143	.00508
210	-3.7	8.7	11.6	.11149	-.00259	.00716
211	.0	4.7	3.6	.04054	-.00266	.00276
212	-.6	5.7	5.6	.05565	-.00443	.00367
213	-1.1	6.8	7.6	.07005	-.00634	.00460
214	-1.9	7.9	9.6	.08436	-.00851	.00582
215	-2.4	8.8	11.6	.09735	-.01015	.00737
216	-2.8	9.3	12.6	.10256	-.01126	.00838
217	-3.0	10.0	13.6	.10434	-.01193	.00952
218	.1	5.2	5.6	.03483	-.00537	.00344
219	-.6	6.1	7.6	.05060	-.00858	.00474
220	-1.3	7.0	9.6	.06533	-.01147	.00616
221	-1.9	8.1	11.6	.07957	-.01465	.00772
222	-2.2	8.6	12.6	.08637	-.01600	.00860
223	-2.4	8.7	13.6	.09234	-.01687	.00953

TABLE VI.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	46.54	19.78	500	8.87	9.38	3.89	2.72	2.93	1.64	1.77	.29	AMP
				145.83	344.28	116.28	69.57	61.05	337.84	265.19	41.55	PHASE
204	48.63	17.67	500	8.67	8.88	3.81	2.52	3.62	1.56	1.51	.35	AMP
				140.73	338.88	102.89	67.63	31.99	311.91	247.72	252.71	PHASE
205	50.03	17.64	500	8.49	8.64	3.64	2.46	3.58	1.38	1.53	.58	AMP
				139.54	341.98	98.63	80.24	31.78	303.86	260.22	257.14	PHASE
207	52.98	18.31	500	8.35	8.38	2.21	2.78	4.19	1.52	1.55	.32	AMP
				131.05	342.36	93.88	85.61	28.95	284.18	266.95	280.48	PHASE
208	54.77	19.03	500	7.99	8.58	1.72	2.59	3.51	1.73	1.56	.22	AMP
				117.04	339.72	89.36	78.89	354.68	248.19	235.25	152.84	PHASE
209	56.46	26.04	500	8.26	9.41	1.88	2.52	3.27	2.45	2.33	.37	AMP
				103.42	349.54	120.88	72.86	332.91	255.87	257.55	193.98	PHASE
210	57.35	33.58	500	9.89	11.86	3.88	2.82	5.67	3.88	1.96	.38	AMP
				82.34	347.83	250.65	88.77	329.24	316.58	338.58	229.88	PHASE
211	49.17	16.78	500	8.19	8.77	2.93	2.93	1.89	1.49	1.94	.24	AMP
				139.69	339.98	100.28	33.79	28.76	282.92	210.91	330.53	PHASE
212	51.58	16.43	500	7.78	8.98	2.37	2.44	1.38	1.55	1.89	.12	AMP
				134.67	340.62	93.86	32.21	11.53	266.14	203.84	332.66	PHASE
213	53.65	15.84	500	7.52	9.11	1.71	2.21	1.57	1.87	1.87	.16	AMP
				127.03	344.73	94.95	35.19	7.82	244.88	202.57	19.67	PHASE
214	55.77	16.03	500	7.89	9.45	1.17	1.78	1.65	.69	1.18	.15	AMP
				114.67	347.37	99.81	36.54	8.49	223.39	193.39	114.85	PHASE
215	57.74	20.44	500	7.48	10.41	1.88	1.78	.21	1.61	2.01	.48	AMP
				95.65	352.81	144.82	31.87	268.48	226.87	226.88	145.58	PHASE
216	58.53	24.74	500	8.26	11.13	1.25	1.48	1.92	2.58	1.64	.98	AMP
				86.28	354.63	196.36	35.77	306.62	278.56	277.23	235.84	PHASE
217	58.98	28.26	500	9.54	12.17	2.13	3.29	3.88	3.82	1.28	.88	AMP
				74.61	349.98	219.22	43.93	326.48	312.71	329.82	254.63	PHASE
218	49.78	14.33	500	6.97	7.16	1.69	2.49	1.71	.29	.44	.43	AMP
				141.23	352.58	102.96	41.61	22.46	307.96	244.18	307.91	PHASE
219	52.14	14.89	500	6.78	7.37	1.87	2.34	2.19	.35	.45	.37	AMP
				131.69	351.53	82.93	33.73	11.52	238.92	219.81	273.28	PHASE
220	54.48	15.91	500	6.55	7.93	1.54	2.18	2.18	1.58	1.35	.42	AMP
				120.26	352.78	68.78	25.29	12.68	225.82	207.26	261.35	PHASE
221	56.65	17.31	500	6.67	8.88	.41	2.84	1.91	.65	.35	.53	AMP
				104.17	352.38	314.93	17.12	3.74	221.66	193.66	229.77	PHASE
222	57.82	17.86	500	6.98	9.28	.64	1.87	1.78	.67	.64	.35	AMP
				92.65	346.84	279.48	2.82	343.25	198.96	177.87	194.82	PHASE
223	59.85	20.44	500	7.76	9.98	.81	1.98	1.28	1.28	1.36	.89	AMP
				80.45	349.43	239.28	350.76	295.28	202.43	211.75	182.42	PHASE

CHORDWISE 25 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	54.23	33.64	500	13.57	4.85	7.17	4.13	5.78	9.54	1.18	.99	AMP
				279.32	164.76	280.45	135.25	317.45	319.84	186.72	83.68	PHASE
204	52.03	46.87	500	26.87	7.83	9.85	2.81	7.49	4.83	1.92	.92	AMP
				294.67	172.89	288.11	74.82	297.42	343.52	61.61	26.19	PHASE
205	49.61	54.85	500	42.97	10.52	10.38	4.63	8.38	4.82	2.84	1.88	AMP
				321.38	174.53	268.94	56.99	315.58	299.66	114.88	59.68	PHASE
207	46.58	75.22	500	61.53	11.82	15.48	6.22	6.39	5.24	2.11	1.45	AMP
				339.27	176.27	252.92	66.88	312.97	341.28	333.49	36.88	PHASE
208	45.28	93.87	500	76.12	9.98	19.34	7.85	4.88	5.86	5.69	2.85	AMP
				341.43	185.51	249.84	49.48	296.86	348.81	318.64	352.88	PHASE
209	44.95	115.34	500	93.86	11.83	25.18	8.75	1.28	7.27	4.38	2.53	AMP
				351.58	209.88	265.66	49.31	284.25	34.99	347.69	38.22	PHASE
210	49.82	155.39	500	110.88	23.19	38.97	6.56	17.73	15.22	13.37	2.49	AMP
				2.82	221.53	265.62	69.17	219.38	286.57	181.21	33.87	PHASE
211	48.18	40.23	500	24.28	11.67	8.58	3.48	4.37	4.72	1.12	.33	AMP
				306.89	188.84	283.49	391.78	291.91	199.53	120.84	34.79	PHASE
212	48.27	58.62	500	41.83	13.36	18.69	5.41	4.65	5.92	1.98	.59	AMP
				325.88	191.34	257.55	12.51	312.18	258.51	288.47	67.81	PHASE
213	48.51	83.88	500	61.88	13.76	15.52	6.76	3.62	7.15	2.55	.34	AMP
				336.43	206.84	254.78	27.25	383.47	291.16	288.49	65.58	PHASE
214	48.53	105.79	500	82.31	14.29	19.55	6.86	3.88	7.46	3.88	.86	AMP
				341.48	222.58	256.48	33.15	269.57	311.72	299.23	311.48	PHASE
215	48.91	132.33	500	106.18	19.21	25.99	8.24	3.19	9.79	3.43	.68	AMP
				351.86	235.71	273.13	46.29	215.99	5.82	2.83	332.32	PHASE
216	50.68	141.64	500	115.63	24.52	28.84	6.72	9.33	7.35	5.87	1.88	AMP
				358.66	239.14	282.79	65.17	282.52	97.83	127.65	65.44	PHASE
217	53.98	167.28	500	126.88	34.15	29.47	5.81	16.42	13.82	12.89	3.88	AMP
				1.74	236.37	281.44	76.78	287.63	175.37	154.99	95.55	PHASE
218	48.41	37.58	500	21.21	11.66	5.45	4.67	2.81	6.31	1.38	.27	AMP
				325.75	203.65	284.85	12.58	278.73	257.18	140.32	116.56	PHASE
219	49.62	63.92	500	41.48	13.73	9.93	6.38	2.53	7.75	.43	.38	AMP
				348.54	212.13	247.91	26.94	244.35	293.25	188.96	137.23	PHASE
220	50.95	89.75	500	63.27	15.63	15.68	7.14	3.47	8.28	.87	.86	AMP
				347.32	223.83	246.59	30.96	226.35	318.59	297.43	270.85	PHASE
221	51.86	116.14	500	89.26	19.89	28.82	7.37	5.43	8.38	1.58	.38	AMP
				359.46	233.94	248.88	27.58	214.77	334.84	217.47	311.91	PHASE
222	52.26	128.47	500	102.26	21.88	21.88	7.42	6.49	7.66	2.81	.43	AMP
				349.33	232.34	241.71	12.48	195.92	323.92	322.87	287.34	PHASE
223	53.22	150.95	500	120.89	25.54	24.36	7.38	6.94	8.49	3.68	.98	AMP
				356.85	235.28	254.18	16.95	184.51	12.46	5.41	1.81	PHASE

TABLE VI.- Continued

(b) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	5.64	4.52	580	1.68	1.78	.79	.81	.25	.84	.19	.28 AMP
				47.38	299.83	154.93	61.32	298.51	24.48	252.61	282.16 PHASE
204	4.97	4.24	580	2.85	1.88	.66	.54	.47	.23	.11	.19 AMP
				49.44	388.98	143.44	58.75	278.78	239.31	227.65	184.79 PHASE
205	4.84	4.48	580	2.76	1.53	.63	.35	.27	.21	.17	.22 AMP
				47.82	315.21	188.73	22.58	288.88	235.14	217.39	185.35 PHASE
207	2.79	6.82	580	4.19	.95	1.86	.69	.25	.26	.24	.29 AMP
				41.69	328.73	231.94	356.28	297.51	229.52	228.44	214.24 PHASE
208	1.52	8.66	580	5.99	.71	1.94	.88	.52	.41	.16	.28 AMP
				35.23	359.18	237.73	355.46	249.35	256.39	287.77	197.68 PHASE
209	-4.48	13.98	580	9.34	1.24	2.94	1.35	1.94	1.49	1.86	.62 AMP
				33.76	65.39	249.36	65.86	218.51	257.48	285.78	315.88 PHASE
210	-3.54	29.63	580	14.27	1.78	5.65	.86	8.22	6.83	3.69	2.53 AMP
				27.73	14.25	281.67	249.53	263.48	316.32	345.67	13.14 PHASE
211	3.99	4.46	580	2.89	2.12	.85	.19	.21	.17	.84	.89 AMP
				59.77	315.33	218.93	32.87	358.75	153.15	124.24	138.97 PHASE
212	3.32	5.39	580	2.78	2.38	1.18	.13	.19	.12	.86	.11 AMP
				54.69	319.53	228.27	356.99	318.45	178.41	185.56	126.58 PHASE
213	2.59	6.58	580	3.55	2.61	1.68	.22	.23	.29	.16	.89 AMP
				49.96	326.79	233.79	352.37	325.92	198.78	249.14	134.91 PHASE
214	1.77	7.58	580	4.79	2.78	2.42	.58	.36	.37	.18	.84 AMP
				44.37	338.62	237.42	359.22	334.47	281.24	255.44	198.47 PHASE
215	.15	13.64	580	8.16	2.13	3.74	1.54	1.27	1.38	.57	.26 AMP
				39.26	353.21	245.85	63.78	167.79	243.25	295.85	215.72 PHASE
216	-1.13	17.82	580	18.68	2.13	4.33	2.19	3.84	3.88	1.57	1.89 AMP
				37.82	.24	253.26	117.79	219.45	275.46	328.21	342.37 PHASE
217	-2.78	23.93	580	13.21	2.47	5.95	1.71	6.75	5.28	2.74	1.78 AMP
				33.49	346.62	259.75	151.88	242.73	294.64	334.74	359.35 PHASE
218	3.53	4.33	580	1.88	2.88	1.81	.26	.18	.18	.87	.87 AMP
				62.64	327.78	247.31	68.18	323.49	183.29	169.77	147.12 PHASE
219	2.91	5.35	580	2.54	2.21	1.26	.26	.33	.28	.87	.88 AMP
				56.83	328.98	248.68	52.52	277.26	185.88	242.77	158.64 PHASE
220	2.29	6.45	580	3.32	2.57	1.58	.35	.41	.37	.17	.85 AMP
				58.98	338.97	258.37	46.48	261.36	288.95	286.97	163.54 PHASE
221	1.67	7.75	580	4.39	3.84	2.12	.53	.43	.47	.28	.84 AMP
				46.42	329.26	246.84	46.36	238.14	215.28	277.39	282.75 PHASE
222	1.36	8.57	580	5.15	3.22	2.61	.65	.43	.55	.24	.83 AMP
				41.98	323.75	238.22	33.36	198.22	198.13	268.39	171.88 PHASE
223	.52	12.29	580	7.41	2.87	3.43	1.44	1.28	1.83	.44	.25 AMP
				38.48	334.14	248.98	52.87	158.43	199.93	256.81	248.49 PHASE

TABLE VI.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	31.35	22.66	500	13.62	11.65	4.49	1.80	2.02	.68	.28	.27	AMP
				142.89	349.23	103.05	76.43	64.54	329.62	244.77	203.30	PHASE
204	33.39	22.48	500	14.15	10.86	3.71	1.79	2.49	.58	.36	.17	AMP
				139.46	343.37	85.54	76.25	37.44	292.16	216.98	177.91	PHASE
205	35.49	22.89	500	14.73	10.37	3.48	2.00	2.33	.52	.44	.07	AMP
				139.64	344.77	78.96	95.99	34.38	298.13	210.99	196.71	PHASE
207	37.44	23.20	500	15.39	9.94	3.39	2.36	2.83	.46	.45	.16	AMP
				136.25	342.77	72.61	101.53	23.20	286.51	210.01	16.05	PHASE
208	39.37	23.00	500	15.41	10.13	3.13	2.35	2.45	.49	.45	.30	AMP
				130.01	337.55	65.24	97.09	356.42	232.76	196.72	336.57	PHASE
209	41.33	24.54	500	15.46	11.22	2.70	2.03	2.44	.71	.48	.44	AMP
				128.30	344.52	78.34	98.47	338.36	227.64	203.47	31.43	PHASE
210	42.85	29.45	500	15.23	15.21	.49	2.52	4.22	.50	.67	.58	AMP
				122.14	342.11	170.77	106.04	341.00	328.00	171.13	86.01	PHASE
211	35.00	21.97	500	12.74	11.25	4.13	1.96	.71	.29	.25	.25	AMP
				137.07	343.61	87.55	41.04	9.28	271.06	205.70	102.59	PHASE
212	37.52	21.90	500	13.39	11.12	3.71	1.72	1.01	.29	.32	.14	AMP
				135.68	342.66	79.69	42.70	353.24	250.35	207.75	156.07	PHASE
213	39.74	22.14	500	13.82	11.20	3.32	1.55	1.16	.32	.36	.20	AMP
				134.39	345.40	80.06	51.96	345.45	247.03	225.63	152.01	PHASE
214	42.00	21.97	500	14.00	11.20	2.91	1.21	1.13	.32	.31	.13	AMP
				131.07	346.32	80.09	61.72	339.62	209.69	244.50	154.75	PHASE
215	43.97	22.65	500	14.11	11.93	3.00	1.03	.87	.55	.10	.12	AMP
				125.72	350.12	102.17	53.07	209.62	210.09	319.95	133.47	PHASE
216	45.06	25.91	500	14.02	13.09	2.74	1.53	2.01	.70	.08	.21	AMP
				124.97	351.13	116.12	47.51	313.98	270.00	130.05	119.32	PHASE
217	45.68	20.65	500	13.86	14.74	2.90	2.42	2.59	.82	.37	.29	AMP
				119.77	346.56	129.03	56.78	326.02	320.51	166.28	142.02	PHASE
218	36.63	18.16	500	11.03	9.11	2.93	1.51	1.36	.20	.21	.14	AMP
				130.99	357.21	90.50	44.32	15.11	277.27	219.54	166.93	PHASE
219	39.01	18.77	500	11.73	9.26	2.52	1.45	1.72	.27	.25	.17	AMP
				136.47	353.60	74.67	37.59	3.48	238.59	231.97	169.03	PHASE
220	41.38	19.44	500	12.23	9.88	2.28	1.20	1.63	.29	.28	.15	AMP
				134.96	354.00	66.79	33.73	.81	227.17	246.45	131.69	PHASE
221	43.07	20.60	500	12.70	10.66	2.07	1.95	1.50	.32	.24	.12	AMP
				132.35	351.59	57.69	25.04	350.39	214.93	263.47	122.45	PHASE
222	45.17	21.11	500	12.85	11.17	2.03	.80	1.52	.35	.25	.11	AMP
				128.22	345.71	51.89	8.95	329.05	194.14	261.01	91.70	PHASE
223	46.44	22.00	500	13.04	11.74	1.87	.94	1.48	.40	.09	.12	AMP
				126.44	347.29	81.03	340.37	298.16	211.41	293.67	47.62	PHASE

CHORDWISE 37 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	39.27	34.04	500	12.36	4.28	4.95	3.57	6.49	13.65	1.36	.77	AMP
				276.79	145.25	292.62	125.63	321.94	320.22	134.39	66.76	PHASE
204	36.69	42.36	500	20.01	6.17	7.62	2.67	7.91	7.81	4.20	.27	AMP
				291.37	159.50	207.20	74.42	301.95	346.79	61.10	329.60	PHASE
205	33.94	40.01	500	32.50	0.06	0.32	5.66	9.41	6.50	4.96	2.23	AMP
				317.54	164.31	274.00	62.59	315.77	316.42	115.31	30.47	PHASE
207	30.39	57.20	500	45.93	10.40	12.10	7.01	8.75	8.26	2.02	2.40	AMP
				335.19	166.93	267.54	71.79	317.00	352.76	305.97	17.57	PHASE
208	20.19	67.99	500	56.05	10.10	15.30	8.57	7.98	9.01	8.11	3.40	AMP
				337.70	171.00	263.25	53.74	304.39	355.76	300.61	339.02	PHASE
209	26.57	06.75	500	69.00	13.04	21.20	10.06	2.69	11.20	5.93	4.13	AMP
				348.35	192.95	200.22	51.00	314.75	34.50	320.42	21.00	PHASE
210	29.46	130.40	500	79.61	24.10	26.56	7.21	21.30	19.77	24.50	4.60	AMP
				1.65	210.09	201.56	79.38	234.20	215.51	102.52	21.10	PHASE
211	32.11	33.27	500	18.12	0.20	6.34	4.09	4.04	5.66	2.66	.60	AMP
				302.97	175.52	297.09	4.04	208.27	199.06	142.47	314.50	PHASE
212	31.72	47.76	500	30.36	9.47	7.00	5.92	5.71	7.97	2.44	1.00	AMP
				320.35	106.04	272.36	16.37	305.56	253.06	191.41	50.03	PHASE
213	31.20	61.01	500	43.72	10.04	10.64	7.45	5.02	10.06	4.00	1.26	AMP
				331.06	200.09	266.76	27.29	297.06	291.46	263.50	00.03	PHASE
214	30.37	77.53	500	50.05	10.52	14.12	7.50	4.43	10.92	6.96	.71	AMP
				337.15	214.18	267.04	30.16	272.01	311.15	286.79	147.04	PHASE
215	29.19	103.27	500	76.64	15.51	21.15	9.14	4.07	14.00	5.75	1.12	AMP
				340.49	225.07	204.03	43.36	229.22	350.70	9.07	200.06	PHASE
216	30.14	115.65	500	82.07	21.30	23.77	7.66	3.62	7.77	9.39	1.00	AMP
				350.29	228.66	295.27	65.01	211.56	07.00	135.20	45.36	PHASE
217	32.94	142.60	500	90.00	29.70	24.03	5.95	21.37	15.68	23.02	3.99	AMP
				.39	227.39	295.37	06.10	213.45	109.77	159.95	99.00	PHASE
218	32.00	33.11	500	15.15	0.26	4.02	5.31	3.41	0.24	2.49	1.02	AMP
				322.33	202.52	305.12	22.17	270.00	257.05	163.24	91.25	PHASE
219	32.51	51.09	500	20.90	9.07	6.30	7.04	3.12	10.00	1.91	1.30	AMP
				337.03	210.01	260.03	20.03	250.05	291.00	207.00	121.50	PHASE
220	32.09	67.07	500	43.09	11.47	10.30	0.06	3.64	11.66	2.39	1.00	AMP
				343.54	221.13	255.20	29.79	241.29	314.15	267.05	120.24	PHASE
221	32.70	05.13	500	61.09	13.09	13.72	0.59	5.62	11.04	3.43	.37	AMP
				346.70	230.53	256.93	23.94	223.92	327.03	297.40	22.30	PHASE
222	32.52	92.65	500	71.26	13.50	15.22	0.61	6.05	10.99	4.04	.00	AMP
				345.70	229.63	250.95	8.95	201.71	316.16	305.74	240.70	PHASE
223	32.73	110.17	500	83.00	19.56	10.76	9.01	7.71	11.40	6.06	1.71	AMP
				352.79	231.07	264.63	11.51	109.90	3.17	.53	314.04	PHASE

TABLE VI.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	3.51	3.72	500	2.04	1.40	.66	.64	.30	.05	.07	.12 AMP
204	2.00	3.70	500	26.75	273.29	144.97	37.60	252.06	100.25	173.30	137.44 PHASE
205	1.85	3.83	500	2.39	1.40	.60	.40	.52	.20	.01	.10 AMP
207	.60	5.55	500	20.90	275.70	131.75	32.50	235.24	175.96	121.70	120.73 PHASE
208	-1.47	7.07	500	3.06	1.15	.67	.26	.33	.19	.00	.12 AMP
209	-2.24	12.15	500	30.65	290.40	162.07	333.66	237.30	166.77	144.99	131.50 PHASE
210	-5.29	23.63	500	4.20	.66	1.01	.85	.20	.25	.15	.16 AMP
211	2.02	3.07	500	20.81	306.43	220.34	300.46	239.41	149.96	172.60	175.21 PHASE
212	1.29	4.77	500	24.06	347.09	207.44	307.04	203.97	193.77	203.12	154.96 PHASE
213	.54	5.62	500	0.60	1.13	2.42	.00	1.79	1.23	.06	.50 AMP
214	-1.20	7.17	500	24.31	52.59	210.12	33.40	174.24	214.56	246.20	270.60 PHASE
215	-1.95	12.63	500	13.10	1.41	4.47	1.34	7.05	5.79	3.10	1.94 AMP
216	-3.23	16.23	500	17.00	9.16	250.00	239.15	229.02	277.54	302.27	324.23 PHASE
217	-4.02	20.92	500	2.41	1.62	.81	.02	.20	.19	.07	.06 AMP
218	1.51	3.00	500	33.09	297.12	190.90	56.59	300.03	104.36	13.00	87.69 PHASE
219	.84	4.64	500	2.99	1.00	1.00	.00	.16	.12	.02	.00 AMP
220	.10	5.55	500	33.93	301.97	195.92	212.02	271.34	106.35	69.90	62.99 PHASE
221	-1.71	11.10	500	3.79	2.00	1.49	.13	.10	.23	.11	.07 AMP
222	-0.02	7.40	500	33.62	309.77	207.66	260.65	277.43	129.01	210.26	72.81 PHASE
223	-0.82	7.40	500	4.90	2.12	2.11	.35	.26	.20	.15	.02 AMP
				31.60	313.56	211.49	315.53	290.10	139.95	220.14	113.77 PHASE
				7.93	1.42	3.24	1.29	1.15	1.13	.49	.17 AMP
				29.50	343.97	219.20	36.72	135.16	200.77	253.92	219.73 PHASE
				10.07	1.44	3.61	1.00	3.44	2.47	1.40	.01 AMP
				20.70	354.36	227.00	95.30	105.77	237.34	276.30	295.09 PHASE
				12.39	1.69	4.89	1.45	5.97	4.45	2.39	1.41 AMP
				24.40	336.91	236.69	136.54	209.07	257.70	290.12	310.81 PHASE
				2.27	1.62	.95	.12	.16	.17	.06	.06 AMP
				35.09	311.45	222.13	59.54	274.62	131.90	102.05	65.41 PHASE
				2.09	1.00	1.12	.11	.29	.16	.05	.07 AMP
				35.14	312.40	220.90	49.40	233.77	121.54	205.25	56.54 PHASE
				3.59	2.10	1.36	.15	.37	.28	.15	.05 AMP
				34.16	314.35	221.06	23.03	220.54	152.00	239.11	42.59 PHASE
				4.50	2.46	1.77	.34	.30	.35	.19	.02 AMP
				32.90	312.72	217.00	15.45	199.60	161.17	231.06	36.07 PHASE
				5.12	2.55	2.15	.40	.37	.43	.22	.05 AMP
				29.93	307.06	209.92	1.19	161.72	149.06	211.07	10.45 PHASE
				7.05	2.13	2.00	1.20	1.14	.06	.39	.13 AMP
				29.02	317.34	214.73	25.92	115.32	150.50	211.66	191.96 PHASE

TABLE VI.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	18.14	28.32	500	16.27	14.29	4.94	4.47	2.29	1.57	1.40	.30 AMP
				138.31	345.64	75.24	391.45	285.71	140.95	73.03	219.17 PHASE
204	20.20	26.86	500	17.06	13.12	4.52	1.18	1.13	1.65	1.29	.39 AMP
				135.13	338.40	55.24	333.10	127.57	107.44	60.93	60.45 PHASE
205	22.57	26.56	500	18.09	12.10	4.74	1.12	1.31	1.69	1.19	.76 AMP
				135.74	330.42	47.77	44.00	98.85	105.24	70.74	54.04 PHASE
207	24.03	26.22	500	19.31	11.47	4.91	1.25	1.57	1.96	1.33	1.54 AMP
				134.15	334.73	41.68	156.31	91.75	89.92	82.33	18.46 PHASE
208	27.09	26.54	500	19.95	11.30	4.84	1.30	1.83	1.89	1.57	2.43 AMP
				128.80	320.60	33.54	169.31	64.41	57.32	51.48	335.07 PHASE
209	29.44	30.49	500	20.70	12.56	4.74	1.40	1.22	1.49	2.54	3.39 AMP
				129.55	335.99	46.07	186.68	57.93	67.69	74.50	10.99 PHASE
210	31.09	33.60	500	20.44	10.66	2.14	1.57	2.35	2.62	1.97	2.96 AMP
				127.69	337.49	61.86	171.39	70.43	130.73	130.29	42.68 PHASE
211	22.70	25.60	500	15.70	13.07	4.63	1.37	1.66	1.15	1.75	.84 AMP
				131.49	338.96	59.12	351.46	276.06	69.50	20.31	193.84 PHASE
212	25.35	25.01	500	19.13	14.83	4.21	1.83	1.61	1.40	1.49	.87 AMP
				130.25	337.30	48.20	25.00	279.07	87.42	4.39	301.72 PHASE
213	27.04	25.15	500	17.86	12.36	4.82	1.21	1.60	1.10	1.87	.13 AMP
				130.11	337.90	44.61	203.51	293.73	114.20	7.40	272.01 PHASE
214	30.42	26.03	500	10.54	11.95	4.61	1.57	1.62	1.06	1.07	.40 AMP
				120.76	337.19	40.69	201.03	293.60	97.17	1.49	321.70 PHASE
215	32.65	27.55	500	19.24	12.74	4.53	1.91	1.10	1.55	1.70	.70 AMP
				127.25	339.62	57.15	233.37	320.10	57.00	41.45	332.53 PHASE
216	33.93	29.04	500	19.13	14.83	4.21	1.83	1.61	1.40	1.49	1.07 AMP
				129.36	341.61	71.71	240.09	11.67	111.50	93.02	44.39 PHASE
217	34.63	32.21	500	18.83	17.24	4.30	1.61	1.74	2.24	1.15	1.46 AMP
				126.60	340.31	92.24	196.66	35.48	141.49	139.79	70.00 PHASE
218	25.57	20.69	500	13.59	10.45	3.69	1.24	1.56	1.15	1.25	.39 AMP
				134.99	353.09	62.57	285.60	306.49	117.70	42.03	109.90 PHASE
219	20.01	20.75	500	14.40	10.34	3.90	1.34	1.51	1.18	1.17	.30 AMP
				132.99	349.04	45.70	230.92	296.02	94.42	7.06	94.02 PHASE
220	30.46	21.47	500	15.40	10.72	4.32	1.51	1.50	1.17	1.22	.32 AMP
				132.54	347.76	39.50	215.32	303.30	76.97	331.24	79.20 PHASE
221	33.11	22.71	500	16.41	11.27	4.54	1.76	1.56	1.18	1.42	.35 AMP
				131.62	343.96	33.50	200.09	302.55	53.06	347.40	39.00 PHASE
222	34.55	23.61	500	16.82	11.67	4.50	1.86	1.64	1.13	1.49	.40 AMP
				129.72	337.62	25.54	109.98	206.24	19.04	340.14	0.03 PHASE
223	35.09	25.00	500	17.34	12.29	4.30	1.96	1.06	1.50	1.13	.94 AMP
				128.09	330.93	37.11	203.51	303.00	14.53	24.51	.07 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	46.41	34.92	500	11.09	3.05	3.20	3.62	7.32	16.55	1.96	.79 AMP
				277.17	144.99	304.92	127.03	322.79	323.49	124.00	74.66 PHASE
204	44.37	41.79	500	10.19	4.67	5.44	2.00	8.40	9.70	5.03	.30 AMP
				200.35	159.79	297.70	75.03	302.56	350.12	65.77	230.72 PHASE
205	42.40	49.01	500	27.72	6.99	6.04	6.10	10.21	7.91	1.92	2.22 AMP
				314.36	163.00	200.27	65.62	315.70	324.36	119.07	44.65 PHASE
207	39.52	57.51	500	38.61	0.26	9.52	0.27	9.59	10.41	1.02	2.30 AMP
				330.05	162.45	272.49	74.91	319.62	350.11	299.04	10.09 PHASE
208	37.55	60.32	500	40.00	0.03	12.60	0.09	9.00	12.64	9.15	3.99 AMP
				333.42	163.02	267.05	55.00	310.51	359.30	303.16	332.50 PHASE
209	35.30	76.32	500	50.12	11.74	20.00	12.14	3.14	14.00	5.00	5.26 AMP
				345.19	104.76	205.54	50.13	331.36	36.77	328.04	15.35 PHASE
210	35.40	134.27	500	64.54	25.04	27.00	24.77	22.00	32.40	6.04	AMP
				2.47	201.72	290.04	07.75	239.02	222.02	100.36	15.55 PHASE
211	39.69	32.24	500	15.40	6.23	4.70	4.57	5.50	6.19	3.51	1.13 AMP
				300.99	178.24	316.34	10.26	206.33	201.69	145.93	309.11 PHASE
212	39.02	46.95	500	25.31	6.94	4.09	6.39	6.44	9.22	3.20	1.44 AMP
				316.50	190.65	207.11	20.33	302.97	257.50	191.30	69.00 PHASE
213	30.32	61.00	500	36.12	7.27	0.03	7.00	5.02	12.20	6.23	1.09 AMP
				327.59	204.37	276.40	30.17	295.04	295.65	263.72	100.64 PHASE
214	37.26	74.37	500	40.54	7.35	11.39	7.00	5.32	13.50	0.02	1.14 AMP
				333.13	219.47	275.50	30.06	271.02	313.75	200.40	151.59 PHASE
215	34.06	93.22	500	63.25	12.49	19.35	10.09	6.59	17.69	7.00	1.54 AMP
				345.73	219.06	292.25	43.35	233.33	359.27	17.60	277.50 PHASE
216	35.00	109.72	500	67.01	19.37	23.00	0.50	14.40	0.32	12.76	1.21 AMP
				355.11	221.07	304.52	69.35	215.95	05.63	142.49	20.09 PHASE
217	36.03	142.75	500	72.11	27.00	24.26	6.69	25.71	10.44	29.01	3.07 AMP
				.09	220.57	306.07	101.41	216.70	190.40	166.69	106.49 PHASE
218	39.23	34.61	500	12.67	6.74	3.23	5.75	4.05	9.63	3.26	1.56 AMP
				320.39	205.50	329.20	26.76	272.53	260.37	166.09	92.50 PHASE
219	39.21	51.19	500	23.71	7.92	4.40	7.67	3.50	12.07	2.66	1.99 AMP
				333.94	213.74	272.73	31.39	263.52	294.07	211.00	124.06 PHASE
220	38.95	60.34	500	35.50	0.00	7.93	0.59	4.10	14.11	3.21	1.47 AMP
				339.99	225.11	265.01	31.32	245.55	315.56	267.05	133.19 PHASE
221	30.56	74.27	500	49.87	10.55	11.20	9.14	6.10	14.34	4.33	.46 AMP
				343.00	237.75	267.55	23.37	227.39	327.66	290.02	205.00 PHASE
222	30.19	70.15	500	57.10	11.74	12.62	9.35	7.63	13.33	4.93	.00 AMP
				341.09	236.00	261.53	7.79	204.11	314.40	309.16	240.00 PHASE
223	37.62	94.32	500	66.76	15.27	17.06	10.42	8.63	13.41	7.40	2.49 AMP
				349.36	232.69	274.53	11.01	192.27	1.14	10.22	320.65 PHASE

TABLE VI.- Continued

(b) Continued

TORSION % PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	1.16	2.77	500	1.67	1.84	.42	.44	.18	.89	.87	.89 AMP
				49.23	292.67	147.75	69.50	286.36	145.50	145.13	157.11 PHASE
204	.73	2.84	500	1.95	1.87	.37	.32	.34	.19	.84	.89 AMP
				49.87	291.88	131.67	65.38	258.56	188.28	51.38	137.58 PHASE
205	.28	3.81	500	2.38	1.88	.34	.11	.26	.16	.87	.88 AMP
				51.57	388.88	147.58	51.94	262.19	178.17	132.89	146.82 PHASE
207	-.39	3.65	500	2.82	1.81	.44	.32	.22	.28	.89	.87 AMP
				49.14	311.53	185.63	385.44	288.28	168.89	216.48	191.82 PHASE
208	-1.88	4.48	500	3.94	1.88	.82	.47	.33	.21	.86	.11 AMP
				42.51	323.65	198.86	296.28	244.56	179.16	384.96	178.12 PHASE
209	-2.88	7.28	500	5.11	1.38	1.48	.81	1.12	.91	.66	.33 AMP
				36.51	9.84	238.19	122.17	281.62	237.91	296.88	325.37 PHASE
210	-4.78	17.98	500	8.64	2.83	2.43	1.59	4.85	4.67	2.88	1.44 AMP
				24.12	9.59	262.37	272.62	258.52	312.13	363.81	12.41 PHASE
211	.81	7.18	500	2.85	1.26	.45	.89	.21	.16	.12	.87 AMP
				49.67	389.19	199.18	123.96	348.88	124.11	44.14	116.37 PHASE
212	-.42	3.71	500	2.49	1.46	.62	.11	.14	.11	.89	.88 AMP
				48.95	311.15	284.45	162.18	313.41	184.85	58.51	76.79 PHASE
213	-.86	4.62	500	3.88	1.66	.83	.89	.17	.21	.85	.86 AMP
				48.58	316.79	215.45	188.88	318.92	124.77	261.51	68.88 PHASE
214	-1.33	6.17	500	3.65	1.76	1.18	.89	.27	.27	.18	.85 AMP
				46.58	319.28	218.26	322.11	316.98	128.27	268.58	336.69 PHASE
215	-2.19	7.68	500	6.26	1.68	1.75	.63	.63	.76	.51	.12 AMP
				42.29	339.22	219.29	82.57	158.55	218.28	292.53	338.22 PHASE
216	-3.28	11.34	500	6.78	1.63	2.87	1.16	2.25	1.83	1.36	.62 AMP
				38.14	362.88	226.71	137.31	215.44	278.41	323.15	353.91 PHASE
217	-4.83	16.61	500	8.53	1.83	2.88	1.89	4.89	3.43	2.38	1.14 AMP
				31.78	347.85	243.82	187.42	248.71	294.52	335.34	2.22 PHASE
218	-.24	3.16	500	2.88	1.24	.53	.11	.12	.14	.87	.88 AMP
				51.52	322.67	232.97	187.83	327.82	144.28	113.62	74.23 PHASE
219	-.66	3.84	500	2.45	1.39	.63	.18	.19	.16	.83	.18 AMP
				49.75	328.16	238.86	118.42	268.45	122.85	216.56	61.28 PHASE
220	-1.88	4.36	500	2.94	1.59	.76	.11	.25	.22	.12	.11 AMP
				48.35	328.29	238.87	76.98	249.93	153.88	278.88	49.32 PHASE
221	-1.51	5.27	500	3.53	1.85	.99	.22	.25	.25	.16	.89 AMP
				46.68	318.28	224.87	51.97	227.48	165.27	274.58	33.86 PHASE
222	-1.78	5.75	500	3.91	1.97	1.21	.28	.25	.29	.19	.18 AMP
				43.64	312.41	217.59	37.78	187.22	154.68	252.82	5.28 PHASE
223	-2.18	7.82	500	4.84	1.99	1.45	.74	.79	.65	.41	.13 AMP
				41.41	322.37	216.59	62.89	137.39	188.88	252.79	388.58 PHASE

TABLE VI.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS

RUN NO 35

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	.97	25.22	500	14.82	11.25	3.24	2.29	2.99	.61	1.13	.21	AMP
				148.82	342.75	41.25	245.54	238.24	74.54	249.27	14.47	PHASE
204	3.34	25.12	500	15.29	18.58	3.82	1.81	3.52	.72	2.98	.76	AMP
				138.80	332.51	27.00	253.18	214.80	74.49	232.42	229.80	PHASE
205	5.90	25.25	500	16.13	18.80	3.10	1.83	3.39	.45	1.81	1.32	AMP
				148.17	332.55	29.24	278.26	228.24	94.46	243.97	238.45	PHASE
207	8.64	27.43	500	17.24	9.46	2.71	2.21	4.82	.31	.99	2.41	AMP
				148.17	329.30	32.92	288.93	211.78	63.91	262.35	288.60	PHASE
208	11.23	28.13	500	17.96	9.57	2.91	2.25	3.11	.49	1.15	3.55	AMP
				136.63	324.82	37.11	287.58	198.58	25.79	225.48	157.78	PHASE
209	13.36	28.68	500	18.88	18.94	2.83	2.57	2.29	.83	2.18	4.99	AMP
				139.55	332.57	49.61	307.69	155.27	71.45	248.73	191.36	PHASE
210	13.80	34.58	500	18.21	16.34	1.83	2.39	7.84	.56	2.28	4.51	AMP
				139.45	322.44	21.95	335.26	152.95	169.46	305.78	215.81	PHASE
211	5.11	22.81	500	15.33	18.42	3.35	1.51	1.12	.69	.57	.86	AMP
				135.30	339.52	36.83	217.66	215.64	73.90	184.31	332.25	PHASE
212	7.69	23.77	500	16.17	18.24	3.47	1.24	1.59	.82	.66	.26	AMP
				135.30	336.13	33.92	235.88	208.85	71.37	164.78	178.32	PHASE
213	10.27	25.14	500	17.21	18.18	3.55	1.16	1.74	.96	.46	.27	AMP
				136.45	336.84	38.86	258.88	196.24	68.66	156.63	183.44	PHASE
214	13.84	26.87	500	18.20	18.24	3.43	1.31	1.92	1.31	1.31	.73	AMP
				136.62	334.85	48.68	278.88	196.89	51.15	154.82	172.28	PHASE
215	15.72	28.88	500	19.51	11.22	3.83	1.79	.54	1.44	1.84	1.33	AMP
				138.26	335.76	58.50	294.73	211.41	61.52	228.99	178.17	PHASE
216	16.58	29.74	500	19.71	12.76	3.59	1.64	2.75	1.58	1.28	2.01	AMP
				148.93	337.33	69.35	387.16	148.42	86.54	277.65	217.49	PHASE
217	17.82	33.87	500	19.86	15.13	3.78	1.55	4.78	1.19	1.45	2.25	AMP
				148.15	335.20	81.83	287.89	155.66	85.13	323.12	238.25	PHASE
218	7.61	19.21	500	13.33	8.29	2.88	2.25	1.25	.83	.87	.49	AMP
				139.55	352.48	39.53	211.88	284.82	182.75	178.28	294.75	PHASE
219	10.15	28.36	500	14.11	8.22	3.88	.94	2.54	.48	1.18	.58	AMP
				137.93	347.86	27.93	212.18	198.84	68.62	99.89	265.46	PHASE
220	12.69	21.91	500	15.17	8.68	3.48	.63	2.61	.55	.27	.58	AMP
				138.87	344.62	29.85	289.49	189.82	42.87	84.49	255.88	PHASE
221	15.48	23.74	500	16.32	9.37	3.95	.34	2.48	.74	.23	.62	AMP
				137.61	338.81	27.83	247.55	181.82	41.82	122.25	227.81	PHASE
222	16.90	24.85	500	16.97	9.77	4.08	.36	2.48	.85	.27	.64	AMP
				135.33	344.82	22.86	288.28	161.38	33.27	136.65	198.99	PHASE
223	18.25	25.73	500	17.73	18.85	4.58	.54	1.98	1.14	.94	1.39	AMP
				135.83	332.98	35.67	332.72	129.33	61.91	288.17	177.61	PHASE

CHORDWISE 77 PERCENT RADIUS

RUN NO 35

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	64.19	22.86	500	7.26	7.13	2.59	1.29	3.91	6.14	.51	.28	AMP
				156.88	341.98	31.57	199.24	279.38	321.54	156.88	37.63	PHASE
204	64.25	22.11	500	5.78	6.25	2.64	1.29	4.16	4.83	2.83	4.95	AMP
				164.52	338.72	7.14	287.92	256.28	351.84	65.89	214.25	PHASE
205	65.73	18.89	500	3.26	5.31	2.36	1.14	4.37	2.95	2.74	4.42	AMP
				174.85	331.84	4.31	42.46	278.69	327.98	121.86	284.47	PHASE
207	66.48	22.83	500	.25	4.58	2.11	1.67	3.83	4.28	.94	1.39	AMP
				191.86	329.87	344.94	63.73	262.36	356.28	276.81	198.75	PHASE
208	68.85	21.68	500	2.15	4.74	2.48	2.22	2.77	5.53	3.68	1.71	AMP
				339.63	325.58	328.88	35.39	256.67	353.75	289.47	158.86	PHASE
209	78.18	27.21	500	4.34	4.68	4.22	3.75	.88	6.86	2.88	2.25	AMP
				.25	223.73	312.53	25.62	124.99	33.89	298.99	195.87	PHASE
210	78.28	52.71	500	8.77	4.82	7.87	.81	11.25	9.14	11.83	1.95	AMP
				37.55	291.33	289.38	16.18	213.39	224.84	188.26	267.35	PHASE
211	62.85	17.47	500	5.43	5.78	3.36	.71	2.58	1.89	1.75	.39	AMP
				152.75	332.95	16.35	328.73	268.49	186.16	151.81	298.28	PHASE
212	63.84	17.99	500	3.84	5.82	3.88	1.43	2.52	2.98	1.71	.74	AMP
				154.93	326.41	18.59	3.64	263.98	255.92	178.81	87.52	PHASE
213	64.74	18.38	500	.45	5.11	2.94	2.81	2.57	4.41	2.39	1.86	AMP
				162.72	325.21	356.17	18.61	251.11	296.83	258.14	188.49	PHASE
214	66.53	23.84	500	2.53	6.74	3.25	2.88	2.95	5.34	3.38	1.95	AMP
				331.67	322.88	339.74	15.35	238.29	316.93	278.99	145.99	PHASE
215	68.32	24.85	500	5.69	7.88	4.98	3.15	2.53	7.12	2.56	1.34	AMP
				352.47	315.24	329.14	28.38	222.18	357.83	2.61	193.12	PHASE
216	78.14	33.98	500	6.58	7.85	5.95	2.48	6.95	2.86	3.96	1.25	AMP
				12.22	381.47	331.87	2.82	192.65	84.97	145.34	239.31	PHASE
217	71.64	45.59	500	8.85	7.31	5.19	49.52	192.65	84.97	145.34	239.31	PHASE
				38.18	284.89	338.42	138.87	288.88	284.97	18.86	1.81	AMP
218	63.38	16.41	500	4.25	4.36	2.78	1.89	2.62	3.37	1.32	.41	AMP
				146.76	343.71	22.41	16.88	234.46	252.54	159.64	71.92	PHASE
219	63.49	15.42	500	1.79	4.44	2.39	1.93	2.74	4.72	.98	.98	AMP
				125.57	333.96	1.18	28.57	218.31	298.38	195.25	124.27	PHASE
220	65.48	11.65	500	1.51	5.17	2.71	2.51	3.14	5.46	1.89	.62	AMP
				17.48	323.89	342.34	29.88	213.16	312.87	268.91	159.81	PHASE
221	67.77	27.24	500	4.44	5.9	3.44	7.93	2.82	5.78	1.62	.58	AMP
				350.51	313.86	338.86	19.27	204.51	324.69	294.19	285.31	PHASE
222	68.94	23.53	500	6.77	7.18	3.84	3.18	4.44	5.28	1.93	.72	AMP
				344.72	311.86	319.88	4.88	183.93	311.82	304.15	286.34	PHASE
223	78.82	34.22	500	7.64	7.88	5.14	3.89	3.99	5.26	2.37	.93	AMP
				352.95	304.73	317.26	4.28	165.97	3.38	358.58	239.63	PHASE

TABLE VI.- Continued

(b) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	-1.94	1.87	500	1.15	.19	.24	.25	.12	.09	.14	.15 AMP
				121.98	288.87	243.78	94.49	18.23	225.23	115.89	38.83 PHASE
204	-2.18	1.85	500	1.30	.24	.18	.17	.11	.16	.09	.15 AMP
				106.84	268.57	239.97	81.83	288.49	192.95	45.38	21.77 PHASE
205	-2.43	1.88	500	1.54	.31	.17	.18	.08	.11	.11	.17 AMP
				96.74	278.18	232.45	122.61	303.86	193.48	69.28	29.38 PHASE
207	-2.70	2.45	500	1.88	.38	.23	.11	.11	.12	.05	.17 AMP
				89.33	291.41	232.78	226.19	278.88	169.92	78.77	18.52 PHASE
208	-2.89	3.18	500	2.27	.47	.35	.19	.24	.15	.11	.14 AMP
				79.88	298.48	213.44	212.87	218.87	185.53	343.38	352.73 PHASE
209	-3.27	5.36	500	2.76	.81	.59	.68	.78	.51	.32	.35 AMP
				66.79	351.28	163.61	177.32	206.43	248.85	332.85	29.94 PHASE
210	-4.38	10.46	500	3.58	2.37	.48	1.35	1.97	2.48	1.68	.53 AMP
				33.56	357.87	241.13	267.17	266.78	315.82	21.27	69.82 PHASE
211	-2.47	1.97	500	1.44	.36	.38	.18	.18	.06	.11	.84 AMP
				104.35	305.78	234.94	131.47	354.65	139.46	38.58	38.45 PHASE
212	-2.78	2.16	500	1.72	.48	.44	.22	.12	.03	.18	.88 AMP
				91.26	302.14	224.44	152.47	359.66	184.31	52.58	29.88 PHASE
213	-2.92	2.73	500	2.05	.63	.52	.24	.07	.11	.84	.88 AMP
				83.13	305.68	223.61	165.58	354.72	94.84	98.48	34.18 PHASE
214	-3.18	3.27	500	2.48	.76	.68	.28	.11	.17	.82	.88 AMP
				76.36	305.75	217.54	166.55	338.69	98.71	144.15	16.35 PHASE
215	-3.31	3.91	500	3.11	.93	.73	.48	.34	.44	.33	.27 AMP
				69.56	328.62	196.88	148.84	141.14	211.11	297.96	45.72 PHASE
216	-3.78	6.93	500	3.36	1.39	.94	.77	.91	1.18	.86	.88 AMP
				59.82	349.44	188.87	172.88	213.23	276.98	343.78	62.42 PHASE
217	-4.28	9.82	500	3.61	2.11	1.82	.85	1.49	2.85	1.42	.51 AMP
				43.51	347.76	214.84	228.86	247.28	382.14	358.87	58.71 PHASE
218	-2.66	1.99	500	1.58	.43	.42	.11	.11	.05	.87	.88 AMP
				108.69	326.99	246.85	155.39	19.83	121.87	184.14	34.86 PHASE
219	-2.88	2.38	500	1.76	.53	.46	.13	.84	.89	.85	.18 AMP
				94.61	317.86	234.68	166.17	345.77	99.15	151.88	32.45 PHASE
220	-3.18	2.65	500	2.87	.65	.58	.11	.84	.13	.86	.12 AMP
				84.76	313.23	225.37	166.12	234.78	121.82	288.69	32.87 PHASE
221	-3.32	3.30	500	2.52	.78	.59	.18	.85	.15	.88	.13 AMP
				76.25	307.88	216.83	138.77	197.81	138.21	211.95	29.11 PHASE
222	-3.37	3.68	500	2.88	.84	.67	.89	.86	.17	.18	.12 AMP
				78.59	301.53	205.44	122.15	137.88	119.37	195.67	8.83 PHASE
223	-3.50	4.17	500	3.19	.99	.78	.37	.37	.32	.24	.19 AMP
				65.68	319.84	189.71	112.91	128.85	178.99	245.59	7.47 PHASE

PITCH LINK											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	-3.86	5.74	500	2.92	2.86	.47	.86	.24	.17	.45	.22 AMP
				226.38	183.17	311.34	236.48	134.62	189.55	66.87	5.36 PHASE
204	-2.58	6.87	500	3.56	1.93	.28	.65	.51	.38	.43	.24 AMP
				226.82	183.26	294.54	232.61	113.72	49.37	34.61	2.14 PHASE
205	-1.77	6.22	500	4.29	1.68	.23	.44	.51	.35	.56	.33 AMP
				228.23	113.89	22.34	283.55	134.54	46.14	28.82	14.23 PHASE
207	-.76	8.55	500	5.67	1.11	.88	.64	.87	.41	.49	.55 AMP
				223.26	117.94	69.16	182.55	136.65	52.23	43.78	.53 PHASE
208	.17	11.16	500	7.66	.85	1.61	.83	.97	.63	.43	.63 AMP
				216.99	127.33	68.77	198.96	94.38	52.67	38.92	332.14 PHASE
209	1.55	16.38	500	18.95	.67	2.68	1.57	1.76	1.68	1.31	.76 AMP
				217.68	186.83	64.38	245.44	46.85	61.48	86.56	53.23 PHASE
210	4.85	28.72	500	16.88	1.63	5.87	.27	8.83	6.39	3.68	2.84 AMP
				212.65	163.16	89.73	342.84	75.65	121.67	151.29	164.96 PHASE
211	-1.25	5.88	500	3.79	2.22	.62	.59	.31	.37	.16	.84 AMP
				251.63	115.98	68.86	194.48	174.39	2.89	354.17	324.42 PHASE
212	-.74	6.93	500	4.51	2.28	1.85	.54	.46	.29	.34	.17 AMP
				243.59	128.72	56.93	178.85	149.14	6.44	359.88	2.46 PHASE
213	-.26	8.38	500	5.37	2.45	1.54	.52	.68	.45	.28	.22 AMP
				238.68	129.27	61.59	178.38	148.28	14.95	15.29	358.69 PHASE
214	.27	9.22	500	6.65	2.56	2.38	.66	.78	.56	.16	.16 AMP
				232.68	134.97	58.34	174.77	149.23	22.68	23.11	334.82 PHASE
215	1.29	15.19	500	9.76	2.26	3.68	1.68	.89	1.48	.59	.49 AMP
				226.78	149.84	62.13	232.57	351.68	46.86	88.72	66.38 PHASE
216	2.18	19.46	500	12.89	2.38	4.27	2.19	3.58	3.83	1.32	1.25 AMP
				225.18	153.87	66.93	278.98	39.67	78.28	118.78	122.16 PHASE
217	3.32	25.48	500	14.61	2.69	5.78	1.72	6.29	4.94	2.38	1.81 AMP
				221.86	144.51	69.68	298.24	58.25	99.41	148.97	148.85 PHASE
218	-.33	6.82	500	3.68	2.12	.92	.53	.32	.29	.22	.88 AMP
				259.24	128.27	87.97	214.98	165.84	21.16	25.28	348.55 PHASE
219	.85	7.84	500	4.31	2.17	1.26	.51	.54	.35	.22	.18 AMP
				258.81	129.72	81.25	282.85	135.77	14.13	31.84	12.78 PHASE
220	.37	8.12	500	5.28	2.48	1.66	.68	.65	.57	.13	.21 AMP
				244.48	134.76	73.88	281.96	127.19	27.82	44.71	17.55 PHASE
221	.66	18.38	500	6.46	3.89	2.31	.85	.68	.66	.88	.24 AMP
				239.92	135.48	66.24	213.95	114.79	27.13	346.18	19.61 PHASE
222	.77	11.63	500	7.28	3.35	2.82	.88	.48	.71	.83	.26 AMP
				231.15	129.95	55.58	283.82	82.87	18.12	5.54	18.58 PHASE
223	1.23	14.48	500	8.37	3.24	3.57	1.62	.75	1.23	.32	.78 AMP
				227.81	135.89	55.23	218.88	345.18	5.43	37.63	29.96 PHASE

TABLE VI.- Continued

(c) $\mu = 0.30$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CO/SIGMA
224	.3	2.6	-2.5	.03175	.00480	.00082
225	-.3	3.6	-.4	.05001	.00605	.00068
226	-.7	4.8	1.6	.06483	.00684	.00088
227	-1.1	5.9	3.6	.07985	.00746	.00124
228	-1.6	7.0	5.6	.09375	.00774	.00188
229	-2.2	8.3	7.6	.10525	.00732	.00313
230	-2.5	9.5	9.6	.11128	.00680	.00505
231	1.4	2.7	-.4	.03205	.00197	.00146
232	.6	3.5	1.6	.04902	.00181	.00165
233	-.2	4.4	3.6	.06544	.00159	.00208
234	-.9	5.6	5.6	.07915	.00089	.00281
235	-1.6	6.8	7.6	.09245	.00011	.00377
236	-2.2	7.9	9.5	.10384	-.00113	.00524
237	-2.6	8.5	10.6	.10711	-.00181	.00630
238	1.1	2.6	1.6	.02668	-.00067	.00207
239	.4	3.7	3.6	.04379	-.00235	.00263
240	-.2	4.6	5.6	.05938	-.00389	.00341
241	-.9	5.7	7.6	.07376	-.00557	.00437
242	-1.5	6.9	9.6	.08717	-.00744	.00558
243	-2.4	8.1	11.7	.09880	-.00972	.00732
244	-2.9	8.8	12.6	.10027	-.01074	.00838
245	-1.1	6.0	7.2	.06868	-.00595	.00416
246	.7	4.4	5.6	.03864	-.00568	.00347
247	-.2	5.4	7.6	.05330	-.00847	.00465
248	-.8	6.5	9.5	.06634	-.01117	.00593
249	-1.7	7.7	11.6	.08089	-.01424	.00750
250	-2.4	8.8	13.6	.09251	-.01708	.00944
251	-2.8	9.6	14.6	.09620	-.01831	.01046

TABLE VI.- Continued

(c) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	44.61	24.63	600	11.06	11.24	5.91	3.42	3.21	2.56	2.59	.56 AMP
				138.58	328.37	91.32	35.59	29.22	386.42	233.87	159.54 PHASE
225	47.12	23.12	600	11.07	10.40	4.87	2.89	3.32	2.18	2.54	.33 AMP
				139.77	328.96	87.10	42.59	28.13	383.71	237.56	189.09 PHASE
226	49.11	22.13	600	10.99	9.74	4.52	2.91	3.78	2.50	2.62	.65 AMP
				136.98	326.94	75.95	43.78	2.31	286.11	239.25	186.56 PHASE
227	51.02	21.02	600	10.75	9.33	4.46	2.89	4.50	2.91	2.94	.80 AMP
				134.85	333.16	77.97	54.85	350.68	290.94	255.80	197.83 PHASE
228	52.03	23.36	600	10.32	8.98	4.25	2.55	4.73	2.85	2.77	1.37 AMP
				129.97	343.63	77.84	62.58	359.26	302.78	273.23	215.66 PHASE
229	54.24	20.17	600	9.99	9.31	3.29	2.65	5.54	3.27	4.19	2.80 AMP
				112.95	343.25	67.86	46.55	332.59	279.26	255.74	189.84 PHASE
230	54.70	31.12	600	10.93	12.65	5.56	2.10	7.10	4.59	1.25	2.39 AMP
				98.57	340.88	249.42	51.65	322.50	322.74	267.23	179.42 PHASE
231	45.54	25.00	600	10.31	11.39	6.08	3.37	3.46	2.00	2.30	.43 AMP
				144.31	333.90	92.54	35.74	53.72	322.17	226.71	156.69 PHASE
232	47.91	22.16	600	9.80	10.46	4.82	2.73	3.71	1.53	2.16	.22 AMP
				145.18	337.88	95.53	50.87	46.96	319.29	240.11	5.72 PHASE
233	50.30	19.24	600	9.31	9.53	3.72	2.74	3.88	1.45	2.86	.30 AMP
				139.03	333.67	87.51	57.40	24.38	287.64	232.64	202.38 PHASE
234	52.43	18.28	600	8.96	9.24	3.13	2.57	3.39	1.48	1.94	.71 AMP
				134.92	340.86	100.06	84.06	31.61	279.75	245.80	161.81 PHASE
235	54.35	20.14	600	8.79	9.61	2.81	2.63	3.00	1.89	2.81	1.27 AMP
				122.07	338.18	91.21	71.54	358.16	259.94	234.44	157.51 PHASE
236	55.89	26.92	600	8.94	9.81	1.91	2.87	4.15	3.55	3.21	2.29 AMP
				106.09	342.82	88.81	46.58	311.40	267.00	258.59	190.81 PHASE
237	56.27	33.39	600	9.65	11.27	.87	3.45	6.02	4.65	2.54	2.39 AMP
				94.66	340.23	154.33	49.96	304.89	293.00	285.25	200.27 PHASE
238	46.49	22.21	600	8.68	11.30	5.65	3.90	2.15	.88	1.44	.33 AMP
				147.03	344.98	109.59	45.53	85.15	346.29	232.56	18.58 PHASE
239	48.94	20.86	600	8.30	10.87	4.92	3.49	2.80	.54	1.51	.42 AMP
				141.20	335.59	91.32	24.35	50.80	309.79	199.80	11.07 PHASE
240	51.42	19.15	600	7.81	10.36	4.14	2.97	1.74	.34	1.68	.21 AMP
				136.89	337.55	93.70	30.43	52.20	278.94	197.26	346.69 PHASE
241	53.66	18.52	600	7.64	10.61	3.59	2.80	1.38	.60	1.66	.19 AMP
				131.24	342.25	101.87	42.45	70.40	218.60	216.59	11.27 PHASE
242	55.90	17.90	600	7.39	10.43	3.12	2.14	.93	.99	1.75	.20 AMP
				115.91	338.93	99.98	36.45	59.04	286.46	195.53	66.70 PHASE
243	57.81	25.42	600	7.92	10.55	1.94	2.92	1.61	2.80	2.52	.89 AMP
				99.64	349.47	101.74	21.58	276.65	265.96	254.48	190.70 PHASE
244	58.40	28.64	600	8.71	11.22	1.41	3.92	2.85	3.62	2.19	1.17 AMP
				83.47	345.84	120.67	25.80	290.13	289.74	274.55	209.91 PHASE
245	53.07	18.81	600	7.90	10.50	3.65	2.78	1.65	.25	1.65	.17 AMP
				129.70	336.15	89.12	23.65	47.17	254.41	192.09	312.95 PHASE
246	49.81	16.52	607	7.24	8.74	3.59	3.08	1.88	.42	.87	.38 AMP
				142.75	347.19	95.44	29.40	48.81	329.00	224.55	278.35 PHASE
247	52.19	15.59	600	6.87	8.72	2.73	2.58	1.99	.14	.79	.50 AMP
				135.56	348.14	94.80	24.73	34.74	293.10	202.33	278.92 PHASE
248	54.50	15.95	600	6.73	9.18	2.10	2.59	1.67	.29	.92	.41 AMP
				125.55	346.07	83.24	18.10	27.05	197.79	197.20	265.81 PHASE
249	56.95	16.61	600	6.73	9.59	1.33	2.44	1.78	.42	.94	.43 AMP
				109.50	343.28	74.00	4.68	12.72	191.03	180.81	236.27 PHASE
250	50.97	22.21	600	7.74	10.27	.52	3.14	.96	1.63	1.84	.76 AMP
				85.14	341.40	71.41	328.81	255.90	201.19	197.95	183.35 PHASE
251	59.55	26.36	602	9.16	10.69	.14	3.90	2.43	2.18	2.13	.90 AMP
				73.76	335.45	124.52	324.27	244.90	223.95	225.24	188.54 PHASE

TABLE VI.- Continued

(c) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO		35									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	48.34	45.67	600	17.89	7.47	9.99	4.62	6.96	13.01	1.60	.45 AMP
225	45.58	63.47	600	259.46	144.53	250.00	184.53	254.29	242.66	174.39	45.15 PHASE
226	42.46	69.32	600	31.35	10.13	13.50	5.28	19.00	15.03	1.00	.01 AMP
227	39.74	71.04	600	282.98	162.77	274.55	183.62	258.56	288.51	194.93	81.51 PHASE
228	37.50	86.27	600	43.90	13.50	12.49	5.62	12.13	7.75	1.53	.27 AMP
229	37.27	113.48	600	302.53	160.64	267.57	82.82	266.88	315.76	55.07	29.91 PHASE
230	42.22	144.84	600	58.61	15.28	14.59	7.15	10.38	6.62	.00	1.06 AMP
231	46.95	48.29	600	320.40	165.87	263.31	80.22	288.42	324.85	228.27	23.17 PHASE
232	45.58	53.39	600	74.56	14.68	19.17	8.06	7.23	6.45	4.69	1.00 AMP
233	44.09	60.52	600	334.49	172.75	269.80	80.67	329.63	359.47	291.19	47.23 PHASE
234	42.98	77.03	600	89.20	15.52	24.74	10.11	4.28	5.47	5.23	2.13 AMP
235	42.15	97.09	600	340.67	171.71	264.67	61.46	330.38	5.03	300.13	40.33 PHASE
236	43.48	121.43	600	94.66	26.71	30.71	10.31	13.30	24.35	6.61	27.43 PHASE
237	46.15	136.00	600	358.09	197.53	274.97	84.67	181.79	204.84	227.91	3.62 AMP
238	46.89	44.72	600	19.25	9.03	9.15	3.73	8.70	12.07	2.55	1.20 AMP
239	47.43	49.96	600	204.43	157.27	283.69	127.32	290.31	247.25	149.65	48.47 PHASE
240	47.16	68.72	600	31.21	13.51	10.42	2.76	10.36	4.95	.75	1.29 AMP
241	45.97	93.84	600	307.67	168.05	285.76	72.14	298.97	272.07	113.94	68.16 PHASE
242	46.76	116.77	600	45.29	15.13	11.28	5.72	9.98	7.72	.72	1.29 AMP
243	48.69	138.61	600	323.49	168.04	261.15	59.70	294.27	287.27	94.31	53.99 PHASE
244	51.74	147.17	600	59.98	15.27	14.52	7.29	9.09	7.66	1.00	1.24 AMP
245	47.10	80.59	600	336.01	180.79	268.68	73.62	300.53	329.48	354.02	72.18 PHASE
246	48.32	52.64	600	76.77	16.23	20.60	9.18	6.30	6.53	3.45	1.77 AMP
247	49.68	75.56	600	340.65	187.47	263.13	59.85	300.79	335.26	384.79	13.06 PHASE
248	50.92	98.53	600	93.09	19.64	20.77	12.31	3.04	6.30	2.05	1.61 AMP
249	52.28	125.49	600	352.93	195.55	267.83	53.37	150.74	64.23	2.99	16.49 PHASE
250	54.67	150.50	600	96.63	26.38	31.74	12.23	14.13	11.70	4.36	2.48 AMP
251	55.79	101.23	600	358.73	203.23	267.56	60.50	182.46	170.14	150.35	349.35 PHASE
				11.54	10.77	7.23	1.09	4.53	16.01	2.16	.50 AMP
				292.39	169.06	305.62	81.01	291.44	222.01	132.79	29.63 PHASE
				23.43	16.18	9.79	2.69	5.80	1.40	1.40	.27 AMP
				313.51	172.39	203.91	2.61	259.55	190.73	00.05	39.29 PHASE
				39.52	19.22	13.73	4.88	6.59	11.35	.34	1.00 AMP
				331.27	185.83	266.46	21.05	273.99	245.50	226.66	76.63 PHASE
				56.19	21.71	18.96	7.10	7.60	13.59	1.29	.29 AMP
				343.00	202.31	271.65	43.95	202.77	200.88	256.91	320.57 PHASE
				78.04	23.20	25.17	9.05	6.29	12.79	2.07	.78 AMP
				347.05	206.10	267.20	45.21	254.64	206.59	263.90	204.09 PHASE
				97.34	27.09	33.09	10.25	6.69	6.99	.84	1.29 AMP
				359.33	222.01	279.30	61.94	206.84	26.67	47.02	353.68 PHASE
				2.41	222.02	276.54	60.54	195.67	129.25	119.13	14.89 PHASE
				40.86	20.99	17.78	5.84	7.51	12.63	.72	.20 AMP
				332.29	193.78	261.95	22.79	261.95	243.70	216.94	42.00 PHASE
				23.29	16.21	8.35	4.07	4.92	13.05	1.93	.25 AMP
				335.96	188.72	288.09	27.38	246.45	228.87	103.95	190.23 PHASE
				39.92	19.50	13.01	5.63	5.91	13.07	.01	.20 AMP
				342.90	203.45	263.45	23.14	252.71	265.94	135.69	106.79 PHASE
				60.04	22.83	18.34	7.39	7.10	13.36	.49	.20 AMP
				347.00	211.46	253.92	27.12	235.60	279.15	160.90	277.38 PHASE
				84.39	23.97	24.20	8.36	8.59	12.50	.48	.37 AMP
				349.62	215.51	253.60	25.71	213.34	281.04	256.97	273.29 PHASE
				115.96	32.06	31.95	8.73	9.50	8.00	2.67	.68 AMP
				353.50	213.27	254.32	13.05	170.11	334.34	343.20	300.35 PHASE
				129.09	43.16	35.33	5.42	11.06	10.10	5.07	1.00 AMP
				356.19	215.40	253.69	307.87	138.53	39.23	16.90	302.88 PHASE

TABLE VI.- Continued

(c) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	6.81	6.35	688	2.25	2.49	1.31	.83	.23	.29	.15	.13
				49.88	282.42	148.52	23.98	158.41	358.81	289.76	114.73
225	5.88	6.48	688	3.17	2.25	1.18	1.82	.37	.19	.17	.25
				47.65	282.35	156.96	36.58	183.21	14.29	248.68	178.24
226	3.98	6.17	688	4.11	1.81	1.13	.56	.24	.87	.86	.24
				43.11	276.48	159.73	48.16	278.89	315.83	236.87	179.88
227	2.52	7.29	688	5.61	.99	1.58	4.45	.48	.17	.22	.22
				39.61	278.28	191.31	26.58	253.44	343.57	253.17	196.17
228	.88	18.39	688	7.87	.36	1.97	.98	.83	.45	.18	.25
				38.18	176.88	221.79	3.64	324.53	51.11	278.25	289.69
229	-1.74	16.56	688	11.78	1.69	2.87	1.38	.68	.38	.28	.98
				38.74	115.28	233.99	11.51	285.61	251.62	274.26	227.56
238	-5.72	38.48	688	17.18	1.14	5.71	.88	6.81	5.56	3.62	2.27
				29.49	285.18	289.73	345.27	277.98	326.62	343.18	31.37
231	5.21	6.37	688	1.91	2.58	1.34	1.89	.13	.27	.31	.22
				61.45	293.29	148.96	19.53	223.77	341.86	224.93	149.13
232	4.48	5.66	688	2.45	2.27	1.11	.58	.41	.17	.25	.22
				59.83	382.86	156.91	36.73	283.28	272.88	227.51	193.75
233	3.54	5.19	688	3.29	1.71	1.88	.46	.36	.29	.25	.27
				49.76	383.48	181.68	28.19	268.39	221.56	219.81	178.78
234	2.45	6.66	688	4.67	1.38	1.34	.74	.31	.29	.38	.28
				48.18	313.59	238.65	37.82	254.29	217.15	234.38	221.24
235	.87	18.65	688	7.13	.61	2.46	1.36	.72	.43	.34	.25
				41.15	383.74	248.12	29.83	217.67	252.53	238.48	218.16
236	-1.53	17.58	688	11.25	.91	3.88	2.29	3.58	2.39	1.56	.94
				35.89	98.66	245.68	84.84	282.18	256.81	289.55	329.95
237	-3.46	24.47	688	14.16	.84	4.71	1.84	6.48	4.81	3.88	2.23
				32.18	123.85	265.17	119.54	238.35	285.75	314.44	389.68
238	4.37	5.14	688	1.88	2.47	1.87	.72	.15	.11	.22	.11
				83.53	321.28	198.58	17.88	242.35	181.89	283.89	97.88
239	3.79	5.89	688	2.41	2.81	1.19	.58	.19	.14	.15	.11
				69.91	312.19	189.19	18.83	269.68	148.86	133.73	77.26
248	3.18	6.75	688	3.19	2.87	1.54	.69	.12	.21	.17	.15
				68.24	316.47	215.99	16.34	162.93	178.43	188.11	131.52
241	2.17	8.44	688	4.54	2.92	2.33	1.37	.63	.49	.24	.18
				55.21	328.74	242.41	34.89	151.78	228.27	264.25	152.51
242	.96	11.81	688	6.78	2.31	3.63	1.97	.96	.78	.37	.28
				45.26	317.41	239.57	22.99	146.63	223.48	277.82	131.42
243	-1.87	18.23	688	18.63	1.15	3.99	3.87	3.63	2.26	1.16	.63
				42.75	355.48	252.88	98.66	197.28	268.59	385.84	331.89
244	-2.51	23.81	688	12.98	1.28	5.89	2.66	5.56	4.89	2.38	1.58
				37.99	338.88	282.62	111.99	214.48	273.21	312.97	346.19
245	2.41	7.87	688	3.95	3.15	2.87	.94	.37	.34	.21	.14
				55.39	314.36	222.84	12.77	128.67	184.75	211.92	128.88
246	3.38	5.84	687	2.34	2.68	1.46	.68	.89	.17	.16	.15
				69.90	322.57	225.14	34.47	239.22	173.23	193.84	128.78
247	2.72	6.87	688	2.99	2.92	1.75	.69	.27	.33	.19	.13
				62.53	324.43	236.22	37.52	223.16	191.66	233.82	145.15
248	2.14	7.82	688	3.86	3.38	2.11	.98	.52	.57	.27	.13
				55.72	322.55	233.67	38.63	194.87	195.93	251.94	148.32
249	1.46	9.36	688	5.24	3.47	2.84	1.38	.78	.79	.31	.15
				49.78	317.73	233.22	28.13	164.78	191.82	251.86	135.79
258	-.14	15.38	688	8.81	2.63	3.94	2.73	2.55	1.71	.78	.38
				39.14	322.84	235.85	39.68	137.11	183.12	238.28	233.28
251	-1.17	19.51	682	19.88	2.31	4.58	3.13	4.15	2.64	1.27	.83
				34.21	328.29	225.69	58.57	143.43	189.18	239.98	259.32

TABLE VI.- Continued

(c) Continued

FLAPWISE 37 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
224	28.83	28.41	608	15.73	13.73	6.63	2.13	1.88	.66	.15	.04	AMP
				137.16	338.52	88.48	35.64	35.86	318.21	215.97	242.87	PHASE
225	31.13	26.81	608	16.36	12.48	5.54	1.68	1.94	.46	.32	.17	AMP
				138.85	338.75	74.73	48.17	23.83	381.84	282.88	158.33	PHASE
226	33.14	26.63	608	16.84	11.62	5.33	1.69	2.19	.84	.38	.12	AMP
				136.18	327.48	68.61	58.88	2.75	282.83	214.18	157.39	PHASE
227	35.11	26.63	608	17.32	11.17	5.81	1.88	2.75	.88	.42	.13	AMP
				136.18	332.32	62.13	68.88	351.78	291.78	213.57	165.98	PHASE
228	37.83	25.96	608	17.54	18.92	6.85	1.58	2.98	.72	.46	.01	AMP
				135.88	339.79	63.94	88.85	1.52	297.52	238.53	187.93	PHASE
229	38.73	26.78	608	17.41	11.66	5.55	1.64	3.64	.75	.38	.48	AMP
				128.23	336.83	55.26	76.17	336.63	285.75	216.84	359.77	PHASE
230	39.62	33.92	608	17.14	17.58	2.79	1.84	4.47	.93	.55	.28	AMP
				126.15	335.62	72.57	188.86	332.88	316.32	173.33	137.52	PHASE
231	38.86	27.35	608	15.19	14.28	6.92	2.89	2.33	.58	.33	.24	AMP
				139.61	337.19	81.58	35.56	58.86	338.98	224.96	287.72	PHASE
232	32.37	25.94	608	15.52	12.99	5.61	1.76	2.35	.51	.48	.21	AMP
				141.89	341.26	82.25	59.98	47.31	317.84	228.29	233.59	PHASE
233	34.67	24.61	608	15.69	11.65	4.69	2.81	2.42	.44	.43	.88	AMP
				137.32	336.36	71.82	72.71	23.51	284.77	285.75	258.65	PHASE
234	36.79	24.88	608	15.83	11.22	4.36	2.84	2.31	.44	.42	.89	AMP
				137.68	341.74	81.82	182.81	28.12	278.35	221.88	272.86	PHASE
235	38.67	25.85	608	16.21	11.74	4.63	2.87	2.25	.61	.43	.15	AMP
				131.56	337.18	72.46	94.81	356.19	248.98	289.71	336.66	PHASE
236	48.66	27.31	608	16.31	12.83	4.61	1.88	3.12	.88	.28	.43	AMP
				128.33	338.29	66.87	78.73	321.76	247.25	198.51	43.84	PHASE
237	41.38	38.79	608	16.24	15.31	3.58	2.23	4.32	.96	.35	.56	AMP
				124.81	336.39	79.24	78.54	318.28	282.55	142.59	77.69	PHASE
238	31.85	26.39	608	13.28	14.35	6.79	2.64	1.43	.38	.24	.28	AMP
				141.54	348.51	188.24	44.44	67.77	338.13	255.18	288.75	PHASE
239	34.38	25.48	608	13.54	13.91	6.38	2.29	1.34	.23	.19	.38	AMP
				137.21	339.27	82.56	27.94	41.28	292.89	226.69	178.28	PHASE
240	36.81	25.14	608	13.93	13.85	5.74	2.88	1.15	.21	.22	.27	AMP
				136.21	348.42	81.74	39.16	38.83	248.88	284.48	172.22	PHASE
241	39.86	24.94	608	14.48	13.88	5.59	1.88	.77	.41	.24	.28	AMP
				135.98	344.78	88.58	57.73	33.86	231.87	231.88	189.65	PHASE
242	41.34	24.84	608	14.68	12.75	5.52	1.37	.61	.52	.24	.12	AMP
				129.45	348.94	83.85	62.33	355.26	227.79	268.83	193.52	PHASE
243	43.55	25.17	608	14.51	13.43	5.11	1.66	1.69	.81	.18	.16	AMP
				128.83	348.51	86.86	33.84	387.88	269.19	24.74	63.39	PHASE
244	44.35	27.98	608	14.42	14.68	5.88	2.63	2.39	1.87	.21	.38	AMP
				123.88	344.87	87.85	30.18	388.11	285.41	52.34	98.88	PHASE
245	38.65	24.24	608	14.22	13.89	5.59	1.74	.95	.31	.25	.29	AMP
				133.52	333.52	77.38	34.43	19.58	228.31	218.49	164.87	PHASE
246	36.23	28.82	607	11.75	11.39	5.14	1.87	1.51	.27	.18	.21	AMP
				139.39	350.69	87.94	23.98	33.98	281.37	196.83	157.58	PHASE
247	38.58	28.68	608	12.17	11.38	4.71	1.64	1.57	.38	.28	.23	AMP
				138.13	353.35	84.18	19.43	22.18	256.48	223.75	167.83	PHASE
248	48.94	21.78	608	12.74	11.95	4.56	1.48	1.37	.36	.22	.25	AMP
				136.41	348.86	76.86	14.11	8.18	241.48	257.51	165.97	PHASE
249	43.57	22.58	608	13.17	12.39	4.25	1.18	1.48	.39	.27	.16	AMP
				132.64	344.54	68.27	1.13	381.74	228.81	279.12	129.88	PHASE
250	45.98	23.49	608	13.54	12.88	3.89	1.82	1.33	.65	.32	.15	AMP
				125.12	348.29	65.38	317.84	278.73	225.92	385.87	17.72	PHASE
251	46.77	26.81	682	13.68	13.69	4.28	2.48	2.18	1.81	.27	.26	AMP
				119.98	334.32	62.83	326.48	261.88	236.78	329.93	12.29	PHASE

TABLE VI.- Continued

(c) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	32.17	47.35	600	16.27	7.03	6.77	4.74	8.36	19.47	1.94	.29
225	29.29	62.04	600	264.30	135.10	257.41	102.52	250.47	243.90	175.91	35.77
226	25.59	61.05	600	28.59	9.66	10.91	6.32	12.05	24.00	1.50	1.50
227	22.35	66.03	600	285.02	154.90	285.20	99.50	261.29	201.07	199.22	49.98
228	19.10	70.66	600	34.51	13.04	11.10	7.05	14.37	13.05	3.05	.34
229	17.31	93.05	600	302.91	154.32	202.05	05.09	270.29	323.09	40.70	326.57
230	20.97	124.65	600	45.03	15.29	12.59	9.17	13.46	10.90	1.02	1.76
231	30.52	40.70	600	319.75	160.15	204.51	03.50	295.71	330.21	131.74	25.47
232	20.70	46.06	600	50.59	15.74	16.67	10.26	11.46	11.43	6.06	2.61
233	26.70	54.93	600	333.20	167.21	291.19	02.16	330.50	13.70	207.95	61.10
234	24.72	65.06	600	69.09	10.43	22.59	12.16	9.13	10.09	0.56	3.90
235	22.67	77.24	600	339.64	166.77	204.17	62.25	330.03	15.05	294.10	29.56
236	22.55	95.04	600	72.74	29.03	20.64	12.04	11.75	34.20	13.05	5.42
237	24.66	120.06	600	350.16	190.50	300.39	96.23	194.93	205.42	221.23	51.56
238	29.05	47.64	600	16.71	7.56	6.34	3.70	10.05	17.06	4.04	.01
239	29.69	44.00	600	202.99	147.73	299.73	123.25	209.03	250.17	137.02	43.61
240	20.72	55.96	600	25.01	11.26	0.15	3.65	11.59	7.20	1.72	.46
241	27.64	70.91	600	304.46	161.42	301.15	77.06	290.74	291.97	112.74	45.21
242	26.23	90.37	600	34.03	13.23	9.04	7.30	12.30	11.29	2.53	1.11
243	26.47	111.02	600	320.13	161.90	200.37	66.00	294.91	297.00	122.96	27.40
244	29.03	127.04	600	45.55	14.16	11.90	0.79	11.92	11.45	2.67	1.40
245	27.05	69.54	600	333.10	174.37	200.12	00.03	311.21	339.02	267.61	56.03
246	29.99	48.41	600	50.32	15.04	16.97	10.70	10.05	10.52	5.45	2.50
247	30.57	63.13	600	337.94	170.42	202.04	65.10	314.20	344.24	205.10	9.93
248	31.07	82.22	600	70.17	21.13	25.03	10.52	.06	9.99	2.72	2.05
249	31.77	123.56	600	350.71	189.47	206.45	57.60	344.64	57.43	329.45	19.16
250	31.00	99.17	600	72.31	20.05	20.15	14.66	14.42	15.50	7.94	3.70
251	32.03	143.98	600	357.55	190.33	207.93	60.33	190.52	175.64	162.20	.05
				10.47	0.34	4.01	2.12	5.22	22.74	3.09	.39
				209.50	163.96	332.09	60.53	290.10	220.40	149.00	340.05
				10.30	12.06	7.05	3.11	6.02	15.11	2.55	.52
				300.03	169.25	300.02	9.04	250.07	109.07	111.46	42.44
				29.52	14.70	9.44	5.30	0.04	16.32	2.12	.01
				326.34	102.14	206.20	29.05	272.07	246.91	204.55	09.92
				41.60	17.30	13.71	7.59	9.44	20.45	3.46	.46
				330.69	190.59	290.40	52.00	279.72	201.05	261.54	124.05
				67.03	19.39	19.61	9.60	0.25	19.90	6.19	.07
				343.64	200.37	203.46	53.66	252.90	205.62	200.14	179.02
				71.76	25.25	20.52	12.30	0.32	10.30	1.45	1.06
				356.70	215.22	295.03	66.55	216.54	13.65	14.09	342.42
				76.47	31.60	31.30	12.53	15.43	9.10	9.72	1.64
				36.44	15.33	12.57	6.36	201.00	142.02	110.63	14.59
				320.00	190.17	279.04	31.05	259.44	244.54	206.37	49.73
				16.60	12.26	5.70	4.64	5.50	10.97	3.00	1.03
				331.00	100.25	315.02	29.36	246.02	227.01	109.46	109.00
				20.23	14.50	0.13	6.02	6.69	19.69	1.47	.76
				330.44	202.17	203.17	25.60	254.69	264.90	172.20	121.90
				42.77	17.14	11.91	7.04	7.93	20.57	1.45	.56
				343.73	209.20	274.27	27.66	237.70	276.10	215.32	99.49
				59.65	19.04	16.79	9.10	9.42	19.75	2.25	.34
				346.05	214.07	267.54	27.44	213.66	277.02	252.69	76.07
				01.97	20.66	25.39	10.00	11.20	12.07	5.03	1.10
				350.76	215.67	268.51	13.51	169.97	321.77	333.07	299.39
				90.91	33.37	29.40	0.23	14.03	11.43	10.43	2.34
				353.09	212.20	260.60	350.51	140.10	30.06	13.52	201.70

TABLE VI.- Continued

(c) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
224	4.06	5.12	600	2.32	1.96	1.13	.60	.22	.16	.04	.07	AMP
225	3.17	5.23	600	29.36	257.77	136.65	.83	141.97	339.56	51.20	18.74	PHASE
226	2.15	5.00	600	3.15	1.77	1.00	.73	.33	.17	.05	.12	AMP
227	.87	6.50	600	30.88	259.21	142.59	7.09	149.06	22.03	236.12	119.47	PHASE
228	-7.70	9.25	600	3.96	1.48	1.23	.31	.21	.09	.10	.13	AMP
229	-2.93	14.42	600	20.13	254.99	141.61	4.92	213.60	87.40	311.74	120.20	PHASE
230	-6.04	23.99	600	5.22	.83	1.70	.29	.40	.04	.06	.12	AMP
231	3.20	5.20	600	26.74	260.56	166.25	322.66	191.02	328.53	297.42	144.97	PHASE
232	2.53	4.02	600	7.16	.30	2.16	.86	.51	.38	.04	.20	AMP
233	1.59	4.53	600	26.77	149.40	191.26	315.67	279.89	19.06	26.94	168.03	PHASE
234	.60	5.99	600	10.46	1.49	2.00	1.24	.33	.27	.55	.18	AMP
235	-0.83	9.27	600	20.49	90.90	199.33	324.03	215.66	199.48	232.40	210.84	PHASE
236	-3.09	15.33	600	15.45	.64	4.00	1.49	5.60	4.95	2.05	1.65	AMP
237	-5.03	21.11	600	17.97	306.34	259.90	305.25	239.24	206.23	304.00	330.52	PHASE
238	2.43	4.36	600	2.17	1.96	1.13	.82	.22	.11	.10	.11	AMP
239	1.00	4.90	600	36.29	269.71	137.74	355.16	210.52	318.87	174.46	89.65	PHASE
240	1.07	5.90	600	2.70	1.75	1.04	.39	.49	.11	.08	.12	AMP
241	-.12	7.49	600	37.50	279.02	144.60	12.03	242.99	177.03	177.76	135.90	PHASE
242	-1.09	11.00	600	3.51	1.29	.89	.25	.43	.25	.11	.14	AMP
243	-3.10	16.77	600	32.54	200.00	160.69	348.94	220.38	148.92	174.47	126.91	PHASE
244	-4.54	20.02	600	4.66	1.01	1.32	.50	.33	.32	.23	.17	AMP
245	.33	7.04	600	34.50	293.03	199.32	351.13	214.42	146.74	197.02	172.09	PHASE
246	1.26	5.25	607	6.74	.47	2.24	1.02	.68	.32	.19	.17	AMP
247	-.62	6.04	608	30.13	200.00	200.00	346.64	175.06	109.37	210.54	171.93	PHASE
248	-0.01	7.12	600	10.33	.94	2.70	1.62	3.11	2.01	1.24	.71	AMP
249	-.77	8.48	608	25.12	00.40	211.00	58.52	163.39	212.17	247.79	270.14	PHASE
250	-2.37	13.09	600	13.01	.30	3.93	1.15	5.43	4.00	2.54	1.63	AMP
251	-3.44	17.32	602	21.85	01.47	1.03	104.40	192.60	244.53	272.17	305.51	PHASE
				1.95	1.82	1.03	4.46	.22	.13	.12	.12	AMP
				50.49	302.23	178.91	344.43	242.15	97.63	128.19	24.26	PHASE
				2.62	2.17	1.10	.27	.27	.19	.19	.19	AMP
				43.70	293.79	171.62	354.36	240.07	93.12	35.30	21.32	PHASE
				3.46	2.25	1.49	.41	.07	.19	.07	.09	AMP
				40.39	290.00	192.67	346.78	167.12	104.22	104.93	63.90	PHASE
				4.72	2.29	2.17	1.00	.47	.37	.14	.12	AMP
				40.31	302.75	217.11	4.79	118.29	159.83	223.47	72.54	PHASE
				6.65	1.73	3.27	1.61	.81	.50	.30	.17	AMP
				33.95	297.95	213.97	351.45	112.50	172.44	230.26	52.94	PHASE
				10.19	.68	3.50	2.60	3.10	1.91	.98	.46	AMP
				33.20	350.76	223.21	66.34	161.40	217.50	264.25	285.38	PHASE
				12.22	.78	4.30	2.23	4.02	3.35	2.02	1.17	AMP
				20.49	330.79	225.49	91.15	170.77	232.46	268.63	295.42	PHASE
				4.10	2.50	1.97	.64	.27	.20	.09	.09	AMP
				30.21	297.01	193.49	343.69	96.22	123.24	166.95	46.22	PHASE
				2.64	2.16	1.45	.40	.12	.16	.09	.11	AMP
				44.10	305.60	203.10	11.70	230.52	110.20	120.90	42.41	PHASE
				3.31	2.40	1.60	.40	.24	.27	.13	.09	AMP
				41.95	307.69	210.35	15.23	192.63	133.94	193.20	55.97	PHASE
				4.14	2.73	1.95	.60	.43	.46	.22	.08	AMP
				39.43	305.16	210.45	13.37	156.29	140.97	212.74	51.99	PHASE
				5.33	2.05	2.50	1.05	.50	.64	.29	.14	AMP
				35.40	307.09	210.50	359.06	120.59	139.14	211.21	47.36	PHASE
				8.49	1.99	1.30	2.44	2.23	1.39	.61	.24	AMP
				29.40	303.37	203.20	14.85	100.59	139.24	194.44	197.72	PHASE
				13.30	1.65	3.72	2.00	3.61	2.19	1.00	.64	AMP
				24.91	301.43	199.95	35.30	107.65	148.90	192.61	213.53	PHASE

TABLE VI.- Continued

(c) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	15.25	32.84	608	18.35	17.33	7.51	.71	.39	1.27	2.48	.85 AMP
				132.77	327.64	62.02	341.21	281.14	185.22	37.78	333.74 PHASE
225	17.82	32.38	608	19.16	15.61	6.77	.64	.12	1.26	2.37	.72 AMP
				133.94	326.78	54.41	323.87	159.72	97.85	44.74	346.27 PHASE
226	28.83	31.38	608	28.88	14.38	6.76	.65	.39	1.32	2.15	.98 AMP
				132.94	321.64	41.58	333.24	126.94	84.13	49.53	344.82 PHASE
227	22.32	31.96	608	28.98	13.62	7.42	.66	.57	1.57	2.42	1.28 AMP
				133.54	324.82	43.96	354.47	118.04	85.81	63.73	359.36 PHASE
228	24.67	32.38	608	21.93	13.81	7.88	.34	.65	1.42	2.51	1.81 AMP
				133.99	329.99	46.59	354.96	142.81	94.67	88.18	22.55 PHASE
229	26.61	35.33	608	22.35	14.87	7.72	.26	.58	1.85	3.76	3.17 AMP
				129.78	325.21	35.26	178.88	129.53	65.85	66.58	359.96 PHASE
230	27.38	39.32	608	21.76	22.82	5.14	1.47	1.91	2.73	.95	2.65 AMP
				131.85	338.84	55.93	198.19	88.16	129.37	77.99	358.56 PHASE
231	16.75	34.28	608	18.37	17.76	7.61	.88	.57	.97	2.89	.28 AMP
				134.93	334.14	62.75	334.88	261.51	114.45	33.83	192.17 PHASE
232	19.13	32.89	608	18.82	16.82	6.66	.68	.83	.89	1.84	.14 AMP
				135.67	337.28	63.55	358.61	59.93	188.81	49.14	36.84 PHASE
233	21.78	38.61	608	19.47	14.18	6.82	.48	.21	.95	1.75	.57 AMP
				133.83	338.23	46.27	4.99	74.27	79.72	43.36	7.68 PHASE
234	24.18	29.59	608	19.93	13.58	5.81	.16	.48	.94	1.79	.91 AMP
				135.56	333.63	53.75	352.58	77.79	88.18	58.66	353.51 PHASE
235	26.52	38.83	608	21.11	13.78	6.36	.87	.75	1.19	2.86	1.47 AMP
				133.35	329.17	47.62	277.18	58.11	66.85	51.15	344.54 PHASE
236	28.84	32.98	608	21.71	15.88	7.83	.17	1.47	2.24	3.35	2.57 AMP
				129.48	331.25	47.45	244.83	42.43	72.51	74.22	6.69 PHASE
237	29.72	35.95	608	21.67	18.78	5.96	.51	2.27	2.88	2.61	2.58 AMP
				127.38	331.49	59.23	188.89	47.58	181.27	95.67	14.18 PHASE
238	19.38	32.98	608	16.95	17.67	7.33	.87	.81	.36	1.32	.19 AMP
				136.41	345.78	81.72	2.93	299.88	168.89	31.35	261.73 PHASE
239	21.74	31.49	608	17.34	16.77	7.16	.77	.83	.17	1.34	.21 AMP
				131.52	335.27	68.54	338.32	286.55	84.48	356.52	239.36 PHASE
240	24.41	38.67	608	18.12	15.58	6.96	.48	.83	.28	1.52	.84 AMP
				131.39	335.89	57.68	322.68	298.38	79.93	6.31	218.39 PHASE
241	26.88	38.68	608	19.18	15.32	7.26	.56	.88	.29	1.49	.11 AMP
				132.12	338.44	64.74	287.96	325.85	63.48	25.37	285.98 PHASE
242	29.58	38.78	608	19.67	14.72	7.39	.74	.96	.44	1.64	.31 AMP
				127.78	333.89	57.83	234.51	318.54	27.89	5.78	273.44 PHASE
243	32.22	31.84	608	19.88	15.88	7.72	1.32	1.88	1.52	2.29	1.19 AMP
				137.41	348.66	63.71	279.35	8.53	90.28	67.68	18.79 PHASE
244	33.26	34.49	608	19.65	17.87	7.94	.62	2.28	2.14	1.98	1.48 AMP
				121.84	337.43	68.25	278.53	19.37	113.33	85.78	25.38 PHASE
245	26.49	38.32	608	13.64	15.26	7.24	.58	.88	.17	1.46	.85 AMP
				129.34	332.38	52.69	288.45	295.78	89.57	.31	16.88 PHASE
246	24.89	25.22	607	14.92	13.57	6.28	.55	.72	.19	.65	.36 AMP
				132.29	345.21	67.35	303.99	294.41	156.45	16.63	78.92 PHASE
247	27.48	25.27	608	15.57	13.14	5.14	.48	.71	.16	.66	.46 AMP
				131.47	345.39	61.58	283.77	381.93	112.27	5.83	98.64 PHASE
248	29.89	26.81	608	16.34	13.52	6.62	.53	.88	.11	.71	.35 AMP
				133.36	342.57	54.53	258.51	312.89	62.85	358.93	91.23 PHASE
249	32.71	26.86	608	17.12	13.72	6.97	.76	.93	.15	.79	.36 AMP
				131.15	337.21	45.98	213.29	383.65	357.96	344.84	54.28 PHASE
250	35.52	28.68	608	18.87	14.45	7.28	1.21	1.48	.74	1.63	.91 AMP
				127.21	331.85	48.83	217.92	383.38	14.47	18.86	.78 PHASE
251	36.47	38.98	602	18.21	15.84	8.89	.53	1.78	.95	1.75	1.86 AMP
				124.73	326.45	38.77	216.36	311.55	49.63	33.47	7.92 PHASE

TABLE VI.- Continued

(c) Continued

CHORDWISE 51 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	42.57	48.56	600	14.71	5.27	4.89	4.37	9.53	23.80	1.62	.01 AMP
225	39.82	61.64	600	24.75	132.58	261.84	107.25	259.28	246.63	176.46	338.75 PHASE
226	37.44	57.77	600	22.18	7.70	8.44	6.36	13.33	29.34	1.88	.71 AMP
227	34.46	63.56	600	284.89	154.24	295.12	101.39	262.89	203.71	200.58	56.76 PHASE
228	30.62	78.19	600	29.68	10.79	8.69	7.88	15.55	16.49	6.10	.58 AMP
229	27.51	90.94	600	301.54	153.96	294.37	84.61	271.30	328.02	46.04	276.18 PHASE
230	29.19	120.36	600	39.64	12.94	10.12	9.81	14.53	14.07	2.94	1.95 AMP
231	40.16	40.80	600	317.72	156.76	294.29	02.03	299.20	345.74	115.15	35.05 PHASE
232	38.64	43.43	600	51.32	13.92	14.26	11.50	12.67	15.02	7.09	3.05 AMP
233	37.12	53.67	600	330.95	160.43	299.89	78.52	346.68	21.45	205.13	59.69 PHASE
234	35.59	60.82	600	61.78	18.27	21.83	16.82	10.10	13.73	8.02	4.90 AMP
235	33.54	68.75	600	338.51	159.59	291.84	58.89	348.32	21.61	295.11	26.24 PHASE
236	32.20	91.24	600	63.30	20.71	31.63	15.60	13.16	40.45	18.57	7.81 AMP
237	33.15	116.10	600	359.29	194.27	313.14	95.42	201.15	206.33	223.26	61.27 PHASE
238	39.80	52.81	600	14.74	5.61	4.53	3.66	11.34	21.27	4.97	.47 AMP
239	39.44	44.91	600	202.91	147.20	324.20	127.11	209.84	253.06	136.18	02.57 PHASE
240	38.35	59.63	600	21.65	8.73	5.96	3.95	12.81	8.96	2.68	.04 AMP
241	37.13	76.94	600	302.41	162.67	318.24	02.01	299.44	298.74	112.46	11.22 PHASE
242	35.16	92.93	600	29.75	10.65	6.69	7.95	13.66	13.77	3.94	.57 AMP
243	33.95	104.04	600	316.73	161.78	293.35	68.77	295.55	303.95	125.34	51.93 PHASE
244	35.76	126.22	600	38.70	11.52	9.33	9.33	13.20	14.33	.99	.00 AMP
245	37.76	69.40	600	329.43	172.16	298.10	83.49	312.94	344.68	214.20	62.16 PHASE
246	39.27	48.64	600	49.90	13.10	14.37	11.57	11.17	13.57	6.87	2.50 AMP
247	39.28	60.37	600	334.40	175.46	290.78	66.10	310.97	350.08	202.72	4.60 PHASE
248	38.59	90.20	600	59.85	20.84	25.81	18.23	.54	12.87	1.65	3.09 AMP
249	38.24	111.23	600	349.12	184.91	295.54	58.12	19.40	58.65	338.72	15.40 PHASE
250	38.24	111.23	600	61.09	29.07	29.29	16.65	16.38	18.04	11.53	5.12 AMP
251	30.00	129.02	600	358.01	194.29	298.77	73.72	205.19	170.84	169.24	4.09 PHASE
				9.57	6.17	4.26	2.27	6.44	27.19	4.02	.17 AMP
				290.86	165.54	9.53	47.16	291.58	222.99	159.16	359.27 PHASE
				16.25	9.16	5.79	3.44	7.87	17.60	3.48	.78 AMP
				305.02	173.15	337.67	8.98	261.81	191.47	110.74	63.56 PHASE
				25.18	11.27	6.95	5.79	9.48	19.66	2.95	1.55 AMP
				321.70	185.74	300.00	33.17	272.03	260.30	207.07	110.00 PHASE
				35.00	13.47	10.98	8.04	11.24	25.33	4.47	1.45 AMP
				333.86	201.88	300.79	55.41	279.11	204.14	256.31	145.44 PHASE
				48.70	15.55	16.93	10.36	10.20	25.21	6.50	.71 AMP
				339.81	199.86	296.79	55.28	251.74	200.24	266.57	144.27 PHASE
				60.56	23.41	27.81	14.42	10.20	12.00	1.85	1.13 AMP
				355.21	211.83	300.24	70.12	220.57	14.37	52.59	340.75 PHASE
				63.81	30.56	31.11	14.81	10.87	10.54	13.17	1.63 AMP
				.86	211.56	306.73	76.36	204.87	151.83	125.38	11.69 PHASE
				30.97	12.64	9.75	6.77	10.73	22.65	3.43	1.39 AMP
				323.75	193.81	298.30	33.61	259.52	248.01	200.17	75.01 PHASE
				14.13	9.88	5.08	5.07	6.57	22.96	4.17	2.03 AMP
				328.39	192.91	345.40	20.00	248.64	230.47	113.84	111.50 PHASE
				23.47	11.68	5.92	6.53	7.64	24.32	2.14	1.57 AMP
				335.02	206.42	305.90	27.20	256.60	267.40	100.93	127.33 PHASE
				35.10	13.53	9.89	8.38	8.07	25.70	2.12	1.42 AMP
				339.94	214.30	292.33	20.83	239.74	270.26	224.86	116.81 PHASE
				48.60	15.41	13.76	9.98	10.94	24.75	2.06	1.05 AMP
				342.32	218.34	283.23	27.52	214.94	277.98	254.07	70.63 PHASE
				66.48	22.72	24.23	12.94	13.20	15.48	6.28	1.73 AMP
				348.71	215.26	281.85	17.74	171.93	320.73	342.65	310.26 PHASE
				72.71	29.74	29.36	10.96	17.37	12.55	13.00	3.20 AMP
				352.74	210.18	282.10	12.57	141.84	42.09	21.66	291.02 PHASE

TABLE VI.- Continued

(c) Continued

TORSION 50 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	1.14	3.70	600	1.07	1.40	.72	.46	.00	.10	.16	.11
				52.07	274.15	148.53	46.57	145.43	62.66	69.51	1.43
225	.69	3.05	600	2.29	1.51	.64	.52	.19	.18	.05	.00
				52.47	277.19	143.41	52.95	153.05	92.01	90.10	59.36
226	.15	3.90	600	2.63	1.46	.75	.22	.11	.20	.16	.14
				49.06	270.01	136.85	71.83	251.20	126.03	8.60	99.86
227	-5.55	4.22	600	3.23	1.19	1.02	.04	.26	.09	.15	.11
				46.76	292.05	163.43	306.50	202.70	130.96	26.09	130.79
228	-1.34	5.22	600	4.13	.70	1.37	.27	.25	.25	.21	.18
				42.96	319.00	187.13	316.10	306.40	60.69	74.83	105.48
229	-2.68	0.21	600	5.93	1.05	1.90	.00	.20	.15	.17	.20
				31.46	22.47	109.34	316.94	230.04	237.03	200.41	273.13
230	-6.07	17.57	600	10.00	1.79	3.01	1.83	3.94	4.31	2.18	1.27
				22.01	355.65	262.99	325.42	265.90	324.16	1.29	5.00
231	.46	3.02	600	1.90	1.48	.71	.54	.15	.03	.07	.07
				56.61	207.64	147.51	33.44	273.01	95.05	79.26	06.46
232	.05	3.66	600	2.22	1.43	.59	.30	.36	.15	.04	.07
				57.45	294.71	149.04	64.13	269.93	175.43	45.02	144.39
233	-.42	3.49	600	2.59	1.32	.47	.13	.33	.25	.01	.00
				53.65	295.56	149.72	94.79	256.17	153.95	269.69	123.51
234	-.92	4.18	600	3.14	1.35	.69	.11	.18	.36	.12	.12
				54.07	309.03	190.34	9.23	262.74	160.50	254.06	194.47
235	-1.62	5.22	600	4.13	1.20	1.25	.42	.32	.30	.12	.15
				46.52	315.60	200.53	340.74	199.65	186.65	309.05	170.63
236	-3.09	10.27	600	6.30	1.20	1.93	.54	2.11	1.55	.98	.47
				35.13	14.00	195.17	107.56	106.76	240.05	304.16	329.38
237	-4.60	15.01	600	0.53	1.24	2.40	.52	3.00	3.30	2.09	1.09
				29.09	0.07	229.74	101.43	217.35	279.66	327.74	350.05
238	-.02	3.39	600	1.05	1.46	.61	.24	.21	.14	.12	.08
				67.53	310.00	109.30	34.20	307.51	125.36	103.30	49.49
239	-.30	3.90	600	2.31	1.71	.72	.20	.26	.17	.17	.04
				50.61	307.03	101.23	50.79	290.06	110.07	42.11	03.59
240	-.77	4.71	600	2.01	1.09	.00	.19	.12	.23	.09	.07
				55.62	310.43	197.75	51.72	333.37	102.05	07.40	57.34
241	-1.23	5.90	600	3.49	2.14	1.24	.45	.28	.36	.12	.17
				54.94	316.34	210.51	36.01	93.95	102.55	201.27	50.77
242	-1.02	6.70	600	4.50	2.03	1.01	.72	.42	.44	.31	.22
				47.94	313.39	216.02	13.02	105.94	163.44	203.06	49.06
243	-3.25	10.40	600	6.06	1.36	2.12	1.47	2.00	1.33	.93	.91
				42.00	347.76	210.70	102.24	105.50	244.43	310.17	7.07
244	-4.44	14.55	600	0.40	1.47	2.60	1.34	3.16	2.61	1.06	.01
				36.15	345.26	225.60	132.75	207.70	267.27	319.09	351.92
245	-1.19	5.45	600	3.20	2.13	1.17	.20	.16	.29	.03	.12
				52.54	300.00	203.43	20.31	54.64	116.05	207.30	14.52
246	-.62	4.07	600	2.34	1.70	.09	.20	.12	.16	.00	.10
				50.36	317.71	214.00	55.79	319.02	129.32	107.35	43.01
247	-1.01	4.00	600	2.03	1.09	.00	.27	.00	.24	.06	.13
				55.52	317.54	220.17	61.00	241.30	130.70	227.74	45.22
248	-1.41	5.61	600	3.41	2.13	1.20	.43	.22	.36	.15	.13
				52.39	314.90	210.97	50.95	169.04	149.33	250.22	30.75
249	-1.00	6.57	600	4.13	2.36	1.46	.50	.36	.49	.23	.15
				40.06	310.32	210.33	33.45	130.53	147.12	253.93	23.46
250	-2.67	9.09	600	5.05	2.11	1.77	1.45	1.54	1.11	.00	.19
				40.40	313.02	200.65	47.56	121.92	163.93	241.09	290.59
251	-3.39	11.16	600	6.99	1.93	2.10	1.03	2.44	1.60	.99	.42
				34.04	315.29	197.00	69.21	131.96	101.02	230.00	270.05

TABLE VI.- Continued

(c) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	-2.62	38.82	688	16.71	14.57	5.81	3.84	3.32	.26	2.47	1.49
				135.61	323.59	38.84	212.88	286.19	163.62	287.92	145.76
225	.56	38.32	688	17.46	12.88	4.63	2.25	3.43	.36	2.38	1.38
				136.68	322.98	36.17	218.21	197.78	166.56	212.63	163.48
226	3.47	38.17	688	18.44	11.68	4.33	1.99	3.78	.68	2.81	1.55
				135.72	317.54	35.33	216.82	181.66	126.81	214.71	161.59
227	6.51	38.12	688	19.62	18.58	4.43	1.72	4.19	.68	2.86	1.89
				137.49	319.49	43.78	228.33	171.85	148.29	231.52	172.81
228	9.72	31.24	688	21.23	9.63	4.36	1.28	3.86	.74	2.83	2.69
				139.82	323.69	51.58	257.12	177.85	138.74	247.14	198.25
229	12.82	32.83	688	22.26	18.14	3.58	1.99	4.37	1.23	3.43	4.52
				135.88	318.57	28.59	284.73	148.47	128.28	236.61	179.38
238	12.88	42.67	688	21.96	17.56	3.21	1.87	9.18	1.98	1.64	3.82
				139.37	324.88	22.17	71.73	182.29	189.34	247.19	173.14
231	-.64	31.68	688	17.58	14.58	5.84	3.16	3.55	.39	2.18	.89
				137.75	331.75	38.39	214.57	228.46	53.69	218.21	154.27
232	2.28	29.97	688	18.84	13.13	4.38	2.12	3.76	.49	1.82	.48
				139.56	334.28	37.12	229.16	221.88	187.71	221.95	216.95
233	5.81	29.43	688	18.27	11.78	3.84	2.82	3.73	.37	1.58	1.13
				138.22	326.86	29.66	249.73	285.16	98.64	214.39	198.44
234	7.69	29.88	688	18.49	11.45	3.68	1.98	3.36	.46	1.68	1.58
				141.68	329.11	46.81	287.89	216.79	186.16	224.82	198.88
235	18.52	31.69	688	19.88	11.88	3.98	2.13	2.65	.61	1.68	2.42
				138.28	325.16	48.42	286.77	188.15	62.45	218.43	178.99
236	12.68	32.37	688	28.43	12.89	4.15	2.83	3.84	.84	3.25	4.89
				138.38	327.69	41.74	314.18	125.12	183.49	245.65	189.82
237	12.88	35.85	688	28.18	16.22	3.77	1.68	6.88	.78	2.87	4.12
				137.87	326.57	39.88	333.33	126.81	135.37	278.61	192.11
238	1.28	29.67	688	17.12	14.71	4.84	2.87	2.36	.48	1.48	.22
				148.28	346.46	51.89	218.62	251.85	88.61	287.93	158.18
239	3.91	29.83	688	17.66	14.82	4.72	2.28	2.33	.59	1.48	.24
				136.56	335.44	37.88	288.85	238.38	64.68	163.48	189.51
248	6.71	29.66	688	18.18	13.86	4.59	1.67	2.12	.74	1.38	.31
				137.48	334.22	43.55	232.59	238.63	61.56	167.49	198.46
241	9.53	38.78	688	19.19	13.17	4.95	1.88	2.16	.66	1.13	.39
				139.91	337.18	56.58	264.44	281.65	63.76	188.21	289.78
242	12.84	31.58	688	28.11	12.94	5.25	1.88	1.78	.84	1.27	.62
				137.33	329.58	54.16	279.58	237.55	54.53	164.35	162.52
243	15.28	32.27	688	21.81	13.55	5.53	1.27	1.88	1.22	1.88	1.98
				148.92	336.69	61.78	324.87	143.53	97.18	238.82	195.82
244	15.97	34.62	688	21.17	15.44	5.87	.92	3.46	1.46	1.73	2.44
				139.91	333.56	62.99	312.14	137.64	95.16	264.89	198.44
245	8.86	38.84	688	18.71	13.86	4.99	1.54	2.18	.81	1.25	.43
				136.45	331.84	41.67	238.63	227.53	62.51	161.13	194.56
246	6.56	25.41	687	15.58	11.44	4.11	1.76	2.56	.58	.54	.48
				139.85	345.48	45.11	281.85	221.86	98.15	187.32	258.38
247	9.35	25.53	688	15.95	11.86	4.42	1.85	2.62	.48	.61	.73
				139.67	343.85	43.88	198.32	211.42	85.81	172.38	254.52
248	12.86	26.92	688	16.95	11.45	5.81	.65	2.33	.57	.65	.64
				139.21	339.85	48.42	283.59	288.95	61.97	171.11	246.86
249	15.13	29.89	688	18.81	11.91	5.56	.21	2.46	.88	.71	.76
				137.78	332.81	37.21	182.61	185.35	59.56	158.82	223.18
258	17.82	38.27	688	19.15	13.39	6.48	.65	1.54	1.33	1.58	1.36
				135.81	327.32	34.84	65.25	189.96	61.34	184.92	177.71
251	18.67	38.33	682	19.19	14.59	7.16	.71	2.96	1.47	1.64	1.37
				134.94	323.89	31.68	49.37	81.82	56.15	216.88	174.93

TABLE VI.- Continued

(c) Continued

CHORDWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
224	68.26	27.17	688	8.59	9.89	3.27	7.88	5.64	9.22	2.89	1.41	AMP
225	61.67	32.75	688	154.84	321.52	27.83	174.87	232.26	238.44	288.12	158.25	PHASE
226	63.75	27.93	688	7.18	7.37	3.89	1.25	6.55	11.24	1.65	1.34	AMP
227	65.17	23.28	688	164.12	316.43	8.86	137.67	235.69	275.92	287.65	152.33	PHASE
228	66.58	27.61	688	4.87	5.87	4.83	2.28	6.28	6.21	1.85	1.62	AMP
229	67.42	32.42	688	178.18	387.41	4.94	185.48	238.64	326.17	55.96	161.31	PHASE
230	67.61	55.51	688	2.86	4.71	4.32	2.81	3.99	5.34	1.87	1.68	AMP
231	68.12	29.54	688	189.52	389.84	7.82	98.21	255.95	349.82	138.77	141.96	PHASE
232	68.94	21.59	688	1.59	3.86	4.86	3.47	1.85	6.48	3.89	2.24	AMP
233	62.78	23.84	688	325.66	321.25	1.18	74.86	336.98	28.89	252.82	162.28	PHASE
234	64.68	24.71	688	5.84	2.56	5.88	4.48	2.52	6.15	4.38	2.63	AMP
235	66.28	22.58	688	356.92	324.69	325.74	43.83	48.61	33.87	256.96	148.92	PHASE
236	68.58	29.54	688	9.36	6.62	18.97	5.49	9.17	15.69	7.72	4.55	AMP
237	69.71	58.48	688	35.64	277.64	323.42	72.74	161.57	199.85	215.87	95.45	PHASE
238	68.16	31.98	688	8.88	8.98	4.64	2.42	5.98	7.88	2.54	.49	AMP
239	61.88	23.79	688	152.52	328.98	24.58	187.15	257.19	247.63	158.88	158.55	PHASE
240	66.28	24.79	688	6.86	7.28	4.27	8.89	6.89	3.26	1.33	.88	AMP
241	65.17	28.59	688	159.88	328.89	24.66	18.16	264.43	298.19	158.94	199.94	PHASE
242	67.38	28.18	688	3.54	5.78	3.62	1.43	5.88	5.28	2.86	1.24	AMP
243	69.92	28.24	688	168.89	318.38	11.85	72.96	258.86	381.62	142.72	169.59	PHASE
244	71.59	39.31	688	.88	5.41	3.45	1.97	5.32	6.88	1.49	1.68	AMP
245	65.51	27.64	688	178.14	319.97	11.78	77.24	275.22	342.97	198.38	176.84	PHASE
246	63.33	23.78	687	1.81	5.56	4.15	2.97	2.99	5.96	2.68	1.63	AMP
247	64.24	22.18	688	356.92	313.17	352.21	54.44	279.87	348.96	253.87	155.97	PHASE
248	66.28	24.79	688	5.16	4.51	6.98	5.78	3.39	5.45	2.33	2.23	AMP
249	68.58	28.38	688	19.88	294.24	323.15	48.66	118.95	57.83	249.42	189.42	PHASE
250	71.33	27.77	688	7.98	5.62	7.77	4.73	8.99	7.22	4.17	1.57	AMP
251	72.82	42.88	682	48.81	271.86	315.64	69.78	168.87	178.43	177.33	159.52	PHASE
				8.14	8.71	4.99	1.28	4.18	18.22	2.41	.43	AMP
				148.25	343.15	48.13	227.97	267.47	215.28	179.75	155.46	PHASE
				6.38	7.65	5.28	.78	4.64	6.38	2.27	.79	AMP
				147.69	326.94	25.64	258.83	243.11	182.61	134.83	86.36	PHASE
				3.97	7.81	4.72	.98	5.82	7.17	1.95	1.28	AMP
				147.61	319.36	19.82	12.32	281.95	246.47	187.49	121.31	PHASE
				1.74	7.44	5.21	1.76	5.72	9.85	2.83	1.36	AMP
				131.85	316.88	16.81	41.42	263.75	288.14	239.17	146.38	PHASE
				2.38	7.41	5.72	2.71	5.11	18.13	2.68	1.45	AMP
				18.58	387.11	356.22	41.31	248.88	283.37	251.61	125.27	PHASE
				5.47	7.32	8.64	5.37	4.68	4.52	.48	1.68	AMP
				23.45	295.88	343.82	56.58	189.14	7.68	257.37	198.49	PHASE
				7.83	7.76	8.94	5.87	9.85	4.43	3.88	1.59	AMP
				39.26	277.58	339.14	74.25	183.89	161.41	126.74	215.92	PHASE
				2.52	7.27	5.12	1.37	5.55	8.36	1.96	1.81	AMP
				147.58	311.62	7.87	19.12	242.33	243.89	188.88	182.35	PHASE
				5.88	5.88	4.65	5.55	4.43	8.64	1.75	.94	AMP
				139.52	331.84	31.26	17.52	238.86	223.19	119.16	122.71	PHASE
				2.76	5.71	4.25	1.55	4.64	9.29	1.18	.72	AMP
				138.74	321.86	28.87	29.86	232.52	268.79	173.68	157.89	PHASE
				1.24	6.58	4.75	2.43	4.99	18.88	1.11	.65	AMP
				57.89	314.16	6.23	29.97	221.89	272.75	285.92	142.14	PHASE
				3.69	7.42	5.47	3.32	5.98	9.61	1.38	.53	AMP
				358.82	385.59	348.46	38.38	288.81	271.92	233.56	123.34	PHASE
				6.92	8.62	8.38	5.44	5.57	5.84	1.68	.73	AMP
				.18	286.28	322.96	17.89	148.81	319.37	313.67	281.14	PHASE
				7.96	9.89	18.72	5.45	9.17	5.63	3.99	1.89	AMP
				9.64	269.21	316.69	14.74	117.18	59.14	6.48	235.96	PHASE

TABLE VI.- Continued

(c) Continued

TORSION 75 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	-2.20	2.50	600	1.37	.29	.51	.35	.20	.14	.20	.20 AMP
225	-2.49	2.35	600	120.97	274.97	222.10	02.76	350.32	222.65	64.44	316.32 PHASE
226	-2.74	2.30	600	1.43	.40	.41	.31	.19	.07	.11	.30 AMP
227	-2.97	2.65	600	105.34	270.35	226.31	00.02	22.25	205.00	04.72	330.01 PHASE
228	-3.09	3.20	600	1.55	.51	.32	.23	.16	.12	.14	.21 AMP
229	-3.32	4.24	600	93.23	269.17	216.41	96.99	317.13	169.96	5.10	359.50 PHASE
230	-4.40	9.55	600	1.85	.61	.41	.22	.12	.13	.17	.20 AMP
231	-2.64	2.73	600	86.93	200.39	212.02	130.30	236.46	229.01	24.01	21.65 PHASE
232	-2.04	2.53	600	2.31	.64	.53	.17	.26	.09	.10	.16 AMP
233	-3.05	2.60	600	04.15	291.05	211.16	105.64	271.10	307.46	64.63	64.36 PHASE
234	-3.23	2.82	600	2.83	.76	.63	.29	.37	.11	.16	.22 AMP
235	-3.39	3.73	600	70.01	322.41	179.27	109.17	247.27	210.37	77.35	3.21 PHASE
236	-3.00	7.16	600	3.85	2.03	1.20	1.45	1.90	2.15	1.01	.54 AMP
237	-4.46	9.00	600	39.00	.12	204.00	271.70	274.16	315.33	32.10	250.10 PHASE
238	-2.09	2.92	600	1.54	.31	.40	.37	.27	.17	.24	.26 AMP
239	-3.05	2.01	600	122.22	207.50	210.20	70.31	350.47	216.99	65.64	346.93 PHASE
240	-3.21	2.07	600	1.63	.35	.37	.26	.19	.15	.17	.22 AMP
241	-3.39	3.55	600	111.13	200.00	229.94	100.26	319.32	199.41	51.11	14.59 PHASE
242	-3.52	4.16	600	1.01	.39	.33	.24	.14	.15	.14	.24 AMP
243	-3.00	6.14	600	97.20	204.52	223.07	127.00	303.61	167.00	36.31	350.20 PHASE
244	-4.37	0.43	600	2.14	.54	.44	.21	.05	.16	.00	.15 AMP
245	-3.39	3.43	600	90.90	290.74	227.70	162.36	303.56	156.55	44.70	20.94 PHASE
246	-3.20	2.02	600	2.63	.72	.65	.23	.22	.20	.17	.16 AMP
247	-3.37	3.10	600	00.23	301.25	211.62	176.40	197.53	190.03	3.36	19.15 PHASE
248	-3.53	3.67	600	3.16	1.14	1.10	.96	1.12	.79	.54	.39 AMP
249	-3.67	4.22	600	60.00	353.00	161.50	167.74	194.07	230.06	347.06	53.00 PHASE
250	-3.90	5.16	600	3.50	2.01	1.05	1.02	1.51	1.64	1.24	.41 AMP
251	-4.14	6.07	600	43.00	352.70	103.05	210.11	222.41	200.15	5.70	79.14 PHASE
				1.00	.42	.54	.33	.20	.00	.21	.15 AMP
				127.30	331.02	237.95	100.06	350.01	203.21	77.32	335.04 PHASE
				1.07	.57	.50	.34	.27	.06	.00	.00 AMP
				107.00	305.33	220.33	103.07	337.00	147.02	23.00	299.05 PHASE
				2.00	.74	.69	.30	.26	.09	.17	.12 AMP
				93.65	303.90	219.53	126.17	14.33	95.46	62.04	347.71 PHASE
				2.49	.97	.06	.26	.30	.22	.06	.23 AMP
				85.97	300.36	226.07	130.50	59.64	124.07	03.67	19.56 PHASE
				2.90	1.13	1.01	.17	.41	.20	.10	.20 AMP
				76.36	303.00	214.31	115.22	65.27	129.50	204.03	16.50 PHASE
				3.57	1.32	1.25	.00	.75	.50	.50	.45 AMP
				66.90	344.74	186.35	145.37	171.05	246.61	347.50	76.03 PHASE
				3.73	1.93	1.41	.07	1.00	1.47	1.06	.51 AMP
				53.51	346.00	192.75	177.46	204.99	273.76	340.00	67.01 PHASE
				2.36	.91	.03	.29	.31	.15	.12	.10 AMP
				05.25	301.44	214.53	125.40	29.24	07.54	59.63	330.56 PHASE
				1.91	.67	.69	.21	.23	.05	.12	.15 AMP
				109.13	321.92	231.97	116.26	12.00	105.46	74.95	342.07 PHASE
				2.14	.81	.78	.21	.17	.12	.07	.17 AMP
				96.35	316.16	229.06	137.20	39.93	103.00	115.43	1.41 PHASE
				2.50	.90	.06	.22	.20	.06	.19	.19 AMP
				85.00	309.62	220.75	124.43	70.70	109.00	163.42	.22 PHASE
				3.00	1.13	.96	.16	.27	.31	.10	.20 AMP
				75.57	303.05	213.26	107.10	73.04	106.44	193.03	350.97 PHASE
				3.60	1.30	1.00	.54	.66	.50	.27	.31 AMP
				62.46	320.41	175.43	94.53	105.20	156.04	246.53	2.24 PHASE
				3.90	1.51	1.40	.06	.07	.01	.42	.25 AMP
				52.61	320.22	159.53	113.37	122.35	190.01	255.56	15.90 PHASE

TABLE VI.- Continued

(c) Concluded

PITCH LINK												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
224	-2.91	8.86	600	3.64	2.85	.83	.98	.88	.38	.45	.38	AMP
				231.76	92.16	302.91	288.62	285.93	118.49	32.77	318.29	PHASE
225	-2.23	8.62	600	4.82	2.61	.51	1.16	.21	.19	.65	.29	AMP
				238.93	89.38	322.55	285.25	26.89	76.92	52.18	326.29	PHASE
226	-1.38	8.95	600	6.88	2.88	.52	.88	.53	.27	.49	.36	AMP
				229.65	79.63	335.73	196.92	138.79	37.69	34.48	3.15	PHASE
227	-.16	9.92	600	7.51	1.48	.95	.77	.84	.36	.61	.44	AMP
				226.77	73.86	16.83	283.12	188.98	74.85	55.69	6.43	PHASE
228	1.13	11.87	600	9.32	.88	1.29	.92	1.43	.32	.52	.57	AMP
				224.88	51.65	45.16	193.22	145.88	157.45	84.36	12.94	PHASE
229	3.26	18.71	600	13.81	1.18	2.31	1.53	1.18	.87	1.42	.69	AMP
				215.39	315.22	57.15	194.43	121.62	68.14	79.57	7.38	PHASE
230	6.57	31.64	600	18.45	1.76	5.62	1.81	6.67	5.85	3.84	1.79	AMP
				214.92	76.94	183.55	226.22	98.52	138.84	142.82	192.92	PHASE
231	-1.91	7.19	600	3.82	2.76	.87	1.82	.87	.36	.59	.38	AMP
				256.71	181.48	292.56	195.54	165.28	182.28	16.68	338.93	PHASE
232	-1.48	6.82	600	3.73	2.58	.48	.62	.49	.48	.43	.41	AMP
				243.38	187.95	383.29	212.72	139.64	88.61	38.89	355.91	PHASE
233	-.66	7.38	600	4.69	1.88	.21	.52	.54	.61	.68	.39	AMP
				232.36	186.18	12.76	284.88	127.27	48.82	25.62	346.61	PHASE
234	.14	8.94	600	6.85	1.62	.88	.78	.55	.68	.57	.43	AMP
				231.39	114.25	66.44	217.53	138.21	46.35	45.84	14.42	PHASE
235	1.23	12.55	600	8.24	1.38	1.84	1.36	.78	.76	.68	.47	AMP
				225.86	99.19	64.66	215.63	86.92	68.71	37.17	4.73	PHASE
236	3.88	19.18	600	12.88	.18	2.58	2.58	2.96	2.65	1.81	.83	AMP
				219.23	57.78	65.39	253.84	27.95	62.16	83.84	87.13	PHASE
237	4.56	26.62	600	15.18	.93	4.24	2.84	6.87	4.71	2.89	1.68	AMP
				216.57	88.88	78.58	272.12	47.87	98.53	116.87	142.66	PHASE
238	-.84	5.95	600	2.88	2.88	.45	.79	.18	.15	.38	.12	AMP
				263.69	123.28	33.53	199.96	176.99	31.28	8.29	3.97	PHASE
239	-.39	6.78	600	3.57	3.85	.46	.67	.22	.26	.34	.18	AMP
				249.98	115.63	7.36	189.24	125.98	6.47	321.49	388.87	PHASE
240	.11	8.11	600	4.42	2.95	.99	.94	.13	.48	.53	.14	AMP
				241.88	121.47	46.73	186.44	287.19	357.59	13.92	348.81	PHASE
241	.73	9.15	600	5.76	3.87	1.86	1.63	.31	.82	.49	.37	AMP
				237.64	126.81	68.83	283.87	386.87	27.55	43.88	352.82	PHASE
242	1.44	12.82	600	7.76	2.71	2.99	2.87	.58	1.89	.33	.43	AMP
				229.53	128.15	59.14	197.15	316.26	25.99	39.38	342.93	PHASE
243	2.79	18.75	600	11.61	1.78	3.52	3.88	3.13	2.57	1.17	1.85	AMP
				227.24	132.53	67.47	255.88	16.54	63.78	93.92	188.12	PHASE
244	3.88	23.58	600	13.85	1.92	4.61	2.67	5.19	4.83	2.24	1.71	AMP
				222.87	125.85	64.61	266.67	31.42	76.82	114.23	122.18	PHASE
245	.59	9.12	600	5.35	3.23	1.58	1.25	.18	.62	.53	.28	AMP
				238.78	119.82	47.59	182.17	238.61	.31	6.71	322.56	PHASE
246	.55	7.84	607	3.77	2.88	.87	.86	.12	.31	.36	.21	AMP
				259.85	127.18	68.27	283.82	153.73	17.78	359.14	334.34	PHASE
247	.95	8.16	608	4.42	2.93	1.34	.97	.25	.49	.36	.25	AMP
				249.73	129.59	72.29	199.84	122.83	14.21	24.63	353.56	PHASE
248	1.21	8.98	608	5.39	3.36	1.84	1.22	.82	.82	.35	.25	AMP
				244.63	127.88	67.88	284.81	72.88	17.31	14.85	347.61	PHASE
249	1.63	11.16	608	6.87	3.61	2.66	1.53	.14	1.85	.27	.33	AMP
				237.92	123.19	61.66	197.32	348.45	7.87	343.23	352.97	PHASE
250	2.43	16.38	608	18.31	3.82	3.88	2.81	1.86	1.95	.62	.97	AMP
				226.84	122.57	51.68	285.85	313.28	358.86	5.55	14.75	PHASE
251	3.83	28.18	682	12.37	2.82	4.62	2.97	3.57	2.78	1.25	1.44	AMP
				221.66	117.72	39.84	218.74	322.26	353.88	35.66	34.88	PHASE

TABLE VI.- Continued

(d) $\mu = 0.30$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CO/SIGMA
255	.9	2.7	-.0	.02998	.00135	.00122
256	.5	4.0	2.0	.04598	.00100	.00148
257	-.1	4.9	4.0	.06279	.00077	.00189
258	-.5	6.1	6.0	.07839	.00034	.00261
259	-1.2	7.4	7.9	.09078	-.00069	.00368
260	-1.7	8.8	9.9	.10108	-.00209	.00522
261	-1.6	10.5	12.0	.10534	-.00334	.00722
262	.9	3.0	2.0	.02428	-.00089	.00180
263	.7	4.1	4.0	.04176	-.00260	.00244
264	.2	5.2	6.0	.05600	-.00418	.00323
265	-.4	6.5	8.0	.07111	-.00610	.00429
266	-1.0	7.7	10.1	.08446	-.00816	.00565
267	-1.7	8.9	12.0	.09481	-.01035	.00728
268	-1.9	9.6	13.0	.09806	-.01113	.00837
269	1.0	3.4	4.0	.02037	-.00252	.00224
270	.5	4.5	6.0	.03603	-.00547	.00326
271	.0	5.4	8.0	.05257	-.00844	.00449
272	-.5	6.7	10.0	.06612	-.01121	.00586
273	-1.2	7.9	12.1	.08066	-.01430	.00743
274	-2.1	9.0	14.0	.09166	-.01728	.00941

TABLE VI.- Continued

(d) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	45.88	27.85	636	18.33	12.85	7.36	3.69	4.23	2.58	2.83	.42 AMP
256	47.45	27.81	636	144.56	334.47	86.89	27.53	78.16	335.68	239.64	42.94 PHASE
257	49.88	23.84	636	18.44	12.36	6.42	3.24	4.41	2.22	2.64	.25 AMP
258	52.18	21.48	636	141.66	334.14	82.89	28.78	53.26	322.78	235.38	17.91 PHASE
259	53.97	21.82	636	9.98	11.48	5.48	2.62	3.99	1.98	2.21	.29 AMP
260	55.16	29.88	636	138.58	332.38	78.85	39.87	39.83	382.85	227.48	194.28 PHASE
261	56.11	37.97	637	9.66	11.85	4.76	2.74	3.37	1.81	1.78	.39 AMP
262	45.69	25.89	641	131.86	331.54	79.27	51.34	38.88	284.14	225.89	175.41 PHASE
263	48.35	25.14	648	9.45	18.76	4.85	2.46	2.61	2.39	2.39	1.84 AMP
264	58.65	24.34	648	123.98	334.37	83.31	54.71	7.66	272.17	236.31	181.74 PHASE
265	53.81	23.29	648	9.59	18.95	3.42	3.26	3.98	4.62	3.98	1.97 AMP
266	55.17	21.88	648	118.49	341.32	77.19	24.94	384.47	284.81	267.26	284.81 PHASE
267	56.88	26.69	648	11.51	12.34	1.97	5.14	7.31	6.57	1.42	2.25 AMP
268	57.55	31.22	648	94.98	336.28	78.51	31.84	321.71	324.58	327.14	212.83 PHASE
269	46.49	21.64	648	8.93	12.44	7.82	4.27	2.74	1.31	1.67	.68 AMP
270	49.86	21.47	648	148.68	334.17	86.38	12.83	65.87	328.43	283.84	28.48 PHASE
271	51.67	28.86	648	8.88	12.53	6.84	3.99	3.28	1.23	1.81	.60 AMP
272	54.17	28.27	648	143.23	339.98	98.18	17.68	78.51	328.49	216.27	46.34 PHASE
273	56.62	28.21	648	8.78	12.43	6.36	3.91	3.84	.99	1.82	.55 AMP
274	58.58	23.44	639	148.27	338.92	88.72	23.48	83.98	337.75	218.16	57.64 PHASE
				8.48	12.16	5.81	3.28	3.51	.67	1.51	.47 AMP
				131.77	335.81	88.96	21.34	88.19	381.98	287.25	61.68 PHASE
				8.22	11.58	5.25	2.53	2.73	1.18	1.15	.34 AMP
				128.49	337.56	91.27	24.36	93.39	268.67	282.54	69.28 PHASE
				8.44	11.24	3.73	3.59	.94	2.98	2.26	.91 AMP
				182.35	334.31	72.93	34.76	165.19	245.86	197.87	116.95 PHASE
				9.44	11.21	3.23	4.98	1.52	4.66	1.62	.84 AMP
				93.61	336.31	78.15	2.67	288.43	285.54	254.84	171.86 PHASE
				7.63	18.56	6.21	3.92	2.72	1.38	1.88	.45 AMP
				141.78	337.81	82.33	6.26	53.64	332.69	287.94	6.76 PHASE
				7.67	18.59	6.13	4.82	2.95	1.87	.95	.41 AMP
				148.84	339.24	88.71	2.76	51.64	331.93	288.38	353.96 PHASE
				7.42	18.57	5.59	3.82	3.28	.89	.96	.84 AMP
				136.13	336.96	74.98	2.33	49.21	324.48	190.11	144.89 PHASE
				7.46	18.76	4.99	3.64	3.87	.72	1.14	.26 AMP
				128.88	336.34	78.68	2.19	53.71	332.16	175.37	165.63 PHASE
				7.38	18.74	3.91	3.12	2.48	.37	1.12	.38 AMP
				112.64	331.59	68.39	347.78	35.26	316.37	158.24	156.75 PHASE
				7.83	18.71	2.19	3.66	.48	1.88	1.64	.61 AMP
				92.22	337.68	63.86	318.88	218.28	218.93	185.94	182.81 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	53.31	58.94	636	15.75	18.72	7.28	7.78	9.44	11.13	2.25	.88 AMP
256	52.82	63.23	636	277.68	157.78	274.22	135.24	286.35	281.97	131.47	53.84 PHASE
257	58.43	69.12	636	26.82	17.28	12.81	6.25	12.88	8.59	1.74	.86 AMP
258	48.84	83.18	636	296.66	165.88	284.72	128.88	263.65	288.55	118.42	45.56 PHASE
259	47.71	99.43	636	39.15	28.79	15.18	3.36	14.34	6.48	6.48	.93 AMP
260	49.86	126.29	636	317.36	171.97	271.75	94.1	274.74	227.42	187.42	55.38 PHASE
261	54.68	167.92	637	56.74	22.48	18.72	8.41	12.63	4.43	1.45	1.87 AMP
262	51.29	48.89	641	338.84	176.44	269.68	75.84	289.17	225.87	97.85	36.88 PHASE
263	52.18	54.54	648	72.44	24.58	24.72	11.72	7.29	3.26	2.18	1.24 AMP
264	52.17	67.43	648	348.79	185.36	278.66	66.42	389.83	19.85	314.31	39.12 PHASE
265	52.88	93.33	648	87.88	28.78	33.86	14.54	3.65	12.82	1.49	1.16 AMP
266	51.94	114.57	648	353.61	196.74	277.13	62.72	189.73	94.79	328.88	358.82 PHASE
267	54.36	132.92	648	188.27	42.22	41.91	13.79	22.55	38.71	4.24	5.86 AMP
268	58.25	173.75	648	5.58	288.62	276.78	91.28	177.67	169.68	225.57	17.38 PHASE
269	58.72	38.73	648	8.99	13.34	7.82	2.76	7.95	9.59	1.17	.36 AMP
270	52.76	58.84	648	274.43	162.36	276.36	145.84	276.64	154.76	34.66	112.45 PHASE
271	54.53	78.98	648	18.81	19.38	11.98	2.63	7.88	12.34	1.48	.53 AMP
272	56.36	182.19	648	318.15	172.89	382.87	158.19	255.56	145.87	13.84	188.84 PHASE
273	58.16	131.78	648	32.72	24.67	15.88	4.22	9.69	14.25	1.88	.54 AMP
274	68.35	159.85	639	338.44	184.81	295.25	181.74	258.28	168.57	49.95	218.35 PHASE
				58.46	29.48	21.74	6.86	12.12	13.79	1.15	1.31 AMP
				338.98	188.83	278.59	85.38	253.66	175.88	84.62	248.98 PHASE
				71.67	33.84	38.35	9.18	18.27	8.58	1.93	1.93 AMP
				347.78	199.49	279.35	74.94	256.47	197.63	175.66	264.35 PHASE
				98.95	37.88	38.87	18.21	7.38	3.59	1.11	2.87 AMP
				349.92	282.87	266.78	45.55	194.71	75.32	265.99	265.87 PHASE
				182.82	41.73	43.38	11.68	14.53	23.49	2.89	1.94 AMP
				.68	287.33	274.31	64.36	171.53	188.88	133.95	311.68 PHASE
				6.82	15.13	8.76	2.83	6.83	9.88	.68	.66 AMP
				288.98	173.44	286.35	281.14	268.88	158.43	348.95	115.77 PHASE
				15.47	28.39	11.76	1.13	8.17	14.46	1.48	.78 AMP
				321.47	177.46	275.36	215.44	238.82	139.86	357.96	135.59 PHASE
				32.49	26.14	15.49	2.58	8.32	17.88	1.98	.78 AMP
				341.58	187.42	278.16	64.63	218.41	155.92	41.83	198.81 PHASE
				53.41	31.32	21.94	5.19	18.26	17.83	1.69	1.15 AMP
				348.23	194.27	267.93	58.65	287.43	177.12	65.27	213.42 PHASE
				78.28	36.36	29.26	7.19	12.44	13.36	1.83	1.67 AMP
				349.32	197.81	257.68	42.97	185.28	179.66	81.47	284.58 PHASE
				186.74	41.88	38.83	6.42	13.81	3.88	1.55	.55 AMP
				355.24	289.99	259.13	22.77	159.33	345.84	381.98	235.78 PHASE

TABLE VI.- Continued

(d) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	5.59	7.86	636	2.88	3.38	1.99	1.18	.18	.46	.33	.17
				71.73	291.58	148.83	2.29	112.68	333.86	286.13	161.42
256	4.73	7.59	636	2.79	3.21	1.59	1.88	.35	.35	.27	AMP
				66.63	293.98	147.65	16.99	217.86	381.88	211.68	178.85
257	3.67	7.31	636	3.89	2.65	1.22	1.87	.29	.31	.41	.34
				57.87	293.55	175.88	21.99	165.78	264.93	192.16	192.25
258	2.28	8.34	636	5.73	1.97	1.76	1.58	.45	.16	.51	.25
				58.88	285.24	213.56	14.88	158.39	216.94	195.39	282.39
259	.61	12.39	636	8.34	.97	2.99	2.18	.61	.31	.48	.27
				45.22	255.74	234.99	19.82	168.16	289.85	222.69	214.81
268	-2.28	19.75	636	12.98	1.18	3.86	3.85	3.12	1.88	1.44	.94
				41.86	163.86	251.39	81.49	281.67	257.55	291.52	345.63
261	-6.14	29.95	637	18.54	2.41	6.88	7.83	4.78	2.71	2.68	AMP
				38.59	222.98	268.89	169.55	257.66	319.37	346.64	29.59
262	4.33	6.15	641	2.84	3.81	1.44	.72	.46	.13	.19	.15
				91.88	388.18	141.73	346.55	213.56	352.72	128.88	12.63
263	3.69	7.15	648	2.74	3.53	1.68	.52	.58	.18	.24	.16
				83.72	313.38	168.18	13.17	241.93	284.68	184.37	15.73
264	2.89	8.18	648	3.78	3.65	1.72	.99	.29	.13	.38	.14
				73.93	312.18	193.56	9.26	137.95	251.13	117.54	28.31
265	1.82	9.96	648	5.16	3.53	2.33	1.66	.94	.21	.22	.87
				62.39	386.82	217.11	8.71	132.96	281.79	122.94	16.88
266	-.84	13.88	648	8.18	2.87	4.28	2.78	1.49	.37	.12	.85
				51.73	299.18	239.71	14.27	138.83	228.73	117.24	164.58
267	-1.92	19.78	648	11.54	.83	4.19	3.57	3.48	1.38	.82	.73
				42.83	292.68	248.18	58.58	153.48	287.28	233.41	277.49
268	-3.98	26.15	648	14.86	.65	5.13	3.12	5.56	3.17	2.82	1.88
				48.71	232.89	246.11	93.47	197.82	268.13	297.38	328.32
269	3.81	5.98	648	2.81	3.16	1.32	.61	.44	.13	.16	.89
				98.13	314.73	171.85	18.58	232.56	389.86	148.66	68.84
278	3.28	7.12	648	2.64	3.57	1.67	.68	.51	.87	.14	.11
				79.93	313.93	183.94	38.87	254.89	388.85	129.91	38.81
271	2.56	8.85	648	3.43	3.72	2.86	.75	.13	.13	.17	.16
				78.96	312.16	196.46	14.98	217.32	119.54	135.47	48.63
272	1.88	9.58	648	4.44	4.88	2.68	1.34	.43	.48	.28	.28
				64.62	318.71	211.88	6.66	118.96	136.29	165.93	53.88
273	.86	11.51	648	6.31	3.64	3.76	2.28	1.22	.82	.16	.22
				53.35	382.38	222.38	354.12	184.59	141.89	158.11	68.85
274	-.96	17.43	639	18.89	2.21	4.45	3.78	3.78	1.73	.71	.47
				44.82	313.35	239.16	33.79	129.81	169.79	223.69	238.42

TABLE VI.- Continued

(d) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO		36										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	28.88	38.64	636	15.46	15.94	8.43	2.34	2.65	.72	.37	.28	AMP
				141.33	338.83	78.52	26.98	67.63	344.78	265.88	222.83	PHASE
256	31.25	29.71	636	16.89	15.39	7.56	2.81	2.88	.56	.49	.27	AMP
				139.53	337.45	73.44	38.26	49.28	328.42	241.88	217.97	PHASE
257	33.71	27.87	636	16.38	13.96	6.94	1.56	2.61	.47	.43	.17	AMP
				137.54	335.38	67.72	54.22	37.33	291.87	234.55	248.83	PHASE
258	36.81	27.59	636	16.63	13.41	6.63	1.77	2.33	.52	.52	1.18	AMP
				134.46	333.59	67.49	74.88	24.94	259.88	232.15	233.75	PHASE
259	38.84	28.21	636	16.75	13.49	6.48	1.56	2.16	.74	.54	.13	AMP
				132.21	335.88	69.51	98.89	1.28	248.49	248.39	18.29	PHASE
268	39.72	38.18	636	16.84	14.83	6.77	1.51	2.93	1.14	.19	.46	AMP
				129.75	339.66	66.11	37.58	321.87	262.62	253.26	64.53	PHASE
261	48.97	35.43	637	17.39	18.41	6.59	3.15	4.96	.86	.39	.57	AMP
				122.59	335.71	68.73	44.95	332.28	384.46	184.78	93.93	PHASE
262	38.66	29.53	641	13.69	16.29	8.45	3.82	1.82	.49	.34	.38	AMP
				138.32	338.11	78.66	18.84	54.18	318.62	267.17	179.95	PHASE
263	33.24	38.51	648	14.26	16.39	8.44	2.65	2.14	.39	.36	.36	AMP
				148.87	343.43	82.98	17.21	65.38	325.52	265.27	288.79	PHASE
264	35.51	29.35	648	14.83	15.83	8.21	2.39	2.14	.17	.22	.26	AMP
				139.24	342.79	82.11	23.81	78.45	333.75	288.24	283.68	PHASE
265	38.81	29.47	648	15.17	15.24	8.83	1.83	1.85	.25	.24	.24	AMP
				135.81	337.83	73.78	24.83	68.35	226.87	244.38	188.57	PHASE
266	48.28	28.77	648	15.29	14.66	7.96	1.14	1.27	.58	.38	.18	AMP
				138.43	348.45	82.14	46.31	65.36	229.97	262.38	196.83	PHASE
267	42.34	28.64	648	15.35	14.85	7.27	1.88	.85	1.88	.45	.89	AMP
				123.24	334.65	64.86	344.82	289.17	234.42	285.92	337.83	PHASE
268	43.11	38.31	648	15.32	15.77	7.78	3.15	1.93	.94	.18	.33	AMP
				122.87	336.18	69.89	18.58	318.89	266.98	332.62	188.88	PHASE
269	32.68	25.82	648	11.81	14.88	7.87	2.75	1.95	.38	.36	.32	AMP
				138.18	342.28	76.15	.98	41.81	298.81	278.12	192.28	PHASE
278	35.11	25.71	648	12.22	14.84	7.96	2.81	2.24	.12	.26	.25	AMP
				138.66	342.68	75.13	356.64	39.33	297.99	261.78	188.46	PHASE
271	37.65	25.63	648	12.74	13.99	7.84	2.51	2.22	.18	.19	.15	AMP
				138.89	348.94	78.88	352.99	36.49	226.68	274.78	171.42	PHASE
272	48.18	25.93	648	13.32	14.35	7.98	2.22	1.97	.38	.22	.18	AMP
				136.47	339.87	66.69	352.72	36.42	221.33	292.75	112.25	PHASE
273	42.77	25.74	648	13.81	14.37	7.27	1.66	1.63	.52	.31	.12	AMP
				138.63	334.47	63.37	348.61	11.87	288.48	276.55	88.71	PHASE
274	45.88	25.11	639	13.92	14.19	6.84	2.38	.94	.89	.58	.15	AMP
				125.68	338.87	62.85	386.83	283.46	228.37	293.59	21.94	PHASE

CHORDWISE 37 PERCENT RADIUS												
RUN NO		36										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	34.28	52.85	636	15.12	9.41	4.37	8.18	11.72	15.91	3.84	.78	AMP
				288.68	152.29	388.19	139.58	286.48	281.98	131.65	41.43	PHASE
256	32.14	68.85	636	22.33	15.82	9.72	7.62	15.53	18.95	4.88	.72	AMP
				298.84	163.89	387.25	126.91	264.93	214.68	119.48	58.15	PHASE
257	29.81	67.41	636	31.92	18.23	12.36	8.63	17.98	7.95	3.88	1.18	AMP
				316.65	169.28	294.46	188.31	276.59	232.63	128.51	31.73	PHASE
258	27.36	79.88	636	44.91	28.46	16.87	18.96	16.29	5.87	2.37	2.28	AMP
				329.41	173.51	292.54	84.54	292.55	223.62	158.92	34.31	PHASE
259	25.19	86.28	636	57.13	23.71	21.98	14.48	18.55	6.54	3.58	2.68	AMP
				339.56	181.86	291.48	73.84	316.97	29.18	269.88	41.85	PHASE
268	25.84	183.89	636	68.39	29.85	31.86	18.83	3.67	28.58	3.27	2.79	AMP
				352.52	194.25	299.57	68.61	61.38	91.35	296.33	36.45	PHASE
261	28.89	147.84	637	76.65	43.99	38.13	19.13	23.63	57.98	8.51	7.15	AMP
				5.68	288.88	381.96	99.22	185.94	169.59	287.83	26.21	PHASE
262	31.97	45.15	641	9.38	18.95	4.48	2.59	9.82	14.88	.27	1.27	AMP
				279.86	158.89	313.89	155.26	278.94	152.98	313.41	68.49	PHASE
263	31.83	54.65	648	16.25	15.47	9.58	2.97	8.48	18.48	.61	.78	AMP
				387.67	171.61	338.28	158.42	261.24	138.13	21.61	85.16	PHASE
264	38.98	65.53	648	26.18	28.35	13.25	5.43	18.98	21.53	2.54	.84	AMP
				327.26	183.76	322.48	186.27	261.27	153.58	63.35	121.85	PHASE
265	29.94	79.88	648	39.28	24.61	17.84	8.64	14.15	21.83	1.81	.37	AMP
				336.86	187.18	383.59	93.18	253.49	171.96	188.14	168.38	PHASE
266	28.12	97.38	648	55.63	29.69	25.55	11.75	12.65	14.15	3.25	.91	AMP
				345.88	196.38	388.82	85.28	253.15	197.25	211.48	279.19	PHASE
267	28.88	112.92	648	59.36	24.18	33.29	13.27	34.39	4.69	3.79	1.44	AMP
				348.56	198.48	286.94	53.85	194.85	85.43	257.87	281.91	PHASE
268	31.98	146.12	648	76.68	39.96	38.42	16.47	18.38	34.71	3.45	1.34	AMP
				359.59	283.98	295.44	71.52	171.27	111.11	115.94	289.78	PHASE
269	38.89	48.29	648	5.58	11.99	5.89	2.18	8.83	15.81	2.13	1.68	AMP
				286.88	174.83	324.52	289.94	262.68	167.42	259.84	66.68	PHASE
278	32.16	49.68	648	12.12	16.19	9.21	1.18	8.55	22.87	1.88	1.84	AMP
				318.44	178.55	326.93	219.69	231.69	135.58	312.88	92.82	PHASE
271	32.78	61.78	648	24.83	28.62	11.31	2.82	8.37	26.71	2.97	.98	AMP
				337.38	188.38	387.27	68.84	217.37	152.59	47.44	128.78	PHASE
272	33.47	87.89	648	39.86	24.65	15.89	5.99	18.83	27.98	2.62	.91	AMP
				344.48	195.84	292.31	62.82	282.92	175.58	71.85	136.21	PHASE
273	33.88	109.63	648	57.24	29.89	22.88	8.62	14.19	23.22	1.27	1.89	AMP
				346.24	197.33	277.92	58.51	179.77	178.87	118.94	167.66	PHASE
274	34.53	122.28	639	77.31	35.38	31.37	9.38	16.21	3.32	2.84	1.64	AMP
				353.12	287.95	277.56	38.86	154.71	299.72	277.78	233.97	PHASE

TABLE VI.- Continued

(d) Continued

TORSION 36 PERCENT RADIUS												
RUN NO		36										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	4.36	6.39	636	2.89 45.49	2.58 268.48	1.67 128.17	1.77 334.58	.88 213.26	.28 283.71	.11 114.11	.88 83.58	AMP PHASE
256	3.58	6.29	636	2.87 44.28	2.39 272.38	1.42 135.16	.72 346.28	.48 282.73	.12 227.55	.86 171.43	.13 123.21	AMP PHASE
257	2.52	6.15	636	3.85 48.57	1.97 273.42	1.32 156.88	1.78 343.96	.23 161.26	.21 166.79	.13 131.68	.17 137.98	AMP PHASE
258	1.32	7.29	636	5.39 36.45	1.58 267.16	1.81 183.31	1.22 332.18	.35 138.94	.25 124.28	.21 148.74	.15 158.46	AMP PHASE
259	-1.13	11.86	636	7.59 34.82	.72 233.87	2.74 283.57	1.75 339.37	.54 122.78	.33 148.86	.22 189.61	.16 164.85	AMP PHASE
260	-2.62	17.16	636	11.48 38.88	1.85 139.89	2.74 215.28	2.29 51.24	2.68 159.89	1.48 211.78	1.84 253.24	.66 286.95	AMP PHASE
261	-5.88	25.84	637	16.46 28.84	1.75 196.89	5.23 237.92	.52 284.46	5.65 218.88	4.85 277.38	2.16 384.45	1.66 329.63	AMP PHASE
262	3.63	4.91	641	1.95 59.13	2.18 288.36	1.25 131.28	.46 315.57	.48 192.68	.82 41.44	.13 36.81	.18 326.28	AMP PHASE
263	2.97	5.92	648	2.74 56.67	2.64 294.36	1.48 147.75	.28 358.18	.55 216.58	.12 195.18	.23 14.41	.88 386.33	AMP PHASE
264	2.16	6.87	648	3.74 52.14	2.78 293.85	1.76 174.53	.78 332.89	.86 181.48	.15 147.71	.26 33.44	.88 292.66	AMP PHASE
265	1.14	8.41	648	5.18 45.97	2.66 287.45	2.31 191.58	1.38 335.73	.56 92.82	.23 124.69	.12 26.72	.84 273.36	AMP PHASE
266	-1.53	12.53	648	7.78 39.78	1.47 274.93	3.82 213.62	2.22 343.59	1.89 98.18	.27 165.88	.18 354.13	.85 125.93	AMP PHASE
267	-2.38	17.64	648	18.74 32.37	.41 253.35	3.62 218.42	2.95 24.91	2.88 115.11	1.87 157.94	.64 198.76	.48 222.61	AMP PHASE
268	-4.12	22.93	648	13.61 38.58	.54 178.86	4.39 216.36	2.51 78.35	4.58 168.36	2.47 215.86	1.67 253.33	1.28 274.41	AMP PHASE
269	3.13	5.21	648	2.85 56.37	2.39 297.76	1.33 168.26	.38 283.87	.47 229.86	.86 44.38	.86 18.81	.85 325.56	AMP PHASE
270	2.48	6.31	648	2.74 53.81	2.75 297.89	1.69 167.64	.37 24.43	.57 219.76	.83 134.78	.18 14.76	.89 325.56	AMP PHASE
271	1.88	7.18	648	3.53 48.99	2.91 295.48	2.89 174.78	.47 347.48	.21 224.58	.16 76.29	.87 39.49	.18 348.38	AMP PHASE
272	1.89	8.46	648	4.58 45.76	3.15 294.37	2.55 184.94	.99 329.63	.28 66.69	.42 84.48	.88 133.18	.14 352.96	AMP PHASE
273	.12	18.88	648	6.17 39.61	2.88 284.57	3.38 194.88	1.84 324.88	.92 62.73	.67 88.62	.89 166.42	.17 351.52	AMP PHASE
274	-1.66	15.82	639	9.53 33.72	1.57 291.79	3.69 211.97	3.27 8.59	2.78 98.97	1.32 122.63	.59 182.79	.28 194.97	AMP PHASE

TABLE VI.- Continued

(d) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	15.55	38.77	636	19.31	28.37	9.55	1.83	.79	1.24	2.55	.34 AMP
256	18.88	37.85	636	137.38	335.24	62.87	348.62	271.87	138.68	47.38	244.87 PHASE
257	28.83	35.11	636	28.32	17.43	8.56	1.83	.48	1.18	2.47	.18 AMP
258	23.46	34.69	636	135.12	333.98	56.24	337.99	288.99	112.79	42.59	51.56 PHASE
259	26.88	34.95	636	133.76	338.29	49.62	338.97	23.28	1.27	2.84	.58 AMP
260	28.23	38.45	636	21.11	16.66	8.58	.55	.28	1.13	1.59	19.77 PHASE
261	29.57	44.58	637	131.88	326.86	48.33	319.85	44.88	85.86	39.78	.61 AMP
262	17.91	36.87	641	138.86	326.56	51.84	253.47	51.47	76.42	52.77	5.37 PHASE
263	28.49	37.37	648	22.82	18.82	9.76	.88	1.55	2.88	3.94	1.31 AMP
264	22.99	37.28	648	138.47	333.73	52.84	298.54	48.88	98.48	85.14	3.41 PHASE
265	25.79	36.93	648	22.98	24.32	18.26	.23	2.34	3.92	1.53	2.29 AMP
266	28.58	37.61	648	127.52	333.18	61.42	291.58	78.55	148.54	138.62	21.87 PHASE
267	31.18	37.31	648	18.14	28.56	9.24	1.33	1.81	1.55	1.59	2.36 AMP
268	32.11	39.79	648	133.21	334.85	63.83	335.88	281.54	147.74	5.56	228.33 PHASE
269	21.13	31.22	648	18.87	28.38	9.43	1.32	.93	1.51	1.83	.46 AMP
270	23.68	31.25	648	135.79	339.25	66.44	338.43	388.86	149.88	23.68	242.83 PHASE
271	26.26	31.43	648	19.61	19.66	9.98	1.15	1.87	.38	1.75	.44 AMP
272	28.94	32.31	648	134.89	337.88	64.87	326.35	385.26	148.25	27.58	257.85 PHASE
273	31.89	33.11	648	28.21	16.78	18.48	1.17	1.17	.28	1.53	.31 AMP
274	34.81	33.35	639	131.43	331.51	55.84	297.81	387.64	117.74	13.88	288.77 PHASE
				16.18	17.95	18.54	.87	1.38	.48	1.14	.22 AMP
				129.38	332.43	62.35	253.92	2.19	1.47	2.18	276.95 PHASE
				21.24	18.39	18.33	1.65	316.19	84.93	8.61	1.13 AMP
				124.98	327.55	47.76	264.58	331.61	66.28	5.78	388.92 PHASE
				21.15	28.16	11.19	1.32	2.55	2.86	1.48	.99 AMP
				126.58	331.84	58.27	291.84	9.34	111.55	72.29	355.54 PHASE
				15.74	17.49	8.94	1.16	.73	.72	.85	.23 AMP
				133.64	338.85	62.57	321.12	286.85	163.56	6.88	185.47 PHASE
				16.18	17.38	9.43	1.19	.66	.59	.75	.31 AMP
				133.92	338.52	61.89	328.19	291.82	159.25	15.23	198.42 PHASE
				16.76	17.85	9.97	1.86	.88	1.44	.77	.17 AMP
				133.51	335.96	55.83	388.89	282.98	142.11	351.48	317.28 PHASE
				17.63	17.28	18.64	.89	1.86	.38	1.85	.33 AMP
				132.81	334.81	51.59	278.62	285.34	169.12	334.28	349.59 PHASE
				18.44	17.81	18.63	.75	1.27	.19	1.89	.43 AMP
				128.65	327.29	44.86	217.55	279.57	196.14	312.47	349.52 PHASE
				18.76	17.84	18.17	1.46	1.94	.74	1.55	.86 AMP
				127.93	329.93	44.16	238.76	384.83	27.88	354.35	358.77 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
285	47.83	54.73	636	14.81	7.23	3.66	8.88	13.42	18.82	4.88	.58 AMP
286	45.89	54.63	636	284.17	154.19	.36	147.87	287.85	284.44	132.55	54.13 PHASE
287	43.38	62.89	636	19.96	11.88	8.83	7.65	17.24	12.57	5.88	.76 AMP
288	41.54	78.65	636	298.27	165.66	331.67	132.13	266.71	219.49	121.67	115.45 PHASE
289	39.86	86.22	636	27.83	14.73	9.93	8.83	19.69	8.93	4.45	.75 AMP
290	37.33	187.96	636	314.39	171.85	314.18	183.59	276.81	239.77	124.46	48.69 PHASE
291	39.15	158.93	637	38.43	16.71	13.51	11.28	17.55	5.13	4.86	2.35 AMP
292	45.13	46.94	641	326.47	173.67	388.28	86.76	293.28	229.37	158.72	48.72 PHASE
293	44.98	55.87	648	49.55	28.93	28.34	15.73	18.95	9.84	3.95	3.82 AMP
294	44.84	65.74	648	337.73	179.23	383.83	73.78	328.62	33.36	253.56	48.16 PHASE
295	42.81	74.71	648	59.13	29.46	32.27	22.36	4.44	26.24	3.34	4.22 AMP
296	39.92	89.11	648	352.52	192.72	311.39	78.66	65.25	92.99	274.67	34.26 PHASE
297	39.22	189.91	648	64.58	45.23	48.55	22.92	26.56	78.83	13.69	9.38 AMP
298	41.89	158.78	648	8.67	199.75	316.46	185.11	189.78	172.26	211.79	34.91 PHASE
299	43.84	111.82	648	9.38	8.59	4.59	2.41	11.46	16.69	.48	1.89 AMP
300	44.57	86.11	648	286.91	162.67	8.34	169.29	282.15	155.68	248.83	66.73 PHASE
301	44.99	65.23	648	15.27	12.87	9.33	2.91	9.56	21.99	1.48	1.85 AMP
302	45.87	79.46	648	387.48	176.22	14.45	173.31	264.58	138.53	98.18	89.81 PHASE
303	44.62	95.24	648	23.89	16.88	12.49	4.89	12.46	25.83	3.45	1.76 AMP
304	43.91	113.28	639	324.39	188.72	347.88	111.87	261.46	154.49	74.92	184.58 PHASE
				33.62	19.78	16.16	8.52	16.14	25.13	2.82	1.28 AMP
				332.57	191.29	324.52	95.43	252.23	174.46	116.88	186.88 PHASE
				48.22	25.67	24.16	13.86	14.99	16.91	4.87	.48 AMP
				344.36	196.78	315.38	88.62	249.53	281.61	213.51	341.53 PHASE
				59.64	32.85	33.68	16.82	11.49	5.92	4.68	1.35 AMP
				348.68	197.93	381.53	58.61	194.84	88.31	253.87	388.87 PHASE
				64.58	39.86	39.64	28.48	21.75	42.83	5.47	1.48 AMP
				.89	283.11	318.53	77.87	172.69	115.37	126.78	292.91 PHASE
				5.63	9.88	6.42	2.29	9.16	18.19	3.28	2.36 AMP
				295.81	179.98	4.32	226.27	264.82	168.22	256.75	63.72 PHASE
				11.32	13.23	9.74	1.61	9.56	26.86	1.29	1.43 AMP
				319.23	184.78	355.34	241.86	232.93	137.12	387.56	79.39 PHASE
				28.74	16.78	18.86	2.37	9.52	32.83	4.88	1.58 AMP
				334.81	193.16	335.32	68.92	216.96	154.61	57.43	182.15 PHASE
				32.56	19.83	14.24	6.18	12.47	34.78	3.48	1.87 AMP
				341.39	199.29	317.89	64.82	282.82	178.34	79.63	183.64 PHASE
				47.35	23.68	19.89	9.47	16.54	29.34	1.61	1.18 AMP
				343.38	288.58	297.13	53.13	179.53	182.48	124.83	123.28 PHASE
				63.62	31.81	31.38	12.34	18.81	3.97	3.63	1.48 AMP
				362.38	288.43	293.58	37.18	156.16	289.25	279.84	249.57 PHASE

TABLE VI.- Continued

(d) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	.64	4.65	636	2.82	1.94	1.16	.52	.19	.86	.19	.83
				65.94	286.18	141.76	18.71	289.65	219.89	59.93	167.48
256	.19	4.73	636	2.52	2.82	.99	.49	.37	.14	.14	.87
				63.76	298.16	142.67	33.61	254.81	182.82	9.76	138.46
257	-.33	4.83	636	3.88	1.97	.93	.43	.88	.27	.18	.13
				68.23	294.18	155.81	29.14	248.23	178.15	29.26	162.89
258	-.95	5.62	636	3.73	1.87	1.22	.66	.15	.35	.81	.14
				54.74	297.66	178.81	358.16	186.26	148.25	328.83	179.87
259	-1.77	6.51	636	4.89	1.48	1.81	.99	.35	.42	.88	.19
				49.54	385.17	199.88	345.99	116.35	158.36	385.95	181.54
268	-3.69	11.11	636	7.61	.88	2.27	1.86	2.81	1.36	.84	.37
				39.93	15.97	281.18	74.28	188.61	243.28	318.88	331.82
261	-6.95	18.89	637	11.66	.52	3.72	.88	4.29	3.87	1.98	1.89
				33.94	317.83	238.78	272.74	247.21	318.18	6.79	356.98
262	-.47	3.99	641	2.83	1.81	.88	.24	.42	.89	.28	.85
				74.75	385.17	145.65	3.66	238.27	92.69	25.37	53.87
263	-.87	4.92	648	2.59	2.28	1.85	.22	.49	.89	.33	.82
				78.56	389.84	168.79	52.39	261.77	197.81	29.49	112.98
264	-1.29	5.72	648	3.17	2.46	1.28	.35	.26	.22	.29	.84
				66.34	318.41	188.28	18.22	336.86	145.85	39.77	258.31
265	-1.81	6.91	648	3.96	2.63	1.61	.74	.37	.48	.22	.84
				59.83	387.26	191.29	357.75	68.32	134.53	358.14	347.75
266	-2.71	8.81	648	5.38	2.12	2.35	1.28	.78	.51	.32	.15
				53.67	389.81	213.95	357.68	86.28	152.88	348.15	69.22
267	-4.18	11.79	648	7.54	1.31	2.28	1.72	1.87	1.82	.69	.18
				42.46	323.18	285.83	51.71	134.12	182.14	278.88	297.23
268	-5.72	15.87	648	9.88	.84	3.83	1.48	3.13	2.21	1.71	.68
				37.92	339.88	215.88	182.96	198.11	252.42	312.22	325.83
269	-.69	4.36	648	2.12	1.99	.93	.32	.41	.83	.16	.85
				78.12	313.83	173.32	49.98	244.37	138.84	15.97	76.97
278	-1.88	5.34	648	2.64	2.29	1.19	.39	.58	.85	.18	.82
				65.16	311.13	188.36	67.61	261.89	113.14	8.78	56.88
271	-1.52	6.28	648	3.26	2.47	1.47	.36	.27	.28	.13	.85
				68.62	388.22	186.27	39.91	289.22	92.55	3.15	315.59
272	-1.97	7.85	648	3.96	2.69	1.75	.68	.19	.43	.86	.12
				57.22	386.86	194.88	5.25	19.86	188.64	341.71	333.46
273	-2.46	8.16	648	4.87	2.77	2.11	1.89	.66	.66	.13	.28
				51.73	388.85	281.75	358.24	62.91	182.95	258.48	344.75
274	-3.68	18.66	639	6.93	2.88	2.89	2.12	1.97	1.18	.61	.21
				44.24	311.83	212.97	38.71	111.55	151.15	241.43	293.27

TABLE VI.- Continued

(d) Continued

FLAPWISE 77 PERCENT RADIUS

RUN NO 36

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	-2.13	37.67	636	19.75	17.43	6.49	4.84	4.46	.38	2.98	.29	AMP
				148.48	333.57	38.62	218.79	238.85	45.35	224.74	131.23	PHASE
256	.73	37.49	636	28.31	16.75	5.87	3.35	4.95	.25	2.66	.65	AMP
				139.58	331.55	29.43	215.72	219.31	72.73	228.18	283.65	PHASE
257	4.85	36.21	636	28.27	15.18	5.26	2.41	4.64	.18	2.18	1.38	AMP
				139.88	326.15	32.27	231.85	215.48	92.52	211.48	195.88	PHASE
258	6.99	35.51	636	21.88	14.57	5.82	2.26	3.77	.39	1.52	1.47	AMP
				138.58	324.82	37.82	243.45	218.41	76.18	198.87	185.57	PHASE
259	9.95	36.18	636	21.68	14.48	5.13	1.83	2.63	.66	2.19	2.42	AMP
				138.51	323.16	48.83	278.87	189.88	72.11	216.26	188.39	PHASE
260	11.95	38.28	636	22.98	15.75	5.64	.75	3.98	.73	4.87	3.78	AMP
				139.39	338.18	44.13	385.25	127.55	113.11	256.13	284.82	PHASE
261	12.15	47.51	637	22.61	22.57	7.19	.94	8.92	.26	2.25	3.64	AMP
				138.97	327.92	38.33	122.89	144.81	49.27	328.44	288.53	PHASE
262	-.41	36.55	641	19.71	18.18	6.81	3.48	2.84	.63	1.92	.58	AMP
				136.76	335.88	33.93	184.72	222.85	33.61	183.98	69.59	PHASE
263	2.21	37.93	648	28.36	18.85	6.85	2.93	3.58	.69	2.84	.41	AMP
				148.62	338.75	42.51	197.61	238.89	66.61	195.21	94.22	PHASE
264	5.18	38.26	648	21.18	17.45	6.37	2.77	4.28	.53	1.89	.43	AMP
				148.99	337.71	45.82	212.25	247.53	63.25	195.14	117.18	PHASE
265	8.28	39.31	648	21.73	17.88	6.83	2.18	4.27	.63	1.52	.59	AMP
				139.16	338.66	43.38	227.87	245.96	54.86	172.31	141.88	PHASE
266	11.52	39.32	648	22.78	16.58	7.12	1.63	3.41	.92	1.13	.59	AMP
				138.83	329.75	53.91	265.12	254.75	56.88	155.87	178.28	PHASE
267	14.11	39.84	648	23.83	16.78	6.99	.25	1.87	1.21	1.98	1.98	AMP
				134.65	324.58	43.41	266.81	185.69	57.34	172.27	148.87	PHASE
268	14.57	42.62	648	23.75	18.59	7.81	.26	3.25	1.17	1.16	.21	AMP
				137.34	327.44	49.44	181.54	151.44	57.48	258.83	166.37	PHASE
269	2.42	32.63	648	17.67	15.98	5.59	3.81	3.59	.76	.89	.27	AMP
				137.46	338.21	36.41	176.73	212.45	45.67	188.67	355.24	PHASE
270	5.86	33.98	648	18.85	15.74	6.11	2.77	4.88	.59	.88	.21	AMP
				138.81	337.78	37.88	173.92	213.87	59.19	188.11	357.38	PHASE
271	7.91	34.13	648	18.63	15.41	6.81	2.26	4.27	.42	.91	.26	AMP
				139.38	334.54	34.88	173.99	214.97	61.59	162.54	178.25	PHASE
272	18.96	35.87	648	19.53	15.73	7.54	1.69	4.84	.66	1.22	.56	AMP
				139.31	331.35	34.29	176.68	216.63	59.67	146.43	173.87	PHASE
273	14.23	37.32	648	28.61	15.82	3.89	.98	3.31	1.88	1.28	.88	AMP
				136.24	323.83	33.28	163.11	198.24	45.81	122.83	166.91	PHASE
274	17.88	36.55	639	28.98	16.33	8.61	1.43	1.21	1.44	1.61	1.31	AMP
				136.58	326.56	37.73	78.95	131.87	65.98	163.17	175.18	PHASE

CHORDWISE 77 PERCENT RADIUS

RUN NO 36

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	61.64	33.13	636	8.95	18.68	6.38	4.71	7.76	7.18	2.74	.52	AMP
				151.29	328.81	35.87	181.27	259.51	196.17	173.78	123.11	PHASE
256	62.74	29.76	636	7.42	9.13	6.59	3.74	9.78	4.67	2.92	1.18	AMP
				153.72	321.87	19.92	178.53	243.81	214.92	149.92	164.99	PHASE
257	65.87	29.98	636	4.61	7.71	6.14	2.55	9.69	3.37	2.68	1.38	AMP
				154.32	318.67	11.91	135.38	258.58	239.89	147.63	168.58	PHASE
258	67.35	24.55	636	1.76	7.17	6.41	2.74	7.48	1.57	2.97	1.29	AMP
				148.48	385.12	3.74	182.87	761.42	231.63	155.68	138.85	PHASE
259	78.18	26.16	636	2.34	8.62	6.99	4.31	2.63	4.41	2.88	1.67	AMP
				26.32	295.94	358.24	68.91	287.18	32.16	214.73	149.47	PHASE
260	72.33	47.35	636	6.28	6.71	11.19	7.85	5.32	11.48	4.19	1.72	AMP
				36.81	279.41	337.58	68.58	188.94	88.45	247.88	288.55	PHASE
261	73.36	71.78	637	13.48	18.74	14.74	8.38	16.48	28.83	5.58	1.52	AMP
				55.88	254.75	336.19	186.55	178.13	167.28	222.85	21.34	PHASE
262	63.13	31.48	641	9.27	18.61	6.75	3.44	5.94	6.34	1.86	1.39	AMP
				141.83	328.86	35.97	187.71	258.53	146.26	183.51	61.28	PHASE
263	64.18	32.58	648	7.85	9.92	7.96	3.36	6.28	8.82	1.89	.96	AMP
				145.81	328.39	33.63	191.26	248.48	126.93	175.13	87.32	PHASE
264	65.95	35.71	648	5.72	9.35	8.75	2.54	7.78	18.11	1.66	1.63	AMP
				148.88	318.61	26.24	178.23	248.84	144.38	127.16	98.28	PHASE
265	68.68	33.85	648	3.18	9.38	9.28	2.45	9.23	9.66	2.82	1.78	AMP
				119.95	384.14	18.94	127.79	248.86	166.67	133.83	184.73	PHASE
266	71.38	37.98	648	3.56	9.17	9.78	3.64	7.95	6.56	2.33	1.16	AMP
				45.37	294.31	1.45	98.75	239.65	195.16	192.85	114.89	PHASE
267	73.81	38.58	648	6.38	18.88	12.55	6.26	5.43	2.86	1.75	.88	AMP
				31.97	274.68	33.25	58.91	168.38	98.81	215.65	138.58	PHASE
268	75.32	61.41	648	18.37	18.53	14.55	8.26	12.77	16.84	1.65	1.65	AMP
				44.41	263.74	338.84	77.39	158.92	112.11	143.81	197.23	PHASE
269	64.87	28.82	648	8.43	8.67	6.95	2.88	5.71	7.11	1.91	1.38	AMP
				137.68	326.88	32.99	197.11	237.51	158.32	228.82	45.38	PHASE
270	65.72	32.34	648	6.85	8.82	8.18	2.49	6.58	18.82	.74	.91	AMP
				137.84	321.25	26.17	191.99	217.69	127.42	197.19	55.87	PHASE
271	67.65	36.18	648	4.69	7.86	8.73	1.78	7.88	13.18	1.75	1.88	AMP
				125.86	389.82	17.34	148.61	287.72	146.82	88.23	93.41	PHASE
272	78.28	48.74	648	2.97	3.65	9.34	2.18	7.97	14.82	7.91	1.43	AMP
				89.41	388.62	6.42	181.42	199.56	178.38	181.62	188.26	PHASE
273	73.29	39.79	648	3.99	9.68	9.86	3.46	8.99	12.11	1.32	1.16	AMP
				26.94	288.55	349.83	68.82	175.85	173.88	125.11	183.11	PHASE
274	76.48	37.11	639	7.85	11.87	12.68	6.48	8.61	5.58	1.98	1.22	AMP
				18.64	274.57	338.82	36.28	137.21	198.86	231.91	183.14	PHASE

TABLE VI.- Continued

(d) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	-2.81	3.49	636	1.93	.46	.61	.46	.36	.28	.39	.22	AMP
				138.12	282.82	283.59	74.85	332.65	285.19	58.78	344.78	PHASE
256	-3.08	3.45	636	2.85	.55	.55	.43	.31	.24	.33	.38	AMP
				115.31	287.22	287.72	75.94	319.36	184.99	28.97	352.49	PHASE
257	-3.21	3.68	636	2.24	.67	.61	.36	.28	.26	.33	.24	AMP
				182.48	298.29	288.85	86.41	348.74	168.79	24.77	358.69	PHASE
258	-3.35	3.59	636	2.56	.84	.72	.17	.22	.21	.27	.16	AMP
				98.78	291.19	285.98	87.53	358.38	149.36	25.18	358.68	PHASE
259	-3.52	4.26	636	3.84	.93	.93	.11	.87	.18	.27	.16	AMP
				83.28	381.79	284.82	191.47	328.83	148.37	24.81	33.61	PHASE
268	-4.13	7.66	636	3.58	1.35	1.48	.86	.86	.71	.66	.42	AMP
				65.85	354.76	165.53	159.33	197.96	244.98	18.58	98.58	PHASE
261	-5.38	18.28	637	4.49	2.42	2.85	1.14	1.68	2.81	1.57	.69	AMP
				48.41	358.82	196.85	264.96	271.58	321.16	58.55	285.91	PHASE
262	-3.29	3.79	641	2.26	.54	.63	.42	.25	.11	.25	.83	AMP
				128.71	314.54	286.82	78.94	287.45	186.75	7.97	382.76	PHASE
263	-3.46	3.99	648	2.34	.75	.68	.44	.28	.15	.34	.82	AMP
				116.38	318.86	212.78	94.73	384.96	213.52	5.64	188.33	PHASE
264	-3.62	4.83	648	2.56	.95	.88	.35	.47	.17	.33	.89	AMP
				184.85	386.42	212.26	98.99	347.55	166.88	17.77	247.88	PHASE
265	-3.79	4.38	648	2.92	1.14	1.85	.29	.54	.25	.27	.89	AMP
				91.76	381.68	284.61	78.28	7.58	133.86	2.86	298.97	PHASE
266	-3.93	4.96	648	3.42	1.26	1.25	.15	.65	.35	.38	.19	AMP
				84.89	388.11	288.81	25.87	34.33	142.58	351.49	38.28	PHASE
267	-4.29	6.82	648	3.89	1.43	1.41	.65	.68	.59	.61	.38	AMP
				69.51	335.15	168.14	96.14	118.85	191.21	325.82	44.88	PHASE
268	-4.93	9.78	648	4.86	2.88	1.91	.61	.34	1.88	.56	.88	AMP
				57.89	349.84	176.74	162.56	281.27	259.77	358.84	96.88	PHASE
269	-3.45	3.75	648	2.34	.73	.73	.37	.22	.18	.22	.84	AMP
				126.88	329.77	215.81	81.92	284.17	194.86	8.19	278.73	PHASE
278	-3.68	3.96	648	2.48	.91	.87	.48	.29	.85	.22	.87	AMP
				113.42	316.62	212.58	87.73	292.89	185.55	351.75	235.13	PHASE
271	-3.77	4.84	648	2.63	1.85	1.82	.34	.37	.86	.21	.17	AMP
				188.22	387.43	286.98	88.51	324.76	83.86	358.66	254.18	PHASE
272	-3.94	4.58	648	3.82	1.22	1.16	.23	.47	.21	.15	.24	AMP
				89.88	383.46	283.85	75.41	349.91	69.65	357.88	274.58	PHASE
273	-4.84	5.86	648	3.54	1.37	1.38	.17	.64	.39	.87	.27	AMP
				78.66	297.87	198.67	7.52	6.98	67.91	298.42	286.66	PHASE
274	-4.29	5.81	639	4.11	1.56	1.35	.54	.79	.48	.38	.33	AMP
				66.97	338.11	171.78	71.99	81.84	147.88	278.74	8.98	PHASE

PITCH LINK												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	-3.84	9.76	636	3.18	3.88	1.56	1.84	.43	.56	.74	.37	AMP
				247.55	181.52	291.86	182.12	238.68	122.92	24.38	337.38	PHASE
256	-3.18	9.18	636	4.27	3.65	1.88	.97	.19	.56	.66	.54	AMP
				246.66	183.35	286.56	191.83	174.82	93.49	14.88	344.15	PHASE
257	-2.26	9.46	636	5.46	3.81	.41	1.12	.13	.54	.82	.43	AMP
				238.67	182.77	323.28	193.89	216.85	66.86	16.21	341.92	PHASE
258	-1.21	18.66	636	7.17	2.47	.93	1.67	.12	.52	.76	.47	AMP
				232.98	97.83	42.95	192.11	161.63	45.45	7.74	345.66	PHASE
259	-.82	14.16	636	9.63	1.79	2.18	2.27	.12	.64	.84	.62	AMP
				229.11	84.11	59.88	199.85	126.39	43.41	23.78	11.99	PHASE
268	2.24	21.35	636	13.96	1.18	2.64	3.18	2.73	2.31	1.82	.95	AMP
				225.42	37.78	73.34	248.85	26.87	64.87	82.72	111.93	PHASE
261	5.45	33.33	637	19.72	3.24	6.87	1.49	7.87	4.69	2.59	2.31	AMP
				223.79	49.43	84.98	273.64	73.23	121.14	149.66	185.18	PHASE
262	-2.22	7.25	641	3.27	3.47	1.12	.77	.21	.18	.39	.14	AMP
				261.67	113.82	279.62	168.35	65.64	76.85	327.81	15.88	PHASE
263	-1.73	8.47	648	4.11	3.92	1.81	.71	.38	.23	.47	.18	AMP
				268.69	121.33	388.43	188.24	75.42	99.82	332.89	24.49	PHASE
264	-1.17	9.26	648	5.19	4.88	.73	1.38	.41	.28	.46	.11	AMP
				254.71	121.91	357.24	186.62	278.62	46.26	348.53	217.61	PHASE
265	-.44	11.58	648	6.59	4.83	1.53	1.93	.83	.52	.41	.89	AMP
				245.27	116.15	44.88	185.25	278.47	13.42	323.44	259.64	PHASE
266	.78	13.58	648	9.37	3.82	3.51	2.71	1.22	.71	.45	.24	AMP
				236.97	188.95	59.46	198.83	295.68	38.14	388.88	8.45	PHASE
267	2.28	19.89	648	12.67	1.91	3.78	3.68	.87	1.87	.97	.97	AMP
				227.59	181.88	57.25	218.88	325.57	12.75	4.96	57.44	PHASE
268	3.72	26.68	648	15.87	1.77	4.78	3.32	5.16	3.47	1.97	2.16	AMP
				225.84	76.77	68.26	258.41	12.28	61.76	95.89	114.58	PHASE
269	-1.13	7.48	648	3.33	3.55	.64	.68	.28	.22	.48	.14	AMP
				265.22	119.51	383.93	182.78	86.83	123.88	337.88	335.31	PHASE
278	-.78	8.29	648	4.11	3.89	.68	.74	.48	.13	.31	.13	AMP
				268.18	122.24	339.65	196.13	98.93	118.85	328.83	328.17	PHASE
271	-.31	8.85	648	4.87	4.88	1.81	1.85	.29	.34	.22	.17	AMP
				254.81	128.89	16.18	188.15	158.85	331.13	314.62	257.23	PHASE
272	-.83	18.67	648	5.95	4.38	1.79	1.63	.56	.63	.48	.22	AMP
				249.67	119.88	39.77	172.88	223.81	329.88	388.83	273.62	PHASE
273	.48	13.58	648	4.93	4.28	3.33	2.46	1.82	1.87	.59	.41	AMP
				239.28	118.17	44.83	166.13	247.85	319.79	272.85	295.22	PHASE
274	1.62	19.41	639	11.59	3.81	4.36	3.78	2.88	2.28	.84	1.88	AMP
				229.99	116.71	56.38	199.62	298.66	341.28	333.98	19.11	PHASE

TABLE VI.- Continued

(e) $\mu = 0.40$; $M_T = 0.62$

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CW/SIGMA
275	1.6	4.2	6.0	.02274	-.00122	.00268
276	1.6	5.6	8.0	.03755	-.00361	.00392
277	1.6	7.0	10.0	.05208	-.00612	.00528
278	1.2	8.1	12.1	.06726	-.00843	.00684
279	3.1	4.3	4.0	.03211	-.00023	.00228
280	2.4	5.5	6.0	.04667	-.00155	.00299
281	2.1	6.9	8.0	.06094	-.00296	.00393
282	1.7	7.5	9.0	.06828	-.00354	.00450
283	1.7	8.2	9.9	.07330	-.00425	.00509
284	4.2	4.1	-.1	.02358	.00211	.00120
285	3.5	5.0	2.0	.04006	.00216	.00134
286	2.9	6.1	4.0	.05529	.00221	.00169
287	2.5	6.8	5.0	.06163	.00203	.00198
288	2.2	7.3	6.0	.06862	.00198	.00234
289	1.6	8.1	7.0	.07344	.00145	.00290

TABLE VI.- Continued

(e) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	47.82	38.84	585	11.75	15.25	6.41	5.82	2.83	1.37	1.44	1.21 AMP
276	49.32	31.46	585	151.87	341.47	181.71	45.75	115.73	68.91	263.67	79.87 PHASE
277	51.68	33.14	585	144.16	331.96	84.88	6.74	2.93	1.38	1.15	1.54 AMP
278	53.98	33.32	585	127.71	15.76	6.88	26.26	188.26	55.77	251.48	46.68 PHASE
279	46.88	37.46	585	138.73	338.18	88.56	7.22	2.73	1.33	.95	1.73 AMP
280	48.41	37.54	585	14.64	18.29	7.98	26.99	116.59	49.17	282.65	38.88 PHASE
281	58.61	37.41	585	149.88	338.68	99.87	7.66	2.71	1.53	1.87	1.32 AMP
282	51.66	38.43	585	14.71	18.13	7.51	5.89	4.81	1.98	389.19	26.23 PHASE
283	52.85	38.88	585	145.25	335.98	93.42	51.24	134.75	43.89	281.94	63.21 PHASE
284	43.88	47.92	585	14.98	18.15	7.16	7.83	3.28	2.21	1.82	2.86 AMP
285	45.32	44.17	585	138.58	329.81	83.69	42.86	126.81	31.91	384.58	31.21 PHASE
286	47.36	41.33	585	15.18	18.19	6.72	7.81	2.89	2.52	1.19	2.88 AMP
287	48.29	39.78	585	133.32	322.92	78.89	34.77	119.73	26.75	388.85	18.79 PHASE
288	49.22	39.85	585	15.35	18.17	6.14	7.84	3.88	2.54	1.45	1.72 AMP
289	58.11	48.84	585	129.24	319.91	72.67	38.13	118.87	22.71	313.71	354.98 PHASE
				17.25	19.86	18.69	7.92	7.59	2.43	1.84	3.84 AMP
				144.84	327.26	82.73	25.87	134.69	35.43	238.33	39.12 PHASE
				17.32	19.41	9.69	7.37	6.31	2.84	.81	3.18 AMP
				145.33	329.44	83.38	36.51	138.84	48.25	258.63	48.65 PHASE
				17.16	19.82	9.15	6.44	5.52	2.18	.68	2.75 AMP
				142.33	327.18	81.11	35.12	125.51	51.87	218.75	48.43 PHASE
				17.15	18.83	8.86	6.38	5.74	2.87	.45	2.48 AMP
				139.58	324.44	76.34	38.64	117.16	58.98	168.75	37.73 PHASE
				17.85	18.79	8.46	6.89	5.75	2.26	.49	2.34 AMP
				148.58	338.49	85.49	43.85	137.69	73.68	164.59	57.85 PHASE
				17.17	19.22	8.18	5.48	6.82	2.77	.82	2.78 AMP
				134.99	324.72	77.65	38.47	125.44	68.72	88.68	29.18 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	42.33	58.75	585	2.93	29.66	21.94	2.86	6.41	17.51	6.71	1.88 AMP
276	44.84	84.75	585	298.64	191.22	388.29	125.68	315.37	313.68	282.18	151.35 PHASE
277	47.12	111.78	585	16.52	41.33	27.34	5.12	7.44	18.86	6.88	.86 AMP
278	49.16	143.73	585	359.47	187.85	289.11	93.57	283.19	288.64	248.22	222.44 PHASE
279	48.58	73.77	585	18.42	48.83	33.67	8.76	7.29	288.43	281.52	268.87 PHASE
280	41.18	89.68	585	61.47	56.42	41.88	11.37	6.38	18.13	12.41	2.48 AMP
281	41.84	111.86	585	13.33	196.78	283.94	188.14	277.73	255.88	199.59	288.64 PHASE
282	41.76	117.81	585	12.15	33.17	23.87	6.73	7.96	12.87	8.19	.41 AMP
283	41.97	131.15	585	339.67	179.87	388.84	148.65	332.26	273.42	235.28	85.48 PHASE
284	38.88	58.67	585	23.98	48.72	27.17	8.28	8.61	12.27	18.59	.51 AMP
285	36.68	73.29	585	355.84	184.88	382.37	129.85	318.61	246.41	213.16	332.64 PHASE
286	34.98	95.88	585	39.18	47.55	34.44	11.42	7.88	18.19	15.44	1.68 AMP
287	34.46	186.29	585	1.29	185.67	291.58	117.45	382.89	224.88	198.87	382.88 PHASE
288	34.24	113.85	585	47.49	58.79	37.39	12.37	5.92	21.16	16.51	1.57 AMP
289	34.28	123.26	585	2.33	183.73	283.69	185.84	288.81	218.88	182.81	285.68 PHASE
				56.37	53.42	41.54	13.33	5.88	21.12	17.87	1.88 AMP
				3.28	183.46	279.99	99.58	278.55	199.82	172.78	266.51 PHASE
				9.54	28.58	17.11	8.43	9.25	8.32	9.29	.99 AMP
				383.38	149.99	292.68	139.74	348.84	216.36	185.26	92.29 PHASE
				19.77	29.51	22.83	9.71	8.24	12.85	12.59	.36 AMP
				319.48	159.51	299.81	136.49	329.78	192.23	176.28	188.76 PHASE
				32.32	37.16	27.81	11.85	6.91	18.65	16.86	.22 AMP
				336.89	168.15	293.27	126.43	321.18	283.99	181.73	2.26 PHASE
				38.15	39.41	38.11	11.68	7.38	19.88	17.79	.56 AMP
				348.84	169.21	287.48	114.26	324.95	192.32	166.46	165.78 PHASE
				45.23	42.28	32.53	12.37	6.99	22.33	19.83	.75 AMP
				349.17	179.15	295.79	125.18	348.85	213.69	188.47	213.45 PHASE
				48.78	46.39	35.94	13.53	6.49	25.48	22.85	1.47 AMP
				351.37	177.48	286.68	115.43	313.99	286.18	174.57	211.28 PHASE

TABLE VI. - Continued

(e) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	3.52	10.69	585	3.00	4.81	.97	2.82	.71	.28	.24	.29
				115.36	314.91	249.84	44.96	214.90	143.22	315.83	184.36
276	2.65	11.99	585	3.76	5.45	1.59	3.21	.89	.56	.45	.25
				102.01	307.84	241.72	36.04	171.86	166.81	268.64	142.15
277	1.83	13.39	585	4.77	5.79	2.16	3.37	1.14	1.78	.52	.28
				92.84	307.07	249.24	43.88	166.17	174.62	271.50	122.19
278	.83	15.53	585	6.40	6.13	3.05	4.14	1.90	1.82	.62	.41
				82.48	299.44	256.85	46.59	160.52	182.57	277.51	106.60
279	3.56	11.33	585	3.57	5.04	1.00	2.98	1.16	.04	.00	.25
				100.75	309.15	176.60	30.83	188.36	319.75	279.10	137.41
280	2.70	11.25	585	4.37	5.39	1.03	2.73	.99	.11	.16	.29
				99.00	306.56	204.80	33.56	174.78	169.59	216.46	126.94
281	1.76	13.90	585	5.69	5.88	1.51	3.41	1.00	.51	.43	.40
				89.23	296.44	238.93	29.01	155.35	165.37	239.95	93.41
282	1.19	16.50	585	6.55	6.12	1.91	3.74	1.95	.73	.59	.53
				83.36	288.02	238.38	25.23	145.97	149.16	236.48	75.67
283	.55	15.55	585	7.49	6.20	2.33	3.75	2.00	.86	.45	.55
				78.41	283.13	243.89	22.13	134.81	148.81	237.23	74.51
284	5.12	12.04	585	3.09	5.27	2.67	2.64	.91	.77	.39	.00
				91.05	285.95	137.38	9.45	135.49	358.25	334.29	60.95
285	4.14	12.15	585	4.07	5.52	2.32	2.09	.68	.64	.23	.18
				88.02	288.07	149.22	14.12	126.16	353.43	340.49	81.95
286	2.99	13.07	585	5.17	5.70	2.07	2.58	1.00	.56	.33	.24
				82.69	285.93	170.67	17.29	151.68	351.40	262.24	91.20
287	2.43	13.05	585	5.68	5.54	2.02	2.34	.85	.48	.29	.30
				79.11	282.92	176.94	8.65	118.26	6.01	234.80	94.06
288	1.66	13.72	585	6.45	5.46	2.22	2.70	1.14	.46	.41	.40
				77.44	288.82	198.99	21.50	126.47	63.25	247.46	116.76
289	.72	14.70	585	7.38	5.69	1.88	3.87	1.97	.46	.25	.82
				69.95	284.28	212.61	21.81	116.92	84.53	272.03	98.39

TABLE VI.- Continued

(e) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	32.36	35.24	585	15.79	19.63	9.74	3.52	1.95	.43	.67	.32 AMP
				144.24	349.57	96.56	38.62	98.84	322.22	316.89	226.89 PHASE
276	34.52	36.78	585	16.73	24.44	18.72	3.95	1.99	.47	.76	.28 AMP
				139.11	348.14	81.23	28.58	91.79	388.37	282.84	225.73 PHASE
277	36.64	38.42	585	17.73	28.98	18.87	4.17	1.53	.54	.82	.29 AMP
				137.88	338.13	78.34	23.68	93.84	299.58	275.63	236.95 PHASE
278	38.77	48.29	585	18.77	21.46	11.13	4.22	1.17	.66	.84	.23 AMP
				133.75	335.27	76.73	22.43	113.82	289.69	277.72	289.89 PHASE
279	38.18	43.22	585	20.85	23.36	18.97	4.28	1.91	.57	.66	.57 AMP
				143.25	344.93	94.22	48.53	128.87	349.75	296.64	233.11 PHASE
280	32.35	43.88	585	20.64	23.37	11.83	4.28	1.83	.42	.72	.54 AMP
				141.28	342.18	88.25	48.18	121.21	348.87	288.29	245.75 PHASE
281	34.42	45.48	585	21.51	23.67	11.59	3.87	1.58	.56	.81	.49 AMP
				136.84	335.58	79.54	48.79	118.83	327.18	268.38	228.67 PHASE
282	35.74	46.85	585	22.18	23.89	11.57	3.73	1.27	.63	.83	.41 AMP
				133.62	329.98	73.51	34.92	99.78	319.52	256.93	285.36 PHASE
283	36.31	46.68	585	22.33	24.18	11.64	3.64	1.33	.63	.82	.34 AMP
				131.31	327.86	69.97	32.21	96.55	389.28	247.69	188.75 PHASE
284	26.45	49.92	585	22.41	24.41	12.55	5.14	4.13	.91	.74	.84 AMP
				141.35	331.27	73.96	15.85	148.81	232.23	272.97	211.84 PHASE
285	28.66	48.57	585	23.89	23.88	12.28	4.55	3.28	.81	.71	.82 AMP
				141.86	333.83	75.22	27.34	135.59	41.57	278.96	232.62 PHASE
286	38.68	48.73	585	23.68	23.79	12.31	3.57	2.77	.72	.68	.85 AMP
				139.84	338.75	72.98	25.44	128.15	41.78	268.87	233.55 PHASE
287	31.59	47.82	585	23.88	23.67	12.14	3.41	2.94	.67	.67	.83 AMP
				137.65	328.82	68.47	23.43	119.49	47.86	245.83	228.62 PHASE
288	32.49	49.24	585	24.84	23.86	12.39	3.84	2.98	.68	.77	.88 AMP
				139.54	334.14	78.86	37.55	142.18	72.48	262.82	258.71 PHASE
289	33.39	49.58	585	24.29	24.62	12.33	2.29	3.59	.53	.89	.85 AMP
				135.64	328.38	78.97	18.57	128.26	75.98	258.28	227.78 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	25.18	57.19	585	3.68	21.65	14.18	3.42	6.47	27.25	12.97	1.98 AMP
				297.55	198.38	319.51	144.85	317.11	311.72	288.23	134.22 PHASE
276	26.91	78.93	585	12.88	31.81	18.59	5.95	8.36	25.34	12.92	.54 AMP
				351.38	187.46	318.11	184.99	281.89	288.21	258.86	188.93 PHASE
277	27.56	97.39	585	28.21	38.84	24.14	18.71	8.35	28.49	15.67	.83 AMP
				5.48	193.18	389.13	185.65	284.59	279.63	218.19	247.53 PHASE
278	27.94	127.88	585	45.32	45.46	38.72	14.41	7.28	18.64	19.67	1.12 AMP
				9.34	197.86	386.91	186.91	268.97	257.97	287.86	298.91 PHASE
279	23.49	63.64	585	11.29	25.24	17.28	8.78	18.89	21.86	14.59	.65 AMP
				338.17	177.34	329.56	149.79	328.66	274.35	245.68	114.65 PHASE
280	23.23	88.48	585	19.76	31.88	28.81	11.14	11.72	18.38	18.12	.34 AMP
				348.33	185.82	325.55	138.18	315.46	248.31	223.49	26.72 PHASE
281	22.88	181.58	585	31.89	38.28	26.65	15.27	18.65	27.87	25.18	.29 AMP
				356.88	186.83	315.25	125.48	299.72	227.62	285.98	283.92 PHASE
282	22.12	189.63	585	37.58	41.67	29.34	16.81	8.45	32.56	26.36	.42 AMP
				357.72	185.28	388.87	114.28	282.87	213.89	189.77	46.48 PHASE
283	21.59	119.41	585	44.33	44.65	33.89	18.23	8.25	32.79	28.34	.38 AMP
				359.26	185.17	383.52	187.68	271.66	282.85	178.83	134.58 PHASE
284	22.88	55.44	585	18.98	16.61	12.88	18.72	11.19	11.99	16.36	.91 AMP
				382.99	146.86	316.89	146.52	328.21	219.98	189.85	169.86 PHASE
285	28.16	76.84	585	18.42	23.78	18.53	13.15	18.74	16.96	21.88	1.48 AMP
				318.29	159.81	328.65	138.86	315.11	189.28	181.65	245.58 PHASE
286	18.87	98.82	585	27.94	38.35	22.99	15.88	9.28	26.59	27.38	1.87 AMP
				333.71	168.54	316.45	131.36	385.81	284.25	185.91	225.59 PHASE
287	17.21	182.42	585	32.51	32.51	24.98	16.54	9.15	29.83	29.69	1.31 AMP
				338.88	178.15	311.13	119.65	389.18	191.53	171.32	183.48 PHASE
288	16.29	118.58	585	38.88	35.78	27.19	17.88	7.88	33.46	32.47	1.64 AMP
				346.41	188.22	328.35	138.73	329.98	213.98	193.29	282.98 PHASE
289	15.78	128.32	585	41.14	48.15	38.16	19.27	8.17	38.98	35.36	2.46 AMP
				348.96	178.69	311.61	122.82	291.59	288.42	188.12	198.47 PHASE

TABLE VI.- Continued

(e) Continued

TORSION 36 PERCENT RADIUS												
RUN NO		36										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	2.06	7.32	585	2.53 69.22	3.35 303.37	1.30 216.42	2.02 15.22	.44 203.10	.19 115.69	.19 299.36	.20 123.46	AMP PHASE
276	1.46	8.62	585	3.38 63.41	3.07 296.27	1.86 210.21	2.20 8.06	.46 146.54	.51 132.00	.20 240.54	.15 79.80	AMP PHASE
277	.40	10.18	585	4.42 60.57	4.12 296.24	2.29 216.00	2.43 17.06	.69 129.07	.69 141.93	.33 230.59	.19 66.30	AMP PHASE
278	-.61	11.55	585	6.00 56.59	4.20 280.21	3.02 222.11	3.13 18.14	1.37 110.10	.94 152.07	.42 240.04	.33 59.60	AMP PHASE
279	2.16	7.97	585	2.98 67.16	3.35 294.78	1.40 172.07	2.12 350.20	.64 161.19	.15 221.00	.11 2.66	.17 97.42	AMP PHASE
280	1.30	8.20	585	3.04 63.55	3.62 294.25	1.50 107.65	1.94 359.97	.50 137.51	.10 101.14	.13 65.03	.15 09.31	AMP PHASE
281	.42	10.00	585	5.05 59.47	3.91 204.07	2.07 190.27	2.57 356.29	1.20 113.70	.47 150.22	.11 172.75	.20 30.10	AMP PHASE
282	-.13	10.99	585	5.07 56.03	4.01 276.17	2.30 201.45	2.92 352.49	1.40 103.91	.60 133.61	.20 104.10	.27 23.03	AMP PHASE
283	-.73	11.31	585	6.73 53.50	4.01 271.14	2.67 204.31	2.94 349.09	1.62 91.33	.60 129.96	.09 190.64	.30 27.20	AMP PHASE
284	3.63	8.92	585	2.05 40.39	3.56 266.62	2.46 130.25	1.70 339.60	.33 73.19	.56 297.73	.45 312.29	.06 101.00	AMP PHASE
285	2.69	9.33	585	3.60 52.65	3.69 271.90	2.36 143.17	1.36 342.05	.32 30.47	.51 200.49	.34 334.90	.09 47.24	AMP PHASE
286	1.60	10.42	585	4.63 51.05	3.77 270.03	2.46 160.56	1.06 347.12	.53 111.35	.52 203.22	.09 309.31	.09 36.73	AMP PHASE
287	1.16	10.47	585	5.09 50.09	3.59 269.00	2.56 163.09	1.71 337.43	.45 56.73	.43 200.92	.07 28.92	.11 40.49	AMP PHASE
288	.47	11.20	585	5.00 50.76	3.46 276.30	2.05 181.13	2.06 350.77	.73 73.29	.31 336.29	.14 125.72	.15 64.56	AMP PHASE
289	-.37	11.00	585	6.02 44.56	3.46 273.00	2.73 186.69	3.19 351.90	1.46 70.97	.16 10.00	.08 350.23	.08 40.31	AMP PHASE

TABLE VI.- Continued

(e) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	28.67	41.86	585	19.21	24.15	12.56	1.85	.92	1.82	1.14	1.13
				137.84	358.83	85.84	383.58	337.22	244.56	72.48	247.14
276	23.88	46.82	585	28.57	25.18	14.48	1.46	.75	1.91	.92	1.54
				132.81	348.42	72.37	297.83	318.63	248.44	58.28	219.12
277	25.28	48.53	585	22.82	25.85	15.38	1.64	.79	1.89	.67	1.79
				131.68	338.12	71.88	298.58	315.89	243.15	91.43	214.55
278	27.31	52.79	585	23.68	26.81	16.46	1.98	.73	1.18	.87	1.44
				129.82	335.73	71.77	288.86	324.48	245.18	133.59	285.42
279	17.49	51.82	585	24.27	28.79	13.91	.85	1.56	1.29	1.49	2.15
				138.24	346.58	81.58	352.44	324.36	211.97	74.35	246.32
280	19.79	51.85	585	25.86	28.84	14.53	.93	1.35	1.89	1.68	2.23
				136.88	343.33	78.23	339.85	312.38	217.94	181.59	238.48
281	21.95	54.74	585	26.29	29.48	15.93	1.12	1.38	1.15	1.78	2.81
				132.98	336.73	71.25	315.82	385.53	213.67	128.87	287.21
282	22.76	56.33	585	26.99	29.88	16.15	1.28	1.25	1.27	.87	1.97
				138.18	331.16	65.54	382.79	293.98	212.17	128.38	186.87
283	23.74	57.93	585	27.33	38.13	16.46	1.19	1.25	1.26	1.17	1.68
				128.15	328.28	62.72	295.38	298.17	218.84	137.72	171.48
284	13.42	55.34	585	25.83	29.12	15.46	1.14	2.88	1.73	1.73	3.78
				136.73	332.56	59.74	343.45	289.76	198.35	48.87	212.54
285	15.86	55.13	585	26.71	28.45	15.62	1.18	1.94	1.22	.58	3.33
				137.79	333.92	62.66	338.51	283.73	287.76	53.58	223.28
286	17.96	54.92	585	27.72	28.51	16.35	1.86	1.75	2.88	2.88	2.88
				135.93	331.76	61.59	316.67	288.34	212.32	11.83	216.18
287	19.84	54.97	585	28.14	28.31	16.41	1.84	1.89	.79	.61	2.53
				133.95	328.99	57.64	313.83	268.52	288.94	326.87	212.26
288	19.96	56.48	585	28.45	28.64	16.96	1.82	2.81	.75	.75	2.34
				135.98	334.95	67.66	319.96	286.77	243.16	341.48	233.81
289	28.78	58.34	585	28.68	29.74	17.87	1.54	2.37	1.88	.98	2.72
				131.88	329.22	68.62	284.71	278.51	243.92	277.12	286.12

CHORDWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	37.18	63.92	585	3.52	16.92	11.33	3.79	7.83	33.71	16.92	2.43
				386.58	195.89	346.29	151.29	317.82	313.88	294.69	146.28
276	38.34	67.17	585	18.84	24.87	15.77	7.38	9.54	31.53	16.87	.88
				348.54	191.48	334.92	188.43	278.38	282.25	258.87	192.35
277	38.51	96.94	585	22.87	31.88	21.27	11.63	9.81	25.68	19.47	1.33
				2.25	196.71	331.19	186.16	277.26	281.46	224.27	236.89
278	38.68	118.32	585	36.39	37.64	27.72	15.66	9.36	23.98	23.84	.88
				6.19	281.89	326.51	186.78	257.27	268.97	212.88	287.37
279	36.18	61.88	585	18.81	18.88	14.13	8.77	13.81	25.91	18.79	1.82
				329.95	188.48	351.34	152.18	325.43	277.55	252.81	177.71
280	35.39	71.16	585	16.78	24.49	17.81	11.58	13.72	22.37	23.78	.22
				345.64	188.95	346.24	138.93	318.35	252.95	238.15	288.46
281	34.42	92.76	585	25.62	38.25	23.61	16.87	12.62	33.51	31.73	.68
				353.64	198.65	334.68	124.96	289.63	231.94	212.33	166.48
282	33.78	183.92	585	38.92	33.41	26.51	17.88	18.76	39.88	33.86	1.42
				355.38	188.96	326.58	113.56	267.67	217.93	196.82	97.48
283	32.98	118.56	585	36.49	36.42	38.87	19.62	18.91	39.28	35.44	1.72
				357.35	188.58	328.86	186.42	255.54	287.85	185.77	118.48
284	34.64	57.41	585	18.24	11.76	18.14	18.93	12.73	14.37	28.62	2.18
				385.28	145.52	343.48	153.55	321.61	225.65	193.96	195.31
285	33.18	78.99	585	16.88	17.34	15.23	13.25	12.47	19.83	27.99	2.91
				319.49	162.15	348.77	148.56	385.35	192.99	186.85	249.16
286	38.98	84.79	585	23.54	7.96	19.67	16.28	18.97	38.63	34.68	2.31
				333.33	171.54	334.26	131.23	298.88	288.55	191.75	223.46
287	29.77	93.84	515	27.47	25.15	21.68	17.28	18.36	33.21	37.31	1.97
				337.65	172.87	328.12	118.67	289.14	195.81	177.95	195.88
288	28.65	182.29	585	32.15	28.14	24.21	18.74	8.73	38.74	48.41	2.45
				345.93	182.85	336.25	129.11	381.34	217.54	288.58	284.23
289	27.68	116.11	585	35.28	32.71	27.75	28.62	11.56	45.58	43.84	3.44
				348.91	188.38	327.83	128.89	265.72	212.91	188.12	197.44

TABLE VI.- Continued

(e) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	- .86	5.88	585	2.51	2.64	2.84	1.23	.16	.13	.16	.16 AMP
				73.58	321.18	216.67	48.98	266.81	138.21	356.91	142.13 PHASE
276	-1.42	7.12	585	3.16	3.87	1.22	1.48	.18	.41	.21	.14 AMP
				67.27	311.89	212.85	36.69	114.66	163.58	298.44	98.81 PHASE
277	-1.96	8.19	585	3.86	3.36	1.49	1.53	.36	.56	.22	.15 AMP
				65.88	311.58	218.83	46.58	114.55	176.77	298.78	92.45 PHASE
278	-2.54	9.28	585	4.75	3.62	1.96	2.82	.97	.75	.27	.22 AMP
				62.37	307.44	221.76	43.54	121.93	188.74	389.71	88.28 PHASE
279	-.69	6.11	585	2.75	2.61	1.98	1.23	.28	.16	.23	.12 AMP
				73.51	312.79	175.84	24.43	165.95	258.78	48.64	165.35 PHASE
288	-1.17	6.57	585	3.36	2.89	1.12	1.18	.26	.23	.24	.13 AMP
				69.99	312.84	188.21	28.44	92.41	238.89	76.87	176.76 PHASE
281	-1.78	7.98	585	4.11	3.12	1.48	1.59	.92	.42	.11	.86 AMP
				65.39	305.35	197.52	23.55	112.61	285.82	82.73	61.44 PHASE
282	-2.14	8.55	585	4.57	3.16	1.74	1.88	.18	.44	.87	.11 AMP
				61.54	299.44	288.83	18.89	186.18	187.58	121.76	8.68 PHASE
283	-2.52	8.79	585	5.87	3.13	1.99	1.93	1.38	.49	.15	.12 AMP
				58.84	297.84	282.97	13.96	96.62	183.86	58.54	18.82 PHASE
284	.62	6.45	585	2.43	2.69	1.72	1.84	.29	.46	.51	.17 AMP
				58.64	284.12	143.13	12.38	23.45	311.18	356.38	172.89 PHASE
285	-.83	7.88	585	3.86	2.79	1.68	1.72	.53	.47	.47	.12 AMP
				69.73	293.31	154.15	18.86	15.31	294.35	16.42	172.18 PHASE
286	-.71	7.88	585	3.73	2.89	1.88	1.89	.31	.58	.27	.87 AMP
				59.28	293.17	169.85	17.64	62.17	291.81	27.56	198.28 PHASE
287	-1.87	8.88	585	4.85	2.79	1.91	.98	.68	.52	.28	.18 AMP
				57.83	289.54	172.49	8.81	38.41	288.81	42.58	281.73 PHASE
288	-1.55	8.56	585	4.58	2.74	2.16	1.23	.81	.38	.27	.88 AMP
				57.42	293.72	188.22	19.12	68.71	319.81	181.22	249.72 PHASE
289	-2.21	9.21	585	5.87	2.84	2.12	2.83	1.29	.15	.22	.22 AMP
				49.81	303.26	186.67	17.89	68.48	294.28	63.59	69.96 PHASE

TABLE VI.- Continued

(e) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	3.23	41.18	585	19.18	28.54	8.88	4.57	4.76	.64	.81	1.27	AMP
				143.22	358.34	62.73	225.57	269.84	91.59	247.63	51.32	PHASE
276	5.81	42.78	585	28.43	21.54	9.52	4.45	4.99	.61	.51	1.81	AMP
				148.18	342.84	58.98	288.58	262.11	86.62	233.94	24.86	PHASE
277	8.48	43.57	585	21.41	22.29	18.41	4.12	4.68	.69	.33	2.26	AMP
				141.17	341.74	51.17	216.21	268.17	93.28	317.28	18.89	PHASE
278	18.87	46.46	585	22.96	23.74	11.11	3.95	4.58	.95	.84	1.81	AMP
				142.43	348.89	58.82	221.79	288.84	92.37	348.14	4.38	PHASE
279	.13	46.17	585	22.39	24.38	18.13	5.26	4.74	.82	1.53	2.16	AMP
				144.27	346.22	52.27	242.36	291.34	38.97	278.82	58.52	PHASE
288	2.82	45.98	585	22.76	24.62	18.57	4.78	4.91	.72	1.11	2.46	AMP
				145.18	343.89	49.92	246.85	293.99	17.52	323.68	48.55	PHASE
281	5.39	47.32	585	23.71	25.57	11.34	4.58	4.96	.34	1.29	2.48	AMP
				143.81	338.21	43.24	243.38	286.86	355.72	323.66	5.32	PHASE
282	6.61	48.39	585	24.55	26.11	11.51	4.31	4.75	.15	1.45	2.44	AMP
				142.85	333.76	37.78	239.96	277.89	314.22	311.46	342.14	PHASE
283	7.82	49.77	585	24.86	26.52	11.67	4.22	5.18	.19	1.72	2.18	AMP
				141.36	338.94	35.69	239.96	275.62	283.68	314.88	323.99	PHASE
284	-4.84	48.38	585	23.87	24.68	13.49	5.22	7.85	1.32	1.57	4.11	AMP
				139.33	331.38	32.77	224.92	388.84	16.34	271.37	18.97	PHASE
285	-1.38	47.23	585	23.52	24.38	13.38	4.41	6.17	.86	1.21	3.98	AMP
				142.76	333.62	36.54	236.11	297.77	17.83	331.16	28.84	PHASE
286	1.35	47.62	585	24.34	24.72	13.68	3.62	5.81	.45	.77	3.48	AMP
				143.26	332.44	35.56	237.96	298.13	295.88	325.27	16.99	PHASE
287	2.65	47.99	585	24.66	24.63	13.67	3.55	6.28	.68	.52	2.94	AMP
				142.64	333.89	31.38	238.83	282.34	272.25	341.38	11.86	PHASE
288	3.89	48.28	585	25.11	24.85	13.83	3.45	6.35	.94	.26	2.82	AMP
				145.98	335.94	43.99	252.13	383.82	275.18	15.93	38.91	PHASE
289	4.59	58.89	585	24.98	26.28	14.81	3.85	7.55	1.87	.98	3.35	AMP
				143.24	331.78	33.29	254.51	292.11	262.84	37.57	7.15	PHASE

CHORDWISE 77 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	52.26	48.88	585	18.12	18.15	8.78	3.64	6.43	13.51	7.31	1.21	AMP
				141.85	335.78	44.44	286.89	286.21	386.86	288.88	97.88	PHASE
276	53.66	48.48	585	9.17	9.45	11.89	3.37	7.51	12.74	7.23	1.88	AMP
				129.25	318.42	28.57	167.88	263.28	276.59	253.78	33.34	PHASE
277	55.48	46.36	585	8.85	9.61	12.82	4.28	7.38	18.46	7.72	1.22	AMP
				112.73	387.68	22.83	148.98	262.71	275.54	228.89	18.12	PHASE
278	58.87	46.58	585	7.85	18.65	14.66	5.44	6.97	9.82	9.82	1.42	AMP
				93.18	298.91	15.28	129.78	252.98	254.67	289.93	8.66	PHASE
279	58.34	44.45	585	18.58	12.88	11.89	4.78	8.41	18.58	8.99	1.89	AMP
				148.47	337.41	38.99	282.87	384.38	274.61	258.28	68.44	PHASE
288	51.55	46.56	585	9.25	11.32	12.39	4.55	8.88	8.95	9.58	1.58	AMP
				133.99	326.41	32.57	181.89	294.86	251.88	228.94	41.88	PHASE
281	53.49	56.93	585	8.31	11.44	14.23	5.38	8.52	13.88	12.68	1.37	AMP
				119.88	312.58	28.13	153.42	276.22	228.47	218.88	19.31	PHASE
282	54.74	59.81	585	8.23	11.64	14.93	5.64	7.88	16.39	13.19	1.64	AMP
				118.15	383.77	11.38	135.67	257.19	213.74	195.84	11.88	PHASE
283	55.72	68.38	585	8.13	11.84	15.59	6.12	8.88	16.63	13.87	1.85	AMP
				99.82	297.88	5.11	123.48	248.53	282.94	184.75	5.31	PHASE
284	45.92	41.74	585	11.88	14.19	12.35	6.31	18.86	5.15	8.62	1.75	AMP
				148.86	329.34	27.96	188.59	383.98	226.82	194.57	22.84	PHASE
285	47.74	44.88	585	9.75	12.42	13.26	5.69	9.68	6.74	18.83	1.85	AMP
				141.24	326.88	25.78	174.38	292.75	189.62	183.38	358.87	PHASE
286	49.82	58.53	585	8.48	11.34	14.26	6.81	9.95	12.29	13.75	1.54	AMP
				134.35	317.87	19.48	155.78	279.48	287.51	187.41	358.67	PHASE
287	58.95	55.18	585	7.76	18.84	14.73	5.76	9.13	13.36	14.82	1.62	AMP
				128.15	311.98	13.87	141.68	273.11	194.88	173.58	1.51	PHASE
288	51.94	58.72	585	7.82	18.45	15.58	6.18	8.38	16.86	16.12	1.45	AMP
				123.77	315.97	28.83	149.46	287.67	216.29	196.69	38.59	PHASE
289	52.44	69.21	585	6.43	18.98	16.46	6.71	18.13	19.77	17.83	1.66	AMP
				188.79	387.64	11.29	133.58	266.81	211.86	184.84	353.68	PHASE

TABLE VI.- Continued

(e) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	-3.87	3.84	585	2.43	.93	.89	.43	.38	.81	.86	.22 AMP
				124.27	336.18	248.93	79.71	59.47	286.13	156.33	66.16 PHASE
276	-3.31	4.37	585	2.63	1.15	1.14	.57	.46	.19	.88	.21 AMP
				189.24	316.28	238.62	77.22	46.33	158.67	181.88	36.54 PHASE
277	-3.54	4.99	585	2.95	1.36	1.31	.69	.62	.28	.87	.23 AMP
				99.22	312.34	228.37	87.62	55.97	162.82	192.77	41.51 PHASE
278	-3.77	5.55	585	3.41	1.59	1.58	.83	.89	.36	.85	.27 AMP
				98.49	385.76	223.75	79.37	68.45	167.27	295.67	37.35 PHASE
279	-2.94	3.81	585	2.36	1.15	1.09	.51	.49	.15	.22	.17 AMP
				121.24	318.15	235.28	93.57	65.55	261.14	88.84	75.32 PHASE
280	-3.16	4.19	585	2.55	.89	.95	.58	.67	.17	.23	.13 AMP
				189.37	313.85	231.99	183.88	54.46	245.73	91.66	86.68 PHASE
281	-3.38	4.58	585	2.87	1.11	1.16	.78	.96	.21	.28	.19 AMP
				98.11	381.61	228.95	98.88	61.89	281.93	85.86	21.88 PHASE
282	-3.49	5.81	585	3.88	1.28	1.28	.75	1.85	.19	.28	.22 AMP
				92.15	294.68	214.13	78.31	54.15	178.19	81.16	351.84 PHASE
283	-3.58	5.39	585	3.38	1.25	1.38	.76	1.18	.17	.23	.22 AMP
				88.23	292.22	211.23	77.48	48.86	171.58	51.85	349.34 PHASE
284	-2.33	3.71	585	1.91	.54	.93	.73	.57	.38	.25	.38 AMP
				123.88	269.39	281.46	83.68	32.42	274.54	62.89	84.82 PHASE
285	-2.58	3.87	585	2.11	.61	.93	.75	.78	.36	.25	.25 AMP
				112.61	278.84	287.37	188.86	22.96	258.84	63.28	98.64 PHASE
286	-2.81	4.29	585	2.39	.81	1.88	.76	.74	.39	.28	.17 AMP
				181.35	278.13	286.45	92.29	31.64	261.98	78.39	62.85 PHASE
287	-2.91	4.54	585	2.56	1.25	1.16	.73	.96	.36	.32	.11 AMP
				96.98	275.98	284.87	91.73	18.33	261.58	66.45	37.17 PHASE
288	-3.83	5.81	585	2.75	.96	1.29	.71	1.11	.27	.36	.12 AMP
				95.48	283.92	214.87	99.54	39.96	289.71	96.19	48.41 PHASE
289	-3.25	5.29	585	2.85	1.15	1.22	.99	1.42	.11	.27	.23 AMP
				88.76	289.36	286.88	74.15	42.59	231.28	82.58	18.11 PHASE

PITCH LINK											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	-1.63	12.86	585	4.87	5.41	.61	2.87	.58	.18	.53	.88 AMP
				298.48	123.94	158.15	217.25	18.96	327.72	65.17	382.73 PHASE
276	-1.84	15.84	585	4.91	6.16	1.88	3.31	.84	.64	.62	.18 AMP
				298.48	117.77	112.75	287.82	321.14	348.44	54.28	278.82 PHASE
277	-.66	16.74	585	5.92	6.72	1.63	3.48	1.19	.88	.71	.28 AMP
				286.77	118.41	182.93	212.86	313.85	358.26	61.89	279.17 PHASE
278	-.28	19.16	585	7.28	7.45	2.69	4.23	1.95	1.18	.52	.14 AMP
				277.36	113.88	95.85	216.21	317.79	358.91	58.77	284.37 PHASE
279	-1.91	15.43	585	4.98	5.73	.58	2.89	1.34	.15	.46	.41 AMP
				384.83	121.39	257.37	285.88	353.88	161.68	43.61	234.92 PHASE
280	-1.46	15.28	585	5.37	6.19	.24	2.82	1.22	.82	.57	.48 AMP
				292.16	119.69	215.12	287.83	334.97	328.64	48.12	246.87 PHASE
281	-.77	17.22	585	6.51	6.85	.79	3.64	1.97	.58	.62	.53 AMP
				281.79	118.82	187.81	285.45	322.88	353.45	57.63	242.73 PHASE
282	-.42	17.95	585	7.23	7.17	1.45	3.98	2.84	.79	.68	.54 AMP
				274.93	183.82	94.58	281.79	389.48	331.83	46.92	225.84 PHASE
283	.84	18.98	585	8.12	7.37	2.89	4.83	2.27	.96	.52	.46 AMP
				269.99	98.67	92.76	197.39	388.68	325.16	35.88	218.47 PHASE
284	-2.91	15.77	585	8.88	5.88	2.46	2.81	1.32	.78	.36	.45 AMP
				388.82	181.34	273.28	182.77	311.87	176.87	23.75	163.38 PHASE
285	-2.35	15.66	585	5.24	6.28	1.71	2.18	1.31	.65	.22	.49 AMP
				288.62	184.65	275.43	183.23	385.59	182.85	53.51	187.94 PHASE
286	-1.59	16.58	585	6.89	6.68	.83	2.49	1.55	.51	.63	.47 AMP
				277.87	188.97	289.67	193.12	315.27	182.69	52.31	218.41 PHASE
287	-1.28	16.88	585	6.54	6.56	.56	2.31	1.48	.87	.62	.54 AMP
				272.12	97.66	293.28	183.62	298.81	285.85	37.19	221.65 PHASE
288	-.85	16.32	585	7.28	6.46	.51	2.73	1.84	.49	.77	.74 AMP
				268.45	183.23	12.87	195.66	299.34	274.88	63.99	258.28 PHASE
289	.11	18.15	585	8.81	6.77	3.76	3.76	2.65	.65	.39	.86 AMP
				268.27	98.18	84.86	196.91	289.38	286.83	39.37	248.68 PHASE

TABLE VI.- Continued

(f) $\mu = 0.40$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CV/SIGMA
290	2.9	3.0	0.0	.02638	.00256	.00127
291	2.2	4.3	2.0	.03457	.00236	.00145
292	1.2	5.9	4.0	.05131	.00178	.00193
293	1.3	6.8	5.0	.05624	.00148	.00226
294	1.2	7.7	6.0	.06205	.00109	.00266
295	.9	8.0	7.0	.06451	.00108	.00314
296	.4	8.7	8.0	.07424	.00056	.00371
297	2.5	2.8	2.0	.01661	.00103	.00175
298	1.7	4.5	4.0	.02716	-.00033	.00234
299	1.4	6.1	6.0	.04010	-.00178	.00316
300	1.1	7.7	8.0	.05151	-.00331	.00420
301	.8	8.4	8.9	.05831	-.00422	.00466
302	.6	8.7	9.9	.06477	-.00491	.00531
303	2.1	4.4	6.0	.02032	-.00067	.00265
304	1.4	6.3	8.0	.03126	-.00293	.00374
305	1.1	8.9	9.0	.03803	-.00425	.00442
306	.7	7.5	10.0	.04517	-.00566	.00518
307	.4	7.9	11.0	.05175	-.00684	.00590
308	.1	8.5	12.0	.05815	-.00805	.00671
309	-.3	9.1	13.0	.06471	-.00942	.00764
310	1.0	6.0	10.0	.02300	-.00281	.00394
311	.5	7.0	12.0	.03604	-.00707	.00582
312	.1	7.7	13.0	.04451	-.00897	.00682
313	-.4	8.6	14.0	.04900	-.01072	.00778

TABLE VI.- Continued

(f) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	42.63	44.86	615	16.67	19.1#	9.57	7.25	5.64	1.56	1.87	2.54 AMP
				148.45	329.69	76.94	32.99	139.34	39.34	251.32	59.16 PHASE
291	44.9#	42.63	615	16.8#	19.33	9.26	6.9#	5.47	1.86	1.28	2.24 AMP
				146.8#	328.99	76.87	36.39	122.69	45.47	278.99	57.32 PHASE
292	46.94	41.33	615	16.96	19.36	8.7#	6.42	5.97	2.82	.44	2.28 AMP
				141.3#	325.21	78.38	29.88	114.85	53.3#	287.89	47.37 PHASE
293	47.71	41.12	615	17.39	19.46	8.49	6.65	6.81	2.89	.64	2.15 AMP
				148.76	326.1#	71.78	33.2#	112.92	61.33	336.52	61.76 PHASE
294	48.69	42.26	615	17.59	19.81	8.27	6.89	6.56	2.32	.46	1.98 AMP
				137.54	322.87	66.5#	24.28	113.31	53.29	8.55	51.64 PHASE
295	49.57	48.25	615	17.62	19.62	8.8#	5.9#	6.7#	2.28	.88	1.52 AMP
				136.74	323.35	78.45	28.13	112.91	66.82	16.7#	68.73 PHASE
296	58.32	41.61	615	17.88	19.89	7.6#	5.42	7.95	2.96	1.73	2.13 AMP
				137.1#	329.71	74.37	33.48	133.33	91.89	59.26	68.94 PHASE
297	43.28	36.45	615	14.5#	18.35	7.63	6.4#	4.92	2.26	2.12	1.89 AMP
				148.82	331.2#	79.52	38.76	182.53	6.13	242.68	53.82 PHASE
298	45.57	37.28	615	14.33	18.4#	7.71	6.81	4.52	2.83	1.61	1.59 AMP
				143.66	328.68	75.55	31.76	181.75	18.69	239.63	46.1# PHASE
299	47.65	38.63	615	15.87	18.79	7.48	7.35	4.45	1.79	1.89	1.7# AMP
				144.65	334.63	81.77	43.38	128.26	41.13	276.35	66.25 PHASE
300	49.72	38.29	616	15.62	18.85	7.22	7.74	4.17	2.86	.98	1.61 AMP
				135.39	319.35	56.28	13.83	93.37	14.71	288.53	9.24 PHASE
301	58.64	39.71	614	15.94	19.81	7.18	7.94	4.65	2.18	1.89	1.16 AMP
				137.34	326.43	67.98	29.57	118.65	33.85	321.9#	44.86 PHASE
302	51.58	39.55	615	16.87	18.98	6.83	7.7#	4.28	2.23	1.62	1.88 AMP
				133.18	328.86	56.89	17.3#	185.77	19.5#	316.9#	23.44 PHASE
306	58.84	33.22	615	13.3#	16.53	6.5#	7.23	3.18	1.62	.62	.71 AMP
				139.64	327.39	71.76	24.49	96.11	34.54	288.9#	56.85 PHASE
307	51.88	32.33	615	13.47	16.69	6.25	7.39	3.4#	1.52	.32	.62 AMP
				138.99	328.74	71.88	28.15	185.21	37.82	287.89	65.15 PHASE
308	53.83	34.34	615	13.76	17.8#	6.8#	7.58	3.38	1.55	.21	.58 AMP
				134.25	322.94	61.99	17.71	185.36	26.84	292.6#	26.8# PHASE
309	54.27	34.74	615	13.94	16.99	5.65	7.68	3.26	1.8#	.33	.81 AMP
				128.95	317.53	55.51	6.15	96.9#	14.92	288.89	28.82 PHASE
310	49.15	28.62	615	11.31	13.78	5.11	4.88	2.55	1.68	.7#	.11 AMP
				147.18	332.65	84.94	31.71	88.6#	59.58	198.72	241.4# PHASE
311	51.62	28.53	615	11.48	14.38	5.34	6.19	2.71	1.7#	.83	.21 AMP
				137.73	321.56	71.95	11.39	81.98	38.6#	152.38	132.37 PHASE
312	52.88	27.38	615	11.64	14.49	5.2#	6.44	2.78	1.73	.68	.17 AMP
				137.47	326.25	79.52	22.12	98.8#	59.68	169.13	154.19 PHASE
313	53.94	27.25	615	11.82	14.43	4.59	6.59	2.67	1.47	.45	.85 AMP
				132.41	323.86	73.44	17.82	84.36	54.56	127.76	121.44 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	42.12	66.52	615	13.97	28.7#	11.97	13.25	9.84	12.48	4.68	.58 AMP
				289.73	154.56	292.58	135.82	387.51	175.53	146.27	198.73 PHASE
291	48.49	78.4#	615	18.1#	29.87	18.17	13.36	11.86	16.72	7.23	.41 AMP
				384.95	162.17	289.88	134.89	294.74	174.91	153.26	197.38 PHASE
292	39.63	93.56	615	23.24	27.21	24.13	13.8#	11.45	28.66	2.65	.58 AMP
				313.4#	165.13	282.88	127.32	272.63	163.79	148.27	196.32 PHASE
293	39.36	188.79	615	29.33	42.73	28.3#	14.85	11.65	22.47	18.78	1.21 AMP
				323.79	178.42	286.45	122.36	278.87	168.1#	147.76	288.98 PHASE
294	39.45	118.8#	615	34.8#	47.12	32.94	15.81	18.78	29.19	13.37	1.69 AMP
				329.52	171.2#	282.11	118.27	269.66	166.31	144.56	215.41 PHASE
295	38.7#	131.76	615	48.79	58.32	35.92	14.73	18.38	31.36	15.8#	3.19 AMP
				339.54	174.27	284.6#	114.67	271.14	169.8#	143.64	284.46 PHASE
296	39.64	148.23	615	45.58	54.89	39.55	14.42	18.68	32.87	17.58	4.3# AMP
				347.28	182.76	291.93	128.64	294.88	187.92	163.24	228.12 PHASE
297	41.98	88.24	615	6.79	24.49	14.7#	9.29	9.9#	15.66	3.17	.18 AMP
				275.29	162.81	285.56	123.95	387.51	281.27	175.34	172.82 PHASE
298	42.39	71.76	615	8.74	32.92	21.18	8.83	11.29	17.61	4.12	.46 AMP
				292.29	169.64	279.32	121.87	279.11	195.59	155.59	239.79 PHASE
299	43.51	91.58	615	15.78	43.25	27.23	8.72	12.81	16.65	6.83	1.49 AMP
				325.56	182.38	295.45	134.77	284.67	281.87	177.4#	272.48 PHASE
300	44.74	116.81	616	27.83	52.3#	34.69	11.74	13.97	21.87	8.32	2.49 AMP
				336.94	172.58	273.48	96.59	246.15	164.83	131.81	222.26 PHASE
301	44.74	129.24	614	33.41	56.35	38.68	12.26	12.99	22.69	18.17	3.85 AMP
				345.27	184.74	285.2#	114.89	268.94	174.43	157.87	257.6# PHASE
302	44.4#	137.91	615	41.23	59.22	41.6#	11.6	12.76	26.69	12.39	3.9# AMP
				347.88	188.71	276.18	98.36	251.42	161.63	135.11	232.7# PHASE
306	46.41	188.14	615	22.71	53.96	35.18	8.62	15.87	19.91	6.8#	2.46 AMP
				352.58	188.87	282.41	181.65	252.14	212.94	164.14	248.24 PHASE
307	47.69	115.53	615	29.76	58.82	38.59	18.87	15.83	18.85	7.77	2.9# AMP
				357.29	193.75	283.71	185.76	258.11	289.62	165.5#	252.75 PHASE
308	48.78	126.26	615	39.81	62.61	43.7#	11.85	13.66	28.61	18.46	3.86 AMP
				191.2#	276.81	276.81	94.32	246.69	187.6#	154.19	238.85 PHASE
309	58.11	137.68	615	49.18	66.95	48.58	12.78	13.16	22.81	11.62	4.94 AMP
				188.4#	268.58	268.58	84.81	231.94	175.23	143.31	222.38 PHASE
310	42.54	73.93	615	2.6#	44.84	23.76	4.82	11.17	14.95	1.38	.64 AMP
				336.82	196.93	298.66	156.36	252.59	237.86	257.36	278.79 PHASE
311	47.27	91.38	615	17.42	54.84	38.84	6.83	13.76	21.74	4.87	2.23 AMP
				5.8#	192.61	279.57	188.98	231.54	289.36	165.64	227.96 PHASE
312	49.84	189.48	615	26.66	59.15	35.82	7.65	15.63	23.64	5.82	2.85 AMP
				11.18	288.7#	286.48	188.49	241.75	238.38	183.86	257.52 PHASE
313	51.63	119.35	615	35.85	63.23	39.57	8.19	17.92	21.33	6.81	3.42 AMP
				7.42	288.61	282.18	98.96	234.82	222.86	165.8#	258.24 PHASE

TABLE VI.- Continued

(f) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	5.27	11.24	615	2.85	5.89	2.76	2.86	1.55	1.82	.31	.22
				97.74	288.26	112.82	342.13	125.83	342.67	317.75	37.64
291	4.33	11.83	615	3.86	5.48	2.31	2.85	1.53	1.83	.17	.29
				94.88	284.82	117.18	349.49	128.26	335.49	295.19	61.88
292	3.29	12.89	615	4.72	5.89	1.83	1.99	1.59	.98	.18	.28
				91.12	282.17	128.43	345.79	118.79	321.15	228.27	65.68
293	2.66	13.46	615	5.35	6.86	1.57	2.88	1.64	.83	.14	.32
				91.89	284.28	129.28	346.22	189.83	321.28	289.19	89.85
294	1.96	15.17	615	6.83	6.48	1.78	2.72	2.19	.72	.35	.44
				85.35	288.23	149.66	341.75	188.43	318.49	176.49	76.16
295	.96	15.21	615	7.89	5.96	1.68	2.95	2.64	.26	.43	.58
				88.82	279.48	176.41	344.81	96.83	336.54	186.66	91.34
296	-.17	16.46	615	7.89	5.81	.78	3.91	4.86	.76	.78	.96
				76.37	288.76	198.73	7.96	184.58	187.93	167.72	125.88
297	4.51	18.83	615	2.88	4.39	1.48	2.45	1.35	.71	.28	.38
				123.76	293.76	93.74	336.74	131.81	336.34	211.41	73.12
298	3.71	12.22	615	3.53	5.16	.96	2.47	1.59	.52	.23	.36
				113.51	296.85	118.62	342.87	124.88	329.78	188.45	68.62
299	2.82	13.72	615	4.34	5.92	.71	2.48	1.92	.37	.26	.33
				111.35	384.59	139.62	1.68	141.78	327.61	192.18	89.27
300	1.72	15.89	616	5.47	6.48	.54	2.61	2.42	.17	.26	.53
				98.38	288.92	197.39	347.51	112.39	257.26	161.89	48.18
301	1.18	15.93	614	5.98	6.78	.86	2.79	2.69	.87	.31	.58
				99.23	294.87	221.92	3.61	126.45	178.28	188.42	66.83
302	.56	16.78	615	6.76	6.78	1.38	3.84	2.98	.43	.41	.59
				92.68	286.71	232.44	354.11	187.62	131.81	178.17	32.93
306	1.68	14.82	615	4.78	6.46	1.73	2.88	2.12	.26	.49	.43
				185.44	381.89	237.37	14.58	132.66	193.78	288.86	89.39
307	1.16	14.59	615	5.22	6.61	1.98	2.86	2.29	.32	.51	.42
				183.41	383.16	244.23	19.64	133.63	188.11	288.14	85.48
308	.64	16.36	615	5.91	6.78	2.29	3.26	2.81	.56	.61	.51
				96.32	295.93	239.36	18.17	128.88	155.73	196.68	51.32
309	.83	17.56	615	6.73	6.88	.82	3.75	3.15	.94	.68	.68
				89.33	289.55	237.45	7.15	113.11	142.48	198.55	36.67
310	2.22	12.55	615	4.42	5.79	2.89	2.75	.81	.24	.35	.38
				138.83	383.18	258.85	26.87	163.22	32.56	245.57	181.65
311	1.39	15.28	615	4.88	5.23	2.82	3.22	1.58	.38	.66	.42
				112.33	298.36	248.26	7.97	121.88	144.56	288.91	57.57
312	.96	16.54	615	5.32	6.43	3.32	3.53	2.82	.74	.72	.48
				189.52	383.84	258.32	25.58	141.53	177.98	233.86	86.79
313	.55	16.83	615	5.62	6.61	3.68	3.47	2.28	1.88	.59	.48
				183.81	388.71	246.74	23.59	135.82	174.91	224.77	75.99

TABLE VI.- Continued

(f) Continued

FLAPWISE 37 PERCENT RADIUS

RUN NO 36

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
298	26.92	47.85	615	22.61	23.37	11.84	5.84	2.51	.63	.73	.81	AMP
291	27.95	47.31	615	144.81	333.67	67.72	24.83	139.22	39.38	289.26	243.74	PHASE
292	29.82	47.11	615	23.14	23.82	11.28	4.42	2.38	.68	.79	.88	AMP
293	38.64	47.65	615	143.17	333.81	67.45	27.83	126.77	44.54	282.83	247.67	PHASE
294	31.62	48.19	615	23.84	24.11	11.26	3.83	2.67	.49	.74	.98	AMP
295	32.43	49.84	615	139.75	329.28	62.61	28.65	116.28	68.24	263.61	233.49	PHASE
296	33.14	49.67	615	24.16	24.46	11.46	3.86	2.71	1.46	.72	.81	AMP
297	27.29	48.85	615	139.51	338.17	65.81	26.71	113.23	83.81	267.65	242.69	PHASE
298	29.55	41.85	615	24.45	25.87	11.88	3.32	3.21	.52	.72	1.08	AMP
299	31.49	44.84	615	136.79	326.88	68.55	17.52	114.46	91.36	257.48	234.31	PHASE
300	33.49	44.68	616	24.77	25.86	12.82	2.98	3.35	.65	.77	.96	AMP
301	34.35	46.31	614	136.71	327.37	64.16	24.85	115.37	124.55	259.88	243.38	PHASE
302	35.28	46.65	615	25.18	25.71	11.78	2.46	4.82	.85	.91	1.81	AMP
306	35.64	38.53	615	138.88	333.24	78.48	23.57	137.44	151.51	275.11	268.88	PHASE
307	36.48	38.66	615	19.71	22.96	9.69	4.53	2.18	.51	.67	.68	AMP
308	37.51	48.35	615	143.42	337.14	74.88	31.87	89.25	335.67	283.37	248.13	PHASE
309	38.67	41.28	615	19.61	23.39	18.43	4.54	2.89	.38	.75	.63	AMP
310	35.12	33.47	615	139.58	334.54	71.23	27.88	85.57	321.92	276.75	225.92	PHASE
311	37.24	34.85	615	28.78	24.12	18.82	4.81	2.88	.28	.77	.59	AMP
312	38.48	35.26	615	148.94	348.68	79.81	42.15	111.69	332.88	385.59	254.84	PHASE
313	39.58	34.83	615	21.52	24.56	11.53	4.86	2.88	.14	.76	.56	AMP
				132.93	325.24	56.15	13.42	74.89	258.35	257.55	197.87	PHASE
				22.83	24.97	11.96	4.93	2.52	.78	.47	.78	AMP
				135.64	332.63	68.38	29.95	183.78	268.65	285.99	238.46	PHASE
				22.54	25.84	11.99	4.56	1.99	.33	.81	.47	AMP
				132.41	326.42	58.86	18.59	98.11	233.79	263.68	219.98	PHASE
				18.03	22.81	11.37	4.41	1.75	.68	.82	.34	AMP
				136.86	335.61	71.38	21.87	72.87	248.47	293.37	262.12	PHASE
				18.58	22.29	11.51	4.44	1.78	.67	.75	.33	AMP
				137.21	337.89	72.49	27.33	83.88	242.36	294.88	271.64	PHASE
				19.25	22.76	11.83	4.38	1.57	.75	.75	.27	AMP
				134.86	331.41	63.92	18.14	83.38	227.87	276.45	268.65	PHASE
				19.58	22.86	12.28	4.36	1.46	.86	.86	.23	AMP
				138.62	326.26	58.88	6.86	72.74	219.61	262.25	252.11	PHASE
				14.35	18.74	9.13	2.68	1.83	.68	.78	.12	AMP
				142.45	343.58	85.23	26.63	77.86	264.63	324.96	348.81	PHASE
				15.16	19.89	18.41	3.56	1.88	.88	.69	.24	AMP
				136.48	332.98	71.21	8.26	68.88	217.16	289.89	299.65	PHASE
				15.64	28.86	18.86	3.59	1.83	1.84	.72	.24	AMP
				138.32	338.25	79.67	18.19	75.29	237.56	388.34	341.81	PHASE
				15.95	28.88	18.88	3.55	1.88	1.12	.67	.24	AMP
				135.85	335.49	75.35	14.83	68.37	226.28	297.83	331.57	PHASE

CHORDWISE 37 PERCENT RADIUS

RUN NO 36

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
298	24.41	68.28	615	15.37	17.32	9.48	16.76	15.88	17.77	8.78	2.87	AMP
291	22.69	83.71	615	297.35	151.83	323.57	135.98	297.89	175.69	164.92	235.68	PHASE
292	21.15	99.98	615	18.91	23.92	14.72	17.91	16.98	24.27	12.47	1.97	AMP
293	28.27	113.23	615	389.64	161.82	317.79	133.63	287.88	172.96	167.19	255.77	PHASE
294	19.73	119.92	615	23.22	38.79	19.58	19.76	17.11	38.79	16.49	1.95	AMP
295	18.55	128.57	615	317.14	166.83	318.78	126.27	268.39	162.57	157.85	241.28	PHASE
296	18.74	133.87	615	28.87	35.25	23.17	28.48	17.48	34.31	17.96	2.49	AMP
297	23.81	67.22	615	325.58	171.57	313.16	122.94	273.56	166.79	156.97	239.95	PHASE
298	24.81	71.27	615	31.86	39.28	27.55	21.92	15.95	45.46	22.81	2.76	AMP
299	24.15	86.82	615	338.51	172.46	389.31	119.76	262.95	166.29	152.59	231.82	PHASE
300	24.14	183.78	616	37.48	42.82	38.54	21.99	14.91	49.47	23.31	3.98	AMP
301	23.83	114.79	614	339.32	176.85	318.48	116.97	263.11	178.78	151.88	223.43	PHASE
302	23.86	126.47	615	41.88	47.26	34.34	21.35	15.46	52.84	27.24	5.87	AMP
306	25.94	89.93	615	346.95	184.92	316.73	125.18	283.18	189.72	171.82	231.41	PHASE
307	26.42	98.76	615	8.64	18.76	9.81	11.75	15.14	24.49	6.65	.65	AMP
308	26.72	115.48	615	298.12	158.48	389.87	125.93	383.76	281.62	208.22	289.14	PHASE
309	27.32	122.81	615	18.24	24.98	13.65	11.92	16.52	26.87	6.55	.78	AMP
310	23.86	69.26	615	299.88	167.42	382.18	122.79	279.89	196.87	189.85	243.48	PHASE
311	27.32	82.99	615	15.72	33.33	28.88	13.23	18.51	25.62	9.32	.94	AMP
312	29.13	97.44	615	325.51	182.42	319.68	135.84	286.38	282.52	288.42	298.85	PHASE
313	38.24	186.68	615	24.38	41.26	26.23	17.47	19.66	32.88	12.38	1.98	AMP
				334.72	173.87	298.58	188.55	247.46	165.67	146.24	234.37	PHASE
				29.84	45.83	29.59	18.44	18.81	35.98	14.66	2.33	AMP
				343.18	186.87	318.82	118.27	267.89	184.81	168.35	288.24	PHASE
				35.38	48.22	32.39	19.69	17.41	42.48	17.44	3.36	AMP
				345.36	182.34	381.59	182.85	249.28	163.65	143.16	247.53	PHASE
				18.94	41.67	24.55	12.56	19.21	32.47	8.29	1.15	AMP
				348.72	198.58	385.88	189.82	253.56	213.63	187.19	252.65	PHASE
				24.22	45.57	27.43	14.59	18.95	31.31	18.63	1.31	AMP
				353.56	195.48	386.68	112.32	258.25	218.65	179.38	284.65	PHASE
				31.21	49.88	31.76	17.28	17.18	34.76	14.93	2.28	AMP
				356.68	192.69	299.82	188.58	245.34	189.98	163.95	268.89	PHASE
				38.85	54.24	35.78	18.54	16.14	37.16	16.58	3.29	AMP
				357.32	198.86	291.68	98.84	228.76	178.84	153.24	237.37	PHASE
				3.83	32.74	15.26	7.63	13.25	24.93	5.22	1.86	AMP
				342.22	193.76	326.95	158.88	254.77	241.69	299.31	186.58	PHASE
				13.14	41.83	28.38	8.92	16.88	36.24	4.77	.82	AMP
				1.46	195.25	384.73	112.82	228.53	218.48	288.75	388.39	PHASE
				19.72	45.96	24.25	18.82	18.84	39.88	7.19	1.16	AMP
				7.86	283.84	389.96	114.74	237.71	231.82	288.44	389.74	PHASE
				25.83	49.79	27.59	11.68	28.72	36.72	8.61	1.94	AMP
				5.12	282.94	384.74	185.37	238.41	222.53	174.58	294.33	PHASE

TABLE VI.- Continued

(f) Continued

TORSION 36 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	3.84	8.72	615	2.58	3.47	2.37	1.48	.96	.74	.39	.11 AMP
291	2.92	9.87	615	51.81	257.45	186.88	382.11	78.62	298.95	385.91	319.88 PHASE
292	1.94	9.84	615	3.42	3.61	2.18	1.52	.93	.79	.27	.14 AMP
293	1.37	18.39	615	56.48	265.49	115.83	311.43	72.84	282.78	328.84	355.46 PHASE
294	.75	11.71	615	4.12	3.82	1.91	1.54	.96	.82	.19	.11 AMP
295	-1.19	12.83	615	56.35	264.82	125.81	388.63	63.16	268.84	338.53	4.55 PHASE
296	-1.25	12.44	615	4.61	3.87	1.84	1.59	1.82	.73	.15	.13 AMP
297	3.83	6.68	615	58.22	267.91	136.38	388.96	61.93	267.26	3.77	48.24 PHASE
298	2.27	7.48	615	5.24	4.88	2.29	2.24	1.45	.78	.22	.16 AMP
299	1.48	8.64	615	54.66	264.76	146.68	388.14	63.95	262.28	56.23	28.58 PHASE
300	.37	9.88	616	52.11	264.52	165.94	312.59	3.44	3.16	.48	.19 AMP
301	-1.13	18.83	614	6.29	3.53	2.53	2.55	1.91	.34	.26	.19 AMP
302	-0.76	11.52	615	7.19	3.21	1.97	3.44	3.16	.48	.59	32.68 PHASE
303	-0.76	11.39	615	49.28	277.51	182.81	337.88	61.63	59.26	185.24	69.48 PHASE
304	-0.76	11.39	615	2.81	2.74	1.19	1.95	.72	.46	.85	.23 AMP
305	-1.38	12.16	615	78.49	275.25	181.69	296.79	92.89	279.72	261.56	19.43 PHASE
306	.79	8.28	615	2.74	3.36	1.81	1.98	.91	.33	.85	.28 AMP
307	-0.81	9.92	615	69.15	288.82	128.96	382.56	82.71	268.16	8.74	21.51 PHASE
308	-0.44	11.89	615	3.52	3.91	1.87	1.82	1.22	.38	.12	.15 AMP
309	-0.44	11.89	615	71.62	289.77	158.18	321.75	98.61	258.27	57.28	44.33 PHASE
310	-0.84	11.26	615	4.59	4.28	1.35	1.99	1.71	.28	.12	.26 AMP
311				64.48	275.48	169.28	318.44	78.28	187.85	21.19	348.66 PHASE
312				5.85	4.48	1.66	2.47	2.31	.48	.19	.23 AMP
313				67.24	281.71	187.25	326.94	82.84	187.87	59.82	18.68 PHASE
				5.84	4.39	1.99	2.47	2.31	.19	.19	.28 AMP
				62.97	273.39	189.13	318.34	63.98	127.36	78.58	334.48 PHASE
				4.14	4.53	2.83	2.85	1.45	.29	.28	.25 AMP
				68.81	289.88	283.98	342.16	92.15	157.19	175.96	33.99 PHASE
				4.59	4.68	2.17	2.85	1.62	.32	.28	.23 AMP
				69.25	298.78	288.98	347.28	91.78	154.33	162.81	32.89 PHASE
				5.29	4.68	2.58	2.42	2.18	.49	.27	.28 AMP
				65.21	283.32	283.78	337.71	78.18	138.55	152.98	.19 PHASE
				6.12	4.71	3.88	2.86	2.41	.88	.33	.36 AMP
				61.42	276.82	282.54	335.51	78.45	112.72	168.59	346.38 PHASE
				3.13	4.18	2.15	2.85	.42	.18	.21	.18 AMP
				92.84	297.57	223.53	352.53	131.78	331.71	219.26	42.83 PHASE
				3.91	4.53	2.78	2.32	1.86	.38	.43	.25 AMP
				77.86	287.73	287.94	335.85	79.86	114.34	172.66	352.49 PHASE
				4.47	4.68	3.19	2.58	1.48	.59	.48	.38 AMP
				76.76	293.11	218.68	354.48	181.95	141.56	196.46	23.74 PHASE
				4.85	4.79	3.46	2.56	1.54	.78	.48	.31 AMP
				73.16	289.35	215.89	353.58	95.18	138.36	198.39	19.51 PHASE

TABLE VI.- Continued

(f) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	12.02	55.2#	615	26.39	27.97	13.96	.99	2.49	1.72	1.48	2.95 AMP
				14#51	334.16	53.76	11.54	296.4#	211.98	69.54	231.55 PHASE
291	15.89	54.87	615	27.33	28.71	14.66	.97	2.26	1.46	1.88	2.52 AMP
				138.83	333.86	54.92	355.84	291.19	211.32	87.33	231.12 PHASE
292	17.88	55.63	615	28.29	29.16	15.89	.94	2.23	1.24	2.41	2.41 AMP
				135.82	33#43	51.38	335.32	281.21	28#96	112.8#	228.88 PHASE
293	17.99	57.79	615	28.92	29.71	15.49	.94	2.3#	1.23	.53	2.26 AMP
				135.68	331.4#	54.15	335.89	288.43	216.61	166.48	233.62 PHASE
294	18.91	58.44	615	29.28	3#57	16.33	.92	2.36	1.17	.34	2.8#
				133.21	327.83	49.97	315.17	278.3#	211.15	28#52	223.51 PHASE
295	19.64	59.93	615	29.62	3#55	16.66	.87	2.51	.98	.71	1.51 AMP
				133.13	328.75	53.47	386.62	274.95	223.51	284.7#	233.86 PHASE
296	2#25	68.81	615	3#83	31.53	16.41	1.47	3.21	1.45	1.77	2.24 AMP
				134.4#	334.52	68.68	288.58	287.85	255.75	243.64	243.86 PHASE
297	14.57	51.85	615	23.76	28.17	12.24	1.1#	2.31	1.83	1.89	1.97 AMP
				137.41	338.54	68.81	33.24	3#1.79	186.83	56.7#	227.38 PHASE
298	17.81	58.74	615	24.82	28.9#	13.59	.92	1.9#	1.48	1.43	1.59 AMP
				134.2#	335.81	59.41	9.91	3#1.23	185.22	58.5	222.9# PHASE
299	19.86	53.12	615	25.45	29.96	14.35	.98	1.87	1.23	.86	1.75 AMP
				136.89	342.84	69.93	16.87	321.28	214.39	82.84	244.9# PHASE
3#0	21.25	55.85	615	26.58	3#51	16.81	1.15	1.69	1.28	1.68	1.68 AMP
				128.41	326.46	49.18	329.54	285.57	189.89	187.81	188.28 PHASE
3#1	22.14	57.83	614	27.22	31.83	16.7#	1.15	1.78	1.49	.83	1.25 AMP
				131.43	333.79	62.18	339.93	388.46	287.54	149.15	219.78 PHASE
3#2	22.89	59.27	615	27.96	31.29	17.88	1.86	1.64	1.45	1.35	1.89 AMP
				128.41	327.48	53.69	319.23	283.88	196.62	141.88	197.95 PHASE
3#6	24.14	48.39	615	22.61	27.41	15.82	1.16	1.49	1.38	.57	.81 AMP
				131.52	335.45	64.74	313.63	388.84	217.28	8.84	224.77 PHASE
3#7	25.85	58.17	615	23.35	27.76	16.38	1.14	1.45	1.31	.31	.73 AMP
				131.96	336.81	67.35	315.8#	389.16	219.38	352.42	231.78 PHASE
3#8	26.84	51.94	615	24.33	28.42	17.29	1.86	1.54	1.46	1.85	1.76 AMP
				129.31	331.52	59.94	298.31	299.57	211.11	187.47	281.78 PHASE
3#9	27.27	54.47	615	24.91	28.72	18.22	1.22	1.45	1.61	.13	.94 AMP
				126.19	326.33	54.63	285.83	292.42	284.96	145.81	194.84 PHASE
31#	24.34	48.39	615	17.52	23.47	12.38	1.85	.77	1.35	.76	.87 AMP
				136.25	343.47	77.15	283.29	343.25	231.42	3.44	138.91 PHASE
311	26.62	43.97	615	19.17	24.66	14.48	1.82	1.82	1.33	.84	.82 AMP
				138.51	333.27	64.69	278.93	312.48	285.64	321.79	338.59 PHASE
312	27.91	44.99	615	19.91	24.86	15.48	1.18	1.25	1.73	.86	.96 AMP
				133.81	338.46	73.67	278.9#	338.74	231.2#	335.38	287.94 PHASE
31#	29.15	44.99	615	28.43	24.78	15.77	1.19	1.12	1.28	.63	.81 AMP
				131.15	335.68	78.26	273.45	322.23	225.88	381.94	181.86 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
29#	38.16	66.85	615	14.46	12.5#	8.24	17.2#	17.82	28.1#	12.3#	2.83 AMP
				383.64	153.93	358.72	139.62	294.79	188.48	172.86	241.82 PHASE
291	36.43	79.3#	615	17.67	17.89	12.43	18.69	2#16	27.48	17.81	2.7# AMP
				314.88	166.71	345.25	135.71	283.98	175.86	174.78	267.89 PHASE
292	34.9#	89.2#	615	21.56	23.66	17.82	28.69	28.92	35.23	22.11	2.71 AMP
				321.16	171.34	333.95	126.47	283.86	166.62	165.69	266.46 PHASE
293	33.7#	184.2#	615	25.45	27.59	28.37	21.5#	21.18	23.98	23.87	2.95 AMP
				328.68	176.85	334.19	122.68	287.59	178.31	165.26	265.38 PHASE
294	32.57	115.78	615	28.61	38.94	24.88	22.94	28.8#	52.98	28.93	2.68 AMP
				333.3#	177.31	328.88	119.63	254.42	178.81	162.19	256.23 PHASE
295	38.93	121.73	615	33.77	34.86	28.15	23.46	19.41	57.46	29.78	3.29 AMP
				341.87	188.89	326.91	115.72	252.23	174.53	161.83	245.58 PHASE
296	38.7#	133.38	615	36.85	39.95	32.63	22.82	28.54	68.4#	34.53	4.39 AMP
				349.92	188.74	331.17	122.95	278.96	193.63	181.99	242.77 PHASE
297	37.59	72.37	615	8.42	13.81	6.49	12.16	18.49	29.7#	9.83	.87 AMP
				382.92	162.83	352.64	129.35	382.53	285.56	215.73	193.73 PHASE
298	37.54	74.61	615	9.91	19.85	18.19	12.35	19.97	32.59	9.43	1.4# AMP
				389.73	172.74	335.85	124.94	278.71	288.26	281.36	262.84 PHASE
299	37.44	89.89	615	14.74	26.89	16.92	14.85	22.89	3#79	12.89	.96 AMP
				329.89	187.99	344.73	135.73	285.93	287.51	218.34	349.17 PHASE
3#8	36.87	181.59	615	21.99	32.88	23.1#	18.82	23.51	39.22	16.68	1.55 AMP
				336.95	179.76	321.64	99.83	244.83	178.31	156.18	282.81 PHASE
3#1	36.33	114.12	614	25.68	35.28	26.33	28.11	21.68	42.67	19.31	2.2# AMP
				344.97	191.81	331.63	117.17	263.43	189.88	178.67	332.53 PHASE
3#2	35.59	122.53	615	38.91	39.2#	29.75	21.55	21.89	58.28	22.57	2.6# AMP
				346.61	187.84	322.2#	182.86	242.83	167.75	153.81	292.89 PHASE
3#6	39.69	86.64	615	17.87	34.42	21.15	13.89	22.44	48.43	18.44	.46 AMP
				358.88	196.8#	338.85	189.68	253.39	217.59	199.52	1.38 PHASE
3#7	39.88	97.13	615	21.36	37.82	23.97	16.28	22.85	38.7#	13.19	1.34 AMP
				354.25	28#61	338.36	112.8#	256.95	215.81	189.37	7.74 PHASE
3#8	39.88	112.87	615	27.12	41.68	28.3#	19.41	28.2#	42.69	18.6#	1.61 AMP
				356.62	197.58	321.27	181.69	241.99	194.24	172.34	318.89 PHASE
3#9	48.16	118.8#	615	33.44	45.53	32.14	21.82	19.45	45.5#	28.42	2.13 AMP
				356.39	194.7#	313.18	92.87	223.73	182.71	162.86	273.56 PHASE
31#	38.85	71.87	615	3.5#	27.73	14.38	8.75	15.17	31.78	8.1#	2.18 AMP
				354.8#	286.3#	358.74	158.96	257.11	245.63	387.83	94.24 PHASE
311	41.42	89.84	615	11.8#	35.79	18.36	18.10	18.29	45.63	6.41	1.77 AMP
				3.24	281.84	333.86	114.87	229.33	213.79	228.24	16.98 PHASE
312	42.67	181.45	615	17.1#	39.42	21.57	12.23	28.7#	58.17	8.52	1.7# AMP
				8.14	288.48	336.18	117.92	237.48	234.58	214.69	37.48 PHASE
313	43.26	187.59	615	21.9#	43.86	24.73	13.32	23.83	45.5#	9.79	1.92 AMP
				5.38	287.88	328.67	189.8#	229.58	226.12	184.3#	356.78 PHASE

TABLE VI.- Continued

(f) Continued

TORSION 5# PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
298	.58	6.76	615	2.29	2.58	1.73	.87	.41	.42	.61	.89	AMP
				64.58	276.16	121.64	331.82	83.33	387.84	356.18	269.95	PHASE
291	-1.15	6.65	615	2.95	2.66	1.59	.91	.46	.51	.56	.86	AMP
				66.33	285.25	129.22	338.51	64.36	292.88	6.63	233.94	PHASE
292	-.85	7.36	615	3.48	2.83	1.58	.93	.57	.62	.58	.15	AMP
				64.52	285.54	137.86	333.93	52.75	288.23	4.31	288.81	PHASE
293	-1.26	7.82	615	3.84	2.87	1.49	.96	.68	.58	.48	.22	AMP
				65.18	289.36	147.18	334.26	52.68	276.28	15.68	198.58	PHASE
294	-1.69	8.82	615	4.26	3.81	1.83	1.44	.97	.58	.44	.23	AMP
				68.91	286.54	155.71	334.61	63.33	272.55	28.87	285.95	PHASE
295	-2.37	8.94	615	4.86	2.65	2.87	1.64	1.48	.26	.26	.23	AMP
				58.51	291.63	171.87	336.84	55.14	278.55	52.34	233.55	PHASE
296	-3.17	9.45	615	5.37	2.68	1.75	2.32	2.51	.37	.41	.16	AMP
				54.34	389.93	179.11	3.97	74.17	128.28	115.48	183.19	PHASE
297	-.88	5.82	615	2.86	2.88	.99	1.22	.24	.22	.38	.81	AMP
				75.35	297.38	114.69	328.99	188.43	286.49	7.26	8.74	PHASE
298	-.58	5.76	615	2.66	2.57	.87	1.16	.41	.16	.31	.84	AMP
				73.88	299.65	133.38	327.52	84.76	266.75	7.78	162.63	PHASE
299	-1.21	6.66	615	3.24	2.99	.98	1.11	.67	.24	.34	.87	AMP
				74.71	387.44	154.52	345.75	182.84	256.76	36.45	287.88	PHASE
300	-1.97	7.51	616	3.96	3.28	1.83	1.22	1.82	.34	.35	.83	AMP
				67.87	294.86	162.26	337.86	79.21	199.74	358.61	76.56	PHASE
301	-2.33	8.22	614	4.25	3.36	1.22	1.38	1.31	.33	.39	.85	AMP
				78.79	381.49	182.14	353.22	91.66	212.46	48.57	283.97	PHASE
302	-2.94	8.68	615	4.72	3.36	1.47	1.65	1.66	.46	.29	.15	AMP
				67.83	295.34	185.29	344.55	75.81	167.37	27.47	293.83	PHASE
306	-2.38	7.75	615	3.82	3.56	1.29	1.27	.98	.32	.15	.88	AMP
				78.68	385.94	284.59	18.89	97.18	178.58	313.64	44.72	PHASE
307	-2.65	8.15	615	4.12	3.66	1.38	1.27	1.89	.33	.18	.86	AMP
				71.47	388.87	289.54	14.83	97.49	173.57	335.62	355.96	PHASE
308	-3.88	8.83	615	4.54	3.79	1.58	1.55	1.53	.49	.84	.11	AMP
				68.89	382.13	284.17	4.85	87.67	154.98	263.63	326.44	PHASE
309	-3.41	9.56	615	5.83	3.89	1.95	1.98	1.78	.73	.16	.15	AMP
				65.45	297.23	284.27	1.38	81.86	138.41	251.33	339.87	PHASE
310	-1.92	6.79	615	2.97	3.27	1.48	1.32	.86	.17	.18	.17	AMP
				85.28	316.24	226.43	15.29	68.81	18.74	317.69	45.98	PHASE
311	-2.51	7.85	615	3.61	3.61	1.77	1.44	.69	.38	.31	.23	AMP
				74.14	385.44	212.36	1.83	76.39	134.62	237.89	348.38	PHASE
312	-2.84	8.78	615	4.84	3.78	1.98	1.64	.92	.53	.37	.26	AMP
				75.81	318.64	224.88	21.14	185.17	161.17	257.96	24.72	PHASE
313	-3.13	9.23	615	4.33	3.92	2.14	1.68	1.87	.69	.35	.26	AMP
				72.32	387.24	221.61	21.89	98.33	157.55	259.59	21.39	PHASE

TABLE VI.- Continued

(f) Continued

FLAPWISE 77 PERCENT RADIUS

RUN NO 36

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	-5.13	48.39	615	24.68	24.63	13.32	4.97	4.44	2.27	2.89	3.17
291	-2.68	48.69	615	141.86	331.23	31.26	227.86	296.99	31.97	384.95	33.12
292	-.25	50.68	615	25.18	25.67	13.52	4.49	4.84	1.71	1.99	3.03
293	.77	52.25	615	143.88	332.25	38.14	233.77	287.97	21.38	328.27	31.75
294	1.84	53.34	615	25.95	26.48	13.78	3.87	5.67	1.40	1.70	2.85
295	3.06	54.59	615	142.81	338.11	25.58	228.73	279.15	353.67	326.19	19.45
296	3.69	54.83	615	26.35	27.38	14.13	4.88	5.89	1.33	1.78	2.53
297	-2.95	47.76	615	143.84	331.49	26.98	234.26	279.26	351.75	338.14	37.48
298	-.62	48.56	615	26.96	28.22	14.57	3.74	6.67	1.31	1.43	2.26
299	1.48	50.93	615	142.13	329.12	22.14	227.72	278.99	330.92	333.81	28.95
300	4.26	51.62	616	27.28	28.31	14.68	3.54	7.38	1.59	1.62	1.69
301	5.27	52.63	614	143.38	338.64	25.49	248.66	282.92	319.82	341.98	25.36
302	6.33	54.46	615	27.42	29.63	14.98	3.48	8.58	1.76	2.26	2.67
303	7.06	48.65	615	145.91	337.14	38.82	268.18	384.86	345.63	34.91	46.23
304	8.27	49.98	615	23.45	24.46	18.25	5.75	4.57	1.73	2.11	1.69
305	9.58	58.68	615	139.18	335.81	33.78	218.38	256.58	13.55	259.37	32.38
306	11.88	53.11	615	23.54	25.25	18.68	5.69	5.82	1.14	1.62	1.46
307	7.27	42.58	615	139.88	334.11	32.63	214.86	256.61	5.68	247.33	38.65
308	9.88	46.17	615	24.98	26.58	18.81	5.81	5.24	.94	1.12	1.77
309	11.18	46.49	615	143.28	342.83	42.15	229.69	283.15	15.29	281.31	51.67
310	12.61	46.69	615	25.81	27.18	12.23	5.15	5.51	1.83	1.17	1.73
311				137.23	327.78	23.91	285.87	253.68	337.77	284.92	353.28
312				26.31	27.98	12.33	5.27	6.88	1.86	1.12	1.32
313				141.42	335.55	36.89	221.29	279.18	.41	328.82	23.76
				26.97	28.22	15.81	4.95	6.85	1.14	1.73	1.17
				139.62	329.61	27.65	214.18	267.18	348.31	313.64	352.41
				23.32	24.38	11.85	4.88	5.86	.96	.77	1.88
				139.95	337.82	44.35	284.93	258.61	44.88	178.83	48.83
				23.75	24.83	11.48	4.64	5.26	.98	.55	.66
				141.86	339.54	47.75	218.27	261.94	43.56	156.28	43.64
				24.69	25.59	12.38	4.36	5.83	1.25	.22	.75
				139.47	335.89	41.83	281.88	258.64	32.82	94.78	8.77
				25.87	26.87	13.83	4.86	5.82	1.41	.28	.91
				137.72	338.26	36.48	198.22	251.24	26.72	46.87	.88
				19.44	28.58	7.79	3.77	5.88	1.84	.95	.18
				141.81	346.82	61.68	211.68	254.14	47.54	178.21	293.88
				28.71	21.88	9.57	4.18	5.24	1.18	1.09	.13
				137.93	337.34	49.37	187.93	243.88	18.74	138.22	212.74
				21.34	22.17	18.45	4.13	5.34	1.32	1.84	.13
				141.52	343.38	58.25	197.49	254.62	73.26	157.37	266.19
				21.62	22.85	18.93	4.83	5.38	1.31	.57	.13
				148.44	348.77	56.18	194.84	248.13	36.81	126.43	284.73

CHORDWISE 77 PERCENT RADIUS

RUN NO 36

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	58.13	43.24	615	18.57	14.32	12.82	7.52	18.61	6.57	4.68	1.23
291	52.87	43.77	615	141.98	325.32	31.11	165.93	289.43	169.73	181.44	23.46
292	54.89	58.84	615	137.79	137.71	15.87	7.51	11.92	9.58	5.24	1.78
293	55.11	59.81	615	148.38	328.91	24.88	159.26	278.88	178.81	178.66	18.19
294	55.91	66.58	615	9.81	12.98	14.29	8.17	12.88	12.57	8.32	2.17
295	56.64	69.38	615	134.74	313.11	14.64	144.49	261.41	162.98	163.63	351.82
296	57.54	75.85	615	8.34	12.86	15.29	8.88	13.37	14.48	8.95	1.82
297	58.34	43.61	615	138.12	318.27	13.87	141.87	263.14	166.49	163.67	1.29
298	51.89	43.32	615	8.88	12.97	16.77	8.77	13.33	28.24	11.84	1.87
299	53.65	45.93	615	124.55	384.72	5.43	136.83	254.57	167.49	168.34	354.81
300	56.18	55.75	616	7.45	12.37	17.17	8.14	13.46	22.25	18.88	1.69
301	57.38	63.46	614	113.93	381.63	5.67	131.78	255.55	172.78	161.22	352.84
302	58.49	64.81	615	7.47	12.62	18.11	7.22	14.36	23.62	12.43	1.69
303	57.48	48.34	615	187.36	382.85	7.44	136.48	275.68	191.97	177.58	22.11
304	58.99	53.28	615	11.29	13.69	9.84	5.91	18.54	18.97	5.67	1.88
305	61.13	57.32	615	136.83	329.81	34.12	171.38	282.82	281.88	221.88	64.42
306	68.13	63.86	615	18.76	13.13	18.94	6.83	11.73	12.49	5.14	1.17
307	57.56	48.54	615	134.49	322.14	25.48	165.84	266.83	196.28	287.87	44.54
308	59.89	44.16	615	18.26	12.85	12.81	6.64	12.75	11.89	5.99	1.81
309	57.86	63.86	615	133.59	322.74	27.66	172.22	278.87	284.34	213.17	58.99
310	59.98	58.24	615	9.88	12.58	15.55	7.35	13.55	15.38	6.68	1.94
311	61.47	51.38	615	116.42	299.38	3.76	126.85	238.93	167.85	157.18	346.61
312				8.86	13.17	16.42	8.81	13.88	16.83	7.57	2.89
313				115.51	383.38	13.15	141.18	259.16	185.88	178.88	16.71
				8.36	13.41	17.72	8.89	12.65	28.87	8.24	2.11
				186.85	293.62	2.43	122.72	248.88	163.58	153.83	348.78
				9.11	11.58	14.81	6.89	12.73	16.26	4.72	1.37
				117.88	299.65	19.59	141.97	244.99	212.86	195.26	47.87
				8.61	12.18	14.83	6.88	12.64	15.61	5.59	1.68
				112.37	297.22	19.55	139.28	258.12	218.29	183.35	42.67
				8.59	12.75	16.41	7.82	11.68	17.86	7.45	1.75
				182.45	289.38	9.41	121.88	237.11	189.81	166.36	11.84
				8.38	13.41	17.68	8.61	11.15	18.39	7.98	1.83
				88.87	288.69	1.22	184.35	220.59	177.41	155.22	358.81
				9.99	18.88	18.82	5.28	9.78	12.86	3.46	1.26
				132.13	387.18	48.78	179.83	258.76	243.85	296.61	86.28
				9.32	11.82	12.68	5.54	18.91	18.44	2.93	1.34
				117.82	288.85	22.94	143.15	226.68	289.85	214.14	31.95
				8.88	11.46	13.73	6.81	11.92	20.43	3.52	1.44
				113.76	298.81	27.43	144.58	234.85	238.87	283.74	58.88
				8.32	12.85	14.29	6.21	13.11	18.92	3.88	1.48
				185.24	282.46	28.28	134.77	226.47	221.68	174.34	31.18

TABLE VI.- Continued

(f) Concluded

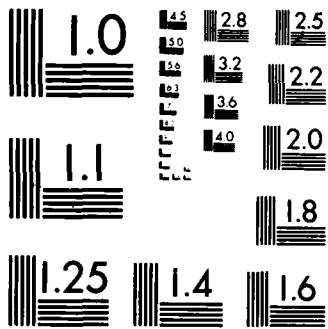
TORSION 75 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	-2.76	3.46	615	2.15	.47	.59	.45	.28	.34	.38	.14
				136.22	215.79	179.43	69.45	19.92	283.64	34.88	98.28
291	-3.86	4.81	615	2.41	.37	.54	.49	.59	.36	.46	.89
				124.49	241.44	186.38	67.94	11.94	196.18	38.77	133.82
292	-3.37	4.24	615	2.66	.43	.58	.47	.54	.35	.49	.89
				114.75	258.42	198.31	68.84	2.85	191.34	15.18	194.84
293	-3.53	4.65	615	2.82	.47	.63	.46	.64	.48	.51	.13
				111.73	266.78	194.98	67.84	2.58	184.88	18.37	288.87
294	-3.63	5.24	615	2.92	.67	.81	.54	.88	.38	.56	.22
				105.85	265.28	186.39	48.34	11.84	182.59	17.84	235.38
295	-3.81	5.34	615	3.18	.64	.98	.47	1.13	.48	.51	.38
				103.35	273.44	194.55	48.78	15.18	149.42	22.56	252.52
296	-4.15	5.92	615	3.18	.74	.63	.95	1.55	.68	.38	.34
				108.67	388.51	181.55	59.26	46.35	146.17	48.61	277.32
297	-3.84	3.99	615	2.36	.24	.42	.39	.32	.32	.44	.11
				137.55	279.48	196.27	33.37	348.36	193.89	37.61	311.48
298	-3.24	4.35	615	2.54	.51	.56	.44	.44	.28	.41	.11
				124.63	295.28	284.32	38.98	2.88	174.71	28.78	282.58
299	-3.55	4.78	615	2.74	.69	.57	.47	.51	.34	.45	.89
				118.46	388.53	213.32	52.16	38.82	184.86	35.55	297.82
300	-3.92	5.38	616	3.85	.82	.77	.58	.63	.45	.44	.14
				185.22	286.15	194.97	36.83	9.85	141.88	352.21	255.88
301	-4.87	5.77	614	3.18	.88	.83	.58	.84	.47	.45	.19
				186.24	292.21	286.36	49.25	33.48	162.11	24.47	278.62
302	-4.28	5.84	615	3.39	.93	.94	.66	1.85	.58	.39	.23
				188.47	285.93	197.86	34.96	28.97	135.95	5.89	258.89
306	-4.12	5.49	615	3.15	1.28	1.86	.51	.64	.42	.38	.32
				187.94	386.49	218.28	51.23	35.91	137.66	357.66	296.72
307	-4.31	5.61	615	3.33	1.23	1.86	.51	.77	.44	.38	.38
				186.28	389.88	222.25	55.15	42.23	141.91	5.37	297.95
308	-4.46	6.81	615	3.54	1.32	1.12	.57	.99	.53	.26	.34
				188.16	381.68	213.28	39.61	38.75	127.82	353.27	273.38
309	-4.63	6.42	615	3.79	1.48	1.28	.68	1.12	.64	.21	.32
				95.86	297.81	287.29	38.13	32.65	112.57	326.81	267.85
310	-4.82	5.18	615	3.82	1.27	1.85	.42	.25	.86	.26	.33
				121.89	326.81	233.87	39.76	14.74	183.82	345.67	333.19
311	-4.26	5.69	615	3.28	1.48	1.25	.42	.63	.33	.19	.48
				187.81	318.68	217.24	31.98	28.65	118.41	289.51	286.55
312	-4.41	6.88	615	3.48	1.59	1.95	.51	.75	.48	.19	.49
				185.27	314.82	225.87	49.49	53.45	136.91	296.83	313.68
313	-4.54	6.13	615	3.63	1.69	1.44	.54	.89	.55	.24	.44
				188.68	311.28	221.24	54.87	48.87	138.26	285.89	386.13

PITCH LINK											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	-2.76	14.55	615	4.83	5.73	3.86	2.87	1.57	.79	.23	.31
				298.88	96.41	253.51	161.37	299.79	158.88	77.86	218.43
291	-2.31	15.55	615	4.89	6.49	2.44	1.86	1.82	.89	.38	.43
				283.87	181.41	252.37	171.69	293.87	146.83	65.85	231.53
292	-1.57	16.81	615	5.79	6.98	1.98	1.87	2.88	.67	.47	.64
				277.17	98.11	245.24	171.18	284.32	136.94	32.88	287.82
293	-1.87	18.28	615	8.53	7.27	1.74	1.83	2.12	.88	.68	.88
				278.53	99.85	241.47	168.25	288.59	139.34	29.25	215.28
294	-5.2	28.88	615	7.32	7.68	1.89	2.45	2.59	.34	.71	.88
				273.62	96.12	247.84	164.88	278.91	158.58	6.67	288.82
295	.28	18.73	615	8.17	7.27	.41	2.84	3.23	.38	.64	.81
				267.68	95.38	252.29	163.58	267.44	383.49	15.89	228.57
296	1.87	28.98	615	8.89	7.24	.91	3.79	4.58	.69	.69	1.17
				265.18	183.28	188.84	182.49	277.91	384.18	334.59	264.94
297	-1.71	14.42	615	4.39	5.21	2.16	2.83	1.28	.47	.54	.48
				313.91	186.97	228.33	154.79	296.18	156.48	3.81	242.43
298	-1.38	15.46	615	4.77	6.16	1.53	2.25	1.62	.47	.57	.42
				297.88	189.58	227.11	164.28	291.86	132.18	349.78	197.98
299	-.69	18.44	615	5.68	6.98	1.21	2.42	2.84	.35	.69	.52
				297.55	117.84	229.39	185.28	318.18	136.85	28.82	225.16
300	.86	19.89	616	6.91	7.69	.98	2.73	2.48	.89	.65	.64
				286.67	182.77	166.82	168.22	277.44	33.89	345.97	178.86
301	.43	21.18	614	7.38	7.91	.73	3.85	2.89	.24	.75	.88
				288.81	189.34	151.25	182.81	291.78	314.73	21.42	288.18
302	.76	21.83	615	8.82	8.14	1.16	3.36	3.25	.68	.62	.82
				282.15	181.55	117.88	171.52	273.92	387.86	7.76	187.51
305	.46	17.95	615	6.88	7.16	.87	3.81	2.84	.89	.61	.88
				298.63	117.54	113.13	192.57	388.34	12.18	23.73	255.94
306	.62	17.95	615	6.39	7.47	1.89	3.83	2.21	.45	.93	.57
				293.97	113.92	99.88	188.86	298.23	353.67	8.15	238.66
307	.81	19.16	615	6.78	7.69	1.29	3.15	2.48	.65	.92	.68
				292.83	115.63	98.78	191.48	291.81	342.19	18.42	236.64
308	1.84	28.38	615	7.28	7.96	1.69	3.69	3.88	.99	.92	.75
				286.86	118.23	82.46	182.83	281.88	324.69	6.74	216.54
309	1.39	22.87	515	8.84	8.18	2.45	4.18	3.27	1.34	.84	.59
				288.38	184.23	72.78	178.37	273.63	312.81	358.98	283.63
310	.79	16.81	615	6.29	6.66	1.81	2.88	.89	.89	.42	.52
				318.13	117.48	187.88	281.97	381.72	256.84	48.89	262.92
311	1.17	18.19	615	5.66	7.89	2.33	3.64	1.83	.77	.66	.66
				298.78	188.57	77.16	188.88	275.74	318.79	9.89	226.16
312	1.48	19.65	615	7.84	7.32	2.79	3.95	2.15	1.11	.76	.68
				295.21	114.88	83.39	197.18	293.41	339.85	25.97	256.95
313	1.65	21.35	615	7.52	7.51	3.18	3.98	2.48	1.33	.71	.61
				298.57	112.18	78.89	192.13	288.29	337.62	18.23	243.18

TABLE VI.- Continued

(g) $\mu = 0.40$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CO/SIGMA
319	1.4	4.4	2.2	.03672	.00249	.00187
320	.9	5.6	4.2	.05008	.00222	.00227
321	.7	6.6	6.1	.06351	.00195	.00290
322	.4	7.8	8.1	.07544	.00141	.00384
323	1.3	4.3	4.2	.02675	.00003	.00267
324	.9	5.4	6.1	.04004	-.00129	.00347
325	.6	6.6	8.2	.05419	-.00284	.00444
326	.2	7.2	9.1	.05942	-.00354	.00502
327	1.1	4.5	6.1	.01782	-.00017	.00282
328	.6	5.6	8.1	.03129	-.00263	.00403
329	.2	6.8	10.2	.04422	-.00509	.00552
330	-.1	7.8	11.2	.05041	-.00627	.00626
331	-.4	7.9	12.1	.05692	-.00779	.00700



MICROCOPY RESOLUTION TEST CHART
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TABLE VI.- Continued

(g) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO		37										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	43.91	48.14	642	16.74	16.86	5.39	6.72	3.18	1.23	2.46	2.26	AMP
				145.37	328.45	57.92	36.12	113.66	65.43	246.99	53.63	PHASE
320	45.91	39.49	642	17.37	17.76	5.48	6.73	2.68	1.51	1.98	2.37	AMP
				141.62	325.71	55.25	35.28	96.39	68.55	259.25	48.46	PHASE
321	47.78	48.61	642	17.78	18.68	5.47	6.53	3.85	2.11	1.62	2.29	AMP
				141.58	329.24	64.85	42.88	118.72	78.36	385.92	55.57	PHASE
322	49.38	39.54	642	17.91	19.28	5.12	5.45	4.51	2.41	1.71	1.97	AMP
				137.54	329.88	68.36	36.68	181.89	81.88	321.24	59.76	PHASE
323	44.73	32.99	642	14.35	15.79	4.38	5.54	2.56	1.25	2.41	1.36	AMP
				146.24	331.53	54.44	36.19	54.93	351.96	268.22	48.16	PHASE
324	46.65	33.42	642	14.96	16.59	4.83	5.86	3.82	1.28	2.48	1.33	AMP
				144.88	333.88	54.55	41.11	54.94	1.75	267.24	48.35	PHASE
325	48.88	34.84	642	15.34	17.45	4.28	6.85	2.75	1.47	2.71	1.41	AMP
				144.85	338.28	56.61	58.81	78.12	35.25	313.26	72.53	PHASE
326	49.69	35.87	642	15.63	17.66	3.84	6.85	2.57	1.72	3.81	1.24	AMP
				137.59	327.25	36.59	38.65	54.47	14.87	282.79	35.16	PHASE
327	45.58	24.73	642	12.36	13.69	3.24	4.43	3.86	1.19	.97	.77	AMP
				151.65	338.84	54.36	58.62	38.52	351.99	281.24	81.62	PHASE
328	47.67	25.41	642	12.88	14.61	3.38	4.86	3.56	.92	1.84	.92	AMP
				143.59	338.96	55.72	58.89	38.88	4.76	381.57	66.55	PHASE
329	49.82	27.61	642	13.23	15.47	3.82	5.41	3.16	.84	1.22	.78	AMP
				144.51	337.52	53.46	43.38	29.47	2.83	312.68	72.97	PHASE
330	58.92	28.82	642	13.55	15.96	2.87	5.63	2.99	.97	1.19	.98	AMP
				141.33	334.94	47.96	38.83	22.69	358.36	314.21	67.59	PHASE
331	52.83	28.55	642	13.59	16.28	2.86	5.74	2.78	.97	1.17	.81	AMP
				137.17	338.57	42.56	38.88	25.19	358.58	312.16	58.47	PHASE

CHORDWISE 25 PERCENT RADIUS												
RUN NO		37										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	57.75	78.88	642	25.51	24.24	18.83	18.83	9.22	18.24	3.15	.62	AMP
				288.67	155.55	283.78	83.84	248.74	125.36	85.56	271.18	PHASE
320	55.91	91.29	642	31.68	33.55	16.38	15.28	18.31	23.13	3.39	.98	AMP
				388.95	158.88	287.18	79.73	222.51	117.95	99.38	227.18	PHASE
321	53.96	184.76	642	39.88	48.88	21.28	12.74	12.83	31.59	6.82	1.87	AMP
				328.47	171.81	297.15	81.95	226.83	136.14	128.75	228.78	PHASE
322	53.59	117.32	642	51.62	47.57	26.62	11.89	13.44	35.48	9.48	2.37	AMP
				335.24	177.28	294.73	68.11	215.89	141.45	117.85	176.63	PHASE
323	58.79	67.88	642	17.49	24.43	18.27	15.88	11.25	16.69	1.93	.58	AMP
				287.43	162.84	277.28	76.79	248.56	122.83	353.48	254.25	PHASE
324	59.88	82.82	642	25.14	33.37	14.76	13.52	14.15	18.93	1.47	1.27	AMP
				385.23	169.95	298.77	76.54	225.58	121.35	354.85	241.38	PHASE
325	68.55	96.48	642	35.87	41.75	28.82	11.68	14.77	25.84	1.61	1.72	AMP
				329.11	184.85	299.48	82.66	239.37	144.85	93.85	281.56	PHASE
326	68.92	189.47	642	41.86	46.82	22.88	11.54	15.95	27.38	2.28	1.92	AMP
				326.88	177.94	279.44	58.88	218.31	117.69	78.43	233.37	PHASE
327	58.14	62.72	642	11.82	25.35	9.96	13.49	11.52	13.12	2.53	.23	AMP
				272.45	183.12	269.68	93.88	255.63	158.92	327.86	246.17	PHASE
328	61.43	71.53	642	16.77	34.26	13.95	11.49	18.86	15.16	2.25	.95	AMP
				303.86	185.89	284.12	78.73	226.69	148.55	319.65	236.42	PHASE
329	64.39	181.17	642	23.88	43.88	19.34	13.15	21.36	21.33	.72	1.54	AMP
				323.74	193.88	288.81	64.88	222.13	144.84	17.88	244.25	PHASE
330	65.85	116.68	642	34.91	49.11	22.78	13.58	21.77	23.27	.72	2.81	AMP
				334.85	193.66	275.64	58.63	217.78	139.32	99.28	236.71	PHASE
331	66.73	124.63	642	42.64	54.85	26.96	13.36	28.61	24.81	1.68	2.38	AMP
				348.11	193.28	271.89	56.18	288.96	131.89	126.77	228.16	PHASE

TABLE VI.- Continued

(g) Continued

TORSION 20 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	4.91	10.41	642	3.12	3.88	2.57	1.28	1.82	1.89	.85	.34
				102.12	269.73	57.16	293.65	87.25	292.23	199.77	340.80
320	3.63	11.03	642	4.37	4.35	2.16	1.01	1.95	1.13	.87	.34
				99.51	273.13	48.11	291.52	79.81	270.51	338.29	347.44
321	2.89	13.02	642	5.75	4.63	1.55	1.12	2.48	1.13	.23	.44
				96.23	278.22	60.96	280.42	75.54	272.87	87.81	200.35
322	-1.14	15.60	642	7.72	4.51	1.36	1.39	3.63	.47	.83	.49
				82.71	281.63	9.06	302.80	63.32	256.74	92.36	54.39
323	4.10	9.80	642	3.26	3.24	2.12	1.14	1.51	.71	.16	.34
				126.29	293.81	18.18	274.04	109.74	286.60	99.73	338.90
324	3.24	10.42	642	4.03	3.83	2.01	.79	1.69	.60	.11	.39
				121.74	299.92	5.72	275.10	110.17	264.44	53.94	347.67
325	1.94	10.67	642	5.14	4.38	1.90	.60	1.85	.48	.33	.57
				117.24	300.31	358.80	263.64	107.95	256.44	75.60	22.14
326	1.31	11.73	642	5.69	4.62	2.14	.50	2.05	.43	.40	.61
				109.00	296.25	333.24	242.25	79.90	198.25	35.29	344.83
327	3.92	8.66	642	3.20	3.54	1.75	.67	1.44	.70	.04	.16
				139.11	306.56	358.53	288.70	134.82	324.28	139.56	32.27
328	2.93	9.13	642	3.82	4.22	1.80	.11	1.44	.38	.18	.24
				130.88	309.77	332.44	301.36	126.37	278.67	83.86	21.73
329	1.90	10.42	642	4.42	4.78	2.12	.19	1.85	.35	.31	.45
				122.88	312.45	310.66	67.61	114.48	253.94	97.24	7.92
330	1.39	11.40	642	4.91	4.90	2.39	.23	2.00	.27	.36	.52
				119.12	310.92	300.77	61.50	109.19	228.85	90.85	2.44
331	.79	11.02	642	5.42	5.27	2.58	.35	2.05	.18	.39	.60
				112.02	307.52	286.84	42.62	99.88	173.59	84.17	356.89

TABLE VI.- Continued

(g) Continued

FLAPWISE 37 PERCENT RADIUS

RUN NO 37

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	27.12	42.30	642	22.99	20.79	6.63	4.62	.53	.49	.70	1.06	AMP
				142.50	332.34	48.65	27.57	131.46	66.51	204.00	226.25	PHASE
320	20.77	43.55	642	24.27	22.14	7.11	4.29	.26	.53	.55	1.13	AMP
				139.15	329.23	48.02	20.32	83.55	70.52	265.76	214.69	PHASE
321	30.30	45.29	642	25.24	23.42	7.56	3.95	1.09	.07	.55	1.11	AMP
				139.71	332.36	57.89	36.57	110.49	106.87	272.19	232.90	PHASE
322	31.96	46.19	642	25.90	24.62	7.74	2.77	1.56	1.13	.67	1.10	AMP
				136.94	331.66	58.97	33.76	108.41	122.02	260.36	230.04	PHASE
323	20.00	36.50	642	19.54	19.98	5.03	4.04	1.65	.15	.53	.74	AMP
				140.53	336.78	57.04	31.16	20.67	314.45	260.81	220.21	PHASE
324	30.53	30.41	642	20.72	21.09	5.95	4.07	2.05	.20	.64	.63	AMP
				139.40	337.71	59.65	36.61	19.47	345.86	273.82	220.00	PHASE
325	32.53	40.24	642	21.07	22.17	6.62	4.02	1.69	.29	.55	.59	AMP
				140.31	342.60	66.03	49.30	42.65	75.52	314.05	247.20	PHASE
326	33.31	40.94	642	22.36	22.59	6.59	4.03	1.59	.20	.57	.57	AMP
				134.04	331.60	49.29	29.37	14.68	54.71	279.54	203.54	PHASE
327	30.71	31.54	642	16.38	17.44	5.07	3.00	2.47	.44	.60	.39	AMP
				143.46	346.24	65.40	54.01	16.55	251.14	302.01	249.51	PHASE
328	32.69	33.04	542	17.33	18.02	5.00	3.28	2.02	.37	.66	.40	AMP
				141.73	345.40	67.91	40.78	15.59	233.96	293.41	245.36	PHASE
329	34.50	35.51	642	18.42	20.10	6.20	3.49	2.53	.42	.59	.37	AMP
				138.91	343.60	66.30	41.02	0.26	180.74	291.56	242.05	PHASE
330	35.43	36.10	642	19.01	20.01	6.42	3.62	2.52	.45	.62	.39	AMP
				136.99	340.00	61.98	30.04	359.01	102.31	202.32	234.14	PHASE
331	36.46	36.54	642	19.36	21.24	6.92	3.66	2.25	.52	.50	.37	AMP
				134.20	336.67	57.27	30.56	356.20	165.46	273.32	227.74	PHASE

CHORDWISE 37 PERCENT RADIUS

RUN NO 37

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	30.46	07.06	642	25.12	19.95	9.05	23.00	16.49	27.02	4.40	2.22	AMP
				297.74	156.50	313.00	03.23	252.25	120.05	100.00	200.00	PHASE
320	36.33	104.12	642	30.40	27.43	14.65	22.14	17.10	35.23	5.10	3.12	AMP
				307.76	162.26	315.77	00.90	234.46	115.03	115.04	202.66	PHASE
321	33.01	116.25	642	37.01	33.01	19.97	19.52	19.00	49.64	0.77	3.56	AMP
				323.05	175.29	326.42	06.47	234.01	133.75	125.40	216.66	PHASE
322	31.95	133.65	642	47.23	42.52	25.44	17.04	20.71	55.16	13.35	4.43	AMP
				336.99	101.95	323.57	77.30	223.10	140.56	119.72	200.05	PHASE
323	39.22	77.21	642	17.34	10.70	6.27	19.65	10.04	24.94	2.54	.14	AMP
				296.47	162.46	303.75	76.16	255.95	120.94	320.02	272.00	PHASE
324	39.76	95.37	642	23.65	25.06	11.36	19.19	20.00	20.60	1.91	1.35	AMP
				309.50	171.05	316.34	77.94	239.40	110.50	300.00	226.10	PHASE
325	39.25	111.90	642	31.60	33.50	16.67	17.20	20.70	40.01	1.51	1.70	AMP
				329.69	100.54	329.73	07.49	251.31	141.76	40.41	264.50	PHASE
326	39.05	120.74	642	36.19	37.47	10.60	17.35	22.01	43.31	2.23	2.27	AMP
				327.25	101.05	309.72	64.43	221.22	114.92	47.49	219.35	PHASE
327	30.32	66.03	642	10.31	10.03	3.03	17.04	17.00	20.30	5.30	.43	AMP
				290.39	106.73	290.40	93.55	260.37	152.30	315.06	92.00	PHASE
328	40.63	74.73	642	15.45	25.92	7.92	16.33	23.75	23.07	5.79	.02	AMP
				311.22	109.71	309.76	01.40	237.39	149.45	301.37	201.97	PHASE
329	42.70	102.03	642	24.93	34.07	12.39	10.30	27.19	33.00	2.61	1.34	AMP
				320.59	196.52	306.94	69.33	229.90	141.06	320.45	254.99	PHASE
330	43.30	110.79	642	29.50	30.00	14.96	10.91	27.96	37.73	1.30	1.50	AMP
				333.90	197.49	302.71	65.13	225.63	137.35	300.12	246.70	PHASE
331	43.43	122.03	642	35.05	43.60	10.53	10.67	26.42	41.05	1.00	1.95	AMP
				330.49	196.73	290.06	62.03	216.10	130.15	156.22	227.01	PHASE

TABLE VI.- Continued

(g) Continued

TORSION 36 PERCENT RADIUS												
RUN NO		37										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	3.42	7.42	642	2.71	2.58	1.97	1.28	1.29	.83	.15	.28	AMP
				54.81	242.48	49.85	258.82	44.92	246.17	321.83	265.16	PHASE
320	2.24	7.83	642	3.55	2.55	1.46	1.88	1.39	.89	.17	.22	AMP
				68.34	258.91	47.37	258.92	41.86	229.49	387.91	282.47	PHASE
321	.91	8.84	642	4.59	2.58	.81	1.16	1.73	.94	.23	.38	AMP
				63.18	268.14	74.88	252.34	35.48	237.28	18.61	315.93	PHASE
322	-1.83	9.98	642	6.46	2.81	.23	1.39	2.59	.34	.61	.35	AMP
				54.88	272.78	217.65	281.48	22.12	259.86	48.28	339.44	PHASE
323	2.65	5.98	642	2.18	1.88	1.32	1.29	1.88	.48	.18	.21	AMP
				76.89	275.75	5.45	235.43	75.72	232.58	352.88	281.84	PHASE
324	1.72	6.96	642	2.85	2.21	1.14	1.87	1.17	.44	.19	.27	AMP
				78.88	285.42	349.89	237.22	76.89	287.95	334.88	293.18	PHASE
325	.64	7.96	642	3.81	2.57	.88	.92	1.34	.44	.37	.36	AMP
				81.41	298.68	326.59	243.88	72.34	289.91	26.29	313.99	PHASE
326	-.85	8.47	642	4.32	2.72	1.88	.83	1.54	.48	.45	.39	AMP
				75.51	287.62	294.48	228.25	43.49	164.31	349.81	274.21	PHASE
327	2.37	5.44	642	1.92	2.16	.95	.91	1.87	.49	.11	.18	AMP
				86.21	295.31	334.56	252.14	184.85	279.51	324.49	323.83	PHASE
328	1.39	6.87	642	2.62	2.73	1.18	.48	1.86	.23	.15	.16	AMP
				84.78	298.23	296.29	243.78	94.88	228.77	323.62	319.99	PHASE
329	.36	7.29	642	3.32	3.11	1.39	.23	1.36	.23	.19	.27	AMP
				81.37	381.38	272.38	242.89	79.48	198.52	11.88	383.41	PHASE
330	-1.17	8.43	642	3.79	3.31	1.63	.21	1.52	.28	.24	.29	AMP
				88.38	388.58	263.12	247.95	73.77	177.57	12.32	293.44	PHASE
331	-.73	8.91	642	4.34	3.53	1.86	1.28	1.56	.15	.27	.38	AMP
				76.88	297.28	247.82	274.37	62.85	135.81	8.48	289.38	PHASE

TABLE VI.- Continued

(g) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	13.92	53.49	642	27.82	25.25	9.36	1.85	2.38	1.47	2.13	2.48 AMP
				137.73	332.82	36.29	24.38	292.26	227.88	76.57	222.88 PHASE
320	15.59	55.86	642	29.65	27.81	18.84	.91	2.22	1.39	1.88	2.34 AMP
				134.64	338.18	36.31	13.98	281.59	223.65	87.18	211.31 PHASE
321	17.88	56.61	642	31.19	28.88	18.92	.96	2.44	1.39	1.59	2.19 AMP
				135.69	333.65	46.85	11.81	283.57	241.69	126.32	226.16 PHASE
322	18.53	58.89	642	31.93	38.62	11.47	.63	2.69	1.32	1.61	1.87 AMP
				133.82	332.68	47.65	314.15	271.45	249.21	142.81	231.79 PHASE
323	16.12	47.66	642	24.28	24.87	8.82	1.12	1.66	1.88	2.86	1.24 AMP
				134.38	337.86	46.88	28.86	384.11	193.14	77.54	226.15 PHASE
324	17.71	58.61	642	26.88	26.59	8.38	1.13	1.63	.92	2.14	1.16 AMP
				133.49	338.53	58.39	31.71	386.79	283.88	85.29	218.87 PHASE
325	19.65	52.95	642	27.82	28.88	9.51	1.85	1.39	.86	2.47	1.31 AMP
				135.24	343.42	68.46	29.98	313.31	225.42	134.68	249.84 PHASE
326	28.48	52.38	642	28.56	28.65	9.82	1.85	1.36	1.88	2.75	1.14 AMP
				129.27	332.44	45.11	6.78	287.33	285.85	185.89	289.47 PHASE
327	18.78	38.47	642	28.22	21.94	7.16	.54	1.38	.99	.67	.61 AMP
				136.65	345.38	57.87	37.53	329.84	213.29	185.11	255.77 PHASE
328	28.62	48.95	642	21.78	23.66	8.38	.57	1.41	.95	.85	.77 AMP
				134.83	344.33	68.96	9.75	326.58	223.85	129.82	241.22 PHASE
329	22.64	43.88	642	23.57	25.23	9.31	.58	1.36	.86	1.17	.73 AMP
				132.48	342.65	62.38	358.25	318.48	219.15	141.56	248.26 PHASE
330	23.48	45.87	642	24.51	26.18	9.86	.53	1.35	.91	1.19	.85 AMP
				138.87	339.98	59.44	348.76	313.82	211.88	141.97	238.94 PHASE
331	24.57	46.29	642	25.13	26.72	18.86	.62	1.35	.93	1.26	.76 AMP
				128.54	336.88	55.41	335.99	381.91	282.89	136.83	225.85 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	48.45	88.84	642	23.63	15.19	7.71	26.37	28.12	32.87	7.18	3.15 AMP
				385.43	167.84	343.69	84.12	254.48	123.55	118.96	228.69 PHASE
320	46.49	99.52	642	28.85	21.44	13.65	25.25	21.13	48.72	8.88	3.79 AMP
				313.15	171.13	336.44	81.72	236.61	117.59	131.68	217.53 PHASE
321	43.66	122.19	642	35.31	26.82	28.88	22.78	23.68	58.29	12.89	3.27 AMP
				326.72	182.87	341.36	88.48	236.14	136.62	141.76	232.14 PHASE
322	41.51	141.78	642	43.84	35.74	26.56	28.87	27.17	65.95	17.31	3.78 AMP
				338.35	186.84	334.97	88.69	224.86	143.89	134.87	288.41 PHASE
323	49.37	78.97	642	16.38	14.57	4.99	21.91	21.75	29.34	1.75	.58 AMP
				386.57	172.89	348.61	77.47	268.11	125.32	297.88	348.96 PHASE
324	49.52	95.35	642	21.84	28.24	18.45	21.99	23.49	33.86	1.31	1.16 AMP
				315.62	188.96	348.68	88.89	244.12	122.69	241.89	269.92 PHASE
325	48.44	118.18	642	28.76	26.84	16.97	28.14	24.58	48.24	1.34	1.52 AMP
				332.88	196.49	348.36	98.46	254.28	144.78	149.13	326.82 PHASE
326	48.16	126.11	642	32.43	38.24	19.18	28.42	26.88	51.21	3.28	1.62 AMP
				328.99	189.32	328.81	67.92	223.58	118.89	184.59	272.13 PHASE
327	49.29	78.43	642	9.57	15.71	2.45	28.42	28.73	24.92	7.87	1.18 AMP
				388.73	199.23	13.64	95.86	273.64	158.77	312.43	69.63 PHASE
328	51.13	83.34	642	14.57	21.78	7.86	19.18	27.26	27.79	7.59	.59 AMP
				328.83	288.17	348.27	85.83	242.79	156.19	296.21	126.39 PHASE
329	52.31	112.37	642	22.34	28.52	11.68	28.98	38.93	48.91	2.58	.95 AMP
				332.19	284.78	334.68	74.32	233.18	146.58	299.54	328.88 PHASE
330	52.51	122.72	642	26.21	32.62	14.28	21.64	31.82	45.56	1.38	1.28 AMP
				335.35	284.94	328.36	78.37	228.25	141.77	242.88	319.52 PHASE
331	52.28	138.61	642	38.86	35.62	18.88	21.48	38.33	49.79	3.36	1.18 AMP
				339.88	283.51	322.28	67.62	218.28	134.31	164.36	283.27 PHASE

TABLE VI.- Continued

(g) Continued

TORSION % PERCENT RADIUS												
RUN NO		37										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	.11	5.87	642	2.46	1.77	1.58	.94	.57	.35	.48	.21	AMP
				66.81	263.48	68.78	288.22	78.47	268.88	343.28	239.11	PHASE
320	-.75	6.22	642	3.88	1.83	1.31	.98	.69	.47	.51	.12	AMP
				68.82	273.86	68.74	277.44	78.53	258.39	331.89	237.81	PHASE
321	-1.69	7.84	642	3.72	1.78	.98	.95	.97	.56	4.48	.18	AMP
				71.28	287.36	96.88	283.79	56.78	261.33	4.91	278.22	PHASE
322	-3.81	8.24	642	4.68	1.63	.57	1.18	1.69	.14	.44	.18	AMP
				68.73	315.35	144.89	313.19	42.86	21.68	58.78	281.97	PHASE
323	-.38	4.87	642	2.28	1.48	1.88	.92	.51	.28	.36	.89	AMP
				78.35	297.82	38.69	268.18	123.88	226.69	356.82	266.71	PHASE
324	-1.88	5.66	642	2.73	1.71	.97	.85	.62	.28	.38	.89	AMP
				79.28	384.84	31.65	278.82	128.88	193.66	343.45	321.85	PHASE
325	-1.94	6.54	642	3.39	2.83	.59	.78	.68	.33	.46	.17	AMP
				83.85	318.82	31.23	279.57	183.87	218.61	35.79	314.54	PHASE
326	-2.33	6.87	642	3.68	2.13	.45	.65	.81	.31	.49	.23	AMP
				78.36	388.83	358.33	278.59	73.34	167.86	4.99	284.67	PHASE
327	-.68	4.68	642	2.88	1.71	.68	.67	.67	.34	.34	.85	AMP
				81.88	317.18	23.87	286.24	148.38	328.77	356.52	292.65	PHASE
328	-1.29	5.48	642	2.64	2.14	.47	.43	.61	.13	.38	.89	AMP
				81.73	316.45	342.82	283.58	138.13	169.25	342.48	332.88	PHASE
329	-2.86	6.29	642	3.22	2.48	.58	.29	.77	.18	.33	.28	AMP
				79.68	317.17	383.66	291.94	114.91	154.31	353.45	318.72	PHASE
330	-2.46	7.81	642	3.55	2.66	.61	.38	.91	.19	.34	.24	AMP
				79.83	316.44	287.54	296.21	186.78	136.52	358.81	298.63	PHASE
331	-2.85	7.44	642	3.91	2.87	.77	.32	.96	.19	.33	.25	AMP
				77.27	314.85	261.52	388.29	92.27	184.17	1.91	276.14	PHASE

TABLE VI.- Continued

(g) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	-4.15	45.99	642	26.81	22.89	18.66	5.28	1.33	2.31	3.82	2.79	AMP
				139.68	338.38	13.95	218.48	297.81	13.12	282.28	18.98	PHASE
320	-2.11	48.58	642	28.26	25.83	11.81	4.67	1.35	1.88	2.97	2.78	AMP
				138.93	329.88	9.76	217.82	274.46	351.73	282.88	18.17	PHASE
321	-0.88	58.18	642	29.79	27.87	11.82	4.11	2.93	2.18	2.91	2.69	AMP
				141.99	334.78	17.36	227.52	292.88	338.78	385.56	24.11	PHASE
322	1.97	53.47	642	38.44	29.85	12.26	3.69	4.22	2.28	2.74	2.89	AMP
				142.83	335.82	16.84	234.85	282.29	316.57	388.34	38.53	PHASE
323	-1.57	43.27	642	24.12	22.32	7.88	5.25	3.81	1.22	2.78	1.18	AMP
				136.62	332.41	16.89	288.81	218.65	357.98	259.58	34.67	PHASE
324	.11	45.64	642	25.88	24.22	6.95	5.27	3.41	1.98	2.76	1.28	AMP
				138.33	336.87	16.78	212.86	215.24	341.85	266.86	17.86	PHASE
325	2.45	47.38	642	27.31	25.83	7.86	4.98	3.32	1.18	3.85	1.44	AMP
				142.25	342.72	26.31	231.84	249.15	338.52	389.35	48.58	PHASE
326	3.48	48.58	642	28.23	26.37	8.34	4.91	3.12	1.83	3.43	1.26	AMP
				137.17	333.28	18.17	211.96	226.94	312.94	278.95	2.88	PHASE
327	1.28	38.42	642	21.59	19.61	5.19	4.85	4.33	.81	.84	.69	AMP
				139.22	341.79	34.81	223.38	284.48	25.33	272.22	76.87	PHASE
328	3.47	41.39	642	22.96	21.88	6.86	4.12	4.93	.68	.76	.95	AMP
				139.43	342.87	39.12	215.63	285.14	25.44	289.68	57.58	PHASE
329	5.72	44.15	642	24.88	22.83	6.88	4.21	4.38	.72	1.86	.98	AMP
				138.87	343.66	38.15	288.84	285.34	355.39	381.13	55.28	PHASE
330	6.86	44.96	642	25.39	23.74	7.29	4.85	4.11	.99	1.82	1.26	AMP
				137.96	341.55	36.63	285.72	198.99	357.38	386.29	52.38	PHASE
331	8.12	46.15	642	25.92	24.39	8.81	3.64	3.93	.81	1.12	.94	AMP
				136.76	338.18	33.68	281.33	281.78	346.24	385.31	35.68	PHASE

CHORDWISE 77 PERCENT RADIUS												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	64.35	52.69	642	8.19	13.55	9.85	8.24	9.68	11.93	1.36	.96	AMP
				131.97	312.23	16.62	99.85	255.62	118.34	147.89	2.41	PHASE
320	66.39	45.28	642	7.34	13.79	18.81	8.42	18.29	14.88	2.38	1.15	AMP
				124.62	385.22	5.97	95.22	237.98	187.84	159.88	336.95	PHASE
321	68.21	52.76	642	6.92	14.22	13.38	7.67	12.25	21.38	3.26	1.58	AMP
				116.58	387.42	8.73	183.62	242.46	129.32	155.53	357.31	PHASE
322	69.87	64.19	642	6.47	14.87	15.23	6.49	14.45	24.76	4.58	1.81	AMP
				91.89	381.62	2.42	94.13	232.91	139.58	141.89	1.88	PHASE
323	65.57	42.99	642	8.46	13.16	6.62	6.52	18.72	11.83	2.39	1.43	AMP
				124.89	315.88	23.22	98.53	247.57	116.78	256.95	26.36	PHASE
324	66.68	41.16	642	7.87	13.43	8.88	6.85	11.93	12.43	2.27	1.22	AMP
				122.82	314.88	13.43	181.73	235.13	115.13	246.64	.87	PHASE
325	68.88	47.46	642	7.13	13.94	18.78	6.18	12.86	18.71	1.62	1.92	AMP
				112.85	314.34	17.25	111.83	247.98	137.78	287.28	24.84	PHASE
326	78.28	51.84	642	6.92	14.11	11.68	6.15	13.37	19.98	1.71	1.71	AMP
				182.81	381.31	357.57	87.38	218.41	111.11	252.88	335.41	PHASE
327	68.33	38.26	642	8.62	11.98	5.12	6.26	9.98	9.53	3.43	1.48	AMP
				125.13	316.32	44.78	111.72	253.58	153.24	296.91	65.67	PHASE
328	69.28	48.91	642	7.77	12.88	6.83	6.83	13.74	18.78	3.74	1.36	AMP
				119.55	311.21	34.21	184.96	238.52	151.89	286.43	62.31	PHASE
329	78.75	47.87	642	7.85	12.76	8.43	6.41	15.18	16.88	1.72	1.41	AMP
				187.99	385.82	22.68	93.97	222.18	148.18	297.73	24.69	PHASE
330	72.81	49.24	642	6.88	13.47	9.33	6.85	15.47	18.87	1.94	1.62	AMP
				98.52	299.95	16.42	87.41	216.67	134.99	276.29	17.38	PHASE
331	73.18	55.88	642	6.76	13.97	18.85	7.84	15.85	19.86	7.7	1.48	AMP
				88.97	293.38	8.82	82.81	288.24	127.57	172.79	358.32	PHASE

TABLE VI.- Concluded

(g) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	-3.27	4.38	642	2.35	.79	.58	.53	.33	.62	.47	.23	AMP
320	-3.72	4.52	642	135.38	165.51	65.84	348.32	235.49	123.68	354.83	131.14	PHASE
321	-4.17	5.03	642	2.75	.67	.68	.55	.33	.67	.54	.22	AMP
322	-4.63	5.72	642	125.99	153.83	48.84	334.87	222.85	116.33	334.43	121.27	PHASE
323	-3.58	3.97	642	3.16	.61	.49	.55	.38	.75	.71	.27	AMP
324	-4.88	4.21	642	121.72	154.91	52.54	335.48	277.73	124.46	349.68	178.78	PHASE
325	-4.52	4.82	642	3.39	.38	.58	.78	.54	.95	.64	.33	AMP
326	-4.75	5.22	642	113.29	139.57	55.82	349.33	348.11	182.72	357.57	287.68	PHASE
327	-3.73	4.81	642	2.54	.41	.51	.72	.57	.61	.37	.16	AMP
328	-4.13	4.57	642	138.18	149.42	52.39	346.67	241.59	139.93	2.89	118.32	PHASE
329	-4.58	5.23	642	2.77	.36	.61	.81	.58	.73	.35	.19	AMP
330	-4.82	5.34	642	138.81	158.54	42.12	341.76	242.21	148.38	352.37	78.79	PHASE
331	-5.85	5.66	642	3.15	.26	.53	.75	.52	.76	.41	.22	AMP
				127.87	144.26	48.28	357.22	275.25	153.66	17.49	153.88	PHASE
				3.38	.26	.52	.83	.52	.88	.41	.18	AMP
				119.28	132.46	36.84	339.11	257.47	128.45	347.76	118.14	PHASE
				2.59	.18	.27	.68	.55	.58	.45	.08	AMP
				138.59	22.36	58.15	356.88	244.15	162.99	18.18	318.64	PHASE
				2.84	.19	.17	.78	.53	.65	.41	.09	AMP
				138.79	319.48	28.42	351.96	245.56	143.37	351.38	315.55	PHASE
				3.12	.27	.16	.88	.47	.73	.45	.15	AMP
				121.84	312.75	23.78	349.57	247.74	132.26	347.38	247.45	PHASE
				3.32	.31	.17	.83	.43	.74	.45	.21	AMP
				117.79	317.65	14.84	344.15	246.68	124.41	342.41	238.83	PHASE
				3.55	.41	.12	.79	.32	.69	.45	.27	AMP
				113.15	322.19	325.47	338.68	257.85	111.14	336.87	288.31	PHASE

PITCH LINK												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	-1.68	14.46	642	4.52	4.96	3.25	.69	1.58	.78	.32	.65	AMP
320	-.77	16.68	642	287.24	88.77	288.93	146.84	268.88	88.55	38.76	188.42	PHASE
321	-.46	17.54	642	5.75	5.57	3.87	.68	1.67	.89	.19	.48	AMP
322	2.27	28.15	642	282.31	89.28	288.71	184.61	251.26	61.46	65.13	168.97	PHASE
323	-.48	11.85	642	7.82	6.89	2.78	.49	2.43	.76	.86	.59	AMP
324	.18	13.28	642	288.82	94.88	282.72	155.67	258.56	66.85	31.88	187.22	PHASE
325	.99	14.94	642	8.88	6.15	2.84	1.17	3.78	.52	.38	.88	AMP
326	1.37	15.17	642	269.89	94.55	181.95	143.89	237.43	334.34	264.13	283.68	PHASE
327	.39	11.23	642	4.63	4.43	3.17	.28	1.11	.68	.24	.29	AMP
328	1.86	11.85	642	383.75	183.27	184.87	113.27	278.98	182.52	11.88	149.16	PHASE
329	1.56	13.75	642	5.36	5.83	3.17	.36	1.32	.54	.16	.23	AMP
330	1.74	14.78	642	381.42	188.87	177.59	289.65	277.84	86.48	69.25	96.92	PHASE
331	2.86	14.94	642	6.38	5.78	3.28	.38	1.66	.24	.28	.52	AMP
				381.86	177.34	178.86	235.26	276.82	72.87	138.58	169.66	PHASE
				6.88	5.96	3.21	.41	1.91	.22	.28	.58	AMP
				293.52	185.71	156.84	288.87	248.32	326.84	188.28	131.97	PHASE
				4.72	4.66	2.88	.12	.85	.67	.25	.16	AMP
				313.37	113.28	176.28	246.79	299.47	135.69	358.58	249.85	PHASE
				5.88	5.28	2.89	.68	1.89	.41	.21	.18	AMP
				389.87	115.87	168.89	245.78	281.99	92.76	348.72	222.38	PHASE
				5.96	5.67	2.86	.94	1.53	.28	.19	.44	AMP
				384.81	118.13	144.54	236.83	272.25	28.42	322.23	194.21	PHASE
				6.38	5.94	3.82	.93	1.71	.34	.24	.64	AMP
				382.56	116.67	135.81	225.43	265.26	333.88	381.81	181.85	PHASE
				6.84	6.24	2.98	.96	1.87	.48	.26	.82	AMP
				297.45	114.38	122.99	212.38	255.38	383.33	298.28	167.28	PHASE

TABLE VII.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR
ACR BLADE WITH SWEPT TIP AND 4° TABS

(a) $\mu = 0.20$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CO/SIGMA	CQ/SIGMA
108	-.7	1.5	-2.2	.02568	.00107	.00143
109	-1.5	2.8	.2	.03994	.00074	.00166
110	-1.5	2.4	2.0	.05417	.00144	.00181
111	-2.1	3.2	4.0	.06652	.00131	.00218
112	-2.5	4.2	5.8	.07666	.00071	.00277
113	-2.8	4.8	8.0	.08993	.00066	.00333
114	-3.4	5.6	9.9	.10091	.00004	.00416
115	-3.6	6.7	11.9	.11120	-.00068	.00518
116	-4.1	7.5	13.8	.12050	-.00105	.00644
117	-4.4	7.7	14.9	.12411	-.00102	.00709
118	-4.7	8.6	15.7	.12566	-.00227	.00795
119	-1.3	2.7	-2.0	.03478	.00478	.00112
120	-1.3	2.6	-.1	.05005	.00647	.00103
121	-1.9	3.3	2.0	.06373	.00744	.00116
122	-2.1	4.0	3.9	.07587	.00819	.00143
123	-2.7	4.5	5.9	.08773	.00892	.00179
124	-3.1	5.2	8.0	.10025	.00959	.00249
125	-3.6	5.9	9.9	.11024	.00976	.00315
126	-4.0	6.5	11.8	.12081	.01033	.00409
127	-4.7	7.7	13.9	.12831	.00983	.00561
128	-5.0	8.2	14.8	.12979	.00968	.00622
129	-1.0	2.3	0.0	.02285	-.00133	.00177
130	-1.6	3.0	1.9	.03617	-.00267	.00220
131	-1.4	3.8	3.9	.04856	-.00391	.00268
132	-1.6	4.1	5.8	.06162	-.00480	.00311
133	-2.2	5.0	7.8	.07332	-.00631	.00378
134	-2.5	5.4	9.9	.08502	-.00722	.00455
135	-3.0	6.3	11.8	.09668	-.00890	.00548
136	-3.6	7.3	13.8	.10695	-.01074	.00668
137	-4.1	8.3	15.9	.11613	-.01224	.00816
138	-4.2	8.5	16.9	.11962	-.01221	.00889
139	-.9	3.3	4.0	.03583	.00618	.00267
140	-1.3	3.8	5.9	.04741	-.00822	.00333
141	-1.7	4.5	7.9	.06049	-.01065	.00413
142	-2.1	5.2	9.9	.07183	-.01289	.00498
143	-2.6	5.9	11.9	.08396	-.01515	.00597
144	-3.1	6.6	13.9	.09496	-.01751	.00714
145	-3.6	7.1	15.8	.10519	-.01959	.00828

TABLE VII.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO 7												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	47.23	8.32	688	2.45	1.81	.35	.99	3.05	.85	.67	1.19	AMP
109	48.86	9.11	688	154.01	289.38	250.67	165.45	41.12	281.38	191.94	356.55	PHASE
110	58.21	7.48	687	2.77	1.85	.79	.89	2.74	.91	.63	1.61	AMP
111	51.64	7.37	687	149.78	292.88	389.89	181.78	31.69	271.61	192.97	353.88	PHASE
112	52.96	8.48	686	2.29	1.98	1.81	1.85	1.81	1.88	.53	1.88	AMP
113	54.35	8.94	685	165.84	387.22	346.75	219.47	43.41	283.61	243.35	18.43	PHASE
114	55.44	8.91	683	2.29	2.02	1.13	1.86	1.86	1.24	.51	1.11	AMP
115	56.44	11.73	687	153.21	388.97	332.26	212.86	353.89	253.85	238.57	344.49	PHASE
116	57.19	15.55	684	2.35	2.05	1.28	1.22	2.74	1.44	.59	1.48	AMP
117	57.58	19.45	688	144.55	312.18	338.84	227.31	348.36	273.17	249.88	2.18	PHASE
118	57.88	21.65	688	2.08	2.12	1.35	1.68	2.45	1.58	.55	1.45	AMP
119	46.98	8.31	689	128.27	315.35	328.13	229.17	342.25	258.78	235.88	347.83	PHASE
120	48.36	8.75	688	1.98	2.28	1.43	2.35	1.38	1.44	.49	1.94	AMP
121	49.87	8.56	688	186.47	334.42	336.56	251.14	6.29	274.16	218.56	48.46	PHASE
122	51.18	8.27	688	2.38	2.51	1.71	3.51	.69	1.21	1.18	1.62	AMP
123	52.51	8.88	687	74.83	336.35	275.19	232.66	158.26	282.38	177.81	18.28	PHASE
124	53.75	12.34	686	3.77	3.23	3.22	3.99	3.59	2.82	.74	1.95	AMP
125	54.84	16.79	689	46.97	341.28	254.45	222.28	166.77	192.85	239.33	337.49	PHASE
126	55.71	19.47	688	4.83	3.54	3.46	4.78	5.39	2.37	.78	1.89	AMP
127	56.37	23.83	685	42.12	358.86	254.82	222.98	184.35	212.89	271.72	11.91	PHASE
128	56.57	24.86	687	5.88	3.84	3.89	5.34	5.74	2.37	.93	2.25	AMP
129	47.19	8.58	688	38.14	351.88	232.78	286.93	187.32	216.82	385.58	336.55	PHASE
130	48.71	9.36	689	3.73	2.88	.72	.84	2.76	.54	.62	.51	AMP
131	58.21	9.77	688	144.54	279.83	138.74	131.29	58.51	291.19	194.71	18.87	PHASE
132	51.73	11.25	689	3.66	2.86	1.85	.89	2.51	.38	.47	1.77	AMP
133	53.27	12.68	688	158.66	293.64	115.87	153.83	98.18	325.35	222.88	38.21	PHASE
134	54.77	13.98	688	3.62	2.83	1.17	.59	1.91	.89	.24	.99	AMP
135	56.18	14.52	688	154.56	286.92	98.77	158.85	87.91	288.96	175.47	.63	PHASE
136	57.44	14.32	687	3.58	2.89	1.23	.78	1.37	.23	.34	.98	AMP
137	58.65	15.65	688	158.55	279.42	66.88	189.74	96.46	182.85	135.16	332.35	PHASE
138	59.23	18.11	684	3.28	2.83	1.36	1.23	2.86	.64	.53	.62	AMP
139	49.42	7.45	688	144.59	292.86	67.58	214.94	146.59	158.26	161.81	78.18	PHASE
140	58.93	7.89	688	2.68	2.87	.47	2.44	2.22	1.49	1.19	1.24	AMP
141	52.49	8.62	688	132.98	383.26	67.73	251.88	189.88	178.55	288.69	146.72	PHASE
142	54.13	9.72	688	2.38	2.74	2.98	2.58	2.82	2.82	1.41	1.78	AMP
143	55.83	11.34	688	181.16	382.58	384.82	245.17	184.88	174.63	287.26	138.26	PHASE
144	57.42	12.74	689	2.67	3.45	2.51	3.65	4.12	2.45	1.87	1.82	AMP
145	58.78	13.58	686	66.38	319.17	271.54	268.47	218.78	216.48	251.93	163.78	PHASE
				4.56	4.48	3.85	3.87	4.68	2.84	.86	1.93	AMP
				49.13	342.38	275.23	256.81	231.91	234.33	215.81	167.25	PHASE
				5.61	4.62	3.52	4.52	6.37	2.63	.76	1.35	AMP
				38.69	336.93	251.84	225.25	286.77	215.72	221.87	77.29	PHASE
				2.19	1.58	.79	.48	2.73	.96	.82	1.58	AMP
				141.35	298.32	351.12	214.98	48.42	284.86	288.88	359.37	PHASE
				2.36	1.62	1.43	.57	3.16	1.11	.66	1.73	AMP
				143.67	388.82	348.87	236.84	51.31	382.89	225.41	12.81	PHASE
				2.64	1.62	1.37	.79	3.39	1.38	.36	1.83	AMP
				149.98	318.84	348.83	245.97	41.81	296.78	226.73	1.78	PHASE
				2.47	1.67	2.12	1.88	4.83	1.71	.28	7.58	AMP
				146.98	311.14	339.82	225.76	7.26	277.82	235.81	329.48	PHASE
				2.54	1.66	2.36	1.28	4.64	1.86	.13	2.89	AMP
				137.93	326.18	341.69	235.43	6.59	279.38	389.89	336.13	PHASE
				2.33	1.73	2.22	1.68	4.81	2.22	.23	3.32	AMP
				124.82	342.24	348.77	248.48	9.81	273.67	32.85	336.18	PHASE
				2.52	1.96	2.88	2.88	4.37	2.52	.36	3.58	AMP
				97.93	355.85	326.38	223.23	355.25	249.62	28.83	386.11	PHASE
				3.38	2.59	1.49	2.59	2.94	2.48	.26	3.56	AMP
				71.86	13.17	299.57	218.75	14.98	248.49	182.49	311.73	PHASE
				5.28	3.55	1.71	3.57	.64	2.49	.48	3.92	AMP
				52.24	21.56	253.18	191.84	75.92	248.82	293.51	312.83	PHASE
				7.88	4.16	2.44	4.34	.82	2.38	.98	4.24	AMP
				43.17	15.18	228.78	168.83	173.98	239.18	321.15	381.84	PHASE
				2.43	1.88	1.62	.24	2.48	.61	.27	1.87	AMP
				143.75	314.56	348.67	235.48	37.84	294.17	184.88	357.39	PHASE
				2.45	1.22	2.88	.25	2.61	.73	.84	1.26	AMP
				137.48	315.78	341.92	248.72	11.86	271.21	35.58	318.62	PHASE
				2.47	1.49	2.22	.36	3.24	.77	.28	1.41	AMP
				133.85	331.48	344.99	247.48	8.13	266.19	78.11	312.32	PHASE
				2.58	1.69	2.19	.45	3.54	.83	.56	1.58	AMP
				121.38	347.95	341.47	259.76	1.57	248.99	56.85	381.76	PHASE
				2.67	2.18	2.18	.59	3.58	.98	.84	1.76	AMP
				183.44	4.82	328.75	261.73	359.85	225.75	56.28	273.41	PHASE
				3.13	2.72	2.21	.77	3.54	1.28	1.14	2.26	AMP
				83.26	15.96	389.63	248.75	353.34	284.26	54.49	257.91	PHASE
				4.68	3.38	2.35	2.11	3.87	1.44	1.12	2.58	AMP
				61.88	22.54	285.13	213.87	343.38	282.31	46.62	256.16	PHASE

TABLE VII.- Continued

(a) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6'	7P	8P
108	52.72	16.78	608	7.29	1.98	1.50	.93	3.23	?	.31	.52 AMP
109	52.88	23.26	608	256.68	81.32	211.60	28.61	9.97	22.1	289.88	36.56 PHASE
110	58.98	26.97	607	13.34	2.57	2.79	1.39	2.61	?	.68	.68 AMP
111	49.63	38.26	607	282.58	93.34	258.08	32.20	19.32	224	216.57	32.22 PHASE
112	48.35	49.74	606	18.35	4.20	1.35	1.82	4.33	2	.86	.34 AMP
113	46.20	68.12	605	312.84	128.59	127.07	353.19	328.12	284	339.13	77.86 PHASE
114	44.38	85.87	603	26.29	5.60	4.89	2.71	4.93	2	.92	.48 AMP
115	42.57	104.69	607	321.51	99.61	143.48	323.53	331.61	322	312.13	339.07 PHASE
116	48.74	133.66	604	34.42	6.69	7.63	3.47	4.96	2	.76	.76 AMP
117	48.16	148.92	608	329.24	188.92	166.51	327.56	346.79	11	1.19	.47 PHASE
118	48.76	158.45	608	47.56	7.93	11.76	4.74	5.94	0	2.36	2.36 AMP
119	47.20	22.76	609	337.03	98.98	179.65	311.90	359.87	34	274.66	343.67 PHASE
120	45.45	32.56	608	68.35	8.52	14.54	6.59	6.48	8	3.39	1.37 AMP
121	43.80	38.92	608	346.97	118.98	207.25	327.79	40.66	81.18	312.16	42.90 PHASE
122	41.71	58.39	608	79.89	8.95	16.34	389.46	8.84	4.35	3.56	.47 AMP
123	39.45	68.55	607	347.48	182.27	204.93	389.46	9.14	22.93	288.13	37.83 PHASE
124	36.60	75.19	606	97.66	9.18	15.91	6.97	6.22	16.70	2.73	1.09 AMP
125	35.11	91.76	609	353.90	113.22	212.22	318.44	357.95	8.36	332.75	389.44 PHASE
126	33.62	112.46	608	104.88	7.55	11.90	3.79	8.12	21.54	2.33	.56 AMP
127	33.84	136.99	605	359.73	127.40	228.25	386.19	46.84	36.21	69.44	14.22 PHASE
128	34.01	139.37	607	113.46	6.05	7.11	4.21	7.90	23.29	4.75	.45 AMP
129	47.20	12.86	608	356.79	124.79	216.63	165.35	81.37	43.33	99.30	185.40 PHASE
130	47.46	16.39	609	14.02	2.78	3.59	.91	1.66	1.89	.17	.39 AMP
131	47.00	28.47	608	258.64	72.27	227.29	345.56	6.20	194.49	388.36	61.94 PHASE
132	46.35	44.89	609	28.00	4.08	4.25	.83	.78	4.68	.55	.76 AMP
133	45.86	59.38	608	298.71	96.55	388.83	88.96	318.68	317.44	228.60	95.97 PHASE
134	44.88	78.24	608	26.50	6.04	1.82	9.2	2.75	7.07	.15	.88 AMP
135	44.14	95.35	608	384.49	188.32	388.02	6.37	291.16	327.78	189.85	78.83 PHASE
136	43.60	109.00	607	35.41	8.68	2.46	2.62	4.15	5.92	1.39	1.62 AMP
137	43.76	132.48	608	315.73	188.13	162.81	328.16	386.07	323.47	78.18	25.44 PHASE
138	43.11	147.58	604	43.81	18.81	6.25	4.16	5.36	6.81	1.32	.65 AMP
139	47.95	21.39	608	329.98	188.98	196.75	343.18	1.07	354.05	124.95	74.84 PHASE
140	47.99	34.98	608	57.26	18.18	18.18	5.05	4.82	5.29	1.68	.88 AMP
141	47.99	49.72	608	341.99	114.60	208.49	316.73	23.78	323.98	248.02	138.31 PHASE
142	48.10	63.31	608	78.34	12.66	14.32	6.48	3.43	11.91	1.82	.47 AMP
143	48.03	81.22	608	341.81	185.85	288.49	316.73	23.78	323.98	251.22	193.86 PHASE
144	47.34	96.96	609	86.91	12.92	15.27	6.48	3.43	11.91	2.68	1.62 AMP
145	45.41	116.76	606	352.63	128.13	228.03	325.07	54.41	351.45	263.88	388.26 PHASE
				181.24	11.85	15.15	4.41	6.76	11.12	1.67	1.98 AMP
				1.79	147.61	244.67	313.59	66.77	56.29	319.56	13.55 PHASE
				187.39	9.63	11.93	2.81	9.92	13.82	1.66	1.68 AMP
				358.99	144.72	243.92	244.86	71.70	54.80	114.93	358.91 PHASE
				5.78	1.30	1.66	.99	2.93	2.50	.69	.39 AMP
				283.34	93.31	236.78	29.33	4.89	178.27	388.62	67.85 PHASE
				8.93	2.28	3.82	1.38	1.71	2.61	.32	.41 AMP
				295.05	183.89	251.14	46.12	359.33	238.46	388.57	71.14 PHASE
				18.62	4.10	2.35	1.84	4.36	2.48	.66	.42 AMP
				314.37	183.64	178.40	354.10	383.77	358.22	318.73	68.85 PHASE
				28.35	4.89	7.98	2.88	5.88	3.22	.82	1.07 AMP
				338.06	183.52	171.36	335.82	313.78	15.51	241.65	16.12 PHASE
				39.11	5.53	11.47	3.84	5.98	7.88	1.82	1.62 AMP
				338.28	188.17	186.74	341.89	328.06	32.20	263.46	18.93 PHASE
				53.21	5.91	14.62	5.21	6.85	18.07	3.69	2.23 AMP
				347.83	185.31	283.13	336.89	338.96	38.57	283.88	22.86 PHASE
				67.91	6.28	17.49	6.47	4.68	13.73	4.22	2.59 AMP
				346.19	95.19	288.34	318.87	385.39	21.28	272.54	353.74 PHASE
				86.22	6.55	17.49	5.78	2.28	14.31	4.49	2.65 AMP
				351.87	94.74	213.12	332.33	273.95	33.24	325.41	28.38 PHASE
				186.99	5.16	13.21	2.12	3.18	16.68	4.13	1.69 AMP
				357.21	95.72	229.18	38.89	171.82	43.92	62.26	38.38 PHASE
				119.47	3.73	6.97	9.98	5.17	15.56	7.92	1.56 AMP
				359.37	93.29	216.46	188.87	135.25	49.28	75.68	26.45 PHASE
				11.47	2.48	2.36	1.91	3.36	3.57	.16	.25 AMP
				321.99	188.58	177.86	38.88	385.05	299.22	98.84	114.25 PHASE
				28.42	2.98	6.87	2.47	4.14	4.17	.53	.37 AMP
				333.47	188.98	178.36	357.88	4.19	312.56	343.85	177.78
				31.18	3.36	18.51	3.84	4.19	343.85	5.38	.86 AMP
				343.84	112.65	187.95	357.82	335.48	13.83	243.23	8.88 PHASE
				43.32	3.60	13.88	4.42	2.68	6.48	1.75	1.15 AMP
				348.48	115.98	197.11	353.79	327.15	18.18	266.88	3.51 PHASE
				58.99	3.59	17.20	6.18	2.88	9.21	1.94	1.34 AMP
				351.73	3.24	287.83	341.87	264.42	353.75	284.23	349.79 PHASE
				75.76	116.16	283.92	7.76	4.88	14.00	1.63	1.64 AMP
				352.93	184.47	287.83	334.26	226.60	342.50	388.56	333.56 PHASE
				95.50	2.18	19.67	7.38	8.41	14.37	.73	1.83 AMP
				357.96	93.32	213.11	389.37	221.62	349.32	359.38	326.47 PHASE

TABLE VII.- Continued

(a) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	18.49	5.65	608	3.89	1.13	.48	.46	.7	.18	.39	.33 AMP
				328.12	103.44	49.55	214.68	285.69	271.89	223.58	32.68 PHASE
109	8.41	6.88	608	3.88	1.12	.29	.83	.89	.24	.33	.49 AMP
				339.64	92.92	42.69	212.47	258.28	254.65	224.23	13.78 PHASE
110	6.67	6.69	607	4.05	1.38	.29	1.85	.98	.46	.31	.42 AMP
				352.92	88.88	75.84	219.77	264.61	289.87	308.81	38.81 PHASE
111	4.85	8.56	607	4.69	1.58	.24	1.55	1.45	.59	.45	.47 AMP
				354.71	68.65	185.37	283.21	233.82	268.37	308.82	3.47 PHASE
112	3.23	18.33	606	5.48	1.82	.43	1.98	1.94	.74	.58	.73 AMP
				1.57	67.89	158.28	213.29	247.36	292.93	318.24	27.82 PHASE
113	1.85	11.89	605	6.61	2.35	.98	2.57	1.97	.81	.71	.83 AMP
				2.28	62.72	159.37	289.18	248.95	292.58	388.26	2.78 PHASE
114	-1.83	13.68	603	8.18	2.88	1.64	3.26	1.86	.87	.75	1.13 AMP
				8.33	73.78	198.88	235.55	285.44	333.13	348.28	43.97 PHASE
115	-3.49	15.37	607	18.28	3.28	.26	3.88	1.13	1.22	1.36	1.48 AMP
				4.48	69.27	287.55	238.58	268.13	284.75	384.68	4.83 PHASE
116	-6.46	19.33	604	13.33	3.12	3.16	3.14	1.83	2.71	2.88	1.68 AMP
				1.73	66.43	233.88	238.71	262.83	296.83	312.52	326.28 PHASE
117	-8.45	24.26	608	15.57	3.16	3.95	2.86	1.21	2.18	1.88	2.86 AMP
				2.73	68.42	258.84	263.49	312.88	329.34	328.96	342.78 PHASE
118	-9.81	27.67	608	17.25	3.35	4.66	2.44	.45	2.88	2.76	2.85 AMP
				.22	63.52	258.94	272.46	328.81	299.57	388.89	331.44 PHASE
119	18.82	5.92	609	4.27	1.24	.48	.13	.68	.27	.38	.12 AMP
				331.89	183.21	68.16	211.82	333.78	386.73	229.87	83.86 PHASE
120	8.87	5.98	608	4.24	1.28	.49	.23	.56	.24	.38	.22 AMP
				346.83	184.78	189.81	193.89	348.58	338.21	256.32	82.28 PHASE
121	6.87	6.55	608	4.56	1.49	.67	.63	.44	.22	.18	.25 AMP
				352.29	98.44	119.81	186.24	288.66	268.86	228.11	58.82 PHASE
122	4.86	7.88	608	5.31	1.76	.86	1.88	.55	.25	.42	.42 AMP
				352.16	74.19	128.55	193.88	248.48	239.53	184.51	6.44 PHASE
123	1.98	18.28	607	6.57	2.27	1.31	1.67	.64	.32	.14	.36 AMP
				357.87	76.86	168.54	228.24	281.37	388.62	318.51	43.58 PHASE
124	-.74	12.57	606	8.37	2.74	1.68	1.88	.88	.62	.49	.47 AMP
				2.78	86.14	288.86	255.64	176.82	255.95	312.38	97.12 PHASE
125	-3.12	14.58	609	18.19	3.11	1.71	1.51	1.88	.98	.84	1.88 AMP
				.15	78.28	238.48	238.83	181.92	262.28	384.68	93.77 PHASE
126	-6.81	17.48	608	12.76	2.66	2.41	1.36	1.79	1.65	1.81	.27 AMP
				3.49	81.64	245.47	248.97	231.53	315.39	328.68	388.45 PHASE
127	-9.49	26.88	605	16.56	2.78	7.84	1.69	2.38	3.27	1.53	.85 AMP
				3.75	71.49	285.51	278.88	389.26	17.45	51.94	185.62 PHASE
128	-11.49	27.81	607	19.19	3.35	3.92	2.12	2.28	3.47	1.24	1.19 AMP
				358.12	64.63	267.71	294.85	339.27	28.95	47.93	58.68 PHASE
129	9.18	5.38	608	3.88	1.81	.19	.67	.44	.19	.47	.28 AMP
				331.57	83.25	18.99	223.54	286.54	.44	247.64	24.88 PHASE
130	7.48	5.63	609	4.13	.94	.86	.88	.71	.29	.41	.37 AMP
				345.64	83.85	67.65	224.92	299.95	358.34	266.96	37.25 PHASE
131	5.65	7.85	608	4.65	1.88	.28	1.17	1.89	.51	.36	.45 AMP
				353.94	69.88	158.49	218.86	288.66	325.28	298.26	38.28 PHASE
132	3.83	9.12	609	5.34	1.31	.53	1.63	1.78	.89	.53	.78 AMP
				356.89	54.82	164.16	283.66	262.65	293.29	298.83	2.57 PHASE
133	1.93	18.97	608	6.19	1.59	.95	2.19	2.36	1.81	.85	.91 AMP
				3.88	54.43	172.24	218.89	272.97	388.78	388.43	5.88 PHASE
134	-.88	12.48	608	7.34	2.85	1.48	2.81	2.69	1.22	.57	1.13 AMP
				6.67	57.68	177.83	211.97	277.58	385.17	312.41	2.28 PHASE
135	-2.16	14.25	608	8.78	2.61	2.19	3.26	2.87	1.44	.56	1.38 AMP
				5.34	55.29	166.64	198.97	264.19	288.35	287.73	338.41 PHASE
136	-4.54	17.45	607	11.82	3.18	2.81	3.83	2.87	1.72	.85	1.77 AMP
				7.63	62.73	189.71	221.73	293.62	385.66	285.48	328.77 PHASE
137	-7.23	22.78	608	14.89	3.58	3.52	2.57	2.92	2.16	1.38	2.42 AMP
				8.67	66.88	216.43	254.31	317.27	316.57	292.43	329.62 PHASE
138	-8.69	24.52	604	16.84	3.75	3.82	2.34	2.64	2.61	2.18	3.29 AMP
				5.88	61.47	226.62	269.64	389.25	294.12	284.88	316.68 PHASE
139	6.15	5.39	608	4.11	.72	.16	.85	.58	.21	.21	.25 AMP
				358.46	71.81	58.83	218.47	283.78	348.33	249.84	29.78 PHASE
140	4.45	6.43	608	4.65	.86	.22	1.83	.93	.36	.18	.38 AMP
				355.27	62.96	122.26	289.45	266.57	314.95	264.61	349.67 PHASE
141	2.57	7.88	608	5.47	1.83	.58	1.33	1.39	.46	.13	.48 AMP
				1.66	48.56	158.75	213.44	273.61	316.77	288.94	337.48 PHASE
142	.68	9.34	608	6.37	1.31	.85	1.56	1.65	.57	.84	.42 AMP
				5.16	46.74	163.92	287.88	271.87	388.32	31.49	328.47 PHASE
143	-1.39	11.15	608	7.58	1.69	1.27	1.83	1.85	.88	.17	.58 AMP
				7.53	47.57	166.33	199.36	267.43	286.98	82.22	382.77 PHASE
144	-3.48	12.83	609	8.87	2.14	1.65	2.85	2.88	1.13	.38	.78 AMP
				9.35	51.44	168.36	188.14	258.48	279.78	86.17	289.66 PHASE
145	-5.77	15.13	606	11.11	2.68	2.88	2.22	2.13	1.39	.98	.98 AMP
				18.74	59.19	179.86	182.55	256.43	272.75	71.35	293.58 PHASE

TABLE VII.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO 7												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	32.21	7.48	608	4.41	2.53	1.18	.78	1.68	.35	.87	.29	AMP
				142.53	295.53	298.67	194.33	39.27	293.19	299.58	179.44	PHASE
109	33.78	8.23	608	5.18	2.46	1.58	.75	1.66	.39	.18	.46	AMP
				142.43	292.72	315.61	287.92	26.41	294.38	328.11	172.65	PHASE
110	34.78	8.88	607	5.63	3.02	2.15	.88	1.17	.36	.99	.31	AMP
				151.71	297.55	332.98	243.35	38.16	385.57	388.98	194.39	PHASE
111	35.85	9.19	607	6.16	3.21	2.39	1.01	1.33	.36	.88	.31	AMP
				148.35	287.89	322.29	243.11	349.47	281.35	193.57	148.87	PHASE
112	36.98	9.85	606	6.44	3.39	2.74	1.08	1.91	.41	.86	.39	AMP
				158.12	291.13	338.82	262.61	349.74	291.52	171.87	155.79	PHASE
113	38.21	10.19	605	6.93	3.61	2.99	1.34	1.72	.37	.16	.38	AMP
				147.83	288.88	328.18	262.83	345.24	284.56	287.51	134.84	PHASE
114	39.27	12.01	603	7.38	3.59	3.22	1.78	1.88	.25	.51	.48	AMP
				151.85	299.48	345.37	278.97	18.98	288.51	252.25	284.89	PHASE
115	40.28	12.92	607	7.67	3.88	3.83	2.38	2.26	.85	.13	.26	AMP
				145.52	289.26	315.73	251.18	132.18	166.33	298.48	156.68	PHASE
116	40.95	13.98	604	7.49	5.07	3.27	2.69	2.21	.35	.34	.48	AMP
				143.88	295.35	295.51	224.22	172.61	146.28	182.12	128.88	PHASE
117	41.14	15.67	608	7.82	5.29	2.85	3.71	3.35	.49	.43	.39	AMP
				142.79	305.64	288.28	225.64	194.87	196.78	121.52	152.88	PHASE
118	41.59	15.77	608	7.15	5.26	2.98	4.39	3.68	.48	.68	.65	AMP
				136.59	304.87	255.58	214.33	281.66	221.37	111.25	134.72	PHASE
119	31.74	9.35	609	6.81	3.58	.27	.57	1.42	.27	.88	.15	AMP
				134.34	287.16	336.81	174.47	58.85	285.68	294.78	286.52	PHASE
120	32.89	10.35	608	6.73	4.13	.65	.54	1.27	.14	.88	.15	AMP
				147.14	296.91	37.19	214.11	84.53	335.64	333.33	258.26	PHASE
121	34.17	11.38	608	7.17	4.22	1.87	.54	.91	.12	.83	.18	AMP
				147.64	289.41	31.58	238.32	85.89	333.41	228.92	162.82	PHASE
122	35.26	12.87	608	7.68	4.37	1.62	.84	.62	.11	.85	.28	AMP
				144.46	288.87	8.15	243.79	92.92	388.25	112.85	136.58	PHASE
123	36.33	12.78	607	7.99	4.56	2.85	1.89	1.18	.13	.21	.17	AMP
				147.58	285.93	16.25	254.82	158.18	282.87	184.98	262.66	PHASE
124	37.46	13.87	606	8.16	5.83	1.98	1.83	1.38	.28	.28	.39	AMP
				149.18	289.87	4.92	269.73	218.21	236.78	227.86	344.79	PHASE
125	38.55	13.16	609	8.15	5.84	2.73	2.29	1.77	.42	.21	.62	AMP
				141.98	282.56	337.85	257.34	213.98	219.92	284.69	315.84	PHASE
126	39.46	14.53	608	7.87	6.14	2.65	3.83	2.55	.39	.21	.68	AMP
				144.44	299.63	318.95	244.18	223.64	184.31	354.19	354.19	PHASE
127	40.87	19.12	605	7.19	7.51	3.45	3.47	2.78	.98	.34	.65	AMP
				143.39	319.52	384.34	268.97	244.98	219.44	239.61	338.85	PHASE
128	40.29	21.99	607	6.92	7.45	2.62	4.23	4.27	1.48	.28	.42	AMP
				133.68	312.67	278.74	228.17	216.85	286.17	199.42	257.88	PHASE
129	33.34	8.23	608	4.74	2.28	1.45	.48	1.43	.44	.84	.34	AMP
				136.56	291.33	352.45	215.32	41.71	293.88	348.95	174.91	PHASE
130	34.68	9.73	609	5.38	2.26	2.28	.55	1.84	.48	.83	.42	AMP
				141.98	295.81	353.57	241.49	52.72	323.93	331.28	188.84	PHASE
131	35.96	10.96	608	6.84	2.47	2.37	.75	2.85	.35	.82	.58	AMP
				145.47	295.33	348.29	255.98	45.18	296.89	254.73	166.18	PHASE
132	37.15	11.85	609	6.55	2.61	3.29	.98	2.58	.43	.18	.71	AMP
				145.62	298.81	339.26	244.36	12.15	284.98	166.85	134.27	PHASE
133	38.51	12.98	608	7.82	2.64	3.83	.94	2.97	.46	.26	.96	AMP
				147.77	296.99	344.28	261.89	13.17	283.75	288.17	143.79	PHASE
134	39.71	13.87	608	7.58	2.65	3.99	1.13	3.38	.53	.25	.88	AMP
				149.87	297.83	345.35	268.88	16.44	281.18	217.29	144.87	PHASE
135	40.98	14.58	608	7.96	2.32	4.28	1.21	3.25	.49	.22	.18	AMP
				144.13	296.55	335.89	258.13	2.28	258.19	186.85	111.89	PHASE
136	42.87	14.32	607	8.24	2.25	3.38	1.39	2.29	.58	.82	1.88	AMP
				142.81	386.42	332.93	216.73	28.48	233.43	92.99	113.14	PHASE
137	43.26	13.98	608	8.36	2.44	1.95	.83	.45	.55	.52	1.15	AMP
				138.74	318.77	314.52	189.88	65.58	214.43	97.41	116.21	PHASE
138	43.88	13.79	604	8.33	3.81	2.15	3.61	.58	.63	.86	1.15	AMP
				132.59	314.17	261.81	179.55	213.96	211.61	97.42	186.35	PHASE
139	35.78	8.89	608	5.45	1.98	2.62	.33	1.42	.14	.84	.26	AMP
				143.52	296.15	346.13	245.28	39.37	267.11	273.84	188.88	PHASE
140	36.97	9.34	608	5.99	2.88	3.13	.41	1.51	.21	.12	.34	AMP
				142.92	294.28	341.13	241.78	12.63	246.48	172.54	138.89	PHASE
141	38.28	10.34	608	6.53	2.38	3.43	.42	2.85	.31	.23	.47	AMP
				145.96	383.54	344.15	252.99	9.99	258.19	283.58	138.83	PHASE
142	39.61	11.84	608	7.81	2.33	3.67	.38	2.25	.15	.28	.58	AMP
				147.11	383.25	344.69	279.76	3.56	262.85	233.77	128.12	PHASE
143	41.83	12.45	608	7.51	2.32	3.99	.42	2.46	.88	.25	.51	AMP
				147.32	318.15	339.39	277.65	2.95	232.44	238.65	93.87	PHASE
144	42.48	13.89	609	8.84	2.28	4.15	.47	2.65	.86	.18	.88	AMP
				145.94	325.84	332.49	265.88	356.86	188.58	253.68	73.16	PHASE
145	43.61	15.88	606	8.48	2.17	3.78	.85	2.46	.26	.12	.71	AMP
				142.39	323.82	322.86	217.65	353.77	128.38	86.77	64.41	PHASE

TABLE VII.- Continued

(a) Continued

CHORDWISE 37 PERCENT RADIUS												
RUN NO 7												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	31.29	17.19	608	6.14	1.38	1.34	1.33	4.19	3.45	.82	.43	AMP
				255.11	84.75	248.28	16.74	12.76	221.88	322.88	158.48	PHASE
109	38.57	28.33	608	18.45	1.78	2.63	2.11	3.86	4.16	.23	.58	AMP
				278.14	89.59	265.26	4.59	22.46	219.66	3.36	114.68	PHASE
110	29.79	23.72	607	13.86	3.61	4.47	2.82	5.88	3.84	1.85	1.13	AMP
				385.42	183.79	284.38	348.25	348.33	289.71	355.58	131.15	PHASE
111	28.43	38.14	607	19.27	5.15	3.14	4.14	6.81	4.37	2.84	.94	AMP
				315.88	95.95	166.57	338.48	338.53	328.91	347.73	98.37	PHASE
112	26.96	39.61	606	24.98	6.47	5.13	5.14	7.54	5.18	1.43	.66	AMP
				325.22	181.83	186.75	332.91	354.11	15.18	3.88	148.88	PHASE
113	24.27	57.91	605	34.67	8.34	8.98	7.26	9.31	18.28	3.82	.34	AMP
				333.28	188.61	195.93	317.33	358.53	33.14	259.25	331.71	PHASE
114	21.19	76.25	603	44.93	9.54	12.23	18.22	9.56	13.52	5.68	1.24	AMP
				343.24	112.65	224.72	334.39	33.97	77.97	297.54	48.78	PHASE
115	17.56	87.43	607	68.35	18.48	15.21	13.36	5.17	18.17	6.89	1.16	AMP
				344.86	189.22	275.58	315.27	358.21	22.85	283.21	181.11	PHASE
116	14.26	111.28	604	73.72	18.98	15.55	18.58	5.56	23.98	4.43	.92	AMP
				358.43	128.84	235.26	317.34	344.83	11.15	349.81	114.88	PHASE
117	12.32	126.72	608	79.58	9.44	12.59	5.93	4.59	38.33	5.53	2.19	AMP
				355.49	133.92	254.91	313.67	47.23	37.86	88.79	119.48	PHASE
118	11.68	139.38	608	86.29	8.27	8.78	3.86	5.62	33.23	18.79	3.59	AMP
				352.58	131.82	258.61	199.58	121.83	43.88	99.87	124.18	PHASE
119	25.69	19.48	609	11.52	1.98	2.98	1.84	1.93	1.67	.56	.58	AMP
				256.13	79.78	232.42	357.14	13.69	185.29	344.47	145.74	PHASE
120	24.41	25.38	608	15.67	3.54	3.26	1.87	5.9	6.47	.55	.12	AMP
				285.99	96.43	382.18	57.49	351.87	311.99	225.11	141.28	PHASE
121	22.84	33.58	608	28.11	5.76	1.71	1.59	2.37	18.56	.67	1.52	AMP
				299.78	188.32	312.84	2.66	382.87	326.12	28.95	132.88	PHASE
122	28.75	42.74	608	26.71	8.38	2.16	3.77	4.65	9.85	2.99	.87	AMP
				311.29	97.54	198.86	332.59	318.85	324.46	42.77	117.52	PHASE
123	18.22	52.61	607	33.88	18.84	5.38	6.11	6.28	18.31	2.83	.37	AMP
				326.36	187.72	218.51	344.46	358.28	353.66	118.42	319.32	PHASE
124	14.34	65.29	606	44.83	12.56	9.16	8.23	5.18	8.96	3.81	1.49	AMP
				338.52	114.61	242.28	358.98	32.82	358.61	238.68	349.43	PHASE
125	11.33	76.52	609	55.29	13.54	13.84	18.33	4.83	12.48	3.24	2.38	AMP
				338.88	187.69	232.78	322.72	348.27	326.55	246.85	381.19	PHASE
126	8.87	93.89	608	68.78	13.78	14.66	18.87	4.92	19.18	3.55	3.58	AMP
				349.46	123.88	253.78	338.64	358.83	354.74	259.46	388.82	PHASE
127	6.68	114.26	605	79.44	12.48	15.31	7.88	5.78	15.59	2.83	4.29	AMP
				357.79	152.89	272.59	326.59	36.88	57.53	383.38	378.89	PHASE
128	5.92	116.58	607	84.21	18.52	13.58	3.65	4.73	18.21	3.99	2.83	AMP
				354.39	147.88	271.18	261.34	68.88	53.29	114.83	274.58	PHASE
129	24.38	14.35	608	4.87	.94	1.74	1.62	3.92	3.57	1.18	.88	AMP
				282.18	183.89	261.39	18.55	11.47	168.48	381.57	154.64	PHASE
130	24.25	16.98	609	7.74	1.73	2.47	2.23	2.54	3.76	.84	.94	AMP
				291.58	187.88	265.52	17.42	26.87	223.25	333.49	157.38	PHASE
131	23.74	24.74	608	14.51	3.43	1.72	3.37	4.24	3.36	1.53	1.93	AMP
				389.48	184.69	229.64	356.29	325.75	354.81	342.36	145.58	PHASE
132	23.21	35.85	609	21.27	4.48	4.93	4.63	7.23	5.46	.71	2.88	AMP
				324.73	186.97	191.68	348.47	329.18	21.86	191.88	185.22	PHASE
133	22.16	48.87	608	28.88	5.22	7.71	6.88	8.48	18.98	2.76	1.97	AMP
				333.91	118.29	286.36	346.52	345.93	33.95	237.92	186.48	PHASE
134	28.64	62.42	608	38.49	6.86	11.36	8.82	9.23	15.78	6.75	3.86	AMP
				342.76	188.77	221.49	342.34	351.72	39.48	265.37	88.99	PHASE
135	18.87	88.62	608	49.71	7.11	14.69	9.89	7.77	21.96	7.88	4.19	AMP
				342.51	181.18	217.22	324.57	336.68	22.66	256.36	54.58	PHASE
136	17.11	88.82	607	63.39	8.42	15.98	8.52	2.44	22.53	8.13	5.43	AMP
				348.87	186.36	228.61	335.66	348.78	36.82	314.78	64.15	PHASE
137	15.99	118.82	608	78.88	8.16	13.51	2.17	4.75	24.86	7.74	5.63	AMP
				354.62	115.18	241.91	29.29	164.53	46.84	64.28	72.89	PHASE
138	15.82	123.17	604	87.65	7.54	9.89	8.94	7.69	22.15	15.87	5.82	AMP
				356.56	117.88	232.86	118.74	154.11	51.28	88.24	48.78	PHASE
139	24.48	18.48	608	9.15	2.87	1.74	2.95	3.42	5.35	.96	1.14	AMP
				316.66	186.11	215.81	18.72	328.11	298.88	39.87	123.25	PHASE
140	24.46	29.54	608	15.44	2.98	4.42	3.88	4.98	6.42	1.19	1.86	AMP
				327.76	187.15	191.85	1.88	325.37	342.39	122.11	187.48	PHASE
141	24.16	39.35	608	23.17	3.34	7.88	4.92	5.94	8.22	2.29	1.17	AMP
				338.96	116.18	285.22	1.22	345.38	14.16	213.51	71.63	PHASE
142	23.43	58.77	608	31.58	3.58	18.88	6.43	4.89	9.84	3.75	1.46	AMP
				344.28	115.27	214.78	356.78	347.23	19.48	248.89	55.31	PHASE
143	22.44	63.82	608	42.51	3.62	13.56	8.62	3.86	14.16	4.14	2.11	AMP
				347.51	114.76	228.38	346.44	327.88	357.81	255.75	36.57	PHASE
144	28.75	76.28	609	54.81	3.88	15.52	18.13	3.16	21.31	3.87	2.38	AMP
				349.56	111.74	223.23	338.79	269.19	345.28	268.76	11.83	PHASE
145	17.57	91.89	606	78.81	4.29	17.63	9.43	6.31	21.86	.92	3.87	AMP
				355.18	128.24	227.13	318.78	238.87	353.77	47.98	347.72	PHASE

TABLE VII.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 7												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	9.13	5.31	608	3.98	1.10	.37	.36	.65	.08	.19	.19	AMP
				323.22	90.72	34.89	1.05	239.16	235.07	181.51	343.87	PHASE
109	7.10	5.45	608	3.98	1.14	.29	.68	.01	.13	.14	.30	AMP
				333.14	82.10	44.51	185.61	218.48	192.70	176.25	323.52	PHASE
110	5.40	5.90	607	4.13	1.30	.28	.84	.85	.28	.24	.28	AMP
				346.19	79.01	72.45	190.22	227.70	249.63	281.84	345.44	PHASE
111	3.65	7.60	607	4.75	1.40	.26	1.28	1.24	.41	.37	.31	AMP
				347.68	61.64	92.23	173.19	195.60	220.86	250.31	314.39	PHASE
112	2.07	9.23	606	5.39	1.62	.44	1.68	1.69	.57	.40	.50	AMP
				354.00	59.30	126.00	183.26	200.04	256.26	270.32	339.00	PHASE
113	.00	10.62	605	6.40	2.04	.85	2.23	1.74	.63	.57	.53	AMP
				354.64	51.69	133.24	178.15	209.72	257.21	267.56	314.00	PHASE
114	-1.90	12.23	603	7.67	2.40	1.47	2.01	1.63	.71	.59	.74	AMP
				.62	61.26	164.27	204.67	246.97	297.25	305.97	364.81	PHASE
115	-4.24	12.94	607	9.40	2.67	1.05	2.50	1.04	.95	1.06	.95	AMP
				355.57	56.54	181.03	190.46	233.12	246.72	250.54	312.32	PHASE
116	-6.94	16.02	604	12.00	2.61	2.39	2.66	1.68	2.22	1.56	1.11	AMP
				353.33	51.78	200.00	200.01	234.92	255.91	265.39	276.69	PHASE
117	-0.79	20.37	608	14.11	2.70	3.02	2.44	1.35	1.69	1.41	1.30	AMP
				354.07	53.01	227.96	235.00	206.01	205.96	272.25	291.92	PHASE
118	-10.07	22.46	608	15.59	2.90	3.57	2.14	.70	1.60	2.16	1.91	AMP
				351.39	49.09	229.17	246.07	299.40	256.19	256.77	200.67	PHASE
119	8.00	5.01	609	4.34	1.26	.42	1.00	.59	.16	.22	.09	AMP
				325.00	91.17	48.36	191.46	293.05	276.64	106.54	24.32	PHASE
120	6.07	5.60	608	4.29	1.20	.42	1.16	.45	.14	.22	.17	AMP
				339.93	95.41	93.96	165.96	300.07	304.38	207.03	31.24	PHASE
121	4.90	5.05	608	4.57	1.44	.53	1.49	.39	.14	.12	.20	AMP
				345.13	79.77	103.47	154.36	240.19	221.19	192.96	357.66	PHASE
122	3.09	6.91	608	5.24	1.50	.66	.91	.49	.20	.04	.32	AMP
				344.13	64.41	106.44	160.03	209.55	200.07	247.32	319.34	PHASE
123	1.02	9.04	607	6.29	1.97	1.10	1.46	.62	.29	.12	.20	AMP
				349.07	62.97	130.10	107.33	247.01	267.18	292.10	347.00	PHASE
124	-1.42	10.47	606	7.71	2.27	1.37	1.44	.06	.31	.30	.36	AMP
				354.37	70.06	103.50	221.27	276.73	229.00	270.23	33.04	PHASE
125	-3.64	12.05	609	9.21	2.50	1.30	1.33	.72	.76	.65	.15	AMP
				351.79	61.71	103.13	194.33	151.65	225.11	262.02	347.54	PHASE
126	-6.27	14.77	608	11.32	2.22	1.70	1.32	1.31	1.31	.01	.21	AMP
				354.73	61.10	242.36	213.55	204.11	276.63	206.75	207.53	PHASE
127	-9.51	21.15	605	14.00	2.56	2.11	1.71	2.12	2.62	1.22	.64	AMP
				354.06	51.62	263.20	250.13	204.02	335.50	3.72	54.91	PHASE
128	-11.37	22.70	607	17.21	3.16	2.90	2.11	2.26	2.69	.92	.02	AMP
				349.44	47.34	243.03	264.49	309.40	330.10	357.12	1.74	PHASE
129	0.03	5.19	608	3.97	.99	.16	.61	.37	.14	.26	.15	AMP
				325.02	72.03	30.00	194.05	237.44	354.54	213.13	335.00	PHASE
130	6.40	5.30	609	4.22	.97	.14	.77	.63	.18	.22	.22	AMP
				330.70	74.90	100.02	194.55	256.54	327.77	234.21	346.51	PHASE
131	4.62	6.45	608	4.70	1.06	.27	.99	.97	.35	.20	.31	AMP
				346.40	64.02	130.92	107.71	240.20	209.64	261.90	354.47	PHASE
132	2.03	0.34	609	5.40	1.24	.57	1.41	1.55	.66	.45	.53	AMP
				349.33	40.03	130.04	174.06	221.73	256.39	240.93	316.56	PHASE
133	.90	9.92	608	6.20	1.45	.90	1.92	2.03	.75	.43	.59	AMP
				355.25	47.00	147.93	100.24	232.49	273.50	263.00	319.62	PHASE
134	-.97	11.56	608	7.10	1.01	1.46	2.46	2.32	.00	.00	.74	AMP
				350.90	47.15	152.53	101.91	236.06	260.50	269.56	314.27	PHASE
135	-2.90	13.10	608	8.42	2.25	2.00	2.04	2.50	1.04	.47	.06	AMP
				357.69	44.02	142.69	160.16	224.07	252.06	241.43	201.15	PHASE
136	-5.26	15.30	607	10.30	2.70	2.54	2.59	2.49	1.30	.73	1.13	AMP
				359.71	50.19	163.14	191.65	255.51	269.03	230.45	277.70	PHASE
137	-7.00	19.22	608	12.91	3.07	3.00	2.25	2.61	1.60	1.10	1.61	AMP
				.47	54.21	100.94	227.09	202.00	276.04	244.05	270.19	PHASE
138	-9.22	20.00	604	14.50	3.17	3.06	2.19	2.44	2.14	1.04	2.24	AMP
				357.33	40.59	201.07	245.16	275.11	253.61	235.00	265.14	PHASE
139	5.16	5.25	608	4.24	.76	.20	.69	.53	.17	.16	.10	AMP
				343.64	66.90	01.50	100.04	243.19	323.09	207.57	350.37	PHASE
140	3.40	6.22	608	4.70	.02	.31	.07	.79	.20	.10	.20	AMP
				340.01	49.90	100.20	179.30	225.69	278.92	216.13	307.06	PHASE
141	1.63	7.55	608	5.56	.94	.56	1.19	1.19	.36	.09	.25	AMP
				354.21	42.49	135.44	103.14	232.45	203.00	237.04	297.30	PHASE
142	-.25	0.00	608	6.36	1.16	.09	1.41	1.40	.43	.03	.20	AMP
				357.44	30.92	139.00	170.76	230.53	267.00	341.01	204.63	PHASE
143	-2.31	10.30	608	7.37	1.45	1.20	1.62	1.56	.59	.11	.33	AMP
				359.00	39.71	141.79	169.52	226.23	252.17	47.00	250.56	PHASE
144	-4.20	11.76	609	8.44	1.02	1.63	1.03	1.67	.03	.10	.45	AMP
				1.14	40.11	140.33	159.11	210.00	241.62	50.79	244.45	PHASE
145	-6.40	13.51	606	10.19	2.22	1.96	1.95	1.67	1.27	.61	.62	AMP
				2.10	45.26	147.79	154.09	210.00	230.30	235.09	242.75	PHASE

TABLE VII.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 7												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
100	19.41	8.85	608	5.21	3.18	1.84	.53	.67	.51	.53	1.14	AMP
				126.32	298.83	317.88	284.59	217.84	86.36	8.11	174.32	PHASE
				5.95	3.35	2.61	.65	.48	.51	.47	1.55	AMP
109	20.59	9.64	608	132.54	285.75	327.93	307.06	222.57	74.85	4.44	172.17	PHASE
				6.49	4.87	3.38	.81	.15	.68	.33	1.05	AMP
110	21.38	10.24	607	143.89	290.95	339.84	331.45	248.28	101.01	69.31	199.49	PHASE
				7.44	4.62	3.93	.92	.08	.75	.38	1.28	AMP
111	22.18	12.01	607	141.81	288.68	327.86	328.34	166.73	69.88	65.85	165.28	PHASE
				8.12	4.99	4.38	.93	.35	.91	.47	1.72	AMP
112	23.15	13.58	606	145.54	286.85	336.28	334.25	126.59	98.76	85.21	185.45	PHASE
				9.24	5.35	4.77	1.84	.24	1.11	.44	1.77	AMP
113	24.35	15.84	605	144.17	288.14	333.84	329.48	145.28	71.87	89.84	168.37	PHASE
				10.49	5.37	5.82	1.16	.82	.96	.83	2.34	AMP
114	25.64	16.94	603	148.19	288.89	351.86	350.13	211.38	107.28	337.11	226.88	PHASE
				11.93	5.93	4.77	1.15	.32	.94	.71	1.98	AMP
115	26.86	17.55	607	143.76	279.63	336.73	334.19	328.58	52.76	357.05	189.28	PHASE
				12.32	6.95	4.31	.56	.27	.99	.75	2.46	AMP
116	27.42	19.35	604	143.14	287.86	328.78	359.52	351.34	53.88	98.86	159.35	PHASE
				12.37	6.89	3.27	.14	.59	1.07	.98	2.68	AMP
117	27.61	19.59	608	143.76	297.47	336.52	321.83	316.28	52.84	115.67	189.41	PHASE
				12.94	6.98	2.26	.55	.73	1.23	1.58	3.13	AMP
118	28.18	22.86	608	139.71	292.67	386.87	251.54	316.98	52.87	125.84	157.28	PHASE
				6.69	4.46	1.33	.52	.72	.38	.53	.59	AMP
119	18.82	18.47	609	125.24	281.52	336.88	272.18	219.98	93.87	9.75	282.31	PHASE
				7.53	5.15	1.78	.54	.56	.35	.35	.87	AMP
120	18.92	12.53	608	137.95	291.82	188.55	388.88	249.11	132.73	41.53	219.23	PHASE
				8.33	5.52	2.38	.68	.38	.23	.28	1.05	AMP
121	28.83	13.48	608	148.17	284.18	7.11	382.47	268.15	126.88	389.41	185.22	PHASE
				9.45	5.88	2.92	.67	.53	.85	.28	1.12	AMP
122	21.15	14.69	608	138.84	273.33	355.78	298.27	263.25	11.44	261.21	156.73	PHASE
				18.47	6.12	3.55	.93	.78	.19	.24	.77	AMP
122?	22.38	15.72	607	142.54	277.15	6.95	312.69	384.58	.65	322.52	236.58	PHASE
				11.92	6.44	3.47	.83	.79	.65	.78	1.18	AMP
124	23.82	17.28	606	144.58	278.37	188.57	321.37	322.16	358.68	18.72	312.24	PHASE
				12.58	6.47	4.24	.99	1.01	1.88	1.83	1.44	AMP
125	24.94	17.77	609	139.38	271.68	349.83	317.83	318.85	5.42	36.58	298.33	PHASE
				13.84	7.57	3.53	.63	1.11	1.14	.98	1.45	AMP
126	26.81	19.38	608	143.75	287.24	346.83	358.38	11.16	48.25	87.43	324.32	PHASE
				12.91	9.18	3.59	.25	.59	.37	.37	2.85	AMP
127	26.39	21.81	605	146.22	389.47	342.18	48.25	38.21	62.26	23.77	325.87	PHASE
				12.92	8.81	2.32	.53	.84	.76	.43	2.83	AMP
128	26.46	21.25	607	138.98	382.42	332.67	189.71	318.25	18.25	17.91	248.54	PHASE
				5.86	3.88	2.32	.39	.74	.47	.65	1.41	AMP
129	28.44	9.61	608	126.76	283.79	345.91	388.98	215.43	86.82	28.86	178.93	PHASE
				6.43	3.32	3.12	.52	.74	.65	.51	1.68	AMP
130	21.59	18.72	609	135.81	285.92	351.37	316.98	228.52	187.94	39.98	198.33	PHASE
				7.32	3.77	4.86	.78	.67	.84	.15	1.74	AMP
131	22.71	12.24	608	148.88	285.47	346.97	328.94	194.38	117.31	23.86	181.28	PHASE
				8.13	4.28	4.81	.84	.75	1.11	.89	2.51	AMP
132	23.78	14.71	609	141.22	279.63	339.78	319.85	158.36	93.17	118.18	149.32	PHASE
				8.95	4.47	5.84	.95	.94	1.27	.38	2.99	AMP
133	24.94	16.72	608	145.86	284.68	345.82	334.36	155.86	99.86	186.77	155.82	PHASE
				9.96	4.72	5.95	1.89	.88	1.54	.52	3.58	AMP
134	26.14	18.79	608	148.63	283.95	349.21	341.86	147.47	98.81	211.68	154.41	PHASE
				11.87	4.59	6.37	1.18	.83	1.79	.59	3.91	AMP
135	27.47	28.53	608	146.82	274.95	348.69	338.66	116.52	65.81	197.98	124.31	PHASE
				12.16	4.76	5.46	.59	.81	1.66	.37	3.95	AMP
136	28.72	21.51	607	148.27	276.14	342.94	319.33	137.28	78.43	233.26	129.17	PHASE
				12.66	5.88	3.67	.69	.71	1.51	.43	4.41	AMP
137	29.73	21.62	608	149.84	288.89	338.58	221.13	157.88	67.88	148.72	129.62	PHASE
				12.86	5.69	3.83	1.38	.62	1.26	1.38	4.92	AMP
138	38.87	21.84	604	145.86	277.39	295.18	217.77	151.34	64.28	142.55	117.57	PHASE
				6.59	3.82	3.61	.43	.49	.39	.29	1.87	AMP
139	22.94	18.35	608	139.14	283.58	348.88	388.74	289.84	119.34	329.69	177.86	PHASE
				7.35	3.36	4.42	.46	.57	.42	.11	1.22	AMP
140	23.96	12.13	608	148.75	279.82	336.17	297.41	188.68	185.46	259.78	134.75	PHASE
				8.19	3.69	4.99	.45	.64	.42	.26	1.44	AMP
141	25.15	13.96	608	145.87	286.63	341.55	312.78	169.96	183.47	222.14	138.47	PHASE
				9.85	3.82	5.32	.53	.63	.51	.68	1.58	AMP
142	26.36	15.86	608	148.97	289.57	342.37	322.44	154.39	78.61	226.99	118.25	PHASE
				9.97	3.89	6.21	.62	.67	.76	.96	1.85	AMP
143	27.72	18.45	608	158.72	291.86	341.24	327.47	137.87	51.88	227.34	93.51	PHASE
				18.97	3.83	6.18	.88	.68	1.88	1.21	2.32	AMP
144	29.85	28.26	609	151.22	291.88	338.29	325.81	128.82	37.19	238.11	77.53	PHASE
				12.38	4.83	5.47	.73	.91	1.23	1.16	2.62	AMP
145	38.48	21.24	606	158.73	284.98	331.22	325.82	187.51	38.82	228.64	76.89	PHASE

TABLE VII.- Continued

(a) Continued

CHORDWISE 51 PERCENT RADIUS												
	RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	29.00	19.05	600	5.60	1.12	1.36	1.47	4.42	4.85	1.19	.97	AMP
				257.60	90.53	258.62	13.47	13.81	223.19	332.36	177.65	PHASE
109	28.15	23.96	600	9.30	1.78	2.75	2.50	4.50	4.91	332.36	177.65	PHASE
				277.31	97.03	270.34	2.34	24.22	219.74	25.45	159.46	PHASE
110	27.72	25.11	607	11.91	3.40	1.01	3.47	5.57	3.39	2.46	1.85	AMP
				302.00	100.02	268.55	352.20	346.57	292.22	3.95	145.70	PHASE
111	27.00	32.19	607	16.31	5.05	2.50	5.01	7.07	5.26	2.69	2.01	AMP
				311.97	102.30	195.37	332.02	344.86	334.12	.66	113.37	PHASE
112	25.79	39.94	606	21.04	6.38	4.50	6.38	8.09	6.35	2.04	2.01	AMP
				321.89	109.57	209.16	336.03	319.19	22.46	25.91	151.23	PHASE
113	23.12	56.54	605	28.06	8.18	8.34	8.01	10.93	13.05	3.56	.55	AMP
				329.94	106.42	210.61	320.91	2.05	37.06	254.96	136.26	PHASE
114	19.62	73.92	603	37.70	9.73	12.14	12.22	11.46	17.18	7.18	1.01	AMP
				340.15	116.42	235.60	336.51	36.73	01.44	296.95	43.81	PHASE
115	15.23	03.52	607	50.70	10.07	16.30	16.12	7.74	12.70	9.44	1.77	AMP
				340.02	113.23	235.57	316.76	.05	26.00	200.00	103.04	PHASE
116	10.91	102.93	604	61.63	11.19	17.70	13.17	6.20	29.27	6.60	2.52	AMP
				346.05	123.89	244.47	318.57	346.72	15.39	1.59	116.92	PHASE
117	7.96	116.29	600	66.03	9.23	15.05	7.06	3.00	36.05	0.56	3.91	AMP
				351.06	135.24	262.81	314.79	49.46	40.05	03.28	129.73	PHASE
118	6.36	137.02	600	72.93	8.37	11.66	4.76	5.73	40.50	14.99	6.03	AMP
				340.20	131.34	256.30	229.97	139.56	45.07	100.64	127.56	PHASE
119	21.26	20.16	609	10.20	1.05	2.71	1.06	1.75	2.01	.06	.91	AMP
				254.92	04.50	234.37	359.47	11.04	103.32	350.79	167.45	PHASE
120	20.73	25.01	600	13.52	3.44	3.01	1.13	.66	7.66	.61	1.00	AMP
				202.60	103.05	301.97	53.29	351.30	313.59	210.07	154.72	PHASE
121	20.00	33.99	600	17.03	5.64	1.02	1.97	2.42	12.94	.91	2.10	AMP
				295.97	104.13	306.12	4.90	306.73	329.16	19.67	147.21	PHASE
122	10.74	41.79	600	22.40	8.16	1.95	4.24	4.99	11.44	3.96	1.12	AMP
				307.25	101.06	210.50	332.53	312.67	327.03	45.09	137.07	PHASE
123	16.40	51.19	607	20.73	10.96	4.94	6.70	7.04	13.05	3.03	1.09	AMP
				322.65	109.35	229.90	341.47	357.48	355.96	115.00	135.00	PHASE
124	12.23	64.43	606	30.55	12.59	9.30	9.00	6.47	11.00	4.15	3.31	AMP
				335.03	116.00	251.44	347.36	26.77	.97	245.44	353.12	PHASE
125	8.02	75.07	609	47.04	13.95	13.65	12.00	6.32	16.54	3.91	4.26	AMP
				335.73	100.27	241.12	321.00	335.65	330.26	265.21	312.32	PHASE
126	4.71	90.01	600	60.10	14.12	16.23	13.30	0.10	24.77	3.17	5.09	AMP
				346.20	119.67	261.42	330.04	350.01	.04	267.51	317.16	PHASE
127	2.05	110.62	605	69.14	11.69	17.94	10.29	7.21	19.19	1.39	6.59	AMP
				353.82	144.60	201.35	331.32	32.64	61.59	296.07	314.03	PHASE
128	1.53	113.24	607	73.34	9.52	16.10	6.17	3.26	21.00	6.73	5.00	AMP
				349.84	140.37	276.24	275.36	57.50	55.25	116.16	256.16	PHASE
129	19.44	16.05	600	4.63	.01	1.63	1.96	4.20	4.52	1.37	1.00	AMP
				279.24	106.79	274.97	16.93	13.67	169.93	315.25	167.67	PHASE
130	10.71	19.71	609	7.19	1.64	2.99	2.00	2.06	4.70	1.07	1.69	AMP
				209.70	111.46	277.72	17.30	32.75	222.10	347.00	175.54	PHASE
131	10.10	27.20	600	12.50	3.24	2.05	4.40	4.32	3.06	2.01	3.29	AMP
				307.03	100.57	266.54	.07	336.09	.02	350.43	156.56	PHASE
132	10.06	35.00	609	17.92	4.49	4.13	5.93	7.06	6.74	1.10	3.02	AMP
				321.35	110.09	217.44	343.65	330.60	28.15	160.04	124.11	PHASE
133	17.39	49.22	600	24.06	5.37	6.95	7.06	9.49	13.74	4.07	4.30	AMP
				330.04	116.11	227.69	350.65	356.75	39.15	230.67	130.32	PHASE
134	16.13	63.55	600	32.05	6.20	10.03	10.13	10.03	20.00	9.11	5.17	AMP
				339.06	115.90	237.20	346.27	4.77	44.66	263.13	116.05	PHASE
135	14.14	70.47	600	41.41	7.69	14.56	12.23	9.93	27.05	1.07	6.43	AMP
				339.95	105.92	230.25	329.25	352.70	27.49	254.03	70.44	PHASE
136	12.10	04.59	607	52.70	9.40	16.56	10.42	4.17	20.30	10.31	0.02	AMP
				346.64	110.52	238.30	338.39	25.10	41.65	316.36	00.20	PHASE
137	10.79	105.36	600	64.02	10.34	14.65	2.12	5.00	30.69	10.66	0.02	AMP
				352.72	117.61	245.49	10.32	193.92	50.51	69.47	06.66	PHASE
138	9.75	119.46	604	71.70	10.12	11.34	8.30	9.23	26.04	20.27	0.52	AMP
				354.55	117.54	232.22	131.20	156.36	55.76	05.42	61.01	PHASE
139	19.10	19.39	600	8.23	1.91	1.60	3.69	3.57	6.31	1.30	1.00	AMP
				313.34	109.03	250.70	20.10	326.22	300.20	44.70	134.54	PHASE
140	10.43	28.95	600	13.39	2.77	3.52	4.00	5.30	7.69	1.07	2.07	AMP
				324.45	111.40	214.15	3.99	332.03	345.05	122.05	123.54	PHASE
141	10.02	30.06	600	19.70	3.23	6.14	6.12	6.74	10.00	3.67	2.07	AMP
				335.75	120.23	224.39	5.74	354.10	16.60	209.30	00.21	PHASE
142	17.48	40.55	600	26.65	3.59	9.10	0.01	5.00	12.27	5.91	2.25	AMP
				341.41	124.17	230.24	5.50	359.54	22.07	230.07	04.12	PHASE
143	16.30	56.51	600	35.52	3.03	12.90	10.55	4.07	17.43	5.02	2.95	AMP
				345.12	121.70	233.34	351.76	351.95	2.16	254.10	55.58	PHASE
144	14.43	69.00	609	45.52	4.33	16.20	12.33	2.99	26.17	4.25	3.31	AMP
				347.53	117.44	235.55	343.37	300.37	351.03	267.19	27.30	PHASE
145	11.01	02.09	606	50.51	5.73	10.20	11.56	4.65	26.94	1.20	5.51	AMP
				352.76	117.75	236.20	324.96	253.25	350.60	75.30	359.59	PHASE

TABLE VII.- Continued

(a) Continued

TORSION 5% PERCENT RADIUS												
RUN NO 7												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	5.27	4.38	608	3.27	.92	.38	.32	.55	.85	.16	.19	AMP
108				338.78	99.48	34.65	217.92	278.74	386.16	232.78	59.58	PHASE
109	3.53	4.49	608	3.38	.89	.21	.55	.69	.87	.13	.23	AMP
109				348.83	93.66	28.45	213.95	249.58	278.87	223.41	42.79	PHASE
110	2.82	4.92	607	3.41	.96	.18	.68	.71	.22	.19	.25	AMP
110				353.84	91.97	51.85	228.15	258.27	299.21	328.56	55.93	PHASE
111	.43	6.22	607	3.85	.99	.88	1.82	1.82	.38	.32	.29	AMP
111				355.43	73.39	79.69	281.14	225.68	272.33	388.84	17.39	PHASE
112	-.96	7.54	606	4.32	1.11	.28	1.38	1.36	.42	.39	.44	AMP
112				1.98	71.19	147.89	289.77	236.25	297.46	319.29	36.38	PHASE
113	-2.76	8.58	605	4.93	1.25	.46	1.78	1.42	.52	.52	.44	AMP
113				3.16	63.83	153.81	288.24	235.82	293.35	316.48	16.56	PHASE
114	-4.37	9.55	603	5.64	1.45	.87	2.14	1.35	.64	.55	.55	AMP
114				18.48	73.26	173.75	219.91	265.38	333.53	2.55	66.18	PHASE
115	-6.12	9.78	607	6.68	1.55	1.86	2.18	.92	.64	.67	.57	AMP
115				6.29	62.65	173.59	286.91	254.63	297.81	299.83	4.54	PHASE
116	-8.52	12.88	604	8.27	1.78	1.35	2.35	1.14	1.51	1.34	.78	AMP
116				.89	52.63	193.55	222.56	273.29	287.47	382.83	337.49	PHASE
117	-18.19	14.93	608	9.72	2.89	1.71	2.12	.97	1.14	1.38	.88	AMP
117				1.28	57.13	215.69	251.47	339.27	388.84	313.94	351.28	PHASE
118	-11.58	16.54	608	18.92	2.26	2.81	1.82	.74	1.34	1.97	1.33	AMP
118				358.18	56.84	224.63	261.82	4.78	277.35	299.15	339.38	PHASE
119	3.93	4.68	609	3.59	1.87	.29	.13	.49	.15	.16	.89	AMP
119				331.17	181.86	36.35	232.98	318.68	328.21	244.58	88.85	PHASE
120	2.33	4.63	608	3.54	1.83	.28	.13	.41	.14	.18	.14	AMP
120				346.73	189.12	69.89	219.82	337.12	353.87	256.81	92.84	PHASE
121	.71	4.49	608	3.68	1.86	.22	.38	.31	.18	.13	.26	AMP
121				352.25	98.23	182.44	191.65	276.45	274.38	249.88	53.65	PHASE
122	-.84	5.36	608	4.88	1.85	.32	.71	.38	.28	.12	.25	AMP
122				353.89	83.78	121.73	184.78	231.85	238.34	255.59	14.44	PHASE
123	-2.45	6.66	607	4.48	1.13	.68	1.12	.49	.36	.21	.23	AMP
123				359.95	82.19	151.21	281.52	258.98	288.48	318.65	44.78	PHASE
124	-4.17	7.57	606	5.88	1.24	.86	1.42	.34	.19	.19	.12	AMP
124				5.49	83.65	178.92	221.72	256.52	288.57	291.68	78.84	PHASE
125	-5.83	8.86	609	5.87	1.49	.99	1.66	.46	.33	.44	.22	AMP
125				2.09	67.48	163.17	283.89	193.88	247.88	295.64	18.28	PHASE
126	-7.88	11.88	608	7.11	1.58	.98	1.55	.68	.84	.78	.18	AMP
126				3.15	68.82	212.81	233.55	221.12	295.71	337.25	37.87	PHASE
127	-18.62	15.28	605	9.67	2.27	.98	1.72	1.24	1.94	1.27	.52	AMP
127				1.87	56.98	227.24	272.35	323.12	2.85	45.45	112.36	PHASE
128	-12.29	16.98	607	11.61	2.98	1.62	2.86	1.78	1.83	1.81	.56	AMP
128				355.74	54.17	222.34	283.95	358.28	3.86	32.18	73.82	PHASE
129	3.28	4.35	608	3.28	.82	.18	.48	.37	.15	.23	.13	AMP
129				334.87	86.69	27.26	222.88	264.38	32.94	268.89	72.78	PHASE
130	1.91	4.48	609	3.45	.78	.87	.62	.56	.19	.19	.18	AMP
130				347.27	89.35	88.79	222.77	282.87	17.69	277.24	81.79	PHASE
131	.38	5.15	608	3.82	.77	.15	.81	.78	.28	.23	.27	AMP
131				354.95	88.48	141.18	215.53	275.33	336.79	382.52	71.88	PHASE
132	-1.28	6.76	609	4.31	.89	.34	1.14	1.25	.51	.36	.47	AMP
132				357.72	63.81	155.82	282.81	248.88	294.79	288.23	27.89	PHASE
133	-2.78	8.85	608	4.89	.99	.68	1.55	1.65	.68	.34	.47	AMP
133				3.48	68.73	165.31	287.84	257.48	311.62	384.78	38.92	PHASE
134	-4.47	9.27	608	5.68	1.18	.93	2.88	1.98	.72	.38	.56	AMP
134				6.99	58.68	169.17	286.58	261.84	386.28	313.88	25.18	PHASE
135	-6.11	18.37	608	6.39	1.37	1.35	2.31	2.88	.89	.41	.63	AMP
135				5.58	52.77	157.13	198.66	247.84	286.65	289.86	351.96	PHASE
136	-7.93	11.36	607	7.57	1.55	1.61	2.18	2.81	1.12	.54	.77	AMP
136				7.87	54.83	174.56	218.27	288.27	388.33	279.28	334.49	PHASE
137	-18.13	14.67	608	9.41	1.84	1.88	1.94	2.15	1.37	1.88	1.23	AMP
137				6.42	55.97	288.13	247.79	314.79	312.17	283.86	335.28	PHASE
138	-11.38	15.81	604	18.54	1.94	2.84	1.98	2.87	1.78	1.69	1.71	AMP
138				2.48	58.37	214.55	266.97	311.83	285.79	277.68	328.39	PHASE
139	.72	4.21	608	3.44	.55	.11	.66	.44	.13	.11	.15	AMP
139				352.53	88.78	88.43	213.47	269.93	15.79	263.42	64.29	PHASE
140	-.67	4.96	608	3.81	.59	.18	.78	.65	.22	.12	.19	AMP
140				356.73	64.45	122.71	284.28	253.14	315.82	264.45	28.87	PHASE
141	-2.25	5.99	608	4.48	.64	.31	.95	.97	.31	.89	.21	AMP
141				2.89	57.15	151.29	287.95	268.13	315.31	264.82	11.77	PHASE
142	-3.85	7.84	608	5.83	.76	.52	1.14	1.15	.38	.82	.21	AMP
142				6.86	52.86	154.97	283.29	256.99	382.28	178.21	4.83	PHASE
143	-5.61	8.85	608	5.78	.91	.82	1.36	1.26	.48	.18	.23	AMP
143				8.11	58.82	155.52	194.69	252.66	288.78	123.42	338.82	PHASE
144	-7.31	9.12	609	6.56	1.14	1.14	1.57	1.32	.65	.15	.38	AMP
144				9.18	49.29	153.88	183.18	244.22	277.83	121.39	318.84	PHASE
145	-8.94	18.22	606	7.56	1.36	1.48	1.63	1.27	.88	.18	.46	AMP
145				9.89	49.25	158.59	177.97	242.96	268.18	212.74	387.43	PHASE

TABLE VII.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	-3.61	16.03	608	9.11	4.13	1.52	1.63	1.95	.19	.50	1.84 AMP
				127.89	287.32	266.62	40.87	210.56	190.17	103.67	347.63 PHASE
109	-1.56	17.39	608	9.38	4.45	1.58	2.02	2.08	.29	.38	2.39 AMP
				133.46	280.94	302.96	41.97	193.38	182.06	173.86	347.20 PHASE
110	.85	18.87	607	9.32	5.29	2.13	2.35	1.54	.24	.32	1.68 AMP
				14.21	284.24	327.14	56.34	203.50	220.52	271.98	11.35 PHASE
111	1.73	20.00	607	9.98	5.82	2.70	2.82	1.98	.30	.62	1.94 AMP
				142.76	273.84	322.82	39.37	150.47	206.16	273.08	338.44 PHASE
112	3.32	23.52	606	10.62	6.48	3.41	2.96	2.94	.50	.85	2.59 AMP
				148.04	276.56	332.13	49.96	156.83	233.11	292.95	2.45 PHASE
113	5.38	25.47	605	11.61	7.06	4.07	3.49	2.93	.66	1.19	2.67 AMP
				147.90	271.61	334.06	43.94	153.92	235.57	288.11	348.20 PHASE
114	7.19	26.77	603	12.55	7.48	4.65	3.96	2.25	.94	.95	3.52 AMP
				154.22	282.59	355.77	68.97	182.64	269.11	341.74	43.36 PHASE
115	8.92	27.36	607	14.06	7.95	4.79	4.36	.77	1.44	.79	3.21 AMP
				150.70	276.66	345.85	49.62	186.99	233.26	256.27	7.44 PHASE
116	10.43	31.75	604	15.55	8.66	4.68	5.22	1.81	1.67	1.96	3.95 AMP
				150.66	280.54	340.92	37.65	356.97	238.70	281.14	339.20 PHASE
117	11.47	34.29	608	16.98	8.50	4.15	5.99	3.07	1.38	2.18	4.21 AMP
				152.01	286.96	352.93	47.62	15.45	251.35	299.70	5.08 PHASE
118	12.12	35.22	608	17.96	8.66	3.28	5.01	3.61	1.25	4.99	4.99 AMP
				140.98	284.00	347.20	38.97	20.24	241.17	295.68	334.25 PHASE
119	-4.00	15.84	609	9.94	5.28	1.48	.81	1.93	.11	.55	.89 AMP
				127.59	283.50	273.10	35.00	234.23	140.56	179.80	4.16 PHASE
120	-2.99	17.03	608	9.85	6.17	1.43	1.12	1.59	.06	.37	1.34 AMP
				139.56	291.47	327.19	50.74	262.52	220.22	210.39	26.03 PHASE
121	-1.20	17.14	608	9.92	6.74	1.92	1.62	.90	.19	.26	1.69 AMP
				142.53	283.79	340.04	44.48	260.75	106.99	126.42	355.42 PHASE
122	.72	18.51	608	10.50	7.03	2.60	2.31	1.40	.20	.06	1.04 AMP
				141.50	273.19	342.00	36.12	295.84	109.21	155.11	326.79 PHASE
123	2.69	19.85	607	11.15	7.28	3.42	2.89	1.15	.47	.17	1.17 AMP
				146.68	270.99	2.22	53.31	334.63	228.14	267.15	25.53 PHASE
124	4.87	21.13	606	11.98	7.56	3.52	3.42	1.84	.45	.75	1.35 AMP
				150.00	282.26	17.78	68.36	28.37	267.35	254.09	113.19 PHASE
125	6.07	23.28	609	12.95	7.50	3.75	3.99	2.34	.66	1.50	1.51 AMP
				146.98	272.30	1.12	54.05	33.56	250.20	247.62	105.07 PHASE
126	8.09	25.90	608	14.36	8.31	2.91	5.01	3.71	.82	1.72	1.44 AMP
				152.49	281.95	15.00	70.31	60.35	300.81	290.54	135.58 PHASE
127	10.67	28.46	605	16.31	8.68	2.27	5.15	3.64	.61	2.30	2.30 AMP
				155.92	297.66	24.23	80.09	73.13	335.94	307.39	137.92 PHASE
128	11.72	31.78	607	18.00	9.33	2.04	5.92	5.03	.46	.73	2.67 AMP
				149.42	284.50	16.85	54.42	43.62	319.32	263.54	61.41 PHASE
129	-2.96	15.85	608	9.41	3.84	1.55	1.58	1.77	.17	.64	2.00 AMP
				128.60	288.77	294.24	54.01	217.32	182.92	192.97	355.00 PHASE
130	-1.19	17.05	609	9.67	4.37	2.11	1.84	2.47	.24	.45	2.35 AMP
				136.70	287.30	320.94	63.87	225.56	225.18	201.76	7.00 PHASE
131	.69	19.30	608	10.29	5.04	2.84	2.31	2.93	.25	.19	2.43 AMP
				141.35	283.74	332.52	61.10	212.36	236.20	169.81	359.98 PHASE
132	2.40	23.05	609	10.96	5.88	3.75	2.96	3.97	.50	.25	3.40 AMP
				142.43	274.15	332.45	46.83	177.09	220.10	327.90	320.25 PHASE
133	4.41	25.47	608	11.80	6.54	4.69	3.40	4.90	.55	.67	3.05 AMP
				147.57	275.91	342.76	56.56	178.39	242.00	346.13	335.97 PHASE
134	6.39	28.15	608	12.88	7.17	5.40	4.17	5.51	.76	.91	4.54 AMP
				150.69	274.69	349.56	59.01	179.93	230.07	357.15	333.96 PHASE
135	8.46	30.77	608	14.12	7.46	6.14	4.65	5.59	1.02	.85	4.95 AMP
				149.20	266.10	344.55	45.32	165.22	212.00	337.54	303.00 PHASE
136	10.33	31.20	607	15.41	8.09	6.30	4.96	4.48	1.05	.49	4.94 AMP
				153.42	269.10	351.10	45.91	176.60	221.18	336.43	300.50 PHASE
137	12.00	32.04	608	16.73	8.42	5.74	5.24	2.05	.86	1.74	5.74 AMP
				155.00	272.17	353.50	35.25	169.51	234.31	296.00	309.62 PHASE
138	12.60	33.76	604	17.13	8.53	4.59	5.03	1.83	4.49	2.03	6.71 AMP
				153.03	271.39	337.31	15.09	113.39	204.61	290.62	295.40 PHASE
139	.66	14.78	608	9.39	3.73	2.24	1.57	1.90	.09	.42	1.49 AMP
				140.12	283.50	321.83	63.54	210.90	98.22	131.64	352.45 PHASE
140	2.46	16.39	608	9.92	4.39	2.98	1.91	2.17	.13	.23	1.71 AMP
				141.73	275.30	324.87	49.03	183.03	130.02	61.79	313.46 PHASE
141	4.44	18.49	608	10.76	5.05	3.73	2.25	3.02	.11	.49	1.95 AMP
				145.07	276.42	339.23	52.65	179.50	176.23	20.70	311.31 PHASE
142	6.40	20.32	608	11.70	5.67	4.60	2.40	3.63	.20	.87	1.90 AMP
				150.12	274.53	343.41	50.36	174.75	202.23	32.66	290.65 PHASE
143	8.59	23.06	604	12.06	6.25	5.50	2.67	4.11	.36	1.00	2.31 AMP
				152.63	271.72	344.81	46.60	173.73	223.82	34.19	271.18 PHASE
144	10.00	25.36	609	14.03	6.70	6.19	2.90	4.44	.66	1.30	2.91 AMP
				154.00	266.83	346.25	40.17	167.69	232.16	37.18	254.72 PHASE
145	12.92	27.36	606	15.65	7.31	6.19	3.57	4.34	.95	1.13	3.09 AMP
				155.02	263.54	345.40	33.27	160.92	227.72	20.69	253.66 PHASE

TABLE VII.- Continued

(a) Continued

CHORDWISE 77 PERCENT RADIUS												
PT NO	RUN NO		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	7	7										
108	16.21	12.69	600	3.98	2.18	1.42	1.44	.55	1.58	.23	.77	AMP
				153.46	285.91	269.92	27.93	309.69	216.06	289.68	337.86	PHASE
109	16.98	14.35	608	3.57	1.94	1.81	1.91	.44	2.08	.17	1.21	AMP
				172.98	279.45	289.81	19.65	53.36	207.82	116.55	346.65	PHASE
110	18.79	12.58	607	2.82	1.85	1.78	2.34	1.35	1.14	.94	.84	AMP
				195.56	285.83	310.88	22.23	321.67	277.88	346.78	52.58	PHASE
111	20.34	14.94	607	2.38	1.48	1.73	3.03	1.85	1.78	1.86	.97	AMP
				216.47	271.98	292.66	357.87	358.48	336.52	343.74	18.71	PHASE
112	21.06	19.36	606	2.35	1.35	2.29	3.59	2.12	2.21	.69	1.18	AMP
				244.29	270.89	291.59	.41	29.93	28.81	358.94	21.50	PHASE
113	21.97	21.25	605	2.84	1.89	2.98	4.44	3.87	5.13	1.99	1.69	AMP
				278.28	261.12	275.21	344.87	23.88	37.18	246.88	1.74	PHASE
114	22.43	25.95	603	4.12	.73	3.96	5.39	3.88	6.69	3.36	3.84	AMP
				304.23	267.42	285.52	359.13	47.73	88.97	287.99	29.97	PHASE
115	22.52	27.92	607	6.31	.72	5.84	6.95	3.49	4.66	4.45	2.66	AMP
				314.84	266.61	268.22	333.29	359.92	29.54	271.63	9.28	PHASE
116	21.94	47.22	604	8.62	.94	7.88	7.66	5.29	11.18	2.96	2.56	AMP
				328.68	281.82	264.88	336.27	357.18	13.88	335.73	358.13	PHASE
117	21.27	48.11	608	18.88	.86	6.96	6.58	5.25	14.13	2.78	3.13	AMP
				337.49	284.78	274.42	358.97	31.86	37.64	56.18	27.68	PHASE
118	20.85	50.49	608	11.86	1.36	6.82	4.11	4.87	15.62	4.53	2.35	AMP
				337.62	253.23	263.58	346.68	58.61	43.28	85.15	4.51	PHASE
119	10.98	11.98	609	4.65	2.62	1.47	.78	1.87	.86	.86	.24	AMP
				163.87	284.23	256.78	28.84	254.34	168.35	171.86	33.27	PHASE
120	12.78	12.83	608	3.84	2.51	1.54	.93	1.17	2.91	.57	.78	AMP
				188.98	294.93	314.24	58.25	268.99	385.52	282.32	68.88	PHASE
121	14.38	15.89	608	3.32	1.96	1.58	1.43	1.37	1.86	1.33	.52	AMP
				288.91	283.35	338.78	24.56	283.36	324.16	48.12	39.45	PHASE
122	15.88	17.39	608	2.92	1.38	1.25	2.19	2.17	4.36	1.66	.88	AMP
				232.84	259.54	328.22	357.87	384.86	323.86	48.89	318.66	PHASE
123	17.28	19.21	607	2.87	.72	1.58	3.18	3.52	5.11	1.36	1.28	AMP
				268.52	232.64	316.51	2.81	342.97	348.36	112.93	351.45	PHASE
124	18.11	21.84	606	4.18	.71	2.36	4.85	4.18	4.99	2.18	1.59	AMP
				303.99	288.57	295.72	1.91	14.48	354.57	244.21	21.13	PHASE
125	18.66	29.95	609	6.81	.61	4.88	5.37	4.58	7.83	2.28	1.25	AMP
				312.19	174.75	273.44	335.56	348.96	327.11	263.27	349.73	PHASE
126	18.87	37.76	608	8.59	.55	5.51	6.84	6.44	18.94	1.53	.88	AMP
				327.26	268.89	279.66	349.78	17.44	358.34	291.98	338.88	PHASE
127	19.33	43.57	605	11.12	1.78	6.35	5.25	6.51	8.84	.16	.88	AMP
				337.22	323.83	289.79	1.15	46.86	57.38	132.79	278.83	PHASE
128	18.39	42.72	607	12.99	1.17	6.47	4.22	6.52	18.81	3.37	.21	AMP
				337.59	313.54	271.32	337.92	35.21	58.63	186.96	381.91	PHASE
129	11.34	12.19	608	4.83	2.83	1.58	1.53	.66	1.83	.52	.72	AMP
				144.57	285.63	295.36	38.31	318.61	165.76	249.78	8.15	PHASE
130	11.78	13.51	609	3.63	2.83	2.21	2.84	.68	2.86	.24	.91	AMP
				162.84	286.32	386.93	37.87	236.31	215.13	273.95	28.63	PHASE
131	13.21	11.85	608	2.68	1.81	2.48	2.73	1.48	1.22	.57	.77	AMP
				184.53	284.81	316.33	24.65	259.41	353.48	342.88	59.24	PHASE
132	15.48	15.65	609	1.74	1.68	2.65	3.66	.58	2.35	.69	.99	AMP
				288.18	269.82	388.92	6.17	286.21	32.67	159.85	4.58	PHASE
133	17.11	17.97	608	1.68	1.61	3.54	4.58	.69	5.12	1.83	1.13	AMP
				256.41	268.85	388.58	9.88	47.39	48.29	221.78	.82	PHASE
134	18.77	21.97	608	2.41	1.48	4.57	5.61	1.41	7.75	3.84	1.77	AMP
				297.12	265.43	295.14	6.86	53.75	46.42	253.48	5.73	PHASE
135	19.84	28.45	608	3.98	1.84	5.55	6.55	1.68	11.83	4.11	2.87	AMP
				389.38	258.24	281.14	348.84	45.11	27.66	243.38	348.33	PHASE
136	28.98	32.56	607	6.24	.48	6.21	6.62	2.85	11.43	3.95	2.58	AMP
				325.57	238.78	277.49	354.87	91.66	43.21	384.78	1.42	PHASE
137	21.68	39.98	608	9.82	.62	6.42	5.84	3.68	12.41	4.23	2.78	AMP
				338.38	159.69	272.66	6.62	119.98	58.98	58.98	11.29	PHASE
138	21.57	44.73	604	18.35	.99	6.75	2.74	4.62	11.26	7.73	3.93	AMP
				343.88	181.45	252.48	13.53	114.99	56.65	75.18	339.41	PHASE
139	13.87	18.95	608	2.76	1.65	2.88	2.22	1.28	2.38	.64	.75	AMP
				162.16	284.24	387.28	35.87	266.87	293.15	68.79	48.39	PHASE
140	14.84	11.32	608	1.63	1.61	2.23	2.86	.86	2.86	1.81	.31	AMP
				179.91	273.47	297.13	18.76	281.69	341.29	188.88	3.35	PHASE
141	16.22	13.99	608	.87	1.67	2.89	3.68	.48	3.78	1.41	.72	AMP
				237.86	274.93	297.48	18.77	353.38	13.94	197.61	344.21	PHASE
142	17.87	14.81	608	1.68	1.77	3.85	4.37	.59	4.68	2.88	.73	AMP
				297.81	273.66	293.54	11.59	92.58	21.53	228.28	332.55	PHASE
143	19.63	28.31	608	3.14	1.76	5.18	5.48	.91	6.51	1.97	.92	AMP
				313.71	277.49	287.87	2.57	135.88	359.47	248.83	386.44	PHASE
144	28.79	26.97	609	4.98	1.66	6.12	6.28	1.33	9.91	1.14	1.56	AMP
				321.59	278.78	281.88	352.86	168.68	346.88	273.28	288.94	PHASE
145	21.98	31.47	606	7.11	1.45	6.67	6.11	1.98	18.25	1.15	2.82	AMP
				333.19	277.42	272.85	348.76	178.57	355.38	59.84	296.87	PHASE

TABLE VII.- Continued

(a) Continued

TORSION 75 PERCENT RADIUS												
PT NO	RUN NO	7	S									
				MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P
108	1.07	3.46	608	2.05	.93	.29	.21	.29	.06	.16	.18	AMP
				315.99	98.52	47.24	244.57	278.18	24.82	343.03	149.43	PHASE
109	.34	3.54	608	2.04	.89	.19	.34	.37	.08	.13	.27	AMP
				329.63	97.57	48.26	231.15	262.51	7.18	9.77	141.52	PHASE
110	-1.05	3.53	607	2.10	.93	.17	.38	.32	.18	.14	.17	AMP
				348.59	99.02	66.71	238.84	272.94	2.77	37.19	146.67	PHASE
111	-2.48	4.21	607	2.47	.86	.12	.57	.48	.12	.16	.21	AMP
				352.87	86.42	78.27	210.49	237.43	324.24	8.25	113.87	PHASE
112	-3.69	4.93	606	2.86	.87	.21	.76	.68	.20	.17	.25	AMP
				.60	86.64	123.54	216.96	244.44	333.47	31.32	141.08	PHASE
113	-5.29	6.04	605	3.38	.95	.36	1.01	.81	.30	.24	.33	AMP
				3.27	80.14	138.12	202.15	239.76	320.55	24.64	123.22	PHASE
114	-6.65	7.01	603	3.08	.99	.68	1.24	.84	.37	.27	.49	AMP
				11.32	93.22	158.34	216.98	263.22	351.93	60.22	172.77	PHASE
115	-8.11	7.66	607	4.57	1.04	.78	1.38	.66	.33	.15	.52	AMP
				8.79	92.60	148.46	198.64	243.38	341.35	51.80	156.59	PHASE
116	-9.66	9.09	604	5.52	1.02	.85	1.52	.69	.52	.22	.37	AMP
				5.07	95.86	155.16	204.65	238.52	285.20	304.77	134.99	PHASE
117	-10.64	9.67	608	6.19	1.16	1.02	1.62	.55	.46	.24	.35	AMP
				6.98	102.04	166.02	219.41	264.76	299.87	275.33	192.66	PHASE
118	-11.15	10.37	608	6.57	1.08	.89	1.52	.48	.36	.61	.15	AMP
				3.37	96.63	161.74	215.53	262.28	263.47	244.42	221.85	PHASE
119	.92	3.64	609	2.29	1.17	.26	.16	.29	.11	.17	.08	AMP
				316.93	95.89	28.53	292.61	321.14	350.83	341.48	184.78	PHASE
120	-5.53	3.53	608	2.23	1.18	.16	.14	.25	.14	.09	.11	AMP
				336.80	106.91	37.14	291.52	346.77	14.21	5.81	193.81	PHASE
121	-2.00	3.52	608	2.35	1.16	.07	.19	.16	.14	.11	.11	AMP
				346.35	99.89	48.31	240.20	300.98	339.94	307.48	135.59	PHASE
122	-3.44	3.94	608	2.64	1.09	.88	.38	.21	.15	.12	.15	AMP
				349.15	87.37	121.19	207.10	240.64	293.04	203.63	112.64	PHASE
123	-4.86	4.91	607	2.98	1.02	.22	.55	.25	.25	.15	.11	AMP
				357.98	90.55	165.73	213.45	253.36	312.46	346.68	139.32	PHASE
124	-6.34	6.33	606	3.42	.99	.10	.00	.30	.23	.11	.14	AMP
				5.30	94.75	183.15	223.05	262.30	353.36	63.35	240.71	PHASE
125	-7.68	6.64	609	3.88	1.01	.82	.91	.31	.08	.15	.05	AMP
				4.68	85.81	161.86	201.43	207.70	336.64	46.99	275.12	PHASE
126	-8.93	7.55	608	4.52	1.09	.59	1.12	.66	.34	.07	.10	AMP
				11.55	103.22	183.85	216.73	203.21	247.31	357.87	251.20	PHASE
127	-10.55	9.84	605	5.93	1.29	.70	1.35	.08	.83	.55	.22	AMP
				11.85	105.66	183.68	246.50	275.50	331.50	19.80	330.85	PHASE
128	-11.30	10.73	607	6.58	1.32	.72	1.38	.67	.08	.46	.27	AMP
				3.78	87.50	172.17	237.42	291.46	329.29	355.19	259.25	PHASE
129	.70	3.47	608	2.01	.84	.23	.29	.24	.19	.19	.21	AMP
				317.24	93.88	64.33	247.55	262.43	64.13	359.90	150.14	PHASE
130	-5.56	3.54	609	2.04	.82	.18	.40	.31	.16	.16	.25	AMP
				334.84	100.44	93.05	246.16	284.09	61.56	18.32	166.40	PHASE
131	-1.94	3.07	608	2.30	.77	.18	.51	.40	.16	.13	.27	AMP
				347.79	98.37	111.79	235.79	279.48	36.46	6.01	140.07	PHASE
132	-3.37	4.90	609	2.67	.76	.27	.77	.63	.20	.13	.36	AMP
				353.98	85.20	128.55	215.37	251.29	342.70	335.66	105.52	PHASE
133	-4.00	5.86	608	3.13	.78	.44	.99	.85	.31	.08	.43	AMP
				1.62	83.15	144.83	215.53	258.35	348.45	3.66	122.81	PHASE
134	-6.32	6.01	608	3.72	.85	.63	1.30	1.05	.41	.10	.54	AMP
				6.37	80.05	154.34	211.25	260.47	341.05	7.36	124.21	PHASE
135	-7.75	7.02	608	4.33	.89	.85	1.52	1.12	.50	.14	.59	AMP
				5.53	74.07	146.41	192.74	241.00	313.42	324.53	93.85	PHASE
136	-9.28	8.98	607	5.20	.86	.89	1.54	1.11	.70	.14	.52	AMP
				6.82	75.01	159.49	207.14	269.44	334.84	336.87	108.59	PHASE
137	-10.94	9.90	608	6.36	.81	.86	1.49	1.22	.77	.18	.32	AMP
				6.07	72.03	177.04	228.00	302.02	340.23	261.69	101.44	PHASE
138	-11.63	10.21	604	6.85	.74	.61	1.44	1.40	.80	.32	.26	AMP
				1.83	59.40	176.67	230.40	297.33	322.55	240.20	81.50	PHASE
139	-1.55	2.96	608	1.98	.60	.14	.34	.21	.09	.08	.15	AMP
				344.08	97.89	100.57	234.31	271.42	49.64	346.21	141.74	PHASE
140	-0.00	3.28	608	2.24	.55	.17	.46	.30	.11	.05	.18	AMP
				352.02	87.62	116.11	217.46	254.70	345.73	304.14	92.70	PHASE
141	-4.22	4.05	608	2.72	.54	.26	.63	.45	.20	.03	.24	AMP
				1.33	83.00	142.73	215.01	260.93	336.81	202.34	96.17	PHASE
142	-5.64	4.73	600	3.24	.59	.41	.78	.55	.28	.06	.26	AMP
				5.95	78.16	146.96	207.11	250.27	324.76	222.66	92.05	PHASE
143	-7.27	5.50	606	3.69	.36	.61	.98	.60	.34	.11	.30	AMP
				8.45	75.37	147.61	197.90	253.70	313.68	204.97	75.05	PHASE
144	-8.79	6.37	609	4.55	.75	.79	1.16	.59	.36	.19	.35	AMP
				9.71	70.82	146.41	186.68	242.49	299.91	211.96	59.43	PHASE
145	-10.15	7.30	606	5.17	.73	.84	1.24	.55	.42	.26	.36	AMP
				10.14	71.42	145.04	178.50	235.96	206.44	226.36	50.68	PHASE

TABLE VII.- Continued

(a) Concluded

PITCH LINK												
RUN NO 7												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	-4.68	5.62	608	4.14	.84	.38	.41	.57	.29	.47	.37	AMP
				162.97	282.43	244.02	21.48	112.07	76.60	30.67	170.45	PHASE
109	-3.84	5.98	608	4.40	.84	.19	.73	.79	.35	.44	.61	AMP
				177.57	268.20	232.23	24.95	78.22	62.52	32.33	150.00	PHASE
110	-1.77	7.81	607	4.90	1.84	.39	.97	.88	.54	.44	.42	AMP
				181.23	260.56	248.93	29.34	70.09	86.14	93.52	174.06	PHASE
111	-.37	9.20	607	5.74	1.25	.43	1.40	1.40	.77	.51	.51	AMP
				182.02	241.53	265.72	15.32	49.79	69.05	84.57	135.79	PHASE
112	.07	10.79	606	6.56	1.49	.57	1.72	1.96	.81	.72	.72	AMP
				190.18	241.24	307.74	24.98	67.00	87.04	103.46	169.12	PHASE
113	2.47	12.30	605	7.00	1.92	1.04	2.23	1.90	.85	.81	.93	AMP
				190.16	235.31	317.29	22.49	64.34	82.05	100.50	151.32	PHASE
114	4.84	15.05	603	9.49	2.48	1.75	2.82	1.95	.70	.80	1.28	AMP
				195.70	243.35	350.18	49.43	95.95	130.09	145.16	199.37	PHASE
115	5.90	17.19	607	11.57	2.69	2.43	2.81	1.35	1.07	1.20	1.61	AMP
				191.47	237.65	7.24	45.83	75.01	84.69	114.52	165.01	PHASE
116	8.26	21.73	604	14.93	2.59	3.11	2.70	2.00	2.09	2.16	1.00	AMP
				180.39	235.19	26.47	51.92	59.07	104.03	118.64	120.36	PHASE
117	9.90	26.51	608	17.16	2.82	3.59	2.68	1.25	1.53	2.10	2.18	AMP
				180.60	235.67	43.43	74.81	73.85	130.24	125.45	146.25	PHASE
118	11.07	31.05	608	19.00	3.12	4.25	2.25	.91	1.40	3.13	3.13	AMP
				186.31	232.43	43.13	79.95	30.60	100.25	113.95	132.62	PHASE
119	-4.78	6.61	609	4.51	.85	.48	.12	.59	.20	.44	.10	AMP
				170.10	287.27	269.22	11.96	150.65	100.20	30.01	233.34	PHASE
120	-3.27	6.73	608	4.76	.95	.55	.23	.42	.27	.44	.23	AMP
				179.33	284.50	203.86	15.04	165.75	137.07	61.07	220.02	PHASE
121	-1.72	7.26	608	5.36	1.14	.75	.59	.42	.29	.24	.24	AMP
				182.06	267.68	205.07	5.01	70.07	87.67	22.25	181.15	PHASE
122	-.18	8.77	608	6.15	1.45	.91	.99	.60	.34	.13	.39	AMP
				181.32	253.91	298.28	13.77	47.41	52.00	330.42	151.37	PHASE
123	1.47	11.03	607	7.51	1.03	1.30	1.51	.64	.33	.15	.30	AMP
				185.20	256.20	325.56	36.67	64.57	96.53	63.26	219.70	PHASE
124	3.52	14.33	606	9.37	2.14	1.63	1.69	.52	.45	.55	.57	AMP
				189.46	264.06	6.50	71.53	30.01	44.26	93.33	292.34	PHASE
125	5.42	16.48	609	11.39	2.48	1.66	1.60	1.38	.92	1.00	.57	AMP
				186.11	255.05	5.00	51.20	3.02	50.12	90.29	291.13	PHASE
126	7.76	19.34	608	14.10	2.20	1.92	1.51	2.41	1.50	1.29	.61	AMP
				189.32	250.50	54.64	68.45	40.67	115.64	123.03	2.03	PHASE
127	10.64	20.10	605	17.91	2.50	2.77	2.73	2.73	2.62	2.50	1.04	AMP
				190.03	243.25	69.94	85.90	99.27	102.55	204.62	294.59	PHASE
128	12.44	31.52	607	20.63	3.21	3.03	2.06	1.61	2.76	1.01	1.24	AMP
				183.40	235.17	54.18	95.31	107.76	191.77	100.70	224.00	PHASE
129	-3.49	5.66	608	4.03	.65	.12	.54	.47	.18	.56	.45	AMP
				171.66	259.00	240.05	40.68	112.07	133.40	40.00	162.74	PHASE
130	-2.26	6.10	609	4.53	.61	.12	.75	.73	.36	.49	.59	AMP
				182.65	259.00	252.07	30.04	120.14	130.04	67.70	171.30	PHASE
131	-.95	7.10	608	4.06	.69	.16	1.05	1.15	.62	.35	.63	AMP
				189.46	246.45	307.30	30.51	111.59	123.30	80.21	160.90	PHASE
132	.46	9.20	609	5.06	1.00	.43	1.36	1.03	.96	.43	.07	AMP
				186.03	224.60	329.69	15.34	05.07	97.07	96.52	133.50	PHASE
133	1.94	11.07	608	6.90	1.17	.82	1.07	2.30	1.00	.60	1.21	AMP
				192.04	229.11	350.09	23.90	96.66	107.30	121.72	140.57	PHASE
134	3.46	12.51	608	8.23	1.47	1.48	2.34	2.75	1.33	.61	1.60	AMP
				194.43	229.75	347.50	24.63	99.07	104.00	133.21	149.12	PHASE
135	5.00	15.65	608	9.03	2.05	2.31	2.01	3.02	1.55	.63	1.09	AMP
				193.15	225.94	335.52	12.10	05.12	06.64	116.03	119.00	PHASE
136	6.96	19.02	607	12.24	2.67	3.14	2.60	3.11	1.65	.77	2.35	AMP
				195.27	231.44	357.11	33.63	107.17	106.10	114.92	123.91	PHASE
137	9.13	25.30	608	15.70	3.21	4.07	2.25	3.04	1.77	1.30	3.00	AMP
				195.13	235.56	10.51	60.60	122.72	119.45	116.97	126.00	PHASE
138	10.29	27.70	604	17.93	3.46	4.09	1.71	2.52	1.97	2.35	4.05	AMP
				191.04	226.09	22.24	73.67	107.70	94.40	102.21	114.56	PHASE
139	-.06	6.42	608	4.21	.45	.00	.71	.72	.22	.24	.37	AMP
				180.77	241.02	207.67	30.49	112.42	118.16	20.92	152.00	PHASE
140	.36	6.54	608	5.02	.55	.14	.82	1.00	.39	.13	.42	AMP
				189.27	225.02	320.26	22.02	90.01	101.07	76.46	110.30	PHASE
141	1.74	8.12	600	5.99	.64	.52	1.06	1.55	.42	.13	.57	AMP
				194.21	216.20	342.43	25.45	90.13	105.96	133.25	114.10	PHASE
142	3.10	9.35	608	7.07	.87	.07	1.25	1.03	.56	.22	.65	AMP
				196.00	216.43	341.48	22.12	95.43	92.60	202.99	106.19	PHASE
143	4.63	11.54	608	8.44	1.30	1.41	1.47	2.06	.76	.40	.70	AMP
				196.03	214.07	343.22	14.94	90.27	82.70	214.55	04.10	PHASE
144	6.20	13.97	609	10.17	1.72	1.90	1.67	2.32	1.06	.60	1.05	AMP
				197.15	210.00	345.96	3.19	00.73	79.97	210.10	76.04	PHASE
145	7.99	17.00	606	12.07	2.19	2.64	1.93	2.64	1.30	.50	1.34	AMP
				197.07	225.72	351.72	357.19	73.93	76.05	193.90	00.96	PHASE

TABLE VII.- Continued

(b) $\mu = 0.30$; $M_T = 0.62$

PT.	A1	M1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
156	-0.8	4.0	4.0	.02478	-.00321	.00257
157	-1.1	5.4	6.0	.03561	-.00538	.00340
158	-1.4	6.6	8.0	.04716	-.00772	.00429
159	-1.9	7.6	10.1	.05977	-.01026	.00530
160	-2.5	8.2	11.9	.07070	-.01237	.00629
161	-3.2	9.2	13.8	.08076	-.01462	.00742
162	-3.3	9.8	15.1	.08819	-.01608	.00821
163	-3.7	10.3	15.9	.09161	-.01696	.00891
164	-.7	4.4	2.0	.02788	-.00162	.00210
165	-1.3	5.2	4.0	.04109	-.00284	.00261
166	-1.4	6.5	5.9	.05173	-.00408	.00322
167	-1.7	7.4	8.1	.06524	-.00536	.00397
168	-2.3	8.2	9.8	.07489	-.00666	.00464
169	-3.1	9.2	11.9	.08662	-.00843	.00568
170	-3.6	10.5	14.0	.09640	-.01019	.00705
171	-3.8	10.8	14.9	.10130	-.01067	.00764
172	-4.3	11.5	16.0	.10493	-.01168	.00862
173	-1.1	3.9	.1	.03363	.00075	.00139
174	-1.4	5.2	2.2	.04621	.00045	.00167
175	-1.6	6.2	3.9	.05648	.00023	.00198
176	-2.0	6.9	6.0	.06989	.00009	.00242
177	-2.4	8.1	8.0	.08066	-.00052	.00312
179	-2.8	9.0	9.9	.09113	-.00090	.00390
180	-3.4	10.0	11.8	.10184	-.00157	.00492
181	-4.3	11.2	13.8	.10855	-.00299	.00648
182	-4.8	12.3	15.0	.11684	-.00428	.00779

TABLE VII.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO		Ø									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
186	48.28	11.89	595	3.42	2.69	2.78	.57	3.99	1.81	.89	.95 AMP
157	49.68	11.46	594	147.73	314.19	344.14	18.34	45.35	388.68	232.98	27.28 PHASE
180	51.16	12.81	595	3.95	2.78	3.31	.73	3.81	.94	.77	.73 AMP
159	52.71	12.52	595	138.17	313.58	341.44	338.89	26.83	267.56	211.39	338.28 PHASE
168	54.89	12.82	594	4.42	3.13	3.54	.81	3.96	.75	.88	.87 AMP
161	55.37	13.53	594	133.75	321.15	346.15	322.83	28.33	277.33	227.78	335.22 PHASE
162	56.19	13.63	594	4.84	3.48	3.65	1.13	4.38	.82	.66	.68 AMP
163	56.73	13.64	594	125.64	338.41	351.68	315.88	35.86	256.92	289.98	341.18 PHASE
164	47.69	13.45	596	5.19	3.71	3.72	1.38	4.29	.82	.99	.53 AMP
165	49.14	13.36	595	118.56	348.47	.28	323.92	57.64	268.12	288.57	354.86 PHASE
166	58.59	13.62	595	5.88	3.84	3.61	1.76	4.26	.91	.86	.22 AMP
167	52.84	13.58	595	188.83	342.68	351.93	311.75	68.18	238.41	198.92	324.42 PHASE
168	53.16	13.24	594	6.48	3.99	3.39	1.88	3.77	.93	1.88	.67 AMP
169	54.52	13.14	595	95.24	341.42	337.14	292.25	48.97	286.68	166.96	264.14 PHASE
170	55.67	13.98	595	6.91	4.85	3.14	2.88	3.67	1.14	1.18	.48 AMP
171	56.11	15.77	595	88.82	344.16	332.38	283.84	51.61	195.34	162.21	263.47 PHASE
172	56.49	18.84	595	4.37	3.33	1.98	.38	4.38	1.21	1.46	1.47 AMP
173	47.89	13.75	595	145.58	311.72	343.14	1.87	56.37	288.66	212.49	31.44 PHASE
174	48.59	13.94	595	4.54	3.68	2.68	.51	3.97	1.18	1.47	1.88 AMP
175	49.74	13.38	594	146.66	328.52	1.42	345.35	81.98	299.98	241.61	58.24 PHASE
176	51.82	12.62	595	4.89	3.76	2.98	.68	3.75	1.14	1.72	.86 AMP
177	52.16	12.57	594	144.52	326.83	18.26	317.34	88.31	385.54	244.45	52.78 PHASE
178	53.17	12.88	596	5.18	3.98	3.87	.78	3.89	1.18	1.97	.82 AMP
179	53.17	12.88	596	136.15	325.86	5.75	291.64	65.41	277.75	225.82	19.79 PHASE
180	54.83	16.86	595	5.26	4.88	3.87	.94	3.89	1.17	1.91	.49 AMP
181	54.77	28.55	595	126.98	328.42	5.55	285.99	67.39	259.95	222.94	39.12 PHASE
182	55.84	28.61	594	5.62	3.84	2.96	1.12	3.93	1.18	1.91	.23 AMP
				116.33	337.82	9.66	274.11	82.44	252.86	225.13	78.92 PHASE
				6.27	4.82	2.78	1.61	3.78	1.58	2.25	.46 AMP
				99.15	344.88	353.39	253.76	86.23	216.82	199.19	152.69 PHASE
				6.63	4.36	2.48	1.91	3.68	1.92	2.72	1.84 AMP
				89.24	344.18	338.42	238.81	181.81	282.52	196.21	158.44 PHASE
				7.55	4.87	2.78	2.68	3.27	2.45	3.84	1.12 AMP
				77.86	358.32	317.46	233.35	118.95	195.54	194.12	155.88 PHASE
				5.15	3.72	1.32	.75	5.12	1.58	1.51	.63 AMP
				147.88	316.86	12.96	59.57	74.27	333.88	255.93	93.12 PHASE
				5.64	3.95	2.25	.74	5.28	1.13	1.69	.48 AMP
				142.48	389.71	11.36	47.83	59.88	383.77	233.88	142.52 PHASE
				5.86	4.16	2.52	.66	4.92	1.85	1.64	.36 AMP
				141.54	311.93	19.26	61.54	63.45	385.42	235.18	176.62 PHASE
				5.81	4.29	2.63	.45	4.57	1.88	1.87	.67 AMP
				137.65	318.28	29.66	78.52	65.39	292.98	252.22	196.98 PHASE
				6.85	4.44	2.65	.33	4.12	1.86	1.75	1.24 AMP
				131.46	322.35	28.91	97.95	79.47	266.22	251.43	188.87 PHASE
				6.14	4.67	2.71	.14	1.36	1.88	2.88	2.49 AMP
				121.15	322.92	23.74	188.17	76.82	236.62	236.61	169.58 PHASE
				6.42	4.91	2.29	.34	1.28	2.19	2.44	3.66 AMP
				185.65	327.18	9.18	268.81	58.82	217.21	228.82	163.86 PHASE
				7.13	5.48	2.33	1.42	1.85	2.85	2.86	4.17 AMP
				87.84	334.67	313.85	256.28	252.12	213.35	213.84	175.48 PHASE
				8.28	6.28	3.85	2.84	1.52	2.13	2.12	3.49 AMP
				75.84	341.97	281.45	245.92	255.44	219.43	213.78	198.78 PHASE

TABLE VII.- Continued

(b) Continued

CHORDWISE 25 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	46.81	28.99	595	6.46	1.94	3.53	3.18	1.87	7.48	1.88	7.48	AMP
				382.88	119.87	217.71	58.75	354.29	327.54	313.88	98.83	PHASE
157	46.98	33.45	594	16.27	3.89	7.67	3.86	4.46	7.55	.88	7.55	AMP
				323.82	116.34	185.18	18.59	318.84	329.87	345.24	52.56	PHASE
158	48.95	48.22	595	28.21	5.88	13.68	5.75	4.38	6.63	1.86	6.63	AMP
				339.26	123.44	195.42	14.28	319.15	333.28	232.16	55.31	PHASE
159	48.64	78.67	595	41.47	5.97	19.55	7.52	3.99	6.94	2.41	6.94	AMP
				348.16	133.19	218.94	17.89	321.82	331.88	279.68	63.86	PHASE
160	48.48	87.49	594	53.86	6.89	24.78	8.64	3.43	7.77	4.14	7.77	AMP
				356.78	143.38	229.71	27.35	325.82	358.24	322.18	86.72	PHASE
161	48.28	184.21	594	67.33	7.11	38.58	18.18	3.88	8.82	5.15	8.82	AMP
				357.32	141.83	238.98	11.66	281.18	352.89	329.81	88.62	PHASE
162	47.58	121.35	594	82.33	7.65	34.18	11.64	5.25	8.68	5.31	8.68	AMP
				356.97	142.67	226.11	358.15	229.38	328.18	322.73	56.31	PHASE
163	47.57	128.42	594	98.29	8.21	35.57	12.96	6.42	18.16	5.46	18.16	AMP
				356.68	148.28	225.68	337.96	228.45	332.66	327.56	55.29	PHASE
164	43.11	21.61	596	18.17	3.21	4.96	2.58	1.97	5.31	1.57	5.31	AMP
				279.71	187.53	237.58	54.85	11.61	281.46	331.44	33.31	PHASE
165	43.15	38.89	595	17.84	6.37	5.59	2.11	4.87	4.58	2.41	4.58	AMP
				388.19	118.58	228.77	25.84	321.14	13.38	11.75	113.75	PHASE
166	43.87	44.85	595	29.65	8.52	11.85	4.21	6.25	2.18	1.33	6.25	AMP
				328.74	129.11	211.84	19.32	344.61	324.36	42.39	185.48	PHASE
167	42.61	67.33	595	42.57	18.82	16.54	5.51	5.49	4.69	2.41	4.69	AMP
				339.21	129.14	214.51	28.67	352.16	316.53	311.55	85.89	PHASE
168	41.84	81.17	594	52.17	18.82	28.82	6.28	5.92	6.12	4.22	6.12	AMP
				343.55	132.83	221.86	28.29	358.94	338.45	321.37	84.65	PHASE
169	41.89	97.28	595	65.46	11.88	24.96	7.15	6.58	8.19	5.97	8.19	AMP
				349.25	135.25	233.99	33.18	354.38	.83	336.28	97.88	PHASE
170	48.37	119.45	595	84.95	18.54	29.38	8.83	5.47	8.14	6.96	8.14	AMP
				351.66	131.87	233.61	11.28	341.38	359.73	329.87	54.28	PHASE
171	48.27	127.59	595	94.89	18.88	38.52	8.82	6.85	9.17	5.75	9.17	AMP
				355.24	137.22	236.78	4.48	385.84	352.81	346.78	48.58	PHASE
172	41.28	138.71	595	187.85	18.82	31.73	8.81	8.65	13.61	5.29	13.61	AMP
				357.53	141.19	232.36	343.53	284.18	347.22	354.18	24.74	PHASE
173	48.49	29.83	595	15.34	3.46	5.57	2.78	3.82	5.35	.96	5.35	AMP
				273.19	111.83	262.28	66.83	35.35	284.47	26.28	96.21	PHASE
174	39.37	39.99	595	24.29	6.68	5.64	1.48	3.41	8.48	2.28	8.48	AMP
				295.32	186.11	248.13	38.85	387.94	316.22	342.83	88.54	PHASE
175	38.42	45.38	594	32.77	8.96	6.94	3.48	6.41	5.81	2.61	5.81	AMP
				318.39	116.68	222.45	6.59	318.84	316.78	8.47	56.87	PHASE
176	37.88	54.21	595	43.19	11.17	11.86	5.88	6.69	6.72	3.81	6.72	AMP
				327.13	124.96	222.97	38.82	344.31	326.68	9.15	54.62	PHASE
177	35.43	69.18	594	54.46	11.99	16.86	6.44	6.71	8.87	5.42	8.87	AMP
				335.19	128.32	231.33	35.97	354.37	1.52	354.81	63.58	PHASE
179	33.63	88.85	596	65.97	13.85	19.84	6.19	8.81	12.62	6.85	12.62	AMP
				341.24	138.33	234.87	29.58	353.18	6.49	331.54	6.65	PHASE
180	32.59	112.41	595	79.88	14.31	22.82	7.26	8.64	15.53	9.14	15.53	AMP
				348.89	138.48	234.97	15.57	348.98	6.16	318.51	333.98	PHASE
181	34.28	129.62	595	95.71	14.18	27.29	7.41	4.87	12.37	7.17	12.37	AMP
				353.61	132.76	235.27	348.56	388.86	13.12	334.28	351.66	PHASE
182	36.49	144.11	594	189.18	14.47	28.21	6.17	3.48	18.87	2.98	18.87	AMP
				358.87	148.41	235.88	354.67	224.71	27.58	.47	334.98	PHASE

TABLE VII.- Continued

(b) Continued

TORSION 28 PERCENT RADIUS											
RUN NO		8									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	7.25	6.69	595	4.94	.33	.55	.96	1.14	.19	.36	.23
157	5.59	6.68	594	339.75	88.42	343.95	251.87	389.88	85.79	257.31	78.87
158	3.85	7.59	595	5.38	.25	.51	.97	1.87	.11	.27	.89
159	1.88	8.78	595	344.86	47.87	353.18	234.84	293.87	38.91	243.95	45.26
160	.15	10.15	594	6.16	.32	.36	1.17	1.27	.14	.47	.11
161	-1.64	12.88	594	358.95	21.11	359.31	242.96	291.98	9.84	249.37	28.73
162	-2.97	14.17	594	7.18	.36	.14	1.54	1.45	.88	247.81	185.58
163	-3.86	15.45	594	356.98	29.25	387.81	246.25	388.84	33.74	247.81	185.58
164	8.11	7.81	596	7.99	.42	.37	1.72	1.45	.15	.42	.89
165	6.38	7.35	595	4.73	58.38	233.53	261.82	326.37	185.25	265.99	254.47
166	4.49	8.82	595	9.17	.51	.84	1.93	1.53	.29	.45	.15
167	2.51	9.47	595	6.56	88.56	228.15	268.12	336.89	95.67	252.87	234.65
168	.84	11.19	594	18.36	.81	1.41	2.87	1.57	.48	.58	.88
169	-1.45	13.81	595	6.18	89.66	213.98	252.88	331.28	77.23	224.57	247.14
170	-3.99	18.15	595	11.28	1.15	1.76	2.18	1.76	.44	.51	.22
171	-5.53	28.61	595	6.79	94.93	218.62	252.35	333.68	64.12	227.44	258.87
172	-7.29	23.18	595	5.41	.69	.55	1.85	1.82	.32	.52	.36
173	8.79	8.21	595	335.49	183.81	333.53	258.41	317.22	74.99	245.17	73.99
174	6.84	8.46	595	5.89	.51	.49	.97	.96	.28	.49	.21
175	5.16	9.86	594	346.53	92.46	358.88	262.92	347.33	186.47	288.57	124.26
176	2.91	18.63	595	6.68	.53	.37	1.17	.85	.18	.65	.16
177	.78	13.42	594	353.35	73.97	358.82	262.31	348.58	68.82	278.28	182.64
178	-1.81	16.88	596	7.68	.68	.25	1.44	1.81	.19	.87	.18
179	-4.94	28.94	595	356.81	62.34	294.87	251.63	324.48	94.59	256.78	128.11
180	-7.96	24.92	595	8.56	.88	.55	1.67	1.16	.23	.77	.21
181	-18.31	38.68	594	.49	73.85	242.48	256.18	338.78	183.84	256.85	172.74
182	-18.31	38.68	594	18.28	1.26	1.26	1.81	1.33	.28	.64	.32
				6.44	96.75	233.55	267.76	.97	93.65	267.83	281.32
				12.75	2.14	2.28	2.81	1.64	.37	.68	.39
				7.49	181.62	227.22	267.78	356.52	356.54	261.44	284.49
				14.68	2.47	2.93	2.31	1.74	.92	.98	.58
				7.68	181.75	235.56	271.97	343.81	315.94	263.88	217.68
				16.91	3.82	3.23	2.48	1.73	1.34	1.27	.58
				6.41	91.61	242.57	278.88	335.26	384.91	263.63	288.99
				5.76	1.28	.68	1.16	1.29	.16	.56	.31
				337.96	126.27	27.84	299.97	333.89	63.93	269.28	172.23
				6.19	1.82	.78	.94	1.45	.88	.64	.38
				341.31	186.75	38.12	276.83	311.36	154.88	268.44	178.86
				6.78	1.83	.69	1.85	1.27	.16	.63	.43
				347.87	92.72	32.47	269.79	316.57	282.91	249.13	193.66
				7.88	1.38	.29	1.36	1.36	.28	.71	.46
				354.71	88.64	38.18	277.45	316.12	223.62	265.73	211.19
				9.33	1.67	.32	1.79	1.46	.19	.55	.63
				359.76	92.68	261.11	278.22	332.48	336.88	283.73	288.69
				11.58	2.27	1.86	2.88	1.73	.49	.55	.94
				2.66	97.21	247.73	272.95	315.68	348.86	288.35	191.45
				14.73	2.77	2.89	2.76	2.59	.96	.94	1.21
				3.85	99.85	254.99	271.81	297.71	326.57	275.16	193.78
				18.15	2.77	3.48	3.15	3.19	1.83	1.66	.91
				2.78	98.81	273.34	278.78	295.19	314.94	282.94	216.86
				21.88	2.28	5.11	3.14	4.77	4.18	3.88	1.48
				3.35	86.61	285.56	288.87	282.87	388.94	386.98	389.79

TABLE VII.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	34.89	11.96	595	6.6#	3.34	3.48	.35	2.37	.29	.25	.3#	AMP
				136.19	319.84	35# .96	331.64	46.67	223.69	215.99	196.49	PHASE
157	36.12	12.7#	594	7.5#	3.61	4.38	.44	2.12	.4#	.2#	.32	AMP
				133.91	314.57	345.7#	323.25	26.9#	238.71	195.34	142.17	PHASE
158	37.36	14.89	595	8.56	4.12	4.8#	.46	2.25	.3#	.35	.27	AMP
				135.19	316.52	351.42	322.31	26.92	226.13	186.23	147.74	PHASE
159	38.64	15.18	595	9.62	4.65	5.22	.58	2.46	.32	.39	.3#	AMP
				136.16	320.81	351.1#	323.74	33.7#	213.99	210.74	148.98	PHASE
16#	39.79	15.96	594	1# .37	5.85	5.65	.69	2.49	.33	.43	.25	AMP
				139.32	326.4#	13.81	336.84	55.56	217.64	271.29	172.3#	PHASE
161	4# .92	17.1#	594	11.3#	5.37	5.87	.81	2.4#	.41	.4#	.1#	AMP
				136.8#	323.12	1# .85	328.1#	58.28	2#3.97	282.12	148.74	PHASE
162	41.7#	17.3#	594	11.9#	5.67	5.79	.66	2.19	.41	.45	.22	AMP
				133.12	318.53	2.24	3#2.91	45.36	168.16	269.64	79.6#	PHASE
163	42.19	17.86	594	12.1#	5.77	5.72	.65	2.12	.49	.37	.19	AMP
				131.41	318.23	1.22	2#6.87	48.56	165.14	268.12	65.78	PHASE
164	33.7#	13.42	596	7.75	4.8#	3.8#	.29	2.4#	.35	.25	.42	AMP
				133.77	314.11	351.88	3#3.54	56.41	241.97	188.33	194.16	PHASE
165	34.84	14.86	595	8.5#	4.54	3.89	.4#	2.15	.43	.3#	.32	AMP
				138.99	321.44	4.87	317.1#	83.69	252.42	215.32	2#3.67	PHASE
166	36.19	15.43	595	9.41	4.85	4.35	.4#	1.91	.5#	.24	.2#	AMP
				14# .31	322.38	11.21	313.84	7# .87	252.46	2#2.3#	197.61	PHASE
167	37.37	16.64	595	1# .38	5.23	4.72	.35	1.97	.56	.27	.31	AMP
				138.59	317.39	8.27	2#7.25	62.59	233.89	196.52	17# .53	PHASE
168	38.27	16.8#	594	1# .96	5.37	4.96	.36	1.86	.61	.27	.3#	AMP
				136.77	315.95	1# .65	2#3.11	67.83	221.41	222.81	171.37	PHASE
169	39.38	17.81	595	11.59	5.23	5.16	.39	1.79	.54	.29	.17	AMP
				136.29	317.82	17.41	258.92	85.7#	15.43	252.82	169.93	PHASE
17#	4# .38	18.65	595	12.23	5.31	5.23	.64	1.6#	.7#	.33	.#	AMP
				13# .95	315.8#	1# .5#	216.55	95.91	185.17	275.66	34.89	PHASE
171	4# .69	18.23	595	12.15	5.73	4.65	1.89	1.9#	.95	.19	.25	AMP
				128.78	313.69	8.32	195.94	116.55	75.7#	296.4#	11.13	PHASE
172	41.1#	17.93	595	12.14	6.8#	4.43	1.49	1.8#	1.86	.86	.22	AMP
				124.72	316.18	355.13	198.33	132.83	172.85	311.25	8.86	PHASE
173	32.3#	14.45	595	8.92	4.52	2.4#	.83	2.89	.33	.2#	.27	AMP
				139.37	317.69	9.34	298.23	79.52	332.92	219.6#	239.25	PHASE
174	33.49	16.89	595	9.85	4.92	3.35	.14	3.8#	.2#	.2#	.#3	AMP
				137.15	31# .5#	2.27	67.24	65.27	2#8.19	181.92	2#3.24	PHASE
175	34.45	16.76	594	1# .57	5.19	3.68	.35	2.9#	.17	.#9	.#9	AMP
				137.64	31# .34	7.28	1#3.16	7# .91	281.82	191.86	185.15	PHASE
176	35.45	16.79	595	11.29	5.55	4.8#	.51	2.59	.37	.2#	.#7	AMP
				138.92	311.98	18.24	113.81	7# .53	258.14	179.99	38.95	PHASE
177	36.37	17.84	594	11.97	5.85	4.28	.62	2.3#	.41	.34	.14	AMP
				137.79	312.49	23.1#	123.85	85.38	218.21	199.58	3# .33	PHASE
179	37.11	18.45	596	12.49	6.28	4.56	.58	1.74	.59	.36	.45	AMP
				134.43	31# .84	21.86	122.67	8# .57	195.87	2#5.94	351.93	PHASE
18#	37.84	18.32	595	12.87	6.91	4.49	.57	.81	.84	.33	.84	AMP
				13# .53	3#9.72	15.59	12# .71	6# .58	177.37	2#1.52	342.8#	PHASE
181	38.62	18.22	595	12.83	7.8#	3.78	.69	.62	1.8#	.29	.97	AMP
				127.1#	31# .54	352.61	194.5#	271.47	18# .19	183.91	5.67	PHASE
182	39.11	2# .1#	594	12.43	9.2#	3.55	1.21	.85	1.15	.58	.84	AMP
				125.21	314.8#	324.36	214.16	285.38	158.72	159.29	44.71	PHASE

TABLE VII.- Continued

(b) Continued

CHORDWISE 37 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	24.47	22.9#	595	5.96	1.8#	2.65	4.66	2.57	11.1#	2.86	1.84 AMP
				297.94	122.58	239.92	41.58	14.85	323.46	334.72	121.47 PHASE
157	24.77	29.25	594	12.74	3.27	5.22	5.82	4.74	11.3#	1.73	1.93 AMP
				317.2#	116.24	281.51	17.43	319.88	324.76	353.14	186.8# PHASE
158	25.25	38.58	595	21.19	4.47	9.45	7.86	5.87	9.69	2.86	1.17 AMP
				332.59	123.13	288.83	17.9#	328.84	328.84	212.33	112.58 PHASE
159	25.12	57.65	595	38.6#	5.38	14.16	9.85	4.9#	18.27	4.91	1.24 AMP
				348.9#	129.35	224.12	19.88	335.38	327.58	268.11	182.94 PHASE
160	24.54	72.71	594	39.24	5.49	18.82	11.49	4.23	11.21	7.87	1.57 AMP
				349.1#	139.83	241.73	38.91	346.81	354.4#	385.65	118.68 PHASE
161	23.23	85.73	594	49.94	6.46	24.84	13.72	3.23	11.39	9.63	1.78 AMP
				349.9#	136.44	242.36	17.46	384.74	349.54	314.24	88.67 PHASE
162	21.83	97.54	594	68.75	7.17	27.55	15.2#	4.8#	11.77	9.62	2.34 AMP
				349.75	136.13	236.44	358.82	233.39	326.28	388.69	51.17 PHASE
163	21.16	182.81	594	66.7#	7.75	29.85	16.24	5.26	13.85	9.69	2.18 AMP
				349.53	139.84	235.95	348.61	219.73	338.4#	315.86	46.87 PHASE
164	21.73	22.78	596	9.2#	2.77	3.97	3.75	3.13	8.28	2.86	2.94 AMP
				278.47	181.47	247.8#	41.82	26.48	277.45	337.37	118.12 PHASE
165	21.72	38.22	595	14.97	4.99	4.36	4.15	3.61	7.88	4.56	1.29 AMP
				382.78	114.47	237.89	28.67	333.32	4.36	15.86	149.85 PHASE
166	21.14	33.83	595	23.12	6.7#	8.81	6.26	6.61	3.51	2.95	1.17 AMP
				321.99	124.43	225.17	25.78	358.66	326.55	59.74	138.45 PHASE
167	19.98	54.37	595	32.58	8.3#	12.29	8.89	6.74	7.39	2.98	2.13 AMP
				331.98	125.42	227.82	22.44	357.9#	313.16	388.37	188.85 PHASE
168	18.63	66.66	594	48.87	9.51	16.88	9.24	7.14	9.75	8.88	1.94 AMP
				336.67	128.7#	234.98	27.95	364.79	329.33	313.15	96.13 PHASE
169	16.68	78.67	595	58.61	18.73	28.31	18.63	7.93	12.41	9.58	1.85 AMP
				342.62	132.57	248.6#	31.78	355.13	5.56	327.52	95.88 PHASE
170	14.63	96.67	595	65.66	11.53	25.18	12.84	6.62	11.87	12.8#	1.82 AMP
				345.44	129.97	246.98	14.54	338.58	359.63	328.42	29.49 PHASE
171	13.77	188.62	595	72.85	12.77	27.84	11.54	7.83	12.65	18.52	1.97 AMP
				349.36	135.43	248.51	11.8#	299.93	351.94	342.1#	8.84 PHASE
172	13.99	112.15	595	81.44	13.79	29.82	11.2#	18.72	18.93	9.74	1.76 AMP
				352.13	148.46	243.49	354.8#	276.23	344.46	354.95	344.29 PHASE
173	28.27	29.25	595	13.36	3.26	4.73	3.75	4.42	7.83	2.11	1.8# AMP
				271.73	188.25	267.12	58.37	46.59	282.94	43.4#	83.53 PHASE
174	19.15	38.79	595	19.88	5.71	5.14	3.41	3.82	12.51	4.83	1.73 AMP
				291.55	181.7#	255.41	24.19	332.88	314.54	352.67	97.86 PHASE
175	17.89	41.44	594	26.87	7.87	6.87	5.57	5.88	7.98	5.49	1.12 AMP
				385.64	111.12	237.4#	15.54	328.55	318.99	18.31	81.38 PHASE
176	15.86	47.82	595	34.88	18.13	9.65	7.62	7.81	18.41	5.11	1.46 AMP
				321.88	128.57	238.43	33.83	351.82	332.81	28.63	58.81 PHASE
177	13.53	58.23	594	43.15	11.62	13.25	9.36	7.47	13.62	7.38	1.87 AMP
				329.93	125.15	247.37	48.25	357.26	5.25	5.4#	45.43 PHASE
179	18.46	74.44	596	52.62	13.18	16.56	9.54	18.36	19.64	9.48	3.45 AMP
				336.15	128.71	258.8#	34.31	353.87	9.53	331.99	359.48 PHASE
180	8.85	95.79	595	64.8#	15.27	19.85	18.76	12.88	23.55	13.56	5.7# AMP
				342.81	138.61	258.77	21.64	347.32	9.75	315.32	333.49 PHASE
181	8.83	183.2#	595	75.39	16.92	24.88	18.53	8.25	18.48	18.59	6.77 AMP
				348.83	135.8#	249.87	359.94	389.84	17.77	348.63	351.37 PHASE
182	9.31	118.48	594	84.14	18.58	26.19	8.86	5.97	14.13	3.33	5.85 AMP
				354.83	151.51	251.8#	359.83	263.96	35.36	21.79	349.37 PHASE

TABLE VII.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	5.83	6.88	595	5.32	.49	.19	.82	1.01	.19	.22	.11	AMP
				334.51	85.86	335.56	222.33	267.89	54.98	223.38	31.43	PHASE
157	4.22	7.02	594	5.78	.36	.21	.88	.96	.14	.21	.04	AMP
				337.41	69.39	.79	204.89	252.32	22.16	217.38	3.98	PHASE
158	2.53	8.18	595	6.55	.38	.13	1.02	1.11	.11	.35	.07	AMP
				343.62	53.71	35.08	213.88	250.67	355.84	200.52	325.85	PHASE
159	.63	9.15	595	7.47	.33	.24	1.38	1.31	.11	.31	.02	AMP
				348.96	58.27	152.38	215.33	259.73	20.93	200.01	104.12	PHASE
160	-1.07	10.18	594	8.24	.42	.59	1.54	1.29	.28	.32	.01	AMP
				356.24	76.31	177.11	229.99	285.79	74.86	219.04	206.77	PHASE
161	-2.84	11.82	594	9.28	.64	.96	1.68	1.33	.33	.35	.05	AMP
				357.93	99.45	179.84	228.58	295.48	56.19	206.16	187.67	PHASE
162	-4.15	13.68	594	10.31	.96	1.42	1.77	1.34	.42	.41	.17	AMP
				357.48	97.49	177.43	221.25	291.99	38.27	178.48	208.14	PHASE
163	-5.03	14.68	594	11.04	1.28	1.72	1.84	1.58	.44	.48	.14	AMP
				357.87	97.45	176.57	221.81	295.72	24.94	182.28	216.53	PHASE
164	6.67	7.38	596	5.66	.83	.25	.93	.92	.38	.21	.21	AMP
				329.79	95.05	311.86	230.55	273.97	41.51	200.05	24.21	PHASE
165	4.99	7.68	595	6.14	.64	.19	.88	.85	.38	.32	.12	AMP
				340.01	93.12	346.95	235.61	303.35	72.66	245.87	74.86	PHASE
166	3.17	8.36	595	6.83	.62	.18	.96	.81	.17	.46	.13	AMP
				346.15	83.93	313.85	233.26	295.44	74.08	243.81	147.73	PHASE
167	1.28	9.48	595	7.84	.73	.23	1.29	.94	.27	.59	.05	AMP
				349.24	72.85	202.78	222.72	280.82	63.95	211.82	52.98	PHASE
168	-.34	10.69	594	8.76	.98	.66	1.58	1.01	.38	.54	.15	AMP
				352.55	81.31	194.29	228.28	294.47	66.11	213.54	116.71	PHASE
169	-2.55	13.01	595	10.22	1.37	1.38	1.58	1.13	.38	.47	.21	AMP
				358.36	96.18	199.39	237.31	316.83	63.84	223.68	142.86	PHASE
170	-4.98	16.56	595	12.42	2.16	2.07	1.78	1.44	.27	.48	.25	AMP
				359.06	94.78	194.34	238.13	315.84	341.81	222.88	147.65	PHASE
171	-6.41	18.89	595	13.99	2.46	2.68	2.07	1.68	.66	.79	.33	AMP
				359.04	93.36	203.72	244.18	307.32	278.58	224.14	166.79	PHASE
172	-8.06	20.77	595	16.01	2.88	2.68	2.15	1.61	1.08	1.08	.39	AMP
				357.69	83.49	210.58	251.19	301.99	265.88	222.71	157.43	PHASE
173	7.37	8.19	595	5.91	1.35	.48	1.03	1.15	.15	.33	.21	AMP
				331.45	116.11	12.82	268.62	292.62	46.43	227.65	127.87	PHASE
174	5.48	8.42	595	6.32	1.17	.55	.83	1.29	.18	.42	.22	AMP
				334.22	100.51	17.98	247.88	269.56	86.87	219.75	135.23	PHASE
175	3.86	9.03	594	6.89	1.11	.45	.98	1.15	.15	.43	.25	AMP
				339.58	98.17	17.73	248.98	273.37	123.58	209.34	148.49	PHASE
176	1.75	10.03	595	7.93	1.33	.89	1.22	1.26	.15	.47	.29	AMP
				346.68	85.62	49.58	246.24	276.46	152.34	222.67	171.96	PHASE
177	-.38	11.96	594	9.32	1.69	.43	1.64	1.36	.07	.39	.38	AMP
				351.43	87.48	202.41	249.12	293.32	314.47	241.63	168.57	PHASE
179	-2.64	13.98	596	11.16	2.28	.99	1.94	1.56	.32	.42	.62	AMP
				353.82	87.47	206.26	243.64	277.86	314.58	245.19	142.48	PHASE
180	-5.45	18.29	595	13.81	2.52	1.71	2.63	2.17	.72	.69	.84	AMP
				353.52	84.46	218.19	242.48	263.29	282.24	248.71	142.91	PHASE
181	-8.25	21.38	595	16.88	2.52	2.51	2.99	2.57	1.58	1.25	.64	AMP
				352.96	76.84	243.91	251.84	262.69	273.76	243.86	167.59	PHASE
182	-10.48	23.68	594	19.29	2.84	3.69	3.18	3.88	3.44	2.35	1.87	AMP
				353.24	78.27	261.93	255.29	258.23	267.58	264.83	258.45	PHASE

TABLE VII.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 8												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	22.85	13.87	595	8.55	4.5	4.57	.64	.88	.45	.61	.77	AMP
				127.24	387.14	345.41	291.89	231.11	127.23	35.95	215.89	PHASE
157	23.93	14.75	594	9.76	4.71	5.85	.58	.98	.31	.49	.49	AMP
				127.88	299.15	339.69	289.87	214.26	112.89	11.22	152.19	PHASE
158	24.96	16.56	595	11.88	5.43	6.67	.42	.88	.34	.55	.65	AMP
				138.21	299.78	345.87	283.39	228.64	128.62	39.88	156.31	PHASE
159	26.83	18.88	595	12.56	6.15	7.49	.25	.92	.29	.47	.41	AMP
				133.81	382.86	354.81	288.94	238.37	89.37	22.37	159.86	PHASE
168	27.83	28.78	594	13.68	6.76	8.34	.22	.97	.38	.48	.43	AMP
				137.83	387.88	7.78	384.63	253.83	91.56	14.26	165.54	PHASE
161	28.89	22.99	594	15.18	7.28	9.86	.14	1.86	.32	.66	.12	AMP
				137.82	383.44	5.61	342.77	257.89	71.93	357.86	114.92	PHASE
162	28.78	24.41	594	16.88	7.68	9.22	.14	.97	.36	.87	.59	AMP
				134.96	296.64	357.73	128.73	249.28	33.85	336.46	65.48	PHASE
163	29.27	24.99	594	16.58	7.78	9.25	.29	1.81	.33	.94	.43	AMP
				134.28	295.78	356.78	117.58	246.28	23.74	334.92	68.88	PHASE
164	21.88	14.98	596	9.68	5.34	4.28	.89	1.82	.52	1.14	1.42	AMP
				124.69	383.69	345.88	286.52	238.21	128.18	24.18	218.38	PHASE
165	21.98	16.22	595	18.81	5.96	5.46	.93	1.81	.44	1.89	.9	AMP
				131.28	388.79	359.88	311.37	258.15	135.66	54.37	248.89	PHASE
166	23.18	18.56	595	12.88	6.56	6.34	.84	1.88	.41	1.47	.56	AMP
				134.19	387.32	4.21	315.79	265.39	124.89	59.86	249.98	PHASE
167	24.12	21.32	595	13.68	7.23	7.13	.77	1.88	.44	1.63	.61	AMP
				133.65	388.78	7.68	318.22	257.21	95.68	41.97	285.63	PHASE
168	24.95	22.96	594	14.88	7.68	7.62	.66	1.81	.39	1.64	.26	AMP
				133.61	298.89	2.83	312.24	259.27	78.83	39.72	243.33	PHASE
169	25.95	24.41	595	15.99	7.76	8.19	.62	1.12	.43	1.67	.25	AMP
				135.26	297.36	8.88	316.25	278.94	78.32	41.37	348.58	PHASE
178	26.87	25.68	595	17.17	8.18	8.49	.38	1.28	.47	2.83	.88	AMP
				132.31	291.41	1.18	293.67	262.77	42.27	17.84	346.28	PHASE
171	27.11	26.13	595	17.35	8.71	7.95	.19	1.23	.61	2.52	1.43	AMP
				131.59	298.48	.86	256.37	268.99	25.39	14.43	342.83	PHASE
172	27.47	26.19	595	17.48	9.13	7.78	.35	1.18	.89	2.88	1.62	AMP
				129.98	298.79	351.68	181.61	268.25	25.88	13.89	335.19	PHASE
173	18.97	16.83	595	18.58	6.15	3.81	.59	1.87	.95	1.43	.54	AMP
				131.13	313.18	359.79	388.67	248.49	128.32	73.99	291.84	PHASE
174	28.81	17.15	595	11.84	6.62	4.76	.69	.89	.88	1.56	.68	AMP
				138.88	382.55	353.37	298.32	219.23	118.83	53.88	336.24	PHASE
175	28.88	19.71	594	12.94	7.14	5.33	.64	.83	.78	1.55	.61	AMP
				131.79	299.66	356.81	387.49	225.86	188.61	58.43	358.26	PHASE
176	21.76	21.48	595	14.38	7.58	5.82	.62	.73	.77	1.75	.93	AMP
				134.71	388.28	5.85	316.86	226.12	183.89	68.88	17.29	PHASE
177	22.54	22.54	594	15.65	8.84	6.16	.61	.66	.75	1.59	1.58	AMP
				134.98	388.85	8.25	338.48	249.28	98.43	68.75	3.88	PHASE
179	23.25	24.64	596	16.83	8.68	6.45	.67	.34	.84	1.96	2.84	AMP
				133.17	296.44	6.16	345.48	253.18	56.67	52.68	349.24	PHASE
188	23.87	26.69	595	17.89	9.47	6.46	.42	.18	1.27	2.52	4.89	AMP
				131.85	294.84	359.84	28.73	178.33	38.83	38.77	343.14	PHASE
181	24.49	28.44	595	18.29	18.82	6.22	.33	.15	1.63	2.91	4.54	AMP
				131.34	294.39	345.39	98.43	88.89	27.97	36.16	351.26	PHASE
182	24.73	27.34	594	17.91	12.53	5.59	.51	.36	1.48	2.89	3.79	AMP
				131.28	388.85	333.38	157.56	46.38	52.36	42.85	12.15	PHASE

TABLE VII.- Continued

(b) Continued

CHORDWISE 51 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	24.4#	26.92	595	6.22	1.56	2.6#	5.55	2.57	13.24	2.66	1.4#	AMP
				297.1#	127.37	266.34	39.84	17.41	325.84	337.33	133.65	PHASE
157	24.85	33.61	594	11.93	2.85	4.2#	7.2#	4.76	13.67	2.14	1.37	AMP
				312.73	116.61	224.24	18.84	328.24	326.89	359.83	128.22	PHASE
158	24.85	41.91	595	18.97	3.89	7.92	9.43	5.16	11.99	2.95	1.95	AMP
				326.74	121.92	225.92	21.46	338.21	338.58	288.84	138.81	PHASE
159	23.89	55.22	595	27.84	4.48	12.12	11.87	5.21	12.68	6.73	2.86	AMP
				334.52	129.16	237.38	23.62	339.25	329.19	258.86	123.88	PHASE
168	23.27	66.88	594	34.27	4.59	16.18	13.9#	4.32	13.77	3.61	2.88	AMP
				342.17	137.86	253.57	34.13	361.98	366.58	3.5.88	134.98	PHASE
161	21.95	79.37	594	43.37	5.44	21.11	16.58	2.92	13.95	12.82	2.81	AMP
				342.78	131.92	253.85	22.8#	318.6#	361.78	314.87	98.83	PHASE
162	28.46	86.53	594	52.88	5.99	24.46	18.84	3.73	14.18	12.71	2.92	AMP
				342.72	127.59	246.23	4.8#	231.52	328.92	389.76	65.39	PHASE
163	19.78	93.3#	594	57.14	6.48	26.85	19.86	5.85	16.66	12.78	2.52	AMP
				342.66	138.46	245.34	354.95	217.19	332.68	317.63	47.48	PHASE
164	22.1#	25.52	596	8.97	2.58	3.63	4.56	3.14	9.84	3.76	1.12	AMP
				279.29	188.87	262.1#	37.3#	26.87	279.62	343.83	136.47	PHASE
165	21.88	32.34	595	14.86	4.37	3.86	5.4#	3.83	8.79	5.99	1.77	AMP
				299.6#	112.4#	258.98	31.49	331.89	6.81	28.16	159.42	PHASE
166	21.67	36.55	595	28.98	5.86	6.59	7.73	7.12	4.35	4.12	1.66	AMP
				316.25	128.38	241.87	38.61	349.42	331.57	66.94	144.97	PHASE
167	21.19	51.82	595	29.8#	7.38	18.35	9.71	7.32	9.8#	3.32	3.84	AMP
				324.9#	119.34	248.37	25.39	367.17	316.43	313.84	122.39	PHASE
168	19.9#	61.95	594	35.64	8.45	13.78	11.14	7.69	11.73	7.41	2.67	AMP
				329.7#	123.57	246.13	29.19	354.42	332.66	318.86	115.22	PHASE
169	17.92	78.79	595	45.17	9.73	18.13	12.94	8.73	15.39	12.19	2.43	AMP
				335.9#	126.57	257.89	32.22	367.89	3.74	338.22	112.69	PHASE
178	15.83	88.26	595	58.22	11.38	23.8#	15.82	6.95	14.91	15.69	2.25	AMP
				339.11	122.12	254.47	15.5#	342.84	2.73	324.69	31.64	PHASE
171	13.98	93.57	595	64.87	13.61	25.94	14.48	7.85	15.67	14.34	3.87	AMP
				343.3#	127.69	254.58	12.79	296.61	354.42	348.58	8.87	PHASE
172	13.78	189.11	595	78.41	16.85	29.43	14.28	12.8#	23.44	13.53	2.88	AMP
				347.26	134.46	249.23	358.43	271.83	346.32	3.89	348.34	PHASE
173	21.3#	31.59	595	12.56	3.8#	4.29	4.18	4.53	9.35	3.85	1.89	AMP
				272.24	182.13	277.76	59.61	47.78	285.58	52.44	79.89	PHASE
174	28.61	43.45	595	18.18	5.21	4.89	4.29	3.82	15.25	5.22	2.32	AMP
				289.8#	188.23	267.42	27.47	333.79	317.8#	.16	181.16	PHASE
175	28.82	44.24	594	23.46	7.19	5.51	6.56	6.84	9.81	7.26	1.4#	AMP
				381.58	187.42	258.32	22.84	319.75	322.86	24.37	98.93	PHASE
176	18.33	51.31	595	38.75	9.45	8.47	8.76	7.38	12.65	6.63	1.68	AMP
				316.43	115.81	249.76	39.21	354.98	335.55	39.99	88.47	PHASE
177	16.85	66.81	594	39.18	18.8#	11.6#	18.82	8.29	16.77	8.85	1.99	AMP
				324.5#	118.65	256.38	43.81	1.82	8.64	15.48	61.13	PHASE
179	12.8#	81.34	596	48.14	12.5#	14.82	11.44	11.88	24.67	18.95	4.58	AMP
				338.22	128.89	258.81	34.83	359.85	13.28	348.64	3.89	PHASE
188	9.88	7.88	595	58.31	15.86	18.61	13.61	13.98	29.97	15.84	8.25	AMP
				336.77	123.86	257.22	28.69	355.28	13.94	322.14	338.59	PHASE
181	8.91	99.69	595	67.58	18.13	25.89	14.13	8.65	23.48	12.61	18.17	AMP
				343.69	138.22	254.65	3.42	318.69	22.11	352.59	354.88	PHASE
182	9.32	184.76	594	73.68	28.53	27.85	12.82	6.48	18.18	4.25	9.81	AMP
				358.68	148.41	258.53	2.17	278.42	41.69	49.29	355.52	PHASE

TABLE VII.- Continued

(b) Continued

TORSION 50 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	2.86	5.93	595	4.46	.34	.17	.62	.83	.24	.18	.15	AMP
				343.81	115.19	.14	249.42	295.32	79.16	264.57	97.13	PHASE
157	1.58	5.87	594	4.81	.28	.17	.58	.77	.18	.16	.11	AMP
				346.53	116.74	29.88	238.12	279.62	59.28	257.94	65.64	PHASE
158	.83	6.72	595	5.39	.11	.16	.71	.92	.12	.26	.11	AMP
				352.33	135.68	72.57	236.51	278.45	39.91	252.98	45.61	PHASE
159	-1.64	7.36	595	6.83	.13	.15	.97	1.11	.14	.24	.85	AMP
				357.46	156.88	134.47	236.68	287.18	68.44	245.52	99.47	PHASE
160	-3.13	8.84	594	6.68	.18	.33	1.12	1.11	.21	.25	.83	AMP
				4.72	168.24	179.88	249.98	312.47	98.84	254.43	124.83	PHASE
161	-4.73	9.41	594	7.33	.38	.59	1.25	1.13	.33	.28	.81	AMP
				5.98	159.24	186.19	248.81	322.22	98.63	237.58	147.39	PHASE
162	-5.89	18.63	594	8.86	.57	.92	1.32	1.14	.42	.36	.11	AMP
				5.14	142.82	185.87	248.65	319.66	71.88	287.63	275.86	PHASE
163	-6.78	11.32	594	8.56	.77	1.13	1.38	1.26	.46	.35	.18	AMP
				5.39	133.98	182.98	248.18	323.12	68.59	289.67	281.99	PHASE
164	3.53	6.15	596	4.76	.69	.27	.72	.81	.33	.22	.19	AMP
				338.34	117.48	338.86	255.76	382.79	73.12	258.46	99.51	PHASE
165	2.18	6.41	595	5.12	.52	.23	.61	.72	.32	.24	.15	AMP
				348.33	126.53	8.84	268.99	338.98	185.33	295.74	143.97	PHASE
166	.54	6.94	595	5.64	.48	.14	.78	.66	.18	.33	.14	AMP
				354.48	124.31	15.89	257.76	321.98	188.89	294.97	179.82	PHASE
167	-1.13	7.58	595	6.38	.34	.83	.88	.78	.27	.43	.88	AMP
				357.23	113.78	248.18	246.18	385.62	89.38	258.98	127.98	PHASE
168	-2.48	8.27	594	6.81	.37	.25	1.87	.89	.35	.48	.14	AMP
				.27	116.62	285.84	247.28	318.88	98.96	255.38	168.54	PHASE
169	-4.31	9.74	595	7.68	.56	.68	1.27	1.83	.43	.38	.17	AMP
				5.38	117.21	281.87	254.83	341.18	98.78	261.56	186.54	PHASE
170	-6.33	12.41	595	9.14	1.81	1.26	1.52	1.36	.48	.48	.19	AMP
				5.16	186.99	192.71	252.44	348.36	52.81	264.48	184.16	PHASE
171	-7.54	13.84	595	18.22	1.15	1.55	1.78	1.53	.48	.71	.23	AMP
				4.49	181.18	282.96	258.82	336.88	335.53	271.82	212.58	PHASE
172	-8.96	15.32	595	11.66	1.38	1.44	1.83	1.56	.62	.95	.26	AMP
				2.31	82.86	288.93	266.88	333.33	388.12	278.18	213.25	PHASE
173	4.83	6.88	595	4.98	1.18	.81	.81	1.88	.17	.19	.28	AMP
				348.82	131.96	18.78	294.35	321.37	99.45	272.27	189.61	PHASE
174	2.48	6.98	595	5.28	.94	.52	.64	1.85	.18	.32	.19	AMP
				342.41	124.61	19.42	276.38	388.58	113.75	261.16	195.93	PHASE
175	1.12	7.28	594	5.57	.88	.58	.64	.93	.18	.32	.28	AMP
				347.58	121.17	21.78	268.95	381.91	162.25	257.32	199.31	PHASE
176	-.68	7.78	595	6.18	.71	.33	.84	1.85	.12	.34	.22	AMP
				354.33	115.31	25.72	278.88	388.15	174.87	267.56	224.69	PHASE
177	-2.32	8.93	594	6.99	.79	.82	1.23	1.18	.87	.32	.28	AMP
				358.38	186.78	17.73	267.99	318.61	61.42	292.95	213.21	PHASE
179	-4.28	18.18	596	8.88	.98	.48	1.68	1.31	.21	.35	.46	AMP
				359.48	94.53	286.75	261.29	388.37	344.54	384.39	188.14	PHASE
180	-6.46	13.34	595	9.85	1.15	.98	2.38	1.74	.65	.59	.64	AMP
				357.77	79.35	218.11	261.42	293.48	385.79	388.56	192.58	PHASE
181	-8.91	16.42	595	12.14	1.39	1.29	2.79	2.87	1.48	1.81	.57	AMP
				356.67	56.25	249.87	273.11	294.99	384.83	299.53	226.93	PHASE
182	-18.78	19.28	594	14.88	1.58	1.83	3.19	2.99	3.18	2.85	1.81	AMP
				354.55	37.86	267.81	278.94	283.77	299.87	312.92	384.87	PHASE

TABLE VII.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	.13	18.64	595	13.14	4.81	3.24	1.85	3.38	.32	.78	1.27	AMP
				137.37	318.89	318.44	148.95	217.68	62.69	186.81	38.86	PHASE
157	1.86	18.95	594	13.89	4.29	3.95	1.82	3.15	1.46	1.59	38.91	AMP
				137.87	389.39	388.89	114.93	288.21	41.57	158.86	338.83	PHASE
158	3.59	22.89	595	15.85	4.83	4.58	1.17	3.38	.44	.49	1.11	AMP
				148.73	389.53	318.64	188.72	288.83	44.43	188.78	343.38	PHASE
159	5.51	24.17	595	16.22	5.88	4.99	1.26	3.78	.39	.41	1.41	AMP
				143.57	388.33	338.26	98.74	286.45	36.38	162.87	348.83	PHASE
168	7.23	25.55	594	17.22	6.54	5.52	1.41	3.89	.58	.59	.67	AMP
				148.78	311.76	347.23	184.27	229.68	61.35	168.84	348.37	PHASE
161	8.89	27.53	594	18.68	7.32	6.88	1.65	4.88	.58	.84	.22	AMP
				148.56	386.88	347.38	93.42	232.94	48.68	158.43	296.71	PHASE
162	18.87	29.33	594	19.86	7.84	6.33	1.65	3.78	.68	1.84	.88	AMP
				146.63	297.79	341.35	74.21	221.64	27.89	138.49	247.26	PHASE
163	18.86	29.99	594	28.54	8.28	6.45	1.84	3.72	.68	1.87	.68	AMP
				146.29	296.85	341.43	67.55	223.68	13.18	132.98	243.76	PHASE
164	-1.67	28.82	596	14.31	4.87	2.93	1.36	3.48	.41	1.28	1.96	AMP
				133.71	315.86	382.73	136.27	228.88	35.21	184.32	31.38	PHASE
165	-.81	28.71	595	15.23	5.32	3.53	1.13	3.12	.58	1.12	1.31	AMP
				148.39	319.83	328.47	139.31	257.93	65.96	213.62	59.22	PHASE
166	1.77	22.44	595	16.24	5.87	3.94	1.86	2.79	.63	1.42	.79	AMP
				143.76	317.46	329.98	121.84	258.85	68.88	222.94	57.16	PHASE
167	3.68	24.86	595	17.67	6.67	4.45	.99	2.97	.76	1.53	.86	AMP
				144.19	318.27	328.98	95.88	243.91	56.56	284.28	15.87	PHASE
168	5.16	26.88	594	18.66	7.23	4.54	.98	3.13	.82	1.48	.23	AMP
				145.38	386.39	333.12	76.71	245.72	55.98	199.71	54.44	PHASE
169	7.13	28.88	595	28.18	7.67	4.82	1.21	3.27	.95	1.51	.51	AMP
				148.85	385.38	342.55	67.98	261.98	67.54	199.85	198.68	PHASE
178	9.11	38.48	595	21.97	8.21	5.82	1.48	3.36	1.85	1.82	1.41	AMP
				146.75	298.14	334.84	31.24	268.62	47.34	175.24	176.25	PHASE
171	9.82	31.82	595	22.71	8.64	4.62	1.84	3.44	1.88	2.45	2.35	AMP
				146.98	297.68	332.77	22.81	284.36	49.86	178.41	178.17	PHASE
172	18.44	32.95	595	23.26	9.26	4.98	2.41	2.88	1.83	2.75	2.63	AMP
				146.81	297.82	322.34	28.48	298.89	46.14	181.88	165.18	PHASE
173	-3.36	21.75	595	14.85	5.88	2.98	1.78	3.82	.45	1.54	.64	AMP
				137.95	319.58	386.94	174.25	248.37	367.84	243.86	187.41	PHASE
174	-1.62	23.16	595	15.83	5.98	3.41	1.13	4.29	.43	1.76	.75	AMP
				137.73	388.41	386.37	164.88	237.35	313.12	222.58	163.94	PHASE
175	-.11	24.17	594	16.64	6.42	3.61	.78	4.12	.16	1.75	.96	AMP
				148.57	385.59	313.42	163.65	244.55	316.66	214.16	176.67	PHASE
176	1.88	25.89	595	17.86	6.87	3.58	.53	3.78	.18	1.78	1.39	AMP
				144.42	386.11	326.87	157.41	247.64	343.36	233.78	193.58	PHASE
177	3.48	27.96	594	19.89	7.31	3.57	.28	3.71	.47	1.78	2.21	AMP
				146.35	386.18	332.45	124.79	262.18	332.25	235.51	181.63	PHASE
179	5.27	31.83	596	28.58	7.73	3.88	.41	2.94	.67	1.86	4.86	AMP
				145.96	381.57	332.63	73.88	259.87	342.43	228.72	167.11	PHASE
188	7.24	33.28	595	22.58	7.69	2.31	.85	1.36	.64	2.47	5.91	AMP
				144.85	299.28	323.51	92.14	252.66	15.84	285.76	161.98	PHASE
181	8.69	35.61	595	23.91	8.27	2.16	1.98	1.18	.64	3.28	6.66	AMP
				144.42	382.88	388.83	76.36	65.54	71.21	282.95	178.84	PHASE
182	9.86	36.43	594	24.28	9.69	2.61	2.76	2.18	.17	2.56	5.66	AMP
				145.47	388.85	287.24	75.91	89.98	124.35	211.85	193.44	PHASE

TABLE VII.- Continued

(b) Continued

CHORDWISE 77 PERCENT RADIUS												
PT NO	Run NO		RPM	S								
	MEAN	1/2 P-P		1P	2P	3P	4P	5P	6P	7P	8P	
156	14.41	16.62	595	5.85	1.91	3.82	2.85	1.68	5.14	7.78	1.83	AMP
157	15.89	15.21	594	154.57	321.35	388.77	51.86	227.87	319.65	316.45	66.68	PHASE
158	17.85	15.15	595	3.72	1.93	3.39	2.84	2.18	5.46	.63	.48	AMP
159	18.58	19.28	595	159.18	319.56	295.54	28.26	241.88	322.81	14.32	52.93	PHASE
160	19.48	22.65	594	2.21	2.88	4.18	3.88	1.88	4.88	1.46	.53	AMP
161	20.82	26.66	594	172.18	323.65	293.58	31.25	246.23	326.69	191.38	78.82	PHASE
162	20.82	28.27	594	.97	2.68	5.18	4.99	2.85	5.28	2.71	.75	AMP
163	20.29	29.88	594	228.98	328.69	297.11	32.35	245.98	323.34	242.77	95.26	PHASE
164	18.63	19.46	596	1.83	3.16	6.36	5.95	2.48	5.65	3.96	.66	AMP
165	11.74	14.83	595	388.24	323.98	388.42	43.43	258.82	351.93	294.58	119.43	PHASE
166	13.64	16.85	595	3.72	3.78	7.88	7.12	3.31	6.84	4.68	.78	AMP
167	15.12	18.86	595	313.64	321.29	383.31	33.88	246.26	346.22	385.82	85.79	PHASE
168	16.83	22.87	594	5.47	4.84	8.65	7.56	3.95	6.13	4.53	.59	AMP
169	16.94	27.45	595	318.32	314.72	293.83	16.33	221.88	324.68	382.98	35.39	PHASE
170	17.33	38.73	595	6.56	4.28	9.86	7.78	4.44	7.17	4.68	.58	AMP
171	17.84	38.53	595	319.43	312.87	291.57	9.15	217.66	326.78	312.17	19.38	PHASE
172	18.98	33.78	595	5.73	2.33	2.91	1.73	1.49	3.77	.96	1.38	AMP
173	8.81	28.68	595	155.78	323.86	298.58	59.76	246.87	275.63	323.29	51.98	PHASE
174	18.17	23.38	595	4.73	2.36	3.31	2.88	2.88	3.88	1.91	1.18	AMP
175	11.69	19.81	594	172.15	335.92	313.68	48.58	288.28	4.92	12.35	183.27	PHASE
176	12.88	21.73	595	3.29	2.38	3.56	3.15	3.26	2.81	1.24	.98	AMP
177	13.55	24.75	594	198.59	336.81	318.34	42.86	384.75	345.17	82.67	113.98	PHASE
178	14.45	38.88	595	2.35	2.62	4.54	4.12	2.73	3.88	1.85	1.49	AMP
179	13.93	31.18	596	222.85	331.28	383.81	34.75	382.72	321.85	269.73	99.99	PHASE
180	14.45	38.88	595	2.53	2.75	5.37	4.88	3.86	5.23	2.49	1.59	AMP
181	15.33	41.55	595	261.64	325.27	381.59	35.61	381.28	333.62	299.68	111.66	PHASE
182	16.14	42.46	594	4.16	3.82	6.78	5.88	3.88	7.88	4.23	1.54	AMP
				294.93	329.84	386.62	36.42	313.88	1.99	319.29	134.83	PHASE
				8.78	3.28	8.88	6.45	4.28	7.13	5.43	.74	AMP
				312.55	332.37	294.18	19.55	388.47	389.24	316.55	125.41	PHASE
				7.25	2.15	9.88	5.82	5.61	7.35	4.88	.53	AMP
				323.82	339.88	283.74	15.72	282.22	149.32	341.87	141.78	PHASE
				7.57	.68	9.43	5.27	7.25	18.51	4.55	.98	AMP
				336.22	347.11	266.27	355.66	273.99	341.18	359.21	173.23	PHASE
				6.29	2.76	3.85	1.42	1.33	3.71	.58	.87	AMP
				167.87	328.88	383.73	188.21	278.93	283.96	19.84	91.58	PHASE
				5.22	2.61	3.49	1.38	3.82	6.31	1.68	1.48	AMP
				179.88	324.61	382.33	51.28	251.18	318.47	338.66	128.26	PHASE
				4.48	2.48	3.39	2.25	3.93	4.14	2.18	1.18	AMP
				194.36	327.39	383.24	35.16	268.15	319.45	16.89	136.58	PHASE
				3.39	2.27	3.68	3.28	3.87	5.25	1.98	1.46	AMP
				222.58	335.72	385.82	48.32	294.12	331.57	35.47	158.32	PHASE
				3.44	2.37	4.29	4.12	3.68	7.45	2.97	2.81	AMP
				258.81	348.93	386.79	49.68	388.83	.91	8.93	158.48	PHASE
				4.54	2.44	4.86	4.55	4.59	11.15	3.63	1.87	AMP
				289.83	338.89	381.78	38.71	326.19	5.39	335.89	141.18	PHASE
				5.99	2.17	5.36	5.85	5.31	13.56	4.94	1.53	AMP
				312.31	352.48	287.17	28.24	348.91	9.34	311.73	166.62	PHASE
				7.88	1.98	7.44	5.11	3.62	18.91	3.87	1.87	AMP
				338.42	16.88	265.98	11.28	336.89	28.56	352.98	168.98	PHASE
				8.74	.66	9.71	4.18	1.68	8.88	1.89	2.89	AMP
				344.71	17.28	256.91	359.98	388.54	36.46	98.68	268.84	PHASE

TABLE VII.- Continued

(b) Continued

TORSION 75 PERCENT RADIUS											
RUN NO		8									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	.19	3.92	595	2.57	.56	.89	.43	.45	.89	.87	.89 AMP
				333.22	123.98	121.68	273.33	383.83	79.18	22.69	285.27 PHASE
157	-1.82	3.88	594	2.87	.47	.15	.36	.38	.85	.88	.86 AMP
				339.48	134.44	184.11	268.86	284.37	73.29	331.88	92.51 PHASE
158	-2.33	4.68	595	3.37	.46	.24	.43	.47	.85	.86	.86 AMP
				348.12	155.44	118.41	256.84	288.65	346.91	346.35	86.43 PHASE
159	-3.81	5.36	595	3.88	.56	.33	.56	.68	.11	.83	.84 AMP
				355.35	164.77	145.61	244.53	286.37	8.31	4.38	79.73 PHASE
160	-5.12	5.73	594	4.35	.67	.48	.68	.68	.16	.83	.85 AMP
				3.88	172.23	169.28	253.93	318.12	47.56	232.84	125.54 PHASE
161	-6.47	6.69	594	4.94	.98	.66	.75	.61	.26	.87	.82 AMP
				5.77	169.42	178.88	248.36	315.28	47.82	194.52	156.33 PHASE
162	-7.36	7.28	594	5.43	1.83	.82	.78	.68	.34	.11	.83 AMP
				5.46	163.35	164.86	232.41	386.89	27.69	168.13	181.18 PHASE
163	-7.94	7.48	594	5.72	1.13	.87	.88	.58	.37	.89	.83 AMP
				5.96	168.22	161.87	227.99	388.19	28.66	165.78	185.38 PHASE
164	.71	4.33	596	2.91	.98	.85	.51	.51	.12	.18	.28 AMP
				325.16	118.11	53.88	282.89	318.23	87.23	23.12	212.76 PHASE
165	-5.58	4.57	595	3.17	.88	.18	.41	.48	.13	.17	.12 AMP
				338.86	133.44	75.63	299.25	334.45	114.81	35.49	249.55 PHASE
166	-1.94	4.98	595	3.61	.74	.12	.41	.48	.85	.25	.88 AMP
				347.88	144.81	182.22	288.57	321.85	126.83	27.84	264.68 PHASE
167	-3.43	5.84	595	4.15	.74	.19	.58	.45	.18	.18	.87 AMP
				353.15	149.81	142.63	264.35	382.36	64.94	14.84	265.37 PHASE
168	-4.58	6.28	594	4.54	.81	.28	.59	.51	.17	.16	.89 AMP
				357.48	155.76	165.97	255.28	388.72	61.67	28.76	278.41 PHASE
169	-6.87	7.13	595	5.87	.91	.45	.67	.58	.25	.13	.85 AMP
				3.84	164.11	177.84	253.65	323.23	69.18	7.86	318.44 PHASE
170	-7.42	7.34	595	5.81	1.86	.61	.71	.58	.29	.23	.85 AMP
				5.87	164.81	164.81	248.93	318.81	37.61	341.89	6.82 PHASE
171	-8.15	7.53	595	6.27	.99	.48	.71	.51	.28	.42	.14 AMP
				4.41	172.21	167.36	245.12	318.12	358.46	329.93	329.42 PHASE
172	-9.82	8.86	595	7.81	.62	.27	.54	.44	.38	.53	.28 AMP
				.81	185.54	91.62	253.88	328.81	326.48	316.81	327.75 PHASE
173	1.84	4.88	595	3.15	1.22	.23	.62	.66	.82	.22	.28 AMP
				326.13	122.93	21.15	312.27	334.59	59.26	68.68	298.75 PHASE
174	-.33	4.88	595	3.48	1.12	.26	.54	.59	.83	.15	.24 AMP
				331.99	128.99	28.84	382.37	315.98	56.98	26.34	299.93 PHASE
175	-1.53	5.31	594	3.69	1.82	.23	.49	.55	.82	.18	.22 AMP
				339.32	125.21	17.32	388.76	314.87	297.83	6.89	311.59 PHASE
176	-3.83	5.67	595	4.89	.93	.18	.54	.68	.18	.28	.26 AMP
				348.96	135.34	15.18	298.48	318.24	332.45	26.85	326.95 PHASE
177	-4.38	5.97	594	4.52	.92	.83	.59	.64	.16	.26	.38 AMP
				354.99	145.29	278.96	277.48	314.12	345.81	11.77	335.88 PHASE
179	-5.67	6.22	596	5.83	.92	.14	.68	.62	.28	.35	.41 AMP
				358.84	153.86	239.94	259.87	292.53	313.17	358.84	338.68 PHASE
180	-7.86	7.62	595	5.78	.88	.23	.92	.89	.68	.59	.58 AMP
				358.83	169.84	244.91	258.25	264.88	291.39	339.97	332.23 PHASE
181	-8.49	9.17	595	6.79	.72	.33	1.19	1.29	1.18	.88	.61 AMP
				356.84	191.12	388.21	258.62	266.42	388.58	346.72	343.38 PHASE
182	-9.58	11.12	594	7.98	.46	.27	1.55	1.82	1.88	1.14	.54 AMP
				354.55	283.72	5.89	259.86	267.91	296.68	344.82	9.14 PHASE

TABLE VII.- Continued

(b) Concluded

PITCH LINK													
PT NO	RUN NO		RPM	θ									
	MEAN	1/2 P-P		1P	2P	3P	4P	5P	6P	7P	8P		
156	-1.54	5.45	595	4.83	.19	.76	.76	1.25	.89	.43	.22	AMP	
				176.33	54.42	149.15	66.63	131.55	195.52	47.94	224.13	PHASE	
157	-.38	6.32	594	6.46	.25	.73	.82	1.29	.14	.32	.13	AMP	
				182.36	76.99	149.82	49.89	119.43	117.53	17.99	91.34	PHASE	
158	.98	7.63	595	5.19	.39	.61	.87	1.47	.28	.47	.89	AMP	
				188.67	113.32	147.71	55.68	119.53	126.78	39.22	182.41	PHASE	
159	2.48	8.97	595	6.33	.43	.46	1.28	1.68	.18	.48	.89	AMP	
				192.75	129.14	118.42	62.48	126.39	64.77	27.44	73.33	PHASE	
160	3.72	18.37	594	7.51	.51	.68	1.38	1.69	.12	.32	.28	AMP	
				198.95	131.71	73.88	77.89	145.69	64.47	31.98	93.16	PHASE	
161	5.85	12.14	594	8.94	.33	.89	1.59	1.85	.19	.38	.28	AMP	
				199.83	122.87	38.56	77.95	158.83	315.82	13.58	54.78	PHASE	
162	6.12	14.36	594	18.36	.12	1.85	1.78	1.92	.35	.48	.49	AMP	
				198.91	185.37	38.53	72.82	148.23	278.71	341.44	54.36	PHASE	
163	6.85	15.67	594	11.34	.36	2.35	1.92	2.11	.39	.31	.44	AMP	
				198.85	247.42	26.81	72.84	139.96	264.76	337.21	49.42	PHASE	
164	-2.22	6.12	596	4.45	.23	.79	.83	1.84	.24	.66	.44	AMP	
				171.57	314.29	138.62	75.68	142.64	224.21	37.88	222.64	PHASE	
165	-.98	6.76	595	5.12	.86	.78	.83	1.81	.85	.59	.18	AMP	
				188.14	347.63	161.18	76.97	165.65	261.84	72.81	267.83	PHASE	
166	.41	8.86	595	5.78	.82	.78	.98	.97	.15	.74	.86	AMP	
				187.72	126.21	158.26	76.93	164.41	86.71	68.82	38.31	PHASE	
167	1.84	9.96	595	6.73	.14	.58	1.17	1.17	.16	.98	.14	AMP	
				189.76	188.87	117.27	63.37	148.78	38.71	49.19	296.99	PHASE	
168	3.84	11.79	594	7.84	.13	.66	1.34	1.29	.21	.78	.17	AMP	
				192.57	228.53	72.69	69.44	157.33	357.17	47.98	338.82	PHASE	
169	4.78	13.41	595	9.65	.58	1.35	1.43	1.53	.25	.58	.27	AMP	
				197.26	272.72	47.75	84.49	173.18	37.96	53.35	16.83	PHASE	
170	6.84	17.78	595	12.28	1.39	2.52	1.81	1.83	.26	.48	.42	AMP	
				197.87	274.42	38.84	83.34	161.99	128.23	28.86	13.73	PHASE	
171	8.85	28.95	595	14.25	1.68	3.35	1.97	1.89	.78	.73	.54	AMP	
				195.34	278.78	43.14	85.15	147.59	188.87	46.78	28.85	PHASE	
172	9.46	24.75	595	15.66	2.29	3.78	2.1	1.89	.94	.91	.78	AMP	
				194.64	268.32	45.98	92.55	137.89	188.85	53.49	8.27	PHASE	
173	-3.89	7.35	595	8.85	.76	.56	.94	1.19	.12	.74	.25	AMP	
				172.59	317.86	188.89	115.71	157.72	138.96	69.45	321.18	PHASE	
174	-1.62	8.22	595	5.45	.65	.65	.83	1.37	.84	.76	.41	AMP	
				176.52	388.23	189.17	88.47	137.88	59.62	68.85	337.52	PHASE	
175	-.41	9.65	594	6.82	.86	.51	.97	1.29	.22	.76	.52	AMP	
				181.88	286.88	187.12	83.81	144.75	48.56	43.87	3.84	PHASE	
176	1.19	18.71	595	7.28	.82	.25	1.13	1.48	.25	.88	.59	AMP	
				186.18	278.45	173.74	89.39	144.55	65.39	63.58	7.17	PHASE	
177	2.85	13.81	594	8.65	1.12	.43	1.52	1.58	.28	.63	.79	AMP	
				188.28	288.29	76.97	92.42	154.89	115.28	74.64	5.59	PHASE	
179	4.89	16.66	596	18.74	1.59	1.14	1.65	1.82	.43	.55	1.32	AMP	
				191.36	274.65	56.36	83.34	131.34	126.62	69.31	349.93	PHASE	
180	7.48	21.18	595	13.93	2.11	2.11	2.14	2.76	.95	.88	1.67	AMP	
				198.89	273.21	58.61	83.66	118.84	121.62	73.52	348.52	PHASE	
181	9.81	25.94	595	17.51	2.28	3.23	2.48	3.45	1.44	1.45	1.47	AMP	
				198.89	263.64	71.48	92.83	183.88	114.79	98.62	1.99	PHASE	
182	11.93	38.94	594	28.61	2.89	4.83	2.39	5.23	3.78	2.68	1.21	AMP	
				198.26	252.18	84.35	89.43	87.98	117.48	128.19	95.28	PHASE	

TABLE VII.- Continued

(c) $\mu = 0.30$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
213	-1.3	5.2	4.1	.04287	-.00294	.00256
214	-2.3	6.6	6.0	.05092	-.00446	.00321
215	-2.4	7.6	8.0	.06195	-.00568	.00385
216	-2.7	8.0	9.9	.07463	-.00654	.00449
217	-3.3	9.2	11.9	.08551	-.00838	.00551
218	-4.2	10.5	14.1	.09520	-.01058	.00692
219	-4.4	10.6	14.8	.09788	-.01096	.00739
220	-4.8	11.2	15.8	.10209	-.01195	.00825
221	-.8	5.3	3.9	.02056	-.00307	.00234
222	-1.0	5.1	5.9	.03618	-.00540	.00324
223	-1.7	6.2	7.8	.04642	-.00734	.00401
224	-2.1	6.8	9.9	.05940	-.00970	.00491
225	-3.0	8.1	11.8	.06727	-.01206	.00591
226	-3.1	9.6	13.9	.07857	-.01476	.00725
227	-3.1	9.8	14.9	.08303	-.01548	.00774
228	-3.3	9.9	15.9	.08991	-.01593	.00829
236	-2.2	4.2	0.0	.03409	.00050	.00134
237	-2.4	5.1	1.8	.04974	.00039	.00154
238	-2.2	6.1	3.8	.05815	.00017	.00188
239	-2.4	6.7	5.8	.07053	.00021	.00226
240	-2.7	8.2	7.9	.08046	-.00064	.00303
241	-3.3	9.0	9.8	.09151	-.00101	.00376
242	-3.8	10.1	11.8	.10096	-.00182	.00492
243	-4.5	11.1	13.8	.10760	-.00233	.00647
244	-.6	3.4	-3.1	.03404	.00474	.00045
245	-1.5	4.6	-.1	.05352	.00627	.00024
246	-2.1	5.5	1.8	.06479	.00701	.00039
247	-2.6	6.4	3.8	.07612	.00763	.00065
248	-2.8	8.2	5.8	.08404	.00683	.00132
249	-3.2	8.8	7.8	.09563	.00797	.00182
250	-3.9	10.0	9.9	.10354	.00738	.00305

TABLE VII.- Continued

(c) Continued

FLAPWISE 25 PERCENT RADIUS												
PT NO	RUN NO		RPM	1#								8P
	MEAN	1/2 P-P		1P	2P	3P	4P	5P	6P	7P		
213	48.79	13.67	623	4.57	3.65	2.63	.87	4.45	1.28	1.94	1.10	AMP
				145.55	328.88	2.58	322.92	65.21	312.21	238.21	28.42	PHASE
214	58.86	14.18	622	4.98	3.88	3.16	.92	4.14	1.21	1.87	.74	AMP
				136.22	319.37	357.24	387.84	68.83	295.54	218.25	14.68	PHASE
215	51.33	14.12	622	5.41	4.11	3.36	1.85	4.15	.98	2.12	.94	AMP
				134.88	324.51	3.23	296.91	68.36	295.34	217.76	358.78	PHASE
216	52.53	14.85	623	5.45	4.29	3.33	1.10	4.59	.88	2.22	.75	AMP
				123.95	319.86	357.94	278.36	45.27	263.72	193.23	353.78	PHASE
217	53.73	14.23	622	5.86	4.23	3.35	1.87	5.88	.74	2.23	.76	AMP
				115.26	326.44	1.89	272.91	68.44	245.39	199.61	4.75	PHASE
218	54.92	14.42	622	6.39	4.38	3.11	1.64	4.97	1.84	2.23	.38	AMP
				182.48	336.58	.14	254.15	77.91	217.13	197.24	23.89	PHASE
219	55.38	14.64	624	6.66	4.56	2.78	2.88	5.87	1.13	2.55	.57	AMP
				92.15	332.27	344.74	238.82	71.66	198.28	178.75	58.86	PHASE
228	55.78	16.48	621	7.41	4.82	2.74	2.47	5.81	1.33	2.82	.59	AMP
				82.55	335.83	327.62	226.99	81.32	181.38	164.65	77.92	PHASE
221	47.23	11.42	622	4.81	2.43	2.33	.77	3.93	1.87	.94	.75	AMP
				141.19	313.52	338.86	17.35	38.98	298.16	214.53	345.45	PHASE
222	48.78	11.37	621	3.99	3.82	3.89	.89	3.95	1.81	1.82	.78	AMP
				146.28	323.81	367.91	341.78	42.39	318.84	233.73	355.34	PHASE
223	58.15	12.66	622	4.31	3.35	3.38	1.85	4.22	.98	1.84	.84	AMP
				137.86	325.63	357.86	338.84	34.85	383.26	223.16	341.48	PHASE
224	51.74	13.13	622	4.78	3.75	3.64	1.35	4.78	.71	1.88	.77	AMP
				138.72	329.63	.44	319.88	48.77	295.35	218.36	339.64	PHASE
225	53.84	14.23	623	5.38	3.85	3.75	1.68	5.84	.58	.76	.76	AMP
				115.49	324.18	343.29	299.98	16.71	258.18	166.38	293.38	PHASE
226	54.38	14.38	621	6.16	3.96	3.75	1.98	4.91	.54	.98	.73	AMP
				112.37	348.21	383.14	312.32	43.27	227.88	179.61	381.85	PHASE
227	55.15	14.83	621	6.36	4.87	3.53	2.15	4.83	.58	1.86	.56	AMP
				184.72	338.78	346.32	296.41	48.93	286.12	161.49	287.63	PHASE
228	55.74	14.44	615	6.96	4.27	3.35	2.45	4.38	.81	1.24	.84	AMP
				93.98	332.53	334.84	275.97	37.38	171.77	148.73	286.28	PHASE
236	47.71	13.43	622	4.97	3.58	1.47	.71	5.49	1.88	2.89	.69	AMP
				136.14	387.28	355.17	12.89	46.78	314.84	234.62	63.83	PHASE
237	48.92	13.81	622	5.32	3.92	2.11	.69	5.83	1.77	2.14	.34	AMP
				138.47	313.81	7.84	26.43	55.35	338.34	249.51	148.47	PHASE
238	58.21	13.82	623	5.72	4.24	2.43	.45	5.63	1.37	2.82	.52	AMP
				148.66	319.11	28.52	45.91	62.95	335.88	252.68	289.13	PHASE
239	51.32	12.99	623	5.79	4.59	2.78	.45	5.34	1.17	2.34	.85	AMP
				134.17	314.87	17.74	28.67	41.79	388.95	236.88	189.86	PHASE
248	52.42	13.58	621	6.23	4.83	3.16	.42	4.77	.94	2.37	.75	AMP
				138.87	328.61	21.88	66.54	68.67	285.67	248.55	185.88	PHASE
241	53.38	14.34	622	6.27	5.15	3.17	.28	3.42	1.16	2.64	1.65	AMP
				128.78	323.85	23.37	58.92	53.19	247.82	235.11	161.47	PHASE
242	54.11	15.78	622	6.58	5.57	2.48	.41	1.62	1.78	2.74	1.88	AMP
				189.48	333.77	17.22	277.56	58.84	243.96	242.56	177.94	PHASE
243	54.42	19.67	622	7.55	6.54	2.28	1.61	5.85	2.88	3.15	2.14	AMP
				81.73	321.58	282.88	245.56	269.85	194.61	193.78	149.63	PHASE
244	45.81	14.34	621	6.48	4.24	.88	1.84	5.93	2.27	2.13	.81	AMP
				143.77	313.11	91.45	76.84	51.32	327.82	266.46	156.83	PHASE
245	47.87	15.27	622	6.98	4.98	1.75	1.36	5.52	2.12	2.83	.68	AMP
				144.32	318.28	84.86	85.82	61.67	347.79	281.16	283.49	PHASE
246	48.88	16.86	622	7.19	5.23	2.25	1.52	5.62	1.97	2.86	.48	AMP
				138.19	318.32	67.12	69.99	38.71	328.78	249.43	246.52	PHASE
247	49.92	15.16	622	7.38	5.59	2.78	1.49	5.14	1.94	2.23	.68	AMP
				137.89	315.42	64.48	76.94	39.27	318.22	262.45	233.94	PHASE
248	58.85	15.26	622	7.78	5.86	2.93	1.86	4.34	1.58	2.19	.71	AMP
				131.52	317.25	58.18	63.65	35.81	386.71	258.68	228.38	PHASE
249	51.56	17.13	622	7.68	6.25	2.48	.51	3.48	1.34	2.38	1.23	AMP
				124.71	322.78	52.66	55.98	23.56	291.77	244.23	175.88	PHASE
258	52.15	18.85	622	7.68	7.16	.81	1.87	2.86	1.37	2.74	1.55	AMP
				118.66	325.53	345.25	252.82	345.51	259.21	233.25	169.38	PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 25 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	52.67	33.70	623	19.89	6.88	5.62	3.67	6.61	5.30	1.53	.64	AMP
				387.37	123.28	218.95	315.59	315.81	295.42	346.82	88.81	PHASE
214	52.85	38.88	622	26.82	8.37	9.31	5.87	7.43	5.49	1.75	.67	AMP
				313.99	125.97	287.47	11.98	389.87	294.79	357.59	78.49	PHASE
215	52.51	58.22	622	37.34	18.19	15.85	7.29	7.86	6.29	1.68	1.15	AMP
				338.28	129.32	215.85	17.19	319.95	274.87	312.83	69.55	PHASE
216	51.48	82.44	623	49.68	12.84	28.84	8.79	8.89	11.48	3.31	1.15	AMP
				339.19	125.99	215.97	14.85	383.43	269.93	286.39	43.49	PHASE
217	58.79	98.39	622	52.85	12.64	25.11	9.26	9.67	13.91	3.73	1.12	AMP
				344.46	129.73	227.35	24.88	388.65	383.78	298.87	54.99	PHASE
218	58.78	115.73	622	78.68	13.29	29.63	9.33	9.41	13.81	3.77	.95	AMP
				348.25	137.25	233.77	17.18	311.63	321.99	311.69	57.61	PHASE
219	51.29	122.69	624	86.23	12.75	38.62	8.78	9.82	18.89	3.89	.94	AMP
				348.71	134.24	227.16	353.31	286.88	317.27	382.55	31.63	PHASE
228	51.45	127.59	621	96.48	12.48	33.32	8.85	9.83	18.32	3.61	1.79	AMP
				351.76	138.25	227.89	329.61	259.53	311.86	329.38	56.86	PHASE
221	51.64	28.83	622	7.84	1.61	4.19	4.67	.79	5.48	.73	.56	AMP
				286.18	127.95	221.91	39.72	381.24	247.72	346.85	48.58	PHASE
222	53.85	31.18	621	16.38	4.55	7.38	5.64	5.68	7.28	.64	.45	AMP
				328.45	137.51	283.38	32.85	318.18	384.12	353.12	77.53	PHASE
223	54.21	49.28	622	24.94	5.48	12.85	7.39	5.45	8.43	.79	.86	AMP
				348.16	137.78	218.41	23.19	322.88	287.65	383.72	63.55	PHASE
224	54.54	71.86	622	37.51	9.78	18.84	9.39	9.99	18.48	2.86	.76	AMP
				352.85	142.88	223.88	23.59	387.87	298.68	388.54	66.65	PHASE
225	55.52	85.48	623	47.81	7.27	22.68	11.24	5.16	12.61	2.48	1.13	AMP
				345.22	128.64	218.73	358.86	263.98	268.51	266.98	7.11	PHASE
226	55.51	188.55	621	66.96	9.31	28.93	13.13	6.26	12.75	2.98	1.27	AMP
				352.88	143.24	228.78	9.32	263.74	384.26	314.14	49.88	PHASE
227	54.69	118.95	621	78.13	9.41	31.95	13.34	7.37	11.87	3.62	1.58	AMP
				355.63	148.69	229.46	352.34	237.96	296.83	318.23	41.88	PHASE
228	63.19	126.31	615	87.11	9.96	33.91	15.55	9.93	14.68	3.88	1.55	AMP
				357.17	148.84	225.78	319.38	224.87	383.26	389.88	28.52	PHASE
236	55.61	29.23	622	14.62	4.21	5.29	3.69	5.59	4.13	1.17	.49	AMP
				261.87	181.11	248.21	42.84	8.97	286.32	342.38	68.92	PHASE
237	54.61	43.58	622	21.35	5.88	7.25	4.58	3.88	13.88	1.88	.72	AMP
				285.83	115.85	252.28	47.38	341.13	242.84	348.55	75.33	PHASE
238	53.44	49.99	623	31.82	9.59	6.97	5.18	7.96	18.86	2.38	.67	AMP
				387.24	128.59	235.79	38.42	315.66	283.88	4.49	71.76	PHASE
239	51.44	57.83	623	41.34	11.92	11.48	6.51	8.12	14.27	2.92	.89	AMP
				321.69	128.74	219.26	38.48	311.23	283.81	331.88	33.86	PHASE
248	49.52	73.86	621	53.99	13.77	15.96	7.49	18.26	16.66	4.84	1.15	AMP
				332.83	138.88	233.28	48.14	327.71	324.81	332.31	38.88	PHASE
241	47.58	91.77	622	65.12	14.98	19.77	8.47	11.53	18.73	5.73	.88	AMP
				348.29	133.32	248.69	34.88	329.72	328.48	389.41	18.22	PHASE
242	46.62	112.77	622	79.39	15.81	22.88	8.85	12.62	18.84	6.42	1.53	AMP
				351.88	142.21	252.75	33.18	349.32	356.46	325.56	36.42	PHASE
243	47.36	142.31	622	98.68	17.22	26.75	18.33	9.17	18.88	6.69	.76	AMP
				356.48	144.26	248.98	4.19	383.78	321.68	288.89	343.98	PHASE
244	58.98	39.81	621	21.65	5.23	6.41	3.85	5.37	5.88	1.12	.35	AMP
				284.43	86.96	251.85	49.45	369.34	268.29	358.75	177.19	PHASE
245	48.89	56.11	622	28.96	7.42	8.25	5.53	3.37	14.53	.99	.62	AMP
				291.47	128.52	287.49	81.13	324.25	272.12	324.64	148.38	PHASE
246	45.97	68.36	622	34.96	18.84	6.94	6.28	7.64	17.83	1.39	.73	AMP
				388.71	121.38	268.56	66.97	283.68	274.84	326.88	133.39	PHASE
247	43.72	64.44	622	42.34	13.42	8.31	6.43	18.63	17.74	1.44	.47	AMP
				316.49	129.42	253.59	88.18	382.59	386.93	296.53	239.48	PHASE
248	42.15	71.43	622	53.32	15.81	12.83	5.93	12.54	17.41	2.73	.34	AMP
				322.67	138.31	244.58	61.58	387.18	318.62	272.65	319.68	PHASE
249	39.39	88.41	612	64.19	17.46	16.33	6.17	12.64	15.82	7.28	.38	AMP
				338.65	134.99	258.74	68.55	338.39	317.24	273.79	339.93	PHASE
258	38.81	187.33	622	76.48	17.61	19.28	5.67	13.89	15.95	8.46	.55	AMP
				346.59	137.82	263.76	22.27	321.38	383.64	268.32	56.88	PHASE

TABLE VII.- Continued

(c) Continued

TORSION 28 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	6.77	7.98	623	5.37	.71	.68	1.27	1.88	.25	.75	.13 AMP
				345.44	88.25	342.81	252.75	323.82	63.91	268.53	94.37 PHASE
214	5.83	8.33	622	5.85	.59	.62	1.28	1.99	.89	.75	.11 AMP
				349.32	56.82	338.18	246.24	321.86	48.53	253.98	188.77 PHASE
215	3.18	9.68	622	7.79	.78	.49	1.58	.93	.11	1.87	.83 AMP
				355.43	51.38	316.85	246.59	311.98	92.74	246.52	18.31 PHASE
216	.95	12.13	623	9.28	1.88	.77	1.78	1.89	.86	1.88	.15 AMP
				357.38	67.98	257.88	238.26	384.89	68.69	226.88	141.83 PHASE
217	-1.27	14.62	622	18.91	1.35	1.25	1.89	1.38	.14	.99	.17 AMP
				3.54	91.12	244.28	258.37	319.53	8.61	248.41	156.61 PHASE
218	-3.83	18.18	622	13.23	2.84	2.82	2.14	1.88	.64	.88	.22 AMP
				7.71	181.83	237.65	256.96	328.81	358.85	258.28	221.73 PHASE
219	-5.84	28.61	624	14.84	2.46	2.63	2.46	2.39	1.88	.91	.28 AMP
				5.29	94.56	231.68	251.23	315.86	326.97	232.45	217.87 PHASE
220	-6.68	22.91	621	16.87	2.98	3.27	2.49	2.38	1.26	1.87	.18 AMP
				5.18	92.33	237.68	268.27	317.83	387.99	248.16	266.85 PHASE
221	7.86	6.26	622	5.19	.48	.69	1.85	1.85	.18	.38	.87 AMP
				334.25	78.73	324.82	237.77	287.76	98.73	238.67	43.12 PHASE
222	5.94	6.87	621	5.71	.41	.68	1.12	.96	.12	.42	.85 AMP
				347.17	57.72	346.32	246.42	388.68	34.88	257.34	93.84 PHASE
223	4.28	7.42	622	6.32	.43	.59	1.24	1.13	.89	.64	.84 AMP
				352.66	31.93	336.75	249.86	291.61	358.96	251.92	31.43 PHASE
224	2.18	9.31	622	7.34	.53	.58	1.54	1.26	.83	.76	.88 AMP
				358.87	34.31	328.33	248.76	293.86	251.24	249.63	218.85 PHASE
225	.47	18.41	623	8.19	.57	.48	1.74	1.44	.89	.75	.89 AMP
				357.83	29.99	277.51	226.87	268.49	181.93	213.81	186.56 PHASE
226	-1.61	12.32	621	9.59	.65	.72	2.85	1.51	.15	.63	.23 AMP
				5.13	67.75	237.47	245.79	382.91	145.28	239.31	233.89 PHASE
227	-2.79	14.88	621	18.68	.95	1.28	2.15	1.52	.29	.62	.28 AMP
				6.89	88.87	225.36	244.88	388.68	187.49	225.85	223.37 PHASE
228	-3.83	15.97	615	11.87	1.39	1.78	2.31	1.77	.28	.68	.19 AMP
				4.78	85.64	211.16	236.95	385.38	51.13	212.49	237.97 PHASE
236	18.81	8.78	622	6.17	1.37	.77	1.36	1.41	.88	.73	.27 AMP
				332.73	112.51	2.57	269.95	383.83	317.13	252.88	148.88 PHASE
237	8.15	9.87	622	6.53	1.17	.92	1.28	1.39	.23	.89	.32 AMP
				341.82	187.93	12.73	278.95	385.22	334.88	259.79	184.87 PHASE
238	5.99	9.82	623	7.31	1.19	.83	1.25	1.44	.17	.93	.47 AMP
				349.71	95.89	23.82	273.64	318.91	285.69	265.35	287.71 PHASE
239	3.63	11.74	623	8.63	1.48	.54	1.43	1.68	.33	1.11	.52 AMP
				351.76	83.15	356.33	264.58	282.81	259.16	754.81	187.14 PHASE
248	1.22	14.41	621	18.29	1.91	.37	1.86	1.92	.42	1.85	.58 AMP
				359.85	98.82	313.17	265.56	296.74	311.28	278.11	199.87 PHASE
241	-1.72	17.56	622	12.89	2.47	1.14	2.19	2.42	.61	1.21	.66 AMP
				3.89	98.65	268.18	263.31	286.75	324.83	271.64	187.88 PHASE
242	-4.98	21.65	622	16.21	2.66	2.34	2.76	3.18	.97	1.49	.52 AMP
				7.45	187.89	279.66	273.76	388.58	344.88	298.38	214.21 PHASE
243	-9.51	27.27	622	21.69	2.86	5.35	2.96	4.29	2.24	2.85	.49 AMP
				1.43	118.76	275.38	267.61	272.23	288.89	265.28	272.75 PHASE
244	11.59	9.78	621	6.67	1.69	.41	.94	1.49	.43	.76	.59 AMP
				336.56	116.58	49.78	279.57	317.46	335.99	277.11	185.28 PHASE
245	8.47	18.29	622	7.48	1.42	.13	.82	1.13	.41	.97	.55 AMP
				349.39	121.15	56.76	382.94	317.43	358.84	277.82	218.41 PHASE
246	6.24	18.98	622	8.47	1.58	.85	1.31	1.31	.39	1.85	.45 AMP
				349.98	186.15	285.54	281.41	285.18	314.53	252.32	188.26 PHASE
247	3.68	12.97	622	18.87	1.97	.24	.74	1.72	.55	1.84	.58 AMP
				356.12	184.12	192.91	267.33	288.36	388.54	271.89	281.38 PHASE
248	1.18	15.87	622	11.68	2.23	.39	1.13	2.87	.71	1.18	.62 AMP
				357.78	188.41	216.21	256.58	282.31	318.25	263.36	197.93 PHASE
249	-2.35	19.58	622	15.87	2.88	.95	1.55	2.69	.68	1.39	.76 AMP
				1.68	182.48	255.43	267.85	293.88	337.91	269.71	177.68 PHASE
258	-6.23	24.38	622	18.99	2.36	2.48	1.88	2.82	4.49	1.64	1.11 AMP
				1.43	97.51	288.88	286.51	384.92	4.83	268.35	154.76 PHASE

TABLE VII.- Continued

(c) Continued

FLAPWISE 37 PERCENT RADIUS												
PT NO	RUN NO	1σ	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	34.78	15.85	623	8.58	4.61	3.76	.44	2.51	.38	.26	.38	AMP
				138.44	318.71	3.93	321.38	67.87	254.82	176.31	198.28	PHASE
214	35.96	16.82	622	9.14	4.82	4.38	.54	2.27	.47	.23	.32	AMP
				136.35	316.28	359.83	311.86	63.83	238.38	158.78	178.65	PHASE
215	37.84	16.58	622	18.27	5.38	4.84	.56	2.21	.58	.23	.29	AMP
				137.48	316.49	6.46	386.87	58.31	237.35	161.34	172.68	PHASE
216	37.89	16.96	623	11.88	5.61	5.18	.46	2.33	.56	.27	.27	AMP
				132.42	388.16	2.37	274.85	44.61	289.44	178.52	157.56	PHASE
217	39.88	18.88	622	11.94	5.55	5.58	.31	2.56	.58	.25	.26	AMP
				131.56	318.61	9.13	269.92	61.89	288.71	215.99	184.89	PHASE
218	48.86	19.28	622	12.51	5.71	5.65	.66	2.49	.69	.33	.28	AMP
				129.94	312.96	12.79	225.34	81.24	184.36	243.53	212.59	PHASE
219	48.38	19.66	624	12.55	5.96	5.21	.99	2.65	.79	.35	.21	AMP
				125.37	386.97	3.87	197.17	77.61	158.39	245.45	223.14	PHASE
228	48.68	19.98	621	12.64	6.31	5.82	1.33	2.61	.95	.24	.12	AMP
				121.75	387.24	358.63	192.38	91.38	152.37	239.88	285.88	PHASE
221	34.68	18.98	622	6.67	2.99	2.93	.45	2.48	.28	.14	.14	AMP
				132.15	321.88	358.76	354.83	28.53	291.15	283.86	168.44	PHASE
222	35.88	13.84	621	7.66	3.98	4.84	.57	2.21	.32	.24	.38	AMP
				139.82	322.25	2.79	348.74	44.53	268.12	191.91	191.91	PHASE
223	36.92	13.78	622	8.47	4.31	4.57	.68	2.39	.39	.21	.27	AMP
				138.81	321.78	4.76	334.97	34.29	265.29	196.83	163.39	PHASE
224	38.89	15.88	622	9.61	5.82	5.22	.79	2.78	.38	.27	.27	AMP
				139.45	323.79	8.88	328.43	37.58	257.61	237.46	152.68	PHASE
225	39.23	15.72	623	18.51	5.18	5.57	.98	3.88	.28	.34	.25	AMP
				132.65	313.88	354.57	318.88	14.33	224.46	213.88	113.95	PHASE
226	48.47	16.88	621	11.79	5.51	6.18	1.13	2.88	.38	.58	.26	AMP
				136.31	322.91	9.22	326.74	48.91	228.77	261.88	147.46	PHASE
227	41.86	17.57	621	12.18	5.84	6.87	1.89	2.88	.25	.53	.16	AMP
				134.74	319.28	5.94	388.36	37.87	191.78	263.18	117.61	PHASE
228	41.36	18.48	615	12.55	6.11	5.89	.83	2.58	.34	.38	.17	AMP
				129.69	312.49	359.28	298.18	39.78	151.63	246.79	93.88	PHASE
236	32.52	14.58	622	8.38	4.28	2.37	.21	3.18	.58	.13	.31	AMP
				134.56	313.21	352.21	292.27	52.57	289.19	184.88	195.46	PHASE
237	33.55	15.95	622	9.48	4.75	2.99	.13	3.43	.48	.19	.84	AMP
				137.82	314.36	3.26	355.89	59.74	322.69	168.83	244.13	PHASE
238	34.57	16.81	623	18.46	5.29	3.47	.17	3.31	.31	.26	.85	AMP
				139.48	315.59	13.82	99.67	78.63	318.86	161.55	2.12	PHASE
239	35.37	17.47	623	11.41	5.82	3.99	.32	3.85	.33	.33	.16	AMP
				135.98	388.21	9.76	81.89	48.98	281.91	149.62	359.95	PHASE
248	36.38	18.71	621	12.29	6.22	4.72	.55	2.83	.23	.29	.15	AMP
				135.74	311.94	18.76	182.82	65.38	245.39	181.66	343.89	PHASE
241	36.95	18.79	622	12.88	6.78	5.81	.57	2.11	.51	.25	.49	AMP
				133.86	313.24	22.51	94.51	55.52	282.24	288.21	322.73	PHASE
242	37.63	19.13	622	13.35	7.64	4.53	.56	1.17	.79	.36	.55	AMP
				133.72	319.84	29.54	148.82	56.14	283.67	241.87	338.58	PHASE
243	38.88	19.14	622	13.15	9.88	2.46	.88	.65	.89	.28	.58	AMP
				125.28	386.37	353.98	288.88	333.63	149.42	153.16	382.58	PHASE
244	38.81	14.85	621	9.96	4.77	1.82	.34	3.14	.48	.28	.89	AMP
				136.98	315.25	41.84	183.75	62.15	314.81	158.98	294.78	PHASE
245	32.25	16.23	622	11.88	5.78	1.98	.63	2.98	.48	.31	.89	AMP
				141.79	315.31	57.55	188.34	68.68	357.18	168.92	37.48	PHASE
246	32.97	17.53	622	12.58	6.31	2.57	.82	3.81	.35	.32	.23	AMP
				137.12	385.11	44.89	83.25	44.28	325.91	149.46	92.89	PHASE
247	33.68	18.22	622	13.32	6.98	3.38	.98	2.85	.39	.28	.34	AMP
				138.56	389.51	42.78	85.61	43.65	332.48	141.98	97.43	PHASE
248	34.47	19.58	622	14.81	7.48	3.96	.76	2.41	.21	.36	.36	AMP
				136.58	388.79	32.28	88.91	39.43	317.43	141.16	95.32	PHASE
249	34.96	28.28	622	14.61	8.36	4.84	.51	2.84	.84	.22	.25	AMP
				136.19	312.45	36.58	118.26	24.75	233.91	151.81	12.69	PHASE
258	35.54	28.64	622	14.64	9.66	2.59	.85	1.38	.28	.42	.42	AMP
				133.64	312.49	15.84	215.43	345.98	288.62	174.87	345.48	PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 37 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	29.55	33.99	623	15.79	5.41	4.19	5.92	6.98	9.82	3.81	1.42	AMP
				381.88	115.78	239.88	25.56	323.85	295.82	354.61	117.57	PHASE
214	29.39	37.58	622	21.26	6.64	6.66	7.64	8.21	9.11	4.21	1.51	AMP
				387.66	121.55	226.44	15.33	316.29	293.78	1.44	91.55	PHASE
215	28.33	51.71	622	29.76	8.23	11.28	18.55	8.26	18.34	2.28	2.71	AMP
				373.61	125.39	238.31	19.64	326.47	273.93	327.44	82.83	PHASE
216	26.22	74.13	623	39.27	18.87	16.87	12.42	9.78	18.29	5.42	2.22	AMP
				331.91	124.86	231.94	15.79	388.14	269.86	275.28	62.51	PHASE
217	24.45	85.89	622	49.83	12.32	28.95	13.58	11.53	21.55	6.52	1.92	AMP
				337.47	129.34	243.41	23.32	313.14	383.16	282.71	65.84	PHASE
218	22.88	188.36	622	62.68	13.98	25.47	13.72	18.96	19.67	7.22	2.83	AMP
				341.82	136.58	249.34	18.25	315.17	321.26	288.81	58.15	PHASE
219	22.65	181.13	624	68.83	14.64	26.94	12.67	18.89	14.85	7.88	2.84	AMP
				342.42	133.44	241.23	359.88	287.21	315.59	283.24	14.38	PHASE
220	21.98	184.59	621	75.57	16.83	29.79	12.18	18.58	11.71	7.82	1.54	AMP
				345.79	138.88	239.97	344.93	252.78	387.61	312.14	15.86	PHASE
221	28.38	21.68	622	6.68	1.53	3.89	5.96	1.22	8.52	1.97	1.28	AMP
				285.35	137.15	237.46	31.88	5.73	247.99	342.68	83.19	PHASE
222	28.77	32.64	621	13.82	3.72	4.88	7.67	6.36	11.87	1.39	1.26	AMP
				321.53	135.42	222.81	32.45	324.96	382.29	2.63	118.99	PHASE
223	29.24	46.91	622	19.28	4.69	8.42	9.68	6.71	13.32	1.37	1.66	AMP
				331.98	135.36	227.23	27.28	329.78	286.26	279.38	98.82	PHASE
224	29.88	64.83	622	28.18	5.34	13.27	12.85	6.88	16.55	4.22	1.73	AMP
				343.34	148.49	238.45	26.75	324.69	288.32	287.78	96.41	PHASE
225	29.23	75.56	623	35.78	6.34	17.36	14.67	5.58	19.88	5.66	1.72	AMP
				337.71	127.38	224.89	2.77	286.85	266.98	244.68	41.45	PHASE
226	28.18	96.99	621	58.72	8.18	22.97	17.39	5.37	19.79	6.48	2.25	AMP
				345.25	139.59	242.18	14.66	281.41	382.15	283.94	68.75	PHASE
227	26.85	188.46	621	58.68	8.85	25.94	17.63	5.75	18.28	7.46	2.45	AMP
				347.89	136.19	241.79	9.22	247.13	294.76	291.86	46.41	PHASE
228	25.48	184.74	615	64.97	9.86	28.26	18.17	8.65	21.87	7.49	2.85	AMP
				349.14	134.25	236.96	332.28	224.19	388.84	294.15	12.65	PHASE
236	33.16	32.16	622	12.58	3.44	4.37	4.87	7.46	5.15	2.54	.34	AMP
				262.38	99.73	258.49	34.81	13.23	289.56	8.61	78.43	PHASE
237	32.88	45.25	622	18.15	5.37	6.45	6.84	5.83	19.68	2.88	1.41	AMP
				283.48	189.39	268.14	37.63	357.68	248.86	358.68	57.78	PHASE
238	38.52	52.88	623	26.26	8.78	6.62	7.52	8.43	16.81	5.29	1.76	AMP
				383.55	115.44	253.47	36.41	325.37	283.71	14.36	84.14	PHASE
239	28.82	68.75	623	33.99	11.19	9.84	9.54	9.44	22.43	4.74	1.83	AMP
				316.57	117.47	238.88	38.94	319.78	285.81	355.39	48.91	PHASE
248	25.85	75.58	621	43.99	13.34	13.58	11.89	12.53	26.83	5.26	2.83	AMP
				327.12	127.85	252.79	41.66	334.19	327.24	345.21	44.73	PHASE
241	21.71	93.42	622	53.63	15.13	17.13	12.48	15.78	29.86	8.88	2.43	AMP
				335.17	132.61	259.31	37.16	336.99	331.52	387.45	18.19	PHASE
242	19.29	188.61	622	65.83	16.98	28.58	12.87	17.85	27.59	18.13	3.68	AMP
				345.75	143.48	269.84	38.82	353.76	359.82	328.52	16.77	PHASE
243	18.88	118.68	622	79.25	28.86	25.25	13.12	14.11	27.47	11.58	2.93	AMP
				351.81	147.77	257.98	8.16	318.66	327.89	282.93	388.97	PHASE
244	29.52	38.88	621	17.88	4.52	5.22	3.93	0.31	11.24	2.33	.48	AMP
				263.34	85.88	251.86	47.32	7.47	258.57	24.34	248.43	PHASE
245	26.81	65.23	622	24.22	7.48	7.35	6.96	3.44	21.97	1.97	.83	AMP
				298.28	116.78	289.84	73.72	338.43	278.86	16.28	92.32	PHASE
246	24.56	63.88	622	29.45	18.88	7.88	8.21	8.48	27.12	3.89	1.36	AMP
				299.26	118.18	276.86	62.39	288.31	275.12	.85	91.32	PHASE
247	21.64	66.98	622	35.79	13.51	8.82	8.65	12.78	27.46	2.86	1.84	AMP
				314.56	128.16	273.84	77.16	389.48	389.75	7.66	112.94	PHASE
248	19.24	76.85	622	44.79	15.18	18.89	8.68	15.73	27.84	2.89	1.68	AMP
				328.76	129.23	265.54	68.42	315.11	314.71	298.67	54.87	PHASE
249	15.34	91.23	622	54.67	18.84	14.78	9.22	18.21	25.83	18.31	1.96	AMP
				335.85	135.55	271.95	58.81	339.74	324.14	271.46	29.25	PHASE
258	13.11	97.66	622	65.28	19.28	18.82	8.41	19.19	24.87	13.88	2.58	AMP
				343.88	141.82	274.74	25.21	328.28	389.53	263.34	38.47	PHASE

TABLE VII.- Continued

(c) Continued

TORSION 36 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	5.31	8.14	623	6.66	.88	.32	1.88	.91	.26	.47	.87	AMP
				338.78	82.89	314.78	223.28	277.25	48.49	221.35	28.29	PHASE
214	3.58	8.41	622	7.14	.63	.27	1.86	.98	.15	.53	.87	AMP
				341.84	67.51	381.79	215.78	275.38	43.34	215.91	122.48	PHASE
215	1.45	9.63	622	8.18	.76	.24	1.38	.98	.18	.78	.86	AMP
				347.37	65.98	247.14	215.62	268.45	62.88	281.75	265.16	PHASE
216	-.81	11.63	623	9.53	1.14	.73	1.68	1.81	.19	.73	.88	AMP
				349.83	72.22	283.85	288.18	257.58	47.28	181.62	81.21	PHASE
217	-3.18	13.98	622	11.83	1.52	1.25	1.71	1.26	.19	.72	.12	AMP
				355.88	87.97	281.82	219.27	274.65	29.29	195.53	98.44	PHASE
218	-5.74	17.82	622	13.82	2.14	1.95	1.95	1.71	.44	.67	.13	AMP
				358.75	92.28	288.39	227.64	288.39	324.38	289.88	157.36	PHASE
219	-6.97	19.83	624	14.43	2.52	2.39	2.21	2.16	.78	.88	.11	AMP
				356.18	84.48	195.99	222.82	277.54	293.84	194.28	158.77	PHASE
220	-8.55	21.19	621	16.19	2.92	2.81	2.28	2.22	.98	.88	.12	AMP
				355.93	81.41	282.31	232.54	281.61	271.86	288.18	283.72	PHASE
221	5.48	6.76	622	5.64	.57	.31	.91	.94	.13	.23	.84	AMP
				329.31	78.18	381.83	289.22	243.93	44.18	192.37	322.36	PHASE
222	3.47	7.41	621	6.15	.58	.38	.93	.98	.14	.38	.83	AMP
				348.88	78.88	319.86	215.18	256.82	36.15	224.21	61.96	PHASE
223	1.88	7.96	622	6.79	.48	.22	1.18	1.82	.88	.44	.84	AMP
				345.29	55.96	299.88	216.24	249.22	16.21	287.88	381.65	PHASE
224	-.19	8.97	622	7.79	.47	.19	1.39	1.17	.88	.55	.82	AMP
				358.88	52.77	234.88	216.88	251.47	79.67	282.43	122.71	PHASE
225	-1.88	9.96	623	8.57	.58	.34	1.57	1.32	.11	.56	.88	AMP
				348.54	49.87	187.47	192.61	226.25	71.53	PHASE	81.55	PHASE
226	-3.98	11.91	621	9.82	.69	.83	1.82	1.35	.22	.48	.18	AMP
				356.28	82.62	185.78	213.28	268.79	82.28	191.15	186.32	PHASE
227	-5.86	13.42	621	18.75	1.81	1.24	1.89	1.33	.36	.47	.18	AMP
				357.13	86.98	183.59	211.91	266.63	57.97	176.97	182.71	PHASE
228	-6.12	15.33	615	11.81	1.46	1.78	2.81	1.54	.34	.49	.12	AMP
				355.48	85.83	174.93	284.89	266.25	18.78	167.56	287.27	PHASE
236	8.57	8.61	622	6.35	1.48	.54	1.21	1.27	.82	.44	.18	AMP
				326.83	182.65	344.32	238.16	268.84	339.36	211.66	98.48	PHASE
237	6.71	8.96	622	6.78	1.31	1.12	1.28	1.28	.14	.55	.19	AMP
				334.47	181.79	355.82	247.99	261.88	383.88	215.82	135.68	PHASE
238	4.63	9.45	623	7.44	1.26	.55	1.88	1.35	.85	.62	.27	AMP
				341.88	93.13	6.94	244.37	267.33	228.83	219.25	159.24	PHASE
239	2.34	18.95	623	8.67	1.53	.22	1.32	1.51	.13	.76	.38	AMP
				343.38	78.22	335.71	233.44	242.57	282.83	218.11	141.99	PHASE
248	.89	12.93	621	18.27	1.92	.27	1.72	1.73	.23	.74	.26	AMP
				358.22	82.74	221.27	234.84	259.57	264.25	235.63	158.52	PHASE
241	-2.58	15.41	622	12.41	2.36	.98	2.88	2.86	.48	.85	.48	AMP
				353.56	86.11	219.28	233.84	249.92	274.14	231.16	136.14	PHASE
242	-5.44	19.13	622	15.32	2.49	1.83	2.67	2.61	.71	1.86	.36	AMP
				357.41	92.42	241.34	245.38	264.14	298.48	249.91	168.16	PHASE
243	-9.43	23.56	622	19.93	1.86	4.84	3.85	3.48	1.85	2.87	.48	AMP
				358.57	86.62	246.92	241.88	238.38	236.35	222.11	215.89	PHASE
244	18.19	9.37	621	6.76	1.88	.41	.85	1.32	.27	.47	.37	AMP
				328.75	187.21	18.83	242.87	274.65	385.41	235.51	132.88	PHASE
245	7.19	9.91	622	7.49	1.62	.89	.88	1.88	.24	.62	.34	AMP
				348.32	112.24	34	263.97	274.78	317.48	238.88	154.53	PHASE
246	5.86	18.81	622	8.35	1.74	.11	.76	1.12	.18	.78	.26	AMP
				348.21	97.67	165.52	242.32	243.83	284.78	285.86	128.69	PHASE
247	2.59	12.24	622	9.76	2.85	.45	.88	1.43	.31	.78	.34	AMP
				345.87	92.32	159.45	234.46	239.87	256.79	228.26	148.69	PHASE
248	.35	14.17	622	11.28	2.25	.61	1.22	1.67	.47	.75	.39	AMP
				347.23	87.38	169.97	227.41	248.76	268.24	222.43	144.56	PHASE
249	-2.83	17.36	622	14.18	2.69	.89	1.68	2.11	.51	.85	.47	AMP
				358.78	85.36	283.99	237.71	252.15	298.68	223.58	132.44	PHASE
258	-6.28	19.84	622	17.47	2.27	1.78	1.96	2.81	.39	.99	.63	AMP
				358.84	76.11	254.76	268.56	266.65	319.81	213.16	185.55	PHASE

TABLE VII.- Continued

(c) Continued

FLAPWISE 51 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	21.17	17.72	623	11.82	6.31	5.27	.95	.97	.57	1.65	.93 AMP
				129.38	386.42	358.32	312.92	245.46	128.52	41.57	218.28 PHASE
214	22.27	18.78	622	129.41	381.58	354.55	308.24	241.48	121.68	38.96	284.12 PHASE
				13.57	7.48	7.86	.98	.92	.39	1.93	.68 AMP
215	23.86	21.74	622	131.82	388.31	359.82	313.64	251.84	189.55	32.35	179.11 PHASE
				15.13	8.14	7.51	.88	.97	.39	2.85	.46 AMP
216	23.68	24.85	623	128.64	298.91	354.86	385.88	236.78	81.49	9.27	176.15 PHASE
				16.43	8.46	8.16	.82	1.84	.26	2.85	.45 AMP
217	24.53	26.14	622	138.12	291.56	359.33	387.48	248.93	76.97	15.58	184.51 PHASE
				17.49	8.83	8.63	.62	1.15	.38	2.87	.89 AMP
218	25.58	27.57	622	138.36	291.77	2.31	312.66	255.23	63.56	15.96	276.26 PHASE
				17.74	9.21	8.17	.36	1.24	.26	2.36	.55 AMP
219	25.62	27.73	624	127.88	284.95	353.24	296.81	237.31	31.56	349.13	269.82 PHASE
				18.84	9.68	8.18	.87	1.17	.41	2.52	.88 AMP
220	25.93	28.54	621	125.89	284.81	358.38	261.69	239.54	28.23	344.35	284.62 PHASE
				8.53	3.98	3.85	.62	.83	.39	.71	.58 AMP
221	22.83	12.23	622	124.19	386.74	343.23	286.32	225.59	189.38	19.99	165.18 PHASE
				9.98	5.16	5.46	.56	.81	.43	.78	.53 AMP
222	22.76	14.99	621	131.32	387.96	355.85	387.12	234.44	132.85	37.43	177.84 PHASE
				11.88	5.88	6.29	.44	.81	.35	.92	.59 AMP
223	23.66	17.13	622	132.51	385.95	358.19	381.18	226.17	123.73	31.68	159.47 PHASE
				12.63	6.66	7.41	.48	.93	.25	.91	.52 AMP
224	24.51	19.91	622	135.28	386.61	2.89	389.37	242.26	121.76	21.58	157.76 PHASE
				13.93	7.88	8.86	.35	.91	.19	.81	.55 AMP
225	25.54	21.71	623	138.89	295.88	348.76	388.88	222.38	66.98	337.46	187.94 PHASE
				15.68	7.65	9.86	.25	.93	.21	.78	.64 AMP
226	26.73	24.43	621	135.28	383.16	3.46	343.37	245.92	63.35	349.51	111.71 PHASE
				16.48	8.87	9.21	.22	1.83	.23	1.81	.45 AMP
227	27.28	25.18	621	134.92	297.59	.26	356.88	246.99	8.96	338.98	94.59 PHASE
				17.89	8.26	9.28	.31	.92	.38	1.18	.68 AMP
228	27.37	26.64	615	138.91	298.82	353.42	63.83	231.45	344.54	319.84	99.72 PHASE
				18.16	5.99	3.47	.63	1.12	1.81	1.87	.59 AMP
236	18.69	16.14	622	125.43	387.28	346.45	298.59	212.78	113.48	47.75	257.13 PHASE
				11.59	6.53	4.43	.64	.95	1.14	2.12	.52 AMP
237	19.54	17.48	622	138.84	387.45	356.63	311.38	222.64	118.38	62.93	353.46 PHASE
				13.85	7.25	5.85	.67	.83	1.82	1.95	.69 AMP
238	28.33	19.82	623	133.29	386.48	2.61	318.25	228.85	125.25	78.52	22.42 PHASE
				14.78	7.85	5.67	.63	.72	.95	2.38	1.81 AMP
239	28.97	21.81	623	131.16	297.86	357.83	314.76	191.41	92.87	54.74	1.69 PHASE
				16.16	8.57	6.55	.77	.49	.94	2.39	1.88 AMP
248	21.79	23.94	621	132.85	388.84	6.38	344.26	287.71	93.78	66.19	1.58 PHASE
				17.38	9.38	6.73	.89	.24	.95	2.72	1.98 AMP
241	22.39	25.82	622	132.24	388.23	9.44	7.53	157.12	73.51	53.72	341.84 PHASE
				18.49	18.49	6.25	.82	.32	1.87	2.84	2.17 AMP
242	22.91	27.59	622	134.64	385.49	15.74	55.84	128.63	67.57	65.31	359.82 PHASE
				18.58	13.46	4.59	.58	.29	1.57	3.15	2.76 AMP
243	22.81	29.41	622	129.75	293.27	348.98	99.47	15.64	28.51	18.52	327.29 PHASE
				11.28	6.43	2.14	.34	1.33	1.88	1.88	1.82 AMP
244	16.71	16.22	621	127.85	311.84	12.68	292.86	289.74	133.82	76.91	336.72 PHASE
				13.44	7.61	3.21	.53	.92	1.24	2.84	.93 AMP
245	17.89	28.89	622	135.19	318.23	33.37	323.95	227.65	136.88	88.38	13.98 PHASE
				14.44	8.38	3.72	.78	.98	1.16	1.89	.37 AMP
246	18.45	21.81	622	132.84	299.17	28.58	388.48	282.71	114.66	68.88	358.83 PHASE
				16.12	8.91	4.59	.83	.74	1.17	1.92	.76 AMP
247	19.83	23.98	622	134.17	381.41	24.18	338.88	193.46	118.51	74.27	8.69 PHASE
				17.18	9.69	5.54	.91	.64	.93	2.68	.99 AMP
248	19.72	26.81	622	133.65	299.13	15.83	345.84	186.17	181.18	68.28	5.52 PHASE
				18.25	11.34	5.98	.78	.56	.83	2.27	1.78 AMP
249	19.99	28.39	622	135.26	388.98	17.24	9.21	183.78	74.54	52.76	344.88 PHASE
				18.68	13.98	5.22	.37	.28	1.87	2.88	2.35 AMP
258	28.19	38.13	622	135.56	388.52	359.43	18.68	228.74	28.84	39.38	341.28 PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 51 PERCENT RADIUS											
PT NO	MEAN	L/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	27.92	38.50	623	15.45	4.84	3.95	7.44	7.60	11.45	5.15	1.99 AMP
214	27.50	43.70	622	298.66	115.97	261.52	29.59	323.94	296.20	3.40	132.66 PHASE
215	26.70	53.16	622	20.30	5.80	5.96	9.64	8.85	11.46	5.69	2.12 AMP
216	24.35	75.81	623	304.29	118.66	246.24	19.41	316.13	296.87	8.07	101.00 PHASE
217	21.50	84.87	622	27.54	7.44	9.71	12.62	9.20	12.93	2.02	3.91 AMP
218	18.07	93.23	622	316.94	120.48	246.73	23.25	327.65	276.29	341.86	93.44 PHASE
219	18.19	91.03	624	35.77	9.99	14.15	14.59	10.92	22.06	6.13	3.29 AMP
220	16.01	100.99	621	324.29	120.00	245.52	16.02	310.20	272.01	279.93	80.22 PHASE
221	24.70	27.22	622	45.38	11.45	19.14	16.19	12.43	27.02	8.29	2.73 AMP
222	24.13	36.60	621	330.48	124.69	254.55	23.19	317.07	305.50	205.29	80.44 PHASE
223	24.29	50.46	622	56.66	13.46	24.10	17.09	11.41	24.67	9.60	2.31 AMP
224	24.25	66.01	622	335.32	130.03	250.04	18.46	310.75	323.46	291.32	64.23 PHASE
225	24.43	77.65	623	61.10	14.90	26.04	16.14	10.17	18.69	10.71	2.30 AMP
226	23.26	93.59	621	336.16	126.37	240.50	15.00	207.05	317.01	200.30	15.90 PHASE
227	22.37	91.62	621	67.31	17.54	29.79	15.50	12.00	15.03	9.59	1.92 AMP
228	21.20	95.37	615	340.47	131.76	247.14	350.75	246.20	307.70	317.67	6.40 PHASE
229	33.74	34.09	622	6.74	1.30	2.94	5.06	1.27	10.66	2.71	1.81 AMP
230	32.03	55.20	623	207.50	151.06	250.72	30.05	6.39	250.20	345.31	89.54 PHASE
231	27.02	81.00	621	12.47	3.29	4.12	9.31	6.63	14.09	1.71	1.07 AMP
232	27.02	81.00	621	316.20	135.00	246.33	34.30	325.76	304.10	14.20	124.63 PHASE
233	27.02	81.00	621	17.05	4.10	7.20	11.61	7.25	16.05	1.65	2.50 AMP
234	27.02	81.00	621	325.51	135.33	245.95	30.95	332.61	207.90	270.36	112.14 PHASE
235	27.02	81.00	621	25.43	4.70	11.60	14.25	6.74	20.91	5.71	2.93 AMP
236	27.02	81.00	621	335.65	138.62	253.06	30.59	330.61	209.57	205.07	116.50 PHASE
237	32.09	48.31	622	32.26	5.60	15.10	17.42	5.76	25.04	7.76	2.62 AMP
238	32.03	55.20	623	330.53	126.00	230.20	6.26	295.66	260.53	242.40	61.50 PHASE
239	29.00	67.00	623	44.76	6.99	20.55	20.05	5.04	24.94	9.19	3.00 AMP
240	27.02	81.00	621	330.41	137.04	254.70	18.50	207.01	304.01	202.20	84.42 PHASE
241	23.55	101.02	622	51.17	7.52	23.59	21.02	5.23	22.75	10.28	3.15 AMP
242	20.40	103.71	622	340.72	130.30	253.15	5.65	246.03	296.50	291.39	54.23 PHASE
243	17.74	115.97	622	56.19	8.62	26.03	21.09	0.43	26.91	10.17	2.30 AMP
244	30.91	30.75	621	341.30	126.49	246.57	339.96	221.62	301.26	296.93	15.67 PHASE
245	29.24	56.42	622	12.55	3.33	4.23	5.52	0.07	6.47	3.02	0.53 AMP
246	27.50	64.53	622	264.62	100.75	200.95	36.23	14.00	211.20	16.05	90.64 PHASE
247	25.10	73.13	622	17.56	5.07	6.15	7.07	5.45	24.24	2.03	2.01 AMP
248	22.73	81.46	622	202.25	100.01	200.73	30.79	0.35	243.11	3.41	62.01 PHASE
249	10.51	99.77	622	24.39	0.02	6.25	8.05	0.01	20.04	7.13	2.41 AMP
250	15.03	105.46	622	299.79	113.19	205.25	39.07	326.00	266.76	22.12	90.42 PHASE
				31.47	10.40	8.06	11.10	10.15	27.04	6.29	2.61 AMP
				311.00	111.95	249.67	32.94	323.37	200.60	6.63	60.62 PHASE
				40.77	12.55	12.51	13.13	14.17	32.44	6.21	2.33 AMP
				321.50	121.34	263.92	43.77	339.96	330.32	.45	60.23 PHASE
				50.09	14.32	15.90	14.97	10.19	36.33	0.64	2.00 AMP
				323.93	124.04	200.91	37.52	344.74	335.43	315.97	16.71 PHASE
				63.43	16.94	19.64	16.39	20.50	34.60	11.30	4.99 AMP
				339.62	136.00	277.16	37.00	2.21	4.30	326.31	17.00 PHASE
				71.79	22.00	26.43	17.20	16.00	34.62	13.50	5.12 AMP
				346.64	144.50	266.14	0.04	318.59	333.04	290.47	305.29 PHASE
				16.51	4.23	4.54	4.34	6.46	8.69	3.31	1.52 AMP
				263.05	80.13	250.01	53.95	7.29	250.61	35.35	293.07 PHASE
				22.56	6.95	6.26	7.40	3.47	27.26	2.06	1.50 AMP
				207.30	113.01	291.04	74.97	340.31	272.00	34.53	05.57 PHASE
				27.26	10.13	5.92	8.09	0.51	33.56	5.91	2.25 AMP
				295.02	113.00	200.00	63.27	209.35	277.02	15.36	94.21 PHASE
				33.44	12.07	6.07	9.71	13.42	34.13	3.52	2.10 AMP
				310.09	120.54	279.46	75.60	312.77	313.09	41.24	114.44 PHASE
				41.06	14.74	9.70	10.22	17.13	33.46	1.20	2.77 AMP
				316.41	120.50	274.12	50.95	320.57	319.33	341.35	76.05 PHASE
				51.64	17.02	14.00	11.59	21.06	32.03	11.11	3.04 AMP
				329.74	125.05	200.92	46.16	340.49	330.40	273.56	45.56 PHASE
				61.04	19.55	19.61	12.24	21.46	29.02	14.62	4.01 AMP
				330.14	133.21	202.46	23.93	336.07	316.00	263.09	35.26 PHASE

TABLE VII.- Continued

(c) Continued

TORSION 50 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	2.67	6.99	623	5.65	.61	.31	.80	.82	.30	.34	.11 AMP
				347.45	113.95	343.11	249.85	307.85	63.27	274.33	123.82 PHASE
214	1.20	7.17	622	6.80	.40	.23	.79	.79	.20	.40	.11 AMP
				350.60	109.60	340.58	241.07	305.14	69.00	271.84	150.03 PHASE
215	-5.4	7.84	622	6.57	.35	.11	.92	.78	.22	.52	.81 AMP
				355.75	107.39	305.87	240.61	295.11	92.15	250.70	350.30 PHASE
216	-2.34	9.04	623	7.44	.45	.20	1.21	.96	.32	.54	.12 AMP
				356.64	99.62	217.71	226.93	287.11	70.16	226.39	134.71 PHASE
217	-4.14	10.73	622	8.34	.63	.64	1.45	1.20	.38	.56	.14 AMP
				1.66	102.77	198.98	238.89	307.20	78.09	241.02	123.00 PHASE
218	-6.27	12.92	622	9.75	1.02	1.22	1.73	1.50	.39	.53	.12 AMP
				4.77	100.47	196.22	247.21	321.71	39.33	260.38	147.37 PHASE
219	-7.20	14.33	624	10.67	1.23	1.47	1.97	1.97	.51	.59	.10 AMP
				1.66	80.10	192.22	241.63	310.30	349.77	253.15	126.54 PHASE
220	-8.54	15.88	621	11.05	1.42	1.63	2.05	2.13	.61	.73	.83 AMP
				.67	80.50	198.93	251.05	316.39	324.08	257.45	202.68 PHASE
221	3.32	5.85	622	4.82	.42	.23	.70	.80	.18	.17	.87 AMP
				338.98	96.65	332.76	236.40	274.11	66.71	239.13	70.40 PHASE
222	1.68	6.28	621	5.23	.30	.19	.71	.74	.18	.21	.10 AMP
				350.00	110.73	351.28	239.56	207.26	76.05	271.03	97.67 PHASE
223	.19	6.63	622	5.68	.18	.10	.80	.86	.14	.32	.80 AMP
				354.41	112.82	343.36	239.38	278.31	69.71	255.29	63.93 PHASE
224	-1.61	7.37	622	6.40	.15	.05	1.02	1.02	.13	.41	.83 AMP
				359.67	112.24	251.94	236.70	283.60	80.20	245.06	117.05 PHASE
225	-3.09	8.21	623	6.90	.17	.17	1.20	1.15	.15	.42	.84 AMP
				357.15	117.29	180.11	213.30	258.34	70.14	202.47	64.83 PHASE
226	-4.86	9.57	621	7.93	.35	.53	1.41	1.10	.20	.39	.82 AMP
				4.62	141.66	109.67	233.05	292.59	97.71	223.75	263.09 PHASE
227	-5.90	10.60	621	8.57	.56	.82	1.47	1.17	.41	.40	.85 AMP
				5.09	129.53	180.41	232.15	298.10	81.06	207.77	275.39 PHASE
228	-6.75	12.16	615	9.19	.79	1.17	1.53	1.20	.41	.45	.12 AMP
				3.06	119.27	179.66	223.22	296.02	55.10	200.04	299.20 PHASE
236	4.87	7.22	622	5.29	1.20	.52	.95	1.11	.09	.27	.20 AMP
				334.95	119.12	357.37	264.54	289.21	99.51	269.74	167.17 PHASE
237	3.31	7.32	622	5.54	1.04	.61	.86	1.11	.07	.33	.18 AMP
				343.42	123.92	7.03	274.63	294.41	29.84	263.05	208.55 PHASE
238	1.53	7.56	623	6.05	.89	.59	.78	1.11	.07	.42	.20 AMP
				350.49	121.94	16.04	269.33	297.03	193.15	270.15	219.20 PHASE
239	-.33	8.16	623	6.75	.77	.46	.95	1.24	.12	.53	.19 AMP
				351.34	105.76	4.16	254.03	271.07	224.94	257.02	200.46 PHASE
240	-2.18	9.73	621	7.72	.91	.15	1.35	1.43	.12	.57	.19 AMP
				357.16	98.47	18.61	256.06	290.40	279.99	204.05	203.00 PHASE
241	-4.29	11.48	622	9.01	1.07	.39	1.02	1.61	.30	.63	.33 AMP
				359.00	83.30	217.91	254.05	202.22	297.05	207.25	102.74 PHASE
242	-6.77	14.34	622	11.03	1.22	1.07	2.47	1.93	.70	.75	.13 AMP
				1.33	81.71	239.66	269.92	294.64	319.59	309.37	217.92 PHASE
243	-9.98	17.69	622	14.36	1.15	2.34	3.15	2.60	1.04	1.52	.57 AMP
				351.43	32.54	250.09	265.03	269.49	273.67	270.94	261.53 PHASE
244	6.03	7.41	621	5.45	1.51	.80	.65	1.00	.20	.20	.29 AMP
				336.23	121.61	16.52	274.42	303.97	356.11	290.41	192.32 PHASE
245	3.51	7.61	622	5.89	1.19	.30	.59	.83	.12	.35	.23 AMP
				347.91	132.91	4.66	207.94	304.77	1.43	272.40	217.04 PHASE
246	1.03	7.88	622	6.30	1.09	.19	.50	.92	.07	.46	.15 AMP
				347.34	119.77	357.65	262.01	274.96	315.64	246.79	160.97 PHASE
247	-.11	8.92	622	7.19	1.05	.17	.72	1.07	.20	.49	.21 AMP
				351.01	100.32	102.56	254.75	270.53	267.91	274.57	186.59 PHASE
248	-1.94	9.97	622	8.14	1.03	.23	1.01	1.24	.35	.55	.25 AMP
				352.55	97.39	139.25	249.36	271.41	277.31	268.73	190.03 PHASE
249	-4.51	12.44	622	10.06	1.31	.46	1.45	1.52	.49	.50	.33 AMP
				354.01	76.93	190.11	263.17	200.00	317.69	274.09	160.46 PHASE
250	-7.38	14.64	622	12.55	1.45	.09	1.09	1.37	.54	.53	.37 AMP
				351.34	44.92	264.27	205.00	294.10	336.06	247.01	167.04 PHASE

TABLE VII.- Continued

(c) Continued

FLAPWISE 77 PERCENT RADIUS												
PT NO	RUN NO		RPM	1#							8P	
	MEAN	1/2 P-P		1P	2P	3P	4P	5P	6P	7P		
213	- .49	22.65	623	16.27	5.79	3.57	1.66	3.55	.4#	1.82	1.32	AMP
214	1.18	22.99	622	139.56	318.51	313.3#	138.33	239.82	59.16	286.28	33.23	PHASE
215	2.84	25.85	622	16.92	5.98	4.84	1.41	3.35	.42	1.83	1.84	AMP
216	4.36	28.14	623	139.85	313.57	316.26	119.12	237.14	42.7#	197.15	16.93	PHASE
217	6.16	29.85	622	18.3#	6.82	4.5#	1.39	3.3#	.54	2.7#	1.97	AMP
218	8.1#	32.25	622	142.49	311.54	323.73	112.18	234.71	59.89	199.42	352.84	PHASE
219	8.6#	33.28	624	19.71	7.8#	4.38	1.14	3.79	.57	2.84	.56	AMP
220	9.39	33.97	621	148.9#	388.29	328.12	81.32	228.93	38.72	174.43	343.41	PHASE
221	- .4#	17.84	622	21.15	8.33	4.75	.85	4.35	.58	1.98	.39	AMP
222	1.17	28.24	621	143.86	388.3#	327.52	66.85	236.49	43.78	176.43	358.37	PHASE
223	2.75	21.96	622	22.76	8.96	5.81	1.35	4.56	.82	1.98	1.98	AMP
224	4.54	24.7#	622	145.4#	298.9#	331.57	38.92	254.26	28.97	176.99	189.57	PHASE
225	6.11	26.42	623	23.47	9.39	4.85	1.72	4.75	1.8#	2.41	.92	AMP
226	7.95	29.51	621	142.89	292.4#	328.15	16.97	249.39	11.44	161.88	122.8#	PHASE
227	8.85	38.54	621	24.33	9.72	4.98	2.11	4.7#	.95	2.53	1.32	AMP
228	9.63	31.57	615	142.71	291.38	316.36	18.74	259.69	2.51	148.98	126.78	PHASE
229	-2.76	24.24	622	13.82	3.93	3.82	1.38	3.46	.8#	1.8#	.89	AMP
230	-1.87	25.63	623	135.8#	322.24	381.71	144.8#	199.5#	85.6#	168.53	348.77	PHASE
231	.68	27.72	623	14.88	4.85	3.85	1.4#	3.25	.38	.94	.84	AMP
232	2.44	38.13	621	141.84	328.27	319.54	133.61	215.11	88.45	195.81	4.81	PHASE
233	4.29	32.9#	622	15.74	5.35	4.21	1.54	3.56	.38	1.81	.89	AMP
234	6.03	34.28	622	142.63	316.36	324.56	124.58	285.65	75.46	193.5#	346.42	PHASE
235	7.42	36.42	622	17.11	6.29	4.79	1.67	4.12	.4#	1.84	.77	AMP
236	-7.81	24.24	621	18.17	6.98	5.3#	1.74	4.5#	75.58	182.79	341.18	PHASE
237	-2.66	26.66	622	148.93	388.72	324.16	82.69	4.52	.35	.9#	.82	AMP
238	-2.86	28.48	622	19.82	7.87	6.1#	1.93	4.52	41.46	136.29	29#.16	PHASE
239	1.84	38.47	622	146.68	386.59	341.98	99.89	215.9#	.39	145.38	288.44	PHASE
240	2.94	32.55	622	28.76	8.4#	6.21	2.83	4.56	55.84	145.38	288.44	PHASE
241	4.82	33.59	622	145.93	388.27	348.27	84.77	213.14	61.77	132.15	264.72	PHASE
242	2.94	32.55	622	21.71	8.73	6.87	2.82	4.32	.41	1.33	.97	AMP
243	4.82	33.59	622	143.13	293.59	335.17	67.45	213.15	16.82	123.41	264.7#	PHASE
244	4.82	33.59	622	15.68	5.88	3.2#	2.35	4.86	.41	2.22	.8#	AMP
245	4.82	33.59	622	133.95	315.92	287.36	149.16	216.95	329.54	222.68	78.24	PHASE
246	4.82	33.59	622	16.5#	6.8#	3.53	1.86	4.65	291.29	236.55	181.32	PHASE
247	4.82	33.59	622	139.19	315.2#	381.52	164.81	228.5#	4.46	2.33	1.18	AMP
248	4.82	33.59	622	17.65	6.78	3.67	1.3#	4.57	35	1.2#	.77	AMP
249	4.82	33.59	622	143.15	312.56	311.42	164.44	248.68	384.11	238.29	285.7#	PHASE
250	4.82	33.59	622	19.11	7.16	3.47	1.1#	4.42	.41	2.69	1.62	AMP
251	4.82	33.59	622	141.43	383.63	389.45	148.9#	221.89	271.32	228.14	184.53	PHASE
252	4.82	33.59	622	28.61	7.71	3.53	.7#	4.25	.58	2.57	1.59	AMP
253	4.82	33.59	622	144.73	386.2#	322.33	156.3#	238.33	269.72	239.13	188.21	PHASE
254	4.82	33.59	622	22.23	8.82	2.78	.67	3.15	.65	2.81	2.91	AMP
255	4.82	33.59	622	145.85	383.99	328.49	125.43	231.31	319.78	226.3#	161.13	PHASE
256	4.82	33.59	622	24.2#	8.52	1.92	1.22	1.32	.37	3.82	3.46	AMP
257	4.82	33.59	622	147.9#	389.81	327.34	188.94	235.56	34.35	238.94	182.29	PHASE
258	4.82	33.59	622	25.99	9.7#	.8#	3.89	1.38	.86	3.52	4.83	AMP
259	4.82	33.59	622	141.35	299.7#	251.49	73.16	89.22	69.65	193.46	158.18	PHASE
260	4.82	33.59	622	15.29	6.92	2.59	1.7#	4.67	.14	2.81	1.7#	AMP
261	4.82	33.59	622	134.79	315.19	387.43	179.87	223.33	311.94	245.94	153.11	PHASE
262	4.82	33.59	622	16.74	7.37	1.98	1.77	4.34	.19	2.87	1.42	AMP
263	4.82	33.59	622	141.97	316.6#	336.36	194.89	231.47	189.44	255.78	189.43	PHASE
264	4.82	33.59	622	17.91	7.77	1.88	1.68	4.45	.22	1.8#	.63	AMP
265	4.82	33.59	622	139.42	385.37	331.52	188.11	287.4#	123.17	227.89	167.96	PHASE
266	4.82	33.59	622	19.25	7.98	1.98	1.44	4.25	.16	1.8#	1.82	AMP
267	4.82	33.59	622	142.65	386.28	343.57	188.72	289.21	113.35	248.66	178.43	PHASE
268	4.82	33.59	622	21.82	7.99	2.8#	1.3#	3.53	.15	1.98	1.44	AMP
269	4.82	33.59	622	142.14	383.32	343.74	171.77	286.88	5.58	239.98	182.22	PHASE
270	4.82	33.59	622	23.83	8.49	1.76	.88	2.58	.49	1.99	2.71	AMP
271	4.82	33.59	622	144.17	382.43	347.75	159.65	193.85	58.97	226.33	164.16	PHASE
272	4.82	33.59	622	25.84	9.32	1.25	1.28	1.65	.81	2.93	3.78	AMP
273	4.82	33.59	622	143.88	388.88	299.91	91.87	129.92	94.79	285.85	162.98	PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 77 PERCENT RADIUS												
RUN NO		1Ø										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	23.37	17.96	623	4.76	2.37	3.49	2.78	4.0Ø	4.6Ø	1.29	1.19	AMP
				175.36	33Ø.67	311.68	46.15	278.11	294.2Ø	343.1Ø	83.48	PHASE
214	24.94	2Ø.14	622	4.ØØ	2.3Ø	4.ØØ	3.Ø5	4.44	4.67	1.46	1.15	AMP
				18Ø.69	327.Ø1	3Ø4.44	32.Ø7	278.68	295.73	2Ø	72.52	PHASE
215	27.2Ø	19.5Ø	622	3.13	2.58	5.Ø4	5.11	4.11	5.Ø3	.51	1.84	AMP
				213.58	327.68	3Ø4.94	32.84	285.55	276.14	27Ø.4Ø	72.32	PHASE
216	28.64	27.39	623	2.78	2.68	5.11	6.17	5.Ø1	9.34	2.24	1.78	AMP
				249.5Ø	315.69	295.83	21.82	269.89	269.56	25Ø.13	71.85	PHASE
217	29.95	33.98	622	4.2Ø	2.94	7.69	6.93	6.ØØ	11.38	2.85	1.55	AMP
				283.75	318.96	298.85	25.42	279.44	3Ø2.57	261.75	88.76	PHASE
218	31.34	34.83	622	6.42	2.82	8.88	7.44	6.59	11.Ø5	3.36	.95	AMP
				3Ø3.78	321.51	296.99	21.Ø6	285.Ø1	32Ø.39	269.69	1Ø2.96	PHASE
219	32.28	33.72	624	6.62	2.14	8.84	6.68	7.27	8.98	3.5Ø	.95	AMP
				31Ø.13	317.12	28Ø.64	3.2Ø	261.31	312.45	269.34	61.76	PHASE
22Ø	32.96	34.1Ø	621	7.14	.94	9.68	6.Ø2	8.78	7.69	3.15	.81	AMP
				322.89	3Ø6.67	269.92	352.61	244.56	3Ø1.68	3Ø6.75	74.4Ø	PHASE
221	26.88	2Ø.31	622	5.3Ø	1.78	2.91	2.28	2.ØØ	4.ØØ	6.67	1.Ø1	AMP
				153.Ø3	316.77	3ØØ.56	42.54	2Ø1.47	241.97	336.95	43.59	PHASE
222	25.23	17.46	621	3.94	2.Ø9	3.51	3.56	2.ØØ	5.88	.16	.77	AMP
				163.56	324.99	31Ø.Ø7	45.38	266.35	299.Ø3	43.47	83.27	PHASE
223	27.37	28.69	622	2.73	2.15	4.28	4.53	2.37	6.75	.99	.99	AMP
				174.54	323.65	3Ø6.78	41.72	265.59	282.92	221.9Ø	78.Ø1	PHASE
224	29.Ø7	22.59	622	1.32	2.75	5.63	5.94	2.83	8.41	2.34	1.Ø5	AMP
				2Ø4.Ø7	32Ø.13	3Ø9.Ø3	39.71	255.73	2Ø4.48	261.24	99.Ø4	PHASE
225	3Ø.34	27.Ø1	623	1.67	3.85	6.62	7.24	3.29	1Ø.26	3.12	.89	AMP
				262.84	3Ø9.86	292.19	14.69	219.75	252.69	222.46	42.5Ø	PHASE
226	31.19	3Ø.Ø9	621	3.86	3.62	8.47	8.62	4.21	1Ø.31	3.41	.8Ø	AMP
				3Ø5.61	316.84	3Ø4.78	28.Ø1	234.67	298.75	266.84	76.54	PHASE
227	31.71	31.7Ø	621	4.94	3.95	9.32	8.78	4.96	9.45	3.59	.82	AMP
				313.53	313.34	299.93	17.35	22Ø.Ø5	291.51	*78.7Ø	35.14	PHASE
228	31.74	36.88	615	5.7Ø	4.Ø1	9.75	8.18	6.Ø9	11.3Ø	3.44	.32	AMP
				318.65	3Ø6.61	29Ø.86	355.91	212.4Ø	295.29	2Ø9.94	323.49	PHASE
236	2Ø.86	19.48	622	6.61	2.55	3.2Ø	1.92	1.26	2.47	.84	.8Ø	AMP
				165.34	323.62	286.53	74.96	29Ø.29	2Ø8.45	316.39	83.61	PHASE
237	21.95	28.48	622	5.94	2.5Ø	3.98	2.27	2.53	9.88	1.15	.83	AMP
				181.74	327.96	297.69	6Ø.99	26Ø.17	237.96	287.4Ø	1Ø4.21	PHASE
238	23.68	24.Ø4	623	5.Ø3	2.39	3.87	3.12	4.64	8.56	2.Ø7	1.25	AMP
				2ØØ.51	335.68	3Ø6.53	51.95	276.76	261.86	357.6Ø	139.71	PHASE
239	24.63	27.14	623	4.Ø1	2.21	4.16	4.15	4.19	11.61	1.86	1.78	AMP
				218.41	334.22	297.34	42.22	271.36	263.Ø9	337.Ø7	124.79	PHASE
24Ø	25.16	29.29	621	4.Ø2	2.25	5.27	5.14	5.33	13.82	1.94	2.Ø2	AMP
				254.76	339.11	3Ø7.92	48.74	3Ø1.58	324.23	337.72	134.17	PHASE
241	25.71	38.61	622	4.94	2.36	5.67	5.95	6.19	15.78	2.9Ø	2.2Ø	AMP
				284.71	341.ØØ	3Ø7.94	42.66	321.8Ø	331.16	292.Ø5	134.51	PHASE
242	26.57	41.35	622	6.18	2.86	5.83	6.37	7.37	15.11	3.64	1.17	AMP
				313.23	35Ø.ØØ	3Ø3.16	44.5Ø	353.21	1.85	299.11	167.59	PHASE
243	27.23	47.4Ø	622	8.Ø7	1.86	7.82	6.85	6.26	15.18	4.56	2.Ø4	AMP
				338.26	3Ø1.53	269.38	14.65	328.Ø6	333.26	268.32	192.97	PHASE
244	28.1Ø	19.2Ø	621	7.Ø2	3.18	2.45	1.33	2.Ø5	3.51	.61	1.Ø4	AMP
				172.74	327.79	291.Ø9	9Ø.7Ø	262.61	25Ø.68	332.2Ø	156.85	PHASE
245	28.99	27.99	622	6.27	2.73	2.75	2.45	2.92	1Ø.85	.68	1.26	AMP
				192.66	33Ø.54	322.56	96.51	251.Ø7	264.5Ø	332.31	146.Ø5	PHASE
246	21.98	3Ø.34	622	5.53	2.3Ø	2.77	3.11	4.58	13.19	1.9Ø	1.6Ø	AMP
				199.36	324.37	321.28	78.19	241.28	27Ø.87	2.28	1Ø9.21	PHASE
247	22.76	31.97	622	4.55	2.87	3.89	3.67	4.88	13.46	1.17	2.1Ø	AMP
				218.35	334.48	33Ø.34	83.76	271.3Ø	3Ø8.41	39.86	131.56	PHASE
248	23.51	32.13	622	4.33	2.13	3.96	4.1Ø	5.41	13.53	.Ø9	2.11	AMP
				245.Ø1	34Ø.28	324.2Ø	67.31	291.63	315.33	256.71	119.99	PHASE
249	23.47	43.34	622	5.1Ø	2.68	4.88	4.88	6.16	13.12	4.11	2.61	AMP
				291.Ø6	352.83	326.3Ø	54.85	34Ø.39	33Ø.51	25Ø.85	118.65	PHASE
25Ø	23.Ø3	5Ø.91	622	8.11	3.94	6.3Ø	5.66	7.Ø6	11.18	6.12	2.78	AMP
				315.12	346.46	311.5Ø	33.2Ø	343.Ø1	318.72	236.Ø2	117.82	PHASE

TABLE VII.- Continued

(c) Continued

TORSION 75 PERCENT RADIUS												
RUN NO		1#										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	-1.75	4.89	623	3.50	.87	.04	.47	.50	.09	.29	.10	AMP
				337.84	120.14	51.56	207.82	316.21	113.27	20.10	244.02	PHASE
214	-1.98	5.23	622	3.76	.74	.07	.45	.47	.37	.30	.25	AMP
				342.71	134.57	102.29	275.62	310.10	107.00	5.37	266.21	PHASE
215	-3.40	5.95	622	4.31	.77	.19	.50	.40	.07	.26	.10	AMP
				350.40	145.72	147.60	263.83	299.35	83.49	18.30	283.85	PHASE
216	-4.89	6.61	623	4.91	.87	.31	.62	.58	.10	.26	.12	AMP
				353.42	144.06	163.59	236.14	286.85	43.59	359.67	242.33	PHASE
217	-6.28	7.35	622	5.40	.97	.47	.73	.62	.22	.19	.09	AMP
				359.63	153.97	170.06	241.17	301.20	46.10	355.39	262.75	PHASE
218	-7.74	7.91	622	6.10	1.00	.64	.78	.63	.27	.29	.06	AMP
				4.10	159.00	167.25	238.57	309.45	21.92	351.01	17.54	PHASE
219	-8.36	8.11	624	6.59	1.02	.53	.77	.71	.36	.45	.03	AMP
				1.35	159.29	156.53	231.00	296.35	340.50	326.82	37.11	PHASE
220	-9.06	8.71	621	7.09	.86	.36	.71	.77	.45	.49	.07	AMP
				.86	167.15	141.39	241.73	300.62	339.82	319.16	267.87	PHASE
221	.42	3.84	622	2.82	.59	.00	.43	.46	.03	.10	.04	AMP
				325.31	113.24	123.97	262.44	206.90	55.73	9.76	100.63	PHASE
222	-1.12	4.14	621	3.12	.57	.09	.39	.39	.05	.13	.01	AMP
				341.93	135.04	140.66	270.22	299.07	90.45	16.93	96.72	PHASE
223	-2.44	4.80	622	3.47	.52	.16	.46	.45	.04	.12	.02	AMP
				349.04	150.01	148.21	260.20	290.24	59.30	20.59	37.90	PHASE
224	-1.04	5.36	622	4.06	.59	.31	.50	.56	.30	.08	.03	AMP
				356.74	157.00	165.11	245.90	293.15	42.49	40.75	337.11	PHASE
225	-5.34	5.96	623	4.51	.60	.15	.69	.61	.15	.04	.02	AMP
				355.26	161.82	153.72	210.00	266.01	2.26	65.82	311.91	PHASE
226	-6.84	7.16	621	5.31	.94	.71	.81	.64	.24	.10	.05	AMP
				3.59	162.47	169.23	235.50	295.46	37.16	165.06	18.37	PHASE
227	-7.67	7.67	621	5.76	1.06	.03	.06	.65	.33	.12	.01	AMP
				4.67	157.06	164.60	227.24	293.53	26.23	142.99	33.66	PHASE
228	-8.22	7.93	615	6.06	1.10	.91	.84	.55	.33	.08	.06	AMP
				3.16	153.63	157.01	214.65	206.20	7.06	174.01	50.35	PHASE
236	1.29	5.10	622	3.38	1.27	.24	.64	.76	.05	.30	.22	AMP
				320.19	111.01	5.94	200.54	305.64	219.00	30.20	267.65	PHASE
237	-.88	5.22	622	3.54	1.10	.20	.59	.74	.05	.40	.26	AMP
				331.84	120.48	12.06	301.16	317.36	316.85	40.04	306.85	PHASE
238	-1.67	5.42	623	3.96	1.00	.26	.54	.70	.05	.31	.30	AMP
				342.14	126.92	9.10	301.04	319.11	327.06	41.60	333.20	PHASE
239	-3.22	5.03	623	4.42	.97	.19	.57	.66	.14	.34	.37	AMP
				345.95	127.99	345.05	276.46	295.11	294.42	22.25	313.32	PHASE
240	-4.62	6.40	621	4.95	.97	.10	.61	.60	.19	.33	.37	AMP
				353.65	141.70	312.10	269.45	290.15	300.63	17.81	333.57	PHASE
241	-6.10	6.84	622	5.54	.95	.23	.76	.72	.34	.41	.44	AMP
				357.82	155.25	251.41	253.44	276.72	284.90	357.60	329.30	PHASE
242	-7.56	8.03	622	6.42	.98	.36	.86	.67	.63	.63	.35	AMP
				2.13	176.74	253.60	255.15	270.05	302.65	11.90	.53	PHASE
243	-9.17	10.15	622	7.81	.84	.33	1.40	1.51	1.11	.69	.31	AMP
				353.25	106.57	256.66	231.89	239.30	264.10	320.51	304.60	PHASE
244	2.27	5.53	621	3.55	1.07	.29	.51	.75	.09	.31	.32	AMP
				320.30	110.07	356.69	301.61	320.11	271.97	41.05	301.25	PHASE
245	-.00	5.60	622	3.89	1.42	.39	.52	.67	.17	.31	.35	AMP
				335.62	124.34	331.30	315.05	331.14	303.05	60.07	326.22	PHASE
246	-1.45	5.65	622	4.19	1.20	.42	.52	.66	.19	.22	.20	AMP
				337.30	119.31	300.85	295.13	304.45	277.15	21.70	304.86	PHASE
247	-2.92	5.09	622	4.55	1.14	.39	.50	.59	.27	.20	.30	AMP
				344.55	129.00	300.39	291.20	301.61	277.03	14.27	326.35	PHASE
248	-4.24	6.18	622	5.01	1.06	.39	.54	.66	.34	.20	.39	AMP
				347.10	140.16	292.77	277.37	289.82	279.74	5.87	332.16	PHASE
249	-5.67	7.00	622	5.62	1.00	.36	.56	.69	.43	.24	.33	AMP
				353.75	151.91	284.39	259.43	270.55	202.75	18.34	318.79	PHASE
250	-7.09	8.32	622	6.55	.99	.37	.59	.70	.44	.45	.26	AMP
				354.67	162.56	310.33	251.35	265.19	314.97	50.72	332.20	PHASE

TABLE VII.- Continued

(c) Concluded

PITCH LINK												
PT NO	RUN NO		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
213	-1.58	8.66	623	5.38	.24	.82	1.14	1.17	.13	.98	.88	AMP
				188.82	274.75	153.96	68.36	147.36	165.66	49.11	166.55	PHASE
214	.75	9.46	622	6.11	.14	.76	1.21	1.22	.28	.89	.22	AMP
				185.35	232.17	147.93	63.48	144.39	128.81	31.79	57.55	PHASE
215	2.21	11.88	622	7.81	.24	.76	1.33	1.23	.11	1.13	.88	AMP
				189.36	219.93	126.99	61.53	148.55	88.85	38.57	24.81	PHASE
216	3.81	12.92	623	8.68	.49	.83	1.55	1.29	.31	1.13	.88	AMP
				188.84	245.81	82.32	53.57	127.76	67.39	16.73	383.53	PHASE
217	5.56	14.59	622	18.44	.75	1.33	1.68	1.65	.28	.96	.85	AMP
				193.56	266.68	58.88	64.97	138.71	97.16	27.96	328.41	PHASE
218	7.68	18.98	622	13.18	1.42	2.28	2.88	2.12	.58	.76	.23	AMP
				196.71	274.14	45.96	69.98	148.12	133.43	23.96	39.49	PHASE
219	8.72	21.53	624	14.85	1.76	2.77	2.27	2.52	.83	.73	.23	AMP
				193.86	261.87	36.48	63.79	125.38	122.73	3.92	25.26	PHASE
220	18.89	24.48	621	16.99	2.25	3.57	2.41	2.41	.92	.76	.24	AMP
				192.38	261.81	41.71	71.96	122.34	188.55	14.26	56.89	PHASE
221	-1.72	5.51	622	3.74	.87	.98	.84	1.22	.86	.48	.88	AMP
				177.38	82.49	132.55	54.18	122.62	68.86	16.12	112.64	PHASE
222	.65	6.87	621	4.54	.23	.98	.98	1.19	.19	.68	.16	AMP
				182.49	127.19	168.82	59.86	131.82	118.76	37.32	95.66	PHASE
223	2.88	8.39	622	5.51	.41	.95	.94	1.48	.24	.64	.28	AMP
				187.16	136.91	152.28	63.79	124.85	97.42	48.66	77.64	PHASE
224	3.48	9.65	622	6.73	.51	.76	1.28	1.58	.31	.69	.21	AMP
				192.81	129.85	136.78	65.83	124.38	69.54	37.88	76.84	PHASE
225	4.76	18.69	623	7.88	.49	.81	1.35	1.69	.34	.58	.24	AMP
				198.98	119.78	96.84	39.88	96.31	22.48	.87	41.74	PHASE
226	6.38	13.88	621	9.17	.25	1.81	1.74	1.92	.32	.57	.42	AMP
				199.58	148.78	61.83	68.77	132.29	39.86	359.69	62.78	PHASE
227	7.26	14.95	621	18.48	.28	1.52	1.91	2.88	.28	.68	.39	AMP
				198.92	216.89	48.91	62.61	138.14	356.61	339.93	48.61	PHASE
228	8.81	17.83	615	11.82	.58	2.21	2.16	2.19	.18	.42	.41	AMP
				196.89	242.82	25.48	54.98	115.23	281.89	328.18	51.11	PHASE
236	-3.92	8.84	622	5.87	.89	.59	1.16	1.32	.24	.98	.27	AMP
				169.39	294.63	177.81	84.82	126.55	189.58	52.24	285.23	PHASE
237	-2.54	9.55	622	6.29	.77	.77	1.11	1.35	.36	1.16	.38	AMP
				176.84	289.81	187.15	98.47	132.85	115.86	64.94	349.35	PHASE
238	-.94	11.87	623	6.86	.82	.69	1.13	1.44	.34	1.87	.65	AMP
				183.54	278.88	191.21	89.38	141.38	95.89	64.26	19.92	PHASE
239	.75	12.17	623	8.85	.97	.56	1.17	1.63	.56	1.29	.72	AMP
				182.18	264.44	165.84	79.88	118.66	72.45	54.63	351.81	PHASE
240	2.57	14.88	621	9.47	1.27	.43	1.52	1.91	.76	1.18	.78	AMP
				189.38	278.48	128.21	79.48	121.75	118.81	71.69	.96	PHASE
241	4.88	17.42	622	11.98	1.72	.99	1.74	2.58	.81	1.26	.98	AMP
				198.92	276.83	78.29	72.71	186.46	119.39	65.22	346.88	PHASE
242	7.37	22.19	622	15.33	2.82	2.87	2.19	3.36	.98	1.36	.87	AMP
				194.62	285.77	83.58	84.88	116.65	143.31	85.54	6.88	PHASE
243	11.15	38.79	622	21.81	1.67	4.82	2.24	4.48	2.23	2.57	.37	AMP
				187.67	283.88	77.26	77.63	75.11	84.75	71.98	22.88	PHASE
244	-5.47	8.68	621	6.82	1.13	.28	.79	1.48	.54	.91	.59	AMP
				178.12	294.78	255.69	95.48	145.88	138.24	74.98	348.95	PHASE
245	-3.21	18.27	622	7.17	.97	.21	.65	1.17	.54	1.18	.64	AMP
				188.16	388.84	297.17	111.19	141.88	143.84	86.22	15.18	PHASE
246	-1.57	11.78	622	8.15	1.17	.28	.58	1.31	.56	1.25	.59	AMP
				179.18	293.29	314.26	91.65	111.88	185.78	56.86	355.81	PHASE
247	.48	13.84	622	9.63	1.42	.24	.46	1.71	.88	1.25	.72	AMP
				184.88	291.45	337.56	81.82	184.88	114.49	74.98	2.29	PHASE
248	2.38	15.75	622	18.92	1.68	.41	.98	2.13	.85	1.35	.83	AMP
				186.66	288.68	24.83	69.24	185.18	117.79	62.94	.65	PHASE
249	5.12	28.52	622	14.11	2.15	.76	1.21	2.98	.88	1.52	1.18	AMP
				188.12	287.11	54.26	76.15	111.35	135.92	73.27	338.56	PHASE
250	8.33	25.86	622	18.28	2.88	.84	1.54	3.29	1.49	1.69	1.48	AMP
				188.14	282.75	85.95	95.81	112.56	142.72	68.26	324.29	PHASE

TABLE VII.- Continued.

(d) $\mu = 0.30$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
279	-1.5	4.3	.1	.03555	.00093	.00134
280	-1.6	5.5	2.1	.04728	.00072	.00159
281	-1.9	6.3	4.1	.05886	.00052	.00189
282	-2.3	7.4	6.0	.06964	.00008	.00244
283	-2.5	8.3	8.0	.08031	-.00016	.00304
284	-2.8	9.5	9.9	.08985	-.00084	.00386
285	-3.4	10.7	11.9	.09759	-.00183	.00495
286	-3.8	12.1	13.9	.10400	-.00291	.00669
287	-1.2	4.8	2.1	.02774	-.00156	.00205
288	-1.6	5.6	4.1	.04059	-.00282	.00255
289	-1.7	6.8	6.1	.05100	-.00405	.00313
290	-2.2	7.5	8.0	.06236	-.00523	.00378
291	-2.5	8.7	10.1	.07406	-.00676	.00466
292	-3.0	9.7	12.0	.08424	-.00825	.00562
293	-3.4	10.7	14.0	.09376	-.00977	.00677
294	-3.9	11.4	15.0	.09715	-.01085	.00752
295	-1.3	5.8	6.1	.03457	-.00543	.00325
296	-1.8	6.8	8.0	.04463	-.00736	.00407
297	-2.1	7.4	9.9	.05722	-.00957	.00498
299	-2.5	8.6	12.0	.06757	-.01184	.00603
300	-2.8	8.9	13.0	.07355	-.01299	.00657
301	-2.9	9.6	14.1	.07986	-.01420	.00727

TABLE VII.- Continued

(d) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	47.67	13.78	653	4.98	3.62	1.25	.59	5.53	2.15	2.31	.58 AMP
280	48.83	14.38	654	143.54	315.17	9.35	357.69	58.66	331.61	246.27	56.57 PHASE
281	50.86	13.78	653	5.36	3.99	1.96	.56	5.68	1.96	2.24	.24 AMP
282	51.16	14.33	653	139.14	389.59	1.22	351.96	29.67	389.92	217.27	51.91 PHASE
283	52.12	14.64	652	5.67	4.49	2.48	.52	5.68	1.72	2.11	.41 AMP
284	53.89	15.83	653	141.83	328.18	24.38	16.85	55.45	336.31	249.88	169.31 PHASE
285	53.74	18.64	653	5.96	4.87	2.88	.49	5.19	1.54	2.29	.63 AMP
286	54.81	21.66	653	136.76	319.12	24.16	16.42	51.76	322.13	245.89	183.97 PHASE
287	47.53	13.63	653	6.33	5.17	3.52	.62	4.73	1.47	2.37	.84 AMP
288	48.88	14.41	652	126.91	313.38	13.73	24.88	31.98	292.64	214.89	158.61 PHASE
289	50.24	14.61	653	6.51	5.47	3.55	.78	3.37	1.48	2.92	1.59 AMP
290	51.49	14.57	654	122.56	322.93	27.21	19.58	44.12	282.54	238.66	178.97 PHASE
291	52.83	15.28	653	6.75	6.13	2.76	.78	1.98	1.65	3.29	1.68 AMP
292	53.99	14.78	653	185.81	317.84	11.38	298.48	358.47	235.13	193.18	144.12 PHASE
293	55.89	15.68	654	7.57	7.83	1.77	1.81	2.24	1.86	3.83	1.61 AMP
294	55.61	16.48	652	85.81	319.61	315.96	268.27	382.11	244.17	187.56	171.89 PHASE
295	49.17	11.75	653	4.46	3.28	1.89	.87	4.88	1.65	2.82	1.15 AMP
296	58.52	13.28	653	141.37	315.86	358.72	327.57	51.88	317.85	212.15	13.83 PHASE
297	51.96	14.22	653	4.61	3.64	2.63	1.22	4.74	1.55	2.12	.99 AMP
298	53.38	15.15	653	143.25	323.66	7.84	316.95	63.94	323.88	227.38	38.11 PHASE
299	54.14	15.28	652	5.85	4.83	3.11	1.43	4.66	1.44	2.88	.79 AMP
300	55.88	15.61	652	136.98	315.87	356.71	292.68	43.43	287.57	187.95	349.92 PHASE
301	55.88	15.61	652	5.19	4.27	3.29	1.58	4.68	1.45	2.88	.76 AMP
				136.98	313.87	356.25	282.88	33.67	281.63	178.87	328.52 PHASE
				5.67	4.48	3.57	1.56	5.86	1.28	2.58	.66 AMP
				131.88	327.76	28.71	384.65	74.87	311.71	228.78	27.25 PHASE
				6.82	4.39	3.59	1.68	5.36	1.82	2.76	.59 AMP
				118.68	325.28	11.86	288.89	62.67	275.73	193.98	13.23 PHASE
				6.47	4.54	3.25	1.95	5.77	1.86	3.84	.38 AMP
				185.87	331.28	11.84	267.36	78.53	245.96	186.88	29.14 PHASE
				6.95	4.75	2.93	2.35	6.24	1.18	3.87	.66 AMP
				94.98	329.17	1.16	248.99	69.87	211.34	164.68	18.92 PHASE
				4.22	2.89	2.76	.98	4.24	1.88	1.87	.63 AMP
				148.91	321.97	355.73	338.87	33.73	386.44	199.48	345.79 PHASE
				4.66	3.32	3.28	1.19	4.58	1.18	1.19	.72 AMP
				133.42	323.81	356.14	328.36	28.96	381.58	185.82	321.99 PHASE
				5.81	3.81	3.64	1.56	5.12	1.87	1.85	.58 AMP
				132.25	338.97	6.46	323.91	37.68	315.49	197.16	344.34 PHASE
				5.88	4.84	4.88	2.88	5.42	3.97	1.19	.76 AMP
				124.61	332.98	2.98	319.79	33.63	383.87	181.39	316.88 PHASE
				5.82	4.28	3.94	2.14	5.67	.87	1.31	.68 AMP
				119.18	332.43	359.53	312.99	32.33	297.37	178.88	312.68 PHASE
				3.21	4.35	3.85	2.42	5.73	.64	1.39	.73 AMP
				114.39	336.43	.91	389.98	41.38	295.37	164.47	311.76 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	57.27	39.26	653	18.94	4.42	6.67	3.69	6.94	5.88	1.27	.38 AMP
280	56.53	49.88	654	273.25	185.75	253.88	58.88	362.81	198.44	317.25	41.82 PHASE
281	55.58	53.79	653	26.79	7.37	5.76	4.67	6.89	7.33	1.55	.28 AMP
282	53.31	63.93	653	289.48	182.33	248.18	28.43	388.76	194.31	281.39	17.19 PHASE
283	51.11	88.89	652	95.21	18.83	15.15	8.39	18.23	7.18	2.11	.44 AMP
284	49.53	97.77	653	389.68	119.88	233.94	32.48	316.38	238.94	333.75	54.44 PHASE
285	49.29	116.82	653	44.82	13.18	18.93	8.26	18.48	9.82	2.65	.71 AMP
286	51.17	145.86	653	321.87	123.53	231.98	35.44	318.93	245.89	326.38	38.35 PHASE
287	56.12	26.21	653	55.01	16.79	16.95	9.78	12.42	18.65	3.52	1.82 AMP
288	55.79	35.29	652	328.81	123.28	227.78	28.28	296.68	253.61	285.51	348.28 PHASE
289	56.11	52.56	653	69.28	17.64	28.23	11.83	12.75	18.94	4.89	.88 AMP
290	57.48	33.89	653	348.11	137.31	248.23	37.16	321.55	298.75	299.21	21.59 PHASE
291	55.18	84.88	653	81.88	18.87	23.78	18.86	12.94	12.12	6.82	1.19 AMP
292	54.38	183.31	653	344.25	136.57	241.64	14.87	294.27	284.16	268.85	352.87 PHASE
293	54.41	128.34	654	99.88	22.84	27.92	12.99	6.77	8.67	5.76	.68 AMP
294	54.62	126.21	652	356.18	158.12	261.39	7.46	328.64	389.88	259.49	58.27 PHASE
295	57.48	33.89	653	12.16	2.92	5.88	4.78	5.11	2.38	1.48	.49 AMP
296	58.32	47.98	653	277.65	114.58	241.31	43.85	341.26	198.84	298.54	44.37 PHASE
297	59.58	72.81	653	19.56	6.78	5.88	4.86	7.37	3.16	1.36	.38 AMP
298	58.33	98.16	653	388.64	128.76	234.86	34.95	382.82	234.37	317.48	87.87 PHASE
299	59.78	181.33	652	388.28	9.82	9.28	7.87	9.73	2.76	1.42	.48 AMP
300	59.78	181.33	652	315.63	116.92	283.71	5.11	293.24	193.25	281.59	44.38 PHASE
301	59.93	115.63	652	39.73	11.74	13.73	8.44	8.66	4.37	1.96	.58 AMP
				326.31	128.23	287.31	.81	294.18	185.89	254.78	27.27 PHASE
				53.85	14.56	19.78	18.74	8.91	6.63	2.52	.98 AMP
				341.53	139.48	238.55	39.18	316.44	263.49	315.86	93.46 PHASE
				66.75	15.26	25.85	11.82	18.69	8.75	2.61	.97 AMP
				343.57	134.62	235.84	28.87	295.85	269.71	297.58	49.67 PHASE
				84.49	15.79	29.37	9.27	18.95	7.68	2.57	1.86 AMP
				349.37	139.72	239.78	18.92	286.99	297.84	383.79	45.87 PHASE
				92.53	16.83	31.78	9.41	11.54	6.84	2.88	1.88 AMP
				349.72	139.39	235.85	355.36	267.55	383.88	294.11	53.69 PHASE
				16.22	5.82	5.53	6.16	5.54	2.77	.66	.88 AMP
				313.81	137.98	218.37	31.35	288.56	247.35	318.65	77.75 PHASE
				26.23	6.87	11.37	8.78	4.42	3.41	1.72	.37 AMP
				329.99	133.65	284.37	17.74	285.57	228.22	289.92	41.28 PHASE
				37.62	7.98	16.58	11.55	18.85	5.74	1.44	.67 AMP
				345.57	141.73	224.77	28.29	287.98	254.41	298.89	63.56 PHASE
				52.64	9.64	22.92	14.87	5.68	7.24	1.85	.88 AMP
				349.87	141.25	228.91	23.88	261.93	252.87	386.88	45.84 PHASE
				59.03	18.11	25.72	14.45	5.84	7.74	2.14	1.83 AMP
				358.81	141.32	229.51	13.39	244.82	253.51	388.79	39.86 PHASE
				72.19	11.35	29.39	14.98	7.78	8.16	2.51	1.26 AMP
				364.86	143.83	237.17	7.67	237.12	264.48	329.28	47.23 PHASE

TABLE VII.- Continued

(d) Continued

TORSION 20 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	10.38	9.55	653	6.63	1.56	.79	1.54	1.37	.28	1.00	.30 AMP
				335.74	112.00	6.34	263.72	301.50	320.20	257.04	197.49 PHASE
280	9.24	9.90	654	7.12	1.42	.89	1.46	1.34	.24	1.07	.33 AMP
				338.31	95.00	358.94	246.17	274.30	286.20	225.67	168.65 PHASE
281	6.13	10.09	653	7.95	1.42	.74	1.58	1.32	.29	1.06	.47 AMP
				349.54	95.20	8.44	264.99	302.10	273.99	254.73	203.19 PHASE
282	3.73	12.26	653	9.31	1.63	.65	1.73	1.25	.46	1.22	.38 AMP
				354.41	88.17	337.10	267.39	288.34	278.99	248.70	207.08 PHASE
283	1.04	15.24	652	11.39	2.28	.61	1.98	1.66	.51	1.10	.45 AMP
				356.63	85.72	294.36	247.60	266.42	291.31	224.76	169.43 PHASE
284	-1.92	18.42	653	14.21	2.65	1.55	2.42	2.18	.68	1.54	.55 AMP
				4.28	103.54	270.24	265.00	278.66	315.69	250.11	196.22 PHASE
285	-5.33	23.53	653	17.89	2.94	3.11	3.03	2.95	.00	2.18	.38 AMP
				2.62	103.07	266.69	249.49	262.65	284.60	238.56	190.09 PHASE
286	-10.23	30.70	653	23.67	2.46	5.98	2.78	5.09	2.51	3.58	1.11 AMP
				4.67	136.11	274.65	243.22	259.01	275.36	261.44	303.36 PHASE
287	9.41	8.60	653	6.12	1.11	.79	1.69	1.13	.27	.79	.02 AMP
				333.49	91.57	324.17	243.31	300.30	47.35	240.42	23.19 PHASE
288	7.37	8.01	652	6.66	.86	.78	1.60	1.05	.31	.83	.04 AMP
				344.42	83.95	336.66	249.19	318.02	48.22	256.30	187.30 PHASE
289	5.29	9.75	653	7.51	.84	.65	1.70	1.00	.21	.87	.14 AMP
				346.25	59.54	315.53	229.54	298.00	18.00	217.32	195.57 PHASE
290	3.33	11.56	654	8.48	.96	.59	1.89	.98	.21	1.14	.15 AMP
				350.45	48.93	288.27	225.54	290.61	17.20	199.97	206.91 PHASE
291	.00	13.50	653	10.07	1.12	.96	2.10	1.06	.12	1.22	.18 AMP
				3.41	81.39	272.43	258.75	335.77	72.15	247.50	232.93 PHASE
292	-1.49	15.72	653	12.01	1.50	1.50	2.20	1.29	.26	1.24	.25 AMP
				4.67	95.84	250.24	249.24	319.07	1.06	222.24	192.53 PHASE
293	-4.36	20.40	654	15.10	2.51	2.02	2.60	2.10	.84	1.17	.27 AMP
				7.85	104.43	244.11	259.17	321.05	349.18	223.32	227.62 PHASE
294	-5.97	23.39	652	17.12	3.07	3.64	3.01	2.73	1.12	1.00	.10 AMP
				6.25	101.05	236.17	258.60	316.29	334.20	219.00	201.04 PHASE
295	6.34	7.43	653	6.00	.51	.79	1.36	.96	.14	.43	.03 AMP
				344.29	57.27	325.98	232.07	291.46	24.41	223.37	190.79 PHASE
296	4.46	8.44	653	6.75	.55	.73	1.46	1.05	.17	.66	.00 AMP
				349.20	35.98	318.36	231.28	274.27	2.10	214.35	297.70 PHASE
297	2.46	9.97	653	7.75	.64	.68	1.77	1.21	.05	.79	.07 AMP
				358.06	39.04	312.23	242.74	291.07	355.09	234.04	205.79 PHASE
299	.40	11.63	653	8.96	.72	.61	2.05	1.30	.05	.03	.16 AMP
				1.95	48.13	275.93	239.13	286.11	179.00	222.60	211.05 PHASE
300	-.70	12.01	652	9.63	.72	.76	2.20	1.40	.00	.01	.15 AMP
				3.26	55.66	257.22	237.12	206.54	110.07	215.12	206.33 PHASE
301	-1.93	14.29	652	10.71	.87	1.12	2.37	1.50	.22	.79	.17 AMP
				6.60	71.73	243.06	243.12	302.15	100.70	213.50	224.33 PHASE

TABLE VII.- Continued

(d) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO		11									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	32.45	14.19	653	8.48	4.22	1.98	.33	3.81	.45	.11	.29
				138.89	318.67	8.37	295.31	56.31	382.83	163.37	212.85
280	33.47	15.27	654	9.61	4.67	2.79	2.28	3.12	.38	.13	.14
				134.61	388.55	357.17	313.18	35.35	294.74	81.11	169.94
281	34.31	16.71	653	18.67	5.43	3.34	.12	3.87	.33	.13	.18
				139.79	314.38	16.83	38.18	64.32	215.14	134.94	269.17
282	35.89	17.52	653	11.58	5.98	3.88	.28	2.88	.27	.17	.22
				137.58	312.17	18.88	82.64	57.92	282.75	175.99	329.82
283	35.74	18.83	652	12.54	6.57	4.98	.48	2.63	.29	.23	.38
				131.91	384.21	9.81	52.42	34.75	244.29	217.97	387.73
284	36.58	19.66	653	13.33	7.28	5.38	.62	2.81	.45	.34	.53
				133.45	312.68	28.69	69.98	43.79	216.98	268.89	334.53
285	37.21	28.84	653	13.78	8.51	5.13	.33	1.46	.61	.42	.68
				127.21	387.13	21.88	44.68	358.85	186.31	241.73	297.34
286	37.76	21.32	653	13.38	18.94	3.58	.88	1.92	.59	.24	.34
				126.43	389.82	23.37	261.61	328.43	166.88	234.65	339.87
287	33.32	12.93	653	7.34	3.77	2.62	.54	2.74	.42	.18	.47
				134.28	319.83	3.19	318.67	51.84	271.54	191.55	172.19
288	34.57	14.76	652	8.34	4.39	3.58	.75	2.63	.37	.17	.42
				137.84	322.11	11.48	325.45	64.43	263.91	168.87	194.57
289	35.78	16.24	653	9.45	4.98	4.28	.98	2.52	.43	.14	.38
				133.96	388.81	359.43	299.86	44.67	226.96	169.38	157.56
290	36.69	16.73	654	18.38	5.31	4.63	.86	2.39	.43	.21	.24
				132.28	384.18	.86	287.52	34.15	218.41	172.21	139.97
291	37.69	18.83	653	11.36	5.83	5.38	.91	2.56	.54	.29	.25
				137.91	316.48	24.73	388.46	73.52	244.16	252.55	188.98
292	38.63	19.71	653	12.21	5.93	5.77	.93	2.71	.57	.42	.23
				132.87	389.65	17.85	284.89	62.26	215.36	249.64	186.57
293	39.47	28.35	654	12.74	6.25	5.68	.88	2.95	.74	.55	.24
				129.23	389.93	28.57	238.88	72.62	186.77	251.13	228.85
294	39.88	28.95	652	12.89	6.59	5.53	1.23	3.27	.89	.55	.28
				124.78	386.58	15.28	213.95	73.97	159.49	239.46	212.98
295	35.57	12.28	653	7.47	3.58	3.51	.79	2.36	.28	.14	.28
				136.41	323.55	2.23	338.32	29.27	268.22	224.88	168.94
296	36.68	13.22	653	8.56	4.28	4.34	.98	2.52	.35	.15	.32
				135.25	318.41	1.68	326.33	17.83	255.48	218.11	147.44
297	37.77	15.88	653	9.69	4.99	5.18	1.12	2.96	.35	.32	.27
				138.95	324.51	13.23	329.25	33.12	259.26	253.14	158.94
299	38.95	16.83	653	18.95	5.43	5.92	1.34	3.19	.48	.48	.32
				137.88	322.45	13.88	324.51	29.89	251.92	268.87	143.97
300	39.51	17.86	652	11.46	5.72	6.88	1.36	3.32	.39	.52	.25
				136.78	328.37	11.56	318.92	29.33	237.92	268.22	139.14
301	48.22	18.33	652	12.86	6.14	6.19	1.48	3.33	.37	.56	.23
				136.89	321.88	15.34	315.28	38.57	227.82	272.31	132.14

CHORDWISE 37 PERCENT RADIUS											
RUN NO		11									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	31.68	37.68	653	15.69	3.69	5.58	4.93	8.98	7.89	2.83	.89
				272.79	181.87	258.68	46.94	357.88	192.92	358.41	29.28
280	38.85	49.36	654	22.41	6.58	5.65	6.75	8.43	11.64	3.11	1.88
				286.85	97.27	258.29	15.56	313.89	192.12	293.49	43.87
281	28.84	54.55	653	29.29	9.51	6.82	9.52	11.83	18.86	4.47	1.46
				385.92	115.58	253.83	33.51	323.89	238.71	353.56	88.26
282	26.61	62.54	653	37.17	12.17	8.86	12.87	12.97	13.58	3.93	2.89
				317.32	121.58	253.96	38.69	324.68	244.82	349.78	57.88
283	23.33	74.66	652	46.58	14.99	14.24	14.87	16.59	16.89	4.12	2.82
				323.76	123.87	248.69	38.72	383.88	254.86	291.11	3.11
284	19.84	89.78	653	57.76	17.54	18.28	15.96	18.38	16.88	7.24	3.14
				335.54	137.52	267.82	41.12	338.78	294.81	298.56	22.83
285	17.99	183.86	653	68.15	28.69	21.86	15.98	18.74	18.88	18.69	4.84
				339.96	138.67	268.76	21.16	384.84	288.15	257.58	338.37
286	17.86	128.85	653	81.39	25.99	26.68	16.58	14.28	11.93	12.32	2.68
				351.69	158.58	272.28	13.88	327.76	325.35	255.65	349.69
287	28.98	25.82	653	18.29	2.28	4.82	6.25	6.49	3.32	2.19	.74
				278.87	112.26	252.83	35.38	351.73	191.85	321.76	85.44
288	28.62	33.63	652	16.45	5.26	4.45	7.21	7.93	5.35	3.15	1.47
				296.95	114.42	253.72	38.34	389.93	239.34	329.29	182.82
289	28.36	47.72	653	24.78	7.91	6.98	18.31	11.21	4.29	2.68	1.85
				389.74	112.15	223.45	6.92	298.78	192.73	298.97	44.94
290	27.29	61.61	654	32.16	9.88	18.73	12.48	18.88	7.28	2.86	2.25
				319.69	117.94	225.58	1.95	388.88	185.58	255.38	29.58
291	25.36	76.72	653	42.74	12.89	16.33	15.38	18.81	18.94	4.23	2.88
				335.88	139.79	256.67	39.35	323.37	262.18	298.78	86.31
292	23.37	91.68	653	53.86	14.42	21.53	16.27	12.91	13.95	5.53	2.78
				337.15	135.48	253.25	28.44	383.71	268.68	268.32	46.82
293	21.85	181.46	654	67.75	17.88	26.28	14.33	12.23	11.71	7.88	5.63
				343.38	148.76	255.98	22.78	295.83	237.78	267.19	19.78
294	21.88	186.81	652	73.95	18.74	28.97	14.12	12.39	18.35	6.52	2.56
				343.98	148.51	258.85	4.97	269.45	388.85	256.24	4.26
295	29.18	33.72	653	13.28	3.88	3.88	8.41	5.77	4.71	1.68	1.34
				389.34	137.18	232.37	29.88	298.64	249.68	336.89	66.13
296	29.36	44.72	653	28.81	5.49	7.98	11.88	5.48	5.84	1.13	1.86
				324.89	135.23	228.73	19.43	383.84	223.88	281.87	48.84
297	29.87	64.94	653	29.31	6.55	12.24	15.34	5.67	18.19	3.25	2.28
				337.73	144.36	239.63	38.89	311.27	252.52	268.66	69.72
299	29.24	82.88	653	48.46	8.87	17.75	18.78	5.41	12.53	4.57	2.33
				341.13	148.99	243.56	25.51	288.22	251.29	271.44	59.12
300	28.73	98.43	652	46.88	8.81	28.37	19.43	4.57	13.38	5.29	2.43
				342.68	139.99	244.13	17.14	269.41	252.88	273.18	45.64
301	27.63	181.73	652	55.12	18.47	23.93	28.35	5.77	13.75	5.91	2.66
				346.81	141.91	251.38	14.25	247.38	262.39	298.94	47.63

TABLE VII.- Continued

(d) Continued

TORSION 36 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	9.1#	9.35	653	6.88	1.66	.58	1.35	1.27	.14	.61	.28	AMP
				328.98	182.82	344.54	231.46	256.98	278.34	213.55	146.69	PHASE
280	7.86	9.84	654	7.36	1.52	.63	1.31	1.24	.12	.62	.19	AMP
				338.81	89.34	338.33	214.61	228.74	241.88	178.97	118.26	PHASE
281	4.91	18.38	653	8.16	1.48	.46	1.39	1.25	.15	.69	.26	AMP
				341.29	92.41	346.27	233.35	265.99	218.94	287.33	152.62	PHASE
282	2.68	11.58	653	9.49	1.73	.33	1.68	1.23	.23	.88	.28	AMP
				345.68	83.79	298.89	236.89	247.19	228.72	288.35	167.87	PHASE
283	.19	13.72	652	11.29	2.38	.39	1.89	1.48	.27	.75	.24	AMP
				346.96	75.51	224.48	216.74	227.33	241.28	183.29	115.67	PHASE
284	-2.57	16.75	653	13.75	2.61	1.38	2.34	1.87	.46	.99	.32	AMP
				354.17	89.46	225.14	233.26	248.82	267.23	285.97	146.38	PHASE
285	-5.65	21.82	653	16.98	2.79	2.58	3.88	2.38	.58	1.46	.29	AMP
				351.91	85.48	219.85	219.51	225.62	236.79	185.82	146.87	PHASE
286	-18.88	25.48	653	21.95	2.28	4.74	2.78	3.92	2.89	2.57	.77	AMP
				353.66	114.18	244.37	228.16	228.77	229.48	216.52	248.49	PHASE
287	8.14	8.46	653	6.58	1.19	.46	1.49	1.84	.27	.47	.81	AMP
				327.57	84.72	292.29	211.92	253.56	26.72	199.32	276.55	PHASE
288	6.23	8.79	652	7.86	.96	.41	1.38	.97	.28	.49	.82	AMP
				337.67	83.33	383.65	217.96	278.22	28.85	214.87	288.46	PHASE
289	4.19	9.88	653	7.91	.89	.33	1.51	1.83	.24	.56	.18	AMP
				338.59	64.86	264.95	198.29	249.37	4.77	175.65	168.19	PHASE
290	2.17	14.87	654	8.88	1.82	.42	1.63	.96	.26	.74	.14	AMP
				342.33	55.22	222.67	193.95	241.63	5.84	154.51	162.82	PHASE
291	-.19	13.88	653	18.48	1.32	.94	1.86	.83	.23	.88	.12	AMP
				354.59	83.91	222.55	226.22	287.52	64.63	282.42	188.76	PHASE
292	-2.64	15.32	653	12.16	1.75	1.98	1.98	1.23	.26	.83	.17	AMP
				355.58	98.75	287.58	217.41	272.49	12.73	179.33	139.51	PHASE
293	-5.38	19.68	654	14.92	2.78	2.62	2.48	1.93	.58	.77	.16	AMP
				358.33	92.45	286.98	228.73	288.15	324.18	183.78	173.44	PHASE
294	-6.77	22.45	652	16.71	3.18	3.28	2.78	2.51	.81	.76	.18	AMP
				356.61	88.17	281.32	228.48	275.57	382.91	188.68	221.15	PHASE
295	5.11	7.98	653	5.53	.58	.38	1.16	.87	.17	.28	.82	AMP
				337.98	63.25	285.93	281.28	243.47	13.71	189.18	243.24	PHASE
296	3.25	8.49	653	7.38	.56	.35	1.24	1.88	.17	.44	.88	AMP
				341.89	49.68	271.67	198.32	228.71	1.17	175.63	234.57	PHASE
297	1.27	9.88	653	8.26	.64	.36	1.58	1.15	.11	.52	.85	AMP
				349.74	57.28	249.87	288.84	248.89	37.99	188.51	288.45	PHASE
298	-.83	11.48	653	9.41	.71	.53	1.84	1.23	.13	.68	.86	AMP
				352.97	64.88	282.68	285.63	242.43	69.81	175.82	168.45	PHASE
300	-1.88	12.29	652	18.85	.77	.75	1.96	1.33	.17	.59	.86	AMP
				354.23	72.34	197.84	283.37	242.46	58.69	168.84	153.24	PHASE
301	-3.14	13.72	652	11.86	.98	1.18	2.11	1.38	.38	.68	.87	AMP
				357.45	81.25	194.27	289.25	258.58	53.12	167.67	179.49	PHASE

TABLE VII.- Continued

(d) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO		11										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	18.82	17.46	653	18.28	6.89	2.96	.68	1.16	1.26	2.31	.24	AMP
				127.93	312.88	359.38	326.49	217.78	133.85	61.89	236.75	PHASE
280	19.63	18.91	654	11.77	6.57	4.81	6.65	1.82	1.19	2.38	.14	AMP
				126.22	299.99	347.49	389.81	196.24	184.68	32.27	384.79	PHASE
281	28.25	28.16	653	13.27	7.61	4.74	.66	.94	1.89	2.27	.52	AMP
				132.96	385.76	6.83	336.28	215.98	125.84	65.45	4.39	PHASE
282	28.91	22.86	653	14.73	8.41	5.48	.74	.73	1.17	2.43	.88	AMP
				132.54	381.56	6.53	336.65	212.86	113.82	59.58	4.49	PHASE
283	21.46	24.56	652	16.32	9.18	6.58	.96	2.49	1.23	1.23	1.18	AMP
				128.15	293.15	357.96	338.68	183.88	87.93	31.94	329.52	PHASE
284	22.13	27.18	653	17.82	18.87	6.98	1.13	.19	1.25	3.13	1.89	AMP
				131.41	388.42	16.76	17.93	151.12	92.86	48.89	351.57	PHASE
285	22.62	38.15	653	18.92	11.76	6.81	1.38	.38	1.32	3.54	2.84	AMP
				127.84	293.81	9.49	26.74	74.89	45.73	15.34	325.81	PHASE
286	22.66	31.11	653	18.72	14.94	5.62	.88	.64	1.67	3.86	2.23	AMP
				128.97	298.83	17.86	47.36	21.31	51.64	11.73	342.75	PHASE
287	28.28	16.51	653	9.63	5.32	3.53	.98	1.16	.71	1.91	.95	AMP
				123.85	388.87	357.63	388.82	232.38	135.26	22.78	288.74	PHASE
288	21.89	18.12	652	18.94	6.19	4.85	.99	1.89	.74	1.97	.81	AMP
				128.95	389.24	4.15	322.51	247.76	138.71	48.86	218.54	PHASE
289	22.89	28.52	653	12.47	7.11	5.93	1.81	1.15	.61	2.83	.56	AMP
				126.28	295.27	351.21	386.79	225.87	183.18	358.96	176.86	PHASE
290	22.86	22.25	654	13.92	7.78	6.53	1.88	1.86	.64	2.28	.66	AMP
				126.23	289.82	358.36	384.41	223.73	93.78	358.53	148.68	PHASE
291	23.73	25.62	653	15.47	8.88	7.68	1.84	1.18	.68	2.52	.38	AMP
				133.77	388.33	14.73	331.51	267.84	138.56	35.75	282.88	PHASE
292	24.48	27.63	653	16.92	9.27	8.74	.83	.58	2.67	2.67	.25	AMP
				138.56	292.67	7.22	324.28	254.64	98.93	9.24	194.41	PHASE
293	25.12	29.45	654	18.88	9.89	8.31	.66	1.27	.46	2.89	.14	AMP
				129.42	298.22	8.62	329.66	248.57	79.34	2.88	276.38	PHASE
294	25.49	38.68	652	18.39	18.36	8.27	.33	1.39	.42	2.88	.43	AMP
				126.57	285.78	3.22	321.47	238.81	46.98	342.81	225.23	PHASE
295	22.93	15.19	653	9.97	4.94	4.73	.87	.92	.58	.74	.46	AMP
				128.67	387.97	354.77	318.87	229.28	129.13	7.14	165.12	PHASE
296	23.79	17.31	653	11.36	5.81	5.78	.94	.57	.51	1.18	.56	AMP
				129.85	382.17	354.38	298.84	223.26	119.84	358.83	138.32	PHASE
297	24.57	28.86	653	12.88	6.93	6.94	.58	1.87	.45	1.86	.48	AMP
				133.75	387.64	6.34	319.86	245.84	133.81	8.89	166.83	PHASE
299	25.51	22.82	653	14.53	7.69	8.13	.51	1.87	.39	1.16	.55	AMP
				134.21	384.43	6.77	323.75	243.82	126.43	349.94	129.77	PHASE
300	25.97	24.15	652	15.31	8.88	8.56	.49	1.18	.38	1.23	.52	AMP
				134.89	381.92	5.37	328.58	242.66	125.51	339.14	124.77	PHASE
301	26.53	25.98	652	16.32	8.69	8.98	.45	1.11	.21	1.39	.61	AMP
				135.62	381.66	9.29	341.21	258.15	134.87	332.76	118.93	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO		11										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	33.16	42.36	653	15.48	3.52	5.19	5.85	18.33	9.28	3.88	.43	AMP
				274.84	186.29	264.54	49.37	359.18	194.36	13.64	57.56	PHASE
280	32.48	52.26	654	21.23	6.81	5.38	8.81	9.47	15.12	4.84	1.73	AMP
				284.95	98.45	258.57	18.88	317.82	194.78	383.37	53.99	PHASE
281	31.14	57.33	653	27.32	8.73	6.36	11.17	12.78	13.77	6.86	2.81	AMP
				381.98	114.47	264.94	36.53	326.52	233.98	3.78	94.48	PHASE
282	28.92	66.74	653	34.56	11.41	9.18	14.14	14.28	17.87	3.85	2.98	AMP
				312.37	117.59	265.38	48.92	327.52	247.26	3.34	75.46	PHASE
283	25.68	76.38	652	43.29	14.25	13.21	16.68	18.98	28.82	4.29	3.39	AMP
				317.91	116.51	268.53	31.46	388.58	257.99	388.57	21.53	PHASE
284	21.73	89.76	653	53.88	16.98	17.29	19.28	21.47	19.83	7.64	3.93	AMP
				329.63	138.35	278.19	41.15	337.73	297.38	293.44	38.83	PHASE
285	18.63	181.85	653	63.34	21.83	21.63	28.42	21.37	22.54	12.42	5.84	AMP
				334.63	133.55	278.86	28.71	313.31	293.82	258.97	348.22	PHASE
286	16.32	114.86	653	74.89	28.18	28.57	21.12	17.98	15.86	15.83	5.11	AMP
				348.17	157.26	283.58	16.74	336.21	338.87	258.23	349.89	PHASE
287	29.18	29.81	653	18.66	2.27	3.82	7.68	7.41	4.53	3.14	1.29	AMP
				288.78	118.28	264.65	36.36	351.68	195.45	338.47	86.29	PHASE
288	28.63	38.66	652	16.35	4.67	4.25	9.12	8.87	7.29	4.24	2.12	AMP
				295.69	116.81	272.56	32.95	311.28	241.77	339.27	112.81	PHASE
289	28.47	51.78	653	23.48	6.99	6.11	12.65	12.31	5.48	3.22	2.73	AMP
				384.74	118.71	243.85	18.88	299.61	197.46	386.88	54.67	PHASE
290	27.86	63.35	654	29.93	8.86	9.68	14.96	12.83	9.26	3.64	3.75	AMP
				312.98	114.48	241.61	4.37	382.93	187.54	258.89	43.91	PHASE
291	26.23	75.48	653	39.25	11.74	14.92	18.17	12.17	14.43	5.37	4.84	AMP
				328.82	136.21	271.88	39.91	326.58	263.81	388.65	181.83	PHASE
292	23.82	88.88	653	49.11	13.52	19.96	19.62	14.85	17.99	7.29	3.55	AMP
				338.13	131.38	265.97	27.55	387.18	268.89	269.19	62.88	PHASE
293	21.46	93.84	654	61.36	17.16	25.37	18.42	12.22	15.88	9.77	3.85	AMP
				337.88	138.75	265.92	21.68	296.83	294.68	268.65	22.18	PHASE
294	28.31	185.95	652	66.84	19.86	28.86	18.36	12.72	13.68	9.84	3.32	AMP
				338.78	136.61	259.98	6.39	263.73	388.79	268.41	.56	PHASE
295	28.31	38.62	653	13.25	3.48	3.59	18.39	6.29	6.38	2.27	1.99	AMP
				386.82	142.82	257.88	38.78	291.58	251.58	344.66	75.25	PHASE
296	27.86	47.13	653	19.76	4.96	6.89	14.31	5.75	7.64	1.46	2.98	AMP
				318.38	135.89	248.59	21.75	384.47	225.84	277.19	54.83	PHASE
297	28.19	63.24	653	26.93	6.86	18.88	18.14	6.34	13.65	4.82	3.31	AMP
				338.41	142.36	258.52	32.76	317.29	253.93	268.28	83.77	PHASE
299	27.82	88.81	653	35.53	7.33	16.72	22.28	5.66	16.72	6.75	3.32	AMP
				333.84	148.28	268.32	27.53	296.18	252.68	278.21	74.91	PHASE
300	27.38	86.88	652	41.18	7.79	18.22	23.24	4.31	17.78	7.55	3.39	AMP
				335.19	138.44	259.44	19.74	277.78	253.17	278.71	58.85	PHASE
301	25.95	95.98	652	48.83	9.13	21.82	24.88	5.25	18.11	8.49	3.62	AMP
				339.48	139.36	265.17	17.87	247.88	263.69	288.23	58.29	PHASE

TABLE VII.- Continued

(d) Continued

TORSION 5% PERCENT RADIUS												
RUN NO 11												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	5.86	7.03	653	5.73	1.33	.56	1.84	1.12	.81	.39	.25	AMP
				338.11	128.85	357.16	258.35	287.52	113.39	271.61	281.25	PHASE
280	3.29	8.86	654	6.88	1.10	.63	.95	1.89	.82	.48	.28	AMP
				339.97	112.63	349.53	242.41	268.94	169.44	235.35	169.47	PHASE
281	1.46	0.20	653	6.64	1.82	.55	1.81	1.18	.14	.44	.23	AMP
				358.21	119.92	2.72	257.59	285.91	227.29	266.58	289.85	PHASE
282	-4.41	0.92	653	7.48	.88	.43	1.28	1.89	.16	.58	.28	AMP
				353.64	187.96	351.38	256.58	279.28	251.39	255.55	231.99	PHASE
283	-2.43	18.55	652	8.58	1.11	.18	1.52	1.25	.17	.49	.21	AMP
				353.95	85.89	353.15	238.15	261.58	262.32	242.15	171.46	PHASE
284	-4.74	12.74	653	18.89	1.24	.66	2.12	1.46	.35	.68	.32	AMP
				359.43	88.49	221.26	256.88	276.87	298.56	266.76	198.38	PHASE
285	-7.21	15.58	653	12.16	1.35	1.65	2.75	1.76	.65	.84	.33	AMP
				365.61	72.78	228.46	244.48	256.19	272.85	239.77	194.28	PHASE
286	-18.87	19.51	653	16.18	1.81	3.87	2.99	2.96	2.18	1.75	.92	AMP
				354.78	68.78	244.17	253.12	249.66	272.63	264.65	279.67	PHASE
287	4.83	7.43	653	5.53	.98	.39	1.14	.99	.29	.33	.89	AMP
				336.92	185.62	322.82	239.38	283.83	72.89	257.78	145.93	PHASE
288	2.43	7.57	652	5.97	.75	.35	1.82	.98	.33	.35	.89	AMP
				346.63	111.73	332.56	244.29	388.99	77.95	276.84	155.11	PHASE
289	.72	8.44	653	6.63	.68	.24	1.11	.92	.27	.42	.18	AMP
				347.38	188.81	388.45	224.86	278.19	54.86	237.96	153.42	PHASE
290	-9.94	0.98	654	7.27	.58	.19	1.19	.86	.38	.58	.18	AMP
				358.79	89.48	268.14	217.73	269.77	45.72	287.52	196.77	PHASE
291	-2.83	18.21	653	8.17	.55	.41	1.46	1.84	.48	.58	.14	AMP
				2.18	182.98	231.86	247.58	315.97	97.49	253.47	286.22	PHASE
292	-4.68	11.99	653	9.27	.75	.84	1.72	1.26	.46	.62	.18	AMP
				2.11	181.51	285.63	238.38	387.94	72.81	229.29	162.46	PHASE
293	-6.84	15.18	654	11.81	1.24	1.58	2.23	1.87	.54	.56	.14	AMP
				3.84	95.42	285.48	248.59	315.88	33.84	241.35	165.67	PHASE
294	-8.11	17.83	652	12.23	1.51	2.81	2.58	2.39	.67	.59	.88	AMP
				1.57	98.83	288.85	248.87	318.88	3.37	242.56	182.42	PHASE
295	1.84	6.81	653	5.57	.39	.24	.87	.77	.22	.21	.86	AMP
				347.54	182.91	315.39	227.24	275.59	63.81	248.34	91.73	PHASE
296	.22	7.22	653	6.18	.28	.16	.95	.85	.28	.31	.83	AMP
				351.26	98.48	381.98	223.14	268.84	44.19	226.48	347.89	PHASE
297	-1.54	7.95	653	6.88	.24	.17	1.18	1.84	.18	.39	.82	AMP
				358.93	183.14	262.88	231.38	279.37	74.38	236.78	169.85	PHASE
299	-3.37	9.18	653	7.71	.29	.32	1.42	1.14	.21	.43	.85	AMP
				2.86	118.28	284.52	226.48	275.74	81.32	219.33	178.38	PHASE
300	-4.28	18.15	652	8.17	.34	.47	1.55	1.28	.27	.44	.84	AMP
				3.84	119.75	281.49	224.78	275.93	75.68	218.47	154.12	PHASE
301	-5.42	18.96	652	8.98	.58	.79	1.68	1.26	.48	.47	.83	AMP
				5.87	124.32	199.39	238.78	291.88	79.59	286.82	228.47	PHASE

TABLE VII.- Continued

(d) Continued

FLAPWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	RUN NO 11								
				1P	2P	3P	4P	5P	6P	7P	8P	
279	-4.22	24.25	653	16.67	6.19	3.1#	2.65	3.87	.85	2.86	.31	AMP
280	-2.67	25.98	654	136.95	323.33	287.34	148.62	216.36	345.1#	236.92	1#1.58	PHASE
281	-1.17	27.36	653	17.75	6.56	3.39	2.23	4.##	.62	2.77	.5#	AMP
282	.49	29.44	653	136.61	31#7.79	283.72	134.12	199.14	314.31	2#4.22	148.44	PHASE
283	2.11	31.18	652	18.88	7.22	3.44	1.9#	4.15	.43	2.82	1.89	AMP
284	3.94	33.95	653	142.82	315.44	387.1#	158.9#	229.4#	318.43	235.89	191.34	PHASE
285	5.55	36.35	653	2#2.24	7.69	3.11	1.71	4.89	.59	3.85	1.39	AMP
286	6.47	39.68	653	143.27	318.36	389.96	158.6#	226.85	288.89	229.54	184.97	PHASE
287	-2.98	22.17	653	21.76	8.28	3.51	1.32	4.84	.72	2.94	1.78	AMP
288	-1.33	24.25	652	148.84	299.11	386.21	146.29	286.31	271.82	283.18	146.42	PHASE
289	.34	25.98	653	23.83	8.62	2.64	1.31	3.81	.73	3.58	2.89	AMP
290	1.86	27.71	654	144.82	3#4.67	326.16	159.29	217.41	3#3.63	219.24	168.6#	PHASE
291	3.72	38.48	653	25.54	9.56	1.64	1.57	1.5#	.37	3.99	3.32	AMP
292	5.34	32.56	653	148.87	296.77	319.96	89.89	166.28	339.7#	183.71	142.74	PHASE
293	6.97	35.68	654	26.9#	11.9#	1.24	4.2#	3.55	.29	3.69	3.36	AMP
294	7.76	36.72	652	141.63	3#1.2#	335.26	71.72	187.95	112.86	184.52	163.85	PHASE
295	.52	21.82	653	16.38	5.53	2.98	2.52	3.68	.43	2.28	1.35	AMP
296	2.88	23.55	653	134.59	325.44	293.23	133.61	22#1.15	8.37	193.87	2#7.37	PHASE
297	3.68	26.33	653	17.3#	6.12	3.53	2.25	3.66	.56	2.31	1.85	AMP
298	5.4#	29.44	653	139.79	324.29	31#4.44	136.84	236.89	22.12	288.93	32.19	PHASE
299	6.27	38.14	652	19.51	6.86	3.95	2.3#	3.59	4.46	2.36	.74	AMP
300	7.3#	32.56	652	136.84	389.97	382.62	118.84	216.79	5.8#	166.37	348.67	PHASE
301	16.21	22.7#	653	19.75	7.5#	4.22	1.97	3.48	.55	2.61	1.59	AMP
302	17.65	24.47	654	137.54	3#2.74	3#5.83	97.94	287.93	356.85	158.4#	319.75	PHASE
303	18.72	21.54	653	21.13	8.48	4.37	1.63	4.8#	.53	2.93	.4#	AMP
304	19.69	23.55	653	145.87	311.3#	335.93	119.63	245.84	37.21	283.26	7.4#	PHASE
305	21.98	48.61	653	22.82	9.21	4.56	1.47	4.61	.59	3.88	.81	AMP
306	23.21	49.53	653	143.74	3#2.49	33#6.88	88.81	235.68	24.28	176.37	14.95	PHASE
307	17.55	19.23	653	24.49	1#8.83	4.42	1.44	5.11	.77	3.27	.58	AMP
308	19.54	19.36	653	144.17	298.53	329.64	59.16	244.51	16.14	187.88	17#1.58	PHASE
309	21.43	27.18	653	144.36	1#8.45	4.47	1.88	5.56	.83	3.33	.56	AMP
310	23.16	32.35	653	142.18	293.46	323.21	38.25	243.38	3.54	147.38	112.77	PHASE
311	23.83	31.95	652	16.87	5.16	3.53	1.84	3.53	.39	1.32	.62	AMP
312	24.47	35.66	654	139.28	323.19	389.81	129.47	282.75	62.96	169.17	35#5.22	PHASE
313	24.7#	39.86	652	17.19	5.88	4.14	2.88	3.86	.35	1.53	.77	AMP
314	24.7#	39.86	652	139.81	315.88	312.95	117.61	189.13	46.11	163.73	324.67	PHASE
315	25.4#	29.44	653	18.4#	6.91	4.66	2.14	4.46	.34	1.49	.53	AMP
316	25.98	27.14	653	144.36	317.81	331.88	122.48	284.77	51.66	172.17	353.62	PHASE
317	27.14	27.14	653	19.78	7.86	5.49	2.2#	4.82	.38	1.6#	.67	AMP
318	27.14	27.14	653	145.89	318.71	337.82	113.63	281.96	46.22	157.63	389.83	PHASE
319	27.14	27.14	653	2#5.54	8.41	5.66	2.38	5.85	.42	1.66	.67	AMP
320	27.14	27.14	653	144.88	3#7.4#	337.87	186.74	281.29	31.51	146.14	385.28	PHASE
321	27.3#	32.56	652	21.69	9.1#	6.92	2.53	5.23	.43	1.91	.77	AMP
322	27.3#	32.56	652	146.52	386.45	343.69	184.19	211.53	49.2#	142.65	292.95	PHASE

CHORDWISE 77 PERCENT RADIUS

CHORDWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	RUN NO 11								
				1P	2P	3P	4P	5P	6P	7P	8P	
279	16.21	22.7#	653	6.46	2.77	3.29	2.55	2.42	3.47	1.22	.53	AMP
280	17.65	24.47	654	174.25	328.88	285.56	86.14	385.71	189.33	282.62	87.99	PHASE
281	18.72	21.54	653	5.82	2.63	3.62	2.91	3.38	6.89	2.21	1.81	AMP
282	19.69	23.55	653	186.85	325.11	285.28	43.35	261.7#	198.92	247.97	83.23	PHASE
283	2#8.36	31.42	652	5.21	2.47	3.88	4.14	5.15	5.6#	1.87	1.48	AMP
284	21.25	32.97	653	286.2#	334.7#	385.22	82.23	285.47	23#4.7	319.63	139.65	PHASE
285	21.98	48.61	653	4.49	2.34	4.62	5.38	5.41	7.23	1.21	1.91	AMP
286	23.21	49.53	653	226.5#	337.46	386.81	84.82	298.72	244.28	385.73	125.84	PHASE
287	17.55	19.23	653	4.46	2.89	5.88	6.42	6.87	8.7#	1.58	2.82	AMP
288	19.54	19.36	652	252.3#	327.77	299.3#	36.29	288.85	255.31	243.24	98.76	PHASE
289	18.68	19.36	653	5.12	1.82	6.4#	7.42	7.21	8.67	3.37	2.21	AMP
290	20.16	22.42	654	286.##	338.22	313.86	47.89	319.69	296.8#	247.42	131.21	PHASE
291	21.43	27.18	653	5.85	1.82	6.33	8.83	7.2#	9.66	5.68	.66	AMP
292	23.16	32.35	653	311.##	323.31	295.4#	27.59	386.33	293.19	223.91	97.88	PHASE
293	24.15	35.66	654	8.85	2.34	8.4#	9.72	8.72	7.37	7.88	.98	AMP
294	24.7#	39.86	652	348.23	228.96	298.66	21.36	351.36	342.88	232.51	248.78	PHASE
295	18.8#	19.38	653	6.11	2.48	2.96	3.87	2.45	1.85	1.88	1.39	AMP
296	19.54	18.9#	653	168.##	325.31	294.8#	61.59	284.15	192.32	255.63	43.88	PHASE
297	21.##	23.65	653	5.21	2.56	3.6#	3.58	4.86	2.75	1.36	1.39	AMP
298	22.75	27.14	653	177.24	333.4#	311.74	61.56	273.34	243.42	283.62	78.89	PHASE
299	22.75	27.14	653	4.13	2.81	4.26	5.85	5.66	1.76	.79	1.52	AMP
300	23.19	29.27	652	189.8#	324.85	296.57	24.69	265.29	199.97	224.63	37.86	PHASE
301	23.83	31.95	652	3.38	2.54	5.26	6.85	5.82	3.26	1.88	.98	AMP
302	24.47	35.66	654	218.56	315.89	293.27	14.7#	265.99	186.79	196.69	32.29	PHASE
303	24.7#	39.86	652	3.38	2.71	7.84	7.61	5.91	5.76	2.52	1.9#	AMP
304	25.4#	29.44	652	258.42	317.87	317.11	45.38	289.8#	263.37	248.19	1#8.19	PHASE
305	25.98	27.14	653	4.67	2.96	8.62	8.6#	7.89	7.64	3.25	1.66	AMP
306	27.14	27.14	653	283.4#	318.93	387.28	31.82	274.36	27#4.43	225.47	76.71	PHASE
307	27.14	27.14	653	6.39	2.37	9.43	8.81	7.63	7.87	4.87	.67	AMP
308	27.14	27.14	653	388.86	385.22	388.22	28.91	267.41	295.98	231.56	53.18	PHASE
309	27.14	27.14	653	6.74	1.53	9.98	7.62	9.18	7.18	3.41	1.15	AMP
310	27.14	27.14	653	317.13	277.56	287.88	9.47	247.62	298.19	225.23	14.39	PHASE
311	27.14	27.14	653	4.48	2.12	3.49	4.87	3.64	2.51	.12	1.11	AMP
312	27.14	27.14	653	167.38	322.88	386.54	43.27	248.3#	246.87	335.84	47.34	PHASE
313	27.14	27.14	653	3.1#	2.25	4.31	5.59	2.81	3.1#	.93	1.63	AMP
314	27.14	27.14	653	179.62	318.29	299.45	32.25	229.59	221.2#	187.22	28.66	PHASE
315	27.14	27.14	653	1.88	2.75	5.78	7.31	3.32	5.6#	2.29	1.53	AMP
316	27.14	27.14	653	289.87	318.64	311.71	41.53	242.42	249.16	238.57	68.38	PHASE
317	27.14	27.14	653	2.23	3.23	7.61	9.15	4.84	7.81	2.78	2.78	AMP
318	27.14	27.14	653	271.89	313.42	318.69	35.36	228.15	248.14	238.34	59.62	PHASE
319	27.14	27.14	653	2.94	3.64	8.41	9.54	4.46	7.51	2.87	1.27	AMP
320	27.14	27.14	653	288.82	311.34	387.94	29.83	215.3#	248.69	248.57	44.39	PHASE
321	27.3#	32.56	652	4.21	3.93	9.84	18.89	5.58	7.65	2.82	1.16	AMP
322	27.3#	32.56	652	146.52	386.45	343.69	184.19	211.53	49.2#	142.65	292.95	PHASE

TABLE VII.- Continued

(d) Concluded

TORSION 75 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	1.15	5.58	653	3.58	1.38	.24	.59	.88	.11	.52	.23	AMP
280	-.44	5.79	654	323.83	115.81	.81	298.83	387.18	287.98	38.87	387.89	PHASE
281	-2.85	5.72	653	3.85	1.28	.28	.55	.73	.87	.58	.24	AMP
282	-3.59	6.58	653	328.96	112.29	347.99	279.39	283.38	196.77	9.44	282.95	PHASE
283	-5.87	6.98	652	4.26	1.17	.23	.56	.76	.85	.48	.28	AMP
284	-6.68	7.66	653	342.38	126.24	348.56	292.52	386.65	278.97	33.28	329.94	PHASE
285	-7.95	9.25	653	4.77	1.85	.19	.68	.75	.88	.74	.32	AMP
286	-9.88	12.14	653	348.19	131.57	327.27	281.22	382.81	317.68	38.79	313.46	PHASE
287	.52	4.98	653	5.34	1.83	.18	.58	.78	.14	.55	.37	AMP
288	-.98	5.28	652	358.91	138.32	278.36	258.88	275.37	267.21	358.85	296.38	PHASE
289	-2.56	5.98	653	6.15	.97	.31	.79	.81	.24	.66	.41	AMP
290	-4.84	6.75	654	358.82	153.74	245.45	254.38	279.42	288.84	14.58	322.81	PHASE
291	-5.72	7.69	653	7.84	.99	.54	1.14	1.85	.48	.64	.31	AMP
292	-7.28	8.32	653	356.26	168.88	221.81	222.98	239.34	265.58	347.62	282.42	PHASE
293	-8.62	9.13	654	8.74	.75	.67	1.78	1.72	1.82	.68	.13	AMP
294	-9.36	9.78	652	353.78	172.14	198.88	224.98	235.43	266.59	345.36	197.21	PHASE
295	-1.57	4.34	653	3.32	1.89	.82	.59	.67	.12	.37	.12	AMP
296	-3.83	5.13	653	321.71	112.41	75.62	272.71	293.63	149.67	18.31	246.67	PHASE
297	-4.62	5.86	653	3.62	.99	.83	.52	.68	.14	.41	.88	AMP
298	-6.24	6.88	653	335.79	126.58	117.86	285.39	386.75	132.86	33.25	283.36	PHASE
299	-7.85	7.31	652	4.14	.92	.89	.55	.61	.11	.41	.88	AMP
300	-8.81	7.93	652	339.79	126.57	125.48	259.88	277.48	87.28	345.58	264.53	PHASE
301	-8.81	7.93	652	4.67	.87	.19	.56	.61	.11	.44	.12	AMP
279	1.15	5.58	653	345.66	131.87	143.78	242.84	268.68	65.81	342.47	247.28	PHASE
280	-.44	5.79	654	5.36	.95	.38	.68	.76	.25	.45	.13	AMP
281	-2.85	5.72	653	358.73	151.35	181.48	257.74	318.32	79.66	31.45	279.22	PHASE
282	-3.59	6.58	653	6.88	1.86	.59	.83	.82	.31	.43	.14	AMP
283	-5.87	6.98	652	.81	1.85	.67	1.81	.95	53.75	6.21	265.76	PHASE
284	-6.68	7.66	653	6.98	1.89	.67	1.81	.95	.55	.83	.31	AMP
285	-7.95	9.25	653	7.48	1.83	.61	1.84	1.86	16.59	359.54	294.84	PHASE
286	-9.88	12.14	653	.77	1.83	.61	1.84	1.86	.53	.56	.86	AMP
287	.52	4.98	653	3.23	.64	.88	.44	.46	.88	.19	.82	AMP
288	-.98	5.28	652	338.21	138.95	163.62	263.35	285.51	99.88	354.24	328.18	PHASE
289	-2.56	5.98	653	3.78	.68	.17	.58	.51	.85	.27	.82	AMP
290	-4.84	6.75	654	345.26	148.41	147.44	258.18	278.68	68.38	352.27	254.88	PHASE
291	-5.72	7.69	653	4.29	.66	.32	.68	.66	.12	.18	.88	AMP
292	-7.28	8.32	653	355.57	153.81	172.83	246.23	286.97	53.48	15.78	278.38	PHASE
293	-8.62	9.13	654	5.88	.78	.56	.74	.76	.19	.16	.85	AMP
294	-9.36	9.78	652	.22	1.54	1.68	233.57	283.21	48.69	287.78	272.23	PHASE
295	-1.57	4.34	653	5.38	.98	.65	.86	.88	.24	.12	.87	AMP
296	-3.83	5.13	653	1.78	1.85	.84	229.47	282.28	36.83	23.95	236.65	PHASE
297	-4.62	5.86	653	5.35	1.85	.97	.97	.97	.33	.88	.86	AMP
298	-6.24	6.88	653	5.21	1.55	.64	171.62	231.12	298.91	38.52	238.26	PHASE

PITCH LINK												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	-3.39	9.81	653	6.81	1.88	.56	1.38	1.36	.44	1.28	.23	AMP
280	-1.76	18.72	654	172.28	289.76	173.88	76.92	138.67	129.48	58.98	9.37	PHASE
281	-.16	11.71	653	6.43	1.88	.74	1.26	1.36	.35	1.34	.41	AMP
282	1.55	13.38	653	174.71	276.85	159.98	59.33	189.58	89.21	26.19	334.67	PHASE
283	3.58	15.85	652	7.24	.99	.68	1.37	1.43	.43	1.32	.65	AMP
284	5.84	18.87	653	183.59	277.21	169.18	88.36	139.16	85.61	52.56	16.17	PHASE
285	8.58	24.37	653	8.43	1.15	.69	1.41	1.36	.65	1.52	.57	AMP
286	12.58	33.21	653	187.84	268.87	137.43	82.89	128.59	86.48	49.49	356.62	PHASE
287	-2.23	7.89	653	18.32	1.57	.69	1.52	1.72	.87	28.38	.91	AMP
288	-.84	8.81	652	186.38	265.36	187.89	61.35	98.75	98.81	1.45	7.87	AMP
289	.65	18.36	653	12.92	1.94	1.68	1.94	2.38	.94	28.38	.91	AMP
290	2.88	11.71	654	193.87	286.29	81.75	77.87	185.85	111.58	42.58	349.84	PHASE
291	3.88	14.18	653	16.56	2.27	2.99	2.33	3.19	.91	2.19	.71	AMP
292	5.78	16.25	653	198.43	284.97	65.19	63.93	83.58	78.43	24.89	334.13	PHASE
293	7.97	21.26	654	22.42	.15	5.84	2.31	5.48	2.72	2.82	.92	AMP
294	9.32	24.37	652	191.66	318.57	77.89	54.66	69.19	79.65	62.56	96.87	PHASE
295	.48	7.34	653	4.88	.46	.86	1.48	1.27	.38	.97	.11	AMP
296	1.74	8.42	653	173.38	283.81	132.38	58.34	138.36	164.61	32.59	157.22	PHASE
297	3.17	18.36	653	5.51	.29	.97	1.38	1.22	.31	1.85	.19	AMP
298	4.69	11.79	653	188.95	265.21	151.88	63.67	145.22	163.82	47.88	82.86	PHASE
299	5.46	13.14	652	6.27	.26	.93	1.52	1.38	.21	1.88	.29	AMP
300	6.45	15.18	652	182.26	224.25	126.58	46.39	127.16	118.24	358.67	22.86	PHASE
301	6.45	15.18	652	7.33	.38	.87	1.57	1.29	.21	1.34	.16	AMP
279	-3.39	9.81	653	184.18	289.77	118.81	48.15	117.42	99.54	354.88	348.86	PHASE
280	-.44	5.79	654	8.97	.43	1.85	1.79	1.34	.29	1.45	.15	AMP
281	-2.85	5.72	653	195.74	253.81	93.88	73.64	162.82	181.86	34.83	63.38	PHASE
282	-3.59	6.58	653	11.83	1.75	1.61	2.88	1.62	.45	1.51	.16	AMP
283	-5.87	6.98	652	195.43	277.94	64.77	64.93	147.63	99.54	7.32	187.77	PHASE
284	-6.68	7.66	653	14.21	1.67	2.96	2.39	2.35	.74	1.55	.27	AMP
285	-7.95	9.25	653	197.28	283.19	54.82	75.69	142.95	135.28	359.32	45.86	PHASE
286	-9.88	12.14	653	16.36	2.22	3.82	2.83	2.85	.85	1.26	.25	AMP
287	.52	4.98	653	194.79	276.43	43.84	78.97	131.18	138.98	346.86	96.17	PHASE
288	-.98	5.28	652	4.77	.21	.99	1.12	1.31	.21	.58	.23	AMP
289	-2.56	5.98	653	183.95	86.39	142.37	45.94	125.89	122.57	1.54	49.29	PHASE
290	-4.84	6.75	654	5.59	.29	.99	1.13	1.47	.22	.88	.24	AMP
291	-5.72	7.69	653	187.75	187.49	134.17	44.13	113.89	121.89	358.98	45.81	PHASE
292	-7.28	8.32	653	6.69	.37	.98	1.45	1.53	.38	.86	.19	AMP
293	-8.62	9.13	654	194.15	139.77	134.86	57.66	131.74	96.69	14.29	43.44	PHASE
294	-9.36	9.78	652	8.81	.37	.84	1.67	1.64	.38	.93	.38	AMP
295	-1.57	4.34	653	197.59	146.27	188.65	56.78	128.43	73.89	359.27	51.12	PHASE
296	-3.83	5.13	653	8.91	.32	.93	1.87	1.84	.38	.95	.28	AMP
297	-4.62	5.86	653	197.98	158.48	76.23	55.97	124.48	67.32	346.87	45.12	PHASE
298	-6.24	6.88	653	18.85	.38	1.35	2.18	2.88	.15	1.86	.32	AMP
299	-7.85	7.31	652	288.68	192.91	61.49	62.51	133.88	68.36	344.35	59.71	PHASE

TABLE VII.- Continued

(e) $\mu = 0.40$; $M_T = 0.62$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CO/SIGMA
302	-0.8	5.9	6.1	.02471	-.00169	.00309
303	-1.6	7.6	8.0	.03240	-.00368	.00576
304	-1.6	9.0	10.0	.04186	-.00562	.00477
305	-2.4	9.9	11.9	.05160	-.00764	.00580
306	-2.7	10.5	14.0	.06395	-.00972	.00711
310	-1.1	5.2	.0	.03183	.00164	.00161
311	-1.4	6.7	2.0	.04180	.00137	.00185
312	-2.0	7.7	3.9	.05294	.00109	.00216
313	-2.1	9.1	5.9	.06504	.00061	.00267
314	-2.5	10.2	7.9	.07320	.00026	.00346
315	-2.8	10.8	8.9	.07758	-.00009	.00390
316	-3.1	11.3	10.0	.08343	-.00033	.00442
318	-.7	3.3	2.0	.02151	-.00008	.00226
319	-1.2	6.6	3.9	.03248	-.00131	.00284
320	-1.3	8.0	5.9	.04200	-.00243	.00346
321	-1.6	9.1	8.0	.05411	-.00381	.00416
322	-2.5	10.1	9.9	.06370	-.00513	.00492
323	-2.7	10.7	10.9	.06906	-.00573	.00543

TABLE VII.- Continued

(e) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO		12									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	48.30	18.16	596	6.48	5.80	4.34	1.95	6.16	1.20	1.26	.87
				151.94	310.27	348.41	356.14	56.36	321.26	250.52	53.74
303	49.50	17.72	595	6.77	5.72	4.99	2.21	5.83	1.02	1.04	.55
				140.91	306.61	343.53	338.79	41.24	313.48	225.89	348.00
304	50.01	19.00	596	7.50	6.03	5.52	2.70	6.36	.82	1.12	.98
				137.68	311.21	351.40	333.81	49.71	337.96	236.58	341.91
305	52.01	19.58	595	8.26	6.29	5.70	3.33	6.53	.49	1.00	1.19
				130.73	315.59	355.00	331.96	58.31	330.58	233.58	349.00
306	53.39	21.70	593	9.17	6.59	6.20	4.16	6.71	.51	1.01	1.34
				124.21	318.46	353.38	324.43	65.71	321.13	235.87	327.23
310	47.16	20.03	590	7.55	6.65	3.53	2.24	5.49	1.17	2.24	3.84
				144.58	314.10	24.09	353.96	106.77	344.52	231.29	92.48
311	48.30	23.11	589	8.46	7.16	4.60	2.40	5.94	1.01	2.22	4.27
				141.10	312.30	20.28	344.25	95.36	335.67	224.62	76.47
312	49.55	22.30	589	8.97	7.66	5.57	2.55	5.76	1.18	1.83	3.15
				139.17	313.93	23.26	345.30	94.91	337.66	229.86	77.49
313	50.63	23.00	589	9.35	7.95	5.70	2.61	5.58	1.10	1.79	2.66
				134.03	314.30	12.17	319.53	89.04	330.68	221.95	62.83
314	51.50	23.90	590	9.89	8.77	6.35	3.21	6.23	.80	1.61	2.56
				120.15	315.51	.10	296.95	89.16	7.95	197.26	46.04
315	51.89	24.00	589	10.10	9.14	6.33	3.46	6.62	1.05	1.53	2.21
				124.36	315.29	354.75	280.04	90.77	19.55	107.30	20.25
316	52.20	24.11	592	10.12	9.11	6.44	4.11	6.06	1.04	1.73	2.00
				118.50	314.70	339.25	270.27	86.68	27.56	163.61	2.00
318	47.61	10.91	589	6.67	5.89	3.34	1.46	5.88	1.60	1.03	1.63
				147.05	311.73	351.85	359.04	76.02	330.74	240.97	83.04
319	48.09	19.12	590	7.21	6.35	4.50	1.89	5.81	1.35	1.50	1.30
				140.30	322.07	8.96	5.39	98.61	354.14	200.23	107.74
320	50.00	20.07	589	7.92	6.71	5.46	2.20	5.90	1.38	1.44	.63
				141.53	315.34	3.04	343.77	74.35	331.03	243.68	35.94
321	51.29	20.29	590	8.33	7.00	6.17	2.62	5.96	1.22	1.49	1.27
				138.06	321.04	9.54	343.12	86.27	354.01	263.19	30.00
322	52.36	20.92	589	8.78	7.23	6.34	3.02	6.30	1.26	1.34	1.74
				127.98	312.20	351.31	313.20	62.71	335.52	243.46	345.23
323	52.09	22.36	590	9.19	7.39	6.54	3.34	6.61	1.10	1.16	1.79
				126.74	314.95	355.98	315.10	72.15	345.10	230.51	352.70

CHORDWISE 25 PERCENT RADIUS											
RUN NO		12									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	45.70	37.20	596	11.09	6.85	9.27	6.60	2.86	12.52	3.24	.71
				308.29	131.79	210.13	48.05	311.06	37.53	19.50	80.17
303	46.03	42.44	595	16.37	9.30	15.93	9.16	3.50	5.03	4.14	1.07
				322.01	137.13	200.69	32.07	269.93	34.02	27.09	55.94
304	48.70	66.77	596	27.74	13.13	24.63	12.86	3.30	4.17	3.08	1.66
				346.12	145.02	214.62	37.68	271.00	306.74	59.47	66.14
305	50.11	94.46	595	39.26	15.95	33.36	15.51	3.70	6.00	2.92	2.13
				356.06	150.68	224.00	39.09	231.41	284.62	56.94	84.42
306	50.55	125.07	593	56.70	20.07	44.94	17.99	5.81	6.16	5.40	2.79
				5.53	156.89	233.09	41.20	227.00	289.33	56.70	101.60
310	45.76	41.91	590	21.52	7.56	7.23	5.70	3.90	4.25	3.03	2.42
				268.78	119.15	249.65	72.65	74.36	190.79	93.41	154.70
311	44.36	45.70	589	26.79	11.00	10.50	4.75	2.34	4.46	4.76	2.07
				200.06	120.30	248.41	60.69	22.10	50.40	86.54	145.64
312	43.22	65.35	589	33.01	17.16	13.38	7.93	4.07	7.02	6.89	2.72
				309.36	125.75	242.35	53.54	6.99	114.40	102.44	154.19
313	42.62	00.12	589	43.23	20.46	18.64	9.75	6.23	6.71	9.44	3.43
				323.23	120.06	233.29	42.73	356.74	153.39	113.63	135.32
314	42.75	93.06	590	54.14	25.64	24.11	12.07	5.06	11.92	12.13	4.93
				335.38	130.97	231.57	30.13	351.03	176.73	110.31	116.16
315	42.56	107.49	589	59.56	27.37	20.03	11.20	5.47	14.21	12.46	5.29
				340.19	132.90	232.23	32.51	335.29	169.19	121.10	106.71
316	42.01	128.42	592	67.90	26.90	31.32	9.75	7.05	17.64	11.03	5.30
				344.58	131.58	229.51	8.22	305.67	196.28	128.19	90.93
318	43.54	34.74	589	13.56	5.20	5.50	5.02	1.90	6.15	3.51	1.10
				262.29	114.73	238.57	50.72	45.01	20.49	43.71	126.07
319	43.90	41.06	590	17.60	8.97	8.31	5.50	2.61	11.01	4.54	1.31
				295.75	122.19	243.72	69.00	12.29	73.44	74.09	166.80
320	44.62	53.43	589	27.27	14.13	14.57	9.22	5.11	7.24	6.67	1.62
				320.30	127.22	219.52	30.77	340.02	80.44	71.21	112.60
321	45.37	60.14	590	37.45	17.92	20.69	12.34	5.54	2.54	6.29	2.07
				330.36	140.69	231.19	52.54	12.10	114.10	100.11	135.49
322	45.45	94.23	589	48.96	23.31	30.65	14.06	4.29	.32	6.23	2.73
				341.63	134.79	221.68	36.00	341.10	65.07	77.93	98.17
323	45.27	105.16	590	54.42	22.30	34.49	15.53	3.56	.20	6.56	2.97
				345.35	149.20	229.15	41.93	340.15	114.73	90.23	109.61

TABLE VII.- Continued

(e) Continued

TORSION 28 PERCENT RADIUS												
RUN NO 12												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	7.48	8.69	596	5.16	.56	1.66	1.46	2.17	.29	.26	.21	AMP
				334.44	265.84	328.83	268.64	333.69	35.78	313.26	114.28	PHASE
303	5.93	8.84	595	5.37	.89	1.63	1.58	2.84	.32	.25	.83	AMP
				339.82	264.74	328.43	268.74	323.58	258.99	265.28	158.21	PHASE
304	4.88	8.27	596	6.13	1.83	1.88	1.88	2.81	.26	.52	.18	AMP
				358.29	262.27	328.87	269.28	325.24	6.69	262.15	65.41	PHASE
305	2.35	9.42	595	7.87	1.11	1.68	2.21	2.83	.23	.68	.31	AMP
				358.43	251.93	387.87	276.92	339.86	66.18	264.29	56.15	PHASE
306	.24	11.77	593	8.56	1.17	1.88	2.78	2.47	.57	.48	.19	AMP
				6.65	232.36	297.18	286.89	2.18	85.16	263.79	6.68	PHASE
310	9.95	11.22	598	7.28	1.33	.88	1.63	1.78	.65	.44	.93	AMP
				335.93	158.37	8.86	328.84	28.81	94.64	257.34	184.88	PHASE
311	8.21	11.85	589	7.37	1.18	.98	1.64	1.84	.71	.45	1.87	AMP
				348.48	158.14	5.96	387.41	13.88	185.86	266.23	98.84	PHASE
312	6.33	11.65	589	7.82	1.18	.71	1.78	1.79	.48	.43	.79	AMP
				349.27	161.11	18.93	388.24	28.31	119.53	258.86	95.87	PHASE
313	4.24	12.58	589	8.76	.76	1.18	1.94	1.86	.49	.43	.93	AMP
				353.68	158.38	355.94	297.55	9.52	45.82	288.94	84.33	PHASE
314	2.81	14.18	598	18.39	.44	1.94	2.42	2.88	1.36	.25	1.23	AMP
				357.37	88.38	347.49	387.71	11.49	48.78	384.23	63.87	PHASE
315	.85	15.73	589	11.32	.65	2.39	2.68	3.23	1.77	.16	1.15	AMP
				358.44	46.48	346.25	313.76	17.73	48.71	166.49	61.46	PHASE
316	-.86	18.67	592	13.82	1.42	3.18	2.33	3.37	2.24	.96	1.86	AMP
				358.46	29.61	347.77	311.32	16.12	58.45	147.42	71.72	PHASE
318	9.58	9.32	589	5.88	.53	1.39	1.37	1.85	.44	.28	.39	AMP
				329.36	146.88	334.75	291.77	353.91	85.22	282.95	128.99	PHASE
319	7.87	9.15	598	6.18	.38	1.42	1.48	2.86	.43	.29	.28	AMP
				341.25	199.14	351.19	386.28	19.57	168.79	341.45	156.52	PHASE
320	6.82	9.16	589	6.59	.47	1.26	1.78	1.95	.32	.35	.86	AMP
				343.79	215.57	338.13	281.97	.59	45.52	267.81	283.53	PHASE
321	4.16	18.12	598	7.29	.57	1.24	1.93	1.84	.28	.61	.13	AMP
				356.59	222.84	328.95	292.48	11.88	58.23	298.19	79.86	PHASE
322	2.31	11.86	589	8.19	.68	1.32	2.16	1.97	.38	.78	.31	AMP
				358.79	288.88	384.72	273.84	358.17	58.58	263.71	26.17	PHASE
323	1.36	12.87	598	8.86	.75	1.33	2.38	2.16	.48	.66	.32	AMP
				2.95	193.75	381.98	279.85	2.38	67.18	269.52	15.81	PHASE

TABLE VII.- Continued

(e) Continued

FLAPWISE 37 PERCENT RADIUS

RUN NO		12										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	34.50	17.76	596	9.45	6.72	5.12	1.54	3.54	.38	.35	.32	AMP
				138.09	317.38	359.12	335.17	58.25	292.19	268.86	288.75	PHASE
303	35.63	18.82	595	10.86	6.91	6.26	1.78	3.24	.25	.23	.31	AMP
				133.48	312.48	354.24	338.89	42.61	262.25	236.72	166.39	PHASE
304	36.75	20.35	596	11.44	7.88	7.51	1.98	3.78	.28	.38	.47	AMP
				134.83	314.19	342.22	331.81	58.89	248.26	223.73	167.69	PHASE
305	37.61	22.41	595	12.73	8.66	8.35	2.28	3.94	.27	.48	.54	AMP
				135.28	315.69	345.79	335.57	58.81	213.95	258.12	176.71	PHASE
306	38.58	25.33	593	14.56	9.72	9.82	2.32	3.94	.37	.47	.53	AMP
				134.99	316.29	342.61	333.86	64.64	199.69	264.61	168.58	PHASE
310	32.85	21.78	598	11.63	7.81	4.92	2.11	2.73	.41	.31	1.14	AMP
				138.87	319.86	21.46	328.87	118.38	342.53	385.99	259.94	PHASE
311	33.88	23.83	589	13.88	8.68	6.29	2.28	3.83	.33	.39	1.26	AMP
				137.38	315.38	17.21	324.43	186.23	321.36	285.22	247.97	PHASE
312	33.87	25.55	589	13.98	9.49	7.68	2.12	2.69	.42	.48	1.83	AMP
				137.89	314.29	28.31	331.71	184.73	336.54	295.93	254.48	PHASE
313	34.76	26.18	589	14.94	10.33	7.93	2.16	2.54	.37	.37	.93	AMP
				135.83	311.67	11.62	318.82	95.28	321.88	283.34	241.18	PHASE
314	35.43	28.83	598	15.97	11.93	8.75	2.68	2.78	.83	.43	1.88	AMP
				133.66	309.93	2.58	286.79	98.18	331.85	258.28	226.88	PHASE
315	35.75	28.94	589	16.34	12.64	8.79	2.78	3.83	.13	.58	.95	AMP
				132.37	308.79	358.93	276.88	181.48	156.82	249.17	211.92	PHASE
316	36.86	29.33	592	16.68	13.34	8.78	3.13	2.65	.26	.68	.87	AMP
				129.63	306.59	347.76	261.16	98.88	161.59	248.34	193.51	PHASE
318	32.99	18.73	589	9.51	6.88	4.89	1.43	3.38	.68	.58	1.53	AMP
				135.28	319.37	3.85	329.81	79.62	311.82	262.14	236.82	PHASE
319	34.13	28.34	598	18.66	7.59	5.58	1.78	3.15	.52	.45	.52	AMP
				139.83	326.86	18.83	343.84	182.96	331.91	292.96	248.58	PHASE
320	35.19	21.83	589	11.98	8.37	7.12	1.87	3.11	.55	.32	.49	AMP
				135.88	316.48	18.14	328.12	78.86	381.14	274.51	286.17	PHASE
321	36.24	23.47	598	13.16	9.25	8.29	1.98	3.14	.47	.32	.61	AMP
				137.38	328.87	18.29	334.83	88.35	312.46	264.24	218.26	PHASE
322	37.11	25.47	589	14.33	9.79	9.84	2.87	3.43	.42	.42	1.82	AMP
				131.55	389.33	3.87	388.89	63.56	296.72	226.44	167.21	PHASE
323	37.45	26.89	598	15.88	18.29	9.59	2.15	3.67	.38	.42	.71	AMP
				132.58	318.97	8.58	313.48	71.52	384.64	239.49	173.74	PHASE

CHORDWISE 37 PERCENT RADIUS

RUN NO		12										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	21.89	43.14	596	9.22	5.21	5.91	9.46	2.57	18.83	5.58	.99	AMP
				384.14	139.79	226.73	44.11	334.19	31.59	19.91	131.16	PHASE
303	22.34	38.58	595	12.94	7.41	18.59	12.44	2.84	7.42	7.44	1.32	AMP
				316.14	143.34	214.24	38.68	275.88	25.88	26.25	76.65	PHASE
304	23.25	61.82	596	21.24	18.32	17.22	17.48	2.58	6.58	5.83	2.52	AMP
				337.74	149.74	227.19	36.87	281.95	382.78	75.85	95.58	PHASE
305	23.73	85.38	595	29.67	12.83	24.22	21.41	2.68	9.49	3.76	3.31	AMP
				346.32	154.28	235.66	39.98	214.88	279.54	76.88	111.15	PHASE
306	22.98	118.87	593	42.54	16.99	33.65	25.79	4.92	9.37	5.64	4.65	AMP
				355.34	158.54	245.75	42.88	217.38	281.88	62.94	128.55	PHASE
310	25.34	38.89	598	17.62	6.88	5.32	8.86	5.88	6.41	6.31	3.21	AMP
				278.88	118.43	268.19	61.63	79.99	196.82	98.38	282.33	PHASE
311	23.99	45.55	589	22.53	9.43	8.47	8.42	2.78	5.32	8.81	4.56	AMP
				288.47	119.84	265.35	58.42	47.51	31.53	78.82	182.34	PHASE
312	22.53	59.52	589	27.82	13.88	18.77	12.37	4.79	8.98	18.93	4.17	AMP
				386.19	124.84	265.54	53.96	18.58	187.25	92.98	193.88	PHASE
313	21.31	65.87	589	35.87	16.69	14.58	14.23	6.14	7.85	14.86	4.29	AMP
				318.58	128.87	255.43	45.82	358.88	162.71	189.69	166.48	PHASE
314	28.82	85.48	598	44.28	21.38	19.29	16.42	5.24	17.34	18.89	5.65	AMP
				329.61	132.88	252.87	39.46	331.45	186.84	128.65	138.27	PHASE
315	19.41	97.97	589	48.23	23.18	22.87	15.88	31.81	19.88	19.88	6.45	AMP
				334.11	135.86	251.45	33.52	315.76	196.81	125.53	122.58	PHASE
316	18.98	119.61	592	54.25	23.85	25.45	14.19	11.17	28.29	18.52	7.79	AMP
				338.58	135.82	247.91	11.35	296.38	281.85	134.25	188.26	PHASE
318	22.51	33.69	589	11.82	4.87	3.65	7.73	2.89	8.63	6.48	1.42	AMP
				265.83	118.88	258.86	51.32	54.81	21.81	37.97	161.87	PHASE
319	22.62	45.77	598	14.74	7.87	5.96	8.77	2.87	15.96	8.86	2.88	AMP
				293.22	124.12	261.98	62.61	35.97	66.56	68.38	192.58	PHASE
320	22.58	49.89	589	21.81	18.95	18.16	12.99	4.88	9.44	11.56	2.16	AMP
				314.92	125.93	237.88	48.88	354.32	68.25	65.87	135.88	PHASE
321	22.40	68.83	589	28.72	14.88	16.15	17.26	5.88	2.51	18.91	3.17	AMP
				337.95	143.66	247.84	53.21	15.58	182.84	188.98	156.19	PHASE
322	21.63	81.46	589	34.60	15.05	22.68	28.86	4.47	1.22	18.43	4.18	AMP
				341.92	135.97	237.29	35.63	346.83	276.95	84.67	116.76	PHASE
323	28.59	98.22	598	43.07	17.99	25.77	22.15	4.81	1.89	19.37	4.65	AMP
				333.71	142.39	245.59	41.78	346.46	278.99	97.97	126.61	PHASE

TABLE VII.- Continued

(e) Continued

TORSION 36 PERCENT RADIUS											
RUN NO		12									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	5.30	8.37	596	6.59	.29	.77	1.41	1.91	.29	.26	.14 AMP
				332.00	98.78	292.28	237.15	291.05	357.96	280.94	48.18 PHASE
303	3.79	8.35	595	6.86	.10	.75	1.37	1.01	.29	.25	.01 AMP
				334.72	170.36	281.46	228.07	281.36	328.07	236.13	36.13 PHASE
304	2.00	9.26	596	7.66	.26	.73	1.64	1.86	.29	.43	.09 AMP
				343.18	184.55	270.82	237.43	284.33	348.40	225.19	1.05 PHASE
305	.32	10.69	595	8.58	.54	1.00	2.03	1.87	.22	.50	.25 AMP
				349.49	176.31	252.99	244.33	298.51	36.31	219.81	354.43 PHASE
306	-1.75	13.03	593	10.00	1.01	1.33	2.48	2.19	.55	.39	.19 AMP
				356.32	166.14	242.14	256.10	319.96	51.43	221.40	323.61 PHASE
310	8.48	11.02	590	7.96	1.77	.28	1.32	1.53	.55	.20	.61 AMP
				330.06	127.32	355.18	205.73	346.00	57.36	223.84	54.31 PHASE
311	6.79	11.09	589	8.29	1.64	.28	1.33	1.66	.60	.28	.72 AMP
				333.67	127.58	.92	274.00	331.47	67.27	241.13	39.36 PHASE
312	4.95	11.89	589	8.82	1.62	.11	1.40	1.60	.36	.27	.54 AMP
				341.16	126.72	84.27	267.17	337.79	85.39	229.73	42.76 PHASE
313	2.95	12.63	589	9.75	1.41	.24	1.61	1.67	.39	.34	.67 AMP
				344.58	113.09	345.26	267.02	320.02	0.90	260.27	31.53 PHASE
314	.01	14.16	590	11.36	1.29	.82	2.03	2.45	1.10	.26	.91 AMP
				347.29	84.04	326.58	201.97	332.75	357.90	296.79	11.05 PHASE
315	-.29	15.05	589	12.26	1.36	1.15	2.20	2.78	1.41	.13	.84 AMP
				347.98	65.77	326.80	209.65	339.42	6.39	30.21	0.94 PHASE
316	-1.04	16.10	592	13.77	1.92	1.71	1.90	2.85	1.78	.69	.71 AMP
				347.76	43.46	335.52	291.21	340.00	15.59	84.98	10.26 PHASE
318	7.99	9.00	589	6.87	1.05	.67	1.28	1.64	1.40	.19	.27 AMP
				326.49	107.34	307.01	258.26	312.37	47.76	264.54	65.20 PHASE
319	6.37	9.32	590	7.29	.81	.59	1.27	1.80	.38	.26	.18 AMP
				336.74	124.08	320.94	273.00	338.41	66.33	313.76	91.76 PHASE
320	4.59	9.86	509	7.86	.74	.49	1.48	1.75	.20	.26	.03 AMP
				339.41	125.02	277.66	250.37	317.61	20.75	240.91	301.21 PHASE
321	2.70	10.01	590	8.59	.83	.56	1.68	1.70	.25	.48	.14 AMP
				349.30	135.06	257.06	260.69	327.19	09.97	253.07	13.50 PHASE
322	1.06	11.94	589	9.42	.99	.74	1.88	1.79	.30	.58	.27 AMP
				349.19	121.45	231.88	243.55	306.86	28.70	222.48	336.63 PHASE
323	.17	12.00	590	10.05	1.20	.88	2.01	1.92	.36	.49	.28 AMP
				352.84	124.88	227.64	250.28	319.47	41.56	227.61	344.73 PHASE

TABLE VII.- Continued

(e) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 12												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	22.06	19.08	596	11.40	8.34	6.40	1.15	1.67	.59	.81	.72	AMP
				127.31	315.83	355.80	298.88	233.35	144.35	58.95	231.07	PHASE
303	23.16	20.19	595	12.41	8.60	7.07	1.12	1.68	.70	.70	.49	AMP
				125.06	309.02	351.87	290.07	223.03	126.59	32.28	163.84	PHASE
304	24.17	24.74	596	14.21	9.70	9.60	1.03	1.66	.50	.50	.94	AMP
				127.96	309.88	2.74	296.30	230.11	133.29	43.35	157.48	PHASE
305	24.06	28.28	595	16.04	10.84	10.92	.85	1.66	.70	.70	1.19	AMP
				129.84	310.73	10.92	299.46	239.21	143.22	42.37	166.13	PHASE
306	25.56	33.41	593	18.52	12.45	13.10	.71	1.71	.52	.62	1.40	AMP
				131.45	311.17	16.12	306.61	243.42	147.02	45.99	150.77	PHASE
310	19.59	25.96	590	14.37	9.25	6.52	1.25	2.47	.93	1.70	4.02	AMP
				129.80	318.40	14.72	321.67	269.11	175.38	36.10	266.52	PHASE
311	20.50	28.53	589	16.07	10.52	7.98	1.36	2.44	.84	1.69	4.37	AMP
				129.53	314.10	11.02	318.00	256.98	171.87	29.43	251.91	PHASE
312	21.37	30.27	589	17.30	11.61	9.69	1.35	2.48	.62	1.42	3.34	AMP
				132.03	312.62	15.45	321.35	250.20	167.90	33.06	253.33	PHASE
313	22.12	31.06	589	18.72	12.04	10.24	1.37	2.37	.61	1.53	2.76	AMP
				130.96	310.24	9.09	312.96	251.21	144.64	26.40	241.76	PHASE
314	22.63	34.54	590	19.09	15.11	11.37	1.75	2.00	.52	1.42	2.67	AMP
				130.30	307.57	1.31	289.61	246.17	172.73	350.78	224.60	PHASE
315	22.03	35.20	589	20.27	16.15	11.64	1.90	3.04	1.42	2.29	5.21	AMP
				129.96	306.34	350.19	284.42	246.17	179.42	346.07	287.02	PHASE
316	22.92	36.93	592	20.75	17.22	11.59	1.78	2.91	.49	1.73	2.01	AMP
				120.13	303.66	348.81	277.09	241.33	194.00	329.64	179.71	PHASE
318	21.16	19.06	589	11.73	8.29	5.31	1.30	2.00	.97	1.23	1.55	AMP
				124.05	319.50	359.98	309.46	246.04	139.77	53.04	257.14	PHASE
319	22.14	21.15	590	13.00	9.32	7.09	1.41	2.05	.76	.96	1.27	AMP
				130.24	324.03	14.51	327.60	264.76	169.23	83.14	203.71	PHASE
320	23.03	24.39	589	14.69	10.52	10.52	1.40	2.15	.75	.89	1.60	AMP
				128.17	313.90	7.69	313.43	242.34	159.22	42.00	209.77	PHASE
321	23.98	20.32	590	16.43	11.05	10.60	1.43	2.12	.70	1.01	1.31	AMP
				131.44	317.20	10.00	323.01	252.69	157.64	67.30	209.13	PHASE
322	24.70	31.00	589	18.10	12.73	11.67	1.46	2.07	.64	.84	1.73	AMP
				127.10	305.24	4.63	302.49	226.95	134.69	57.47	165.41	PHASE
323	25.09	33.00	590	19.02	13.51	12.53	1.40	2.11	.58	.65	1.02	AMP
				120.57	300.32	10.45	309.84	236.09	137.27	63.13	172.99	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 12												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	20.67	51.64	596	9.32	4.40	4.41	11.49	2.23	21.39	7.15	1.56	AMP
				303.04	149.23	254.10	42.97	325.00	32.24	23.99	157.07	PHASE
303	20.94	42.10	595	12.72	6.47	8.14	15.14	3.19	0.62	9.70	1.55	AMP
				311.57	150.20	233.21	31.04	259.05	24.50	31.31	96.05	PHASE
304	21.14	64.23	596	19.01	9.00	13.09	20.05	2.01	0.39	6.51	3.64	AMP
				330.49	154.20	244.07	30.73	265.91	301.52	02.64	116.75	PHASE
305	21.31	04.30	595	27.07	11.26	20.15	25.54	3.51	12.31	4.54	4.94	AMP
				330.33	157.74	252.55	42.30	204.09	279.45	05.01	132.01	PHASE
306	20.40	106.90	593	37.03	14.68	20.91	31.11	5.93	12.34	6.41	6.29	AMP
				346.41	160.07	260.07	44.30	200.03	279.58	64.90	139.04	PHASE
310	24.37	44.94	590	16.70	5.27	4.75	9.24	5.09	7.90	8.31	4.46	AMP
				274.50	119.35	291.12	60.29	70.70	204.29	09.94	223.07	PHASE
311	22.02	50.90	589	21.61	7.92	7.73	10.39	2.71	5.02	10.59	6.10	AMP
				200.93	119.44	204.95	49.77	48.03	21.59	79.03	202.12	PHASE
312	21.31	65.71	589	26.70	11.50	9.79	15.09	4.46	9.15	14.23	5.46	AMP
				304.17	124.49	205.09	54.32	16.92	107.99	93.03	217.21	PHASE
313	19.73	73.10	589	34.01	14.09	13.23	17.30	5.06	8.44	10.67	5.23	AMP
				314.39	126.30	273.65	47.06	341.69	175.19	111.02	100.90	PHASE
314	10.09	05.10	590	41.36	10.53	10.24	19.57	5.64	21.19	23.32	6.43	AMP
				323.09	129.05	269.09	39.76	300.90	196.33	125.33	150.64	PHASE
315	17.41	90.91	589	44.26	20.00	21.05	18.91	0.27	27.22	23.72	7.40	AMP
				327.99	133.24	265.77	32.59	290.97	204.03	131.04	139.26	PHASE
316	16.01	117.03	592	48.52	21.07	25.93	17.77	13.03	35.51	22.55	9.13	AMP
				332.13	134.22	260.62	9.02	200.94	207.98	140.73	112.35	PHASE
318	21.15	35.09	589	10.41	3.53	3.23	8.90	2.45	9.09	0.21	1.72	AMP
				272.00	122.15	200.13	49.43	53.17	21.91	41.17	101.01	PHASE
319	21.11	50.02	590	14.27	5.93	5.03	10.75	2.52	10.42	10.35	2.00	AMP
				297.10	123.30	200.62	61.70	20.65	66.90	70.50	210.21	PHASE
320	20.96	55.62	589	20.71	9.16	8.07	15.70	4.61	10.35	15.09	2.43	AMP
				311.95	129.67	259.41	41.76	346.00	01.67	69.73	150.61	PHASE
321	20.48	63.01	590	27.77	11.04	13.30	20.75	5.40	2.06	14.14	4.13	AMP
				325.49	142.39	267.46	55.00	10.95	102.06	112.19	172.40	PHASE
322	19.47	79.07	589	35.46	13.67	19.50	24.00	4.12	2.00	13.39	5.01	AMP
				327.43	135.62	255.03	36.61	339.15	267.66	00.31	134.53	PHASE
323	10.72	07.51	590	39.39	15.33	22.65	26.60	3.74	2.09	13.23	6.05	AMP
				331.77	143.04	263.16	42.54	338.98	270.55	101.99	144.99	PHASE

TABLE VII.- Continued

(e) Continued

PT NO	TORSION $\frac{S}{R}$ PERCENT RADIUS											
	RUN NO 12		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
302	2.92	7.56	596	5.98 341.53	.24 138.49	.43 313.34	1.12 264.54	1.60 317.52	.28 42.44	.25 316.34	.12 109.21	AMP PHASE
303	1.71	7.73	595	6.23 343.85	.23 200.07	.35 303.80	1.00 256.70	1.55 306.74	.26 9.83	.24 279.03	.04 96.85	AMP PHASE
304	.16	8.48	596	6.85 351.50	.44 212.35	.30 278.16	1.28 263.36	1.61 309.15	.19 13.12	.39 268.25	.13 45.99	AMP PHASE
305	-1.35	9.58	595	7.52 357.05	.68 206.47	.53 248.67	1.52 268.09	1.70 322.03	.26 56.93	.46 257.44	.25 35.65	AMP PHASE
306	-3.25	11.51	593	8.55 304	.99 193.83	.79 235.62	1.80 277.51	2.00 342.61	.55 77.82	.37 244.69	.20 359.57	AMP PHASE
310	4.60	8.92	590	6.56 338.10	1.36 140.78	.22 14.50	1.10 309.68	1.24 10.12	.54 90.55	.15 321.45	.29 121.20	AMP PHASE
311	3.04	8.98	589	6.85 341.56	1.28 144.37	.20 15.25	1.10 296.77	1.32 355.62	.54 98.54	.27 302.04	.37 104.80	AMP PHASE
312	1.39	9.39	589	7.25 348.82	1.21 147.54	.11 97.25	1.13 290.05	1.26 357.91	.33 117.67	.25 296.66	.30 111.15	AMP PHASE
313	-.33	9.89	589	7.98 351.85	.93 141.55	.22 35.91	1.10 292.00	1.35 350.50	.31 51.44	.37 321.40	.44 86.50	AMP PHASE
314	-2.27	11.27	590	9.24 354.05	.62 106.17	.57 12.22	1.47 309.50	2.01 357.33	.91 34.01	.33 346.19	.62 58.20	AMP PHASE
315	-3.29	11.95	589	9.97 354.27	.63 73.09	.77 10.62	1.60 317.95	2.32 5.04	1.10 41.35	.19 37.33	.57 55.03	AMP PHASE
316	-4.66	13.24	592	11.00 353.00	1.14 39.00	1.19 14.46	1.45 322.30	2.35 7.95	1.48 47.50	.57 110.39	.44 77.29	AMP PHASE
318	3.99	7.65	589	5.92 335.00	.83 123.83	.42 332.65	1.05 285.61	1.36 338.06	.39 00.43	.16 317.19	.18 141.82	AMP PHASE
319	2.60	7.94	590	6.29 345.63	.65 146.93	.37 347.98	1.02 301.24	1.47 3.34	.36 102.36	.24 351.09	.14 165.05	AMP PHASE
320	1.00	8.57	589	6.77 347.73	.60 157.24	.23 304.87	1.12 277.70	1.45 340.00	.23 58.65	.24 289.94	.23 192.26	AMP PHASE
321	-.55	9.23	590	7.34 356.19	.67 172.91	.22 261.66	1.22 287.21	1.43 349.17	.18 67.71	.38 298.83	.10 82.06	AMP PHASE
322	-2.11	10.07	589	7.93 356.48	.78 161.72	.34 223.56	1.33 267.29	1.52 329.11	.25 59.27	.46 257.71	.23 19.85	AMP PHASE
323	-2.98	10.99	590	8.42 359.77	.90 160.30	.49 214.54	1.43 273.67	1.65 341.61	.32 73.71	.43 262.26	.23 28.30	AMP PHASE

TABLE VII.- Continued

(e) Continued

FLAPWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	- .32	27.02	596	18.01	7.33	5.36	2.76	6.16	.19	.98	.98	AMP
				138.24	328.92	320.22	173.53	228.91	209.86	219.88	52.86	PHASE
303	1.40	28.06	595	18.43	7.43	6.07	2.77	5.96	.25	.87	.54	AMP
				137.43	323.38	321.05	168.78	215.69	223.89	197.13	338.25	PHASE
304	3.17	30.48	596	19.73	8.45	7.17	2.96	6.31	.29	.83	1.22	AMP
				141.58	324.58	336.26	155.42	224.77	290.27	212.91	331.48	PHASE
305	4.71	32.91	595	21.02	9.68	8.16	3.16	6.57	.33	.51	1.61	AMP
				144.14	325.13	347.05	158.97	232.71	309.98	208.58	343.55	PHASE
306	6.35	38.18	593	22.73	11.48	9.78	3.15	6.93	.72	.37	1.92	AMP
				147.78	323.83	354.78	148.58	241.34	314.95	216.38	327.93	PHASE
310	-4.43	32.21	598	19.78	8.53	6.51	2.46	3.58	1.65	1.63	4.94	AMP
				137.45	331.12	346.73	166.75	294.36	12.49	242.28	88.47	PHASE
311	-2.05	35.38	589	28.66	9.61	7.28	2.31	4.17	1.49	1.67	5.45	AMP
				138.64	326.19	345.92	155.71	288.85	4.74	232.31	65.91	PHASE
312	-1.31	37.88	589	21.49	18.54	8.61	2.38	4.81	1.12	1.41	4.24	AMP
				143.28	325.42	350.65	157.43	282.63	356.72	235.78	66.93	PHASE
313	.32	38.82	589	22.46	11.58	8.91	2.28	4.36	1.48	1.67	3.53	AMP
				144.68	322.13	344.91	143.56	273.48	317.48	239.56	58.82	PHASE
314	1.71	41.41	598	23.62	13.42	18.87	2.29	5.22	1.86	1.25	3.59	AMP
				146.45	319.49	348.69	136.31	271.88	298.72	224.98	38.54	PHASE
315	2.33	41.86	589	24.85	14.38	18.48	2.88	5.94	2.12	1.85	3.29	AMP
				147.26	318.49	338.44	128.51	272.88	295.27	211.73	14.59	PHASE
316	3.89	42.39	592	24.52	15.38	18.22	2.87	5.79	2.32	1.16	3.86	AMP
				146.71	315.48	338.84	188.92	267.18	284.84	183.75	348.45	PHASE
318	-3.11	26.85	589	17.92	7.64	5.25	2.47	5.22	1.39	1.48	2.86	AMP
				135.62	328.84	321.75	188.58	251.25	309.89	228.89	72.88	PHASE
319	-1.38	28.92	598	18.93	8.41	6.18	2.47	5.38	.32	1.19	1.79	AMP
				142.23	335.76	348.42	189.84	275.18	334.18	259.26	98.16	PHASE
320	.23	38.71	589	19.94	9.48	7.33	2.48	5.36	.41	1.12	1.82	AMP
				141.31	325.58	336.23	168.46	253.83	382.46	223.73	25.96	PHASE
321	1.88	34.18	598	21.22	18.68	8.47	2.48	5.43	.62	1.13	1.92	AMP
				146.59	329.29	349.48	172.29	266.72	383.83	251.92	24.35	PHASE
322	3.58	36.79	589	22.29	11.66	9.21	2.21	6.18	.72	.91	2.61	AMP
				147.91	317.66	337.39	142.72	244.88	278.21	253.77	339.26	PHASE
323	4.19	39.87	598	23.13	12.47	9.88	2.18	6.68	.96	.66	2.77	AMP
				146.15	319.62	344.84	144.19	252.88	273.12	266.85	347.11	PHASE

CHORDWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	12.97	24.86	596	6.45	3.16	4.82	3.47	4.64	8.86	2.38	.88	AMP
				155.31	328.26	317.71	56.58	236.37	22.23	14.43	187.57	PHASE
303	13.66	22.91	595	5.32	2.82	5.48	4.92	5.58	3.85	3.51	3.51	AMP
				155.84	328.68	385.45	48.68	228.25	7.65	27.34	68.48	PHASE
304	14.86	26.88	596	3.48	2.98	7.16	7.52	5.67	4.86	2.47	1.96	AMP
				158.76	321.48	311.59	48.25	226.95	291.89	85.76	86.12	PHASE
305	16.39	36.54	595	1.83	3.44	8.84	9.69	6.17	5.87	1.68	1.38	AMP
				167.76	328.11	314.82	51.62	221.23	273.95	88.51	183.89	PHASE
306	17.72	41.24	593	.66	4.21	11.87	12.26	7.29	6.22	2.17	1.23	AMP
				312.71	315.84	316.87	52.36	224.98	275.88	56.94	128.27	PHASE
310	11.81	25.58	598	7.94	3.68	5.39	3.22	1.58	2.13	2.41	2.14	AMP
				168.44	339.46	339.34	82.74	325.11	213.49	89.93	187.44	PHASE
311	11.59	28.23	589	6.85	3.86	6.61	3.88	2.61	3.23	3.32	2.53	AMP
				175.61	337.96	333.44	68.18	286.54	1.18	75.18	182.58	PHASE
312	12.23	27.93	589	5.63	3.67	8.81	5.63	3.38	2.69	4.98	1.23	AMP
				187.96	345.18	336.49	67.25	297.21	82.99	87.49	185.91	PHASE
313	12.78	34.63	589	4.11	4.18	8.86	6.99	4.29	2.63	6.98	1.36	AMP
				289.86	347.18	327.79	58.17	285.45	198.46	111.23	111.28	PHASE
314	12.78	44.98	598	3.78	4.81	11.13	8.85	5.79	8.56	9.33	1.72	AMP
				247.44	338.54	328.85	48.93	278.18	285.18	125.38	186.65	PHASE
315	12.67	46.14	589	3.88	4.88	12.89	7.84	7.56	11.82	9.83	2.87	AMP
				261.56	332.88	314.62	48.26	272.93	211.31	129.85	99.64	PHASE
316	12.94	54.24	592	4.14	5.11	13.28	7.45	9.88	14.51	9.72	2.79	AMP
				278.35	323.53	383.87	18.18	271.58	212.58	137.76	76.15	PHASE
318	7.29	22.58	589	7.58	3.48	4.56	2.48	3.81	3.92	2.48	1.38	AMP
				158.19	334.92	323.54	68.87	255.83	7.82	32.12	188.85	PHASE
319	7.88	23.73	598	6.45	3.68	5.55	3.41	6.67	6.97	1.58	1.48	AMP
				168.15	348.84	337.62	76.91	283.77	55.89	61.26	153.36	PHASE
320	9.38	26.84	589	4.74	3.58	6.52	5.39	4.28	3.44	5.56	.65	AMP
				172.98	341.18	325.88	52.91	268.53	69.64	65.97	117.94	PHASE
321	18.79	28.71	598	3.13	3.61	8.19	7.61	4.86	.28	5.33	.84	AMP
				192.55	342.50	331.88	63.27	283.87	341.15	118.24	119.89	PHASE
322	11.81	38.45	569	1.97	3.96	9.88	9.35	4.69	2.38	4.92	.92	AMP
				224.28	328.35	312.89	42.93	251.65	259.28	83.69	86.53	PHASE
323	12.84	34.37	598	1.94	4.89	11.23	10.43	5.24	2.66	4.92	.81	AMP
				258.88	325.56	317.16	47.73	256.22	265.58	97.14	183.63	PHASE

TABLE VII.- Continued

(e) Concluded

TORSION 75 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	-2.22	5.13	596	3.52	.76	.21	.75	.79	.16	.09	.08	AMP
				331.83	132.84	207.95	293.59	320.62	15.99	358.38	282.76	PHASE
303	-1.26	5.37	595	3.71	.69	.28	.69	.80	.18	.11	.07	AMP
				335.46	147.60	181.97	287.28	309.43	354.23	332.79	282.33	PHASE
304	-2.62	6.25	596	4.21	.89	.50	.87	.87	.22	.09	.06	AMP
				345.79	167.33	180.96	286.91	312.48	359.84	338.38	359.41	PHASE
305	-3.91	7.21	595	4.73	1.17	.81	.89	1.01	.30	.06	.10	AMP
				353.08	175.51	189.22	282.38	323.19	28.32	195.59	323.79	PHASE
306	-5.48	8.69	593	5.53	1.54	1.07	.98	1.24	.53	.18	.10	AMP
				1.19	175.28	189.50	286.49	336.63	56.31	158.29	318.55	PHASE
310	1.77	6.87	590	4.17	1.66	.17	.75	.78	.21	.32	.40	AMP
				325.20	126.41	181.83	331.99	8.13	122.98	69.47	242.37	PHASE
311	.55	6.71	589	4.38	1.63	.26	.74	.76	.19	.23	.43	AMP
				330.01	131.62	189.32	323.64	356.56	118.01	63.03	230.37	PHASE
312	-.78	6.83	589	4.61	1.62	.42	.67	.72	.17	.17	.31	AMP
				340.82	139.79	184.55	323.71	350.25	123.73	52.68	224.92	PHASE
313	-2.84	7.13	589	4.98	1.60	.43	.71	.85	.13	.35	.11	AMP
				347.19	146.19	175.12	319.16	339.64	46.31	22.29	236.87	PHASE
314	-3.45	8.35	590	5.70	1.43	.27	.96	1.21	.50	.42	.05	AMP
				351.54	150.37	152.73	334.14	350.09	34.14	30.12	219.68	PHASE
315	-4.17	8.66	589	6.00	1.33	.25	1.01	1.34	.61	.41	.05	AMP
				352.75	152.14	120.55	342.00	358.00	39.72	36.23	247.02	PHASE
316	-5.13	9.02	592	6.68	1.13	.46	.89	1.24	.64	.32	.24	AMP
				352.64	149.49	70.11	352.22	1.21	44.45	34.25	257.18	PHASE
318	1.55	5.00	589	3.65	1.21	.05	.75	.78	.15	.25	.17	AMP
				322.20	120.18	199.91	309.84	342.64	64.52	64.97	255.62	PHASE
319	.31	5.77	590	3.87	1.09	.12	.74	.75	.16	.13	.10	AMP
				331.97	139.84	202.00	331.53	5.34	98.39	83.47	307.37	PHASE
320	-.90	6.10	589	4.22	1.09	.31	.71	.79	.12	.15	.05	AMP
				339.84	144.33	183.93	312.09	337.32	57.90	20.28	311.47	PHASE
321	-2.32	7.12	590	4.65	1.22	.53	.72	.83	.13	.16	.03	AMP
				350.75	160.98	187.21	310.56	342.57	55.02	37.64	43.89	PHASE
322	-3.62	7.65	589	5.09	1.37	.70	.73	.80	.22	.09	.09	AMP
				352.69	156.37	173.68	292.24	323.73	33.58	43.79	1.24	PHASE
323	-4.34	8.20	590	5.42	1.51	.91	.74	.95	.30	.05	.09	AMP
				355.66	160.05	177.55	297.20	334.21	44.57	67.36	14.48	PHASE

PITCH LINK												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	-.96	8.13	596	2.81	1.40	2.18	1.22	2.36	.34	.24	.33	AMP
				160.14	80.06	147.50	85.02	152.23	201.10	75.47	274.28	PHASE
303	.16	8.13	595	3.23	1.75	2.13	1.32	2.36	.33	.23	.01	AMP
				180.07	75.74	139.46	74.66	139.60	160.09	13.38	115.00	PHASE
304	1.47	9.45	596	3.97	2.00	2.22	1.47	2.53	.35	.53	.14	AMP
				194.49	79.18	140.23	78.58	145.91	154.01	22.78	93.62	PHASE
305	2.71	10.52	595	5.24	2.16	2.20	1.84	2.57	.23	.42	.11	AMP
				200.01	76.43	130.01	89.60	156.84	217.20	17.51	220.23	PHASE
306	4.17	11.95	593	6.86	2.17	2.25	2.41	2.89	.44	.40	.30	AMP
				203.75	74.15	120.58	100.00	174.97	251.29	3.26	151.47	PHASE
310	-4.92	9.93	590	5.52	1.81	1.84	1.58	1.67	.67	.73	1.24	AMP
				173.29	359.68	167.30	130.65	205.79	260.23	40.96	257.86	PHASE
311	-3.60	10.48	589	5.67	1.84	1.24	1.64	1.89	.69	.69	1.47	AMP
				178.61	12.97	164.11	125.66	192.21	270.60	45.49	243.35	PHASE
312	-2.21	10.02	589	6.28	1.86	1.16	1.75	1.92	.35	.56	1.03	AMP
				185.90	20.03	172.23	110.95	190.10	290.40	47.60	241.30	PHASE
313	-.64	12.30	589	7.10	.82	1.55	1.81	2.02	.42	.41	.80	AMP
				189.39	26.61	160.59	112.50	186.40	207.12	40.80	220.13	PHASE
314	1.04	14.52	590	8.64	.53	2.45	2.10	2.72	2.10	.24	1.06	AMP
				191.41	57.38	156.38	116.35	185.61	209.50	339.95	210.52	PHASE
315	1.91	15.47	589	9.48	.53	2.79	2.19	3.01	1.39	.57	1.50	AMP
				192.09	100.19	153.67	119.71	189.37	217.56	316.72	202.99	PHASE
316	3.25	10.09	592	11.04	.85	3.31	2.04	3.05	1.70	1.36	.96	AMP
				190.50	151.64	151.86	111.44	185.82	229.55	316.59	204.78	PHASE
318	-4.04	7.98	589	3.52	.74	1.82	1.16	1.90	.41	.54	.40	AMP
				167.92	53.97	149.12	112.41	173.27	240.73	60.60	260.14	PHASE
319	-2.87	8.10	590	3.95	.97	1.93	1.25	2.14	.43	.39	.36	AMP
				181.87	73.47	165.50	123.94	197.14	250.06	104.90	310.44	PHASE
320	-1.56	9.49	589	4.45	1.18	1.85	1.57	2.15	.40	.41	.00	AMP
				187.20	65.87	149.95	99.34	178.48	196.72	41.06	63.50	PHASE
321	-.21	10.00	590	5.36	1.33	1.90	1.69	2.17	.30	.60	.10	AMP
				196.52	70.70	153.66	105.64	180.60	201.29	62.57	146.06	PHASE
322	1.06	12.38	589	6.56	1.37	1.99	1.85	2.33	.42	.49	.17	AMP
				197.39	57.20	129.39	85.49	163.95	185.10	49.00	140.78	PHASE
323	1.76	12.62	590	7.25	1.49	1.98	1.98	2.40	.39	.25	.25	AMP
				200.73	57.07	127.42	92.02	174.89	203.97	30.99	157.86	PHASE

TABLE VII.- Continued

(f) $\mu = 0.40$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CO/SIGMA	CU/SIGMA
324	-1.1	5.1	0.0	.03263	.00160	.00159
325	-1.3	6.7	2.0	.04253	.00136	.00183
326	-1.7	8.0	4.0	.05339	.00108	.00220
327	-2.3	9.1	6.0	.06296	.00062	.00276
328	-2.3	10.0	7.9	.07393	.00072	.00327
329	-3.0	11.4	10.1	.08395	.00028	.00447
330	-1.0	5.3	2.0	.02153	.00000	.00231
331	-1.3	6.4	4.0	.03351	.00126	.00280
332	-1.7	8.0	6.0	.04272	.00245	.00345
334	-1.9	8.9	7.9	.05429	.00354	.00399
335	-2.4	10.1	9.9	.06390	.00484	.00464
336	-2.8	10.7	10.9	.06934	.00573	.00528
371	-.9	6.8	6.0	.02185	.00210	.00301
372	-1.4	7.7	8.0	.03353	.00416	.00395
373	-2.1	9.1	10.0	.04323	.00618	.00492
374	-2.6	10.0	11.9	.05388	.00854	.00598
375	-2.9	11.3	14.1	.06445	.01051	.00734
376	-.6	7.0	8.0	.01246	.00058	.00259
377	-1.4	7.8	10.0	.02307	.00360	.00393
378	-1.6	9.2	12.0	.03455	.00707	.00528
379	-2.2	9.9	14.0	.04531	.01021	.00674
380	-2.9	11.3	16.0	.05520	.01369	.00833

TABLE VII.- Continued

(f) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	47.17	21.97	618	7.29	6.47	3.89	2.53	6.29	1.39	3.83	3.75 AMP
				144.78	313.26	18.18	335.56	95.84	341.80	232.99	77.28 PHASE
325	48.38	23.85	618	8.31	7.21	4.87	2.61	6.92	1.21	3.31	4.85 AMP
				143.95	314.24	21.91	332.39	96.60	357.83	227.64	66.65 PHASE
326	49.61	23.45	618	8.94	7.66	5.77	3.84	6.72	1.83	2.67	3.58 AMP
				142.17	318.61	24.69	336.47	102.69	357.89	237.92	77.44 PHASE
327	50.59	23.33	618	9.31	8.11	6.26	3.17	6.65	1.11	2.22	3.09 AMP
				133.64	308.63	7.21	387.98	76.88	331.98	199.50	38.73 PHASE
328	51.36	24.35	619	9.73	8.95	6.67	3.91	6.78	.90	1.86	2.38 AMP
				131.40	319.44	7.06	384.21	95.68	3.97	281.50	58.29 PHASE
329	52.39	24.11	618	10.17	9.75	7.08	4.64	6.43	1.88	1.96	.85 AMP
				121.73	319.98	352.21	285.58	98.71	5.61	174.41	347.95 PHASE
330	47.57	21.82	619	6.58	5.74	3.29	1.38	7.25	1.92	2.36	1.75 AMP
				148.44	314.93	348.47	346.81	69.53	336.27	241.43	55.55 PHASE
331	48.93	21.51	619	7.05	6.38	4.46	1.87	6.86	1.78	2.38	1.91 AMP
				145.92	316.25	2.78	348.81	73.17	341.41	245.10	42.11 PHASE
332	50.87	21.55	619	7.77	6.87	5.75	2.63	6.88	1.52	2.84	1.64 AMP
				142.02	315.51	4.89	332.54	71.41	338.43	236.58	48.84 PHASE
334	51.19	21.35	619	8.19	7.27	6.41	3.81	7.34	1.63	1.98	1.35 AMP
				139.17	316.56	8.82	331.47	75.78	346.11	245.15	21.65 PHASE
335	52.31	22.78	620	8.93	7.64	7.03	3.69	7.82	1.67	1.63	2.63 AMP
				138.32	311.32	357.81	318.41	61.22	332.94	234.27	344.79 PHASE
336	52.83	23.74	619	9.21	7.63	7.17	3.89	7.75	1.63	1.48	1.45 AMP
				127.47	312.37	356.67	318.67	62.37	338.48	233.68	336.58 PHASE
371	48.74	19.88	621	6.28	5.47	4.83	1.68	6.58	1.23	1.77	1.34 AMP
				146.52	305.34	337.44	348.48	38.88	327.35	288.25	358.88 PHASE
372	50.82	18.84	620	6.55	5.79	5.03	2.48	6.83	1.24	1.46	.96 AMP
				142.82	308.48	358.18	333.27	48.86	324.88	225.19	23.78 PHASE
373	51.29	18.98	620	7.88	6.23	5.65	2.88	6.99	1.88	1.56	1.81 AMP
				138.89	316.15	2.16	348.11	54.73	342.83	239.57	16.99 PHASE
374	52.49	19.85	619	7.82	6.45	5.99	3.52	7.38	.95	1.38	1.27 AMP
				132.31	321.31	7.97	348.89	65.81	352.62	248.84	5.24 PHASE
375	53.72	22.63	619	8.87	6.82	6.31	4.58	7.49	.78	1.89	1.14 AMP
				121.83	317.78	355.33	319.89	56.28	387.81	228.89	326.88 PHASE
376	48.79	16.22	620	5.35	5.85	3.92	1.23	4.38	.58	.81	.99 AMP
				151.98	387.47	331.58	4.15	53.14	1.74	214.11	356.82 PHASE
377	50.86	15.68	620	5.53	5.22	4.41	1.93	4.65	.55	.85	.73 AMP
				145.61	311.36	347.85	353.21	54.83	353.14	234.29	38.33 PHASE
378	51.51	15.59	620	6.24	5.55	4.63	2.57	5.38	.78	.88	.67 AMP
				133.92	318.19	347.61	336.29	41.27	346.75	211.68	327.85 PHASE
379	52.86	17.39	620	6.92	5.71	4.81	3.45	5.94	.88	.82	.45 AMP
				121.59	385.84	341.48	318.31	38.88	328.88	185.38	273.32 PHASE
380	54.25	20.81	619	8.17	5.52	4.84	4.39	6.58	.24	.76	.76 AMP
				113.63	315.81	353.69	327.28	51.13	12.23	281.27	295.99 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	44.52	49.81	618	22.88	8.34	7.46	7.88	5.24	3.84	2.46	2.34 AMP
				278.24	116.36	255.49	66.83	31.41	127.78	55.13	138.88 PHASE
325	43.59	49.14	618	28.75	13.84	18.82	7.25	6.35	6.83	2.35	2.82 AMP
				291.77	123.76	255.57	73.25	349.73	326.66	82.83	138.56 PHASE
326	42.64	78.32	618	37.58	17.87	12.66	18.53	9.48	7.47	3.88	3.11 AMP
				311.14	128.83	251.18	58.89	355.42	67.81	111.21	153.71 PHASE
327	42.22	85.32	618	45.69	22.54	17.35	12.25	18.21	7.81	5.69	3.62 AMP
				328.82	127.41	232.96	38.78	339.45	98.36	87.84	118.33 PHASE
328	41.82	189.47	619	57.75	27.87	23.28	13.72	18.84	14.32	7.65	4.89 AMP
				338.28	135.17	242.23	49.71	351.74	163.95	126.71	138.81 PHASE
329	42.16	133.88	618	78.43	29.84	31.34	11.51	18.18	22.11	8.64	4.17 AMP
				346.14	139.89	241.81	14.63	318.47	191.26	134.18	183.58 PHASE
330	44.92	39.77	619	15.25	6.84	5.65	7.68	3.41	5.48	2.36	.91 AMP
				268.48	123.61	249.25	62.14	14.93	328.69	16.48	121.77 PHASE
331	45.18	51.86	619	19.88	9.52	8.82	18.36	11.93	13.66	2.66	1.83 AMP
				294.87	127.93	242.76	61.87	345.51	352.58	19.16	134.32 PHASE
332	45.74	61.17	619	28.25	14.54	13.55	14.88	14.79	18.88	3.98	1.26 AMP
				314.56	138.77	227.27	46.92	337.92	38.41	29.34	126.68 PHASE
334	45.93	76.85	619	39.15	19.37	21.68	18.83	12.58	4.31	3.88	2.83 AMP
				334.47	139.58	231.41	48.95	338.57	36.88	54.91	128.16 PHASE
335	46.15	95.92	620	49.88	23.86	29.33	28.68	18.65	2.63	3.55	2.33 AMP
				339.78	137.79	226.91	37.17	321.17	29.82	51.89	188.89 PHASE
336	45.96	182.38	619	54.65	25.21	33.55	21.49	18.49	3.85	3.75	2.53 AMP
				342.37	139.18	228.58	36.79	321.63	28.22	57.93	181.15 PHASE
371	48.98	42.68	621	13.89	6.29	8.83	8.69	5.51	17.18	2.29	.83 AMP
				287.16	145.32	211.58	48.46	285.31	297.82	316.57	78.98 PHASE
372	50.99	48.98	620	21.89	18.95	16.95	11.93	6.17	8.81	3.88	.99 AMP
				323.56	149.88	285.99	37.11	293.34	341.15	353.32	79.73 PHASE
373	52.66	69.78	628	31.36	14.78	22.33	14.97	4.68	3.28	2.68	1.53 AMP
				342.59	152.28	221.49	48.35	294.46	298.39	24.68	91.68 PHASE
374	54.88	183.59	619	43.92	18.82	31.26	18.31	4.39	4.88	2.69	1.98 AMP
				354.21	155.93	234.38	52.66	278.29	294.83	46.62	111.81 PHASE
375	55.84	126.91	619	61.14	21.84	41.94	22.86	6.14	5.28	4.47	2.67 AMP
				356.95	153.98	229.47	37.87	243.79	326.39	31.66	91.39 PHASE
376	46.85	35.32	628	8.73	3.33	6.95	7.27	2.38	12.97	1.39	.58 AMP
				264.31	196.16	195.87	57.81	187.38	329.11	335.24	66.28 PHASE
377	49.99	48.84	628	13.56	6.78	12.38	9.18	3.67	18.78	2.28	5.4 AMP
				317.68	171.72	288.65	47.99	273.89	17.44	359.85	57.99 PHASE
378	52.47	66.87	628	26.83	18.83	28.96	13.83	4.38	2.66	1.28	1.83 AMP
				348.67	161.68	285.96	48.18	235.94	288.77	359.53	57.53 PHASE
379	55.15	99.42	628	41.69	14.31	38.58	16.19	6.58	8.28	1.84	1.13 AMP
				358.92	168.52	289.59	25.85	198.37	248.13	357.96	44.79 PHASE
380	57.68	123.51	619	59.94	17.25	39.89	17.48	11.78	9.89	3.24	1.73 AMP
				5.91	178.89	228.62	33.23	199.47	275.65	24.62	84.91 PHASE

TABLE VII.- Continued

(f) Continued

TORSION 20 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	10.21	12.52	618	7.64	1.61	1.88	2.88	1.97	.63	.65	.78
				334.33	138.55	18.72	388.31	18.51	83.66	278.36	71.42
325	8.38	13.28	618	7.81	1.37	1.23	2.11	1.86	.78	.98	.79
				341.12	145.18	18.39	298.15	6.28	93.11	278.79	78.96
326	6.38	13.45	618	8.32	1.33	1.16	2.25	2.83	.52	.72	.67
				358.82	148.94	19.57	292.89	15.81	118.59	286.86	81.84
327	4.23	13.96	618	9.24	1.81	1.27	2.38	2.15	.49	.45	.84
				351.45	131.85	357.24	276.32	352.95	46.45	264.82	46.74
328	1.76	16.77	619	11.29	88.55	2.28	2.88	3.19	1.53	.26	1.84
				359.55	88.55	359.47	382.33	22.69	58.49	132.84	86.85
329	-1.21	28.64	618	13.95	1.88	3.85	2.36	3.44	2.23	1.57	.98
				3.21	51.81	359.58	388.18	28.89	75.61	148.17	121.29
338	9.64	9.76	619	6.82	1.78	1.76	1.83	1.99	.44	.66	.18
				326.92	126.21	335.88	277.88	338.43	61.85	275.75	97.19
331	7.77	9.28	619	6.24	.39	1.55	1.59	1.79	.53	.88	.82
				337.66	148.52	342.88	277.44	353.28	76.19	288.13	184.69
332	6.85	9.71	619	6.63	.26	1.43	1.95	2.88	.34	.73	.15
				344.84	284.64	338.83	278.91	357.71	69.63	287.36	226.55
334	4.89	11.48	619	7.58	.42	1.33	2.15	2.85	.39	.83	.13
				355.33	191.84	337.28	278.83	6.25	47.59	288.36	262.63
335	2.19	12.23	628	8.56	.54	1.27	2.53	2.31	.46	.86	.16
				.25	178.91	313.83	264.46	355.96	46.72	261.18	284.24
336	1.25	13.12	619	9.19	.64	1.21	2.67	2.59	.54	.77	.25
				3.86	173.35	318.77	265.87	359.79	45.93	262.74	257.29
371	7.65	7.88	621	5.89	.47	1.97	1.24	1.89	.38	.88	.24
				327.77	278.28	328.76	257.88	388.69	35.65	246.38	94.33
372	5.79	8.28	628	5.73	.78	1.78	1.56	2.89	.21	.59	.27
				348.89	269.27	324.59	255.41	316.58	355.95	268.94	132.33
373	3.92	9.15	628	6.48	.88	1.87	1.86	1.99	.89	.85	.16
				352.29	269.75	323.35	278.57	333.38	34.19	267.21	92.67
374	2.85	18.96	619	7.56	.86	1.66	2.37	2.12	.18	.87	.16
				1.68	253.51	313.45	288.87	358.11	185.88	273.34	68.82
375	-.86	13.13	619	9.83	.98	1.88	3.87	2.74	.39	.56	.85
				5.88	226.84	289.21	278.38	348.65	65.68	268.51	298.39
376	6.95	7.18	628	3.62	1.24	2.23	.87	1.58	.42	.37	.13
				322.96	281.56	328.16	279.11	332.99	69.85	267.15	184.89
377	5.18	7.36	628	4.24	1.39	1.95	1.88	1.73	.24	.36	.23
				339.18	278.63	324.24	274.26	338.21	49.95	315.71	117.39
378	3.24	7.61	628	5.24	1.47	1.92	1.51	1.73	.27	.46	.11
				358.88	271.85	386.79	262.73	326.78	7.42	237.74	357.46
379	1.37	8.91	628	6.52	1.48	2.81	2.17	1.92	.13	.43	.88
				357.25	253.28	286.15	256.86	316.37	46.58	289.22	17.65
388	-.56	18.98	619	7.98	1.58	2.12	2.66	2.18	.28	.42	.14
				7.78	248.13	275.53	271.12	338.78	181.28	237.47	354.49

TABLE VII.- Continued

(f) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	32.00	21.81	618	11.58	7.58	5.26	2.32	3.18	.38	.37	1.20 AMP
325	32.95	24.09	618	138.34	317.16	16.93	322.18	185.81	352.76	303.08	247.07 PHASE
326	33.83	25.56	618	12.93	8.59	6.34	2.49	3.52	.33	.36	1.31 AMP
327	34.61	26.92	618	138.75	316.39	19.19	322.14	183.39	348.59	300.98	239.72 PHASE
328	35.12	28.98	619	13.99	9.55	7.50	2.66	3.22	.26	.43	1.23 AMP
329	36.04	30.68	618	139.63	318.15	21.68	327.71	118.49	1.83	303.40	249.63 PHASE
330	33.09	18.95	619	14.82	10.64	8.34	2.79	2.98	.28	.51	1.06 AMP
331	34.25	20.53	619	133.93	306.41	4.99	301.11	81.04	338.70	273.50	215.24 PHASE
332	35.27	22.38	619	15.95	12.22	8.71	3.15	2.94	.08	.71	1.03 AMP
333	36.12	24.07	619	136.10	313.56	7.66	297.31	104.34	211.45	279.09	234.97 PHASE
334	37.03	27.34	620	16.71	13.62	9.24	3.46	2.75	.26	.83	.50 AMP
335	37.44	28.11	619	131.86	312.07	358.56	279.75	97.92	193.45	268.21	205.36 PHASE
336	37.84	17.88	620	9.35	6.56	3.68	1.46	4.12	.60	.36	.73 AMP
337	37.99	23.00	619	135.13	322.50	3.85	316.18	72.84	337.99	262.19	216.89 PHASE
338	38.07	20.26	620	10.49	7.57	5.37	1.79	3.91	.76	.40	.75 AMP
339	38.97	25.80	619	136.04	320.35	12.65	323.02	75.52	324.03	266.80	205.35 PHASE
340	38.97	25.80	619	11.61	8.46	7.14	2.37	3.78	.70	.38	.64 AMP
341	35.94	12.94	620	135.25	316.61	12.38	323.78	73.07	322.78	287.90	210.04 PHASE
342	36.93	14.71	620	13.00	9.43	8.31	2.41	3.80	.51	.36	.66 AMP
343	37.03	27.34	620	136.28	315.37	16.86	323.38	77.90	323.31	265.80	188.72 PHASE
344	37.44	28.11	619	14.33	10.36	9.59	2.68	4.19	.45	.45	.72 AMP
345	37.84	17.31	620	131.67	307.78	7.34	308.20	61.02	313.76	242.70	156.42 PHASE
346	38.04	17.31	620	14.90	10.59	10.11	2.73	4.15	.38	.45	.68 AMP
347	38.07	20.26	620	131.19	303.17	7.42	310.86	61.86	311.98	241.90	150.03 PHASE
348	38.87	20.26	620	8.78	6.26	4.32	1.53	3.86	.59	.22	.49 AMP
349	38.87	20.26	620	131.77	314.27	349.47	320.16	48.11	293.92	275.91	160.67 PHASE
350	39.97	25.80	619	9.86	7.09	6.14	1.98	3.70	.36	.22	.43 AMP
351	39.97	25.80	619	132.08	312.99	359.06	322.57	42.84	292.22	257.37	176.00 PHASE
352	35.94	12.94	620	11.15	7.91	7.50	2.25	4.81	.31	.21	.47 AMP
353	35.94	12.94	620	135.21	319.39	12.27	305.44	55.59	275.43	283.68	185.54 PHASE
354	35.94	12.94	620	12.52	8.67	8.58	2.45	4.38	.58	.58	.58 AMP
355	35.94	12.94	620	136.75	320.98	20.64	341.73	65.56	259.48	273.75	189.36 PHASE
356	36.93	14.71	620	14.20	9.78	9.75	2.79	4.21	.55	.38	.60 AMP
357	36.93	14.71	620	132.50	313.76	11.63	326.99	55.13	200.23	257.76	158.92 PHASE
358	37.99	23.00	619	7.10	5.46	3.73	1.03	2.55	.35	.16	.40 AMP
359	37.99	23.00	619	133.38	320.29	341.38	335.47	54.33	262.78	262.64	174.17 PHASE
360	37.99	23.00	619	8.15	6.10	5.12	1.45	2.56	.25	.24	.26 AMP
361	37.99	23.00	619	134.70	319.49	357.96	338.64	59.17	270.50	289.56	194.55 PHASE
362	38.04	17.31	620	9.61	7.88	6.18	1.96	3.00	.29	.19	.24 AMP
363	38.04	17.31	620	131.86	313.55	1.52	335.88	42.17	209.26	228.73	142.84 PHASE
364	38.87	20.26	620	10.92	7.90	7.26	2.36	3.60	.26	.32	.22 AMP
365	38.87	20.26	620	129.72	305.09	359.61	326.48	29.42	171.00	246.66	121.40 PHASE
366	40.10	23.02	619	12.42	8.49	8.36	2.72	4.00	.55	.48	.31 AMP
367	40.10	23.02	619	131.44	312.68	15.43	336.07	51.60	174.85	280.27	151.75 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	21.96	47.24	618	19.15	6.51	6.07	10.53	6.94	3.91	4.35	3.68 AMP
325	20.72	48.11	618	273.24	116.46	275.80	57.88	38.33	139.41	53.03	182.07 PHASE
326	19.40	70.41	618	24.59	10.36	8.91	11.44	6.94	11.55	4.51	4.77 AMP
327	18.16	77.01	618	291.94	122.86	273.38	61.83	359.86	315.12	69.28	168.27 PHASE
328	16.91	99.99	619	31.91	14.35	10.75	16.04	10.36	10.78	5.94	5.03 AMP
329	15.92	132.46	618	308.63	127.82	276.77	57.97	.02	53.22	96.28	186.43 PHASE
330	21.50	36.67	619	38.65	18.49	14.40	17.88	11.54	9.52	8.77	4.00 AMP
331	21.22	53.69	619	315.91	127.23	259.92	40.60	331.47	95.66	81.68	130.70 PHASE
332	21.39	60.99	619	48.13	23.20	19.74	19.14	12.53	28.79	11.52	6.77 AMP
333	21.50	36.67	619	332.43	137.00	266.34	40.65	342.64	171.97	133.01	139.93 PHASE
334	21.22	53.69	619	57.41	26.36	27.22	17.20	16.22	34.91	13.97	6.92 AMP
335	19.96	89.99	620	340.25	144.74	262.68	17.97	314.67	196.02	142.60	105.59 PHASE
336	19.27	94.60	619	12.44	4.61	4.22	10.26	5.11	8.69	4.66	1.71 AMP
337	22.97	52.47	621	266.02	128.17	260.42	54.18	22.81	315.26	11.26	106.34 PHASE
338	23.90	47.58	620	16.88	7.54	6.44	13.60	13.60	21.24	5.37	2.00 AMP
339	24.58	63.78	620	293.00	130.02	262.48	53.64	347.94	346.00	20.36	140.02 PHASE
340	24.49	110.46	619	23.33	11.43	9.50	19.47	16.55	15.61	7.54	1.90 AMP
341	24.72	93.86	619	309.94	131.84	248.75	44.70	339.38	22.60	27.77	145.72 PHASE
342	24.49	110.46	619	31.87	15.30	15.52	23.88	14.20	6.74	5.49	3.10 AMP
343	24.49	110.46	619	327.63	140.35	251.49	47.88	340.03	21.90	54.78	137.76 PHASE
344	24.49	110.46	619	40.56	19.10	21.60	27.97	12.62	3.42	5.50	3.26 AMP
345	24.49	110.46	619	332.47	140.05	247.22	36.54	324.07	6.37	59.56	107.65 PHASE
346	24.49	110.46	619	44.47	20.35	25.13	29.49	12.60	5.17	5.45	3.79 AMP
347	24.49	110.46	619	334.97	141.66	248.11	36.49	325.39	15.22	71.18	105.67 PHASE
348	24.49	110.46	619	10.94	5.11	4.85	11.45	5.66	27.05	5.23	2.22 AMP
349	24.49	110.46	619	207.21	150.69	227.93	41.61	292.58	292.63	321.70	100.63 PHASE
350	24.49	110.46	619	16.95	8.63	9.16	15.74	6.25	13.19	5.00	1.75 AMP
351	24.49	110.46	619	319.31	147.07	222.56	34.97	302.16	335.29	352.47	109.73 PHASE
352	24.49	110.46	619	24.57	11.69	15.20	20.16	4.24	5.86	3.92	3.15 AMP
353	24.49	110.46	619	335.60	157.88	236.25	47.04	306.76	294.63	20.11	117.95 PHASE
354	24.49	110.46	619	33.93	14.33	22.49	25.03	2.96	8.36	2.00	3.06 AMP
355	24.49	110.46	619	345.71	160.15	240.34	51.89	277.64	267.45	49.81	132.53 PHASE
356	24.49	110.46	619	46.86	18.31	31.09	30.74	4.46	7.56	4.13	4.51 AMP
357	24.49	110.46	619	348.09	156.84	244.16	37.36	241.90	314.85	20.06	105.35 PHASE
358	24.49	110.46	619	6.97	3.77	3.77	9.22	2.17	20.05	3.09	1.36 AMP
359	24.49	110.46	619	265.77	219.77	194.31	49.11	179.00	304.69	325.67	110.53 PHASE
360	24.49	110.46	619	10.39	5.32	7.27	12.23	7.04	18.05	5.01	1.25 AMP
361	24.49	110.46	619	313.63	193.44	209.57	45.02	274.74	11.05	353.01	105.00 PHASE
362	24.49	110.46	619	19.94	8.73	13.55	18.14	4.40	4.22	1.93	2.14 AMP
363	24.49	110.46	619	341.72	177.40	216.90	38.26	233.56	260.24	9.52	80.39 PHASE
364	24.49	110.46	619	30.25	12.50	21.25	27.06	6.30	12.95	1.32	2.50 AMP
365	24.49	110.46	619	350.06	169.98	222.40	26.03	101.14	233.56	354.72	61.12 PHASE
366	24.49	110.46	619	43.12	15.66	20.87	24.72	11.91	14.19	2.94	3.25 AMP
367	24.49	110.46	619	357.95	176.54	241.40	36.11	107.51	267.16	352.66	94.12 PHASE

TABLE VII.- Continued

(f) Continued

TORSION 36 PERCENT RADIUS												
RUN NO		14										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	9.84	12.87	618	8.41 328.59	2.88 119.23	.42 356.93	1.73 266.86	1.76 326.48	.54 46.89	.38 249.85	.44 28.13	AMP PHASE
325	7.14	12.74	618	8.76 334.38	1.92 128.94	.58 356.76	1.76 264.23	1.73 322.53	.66 54.89	.63 235.27	.54 18.99	AMP PHASE
326	5.16	13.32	618	9.42 341.96	1.94 122.54	.35 24.27	1.92 259.85	1.83 331.75	.47 83.32	.49 253.77	.46 28.41	AMP PHASE
327	3.11	13.63	618	18.36 342.19	1.77 183.86	.31 359.66	1.99 245.29	1.89 389.74	.39 12.14	.31 247.11	.61 353.31	AMP PHASE
328	.74	15.87	619	12.31 349.18	1.83 83.96	.94 341.53	2.31 275.29	2.66 342.41	1.21 14.91	.27 41.15	.77 38.72	AMP PHASE
329	-2.85	17.82	618	14.74 351.85	2.51 55.55	1.58 347.94	1.98 279.83	2.77 358.88	1.78 29.64	1.16 98.32	.61 65.68	AMP PHASE
330	8.89	9.86	619	7.15 324.75	1.36 182.91	.95 388.32	1.69 244.44	1.88 295.41	.37 25.35	.44 241.78	.59 51.66	AMP PHASE
331	6.27	9.78	619	7.51 332.95	1.86 185.42	.68 313.88	1.42 244.69	1.62 388.77	.47 45.48	.64 249.11	.86 32.43	AMP PHASE
332	4.56	18.62	619	8.11 338.38	.88 111.31	.48 295.61	1.72 238.76	1.87 312.73	.36 45.97	.55 248.29	.85 158.34	AMP PHASE
334	2.66	11.67	619	9.83 346.69	1.88 118.15	.30 268.71	1.89 246.53	1.87 319.75	.31 38.89	.58 239.18	.84 264.77	AMP PHASE
335	.82	12.98	628	9.98 349.92	1.25 118.66	.65 222.83	2.19 234.88	2.85 318.36	.36 25.72	.58 217.26	.12 273.56	AMP PHASE
336	-.88	13.84	619	18.56 352.42	1.38 112.32	.69 215.89	2.32 235.89	2.26 315.82	.41 27.11	.52 219.19	.18 232.41	AMP PHASE
371	5.99	7.74	621	6.53 326.68	.31 81.35	.98 298.47	1.24 225.28	1.72 265.84	.25 .48	.58 288.55	.17 32.72	AMP PHASE
372	4.16	8.87	628	7.25 335.37	.17 122.44	.74 287.89	1.45 225.43	1.85 271.69	.15 337.89	.49 231.84	.17 73.19	AMP PHASE
373	2.36	9.94	628	8.82 345.86	.27 157.47	.79 278.26	1.84 239.68	1.84 288.64	.13 68.26	.66 228.88	.88 24.33	AMP PHASE
374	.57	11.32	619	9.82 352.35	.68 159.82	1.88 254.13	2.15 249.86	1.92 385.98	.23 82.88	.67 238.32	.14 345.36	AMP PHASE
375	-1.46	13.71	619	18.42 354.59	.94 158.97	1.37 231.85	2.72 239.25	2.41 384.34	.39 38.89	.46 228.86	.86 296.31	AMP PHASE
376	5.35	6.37	628	5.27 327.28	.34 283.96	1.24 289.88	.94 246.68	1.42 298.21	.35 22.81	.31 233.15	.11 27.83	AMP PHASE
377	3.65	6.77	628	5.98 337.83	.48 263.38	.99 288.91	1.87 243.94	1.56 294.74	.28 4.31	.35 271.89	.15 52.32	AMP PHASE
378	1.82	8.69	628	6.99 343.57	.54 244.84	1.85 265.47	1.45 231.11	1.56 282.73	.21 324.78	.38 193.66	.18 381.25	AMP PHASE
379	-.81	9.93	628	8.15 347.31	.67 213.26	1.38 238.21	1.89 222.93	1.73 271.68	.14 25.88	.35 178.94	.85 294.87	AMP PHASE
388	-1.91	12.33	619	9.48 356.33	1.84 193.97	1.71 228.24	2.36 238.84	1.97 294.73	.28 55.78	.28 282.87	.13 381.86	AMP PHASE

TABLE VII.- Continued

(f) Continued

FLAPWISE 51 PERCENT RADIUS

RUN NO 14

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	19.96	26.92	618	14.47	9.11	6.57	1.89	2.59	1.13	2.36	3.96	AMP
				128.95	316.83	18.61	323.77	268.67	169.89	44.88	251.81	PHASE
325	28.81	29.88	618	16.19	18.55	7.79	1.26	2.58	1.11	2.78	4.88	AMP
				138.58	315.81	17.89	329.19	262.34	173.93	41.76	242.41	PHASE
326	21.65	31.73	618	17.69	11.82	9.14	1.39	2.64	.81	2.19	3.73	AMP
				133.28	316.88	17.33	334.23	266.27	167.13	58.28	252.81	PHASE
327	22.29	32.98	618	18.84	13.31	18.37	1.59	2.72	.64	1.85	3.19	AMP
				128.72	385.36	1.88	318.48	248.38	144.12	7.67	215.81	PHASE
328	22.62	35.89	619	28.13	15.51	11.82	1.69	3.88	.53	1.68	2.28	AMP
				132.48	311.31	5.55	382.91	255.58	177.56	4.36	236.68	PHASE
329	23.82	37.29	618	28.99	17.66	11.78	1.72	3.86	.59	1.91	.98	AMP
				129.78	389.15	358.92	298.33	251.26	163.99	341.26	162.93	PHASE
338	21.43	21.89	619	11.88	8.19	4.59	1.19	2.11	1.22	1.87	1.57	AMP
				124.17	323.16	359.36	318.84	242.68	138.34	52.28	229.89	PHASE
331	22.38	23.83	619	13.21	9.55	6.61	1.58	2.18	1.13	1.77	1.69	AMP
				126.48	318.56	9.57	328.71	243.31	149.78	55.48	216.52	PHASE
332	23.29	25.75	619	14.72	18.72	8.77	1.69	2.38	.88	1.54	1.55	AMP
				126.91	314.93	18.81	321.77	248.89	134.97	46.39	222.87	PHASE
334	23.95	29.65	619	16.62	12.19	18.48	1.76	2.48	.98	1.47	1.31	AMP
				129.74	314.85	15.63	328.91	242.57	146.61	54.11	197.33	PHASE
335	24.79	33.17	628	18.31	13.52	12.13	1.82	2.47	1.85	1.18	1.65	AMP
				126.73	385.73	8.38	311.18	228.45	126.38	46.98	161.28	PHASE
336	25.15	35.81	619	19.85	13.89	12.84	1.74	2.54	.93	.93	1.54	AMP
				127.84	385.78	8.82	311.65	227.62	127.53	52.46	151.79	PHASE
371	23.38	18.64	621	11.85	7.87	5.48	1.29	1.44	.63	1.55	1.16	AMP
				121.11	313.15	346.49	287.58	221.67	133.49	19.99	174.25	PHASE
372	24.22	21.34	628	12.68	8.98	7.71	1.26	1.67	.68	1.89	.81	AMP
				123.99	311.84	355.72	292.83	219.95	128.74	35.59	285.82	PHASE
373	25.17	25.35	628	14.26	18.81	9.43	1.23	1.72	.63	1.24	.95	AMP
				128.59	314.32	18.97	386.48	237.24	154.28	51.16	192.85	PHASE
374	25.91	29.36	619	16.13	11.13	11.85	1.84	1.78	1.22	1.88	1.23	AMP
				131.47	315.97	28.13	318.37	247.72	161.34	63.86	179.64	PHASE
375	26.77	33.46	619	18.39	12.66	12.99	.81	1.92	.66	.75	1.22	AMP
				128.59	388.61	13.35	384.32	232.82	136.15	33.51	145.52	PHASE
376	25.22	15.61	628	8.95	6.98	4.49	1.27	1.85	.51	.68	.98	AMP
				122.11	318.23	337.98	285.49	235.66	162.71	31.17	165.64	PHASE
377	26.83	16.92	628	18.52	7.65	6.29	1.22	1.14	.58	.48	.72	AMP
				125.77	316.78	354.15	294.74	233.92	166.97	44.93	285.87	PHASE
378	27.82	21.98	628	12.48	9.71	7.71	1.22	1.22	1.22	.75	.72	AMP
				125.99	389.85	358.57	286.85	232.41	144.85	29.32	148.64	PHASE
379	27.75	25.17	628	14.29	9.72	9.35	.64	1.28	.46	.73	.53	AMP
				125.18	388.67	358.74	268.77	226.83	111.31	352.48	88.99	PHASE
388	28.79	29.16	619	16.38	18.37	11.11	.29	1.38	.43	.64	.85	AMP
				129.48	386.51	17.85	268.42	243.83	143.52	1.61	118.65	PHASE

CHORDWISE 51 PERCENT RADIUS

RUN NO 14

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	22.39	52.79	618	18.48	5.56	5.87	12.21	7.49	4.45	5.94	5.13	AMP
				277.81	128.76	296.38	57.96	36.87	151.29	54.46	197.42	PHASE
325	28.92	55.87	618	24.82	8.65	8.47	13.97	7.63	15.35	6.53	6.31	AMP
				282.89	125.55	292.23	61.13	1.18	313.86	68.99	182.77	PHASE
326	19.31	71.74	618	38.95	11.75	18.88	15.44	11.86	12.59	8.48	6.48	AMP
				387.11	129.61	297.65	58.68	.41	47.13	94.31	285.58	PHASE
327	17.88	82.92	618	37.37	15.36	13.95	21.87	11.79	9.58	11.35	5.46	AMP
				312.25	127.43	279.81	48.46	336.48	97.78	83.79	148.87	PHASE
328	15.96	188.47	619	45.48	28.88	19.47	23.13	13.34	24.33	14.26	7.44	AMP
				326.67	136.88	281.89	47.45	335.74	188.88	139.88	151.93	PHASE
329	14.96	131.85	618	51.88	24.13	27.58	22.11	19.31	42.54	17.32	8.58	AMP
				334.11	144.13	275.39	17.87	389.84	282.78	151.53	111.23	PHASE
338	28.51	48.71	619	11.88	4.88	3.88	11.88	5.25	18.67	6.29	2.55	AMP
				274.78	136.97	291.57	53.18	18.15	313.88	15.86	166.78	PHASE
331	28.28	68.98	619	16.57	6.42	5.81	16.12	15.83	26.24	7.44	2.98	AMP
				295.93	136.84	287.93	53.34	348.22	345.89	24.85	161.28	PHASE
332	28.19	77.99	619	22.78	9.49	7.95	22.95	17.83	18.79	18.24	2.21	AMP
				389.82	136.93	274.36	45.68	339.14	21.64	26.69	168.59	PHASE
334	19.48	74.65	619	38.41	12.85	13.47	28.85	14.97	7.99	7.45	3.86	AMP
				322.72	143.26	273.75	49.15	338.75	16.44	59.35	152.84	PHASE
335	18.39	91.51	628	37.96	16.24	19.47	33.15	13.15	3.88	7.48	4.87	AMP
				326.45	142.37	267.85	37.42	322.88	345.71	64.91	127.26	PHASE
336	17.59	93.66	619	41.58	17.36	22.82	31.16	13.17	5.73	7.39	4.88	AMP
				328.73	143.73	267.96	37.41	324.55	2.53	77.25	122.82	PHASE
371	22.83	61.33	621	18.67	4.68	3.85	13.59	6.38	34.82	7.24	3.14	AMP
				291.36	178.29	257.17	38.63	298.95	294.86	328.16	119.65	PHASE
372	22.96	53.88	628	16.58	7.47	7.88	19.88	6.58	16.45	7.62	2.42	AMP
				315.57	156.27	246.71	35.27	296.98	335.88	358.23	125.26	PHASE
373	23.18	65.63	628	23.24	18.23	4.23	28.18	4.41	.84	4.96	4.69	AMP
				329.88	164.14	257.11	46.15	297.25	294.18	33.72	131.88	PHASE
374	23.83	95.38	619	31.26	12.61	18.88	29.95	3.14	11.48	3.32	5.69	AMP
				338.99	164.63	267.71	54.18	265.85	286.89	53.47	149.36	PHASE
375	22.86	111.38	619	42.41	18.88	26.69	36.91	5.81	9.68	4.72	5.77	AMP
				348.86	161.37	261.78	39.59	229.14	389.58	27.31	124.58	PHASE
376	22.87	88.41	628	6.62	4.45	1.82	18.94	2.64	25.25	3.89	1.76	AMP
				272.87	231.85	217.82	45.86	192.37	386.33	329.12	127.41	PHASE
377	23.76	49.26	628	18.28	8.99	4.73	14.95	4.19	21.84	6.66	1.78	AMP
				311.58	284.75	235.43	45.41	266.62	12.49	356.73	116.58	PHASE
378	24.85	68.62	628	18.87	8.58	18.19	21.51	5.48	5.64	2.24	3.23	AMP
				335.61	188.71	237.52	39.17	229.84	279.94	28.73	94.85	PHASE
379	24.32	89.17	628	26.76	12.87	17.44	26.49	7.86	16.56	1.13	3.45	AMP
				343.82	178.81	239.88	27.76	178.78	235.28	355.83	78.33	PHASE
388	24.34	186.94	619	37.66	14.73	24.51	38.82	14.17	18.24	3.58	4.18	AMP
				381.25	184.34	257.64	39.11	185.89	268.81	348.13	186.41	PHASE

TABLE VII.- Continued

(f) Continued

PT NO	TORSION 5% PERCENT RADIUS											
	RUN NO	14	CHANNEL NO	9								SHUNT VOLTS
MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P		
324	4.67	9.66	618	7.88	1.61	.29	1.44	1.46	.56	.36	.15	AMP
325	3.84	18.89	618	336.68	133.68	16.92	292.41	351.34	82.97	325.84	88.79	PHASE
326	1.29	18.62	618	7.31	1.48	.31	1.44	1.45	.63	294.49	83.39	AMP
327	-5.58	18.98	618	342.47	139.31	15.16	289.26	347.46	91.21	294.78	83.39	PHASE
328	-2.61	12.38	619	7.82	1.45	.22	1.58	1.48	.46	313.54	97.75	AMP
329	-5.87	14.41	618	349.78	143.68	53.78	285.29	354.33	116.47	384.68	52.96	PHASE
330	4.11	8.38	619	8.58	1.18	.25	1.52	1.54	.36	384.68	52.96	AMP
331	2.52	8.75	619	349.58	127.87	44.38	271.89	331.37	56.32	384.68	52.96	PHASE
332	1.81	9.56	619	18.18	1.81	.61	1.78	2.16	1.84	384.68	52.96	AMP
333	-7.3	18.48	619	355.95	99.77	26.21	382.13	6.58	54.32	55.91	84.74	PHASE
334	-2.44	11.57	628	11.96	1.61	1.82	1.38	2.28	1.57	96	.41	AMP
335	-3.26	12.12	619	357.26	58.78	37.38	311.53	17.88	63.17	128.83	125.67	PHASE
336	3.24	7.24	621	6.28	1.89	.59	1.48	1.54	.39	299.78	174.27	AMP
337	1.78	8.28	628	334.53	119.38	332.11	273.12	322.22	64.83	299.78	174.27	PHASE
338	-1.3	8.97	628	6.51	.82	.37	1.13	1.38	5.44	5	.18	AMP
339	-1.51	18.83	619	7.87	.66	.17	1.31	1.56	.34	291.28	148.48	PHASE
340	-3.48	12.15	619	347.86	143.81	325.15	268.68	336.92	87.54	291.94	162.95	PHASE
341	2.71	5.88	628	7.78	.88	.87	1.39	1.68	.26	284.21	149.69	AMP
342	1.24	6.69	628	354.72	153.37	237.84	275.81	342.88	75.64	284.21	149.69	PHASE
343	-3.6	7.79	628	8.52	.91	.38	1.57	1.88	.37	255.18	342.82	AMP
344	-2.81	9.82	628	357.24	146.23	192.15	268.18	332.38	64.96	255.18	342.82	PHASE
345	-3.71	11.89	619	8.94	.98	.49	1.67	1.96	.42	286.56	286.56	AMP
346	1.24	6.69	628	359.36	145.55	185.59	268.46	337.66	65.65	255.86	286.56	PHASE
347	-3.6	7.79	628	5.87	.29	.54	1.84	1.42	.38	253.51	74.13	AMP
348	-2.81	9.82	628	337.27	118.81	315.27	254.86	294.12	47.38	253.51	74.13	PHASE
349	-3.71	11.89	619	6.46	.26	.35	1.19	1.55	.16	253.51	74.13	AMP
350	1.24	6.69	628	344.91	176.21	314.52	254.61	298.54	34.61	275.52	188.47	PHASE
351	-3.71	11.89	619	7.87	.48	.33	1.34	1.58	.16	275.52	188.47	AMP
352	1.24	6.69	628	353.97	288.47	277.83	267.56	314.43	84.56	272.83	58.55	PHASE
353	-3.48	12.15	619	7.88	.65	.54	1.64	1.74	.29	267.56	314.43	AMP
354	2.71	5.88	628	.52	198.64	249.24	274.17	338.38	182.96	267.14	38.84	PHASE
355	2.71	5.88	628	8.84	.91	.86	2.88	2.18	.47	267.14	38.84	AMP
356	2.71	5.88	628	1.79	183.63	223.84	262.21	328.38	71.89	246.86	327.76	PHASE
357	1.24	6.69	628	5.83	.21	.65	.88	1.18	.41	246.86	327.76	AMP
358	-3.6	7.79	628	339.91	293.49	389.95	272.71	328.27	49.63	284.86	68.51	PHASE
359	-2.81	9.82	628	5.61	.48	.47	.94	1.26	.25	284.86	68.51	AMP
360	-3.71	11.89	619	347.59	264.39	311.25	272.81	322.51	48.15	319.81	78.57	PHASE
				6.36	.58	.48	1.11	1.34	.25	255.47	356.68	AMP
				352.56	248.86	274.79	258.39	389.18	7.23	255.47	356.68	PHASE
				7.21	.77	.65	1.48	1.56	.23	219.92	387.55	AMP
				355.28	223.96	241.67	245.71	298.43	48.62	219.92	387.55	PHASE
				8.12	1.84	.99	1.75	1.79	.43	219.92	387.55	AMP
				3.81	213.38	227.26	268.28	323.46	68.68	238.81	321.34	PHASE

TABLE VII.- Continued

(f) Continued

FLAPWISE 77 PERCENT RADIUS

RUN NO 14

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	-4.95	34.86	618	28.87	9.88	6.86	3.16	3.97	1.93	2.31	4.86 AMP
				137.62	331.89	339.12	168.86	274.79	18.89	248.21	61.91 PHASE
325	-3.35	35.97	618	22.18	18.83	7.65	3.88	4.43	1.88	2.61	5.16 AMP
				148.46	338.47	345.72	154.63	273.16	14.76	237.99	54.83 PHASE
326	-1.73	38.98	618	23.35	11.14	8.58	3.29	4.48	1.45	2.89	4.77 AMP
				144.67	332.81	358.97	153.57	283.95	12.22	258.75	63.58 PHASE
327	-1.17	41.46	618	24.35	12.14	9.38	3.39	4.55	1.44	1.74	4.18 AMP
				142.18	321.14	336.92	131.52	255.88	318.88	216.27	24.88 PHASE
328	1.12	44.64	619	25.51	14.18	18.21	3.59	5.89	1.93	.98	3.12 AMP
				147.81	326.44	343.27	141.83	276.51	328.52	227.88	48.92 PHASE
329	2.57	46.55	618	26.88	15.96	18.78	2.75	5.88	2.63	.94	1.78 AMP
				149.14	322.81	335.81	138.81	272.65	389.67	184.71	348.67 PHASE
330	-3.49	28.47	619	19.23	8.23	5.18	2.98	6.39	.38	2.19	1.92 AMP
				136.59	334.52	315.34	172.31	241.79	385.52	232.85	44.65 PHASE
331	-1.79	38.39	619	28.88	9.13	8.28	2.71	6.81	1.48	1.91	2.35 AMP
				148.86	331.35	328.46	169.74	248.81	358.88	248.82	29.66 PHASE
332	-2.28	34.16	619	21.45	18.84	7.55	3.25	5.14	.28	1.55	2.14 AMP
				141.51	329.79	333.85	168.88	247.29	286.85	226.83	34.84 PHASE
334	1.27	37.38	619	22.78	11.54	8.92	3.17	6.48	.61	1.54	1.91 AMP
				145.57	328.52	348.65	162.61	253.48	383.35	239.52	11.25 PHASE
335	2.84	48.26	628	23.84	12.83	9.93	2.98	7.19	.85	1.89	2.53 AMP
				144.39	319.19	336.17	142.34	238.86	278.67	243.86	335.48 PHASE
336	3.68	41.16	619	22.48	18.48	8.32	2.93	7.32	1.84	.93	2.45 AMP
				145.54	318.95	337.18	142.68	241.44	275.18	251.65	328.88 PHASE
371	-1.16	27.33	621	18.84	7.46	4.97	2.78	6.65	.29	1.82	1.32 AMP
				135.14	338.37	384.78	161.53	218.49	126.88	191.31	358.11 PHASE
372	1.53	38.83	628	28.81	8.33	6.35	3.41	6.63	.29	1.33	1.83 AMP
				138.68	328.71	317.98	152.98	214.18	164.85	197.74	22.14 PHASE
373	3.27	32.73	628	21.12	9.28	7.38	3.63	6.79	.88	1.15	1.15 AMP
				144.12	331.87	338.55	161.88	228.84	323.66	228.84	5.98 PHASE
374	4.89	35.76	619	22.26	18.48	8.32	3.42	5.77	.28	.83	1.63 AMP
				147.34	331.58	351.98	168.64	239.33	348.67	231.71	355.88 PHASE
375	6.57	48.16	619	23.99	12.88	9.74	4.84	7.36	.78	.57	1.67 AMP
				145.99	322.68	348.81	142.84	229.92	321.58	194.89	322.29 PHASE
376	2.84	23.28	628	16.97	6.18	4.62	2.16	4.85	.37	.62	1.23 AMP
				137.63	339.86	298.62	182.75	228.37	56.21	198.78	338.58 PHASE
377	3.49	26.32	628	18.12	6.83	5.38	2.72	5.85	.87	.72	.94 AMP
				148.86	338.55	315.72	173.22	231.36	139.33	289.28	18.41 PHASE
378	5.16	28.68	628	19.53	7.62	5.88	3.42	5.77	.28	.83	1.88 AMP
				141.57	329.87	325.66	155.17	216.84	316.22	195.26	318.88 PHASE
379	6.79	32.82	628	28.93	8.73	6.81	3.89	6.48	.34	.74	7.1 AMP
				141.82	321.46	332.12	135.68	282.88	386.31	142.22	267.42 PHASE
388	8.56	36.78	619	22.29	9.84	8.83	4.32	7.86	.72	.65	1.21 AMP
				146.28	326.88	353.95	148.68	224.23	332.84	144.73	293.96 PHASE

CHORDWISE 77 PERCENT RADIUS

RUN NO 14

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	6.59	24.66	618	7.77	3.78	5.93	4.43	2.84	.76	1.24	2.46 AMP
				178.85	336.92	332.78	78.62	322.43	182.59	28.72	97.21 PHASE
325	7.49	32.74	618	6.68	3.78	7.83	5.57	4.68	7.31	1.29	2.89 AMP
				188.96	339.49	334.64	76.57	384.36	312.67	58.28	93.12 PHASE
326	8.42	29.52	618	5.47	3.97	8.53	7.68	5.98	5.95	2.29	1.92 AMP
				196.64	347.86	339.84	71.29	318.22	25.58	85.77	184.66 PHASE
327	8.93	37.38	618	4.31	4.87	18.17	9.18	5.84	2.88	8.86	2.22 AMP
				214.83	335.65	322.12	51.71	288.88	74.34	84.29	61.98 PHASE
328	9.46	41.52	619	4.93	4.82	12.21	9.71	7.77	8.54	5.71	2.24 AMP
				257.84	348.73	325.88	59.21	295.96	187.51	142.99	189.28 PHASE
329	18.79	51.75	618	4.22	4.52	14.58	8.64	11.82	16.58	7.68	2.36 AMP
				282.98	324.12	312.79	28.73	286.36	286.63	158.14	92.88 PHASE
330	5.54	22.89	619	7.53	3.33	4.46	3.78	3.79	4.75	1.77	1.36 AMP
				161.16	335.88	319.82	68.92	263.86	383.17	348.33	91.53 PHASE
331	6.66	31.88	619	6.23	3.57	5.88	5.57	6.68	18.81	2.37	1.35 AMP
				178.17	336.98	327.88	62.71	299.44	337.31	3.19	71.53 PHASE
332	7.98	35.64	619	4.89	3.56	7.21	8.17	7.96	7.41	3.44	1.89 AMP
				178.62	339.44	327.63	54.24	296.83	9.44	15.11	61.25 PHASE
334	9.24	31.78	619	3.22	3.79	9.27	18.33	7.66	3.41	2.27	.93 AMP
				198.27	336.76	328.25	55.99	298.58	351.25	51.72	82.17 PHASE
335	18.37	35.58	628	2.32	3.83	11.59	12.84	7.62	2.21	2.44	.67 AMP
				232.86	321.38	318.87	42.67	267.68	297.74	59.84	25.45 PHASE
336	18.68	39.95	619	2.43	4.82	12.72	13.71	7.74	2.67	2.47	.57 AMP
				251.89	328.55	317.49	42.48	269.34	318.35	73.83	22.33 PHASE
371	9.86	34.86	621	6.73	3.83	4.48	4.38	6.86	18.82	2.41	1.11 AMP
				155.26	317.44	387.29	47.95	232.79	285.41	382.84	65.57 PHASE
372	9.58	28.44	628	4.95	3.81	5.93	6.54	6.87	6.62	2.44	1.22 AMP
				168.86	322.86	318.98	46.81	234.33	323.13	346.15	91.12 PHASE
373	11.22	29.81	628	3.15	3.16	7.19	8.79	6.19	3.89	1.22	1.73 AMP
				178.82	321.87	322.84	57.78	238.82	284.28	24.98	185.89 PHASE
374	12.81	38.88	619	1.29	3.68	9.62	11.45	6.77	5.68	.77	1.49 AMP
				196.78	322.28	327.38	62.57	238.25	282.28	43.82	122.96 PHASE
375	13.88	43.89	619	1.67	4.39	12.45	14.49	7.71	5.15	1.47	1.19 AMP
				385.33	388.88	317.18	47.75	222.29	296.95	17.37	184.62 PHASE
376	9.97	27.51	628	7.34	3.33	3.61	3.17	4.58	16.31	1.34	16.58 AMP
				156.48	312.13	385.25	4.36	222.13	299.53	314.15	35.53 PHASE
377	9.45	27.62	628	5.91	3.18	3.73	4.81	5.36	8.42	2.49	1.88 AMP
				153.11	312.48	313.28	52.36	238.58	2.61	344.93	68.37 PHASE
378	9.51	27.85	628	3.76	3.32	5.94	7.49	6.61	3.82	.54	.97 AMP
				153.77	381.66	388.81	48.82	216.76	272.16	28.32	55.86 PHASE
379	11.34	36.96	628	1.79	3.69	7.91	9.93	7.85	7.49	.11	.92 AMP
				136.86	289.87	381.89	38.84	189.71	231.48	188.37	61.52 PHASE
388	13.83	46.68	619	1.18	4.31	18.88	11.93	18.31	8.51	1.22	.81 AMP
				14.68	292.38	315.91	51.29	199.68	264.69	322.52	82.93 PHASE

TABLE VII.- Continued

(f) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO 14												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	1.63	7.39	618	4.42	1.84	.23	.84	.94	.16	.46	.29	AMP
				323.83	122.58	169.99	319.37	358.13	127.86	67.37	218.56	PHASE
325	.29	7.58	618	4.88	1.77	.35	.82	.23	.16	.41	.28	AMP
				331.98	132.28	187.57	318.41	358.23	136.17	71.23	214.84	PHASE
326	-1.12	7.74	618	4.95	1.88	.44	.77	.85	.16	.26	.23	AMP
				341.74	142.42	187.36	319.18	348.94	134.31	78.42	286.62	PHASE
327	-2.43	8.38	618	5.32	1.76	.53	.82	.98	.12	.35	.12	AMP
				344.86	139.78	168.89	388.91	316.82	51.26	16.85	152.39	PHASE
328	-3.94	9.41	619	6.12	1.57	.32	.97	1.24	.53	.58	.87	AMP
				353.93	149.28	153.83	332.71	358.88	58.89	54.61	131.38	PHASE
329	-5.61	18.23	618	7.13	1.27	.56	.77	1.17	.72	.49	.21	AMP
				357.83	147.62	96.99	358.18	.16	61.72	45.29	315.67	PHASE
330	1.49	6.36	619	3.84	1.38	.85	.85	.96	.88	.36	.88	AMP
				328.18	128.68	288.88	388.24	329.89	96.25	64.98	259.84	PHASE
331	.88	6.35	619	4.83	1.19	.24	.74	.88	.18	.23	.18	AMP
				331.73	132.69	172.78	315.33	341.52	144.84	83.62	48.88	PHASE
332	-1.18	7.82	619	4.42	1.17	.43	.82	.91	.15	.15	.88	AMP
				339.81	145.67	167.18	312.29	331.81	181.48	59.76	84.68	PHASE
334	-2.63	8.28	619	4.93	1.38	.63	.84	1.81	.13	.26	.13	AMP
				349.53	155.88	167.88	315.27	333.83	85.48	67.81	58.88	PHASE
335	-4.83	9.25	628	5.47	1.57	.89	.81	.17	.28	.18	.18	AMP
				353.61	152.78	162.86	295.63	328.62	53.82	72.83	15.28	PHASE
336	-4.69	9.56	619	5.76	1.61	.96	.81	1.21	.36	.24	.21	AMP
				356.41	154.67	162.65	293.41	324.62	53.86	73.88	28.98	PHASE
371	.29	5.19	621	3.47	.72	.18	.79	.76	.88	.16	.11	AMP
				325.95	132.94	184.37	283.93	385.26	76.58	21.97	297.37	PHASE
372	-1.89	5.93	628	3.86	.77	.38	.83	.79	.88	.12	.86	AMP
				337.57	152.84	163.73	288.82	388.22	13.74	357.74	386.25	PHASE
373	-2.45	6.79	628	4.34	.93	.54	.87	.93	.12	.12	.13	AMP
				349.83	178.92	179.86	297.24	314.82	56.73	26.14	314.22	PHASE
374	-3.83	8.88	619	4.91	1.22	.83	.97	1.89	.26	.18	.15	AMP
				357.45	178.37	198.46	293.23	327.49	69.83	145.81	323.89	PHASE
375	-5.39	9.25	619	5.73	1.54	1.13	1.88	1.35	.49	.17	.11	AMP
				.29	171.37	182.29	275.89	318.84	51.88	148.16	381.94	PHASE
376	.81	3.98	628	2.98	.31	.15	.69	.58	.18	.14	.21	AMP
				328.34	164.84	165.28	298.71	328.84	28.55	341.33	27.82	PHASE
377	-1.31	4.62	628	3.25	.52	.23	.73	.53	.85	.16	.14	AMP
				341.83	198.49	165.87	299.31	321.19	2.51	16.52	16.82	PHASE
378	-2.74	5.78	628	3.86	.77	.46	.76	.72	.11	.89	.14	AMP
				348.99	194.38	171.94	287.84	318.54	6.98	389.62	313.58	PHASE
379	-4.16	7.83	628	4.52	1.88	.74	.89	.98	.27	.85	.18	AMP
				353.59	186.94	175.37	261.31	298.44	19.83	149.49	254.47	PHASE
388	-5.57	8.56	619	5.23	1.43	1.18	1.87	1.16	.48	.25	.18	AMP
				2.48	188.58	185.39	267.79	322.82	58.86	163.87	271.88	PHASE

PITCH LINK												
RUN NO 14												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	-4.69	18.68	618	5.64	1.84	1.23	1.94	2.88	.66	.93	1.18	AMP
				171.57	342.18	171.12	117.78	189.28	249.43	54.87	238.38	PHASE
325	-3.28	11.64	618	5.78	.97	1.58	2.83	1.97	.76	1.38	1.18	AMP
				179.24	357.52	171.18	115.95	189.58	263.79	54.86	219.89	PHASE
326	-1.81	12.62	618	6.34	.99	1.59	2.11	2.18	.49	1.81	1.83	AMP
				187.69	9.82	188.17	118.73	196.36	276.48	66.15	226.86	PHASE
327	-.26	13.33	618	7.34	.72	1.84	2.12	2.39	.47	.58	.93	AMP
				187.58	12.62	163.19	89.32	171.52	289.58	24.55	193.58	PHASE
328	1.56	16.43	619	9.88	.14	2.83	2.44	3.25	1.28	.56	.71	AMP
				193.84	53.59	167.62	118.86	195.77	238.51	328.83	236.46	PHASE
329	3.88	28.47	618	11.63	.89	3.46	2.29	3.43	1.75	1.99	.38	AMP
				195.89	182.13	163.13	183.48	196.48	245.27	317.72	279.15	PHASE
330	-3.84	9.33	619	3.54	.59	2.88	1.51	2.89	.54	.97	.24	AMP
				166.54	48.64	149.65	93.82	163.71	285.37	61.51	197.62	PHASE
331	-2.47	9.29	619	3.93	.67	2.88	1.41	1.79	.54	.96	.21	AMP
				179.13	66.65	155.66	88.38	173.98	211.96	88.58	144.69	PHASE
332	-1.25	18.72	619	4.39	1.84	2.89	1.78	2.19	.24	.69	.32	AMP
				188.41	73.68	153.45	81.27	175.65	285.77	77.42	115.29	PHASE
334	.15	12.86	619	188.41	73.68	153.45	81.27	175.65	285.77	77.42	115.29	PHASE
				195.89	78.74	154.97	85.56	184.36	284.13	78.82	181.46	PHASE
335	1.58	13.57	628	6.57	1.26	2.17	2.26	2.41	.48	.88	.41	AMP
				199.49	62.26	135.76	73.11	172.19	181.71	57.25	77.18	PHASE
336	2.19	15.88	619	7.33	1.24	2.85	2.45	2.65	.55	.63	.54	AMP
				281.56	58.99	132.33	75.58	175.47	188.94	46.51	74.65	PHASE
371	-1.89	8.38	621	2.42	1.36	2.47	.96	2.19	.42	.92	.86	AMP
				177.52	75.85	135.78	66.26	135.97	174.57	29.15	318.57	PHASE
372	.22	9.18	628	3.34	1.64	2.32	1.34	2.59	.38	.52	.21	AMP
				187.43	75.22	141.28	61.56	142.18	153.32	41.26	21.87	PHASE
373	1.59	11.24	628	4.33	1.98	2.31	1.84	2.67	.38	.77	.13	AMP
				199.91	82.74	145.15	72.98	159.84	176.73	52.15	17.74	PHASE
374	2.93	11.48	619	5.73	1.88	2.21	2.87	2.77	.16	.68	.81	AMP
				286.81	88.93	137.49	92.85	172.78	288.52	62.56	381.88	PHASE
375	4.46	13.87	619	7.34	1.86	2.32	2.86	3.38	.37	.52	.28	AMP
				286.39	74.89	113.88	85.52	168.88	199.68	7.73	128.81	PHASE
376	.87	6.87	628	.93	2.82	2.78	.55	1.82	.35	.39	.22	AMP
				199.68	87.45	134.75	87.65	156.12	222.18	13.21	35.17	PHASE
377	1.38	7.58	628	2.89	2.17	2.45	.82	2.17	.34	.18	.19	AMP
				283.52	84.88	148.32	75.57	156.62	281.79	33.66	337.38	PHASE
378	2.64	8.77	628	3.31	2.43	2.55	1.26	2.32	.45	.54	.88	AMP
				218.99	79.73	125.42	66.44	146.36	186.86	8.54	389.68	PHASE
379	3.99	18.32	628	4.99	2.46	2.48	1.91	2.55	.15	.67	.15	AMP
				288.81	72.31	184.71	78.42	139.88	177.82	328.45	286.83	PHASE
388	5.43	12.84	619	6.96	2.48	2.59	2.45	2.86	.24	.62	.23	AMP
				213.88	72.43	94.54	88.11	168.83	267.76	358.36	178.33	PHASE

TABLE VII.- Continued

(g) $\mu = 0.40$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CW/SIGMA
385	-1.6	5.1	0.0	.03260	.00161	.00163
386	-1.7	6.6	2.0	.04266	.00142	.00187
387	-2.0	7.9	4.1	.05365	.00125	.00226
388	-2.3	9.1	6.1	.06360	.00098	.00277
389	-2.5	10.3	8.1	.07242	.00061	.00343
390	-2.9	11.7	10.0	.08110	.00012	.00449
391	-1.2	5.4	2.1	.02138	.00001	.00241
392	-1.5	6.5	4.0	.03267	.00110	.00243
393	-1.9	7.7	6.0	.04267	.00214	.00354
394	-2.3	8.8	7.9	.05143	.00326	.00413
395	-2.5	10.2	10.0	.06239	.00454	.00512
396	-2.6	11.0	11.0	.06738	.00519	.00556
397	-2.8	11.3	12.0	.07261	.00573	.00607
398	-1.1	5.6	4.1	.01109	.00047	.00231
399	-1.3	6.5	6.1	.02246	.00148	.00327
400	-1.6	7.9	7.9	.03179	.00352	.00404
401	-1.9	8.9	10.0	.04334	.00546	.00512
402	-2.5	10.0	11.9	.05336	.00759	.00618
403	-2.7	10.6	13.0	.05642	.00874	.00661

TABLE VII.- Continued

(g) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO		15										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	47.22	24.49	649	6.84	6.23	3.43	2.69	8.29	1.79	4.84	3.28	AMP
				141.55	388.52	9.22	389.64	71.17	328.71	285.56	41.68	PHASE
386	48.32	25.87	658	7.86	7.82	4.32	3.18	8.96	1.62	3.88	3.17	AMP
				141.28	311.29	13.89	314.67	75.84	336.23	281.45	52.87	PHASE
387	49.68	25.71	658	8.86	8.83	5.19	3.43	9.39	1.38	3.44	3.89	AMP
				141.67	317.39	27.28	325.69	85.98	363.59	216.88	62.88	PHASE
388	50.57	25.72	658	9.28	8.72	5.67	3.67	8.73	1.23	2.96	3.82	AMP
				134.98	318.75	9.76	384.19	65.18	338.88	189.49	28.57	PHASE
389	51.51	25.33	658	9.82	9.41	6.12	4.33	9.86	9.86	2.11	2.59	AMP
				138.31	313.96	5.67	298.31	69.58	334.21	188.83	34.63	PHASE
390	52.77	26.88	649	10.25	18.17	6.91	5.38	9.91	.61	2.85	2.21	AMP
				123.79	316.11	354.12	288.16	73.54	17.19	148.78	32.42	PHASE
391	47.64	21.83	658	6.22	5.43	2.79	1.87	8.28	2.24	2.81	1.53	AMP
				149.53	317.74	341.58	328.12	59.88	336.73	231.74	45.94	PHASE
392	48.88	22.97	658	6.98	6.25	3.68	1.53	8.69	2.36	2.54	1.18	AMP
				147.41	318.31	354.84	327.34	68.84	336.65	225.99	44.74	PHASE
393	50.82	23.31	658	7.49	7.89	4.37	2.22	8.95	1.91	2.53	1.27	AMP
				144.33	328.37	3.66	338.28	61.75	339.66	226.78	45.48	PHASE
394	51.82	23.56	658	8.88	7.76	5.86	2.75	9.88	1.83	2.24	1.52	AMP
				138.24	313.83	355.62	312.15	47.59	326.33	287.87	16.72	PHASE
395	52.24	24.69	658	8.85	8.48	5.88	3.55	9.35	1.71	2.88	1.24	AMP
				132.95	315.58	357.45	311.88	48.68	319.88	289.85	357.71	PHASE
396	52.76	24.35	649	9.25	8.59	6.12	3.88	9.55	1.85	1.62	1.34	AMP
				129.96	315.45	355.82	387.13	49.53	321.48	212.63	344.71	PHASE
397	53.25	24.17	651	9.57	8.83	6.32	4.86	9.25	1.79	1.22	1.21	AMP
				127.84	315.23	352.31	298.98	48.33	324.27	287.44	348.84	PHASE
398	47.62	18.74	658	5.31	4.77	2.79	1.52	6.64	1.36	1.69	1.87	AMP
				156.11	317.41	329.24	34.62	58.42	349.49	246.28	49.99	PHASE
399	48.86	19.75	658	6.21	5.68	3.24	1.25	8.81	1.71	1.71	.96	AMP
				153.12	314.81	339.95	1.14	45.35	335.26	228.27	27.28	PHASE
400	58.85	19.25	658	6.35	5.84	3.82	1.93	7.49	1.56	1.87	1.11	AMP
				144.81	318.55	348.81	338.61	28.21	318.99	288.88	358.52	PHASE
401	51.29	28.63	649	7.15	6.89	4.88	2.79	8.22	1.32	1.61	.78	AMP
				144.67	321.29	.23	344.83	49.65	341.69	228.32	27.13	PHASE
402	52.48	21.41	658	7.73	7.47	4.81	3.63	8.71	1.19	1.49	1.85	AMP
				135.11	328.72	359.86	334.65	46.23	321.74	289.94	359.22	PHASE
403	53.15	21.11	658	8.25	7.68	5.86	4.13	8.93	1.84	1.32	1.16	AMP
				129.24	317.53	358.89	321.89	39.48	388.43	194.77	337.86	PHASE

CHORDWISE 25 PERCENT RADIUS												
RUN NO		15										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	53.24	65.88	649	26.86	9.48	7.33	11.55	18.91	4.84	1.54	1.86	AMP
				263.56	116.52	251.12	42.36	321.93	31.85	2.71	78.77	PHASE
386	51.48	64.85	658	31.91	11.75	18.84	12.47	12.99	2.17	1.39	2.18	AMP
				282.98	128.18	253.68	51.55	386.17	244.48	62.45	88.69	PHASE
387	58.24	73.59	658	48.25	17.54	12.18	13.64	15.48	3.76	2.56	2.33	AMP
				381.45	131.88	264.94	49.44	311.78	327.86	182.94	124.48	PHASE
388	48.58	86.72	658	48.84	21.97	14.65	15.57	17.88	4.37	3.26	2.93	AMP
				312.53	128.53	248.39	29.35	299.58	38.38	89.15	97.87	PHASE
389	48.28	186.66	658	58.28	28.43	28.12	16.78	18.89	8.23	4.33	3.33	AMP
				326.78	134.46	246.72	25.16	384.62	189.78	185.56	93.98	PHASE
390	48.44	128.26	649	69.82	33.69	25.94	16.79	18.83	12.91	5.28	4.17	AMP
				337.13	137.88	243.86	7.63	296.81	137.98	95.76	75.83	PHASE
391	52.34	46.77	658	19.89	6.93	5.75	11.18	8.26	3.87	1.41	.68	AMP
				258.94	133.81	245.12	53.18	326.62	322.92	351.96	55.66	PHASE
392	52.35	54.28	658	22.41	8.33	8.98	11.28	18.35	5.84	1.29	.63	AMP
				281.63	134.73	245.67	55.95	381.78	276.38	8.76	61.89	PHASE
393	53.24	61.75	658	38.24	14.18	18.61	13.88	13.68	6.71	1.86	.66	AMP
				381.12	137.93	242.67	43.72	299.33	387.72	25.92	184.44	PHASE
394	53.18	73.39	658	38.18	17.93	14.66	16.93	14.14	4.86	2.39	.82	AMP
				313.42	137.34	231.56	27.64	279.68	386.35	13.99	82.79	PHASE
395	54.21	95.38	658	58.48	23.52	22.65	28.85	12.63	2.87	2.54	1.13	AMP
				326.49	141.72	234.83	38.16	279.94	338.88	28.73	94.34	PHASE
396	53.58	183.54	649	57.28	26.11	27.12	28.63	12.99	1.66	3.81	1.13	AMP
				332.29	143.78	235.37	28.68	282.47	13.85	37.86	81.52	PHASE
397	53.49	118.88	651	63.91	27.68	38.65	28.89	11.83	2.48	2.57	1.27	AMP
				337.46	144.71	234.68	23.38	291.21	68.24	32.68	58.79	PHASE
398	58.63	43.88	658	16.87	4.74	3.99	9.68	5.78	4.81	1.84	.46	AMP
				247.34	153.83	285.88	61.88	319.53	318.18	324.21	62.18	PHASE
399	51.95	45.17	658	15.58	5.63	7.37	12.23	7.43	6.28	1.26	.58	AMP
				272.49	156.85	228.58	56.21	268.26	275.29	327.21	65.33	PHASE
400	53.48	47.82	658	21.88	18.85	9.47	12.91	18.25	6.71	1.65	.66	AMP
				299.44	146.16	212.38	27.17	252.49	286.29	318.26	55.86	PHASE
401	55.51	72.85	649	31.87	15.59	16.42	17.94	9.71	3.45	1.53	.75	AMP
				328.23	156.58	229.89	45.14	264.15	329.11	4.85	93.41	PHASE
402	57.36	93.84	658	43.71	19.57	25.15	22.48	11.43	2.94	1.82	1.86	AMP
				339.78	157.73	238.43	48.38	238.64	314.14	28.68	81.57	PHASE
403	58.22	181.68	658	51.49	22.26	38.88	22.59	11.92	3.38	2.56	1.23	AMP
				342.98	155.65	227.26	31.38	224.76	325.22	21.79	76.18	PHASE

TABLE VII.- Continued

(g) Continued

TORSION 28 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	18.79	14.59	649	7.82	1.88	1.28	2.57	2.61	.62	1.14	.29	AMP
				328.21	128.85	353.85	258.32	357.93	48.43	248.83	332.48	PHASE
386	8.79	14.78	658	7.98	1.65	1.61	2.78	2.61	.69	1.15	.25	AMP
				336.16	127.17	349.98	263.25	346.73	48.18	248.36	248.87	PHASE
387	6.64	13.36	658	8.38	1.42	1.64	2.78	2.56	.36	1.14	.23	AMP
				346.63	135.36	351.48	267.86	352.95	77.54	264.23	95.12	PHASE
388	4.43	14.82	658	9.43	1.25	1.86	2.56	2.61	.35	.81	.35	AMP
				358.82	114.89	348.45	248.85	334.15	19.92	243.45	56.88	PHASE
389	2.85	16.32	658	11.15	1.28	2.29	2.92	3.51	.85	.18	.58	AMP
				357.81	94.12	349.28	254.17	346.34	38.68	186.68	75.88	PHASE
398	-.73	28.77	649	13.88	1.63	3.38	3.85	5.83	2.88	1.29	1.15	AMP
				2.58	52.64	355.64	257.67	358.66	58.18	91.85	188.73	PHASE
391	18.87	18.77	658	5.96	1.12	2.17	2.31	2.89	.32	.91	.22	AMP
				321.58	185.73	331.16	258.83	323.55	35.28	261.98	232.44	PHASE
392	8.26	18.74	658	6.12	.66	2.41	2.35	2.16	.54	.86	.22	AMP
				331.98	189.51	338.34	256.58	331.72	38.13	268.86	221.48	PHASE
393	6.36	18.42	658	6.48	.26	2.56	2.33	2.17	.31	.94	.48	AMP
				341.81	181.15	328.34	256.49	332.34	38.34	272.94	211.68	PHASE
394	4.55	18.86	658	7.88	.89	2.57	2.51	2.27	.26	.97	.28	AMP
				347.43	188.48	315.88	241.18	318.74	338.72	259.41	192.83	PHASE
395	2.47	12.36	658	7.96	.28	2.56	2.94	2.47	.29	1.18	.16	AMP
				357.16	128.27	389.37	244.47	327.52	356.86	268.15	282.91	PHASE
396	1.38	13.13	649	8.76	.32	2.58	3.26	2.69	.43	.97	.28	AMP
				1.38	136.85	386.51	244.22	329.53	6.12	263.85	191.92	PHASE
397	.19	14.87	651	9.87	.62	2.61	3.44	2.98	.62	.98	.27	AMP
				5.88	136.87	388.88	241.79	333.48	26.61	267.84	184.98	PHASE
398	9.54	9.57	658	4.83	.21	2.41	1.71	1.77	.14	.73	.26	AMP
				314.12	35.87	326.99	247.48	325.18	32.47	267.15	187.73	PHASE
399	7.64	9.29	658	4.89	.31	2.63	1.86	1.96	.24	.78	.33	AMP
				325.21	381.44	319.82	239.94	315.88	11.45	255.42	152.14	PHASE
488	5.69	8.76	658	5.48	.62	2.44	1.79	1.98	.14	.88	.28	AMP
				335.12	298.54	318.14	238.13	299.95	336.11	239.11	132.58	PHASE
481	3.81	9.49	649	6.13	.88	2.68	2.18	2.85	.28	.81	.19	AMP
				349.67	286.73	316.65	249.86	324.22	327.13	265.49	162.84	PHASE
482	1.76	18.66	658	7.19	.75	2.72	2.58	2.22	.25	.91	.13	AMP
				357.94	273.97	382.35	247.42	325.54	338.95	252.85	116.82	PHASE
483	.65	11.73	658	7.95	.67	2.72	2.98	2.43	.19	.88	.12	AMP
				.15	256.83	298.84	243.56	322.95	345.98	244.69	118.88	PHASE

TABLE VII.- Continued

(g) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
305	32.38	22.98	649	18.87	7.89	4.56	2.74	4.14	.38	.37	1.16 AMP
				135.12	312.78	8.13	386.95	78.28	358.68	295.55	289.47 PHASE
306	33.26	23.72	658	12.46	8.22	5.51	3.82	4.42	.38	.38	1.83 AMP
				136.23	313.85	13.87	311.94	88.38	19.81	298.98	222.39 PHASE
307	33.96	26.14	658	13.84	9.81	6.49	3.27	4.63	.36	.48	1.88 AMP
				138.36	316.82	24.95	322.83	89.82	32.98	326.37	238.87 PHASE
308	34.74	27.19	658	14.98	18.89	7.18	3.38	4.16	.31	.47	1.83 AMP
				133.68	388.68	8.78	381.89	68.96	28.32	291.74	199.87 PHASE
309	35.45	29.86	658	15.85	12.33	7.86	3.65	4.34	.36	.61	1.96 AMP
				132.43	388.92	6.98	297.79	73.85	59.38	277.21	289.15 PHASE
398	36.11	32.32	649	16.47	13.93	8.76	4.31	4.72	.45	.98	1.83 AMP
				138.32	388.13	358.37	281.25	77.28	131.28	254.64	218.19 PHASE
391	33.34	18.68	658	8.86	6.87	2.71	1.42	4.59	.67	.31	.69 AMP
				135.16	327.69	2.82	386.57	62.76	344.32	282.77	213.84 PHASE
392	34.42	28.96	658	18.24	7.26	4.85	1.74	4.91	.64	.28	.51 AMP
				135.59	323.78	9.46	314.78	61.97	332.88	286.73	281.78 PHASE
393	35.48	22.88	658	11.58	8.43	5.82	2.22	4.91	.65	.32	.53 AMP
				136.83	322.39	16.39	321.46	64.55	331.18	383.23	281.93 PHASE
394	36.22	23.83	658	12.78	9.33	6.86	2.57	4.98	.56	.34	.63 AMP
				132.55	313.96	8.22	387.26	49.83	324.87	284.86	167.42 PHASE
395	37.11	26.83	658	14.38	18.57	7.46	2.99	5.18	.36	.35	.58 AMP
				131.28	312.64	9.69	389.33	48.76	319.35	273.98	141.71 PHASE
396	37.48	27.88	649	15.85	11.89	8.16	3.81	5.25	.36	.44	.69 AMP
				138.58	318.97	8.79	386.67	49.88	314.85	244.71	143.18 PHASE
397	37.78	28.81	651	15.72	11.69	8.59	3.13	5.82	.31	.42	.54 AMP
				129.77	389.63	6.28	381.53	47.36	325.35	245.25	141.45 PHASE
398	34.18	13.61	658	6.94	5.81	2.18	.73	3.87	.48	.21	.41 AMP
				134.58	331.37	346.57	329.88	59.58	334.54	286.73	216.99 PHASE
399	35.89	15.72	658	8.53	6.29	3.88	1.28	4.62	.48	.21	.33 AMP
				135.84	324.46	358.97	331.33	45.88	317.11	291.68	172.16 PHASE
488	36.18	16.18	658	9.42	6.84	4.23	1.79	4.28	.41	.25	.44 AMP
				131.86	315.58	355.91	318.89	28.62	293.78	281.58	158.93 PHASE
481	37.18	19.38	649	11.14	3.41	5.44	2.48	4.64	.24	.29	.36 AMP
				136.88	323.27	17.43	337.94	58.81	389.99	298.51	178.28 PHASE
482	38.88	21.83	658	12.64	9.43	6.68	2.84	4.93	.18	.39	.38 AMP
				133.75	328.84	18.48	333.77	44.74	277.17	279.23	157.22 PHASE
483	38.54	23.41	658	13.48	9.95	7.42	3.83	5.89	.11	.52	.51 AMP
				131.57	315.93	14.71	326.81	36.91	227.79	256.67	137.85 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
305	26.52	63.86	649	22.48	6.81	5.52	15.98	13.31	6.56	3.35	2.59 AMP
				269.92	128.14	263.12	37.23	326.16	32.49	6.45	136.24 PHASE
306	24.86	64.84	658	28.85	9.28	8.26	18.38	15.13	4.38	3.88	3.87 AMP
				286.84	122.89	269.38	43.43	388.48	227.39	33.17	122.83 PHASE
387	23.17	75.82	658	35.55	13.89	18.85	21.87	17.99	6.85	4.89	4.76 AMP
				382.35	135.46	287.98	47.86	313.29	328.37	81.34	143.57 PHASE
388	28.91	93.82	658	42.66	17.69	13.37	23.29	21.96	6.44	4.88	4.98 AMP
				318.84	131.49	274.97	38.18	299.43	28.95	75.27	185.13 PHASE
389	19.35	99.39	658	58.88	23.58	17.74	24.68	23.27	11.48	5.85	5.31 AMP
				323.35	139.29	273.82	25.78	384.97	186.66	188.81	185.65 PHASE
398	18.18	118.81	649	58.56	29.87	23.14	24.69	25.41	28.89	7.42	4.83 AMP
				332.88	144.75	267.85	7.95	298.12	146.31	187.91	87.84 PHASE
391	25.82	44.99	658	15.85	5.88	3.47	14.47	18.88	6.15	3.91	1.16 AMP
				287.41	158.84	249.48	47.55	331.68	324.63	349.92	184.73 PHASE
392	24.79	51.74	658	19.32	6.39	6.25	15.68	12.61	8.78	4.21	2.73 AMP
				286.86	144.22	256.88	46.51	386.85	278.62	1.33	95.11 PHASE
393	25.14	64.11	658	26.27	18.69	7.68	19.38	16.34	12.84	4.56	3.18 AMP
				381.78	144.91	258.89	41.83	381.71	384.14	13.49	184.88 PHASE
394	24.67	72.67	658	33.87	13.83	18.78	24.13	16.98	7.56	4.91	3.33 AMP
				318.61	142.71	251.76	26.87	281.58	383.36	357.75	82.58 PHASE
395	24.88	93.68	658	43.12	18.53	16.95	28.94	14.97	3.72	3.47	4.75 AMP
				321.95	147.72	256.93	29.32	284.73	324.12	17.78	83.27 PHASE
396	22.65	94.88	649	48.47	28.89	28.51	29.51	15.64	2.24	3.33	4.73 AMP
				327.23	158.29	258.56	28.14	289.76	352.12	37.15	84.21 PHASE
397	21.66	97.91	651	53.52	22.56	23.39	29.93	14.97	2.65	2.38	4.56 AMP
				332.28	152.41	257.53	23.26	388.93	71.86	32.52	75.26 PHASE
398	23.31	43.96	658	11.52	3.87	2.49	12.26	7.81	7.62	3.88	1.82 AMP
				255.71	186.55	181.89	65.32	326.28	388.16	332.73	97.22 PHASE
399	24.17	43.81	658	12.92	5.81	4.39	15.98	8.58	11.18	4.16	2.87 AMP
				279.45	183.81	233.11	48.44	274.46	271.84	331.95	81.72 PHASE
488	24.62	47.86	658	18.38	7.93	5.97	17.94	11.84	12.12	4.66	2.53 AMP
				388.78	161.68	224.88	25.87	257.32	282.69	316.38	66.51 PHASE
481	25.83	66.14	649	26.88	12.14	11.81	24.26	18.91	5.84	3.33	3.18 AMP
				323.98	167.89	243.48	43.24	268.12	324.29	358.38	98.63 PHASE
482	26.42	85.76	658	35.75	15.51	17.41	38.42	11.75	4.81	2.16	4.88 AMP
				332.96	164.92	244.79	38.53	238.83	383.29	353.42	88.16 PHASE
483	26.66	96.88	658	41.75	18.26	21.82	31.21	11.58	4.88	2.18	3.54 AMP
				335.32	162.72	242.83	38.43	222.55	312.84	8.18	75.84 PHASE

TABLE VII.- Continued

(g) Continued

TORSION 36 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	9.27	13.69	649	8.68	2.48	2.65	2.24	2.32	.51	.71	.15	AMP
				322.67	185.58	327.28	224.88	292.73	4.94	213.72	279.98	PHASE
386	7.27	14.14	658	9.87	2.29	.81	2.45	2.35	.58	.69	.18	AMP
				329.76	188.82	321.29	229.43	381.88	8.58	281.73	334.83	PHASE
387	5.13	13.81	658	9.63	2.23	.74	2.48	2.31	.37	.72	.16	AMP
				338.76	187.78	312.98	233.84	387.51	48.37	226.23	39.22	PHASE
388	2.99	14.58	658	18.78	2.18	.74	2.24	2.26	.28	.52	.26	AMP
				341.18	94.18	328.66	217.49	289.35	353.82	213.57	356.38	PHASE
389	.71	16.17	658	12.46	2.28	.91	2.43	2.86	.78	.89	.48	AMP
				346.69	82.11	321.47	225.74	382.55	355.68	322.86	11.95	PHASE
398	-1.88	19.89	649	15.83	2.78	1.56	2.33	3.94	1.71	1.81	.69	AMP
				358.18	58.28	335.82	235.43	316.49	1.72	35.74	39.63	PHASE
391	8.34	18.92	658	7.22	1.75	.81	2.14	1.98	.24	.57	.15	AMP
				328.76	92.89	383.12	228.63	277.52	3.96	224.71	169.29	PHASE
392	6.51	11.15	658	7.68	1.44	1.44	2.18	1.95	.39	.54	.18	AMP
				328.96	94.81	388.39	225.24	285.41	1.62	222.95	159.17	PHASE
393	4.56	11.39	658	8.87	1.21	1.54	2.18	1.99	.28	.66	.24	AMP
				336.43	95.68	294.15	225.83	286.17	17.84	234.29	153.61	PHASE
394	2.82	11.87	658	8.75	1.17	1.58	2.32	2.18	.14	.71	.15	AMP
				339.69	91.82	275.51	218.86	272.46	348.77	228.35	148.98	PHASE
395	.81	12.77	658	9.73	1.37	1.53	2.66	2.22	.21	.77	.87	AMP
				346.97	94.64	268.98	214.42	281.87	359.79	216.15	199.87	PHASE
396	-1.22	13.84	649	18.46	1.58	1.52	2.88	2.37	.38	.68	.89	AMP
				358.88	96.99	253.41	214.84	283.31	349.34	219.71	175.17	PHASE
397	-1.33	14.53	651	11.42	1.82	1.51	2.97	2.48	.47	.56	.17	AMP
				352.64	96.88	253.83	214.27	287.77	349.44	224.94	162.72	PHASE
398	7.74	8.91	658	6.23	.89	1.41	1.66	1.65	.15	.16	.16	AMP
				319.28	73.85	295.88	228.87	279.44	354.61	227.88	127.93	PHASE
399	5.79	8.92	658	6.57	.61	1.57	1.81	1.88	.28	.52	.21	AMP
				326.73	74.74	286.96	212.86	268.46	338.88	217.88	92.21	PHASE
488	3.92	8.43	658	7.18	.31	1.44	1.69	1.69	.11	.68	.18	AMP
				332.88	62.27	275.22	281.88	253.54	338.16	282.64	78.59	PHASE
481	2.82	9.46	649	7.99	.27	1.67	2.88	1.88	.13	.62	.89	AMP
				343.41	185.51	276.17	219.57	278.16	389.78	225.74	187.28	PHASE
482	.88	11.39	658	9.83	.46	1.85	2.46	2.83	.12	.72	.85	AMP
				348.64	129.12	258.77	216.85	279.79	335.87	218.98	22.22	PHASE
483	-1.99	12.54	658	9.72	.64	1.98	2.78	2.22	.15	.67	.86	AMP
				349.92	129.65	244.89	212.64	276.73	354.41	284.14	7.53	PHASE

TABLE VII.- Continued

(g) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 15												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	28.18	28.77	649	13.99	8.66	5.39	1.19	2.88	1.56	3.48	3.26	AMP
				124.87	312.58	3.51	348.98	241.85	153.38	22.23	214.91	PHASE
386	28.88	31.23	658	16.81	18.11	6.42	1.48	2.95	1.36	3.33	3.19	AMP
				127.85	312.63	8.77	339.13	248.81	151.88	17.46	226.83	PHASE
387	21.39	33.93	658	18.81	12.88	7.49	1.71	2.96	1.86	2.96	3.87	AMP
				131.16	316.68	22.54	347.81	256.48	163.79	33.61	238.26	PHASE
388	21.82	35.87	658	19.48	13.71	8.32	1.87	3.83	1.88	2.52	2.98	AMP
				128.23	387.98	4.88	324.43	234.28	139.87	6.87	283.67	PHASE
389	22.29	37.82	658	28.59	15.67	9.45	1.94	3.28	.61	1.78	2.47	AMP
				128.35	387.98	4.88	321.77	237.88	138.88	351.23	289.99	PHASE
398	22.64	39.63	649	21.22	17.94	18.78	2.22	3.86	4.42	1.97	2.18	AMP
				127.34	386.95	356.79	387.88	236.94	173.68	386.88	288.45	PHASE
391	21.37	21.39	658	11.58	7.85	3.28	1.84	2.89	1.38	2.41	1.22	AMP
				122.92	328.61	2.33	334.56	239.23	134.76	43.17	218.17	PHASE
392	22.86	23.89	658	13.23	9.36	4.71	1.33	2.28	1.44	2.24	2.98	AMP
				125.67	322.69	8.84	329.44	237.78	138.17	37.14	212.55	PHASE
393	22.72	26.86	658	14.95	18.92	5.98	1.54	2.26	1.15	2.89	1.86	AMP
				127.36	321.19	15.88	332.34	236.44	137.45	38.83	228.66	PHASE
394	23.36	29.44	658	16.68	12.28	7.31	1.78	2.33	.88	1.83	1.29	AMP
				125.48	312.84	8.81	319.28	228.17	121.27	18.75	191.23	PHASE
395	24.17	32.67	658	18.82	13.82	8.93	1.83	2.56	1.83	1.56	1.17	AMP
				125.69	318.97	11.34	319.38	218.51	114.32	25.29	167.21	PHASE
396	24.48	35.88	649	19.79	14.57	9.95	1.86	2.67	1.18	1.88	1.27	AMP
				125.67	389.28	11.48	319.82	217.93	116.83	31.55	155.13	PHASE
397	24.71	36.27	651	28.71	15.42	18.54	1.83	2.78	1.87	.73	1.22	AMP
				125.33	388.84	9.67	328.41	216.14	116.52	31.55	148.57	PHASE
398	22.96	16.49	658	8.97	6.55	2.44	1.88	1.38	.74	1.48	.68	AMP
				121.33	332.87	347.28	313.82	247.83	156.98	61.18	224.48	PHASE
399	23.57	18.93	658	123.67	323.57	358.93	387.39	233.85	141.96	39.43	288.45	PHASE
408	24.51	28.69	658	12.37	8.68	5.28	1.22	1.58	.88	1.68	.95	AMP
				121.98	313.99	356.39	298.43	215.15	125.66	11.96	171.99	PHASE
401	25.85	24.78	649	14.59	18.66	6.71	1.22	1.78	.71	1.28	.73	AMP
				128.16	328.39	17.42	314.42	234.88	144.83	41.59	199.48	PHASE
402	25.78	28.57	658	16.58	12.81	8.44	1.22	1.95	.72	1.21	1.86	AMP
				127.58	316.48	28.84	313.44	231.23	129.99	23.21	173.18	PHASE
403	26.13	38.32	658	12.75	12.82	9.61	1.16	2.81	1.86	1.86	1.16	AMP
				126.26	311.53	16.36	311.28	223.28	119.84	8.62	151.78	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 15												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	27.73	63.87	649	21.73	5.57	4.44	18.84	15.46	7.68	5.18	3.52	AMP
				277.92	135.83	276.64	38.58	325.22	37.15	8.51	151.97	PHASE
386	26.82	69.29	658	27.85	7.26	7.14	22.17	17.68	6.84	4.92	3.52	AMP
				298.88	136.76	284.69	43.28	388.97	229.32	29.64	139.88	PHASE
387	24.88	76.53	658	35.71	11.21	9.98	26.17	28.21	9.97	5.86	6.89	AMP
				383.54	144.58	386.87	47.56	313.81	316.19	76.17	156.49	PHASE
388	21.34	97.72	658	42.64	14.44	13.13	28.85	24.48	7.76	5.23	5.86	AMP
				389.23	136.55	292.48	38.48	298.41	7.19	71.34	115.48	PHASE
389	19.65	184.93	658	49.96	19.98	17.78	31.88	26.85	11.78	7.11	6.32	AMP
				319.61	143.22	288.85	25.73	383.24	118.23	113.58	114.84	PHASE
398	18.76	114.84	649	55.54	26.15	24.21	31.89	29.11	23.12	8.75	5.13	AMP
				328.85	147.78	281.17	8.61	295.12	155.21	122.57	188.99	PHASE
391	25.59	49.63	658	14.44	4.82	2.29	17.11	12.58	7.24	5.78	2.83	AMP
				279.89	167.91	258.44	47.61	329.16	323.81	354.81	115.46	PHASE
392	25.25	56.68	658	19.48	5.99	4.83	18.94	14.84	11.68	6.26	4.28	AMP
				293.88	168.41	271.44	46.15	385.35	268.23	4.64	184.22	PHASE
393	25.19	67.98	658	26.39	9.37	6.17	23.62	18.67	15.87	6.64	4.81	AMP
				384.22	156.71	288.35	41.99	388.64	383.16	16.89	115.88	PHASE
394	24.46	77.97	658	32.98	11.96	9.24	29.38	19.23	18.28	6.92	5.82	AMP
				389.94	152.43	273.91	28.88	279.52	388.57	.64	92.71	PHASE
395	23.64	93.52	658	42.22	16.82	15.33	35.88	16.82	5.35	4.76	6.83	AMP
				318.64	155.55	277.78	29.88	281.55	389.63	18.99	98.68	PHASE
396	22.39	95.18	649	46.92	18.83	19.89	36.67	17.29	3.85	4.14	6.59	AMP
				322.88	156.99	278.47	28.61	287.87	319.88	43.49	93.31	PHASE
397	21.67	98.97	651	51.23	28.84	22.12	37.53	16.68	7.43	2.55	6.87	AMP
				326.86	158.99	277.85	24.88	298.89	73.19	43.88	84.87	PHASE
398	25.15	49.48	658	18.11	4.59	2.87	14.47	9.43	9.54	5.39	1.76	AMP
				271.16	218.38	161.45	53.62	323.42	389.36	338.83	189.86	PHASE
399	25.17	53.54	658	13.85	5.67	2.83	19.82	18.68	14.27	6.82	3.48	AMP
				298.42	282.22	244.44	46.72	274.11	272.78	337.61	91.89	PHASE
408	24.61	54.75	658	18.44	7.59	4.39	21.71	13.82	15.79	6.52	3.88	AMP
				383.66	176.93	246.86	25.86	256.24	283.18	321.35	77.87	PHASE
401	25.25	68.71	649	26.18	11.21	8.48	29.17	13.83	4.58	4.58	4.78	AMP
				322.89	179.17	264.35	44.17	265.97	328.97	353.88	189.25	PHASE
402	25.35	87.98	658	34.88	14.27	13.74	36.37	14.12	6.59	3.12	5.95	AMP
				373.73	174.91	264.29	39.67	237.59	295.63	349.47	183.32	PHASE
403	24.95	181.23	658	43.83	16.65	17.59	37.87	13.71	6.28	2.41	5.81	AMP
				330.19	171.41	268.92	31.81	228.31	381.81	356.58	89.81	PHASE

TABLE VII.- Continued

(g) Continued

TORSION 5% PERCENT RADIUS												
PT NO	RUN NO 15		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
385	5.88	11.44	649	7.28 331.86	1.86 128.54	.43 358.82	1.82 255.34	1.93 317.82	.58 52.91	.56 283.19	.88 238.88	AMP PHASE
386	4.83	11.42	658	7.68 338.13	1.77 126.35	.49 336.85	1.95 258.46	1.99 324.73	.64 54.68	.51 271.83	.82 47.24	AMP PHASE
387	2.18	11.35	658	8.86 346.98	1.69 132.68	.48 328.29	1.93 262.82	1.93 331.18	.48 88.47	.64 286.94	.14 135.18	AMP PHASE
388	.17	12.18	658	8.95 348.77	1.52 116.29	.36 345.18	1.77 245.93	1.84 313.84	.36 58.74	.56 277.11	.19 71.96	AMP PHASE
389	-1.87	13.24	658	18.38 353.48	1.48 98.41	.35 3.19	1.85 254.35	2.25 327.88	.72 48.85	.28 335.65	.26 76.39	AMP PHASE
398	-4.19	15.74	649	12.37 355.31	1.87 64.98	.88 23.53	1.61 269.28	3.83 341.78	1.63 39.83	.75 75.84	.49 94.46	AMP PHASE
391	5.84	9.51	658	6.28 331.49	1.39 118.22	.79 328.47	1.69 252.13	1.65 383.98	.31 64.82	.43 288.11	.17 211.98	AMP PHASE
392	3.44	9.48	658	6.55 339.28	1.14 116.34	.84 322.61	1.72 256.38	1.71 311.84	.45 57.49	.42 283.92	.12 221.45	AMP PHASE
393	1.74	9.81	658	7.86 346.21	.93 123.68	.87 313.72	1.73 256.79	1.78 311.37	.36 75.38	.56 298.68	.19 281.49	AMP PHASE
394	.13	18.37	658	7.63 348.88	.87 123.89	.81 291.91	1.81 248.99	1.88 296.66	.22 56.39	.63 273.75	.14 191.55	AMP PHASE
395	-1.76	11.88	658	8.42 355.29	1.81 124.38	.81 278.18	2.87 242.63	1.93 384.47	.34 56.47	.66 263.77	.13 261.94	AMP PHASE
396	-2.69	12.82	649	8.98 357.66	1.18 123.75	.79 254.41	2.26 242.57	2.86 386.98	.39 49.27	.55 262.68	.14 243.88	AMP PHASE
397	-3.78	12.62	651	9.64 359.34	1.32 117.18	.77 247.88	2.38 242.13	2.83 318.12	.51 39.86	.48 262.74	.28 239.36	AMP PHASE
398	4.44	7.67	658	5.65 331.93	.77 95.95	.88 321.79	1.34 251.68	1.38 387.41	.22 56.42	.38 293.14	.15 172.25	AMP PHASE
399	2.88	7.81	658	5.99 338.38	.53 185.89	.89 388.88	1.46 243.39	1.54 295.85	.28 42.98	.41 274.19	.28 134.68	AMP PHASE
400	1.22	7.92	658	6.42 342.38	.27 123.85	.79 294.92	1.38 232.85	1.41 281.18	.28 58.89	.54 257.99	.19 184.83	AMP PHASE
401	-.58	8.88	649	7.15 352.84	.35 172.13	.93 291.44	1.63 249.79	1.68 384.23	.14 37.73	.56 278.62	.83 148.88	AMP PHASE
402	-2.38	18.81	658	7.89 357.48	.58 175.88	.87 266.88	1.97 244.76	1.81 385.43	.24 52.95	.64 254.84	.83 337.88	AMP PHASE
403	-3.38	18.93	658	8.42 358.24	.63 168.88	.18 249.68	2.16 238.69	2.88 382.85	.32 58.86	.61 245.38	.82 313.16	AMP PHASE

TABLE VII.- Continued

(g) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	-5.15	34.70	649	22.25	9.20	6.71	4.73	5.18	2.24	3.38	3.84 AMP
				134.51	332.31	324.60	137.74	239.72	356.21	221.74	22.74 PHASE
386	-3.84	38.40	650	23.74	16.40	6.94	4.49	5.68	2.12	3.13	3.65 AMP
				133.17	332.72	331.82	138.57	246.28	356.10	212.65	34.60 PHASE
387	-2.49	41.10	650	25.36	12.09	7.43	4.65	6.20	1.64	2.95	3.55 AMP
				142.72	335.75	344.84	143.10	258.99	1.72	229.71	48.51 PHASE
388	-1.88	44.19	650	26.60	13.37	8.27	4.70	5.86	1.78	2.63	3.49 AMP
				141.30	325.98	338.71	125.56	239.84	317.98	210.55	11.52 PHASE
389	.22	48.01	650	27.90	14.88	9.37	5.00	6.56	2.10	1.20	3.18 AMP
				144.10	325.87	331.77	127.50	245.97	312.15	217.11	17.05 PHASE
390	1.28	51.79	649	28.49	16.98	10.77	4.77	7.86	2.64	.72	2.79 AMP
				146.13	324.17	328.33	117.59	254.49	310.89	104.63	15.82 PHASE
391	-3.86	30.19	650	29.38	9.58	4.60	3.34	6.87	1.48	2.91	1.24 AMP
				137.04	341.36	305.25	158.42	228.57	324.86	227.84	34.72 PHASE
392	-2.48	33.29	650	21.49	9.77	5.41	3.55	7.25	.00	2.70	.96 AMP
				139.76	337.17	315.01	156.71	232.36	327.03	220.95	25.78 PHASE
393	-1.15	37.93	650	22.84	11.19	5.89	4.06	7.36	.59	2.47	1.12 AMP
				142.20	335.78	322.22	152.58	237.22	312.12	220.54	34.37 PHASE
394	.17	40.60	650	24.12	12.36	6.73	4.16	7.59	.72	2.20	1.54 AMP
				140.09	327.51	320.25	135.46	224.79	280.48	202.91	5.33 PHASE
395	1.54	44.64	650	25.70	14.06	7.86	4.41	7.76	1.35	1.81	1.51 AMP
				142.97	325.23	326.43	133.67	228.08	282.78	215.49	338.13 PHASE
396	2.25	47.50	649	26.51	14.90	8.67	4.34	8.10	1.37	1.18	1.79 AMP
				143.62	323.60	327.79	129.26	229.11	285.14	233.56	324.20 PHASE
397	2.84	49.18	651	27.52	15.79	9.22	4.46	7.89	1.61	.97	1.87 AMP
				144.16	322.27	326.54	123.98	228.75	280.65	251.74	316.87 PHASE
398	-1.79	26.26	650	18.00	7.06	3.97	2.44	6.55	.10	1.95	.62 AMP
				138.54	351.42	297.10	182.54	229.34	111.04	233.22	50.84 PHASE
399	-.58	29.04	650	20.00	8.31	4.24	3.74	7.74	.13	1.96	.62 AMP
				139.45	347.35	302.52	163.61	216.85	202.91	210.54	25.82 PHASE
400	1.00	31.11	650	21.95	9.93	4.84	3.63	7.12	.11	2.86	1.85 AMP
				137.09	332.68	304.92	142.74	201.98	151.35	181.84	347.90 PHASE
401	2.21	56.01	649	22.95	10.61	5.66	4.40	7.66	.32	1.64	.73 AMP
				144.04	333.57	330.42	155.09	224.18	275.68	212.03	16.13 PHASE
402	3.64	39.75	650	24.36	11.90	6.60	5.01	8.02	.51	1.39	1.23 AMP
				144.39	333.22	337.39	145.49	220.31	291.79	192.21	345.00 PHASE
403	4.49	41.44	650	23.24	12.78	7.21	5.10	8.28	.64	1.11	1.46 AMP
				143.39	327.47	333.88	134.01	213.24	286.09	174.96	323.62 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	11.37	27.59	649	6.37	3.57	4.34	7.50	7.89	4.17	1.65	2.02 AMP
				174.61	313.95	322.56	52.63	284.74	17.11	298.24	55.25 PHASE
386	12.27	34.60	650	5.76	4.05	5.62	9.08	10.19	2.66	.99	2.40 AMP
				189.63	316.90	327.20	54.95	277.36	253.68	326.51	62.44 PHASE
387	13.18	36.79	650	4.99	4.35	7.26	10.86	11.99	5.61	.86	2.95 AMP
				214.32	320.60	342.05	58.22	283.82	314.56	60.43	97.26 PHASE
388	13.81	38.52	650	4.84	4.87	9.19	12.13	12.86	4.49	.89	2.92 AMP
				233.81	316.71	325.97	41.39	269.49	333.09	91.86	54.86 PHASE
389	14.55	47.53	650	4.67	4.79	11.50	12.86	14.12	2.17	2.21	2.84 AMP
				261.16	313.07	323.24	37.51	273.21	88.36	124.02	64.30 PHASE
390	15.72	52.60	649	5.04	4.67	14.25	12.62	17.35	6.71	3.62	2.37 AMP
				281.38	304.21	313.54	20.24	269.02	165.10	122.77	57.60 PHASE
391	9.03	23.96	650	6.31	3.16	2.47	6.32	7.16	3.12	2.26	1.47 AMP
				165.39	316.62	311.37	56.50	271.26	311.18	305.02	73.76 PHASE
392	10.34	29.48	650	5.47	3.74	3.89	7.16	9.64	5.22	2.10	2.26 AMP
				176.22	317.75	319.38	54.10	263.97	263.28	321.50	83.13 PHASE
393	12.37	34.07	650	4.36	3.94	4.89	9.09	11.52	7.13	1.95	2.60 AMP
				195.64	318.22	328.79	50.98	265.78	294.60	341.50	93.24 PHASE
394	13.72	35.47	650	3.97	4.34	6.62	11.47	12.25	5.09	2.12	2.71 AMP
				213.19	309.86	322.58	35.86	247.20	287.47	328.30	66.16 PHASE
395	14.93	39.16	650	3.43	4.93	9.44	14.04	11.66	3.67	1.31	2.90 AMP
				253.50	303.94	322.85	37.03	245.53	280.09	330.39	67.11 PHASE
396	15.43	40.52	649	3.69	5.27	11.31	14.94	11.72	2.79	.81	2.32 AMP
				270.39	300.65	321.05	35.23	247.40	287.23	306.56	87.92 PHASE
397	16.15	42.14	651	3.67	5.56	12.54	15.41	10.80	1.54	.67	2.24 AMP
				280.02	293.20	316.33	30.49	252.32	283.03	326.30	54.13 PHASE
398	12.12	20.26	650	6.69	2.93	1.25	4.97	6.76	3.92	2.55	1.10 AMP
				160.61	300.79	298.42	54.3	265.21	298.48	305.03	83.54 PHASE
399	11.27	30.72	650	5.86	3.69	2.52	6.22	9.43	6.20	2.47	1.89 AMP
				164.46	306.25	309.00	50.80	238.21	262.63	305.07	73.84 PHASE
400	10.98	30.95	650	4.90	3.52	3.79	7.90	10.11	6.84	2.25	2.03 AMP
				172.23	302.52	308.30	33.90	225.11	272.64	290.17	49.54 PHASE
401	12.57	33.46	649	2.76	4.00	5.33	10.81	10.84	3.72	1.65	2.34 AMP
				190.86	306.90	327.50	52.36	238.21	304.45	316.43	93.67 PHASE
402	14.72	40.58	650	1.66	4.70	7.30	13.93	12.20	3.78	.91	2.50 AMP
				242.51	301.56	326.72	47.85	223.13	202.67	302.64	79.66 PHASE
403	15.92	44.86	650	1.93	5.12	8.76	15.02	12.35	3.00	.54	1.92 AMP
				275.21	293.70	322.05	40.41	210.41	282.93	300.00	57.56 PHASE

TABLE VII.- Concluded

(g) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	1.89	8.16	649	4.55	2.82	.28	.93	1.21	.15	.62	.14
386	.36	8.34	650	316.90	115.88	156.29	291.18	314.62	146.58	45.98	91.63
387	-1.24	8.82	650	4.71	2.82	.34	.96	1.30	.16	.58	.84
388	-2.73	9.25	650	326.29	124.71	184.24	294.53	318.18	121.28	47.42	55.12
389	-4.19	10.10	650	4.93	2.11	.49	.97	1.20	.16	.44	.85
390	-5.74	11.14	649	338.21	135.55	202.89	297.38	324.57	132.38	66.05	359.01
391	1.62	6.73	650	5.36	2.89	.40	.92	1.13	.16	.46	.89
392	.17	7.13	650	344.28	132.43	183.14	282.86	299.47	73.10	19.89	2.16
393	-1.30	8.07	650	6.13	1.95	.45	.95	1.25	.42	.39	.80
394	-2.67	8.51	650	351.49	137.22	168.39	295.81	308.21	49.17	33.78	357.46
395	-4.25	9.96	650	7.32	1.51	.55	.92	1.47	.78	.45	.14
396	-5.03	10.60	649	354.63	138.88	97.31	326.86	321.18	42.44	28.98	302.35
397	-5.88	10.92	651	3.93	1.51	.12	.85	1.12	.14	.47	.17
398	1.37	5.44	650	315.44	121.18	137.92	291.84	308.57	183.23	58.47	359.16
399	-.11	5.82	650	4.86	1.41	.16	.92	1.15	.18	.48	.27
400	-1.53	5.94	650	326.83	129.58	188.14	298.17	312.32	138.56	56.72	346.67
401	-3.04	7.30	649	4.34	1.44	.23	1.01	1.07	.18	.42	.32
402	-4.58	8.66	650	336.88	140.33	197.47	299.29	318.02	133.97	57.64	351.86
403	-5.45	9.20	650	4.72	1.53	.41	1.02	1.18	.15	.38	.38
				342.56	140.10	183.48	282.68	289.38	184.18	27.16	328.87
				5.28	1.74	.67	1.18	1.25	.32	.35	.41
				351.36	142.64	182.87	277.86	292.78	72.72	45.84	312.80
				5.68	1.83	.81	1.12	1.33	.35	.38	.42
				354.78	143.72	178.38	271.42	294.85	64.68	55.14	318.18
				357.27	142.81	178.93	269.84	292.49	59.28	68.32	314.87
				314.49	126.49	148.87	294.45	308.94	198.31	51.94	351.44
				3.54	.88	.28	.86	.95	.88	.38	.19
				325.73	133.99	193.96	286.74	299.78	184.23	38.47	315.32
				3.83	.98	.24	.88	.77	.14	.26	.14
				333.55	153.56	188.85	276.49	283.44	182.12	353.44	299.33
				4.38	1.12	.45	1.02	.93	.13	.22	.27
				347.57	167.35	205.35	288.85	308.87	73.65	21.84	314.13
				4.92	1.34	.79	1.19	1.14	.38	.11	.33
				354.65	166.70	198.28	274.57	297.93	58.99	32.58	289.88
				5.33	1.51	.99	1.26	1.23	.89	.38	.31
				356.26	161.85	192.87	262.64	293.28	46.65	35.63	276.58

PITCH LINK											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	-4.79	12.80	649	5.92	1.28	1.29	2.35	2.71	1.99	1.51	0.78
386	-3.29	13.16	650	168.85	328.78	156.68	73.37	168.98	199.71	36.97	158.84
387	-1.75	14.83	650	5.96	1.07	1.77	2.57	2.76	.88	1.51	.48
388	-.89	15.78	650	175.88	337.56	158.97	79.88	178.29	281.59	28.64	172.33
389	1.71	16.58	650	6.38	1.83	1.98	2.47	2.85	.41	1.38	.45
390	3.84	21.76	649	186.19	1.95	162.86	83.66	179.48	223.96	46.88	188.98
391	-3.78	9.69	650	7.38	.68	2.39	2.32	3.81	.52	1.14	.58
392	-2.39	10.97	650	187.77	356.12	159.88	59.72	157.48	179.45	16.42	188.88
393	-1.11	12.43	650	8.93	.34	2.78	2.83	3.98	.82	.43	.56
394	.13	14.59	650	192.63	4.43	168.17	64.52	166.12	197.88	335.34	228.75
395	1.62	15.38	650	11.37	.58	3.98	3.32	5.14	1.82	1.55	.94
396	2.41	15.87	649	196.29	176.22	168.99	64.69	174.18	216.69	266.83	255.55
397	3.33	16.74	651	3.24	.44	2.39	1.97	2.33	.68	1.31	.21
398	-2.76	7.98	650	164.24	9.35	145.84	63.68	154.86	174.96	52.72	78.36
399	-1.53	9.86	650	3.61	.55	2.78	2.85	2.53	.98	1.16	.27
400	-.12	9.62	650	176.45	54.52	146.94	67.28	159.98	173.91	47.79	37.43
401	1.09	12.67	649	4.86	.91	2.97	2.81	2.71	.63	1.15	.45
402	2.58	12.43	650	187.73	72.92	147.11	66.66	161.62	166.68	52.18	46.72
403	3.37	13.39	650	4.78	1.12	3.18	2.26	2.98	.71	1.82	.37
				192.48	71.62	136.64	58.58	146.38	144.21	38.67	23.73
				281.26	66.84	133.97	55.93	153.37	144.87	45.36	341.72
				6.68	1.13	3.88	3.85	3.42	.82	.78	.39
				283.72	63.71	129.96	56.98	154.48	158.23	46.54	355.41
				7.76	1.87	3.26	3.23	3.54	.89	.78	.33
				284.75	59.27	138.35	54.38	154.92	166.83	54.53	325.72
				1.75	1.82	2.72	1.45	2.89	.47	1.84	.25
				152.83	88.38	143.23	55.18	155.45	174.99	55.98	11.86
				2.87	1.39	2.93	1.57	2.48	.51	.97	.28
				173.73	82.14	138.84	48.82	144.98	159.42	39.89	8.34
				2.89	1.59	2.87	1.57	2.63	.52	.94	.31
				198.82	76.28	127.86	39.63	129.47	141.67	81.88	18.49
				3.65	1.94	3.28	1.77	2.98	.49	.92	.33
				288.81	85.88	139.29	57.69	153.16	158.82	39.49	353.88
				5.81	1.87	3.12	2.25	3.82	.43	.85	.27
				285.98	79.96	127.72	61.47	153.87	158.93	33.31	388.33
				5.98	1.89	3.18	2.55	3.19	.37	.75	.14
				286.25	75.63	113.94	68.32	149.51	144.35	8.85	281.63

TABLE VIII.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR BASELINE
BLADE WITH SWEEPED TIP AND 0° TABS

(a) $\mu = 0.20$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
440	.1	.0	-.0	.01223	.00117	.00117
441	-.6	.9	2.0	.02776	.00112	.00120
442	-1.3	2.1	4.0	.04159	.00072	.00140
443	-1.7	2.9	5.8	.05362	.00032	.00168
444	-1.7	4.1	7.9	.06837	-.00018	.00220
445	-2.0	3.9	10.2	.08693	.00083	.00274
446	-2.5	4.6	12.0	.10006	.00061	.00332
447	-3.1	5.4	13.9	.11374	.00008	.00436
448	-3.3	5.5	15.2	.12232	.00067	.00327
449	-3.8	6.2	15.9	.12547	-.00053	.00380
450	-.1	.5	.1	.02704	.00459	.00080
451	-.7	1.6	2.0	.04144	.00568	.00074
452	-1.3	2.2	3.9	.05583	.00685	.00079
453	-1.6	2.8	5.9	.07021	.00811	.00095
454	-1.9	3.3	7.9	.08545	.00953	.00128
455	-2.2	3.8	10.0	.10048	.01099	.00174
456	-2.8	4.3	11.8	.11309	.01190	.00243
457	-3.6	5.8	13.8	.12513	.01106	.00377
458	-3.8	6.1	14.9	.13178	.01188	.00441
459	-.4	.9	2.0	.01440	-.00011	.00149
460	-1.1	1.7	3.9	.02741	-.00155	.00177
461	-1.5	2.5	6.1	.04433	-.00314	.00226
462	-1.7	3.8	7.9	.05461	-.00473	.00289
463	-1.9	3.9	9.9	.07115	-.00575	.00336
464	-2.3	4.4	12.0	.08594	-.00694	.00440
465	-2.9	5.0	13.8	.09854	-.00825	.00533
466	-3.5	5.9	15.7	.11171	-.01013	.00656
467	-3.5	5.9	17.0	.11854	-.01004	.00727
468	-.7	1.6	4.0	.01334	-.00135	.00164
469	-1.1	2.5	5.9	.02661	-.00403	.00228
470	-1.5	2.9	8.0	.04179	-.00669	.00309
471	-2.0	3.7	10.0	.05614	-.00966	.00398
472	-2.5	4.4	12.0	.07049	-.01257	.00500
473	-2.8	4.9	13.8	.08398	-.01463	.00602
474	-3.4	5.7	16.1	.09824	-.01804	.00740
475	-3.6	6.1	18.0	.11158	-.01959	.00876
476	-3.9	6.2	18.6	.11637	-.02043	.00943

TABLE VIII.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
440	42.35	13.00	600	4.57	3.63	4.43	3.68	3.20	.36	.70	1.30 AMP
441	44.20	11.66	600	166.93	200.79	71.52	207.20	107.20	253.12	190.62	349.51 PHASE
442	46.05	11.55	600	4.71	3.26	3.86	1.10	2.67	.43	.55	3.98 AMP
443	47.39	10.36	600	152.30	276.64	54.22	260.75	85.97	276.44	192.05	306.87 PHASE
444	49.17	9.47	600	4.93	2.86	3.30	1.38	2.07	.33	.33	3.09 AMP
445	51.25	7.33	600	157.46	275.28	37.07	260.32	87.05	259.70	201.00	300.72 PHASE
446	52.69	9.94	600	4.57	2.40	2.99	1.66	2.51	.51	.27	1.09 AMP
447	54.24	13.99	600	160.22	285.06	33.99	262.31	107.52	279.75	256.74	321.25 PHASE
448	55.33	16.27	600	4.15	2.04	2.97	2.25	1.09	.71	.47	1.24 AMP
449	55.72	16.67	600	159.19	301.97	17.55	259.50	129.01	274.33	272.40	343.52 PHASE
450	43.20	11.83	600	2.55	1.91	2.51	2.65	1.26	.51	.18	.93 AMP
451	44.89	11.69	600	147.01	302.11	352.49	235.21	96.21	231.63	324.03	335.14 PHASE
452	46.41	11.39	600	1.67	1.97	2.32	3.18	1.72	.59	.29	.89 AMP
453	47.94	10.00	600	119.84	336.92	350.81	254.06	148.54	239.26	216.32	92.18 PHASE
454	49.67	9.42	600	64.12	347.74	309.02	230.90	149.52	196.13	160.09	53.30 PHASE
455	51.32	11.70	600	3.27	2.92	2.90	4.01	2.42	1.31	.81	2.11 AMP
456	52.01	16.15	600	40.41	356.31	292.47	234.67	177.34	107.00	173.76	76.00 PHASE
457	54.50	18.95	600	3.93	3.56	3.04	4.95	2.23	1.26	.71	2.33 AMP
458	55.10	20.92	600	40.06	3.46	203.04	229.48	173.01	190.04	175.20	44.71 PHASE
459	43.14	11.76	600	5.38	3.00	3.76	2.20	2.71	.55	.81	.61 AMP
460	44.00	11.79	600	164.56	292.24	80.45	98.01	103.29	302.60	235.76	176.31 PHASE
461	46.00	11.92	600	5.59	3.66	3.31	1.11	2.31	.45	.57	3.36 AMP
462	48.00	12.79	600	161.38	205.11	76.27	233.10	95.71	292.00	235.40	342.45 PHASE
463	48.30	12.56	600	5.27	3.45	3.10	1.46	2.36	.41	.16	.93 AMP
464	51.97	13.99	610	161.23	203.40	63.76	232.70	94.56	291.35	204.55	350.77 PHASE
465	53.61	14.79	600	4.70	3.04	2.91	5.00	2.45	.39	.09	1.30 AMP
466	55.40	15.37	600	160.12	200.07	50.60	213.05	09.05	271.39	162.40	7.97 PHASE
467	56.39	16.26	600	3.86	2.74	2.40	1.29	1.06	.30	.52	1.27 AMP
468	44.00	8.45	600	159.30	206.39	60.42	223.42	125.46	184.01	156.47	51.01 PHASE
469	45.00	9.25	600	2.58	2.32	1.36	2.47	2.06	1.05	.90	1.44 AMP
470	47.73	9.30	600	140.75	295.57	59.19	236.77	171.02	189.00	179.07	123.05 PHASE
471	49.50	8.35	600	1.04	2.04	.37	3.57	2.42	1.03	1.51	1.96 AMP
472	51.55	9.65	600	114.49	303.56	359.43	234.72	104.34	160.60	170.09	125.20 PHASE
473	53.30	10.70	600	2.35	2.52	1.95	4.90	3.33	2.34	1.25	2.24 AMP
474	55.35	11.89	600	65.57	320.20	260.50	240.43	205.34	176.31	190.10	137.17 PHASE
475	57.15	13.79	600	3.41	3.10	3.21	5.30	3.01	2.73	.71	1.90 AMP
476	58.00	15.44	600	50.92	337.61	261.36	244.02	204.06	179.03	184.27	70.24 PHASE
				4.07	2.53	4.14	1.52	3.00	.79	1.30	6.60 AMP
				161.70	204.15	51.20	209.65	118.92	325.00	241.99	59.61 PHASE
				4.20	2.24	3.93	1.03	3.06	.95	1.27	1.72 AMP
				153.52	200.26	25.93	263.36	05.05	297.00	203.20	14.40 PHASE
				4.19	1.91	3.60	2.17	3.41	1.23	1.01	2.43 AMP
				155.62	200.96	10.93	252.75	75.72	200.19	199.56	10.24 PHASE
				4.23	1.37	3.43	2.33	3.16	1.66	.05	2.00 AMP
				152.91	307.53	359.25	249.51	63.63	273.52	189.00	.96 PHASE
				3.17	1.19	3.50	2.70	2.61	1.90	.63	3.45 AMP
				153.04	340.92	5.55	250.19	40.12	202.94	213.35	0.37 PHASE
				2.13	1.44	3.25	3.30	3.33	2.33	.16	3.03 AMP
				127.75	2.43	329.06	226.00	10.00	250.74	169.62	320.04 PHASE
				1.90	2.10	3.15	3.62	3.63	2.50	.11	3.70 AMP
				90.17	24.07	326.42	237.94	30.00	273.00	104.12	351.20 PHASE
				3.05	3.16	3.17	4.00	3.49	2.62	.25	4.01 AMP
				59.05	34.92	309.55	225.20	21.30	250.20	133.43	342.00 PHASE
				4.40	3.70	3.27	4.44	2.54	2.50	.12	4.20 AMP
				42.33	30.21	290.36	200.04	13.63	234.00	162.19	327.19 PHASE
				3.67	1.34	2.72	.00	2.54	.62	.66	1.30 AMP
				150.05	206.74	23.00	263.37	74.14	207.94	197.20	0.55 PHASE
				4.00	1.22	2.60	.94	2.34	.59	.54	1.49 AMP
				147.03	296.10	10.23	257.20	60.94	271.74	101.57	357.16 PHASE
				3.04	1.11	2.66	1.17	2.25	.01	.41	1.56 AMP
				147.30	319.96	1.70	250.20	40.52	262.74	163.91	343.25 PHASE
				3.55	1.09	2.51	1.23	1.99	.00	.26	1.04 AMP
				144.55	355.21	5.59	259.11	46.30	201.75	210.42	5.56 PHASE
				3.09	1.54	2.46	1.43	2.40	.97	.21	2.13 AMP
				120.54	10.97	342.31	236.01	14.76	240.01	100.52	326.64 PHASE
				2.59	2.23	2.45	1.67	2.02	1.04	.50	2.10 AMP
				105.05	21.02	321.33	229.02	0.60	240.73	05.14	313.10 PHASE
				3.27	3.10	2.07	1.93	2.77	1.10	.72	2.19 AMP
				69.57	25.45	200.77	209.45	349.02	213.97	67.09	277.37 PHASE
				5.17	4.29	3.54	2.30	2.56	1.41	.76	2.59 AMP
				40.03	35.74	200.25	204.42	351.73	215.41	71.42	209.37 PHASE
				6.37	4.01	3.04	2.73	2.50	1.51	1.07	2.01 AMP
				40.95	32.02	265.53	105.53	334.46	196.00	40.02	262.17 PHASE

TABLE VIII.- Continued

(a) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
448	65.36	11.36	608	5.56	2.11	.73	.86	.26	2.58	.53	.29 AMP
441	62.97	14.33	608	254.21	93.19	252.92	38.97	154.81	241.29	295.79	349.81 PHASE
442	61.58	21.15	608	5.64	2.18	1.87	.54	.48	4.84	.33	.53 AMP
443	68.48	38.18	608	267.59	186.77	268.23	3.37	141.14	258.88	338.65	314.18 PHASE
444	58.66	43.83	608	9.82	2.96	3.42	.87	1.42	5.76	1.37	.45 AMP
445	56.88	68.41	608	275.91	188.84	246.41	338.31	173.16	299.26	334.46	326.23 PHASE
446	53.57	77.83	607	18.42	6.39	3.75	1.65	2.17	4.62	2.58	.28 AMP
447	58.94	95.39	608	381.38	188.47	233.18	313.29	255.22	357.39	2.92	342.96 PHASE
448	48.98	184.98	608	31.78	9.28	6.32	8.88	1.95	2.79	2.78	.56 AMP
449	48.79	118.16	608	328.41	184.28	199.87	316.22	291.24	73.37	38.87	332.15 PHASE
450	57.23	17.47	608	45.67	18.55	12.88	3.16	2.19	8.85	2.13	.73 AMP
451	55.89	21.62	608	336.39	181.13	189.88	381.65	23.36	26.44	278.28	389.73 PHASE
452	54.53	31.95	608	58.83	18.48	15.87	4.61	2.32	2.14	3.58	.25 AMP
453	52.21	48.44	608	349.13	118.89	215.42	314.86	187.77	49.31	328.82	313.49 PHASE
454	49.63	51.32	609	72.37	9.88	17.17	7.88	1.24	1.95	3.56	.87 AMP
455	46.73	68.91	608	348.74	95.22	286.87	295.78	68.41	4.18	288.77	314.75 PHASE
456	44.39	88.66	607	82.27	9.38	17.58	7.54	.76	6.42	2.93	.85 AMP
457	43.92	98.82	609	356.38	184.18	214.49	385.46	5.68	358.56	279.77	244.39 PHASE
458	42.82	189.83	608	85.91	8.38	18.13	7.45	1.15	5.39	2.27	1.81 AMP
459	56.88	15.17	608	354.55	181.85	211.33	382.76	71.85	5.54	277.78	288.64 PHASE
460	55.94	18.54	608	8.69	2.77	2.27	1.87	1.15	1.58	.82	.63 AMP
461	55.91	21.32	608	263.35	112.81	262.52	85.55	261.79	256.28	63.11	287.58 PHASE
462	55.76	32.73	608	12.74	3.18	4.87	1.88	1.61	2.78	.48	.21 AMP
463	54.67	49.68	608	271.44	184.18	264.81	77.93	248.29	281.89	22.50	67.83 PHASE
464	54.87	78.26	618	19.41	5.54	4.52	.53	1.84	5.67	1.32	.45 AMP
465	61.55	83.97	608	289.53	97.54	273.42	48.64	258.79	339.77	352.65	88.14 PHASE
466	51.58	188.68	608	28.18	8.97	2.41	1.49	2.64	5.72	1.82	.53 AMP
467	58.41	112.79	608	388.81	98.87	234.58	322.58	283.57	24.35	28.68	26.29 PHASE
468	55.89	12.77	608	39.88	11.36	5.55	2.28	2.34	3.68	.68	.81 AMP
469	56.88	12.36	608	327.58	118.44	282.68	341.64	343.85	36.33	188.31	53.28 PHASE
470	56.72	28.36	608	53.56	12.26	18.58	3.14	2.18	3.24	1.68	.49 AMP
471	57.18	36.73	608	342.72	114.84	218.32	322.75	73.99	73.58	276.58	86.21 PHASE
472	57.84	53.68	608	64.12	12.91	13.84	4.68	2.87	1.56	2.73	.42 AMP
473	55.95	72.88	608	347.61	189.73	219.89	311.34	119.19	275.97	249.21	134.17 PHASE
474	55.87	88.68	608	77.58	13.18	14.44	6.28	1.82	4.24	4.18	1.82 AMP
475	54.15	111.57	607	348.85	183.18	211.46	384.28	137.66	317.87	265.59	264.83 PHASE
476	53.12	119.11	608	86.11	13.31	14.88	5.57	2.85	8.25	2.85	.21 AMP
				353.68	185.25	216.86	386.33	189.97	334.38	237.81	276.48 PHASE
				3.81	1.72	1.97	.58	2.36	6.81	.85	.34 AMP
				273.88	118.55	272.43	39.79	183.63	271.55	3.72	122.22 PHASE
				4.47	2.52	2.64	.85	2.78	7.78	1.32	.66 AMP
				282.86	93.65	249.99	348.88	66.81	254.85	313.36	54.89 PHASE
				9.87	5.23	4.27	1.14	2.14	7.76	2.42	1.81 AMP
				299.14	95.18	228.84	328.88	333.17	298.28	318.62	73.85 PHASE
				20.48	7.27	5.47	1.96	3.36	2.68	2.34	.69 AMP
				311.58	97.28	198.28	312.91	388.19	347.55	348.21	78.24 PHASE
				32.97	8.28	18.43	3.83	4.93	1.22	5.88	1.89 AMP
				335.84	181.75	194.88	338.92	343.87	183.12	229.48	64.58 PHASE
				48.91	7.36	15.26	3.54	3.38	.95	2.56	.99 AMP
				342.24	85.37	198.57	384.14	336.45	186.98	232.28	.23 PHASE
				61.59	6.42	17.83	4.79	1.72	1.38	3.27	.82 AMP
				351.21	81.78	288.59	313.51	348.83	142.34	286.49	38.62 PHASE
				77.64	6.51	19.51	5.88	1.87	1.51	3.76	.73 AMP
				352.53	68.68	287.64	318.42	388.85	93.84	284.59	28.38 PHASE
				87.73	6.38	19.49	6.29	3.38	3.55	2.77	.25 AMP
				355.32	53.78	284.94	386.38	262.84	357.32	245.53	63.95 PHASE
				2.48	1.24	2.38	5.88	2.47	3.18	.57	.48 AMP
				297.62	118.98	249.82	47.73	34.55	256.93	328.71	79.48 PHASE
				4.39	2.25	3.45	.89	2.88	4.14	.78	.59 AMP
				382.85	97.47	237.66	18.88	353.78	274.96	327.23	68.68 PHASE
				18.89	4.37	4.33	1.48	3.88	4.86	1.13	.38 AMP
				318.71	99.23	283.83	346.87	388.22	315.24	358.41	65.88 PHASE
				22.61	5.22	8.23	2.89	3.72	.92	.74	.53 AMP
				336.58	118.19	198.25	4.68	339.82	388.82	112.43	63.88 PHASE
				35.98	4.68	12.42	2.68	3.89	4.45	1.82	.62 AMP
				343.28	182.12	191.24	349.95	336.35	48.84	223.24	21.62 PHASE
				51.66	2.86	16.86	2.98	1.49	1.93	1.72	.78 AMP
				349.88	85.76	196.47	333.23	324.68	92.53	278.85	23.86 PHASE
				69.71	2.47	18.73	3.98	2.12	3.15	1.59	.64 AMP
				358.84	43.32	198.48	314.38	226.58	45.31	381.45	1.19 PHASE
				98.89	3.15	19.84	4.53	6.79	4.89	.97	.32 AMP
				357.81	18.89	283.16	331.78	245.18	25.53	144.84	341.31 PHASE
				98.71	3.16	18.53	4.31	8.13	5.19	1.75	.19 AMP
				357.78	2.73	192.26	318.52	233.84	5.62	163.89	3.64 PHASE

TABLE VIII.- Continued

(a) Continued

TORSION 20 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
440	4.68	5.52	688	3.19	2.19	.82	.51	.47	.58	.61	.31	AMP
				293.37	111.97	61.38	381.21	114.52	162.95	282.52	334.29	PHASE
441	2.45	5.24	688	2.72	2.88	.74	.68	.16	.44	.47	.38	AMP
				383.34	188.86	51.72	272.34	119.68	145.43	271.28	324.26	PHASE
442	.49	4.98	688	2.58	1.94	.73	.78	.85	.43	.52	.39	AMP
				317.45	94.84	47.84	249.85	348.41	138.31	295.86	338.37	PHASE
443	-1.28	5.28	688	2.55	1.87	.56	1.88	.84	.48	.48	.43	AMP
				335.28	92.25	72.87	242.33	343.45	182.94	325.51	9.81	PHASE
444	-3.59	6.55	688	3.12	2.88	.58	1.68	.21	.29	.61	.62	AMP
				352.24	86.57	114.32	236.32	215.88	282.41	353.11	26.36	PHASE
445	-6.15	7.48	688	4.85	2.38	.68	2.84	.44	.44	.78	.65	AMP
				1.88	73.81	141.36	228.18	253.55	312.32	338.43	356.93	PHASE
446	-8.39	9.13	687	5.28	2.67	1.83	2.44	.56	.74	1.11	.65	AMP
				12.24	82.15	173.35	242.72	384.44	1.63	18.99	72.49	PHASE
447	-18.79	12.86	688	6.86	3.21	1.53	2.97	.69	1.16	1.28	1.19	AMP
				9.94	71.62	176.87	226.83	385.91	352.74	1.85	57.67	PHASE
448	-12.49	13.82	688	8.28	3.36	1.88	3.15	.69	1.37	1.44	1.38	AMP
				12.88	74.95	281.92	239.31	319.15	7.87	6.89	71.86	PHASE
449	-13.43	15.37	688	9.86	3.59	2.87	3.22	1.81	1.66	1.73	1.69	AMP
				18.83	72.52	283.38	239.26	333.11	4.84	357.56	58.32	PHASE
450	3.56	5.13	688	2.85	2.28	.74	.33	.56	.13	.24	.31	AMP
				318.58	111.13	74.98	325.12	62.38	193.85	292.17	249.57	PHASE
451	1.58	4.82	688	2.61	2.88	.72	.26	.45	.22	.22	.12	AMP
				322.87	183.35	79.93	291.34	46.27	146.59	381.81	28.58	PHASE
452	-.42	4.56	688	2.58	2.89	.74	.36	.33	.35	.26	.29	AMP
				336.55	94.71	91.12	227.31	27.97	165.85	338.63	58.34	PHASE
453	-2.55	5.88	688	2.91	2.21	.79	.78	.38	.44	.33	.54	AMP
				349.73	85.54	112.88	216.56	351.88	283.14	328.61	47.63	PHASE
454	-5.85	6.84	689	3.88	2.42	.92	1.32	.21	.29	.33	.53	AMP
				359.84	84.86	147.48	231.78	295.76	257.84	345.18	77.59	PHASE
455	-7.67	9.59	688	5.13	2.76	1.38	2.83	.31	.89	.23	.35	AMP
				5.44	86.93	183.19	248.23	318.18	24.58	22.93	139.27	PHASE
456	-9.95	11.62	687	6.48	3.81	1.88	2.28	.31	.27	.48	.31	AMP
				7.37	86.36	198.39	245.67	186.71	173.79	388.23	139.66	PHASE
457	-12.62	13.14	689	8.28	3.22	2.88	2.46	.43	.26	1.11	.19	AMP
				7.58	81.76	216.86	258.48	176.26	321.88	323.81	223.18	PHASE
458	-14.27	15.29	688	7.58	2.81	2.19	1.75	.69	1.12	1.83	.89	AMP
				6.63	88.47	258.14	265.57	179.44	328.11	351.35	76.89	PHASE
459	2.69	4.81	688	2.76	1.96	.62	.59	.56	.39	.56	.83	AMP
				294.94	99.71	52.18	282.25	182.85	146.79	384.58	341.57	PHASE
460	1.88	4.47	688	2.44	1.77	.47	.72	.38	.34	.68	.22	AMP
				385.99	87.83	38.87	252.16	67.56	92.83	275.84	56.58	PHASE
461	-1.16	4.56	688	2.38	1.63	.35	.96	.31	.27	.72	.59	AMP
				338.82	82.34	68.74	233.16	2.17	84.27	385.28	67.31	PHASE
462	-2.99	6.33	688	2.71	1.58	.31	1.27	.68	.88	.85	.82	AMP
				345.25	75.87	184.82	229.28	345.54	49.83	315.86	68.42	PHASE
463	-5.21	7.28	688	3.43	1.79	.49	1.74	.87	.52	.93	1.32	AMP
				2.84	75.13	154.72	237.18	327.88	4.19	341.46	63.34	PHASE
464	-7.66	8.78	618	4.49	2.15	.78	2.18	1.49	.74	1.88	1.68	AMP
				6.38	61.33	163.76	217.83	298.81	334.38	317.84	16.58	PHASE
465	-9.64	18.13	688	5.56	2.41	1.11	2.45	1.86	.97	1.89	1.72	AMP
				14.79	66.86	186.86	232.28	321.49	354.93	349.62	48.18	PHASE
466	-11.84	11.94	688	7.11	2.89	1.62	2.78	2.14	1.25	1.87	1.89	AMP
				16.18	63.86	185.18	225.68	319.31	358.38	343.53	39.22	PHASE
467	-13.17	14.48	688	8.44	3.33	2.13	2.95	2.34	1.78	1.27	2.22	AMP
				14.78	61.61	185.19	218.14	318.37	386.64	339.24	22.88	PHASE
468	1.58	3.76	688	2.37	1.47	1.45	.58	.26	.23	.36	.24	AMP
				299.82	87.38	48.83	254.38	33.11	181.58	279.26	79.88	PHASE
469	-.33	3.63	688	2.17	1.28	.32	.65	.24	.26	.39	.36	AMP
				317.32	81.86	48.16	244.34	351.84	76.45	283.18	73.34	PHASE
470	-2.39	3.78	688	2.21	1.17	.23	.84	.37	.23	.51	.48	AMP
				339.52	75.24	77.75	233.25	338.83	94.59	288.25	48.91	PHASE
471	-4.52	4.89	688	2.68	1.26	.31	1.11	.47	.27	.46	.63	AMP
				368.88	75.48	139.11	244.13	328.55	43.95	325.83	66.31	PHASE
472	-6.85	5.87	688	3.58	1.39	.51	1.32	.88	.34	.39	.73	AMP
				8.23	63.21	154.36	227.95	318.88	15.27	297.91	31.21	PHASE
473	-8.99	7.42	688	4.56	1.61	.73	1.47	.97	.87	.38	.78	AMP
				13.88	59.31	172.13	221.99	388.67	1.17	263.78	17.26	PHASE
474	-11.37	9.85	688	5.99	1.98	.93	1.59	1.12	.68	.29	.86	AMP
				15.42	52.61	177.14	281.69	291.24	332.18	219.66	343.93	PHASE
475	-13.42	11.13	687	7.68	2.48	1.23	1.81	1.21	1.84	.22	1.86	AMP
				19.94	56.19	198.95	283.45	292.49	337.43	384.89	5.84	PHASE
476	-14.51	12.71	688	8.78	2.66	1.34	1.88	1.21	1.84	.84	1.88	AMP
				18.38	52.88	187.82	187.58	283.78	327.23	356.19	336.26	PHASE

TABLE VIII.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
440	25.59	15.17	600	6.96	5.56	4.67	.81	1.50	.24	.12	.37	AMP
441	27.34	14.39	600	148.53	284.18	62.18	282.97	111.71	283.43	266.48	171.31	PHASE
442	29.04	14.26	600	7.44	5.13	4.27	1.09	1.25	.22	.28	.28	AMP
443	30.52	14.05	600	147.92	278.82	43.01	278.01	88.84	287.67	218.65	143.55	PHASE
444	32.38	14.11	600	7.94	4.78	3.92	1.30	1.42	.17	.25	.14	AMP
445	34.33	14.39	600	147.75	277.00	26.03	267.82	86.17	260.69	182.38	135.00	PHASE
446	35.84	15.68	607	8.22	4.48	4.04	1.44	1.19	.29	.23	.31	AMP
447	37.58	16.21	600	151.39	288.84	21.48	274.72	113.90	284.77	225.66	149.76	PHASE
448	38.70	15.82	600	8.84	4.12	4.38	1.97	.69	.37	.15	.43	AMP
449	39.36	16.04	600	153.27	283.58	8.02	268.34	151.03	290.83	222.25	178.12	PHASE
450	41.63	16.54	607	8.97	4.89	4.38	2.18	.24	.25	.32	.36	AMP
451	42.44	17.31	600	158.68	276.24	346.96	245.56	187.54	251.29	188.52	148.26	PHASE
452	29.22	15.51	600	9.05	3.73	4.45	2.52	.54	.19	.31	.26	AMP
453	38.81	15.44	600	156.47	293.24	355.62	265.68	167.78	247.48	231.38	246.49	PHASE
454	32.59	15.10	609	9.07	3.47	4.52	3.03	.91	.27	.27	.38	AMP
455	34.37	14.10	600	158.27	293.45	338.72	248.92	162.88	189.93	202.16	228.33	PHASE
456	36.01	14.07	607	8.87	3.65	4.37	3.58	1.32	.50	.31	.57	AMP
457	37.90	14.47	609	158.24	303.51	321.28	245.08	189.25	195.70	201.84	258.52	PHASE
458	38.60	15.83	600	8.99	3.68	4.25	3.62	1.48	.70	.36	.62	AMP
459	27.54	13.89	600	147.28	311.01	316.24	237.46	184.11	195.07	182.14	215.75	PHASE
460	29.16	13.61	600	8.10	5.91	3.77	.23	1.33	.26	.17	.17	AMP
461	31.00	13.68	600	147.71	294.74	73.58	292.01	102.98	325.26	283.23	331.43	PHASE
462	32.56	15.17	600	8.61	5.76	3.56	.41	1.05	.18	.13	.07	AMP
463	34.28	15.36	600	147.68	287.79	59.47	283.54	92.18	323.74	238.07	288.90	PHASE
464	36.22	15.02	610	8.90	5.65	3.45	.71	1.10	.25	.23	.28	AMP
465	37.03	16.68	600	148.51	282.41	45.01	266.14	96.61	258.52	218.11	168.36	PHASE
466	39.64	17.03	600	9.29	5.38	3.31	.75	1.01	.31	.19	.44	AMP
467	40.51	16.54	600	148.71	276.06	34.62	256.57	94.86	263.14	211.65	183.44	PHASE
468	29.14	10.37	600	9.51	5.15	3.23	1.26	.79	.28	.44	.44	AMP
469	38.77	18.69	600	152.00	279.65	38.12	249.43	152.72	232.91	209.73	238.48	PHASE
470	32.44	11.91	600	9.54	4.82	2.92	1.99	1.11	.46	.26	.53	AMP
471	34.13	11.96	600	153.69	282.53	28.94	253.53	203.79	234.84	266.19	298.08	PHASE
472	36.85	12.74	600	9.51	4.68	2.62	2.65	1.48	.58	.24	.67	AMP
473	37.81	13.92	600	151.25	288.11	357.08	246.48	213.26	218.18	253.17	302.48	PHASE
474	39.85	15.14	600	9.41	4.63	3.16	3.72	2.38	.76	.21	.74	AMP
475	41.63	16.54	607	147.98	288.21	316.21	247.55	223.68	208.69	198.86	322.11	PHASE
476	42.44	17.31	600	9.46	5.31	3.85	4.04	2.68	.92	.37	.64	AMP
				146.69	298.20	38.08	258.83	224.07	201.15	176.48	261.35	PHASE
				6.77	4.38	4.67	1.36	1.85	.27	.03	.19	AMP
				146.76	285.91	46.65	291.87	123.08	5.92	222.53	238.38	PHASE
				7.15	4.83	4.61	1.63	1.98	.23	.05	.48	AMP
				143.93	278.01	21.67	266.21	88.98	338.93	103.89	197.14	PHASE
				7.72	3.78	4.73	1.76	1.75	.31	.11	.68	AMP
				147.34	278.24	7.38	268.55	81.95	259.66	191.42	198.77	PHASE
				8.33	3.89	4.89	1.79	1.56	.49	.16	.76	AMP
				147.00	282.14	357.47	254.72	68.54	265.97	218.79	171.88	PHASE
				8.65	2.71	5.38	2.08	1.41	.68	.16	.89	AMP
				152.92	287.18	358.58	257.78	42.18	287.04	209.92	185.07	PHASE
				8.92	2.88	5.24	2.29	2.05	.78	.31	1.06	AMP
				149.39	279.77	338.06	236.36	7.68	255.88	196.77	134.76	PHASE
				9.11	1.62	5.18	2.39	2.46	.68	.22	1.02	AMP
				153.07	300.14	344.32	247.98	29.48	278.48	214.86	162.36	PHASE
				9.38	1.19	5.24	2.54	2.58	.72	.17	1.06	AMP
				158.58	331.49	333.31	234.08	21.28	262.41	173.27	151.17	PHASE
				9.19	1.42	4.86	2.79	1.97	.92	.22	1.06	AMP
				146.71	345.23	328.25	215.89	13.94	217.81	144.26	148.34	PHASE
				6.29	2.67	3.58	.82	1.26	.21	.05	.31	AMP
				142.63	281.78	21.82	263.91	76.22	302.89	177.37	197.39	PHASE
				6.89	2.58	3.67	.92	1.28	.18	.12	.37	AMP
				143.48	283.42	9.85	261.35	65.07	248.68	181.63	185.69	PHASE
				7.43	2.39	3.95	1.08	1.18	.31	.16	.43	AMP
				145.57	288.98	358.14	253.44	56.26	234.91	178.94	165.41	PHASE
				7.92	2.88	4.19	.95	1.06	.32	.13	.47	AMP
				158.82	301.58	4.87	262.98	48.99	272.56	177.95	182.67	PHASE
				8.31	1.88	4.48	1.03	1.46	.31	.17	.61	AMP
				149.12	386.81	347.74	243.25	9.51	239.37	288.48	147.98	PHASE
				8.74	1.88	4.61	1.22	1.79	.34	.20	.62	AMP
				149.89	323.95	338.39	231.39	4.67	234.02	248.85	138.67	PHASE
				9.12	1.46	4.87	1.39	1.97	.37	.13	.67	AMP
				147.04	344.22	318.63	218.12	348.23	197.31	263.42	85.34	PHASE
				9.41	1.79	5.11	1.83	2.08	.44	.16	.84	AMP
				149.01	12.55	314.85	218.08	.15	281.85	114.18	185.64	PHASE
				9.44	1.92	5.16	2.13	2.88	.52	.26	.92	AMP
				145.62	16.49	299.32	193.24	345.75	181.54	118.09	88.49	PHASE

TABLE VIII.- Continued

(a) Continued

CHORDWISE 37 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
440	34.40	11.92	600	4.98	1.00	.19	1.23	.31	3.59	.72	.24	AMP
441	32.10	15.07	600	263.65	73.16	187.84	49.38	213.13	239.20	276.75	231.63	PHASE
442	30.30	22.74	600	5.91	2.37	1.18	1.88	.41	5.40	.61	.10	AMP
443	28.81	28.98	600	266.86	91.26	273.65	4.27	189.82	246.59	320.84	172.55	PHASE
444	27.20	30.47	600	8.72	3.29	2.75	1.54	1.53	8.82	2.21	.29	AMP
445	24.28	50.52	600	274.94	100.94	261.53	336.72	168.87	297.78	327.76	184.82	PHASE
446	21.23	64.38	600	15.87	5.95	3.15	2.66	2.88	6.96	4.12	.56	A/P
447	17.64	70.43	600	297.50	101.14	250.62	329.28	245.83	354.83	359.78	134.72	PHASE
448	14.98	88.03	600	24.59	8.49	4.62	4.44	2.80	4.39	5.44	.65	AMP
449	14.44	91.73	600	316.75	105.36	220.99	325.93	283.54	68.96	40.52	165.96	PHASE
450	27.75	17.93	600	34.46	10.27	9.29	5.17	2.48	3.23	3.86	.27	AMP
451	26.39	21.41	600	332.29	100.67	283.62	387.68	11.74	26.86	247.41	234.89	PHASE
452	24.81	30.52	600	44.64	11.82	12.68	7.24	2.82	3.72	5.67	1.10	AMP
453	22.63	37.56	600	345.47	110.84	228.67	321.63	90.78	54.82	319.43	268.98	PHASE
454	19.89	44.60	600	55.60	11.82	15.81	10.79	3.80	5.97	1.15	.15	AMP
455	16.87	61.69	600	345.22	98.84	221.22	299.62	12.16	15.84	283.55	221.59	PHASE
456	12.63	72.57	600	63.40	10.64	17.28	12.85	1.50	8.29	4.50	3.66	AMP
457	10.41	82.53	600	352.52	106.17	229.73	385.97	312.44	350.63	277.45	241.75	PHASE
458	7.69	91.65	600	66.15	9.66	17.82	11.92	2.80	6.55	3.74	4.13	AMP
459	25.42	18.22	600	350.98	105.99	227.82	383.65	58.18	8.39	276.80	216.24	PHASE
460	25.04	22.65	600	8.50	2.70	1.58	1.28	1.63	2.33	1.15	.77	AMP
461	24.52	25.66	600	262.81	91.86	239.89	79.84	260.44	254.89	68.86	238.41	PHASE
462	24.02	29.99	600	11.68	3.38	3.31	1.89	1.92	4.80	4.69	.15	AMP
463	22.49	40.40	600	270.75	100.84	266.89	53.89	240.11	280.19	19.54	121.55	PHASE
464	20.79	56.79	600	16.21	5.57	3.66	1.81	1.89	8.58	2.17	1.36	AMP
465	18.60	69.21	600	286.61	97.82	279.39	15.50	256.34	336.98	345.92	135.36	PHASE
466	16.52	82.04	600	22.46	8.79	2.24	2.19	2.38	8.87	3.34	.93	AMP
467	15.04	92.56	600	305.84	98.17	249.88	335.84	277.83	21.83	20.43	177.33	PHASE
468	14.44	14.44	600	30.63	11.28	4.32	3.13	2.16	5.62	1.91	.25	AMP
469	14.44	14.44	600	323.87	108.17	220.11	344.31	340.80	36.80	185.93	257.70	PHASE
470	14.44	14.44	600	41.95	12.78	9.34	5.27	1.99	5.83	3.34	2.21	AMP
471	14.44	14.44	600	339.18	111.91	232.85	327.15	57.57	64.64	271.83	334.83	PHASE
472	14.44	14.44	600	50.58	13.89	12.56	7.53	1.85	2.50	5.82	1.77	AMP
473	14.44	14.44	600	344.18	109.78	235.49	315.80	126.25	292.59	247.70	315.54	PHASE
474	14.44	14.44	600	61.81	14.24	14.72	10.63	1.50	7.16	6.30	3.28	AMP
475	14.44	14.44	600	345.34	105.99	231.20	387.30	241.70	319.50	260.88	388.12	PHASE
476	14.44	14.44	600	69.89	14.89	15.14	10.41	4.38	12.05	5.84	5.21	AMP
477	14.44	14.44	600	350.53	109.79	240.89	389.64	235.93	330.59	234.90	277.79	PHASE
478	14.44	14.44	600	3.91	1.67	1.21	1.22	2.69	8.36	1.71	.24	AMP
479	14.44	14.44	600	271.42	91.49	293.43	20.21	180.26	269.60	22.85	223.60	PHASE
480	14.44	14.44	600	5.86	2.51	2.18	1.55	3.27	10.75	2.51	.61	AMP
481	14.44	14.44	600	278.86	95.86	275.17	343.52	68.17	252.23	322.44	148.49	PHASE
482	14.44	14.44	600	9.09	4.70	3.66	2.18	2.20	11.47	4.21	2.10	AMP
483	14.44	14.44	600	295.12	98.60	253.89	327.34	349.68	295.81	320.80	135.81	PHASE
484	14.44	14.44	600	16.58	6.20	4.12	3.27	3.16	4.20	4.39	2.63	AMP
485	14.44	14.44	600	303.15	98.99	224.93	323.25	319.27	340.50	341.86	147.46	PHASE
486	14.44	14.44	600	25.25	7.35	7.41	4.69	5.79	1.53	1.11	3.44	AMP
487	14.44	14.44	600	330.57	104.83	215.87	339.65	350.89	189.80	170.80	145.52	PHASE
488	14.44	14.44	600	36.62	7.88	12.16	5.67	5.34	1.80	5.86	3.40	AMP
489	14.44	14.44	600	338.80	89.90	286.84	389.46	345.50	88.37	218.44	185.47	PHASE
490	14.44	14.44	600	46.17	8.71	18.14	7.18	4.17	1.80	6.87	3.76	AMP
491	14.44	14.44	600	347.20	91.80	223.25	320.13	11.65	113.84	276.95	135.37	PHASE
492	14.44	14.44	600	80.61	6.84	17.47	8.73	4.26	3.20	8.90	4.41	AMP
493	14.44	14.44	600	348.90	76.21	221.94	315.33	353.52	76.76	280.32	124.42	PHASE
494	14.44	14.44	600	65.92	6.87	18.23	9.80	3.63	5.37	5.84	6.56	AMP
495	14.44	14.44	600	351.53	71.84	217.44	385.81	383.95	3.43	246.89	110.59	PHASE
496	14.44	14.44	600	2.96	1.22	1.00	.84	3.81	4.57	1.31	.95	AMP
497	14.44	14.44	600	288.14	104.29	272.29	13.89	37.18	255.40	337.34	159.81	PHASE
498	14.44	14.44	600	4.73	2.15	2.91	1.40	2.38	6.16	1.51	1.33	AMP
499	14.44	14.44	600	297.85	105.65	261.66	2.34	2.47	272.99	330.31	134.97	PHASE
500	14.44	14.44	600	9.38	3.75	3.31	2.25	2.98	6.87	2.13	1.54	AMP
501	14.44	14.44	600	313.71	101.43	229.25	347.64	317.85	310.56	4.95	140.59	PHASE
502	14.44	14.44	600	17.69	4.53	8.84	7.17	4.27	1.55	2.23	1.70	AMP
503	14.44	14.44	600	332.19	112.13	216.11	3.75	344.96	386.14	113.93	149.53	PHASE
504	14.44	14.44	600	27.21	4.26	9.20	4.10	4.43	.69	2.47	1.81	AMP
505	14.44	14.44	600	339.24	104.70	287.80	347.51	342.54	20.89	197.69	113.27	PHASE
506	14.44	14.44	600	38.59	3.11	12.85	4.74	3.34	3.86	3.59	2.43	AMP
507	14.44	14.44	600	346.10	96.29	210.53	336.96	342.28	83.47	258.61	83.56	PHASE
508	14.44	14.44	600	52.12	2.40	15.78	6.81	2.56	5.44	3.12	3.81	AMP
509	14.44	14.44	600	347.81	71.65	284.88	318.55	287.45	43.87	284.24	51.36	PHASE
510	14.44	14.44	600	67.85	2.63	18.86	6.93	7.80	7.65	2.18	3.81	AMP
511	14.44	14.44	600	354.68	54.13	216.76	329.55	266.60	29.84	137.32	78.88	PHASE
512	14.44	14.44	600	73.84	2.44	17.45	6.66	8.73	8.15	4.87	3.45	AMP
513	14.44	14.44	600	354.53	44.52	286.80	314.25	250.87	9.46	153.99	59.80	PHASE

TABLE VIII.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
448	4.35	5.16	608	3.15	2.21	.74	.42	.41	.49	.46	.23	AMP
				286.83	96.67	36.98	273.65	77.58	118.64	235.96	291.80	PHASE
441	2.23	4.98	608	2.67	2.11	.68	.59	.39	.39	.37	.29	AMP
				297.84	85.51	29.50	245.82	83.45	99.46	228.91	278.41	PHASE
442	.29	4.58	608	2.45	1.96	.68	.66	.06	.37	.41	.29	AMP
				318.95	88.11	25.66	222.74	317.83	92.15	252.19	284.38	PHASE
443	-1.48	4.67	608	2.58	1.87	.52	.86	.06	.32	.38	.34	AMP
				328.68	79.18	52.36	214.58	388.61	134.45	279.74	323.89	PHASE
444	-3.69	5.52	608	3.88	1.98	.47	1.37	.17	.23	.58	.47	AMP
				346.28	74.35	91.47	288.34	182.67	235.74	385.48	336.84	PHASE
445	-6.28	6.54	608	3.77	2.85	1.57	1.77	.41	.25	.66	.48	AMP
				356.86	61.31	112.37	198.72	215.71	263.47	283.92	385.29	PHASE
446	-8.36	8.12	607	4.79	2.33	.88	2.13	.53	.66	.98	.49	AMP
				7.47	67.95	145.52	213.34	265.44	318.14	332.85	19.93	PHASE
447	-18.63	18.63	608	6.17	2.75	1.34	2.68	.65	.98	1.83	.85	AMP
				4.75	57.88	149.64	196.77	267.19	311.42	316.46	6.54	PHASE
448	-12.25	11.93	608	7.38	2.89	1.53	2.79	.69	1.13	1.15	.93	AMP
				6.65	61.85	173.95	289.28	282.62	326.28	319.48	18.89	PHASE
449	-13.18	13.21	608	8.12	3.13	1.73	2.85	.96	1.36	1.36	1.22	AMP
				5.28	58.86	174.89	289.81	294.58	321.96	318.22	359.85	PHASE
458	3.22	4.95	608	2.84	2.21	.65	.28	.48	.17	.17	.28	AMP
				382.95	97.68	49.77	297.97	28.16	129.43	261.16	284.98	PHASE
451	1.28	4.53	608	2.56	2.87	.62	.21	.38	.22	.17	.12	AMP
				313.92	89.99	52.86	263.13	15.27	97.51	265.71	342.89	PHASE
452	-.78	4.19	608	2.37	2.83	.61	.38	.27	.38	.22	.25	AMP
				328.58	81.57	63.44	195.33	358.26	119.99	284.98	359.61	PHASE
453	-2.74	4.58	608	2.71	2.89	.65	.59	.29	.38	.29	.44	AMP
				342.79	72.25	87.55	185.83	319.26	159.81	273.83	355.32	PHASE
454	-5.89	5.72	608	3.42	2.35	.73	1.14	.19	.26	.32	.39	AMP
				353.83	78.52	122.81	288.19	248.23	219.83	382.45	24.83	PHASE
455	-7.63	8.87	608	4.52	2.31	1.89	1.83	.31	.13	.24	.21	AMP
				359.37	78.88	168.54	217.57	278.66	323.68	337.99	85.69	PHASE
456	-9.88	9.29	607	5.51	2.48	1.58	2.85	.24	.18	.32	.16	AMP
				1.91	69.34	175.75	214.37	169.12	133.81	257.98	86.48	PHASE
457	-12.29	18.78	608	7.18	2.69	1.64	2.23	.38	.23	.89	.18	AMP
				2.13	64.96	198.97	218.99	154.61	284.88	278.82	285.27	PHASE
458	-13.88	12.31	608	8.58	2.31	1.73	1.64	.46	.93	1.51	.78	AMP
				.85	68.97	227.92	234.18	149.41	286.66	384.17	28.99	PHASE
459	2.47	4.48	608	2.73	2.88	.52	.58	.58	.41	.81	.81	AMP
				288.83	85.84	32.42	253.63	78.82	182.87	263.21	334.25	PHASE
468	.79	4.16	608	2.39	1.81	.46	.63	.34	.33	.43	.16	AMP
				299.56	73.98	28.22	222.25	26.47	51.56	234.54	15.67	PHASE
461	-1.33	4.23	608	2.33	1.65	.35	.84	.24	.28	.57	.45	AMP
				323.92	69.64	43.45	282.82	329.42	45.17	263.57	21.32	PHASE
462	-3.89	4.66	608	2.66	1.56	.33	1.11	.49	.12	.78	.61	AMP
				339.38	65.88	83.98	288.54	318.85	36.64	278.82	12.37	PHASE
463	-5.38	6.37	608	3.34	1.67	.47	1.54	.75	.42	.81	.95	AMP
				356.68	64.76	129.74	288.25	298.72	332.85	295.95	13.97	PHASE
464	-7.71	7.79	618	4.26	1.92	.72	1.91	1.28	.62	.82	1.15	AMP
				1.62	49.52	137.51	187.49	263.87	298.52	278.49	326.33	PHASE
465	-9.64	8.95	608	5.21	2.12	1.82	2.13	1.62	.88	.91	1.24	AMP
				9.92	55.81	168.32	282.57	285.65	319.56	382.88	357.76	PHASE
466	-11.77	18.52	608	6.57	2.58	1.47	2.41	1.89	1.85	.92	1.34	AMP
				18.91	52.56	159.45	196.81	283.57	322.81	296.38	348.97	PHASE
467	-13.84	12.28	608	7.73	2.89	1.89	2.55	2.86	1.58	1.84	1.56	AMP
				9.48	49.82	157.95	188.85	283.13	318.89	298.71	331.31	PHASE
468	1.29	3.53	608	2.33	1.52	.43	.49	.23	.23	.26	.28	AMP
				293.51	74.25	29.75	224.59	359.69	68.67	239.82	33.86	PHASE
469	-.48	3.43	608	2.12	1.31	.38	.56	.28	.24	.38	.28	AMP
				311.61	69.15	29.88	214.25	318.35	39.62	241.13	26.85	PHASE
470	-2.53	3.56	608	2.28	1.21	.24	.77	.32	.24	.48	.37	AMP
				334.28	64.48	62.59	284.87	383.86	53.87	242.95	358.87	PHASE
471	-4.59	4.16	608	2.65	1.23	.31	.99	.48	.24	.39	.48	AMP
				354.71	65.94	112.81	214.11	292.88	13.26	288.63	16.88	PHASE
472	-6.87	5.44	608	3.43	1.29	.46	1.17	.65	.32	.33	.54	AMP
				3.16	52.82	125.65	199.66	275.82	336.42	251.11	342.49	PHASE
473	-8.91	6.57	608	4.31	1.46	.66	1.32	.84	.34	.27	.55	AMP
				8.47	45.92	144.55	193.52	273.21	328.43	216.43	328.78	PHASE
474	-11.21	7.91	608	5.47	1.65	.84	1.44	.98	1.48	.25	.62	AMP
				9.59	39.86	143.37	171.69	258.85	388.29	188.42	294.18	PHASE
475	-13.23	9.78	607	6.88	2.88	1.12	1.61	1.87	.83	.23	.79	AMP
				14.81	43.71	158.58	174.87	261.54	382.72	258.39	316.19	PHASE
476	-14.22	11.83	608	7.77	2.34	1.21	1.68	1.88	.97	.88	.79	AMP
				12.18	39.79	154.27	159.12	253.15	298.98	232.83	287.77	PHASE

TABLE VIII.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS												
PT NO	RUN NO 16		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
440	7.87	21.23	608	10.43	8.94	5.12	.81	1.37	.10	.73	1.22	AMP
				128.56	278.12	53.82	310.22	268.83	31.81	2.71	166.39	PHASE
441	9.85	20.21	608	10.46	8.51	4.84	.92	1.16	.14	.49	.95	AMP
				131.66	272.38	32.36	298.41	253.88	78.41	357.84	124.07	PHASE
442	11.76	19.10	608	10.72	8.02	4.72	.85	1.14	.13	.25	.88	AMP
				134.81	269.55	14.27	296.72	252.38	41.96	9.54	118.71	PHASE
443	13.49	18.86	608	11.12	7.58	5.15	1.23	1.02	.28	.21	1.07	AMP
				140.63	273.15	12.05	309.76	266.92	59.11	70.26	141.44	PHASE
444	15.77	19.55	608	11.84	7.18	6.07	1.10	.79	.40	.34	1.17	AMP
				144.42	274.93	2.06	311.90	207.11	67.49	80.83	159.00	PHASE
445	17.93	19.22	608	12.33	7.04	6.42	1.12	.85	.39	.17	.96	AMP
				145.68	266.34	344.08	289.01	262.36	12.93	100.37	150.41	PHASE
446	20.00	19.55	607	13.04	6.42	6.63	1.17	1.02	.64	.38	.98	AMP
				153.62	270.96	357.70	316.15	315.88	53.10	79.71	258.85	PHASE
447	22.26	20.65	608	13.73	6.00	6.80	1.12	1.02	.71	.16	1.93	AMP
				150.10	274.15	339.58	309.01	312.88	25.95	100.04	224.43	PHASE
448	23.64	21.79	608	14.03	5.97	6.35	1.01	1.00	.72	.33	2.40	AMP
				153.05	282.07	337.94	317.97	340.41	29.15	343.00	246.19	PHASE
449	24.33	21.50	608	14.25	5.84	6.28	.92	.89	.70	.21	2.75	AMP
				151.60	286.94	335.43	314.74	332.44	24.26	340.65	221.00	PHASE
450	7.73	20.58	608	11.11	9.17	4.32	.77	1.05	.21	.63	.62	AMP
				133.74	289.73	61.64	324.82	274.65	90.07	36.60	343.51	PHASE
451	9.58	20.60	608	11.22	9.02	4.35	.87	.98	.17	.38	.33	AMP
				135.30	281.89	45.92	316.43	268.29	85.52	24.80	170.48	PHASE
452	11.42	20.61	608	11.47	8.84	4.43	.90	.95	.89	.06	.90	AMP
				139.37	276.03	32.87	311.96	262.10	61.84	292.92	178.27	PHASE
453	13.39	20.49	608	12.03	8.53	4.38	.86	.97	.88	.23	1.37	AMP
				141.27	269.26	20.92	299.94	249.56	51.01	270.66	186.19	PHASE
454	15.70	20.93	609	12.74	8.28	4.63	.87	.89	.33	.43	1.31	AMP
				145.84	271.36	19.03	299.82	279.95	343.38	331.66	221.98	PHASE
455	18.13	20.29	608	13.45	7.74	4.99	1.01	.92	.64	.61	1.36	AMP
				149.15	272.74	15.51	319.26	324.31	3.17	357.32	289.08	PHASE
456	20.18	20.54	607	13.70	7.70	5.33	1.18	1.17	1.14	1.09	1.01	AMP
				149.47	271.72	1.44	323.45	337.55	349.12	353.22	295.06	PHASE
457	22.48	20.30	609	14.03	7.61	5.39	1.15	1.35	1.31	.89	2.05	AMP
				149.91	276.67	341.15	319.24	351.53	356.37	24.29	310.15	PHASE
458	23.46	21.38	608	14.94	7.92	4.96	1.10	1.36	1.23	.33	2.13	AMP
				150.05	283.49	329.71	306.62	348.99	349.86	356.41	251.30	PHASE
459	10.59	18.89	608	9.78	7.00	5.33	.94	1.55	.29	.84	.71	AMP
				131.66	279.04	30.24	308.41	285.12	150.80	57.73	236.69	PHASE
460	12.39	18.96	608	10.00	6.80	5.53	1.04	1.50	.45	1.01	1.69	AMP
				131.92	269.40	11.02	283.84	256.01	119.63	16.98	191.12	PHASE
461	14.57	19.09	608	10.45	6.54	5.06	1.11	1.23	.56	.00	2.37	AMP
				137.80	267.07	359.34	293.74	240.10	96.56	12.98	186.65	PHASE
462	16.45	18.52	608	11.06	5.89	6.36	1.02	1.11	.86	.63	2.73	AMP
				141.20	269.55	351.85	293.82	237.22	89.59	359.28	177.83	PHASE
463	18.61	21.16	608	11.71	5.45	7.34	.94	.86	1.18	.38	3.43	AMP
				140.21	273.51	353.42	308.20	225.41	96.22	25.00	186.38	PHASE
464	20.95	22.83	610	12.41	4.95	7.53	.93	.89	1.39	.04	3.15	AMP
				147.52	263.19	337.61	292.13	192.40	62.02	136.17	139.10	PHASE
465	22.98	23.31	608	13.10	4.44	7.54	.89	.82	1.56	.12	3.76	AMP
				154.17	271.41	340.10	312.47	214.33	84.95	172.41	169.00	PHASE
466	25.31	24.94	608	14.01	3.54	7.56	.86	.67	1.72	.19	4.05	AMP
				154.51	270.44	341.21	310.38	205.77	71.15	227.36	160.73	PHASE
467	26.35	24.60	608	14.20	3.14	6.96	.68	.39	1.63	.29	4.35	AMP
				152.83	269.29	331.75	295.77	20.26	50.44	171.09	144.82	PHASE
468	13.02	14.62	608	8.72	4.74	4.17	.65	1.00	.28	.54	1.28	AMP
				134.20	273.46	10.11	291.36	248.87	104.65	5.42	185.94	PHASE
469	14.89	14.72	608	9.21	4.55	4.55	.69	.89	.26	.44	1.45	AMP
				137.55	271.26	359.83	289.00	236.79	93.07	349.38	174.81	PHASE
470	16.77	15.47	608	9.78	4.43	5.13	.72	.84	.48	.29	1.56	AMP
				141.57	271.71	349.71	284.35	224.85	75.38	333.77	160.49	PHASE
471	18.82	17.02	608	10.35	4.11	5.79	.63	.71	.43	.16	1.79	AMP
				149.50	280.85	357.67	299.13	227.58	98.33	12.67	161.27	PHASE
472	21.10	18.91	608	11.00	3.77	6.49	.68	.71	.50	.22	2.02	AMP
				153.07	277.64	343.66	208.40	194.50	58.88	247.59	144.95	PHASE
473	23.14	20.77	608	12.02	3.34	6.70	.72	.71	.61	.46	2.10	AMP
				153.05	281.16	333.30	291.60	187.54	49.97	245.36	131.11	PHASE
474	25.62	22.21	600	12.95	2.65	6.74	.73	.64	.75	.59	2.13	AMP
				153.07	281.12	325.07	303.49	160.25	25.37	234.16	94.89	PHASE
475	27.85	23.46	607	13.99	2.36	5.52	.80	.63	.98	.81	2.52	AMP
				157.27	292.41	323.30	301.37	148.23	38.59	244.04	120.93	PHASE
476	28.83	24.03	608	14.35	2.10	5.27	.80	.70	1.05	1.13	2.71	AMP
				155.63	283.71	313.89	209.15	120.86	17.61	210.17	61.87	PHASE

TABLE VIII.- Continued

(a) Continued

CHORDWISE 51 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
448	11.24	13.48	688	5.48	2.59	.84	1.41	.42	3.81	.53	.58 AMP
441	9.63	17.88	688	265.52	73.57	213.91	56.69	263.86	243.62	288.64	287.78 PHASE
442	8.52	22.75	688	6.61	3.18	1.27	1.24	.39	5.75	.49	.46 AMP
443	7.57	29.83	688	273.42	88.68	253.86	15.91	287.41	258.25	352.93	165.37 PHASE
444	6.12	35.65	688	8.98	4.84	2.58	1.67	1.44	8.58	1.94	.39 AMP
445	3.71	45.81	688	279.88	93.38	258.71	349.89	172.37	381.11	333.63	185.81 PHASE
446	1.82	56.86	687	13.52	6.12	3.88	2.88	1.85	7.47	4.45	1.81 AMP
447	-2.54	69.29	688	297.28	182.79	255.95	338.81	248.86	357.95	3.99	146.81 PHASE
448	-5.82	75.13	688	28.16	8.89	4.27	4.64	1.93	4.94	6.29	1.18 AMP
449	-5.44	78.44	688	314.85	186.17	233.16	335.87	286.27	72.78	46.44	165.86 PHASE
450	8.82	18.58	688	27.87	9.96	7.99	5.72	2.57	3.74	3.35	.42 AMP
451	6.96	21.26	688	327.97	188.34	213.83	314.33	18.41	33.74	239.32	193.17 PHASE
452	5.97	28.63	688	34.65	11.88	11.19	7.88	1.81	4.16	6.15	1.38 AMP
453	4.34	35.95	688	341.47	189.81	235.45	327.43	83.78	62.59	319.49	273.58 PHASE
454	2.82	41.58	689	42.97	11.51	14.45	11.41	1.89	3.29	6.58	1.29 AMP
455	-1.52	54.58	688	341.58	99.53	226.91	382.95	346.12	26.84	286.63	223.44 PHASE
456	-4.	63.53	687	48.61	11.44	16.26	12.96	1.96	8.37	4.72	1.44 AMP
457	-7.58	72.59	689	348.78	187.51	234.77	387.78	389.38	355.83	282.38	248.23 PHASE
458	-18.86	77.48	688	58.53	18.48	16.81	13.88	.27	6.47	4.16	4.88 AMP
459	4.69	28.11	688	347.31	188.46	232.73	385.98	389.88	14.82	281.14	223.57 PHASE
460	4.82	24.75	688	8.52	3.33	1.71	1.48	1.91	2.34	1.38	.87 AMP
461	3.32	27.88	688	269.82	94.56	235.39	83.99	263.82	257.24	78.38	248.17 PHASE
462	2.81	29.67	688	11.86	4.31	3.88	3.88	2.17	4.88	.71	.15 AMP
463	1.47	38.27	688	274.84	99.76	261.83	63.87	244.78	284.55	48.55	148.32 PHASE
464	-3.7	49.38	618	14.34	6.11	3.17	1.17	1.91	9.21	2.23	1.88 AMP
465	-2.62	58.72	688	287.41	188.38	276.29	29.34	259.37	348.97	349.38	139.66 PHASE
466	-5.31	69.89	688	18.62	8.62	2.19	2.32	2.12	9.86	3.98	1.84 AMP
467	-6.77	74.31	688	383.82	99.81	249.62	347.14	274.81	24.17	26.62	186.75 PHASE
468	3.58	14.21	688	24.46	18.91	3.83	3.18	2.85	6.35	2.53	.87 AMP
469	3.85	17.73	688	328.49	187.38	227.24	349.52	339.55	48.69	112.28	258.17 PHASE
470	2.55	19.74	688	32.76	12.72	8.46	5.54	1.98	5.77	3.98	3.49 AMP
471	2.87	27.88	688	335.62	118.91	236.56	327.71	38.88	64.84	272.85	333.78 PHASE
472	.98	37.65	688	39.21	14.15	11.67	8.89	38.88	6.87	2.23	2.75 AMP
473	-1.88	49.39	688	348.91	189.37	238.68	315.83	32.85	386.77	251.32	323.12 PHASE
474	-3.13	56.94	688	48.88	14.82	14.44	12.28	2.68	8.28	6.72	4.24 AMP
475	-6.18	78.71	687	342.82	186.59	236.29	387.39	287.25	326.68	266.29	322.86 PHASE
476	-7.51	78.31	688	54.16	14.48	15.12	12.58	4.85	14.43	5.83	5.97 AMP
477				347.78	189.27	245.62	318.28	258.82	333.33	242.46	285.2 PHASE
478				4.44	2.82	1.16	1.41	2.28	8.84	1.92	.35 AMP
479				281.63	92.54	277.86	29.32	118.42	272.49	33.86	255.87 PHASE
480				5.76	2.89	2.84	1.77	3.81	11.45	2.74	.74 AMP
481				281.85	94.73	278.69	354.45	78.73	254.71	332.52	178.95 PHASE
482				3.99	4.68	3.48	2.58	1.97	12.25	4.59	2.78 AMP
483				296.64	98.64	255.91	338.58	355.72	297.25	325.41	149.91 PHASE
484				14.44	5.93	3.98	3.74	2.72	4.71	4.97	3.66 AMP
485				307.26	183.27	237.16	333.83	325.83	343.17	346.44	156.95 PHASE
486				29.68	5.98	6.44	5.31	5.46	1.68	1.61	4.79 AMP
487				326.92	185.88	229.18	345.18	357.58	187.94	162.61	155.93 PHASE
488				28.74	7.24	18.58	6.57	5.56	1.33	6.82	4.99 AMP
489				334.88	93.19	217.32	316.35	355.62	84.59	217.51	114.19 PHASE
490				35.88	7.22	13.29	8.86	4.76	2.23	6.91	5.61 AMP
491				343.53	96.26	232.67	327.46	24.85	189.32	277.55	142.55 PHASE
492				45.24	7.42	15.56	9.71	4.98	3.99	7.74	6.58 AMP
493				345.52	85.16	228.98	321.53	9.91	76.89	283.14	138.74 PHASE
494				58.28	7.55	16.45	18.85	3.54	6.81	5.67	8.88 AMP
495				347.91	88.48	225.88	318.88	328.18	9.14	251.98	121.87 PHASE
496				3.65	1.31	1.68	1.12	2.71	4.82	1.46	1.26 AMP
497				296.82	185.52	271.11	23.46	37.99	258.88	344.62	173.25 PHASE
498				5.38	2.21	2.67	1.75	2.18	6.68	1.67	1.74 AMP
499				388.62	187.21	264.32	9.66	5.26	275.47	339.15	149.51 PHASE
500				8.89	3.58	3.82	2.65	2.65	6.54	2.49	2.88 AMP
501				312.33	183.61	248.87	355.6	321.73	312.95	12.81	158.29 PHASE
502				14.95	4.29	4.85	3.61	3.99	1.69	2.93	2.48 AMP
503				328.86	114.28	229.13	9.39	349.28	388.66	117.92	159.68 PHASE
504				21.92	4.37	7.78	4.69	4.47	.83	3.11	2.61 AMP
505				335.62	187.15	218.65	351.88	348.32	26.79	196.77	125.27 PHASE
506				38.22	3.88	18.89	5.55	3.77	84.28	4.77	3.27 AMP
507				342.82	181.88	228.28	341.37	353.28	257.56	25.27	92.87 PHASE
508				48.26	3.37	13.72	6.96	2.68	6.18	3.58	4.87 AMP
509				344.88	86.31	213.82	323.35	312.65	45.93	285.51	59.46 PHASE
510				51.81	3.55	16.18	7.98	6.21	8.39	2.69	4.25 AMP
511				351.78	79.69	225.84	331.39	288.98	32.54	134.64	84.42 PHASE
512				56.24	3.57	15.96	7.78	7.76	8.95	4.89	.71 AMP
513				351.58	74.31	214.89	314.86	261.41	12.58	153.92	62.81 PHASE

TABLE VIII.- Continued

(a) Continued

TORSION 5% PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	E	
448	4.95	5.25	608	3.14	2.34	.74	.44	.35	.50	.53	.15	AMP
441	2.82	4.85	608	289.50	107.50	51.85	299.87	114.44	158.95	286.32	326.52	PHASE
442	.85	4.63	608	2.57	2.23	.68	.60	.48	.37	.28	.28	AMP
443	-9.3	4.63	608	299.49	97.18	48.75	272.25	122.71	142.59	277.91	337.16	PHASE
444	-3.12	5.48	608	2.30	2.05	.66	.56	.40	.34	.43	.31	AMP
445	-5.59	6.41	608	313.24	92.41	36.82	251.86	322.51	133.18	295.69	342.41	PHASE
446	-7.59	7.86	607	2.28	1.92	.48	.81	.11	.28	.48	.37	AMP
447	-9.68	9.74	608	338.78	93.31	58.28	244.26	384.78	173.72	327.39	23.56	PHASE
448	-11.13	18.85	608	2.66	1.84	.37	1.30	.22	.22	.57	.49	AMP
449	-11.97	12.94	608	358.82	98.21	96.28	235.21	238.46	278.40	354.33	31.84	PHASE
450	3.77	5.22	608	3.29	1.85	.46	1.67	.49	.29	.78	.58	AMP
451	1.82	4.62	608	5.14	76.72	129.92	214.84	248.32	383.92	327.18	358.96	PHASE
452	-1.17	4.26	608	4.15	1.96	.74	1.96	.53	.69	1.84	.56	AMP
453	-2.17	4.39	608	17.92	85.19	158.12	234.48	289.53	353.58	16.32	78.61	PHASE
454	-4.39	5.43	609	5.33	2.29	1.16	2.35	.58	1.11	1.26	1.11	AMP
455	-6.61	7.84	608	17.82	75.61	153.96	214.82	291.46	347.21	3.11	68.75	PHASE
456	-8.53	8.21	607	6.27	2.48	1.22	2.49	.59	1.34	1.36	1.86	AMP
457	-18.83	9.28	609	19.44	78.21	173.84	225.18	385.76	2.31	18.72	75.89	PHASE
458	-12.11	18.99	608	7.83	2.62	1.38	2.53	.98	1.62	1.57	1.38	AMP
459	3.24	4.56	608	16.85	75.49	174.27	226.35	321.16	358.18	.48	56.71	PHASE
460	1.54	4.28	608	2.74	2.48	.62	.29	.46	.15	.21	.39	AMP
461	-6.1	4.24	608	385.84	189.36	56.21	323.27	45.93	162.14	326.95	274.58	PHASE
462	-2.36	4.84	608	2.43	2.23	.56	.24	.38	.28	.22	.17	AMP
463	-4.54	6.34	608	317.19	182.84	56.89	292.86	39.14	129.51	328.13	29.74	PHASE
464	-6.87	7.79	618	2.19	2.13	.48	.38	.28	.25	.29	.27	AMP
465	-8.78	9.39	608	331.97	94.62	64.85	232.11	28.75	156.21	319.22	58.93	PHASE
466	-18.84	18.37	608	2.38	2.88	.42	.55	.27	.36	.39	.41	AMP
467	-12.86	11.85	608	349.86	88.89	89.66	212.59	348.87	281.26	385.17	48.66	PHASE
468	2.14	3.65	608	2.76	1.96	.44	1.88	.21	.33	.41	.39	AMP
469	.36	3.51	608	4.34	88.35	137.48	221.26	258.85	254.82	334.28	88.16	PHASE
470	-1.68	3.43	608	3.49	1.92	.78	1.67	.39	.23	.36	.32	AMP
471	-3.75	4.11	608	13.83	98.63	175.57	231.23	256.24	326.75	27.19	145.49	PHASE
472	-5.99	5.89	608	4.28	2.88	1.89	2.81	.43	.18	.22	.23	AMP
473	-8.83	6.28	608	17.82	83.62	188.26	225.81	223.94	43.86	5.45	154.88	PHASE
474	-18.27	7.72	608	5.59	2.12	1.15	2.26	.36	.88	.88	.23	AMP
475	-12.26	9.11	607	16.38	77.71	189.87	229.83	228.48	2.46	336.88	296.47	PHASE
476	-13.22	9.88	608	6.65	1.86	1.83	1.88	.26	.84	1.52	.88	AMP
				12.73	71.65	223.76	241.98	288.39	338.69	342.36	58.55	PHASE
				2.65	2.13	.61	.56	.46	.39	.43	.85	AMP
				298.58	98.57	51.78	281.85	181.57	142.93	319.16	257.88	PHASE
				2.22	1.95	.48	.67	.32	.35	.46	.17	AMP
				361.87	87.19	38.68	251.25	55.82	98.67	298.25	122.14	PHASE
				2.84	1.78	.33	.85	.23	.33	.64	.46	AMP
				327.15	84.61	57.67	233.78	.47	81.86	389.88	94.72	PHASE
				2.31	1.63	.28	1.88	.45	.28	.88	.66	AMP
				345.27	82.37	98.68	229.28	335.46	71.59	314.39	68.51	PHASE
				2.94	1.62	.43	1.58	.74	.47	.86	.97	AMP
				5.42	88.98	143.74	235.84	315.15	15.82	348.76	77.61	PHASE
				3.84	1.78	.68	1.98	.38	.78	.89	1.21	AMP
				11.28	65.52	158.58	212.74	289.65	339.59	315.61	29.99	PHASE
				4.88	1.91	.97	2.15	1.65	.92	.96	1.32	AMP
				19.69	71.88	172.12	227.55	313.87	.91	348.26	58.85	PHASE
				6.87	2.88	1.36	2.38	1.89	1.14	.98	1.48	AMP
				21.62	69.27	172.67	219.99	313.98	1.63	337.44	48.42	PHASE
				7.13	2.39	1.78	2.47	2.83	1.54	1.14	1.75	AMP
				19.98	67.48	172.73	211.58	314.51	355.44	332.81	29.78	PHASE
				2.11	1.61	.41	.49	.22	.23	.29	.24	AMP
				296.22	86.87	51.68	251.88	28.48	188.81	298.79	114.37	PHASE
				1.88	1.41	.55	.55	.28	.25	.32	.35	AMP
				315.52	82.93	52.58	241.67	351.53	76.78	288.98	95.52	PHASE
				1.87	1.26	.23	.72	.31	.25	.45	.41	AMP
				341.83	88.96	74.84	238.78	335.44	84.52	286.41	65.14	PHASE
				2.32	1.21	.27	.93	.41	.26	.41	.58	AMP
				4.91	82.51	121.45	248.57	328.35	43.88	325.61	88.75	PHASE
				3.11	1.21	.42	1.14	.68	.34	.34	.59	AMP
				14.39	78.31	148.59	223.48	382.59	16.87	292.71	47.83	PHASE
				4.82	1.28	.68	1.31	.85	.48	.27	.68	AMP
				19.44	64.95	155.11	216.68	381.37	4.71	257.59	32.44	PHASE
				5.22	1.49	.88	1.49	1.08	.58	.28	.65	AMP
				19.68	54.39	153.66	198.81	289.17	336.62	224.29	355.35	PHASE
				6.58	1.69	1.01	1.66	1.83	.98	.33	.94	AMP
				24.37	61.85	166.28	197.58	294.49	348.18	282.66	15.48	PHASE
				7.41	1.87	1.87	1.65	1.81	1.81	1.66	.91	AMP
				22.46	58.61	162.32	181.57	287.78	325.88	262.82	349.67	PHASE

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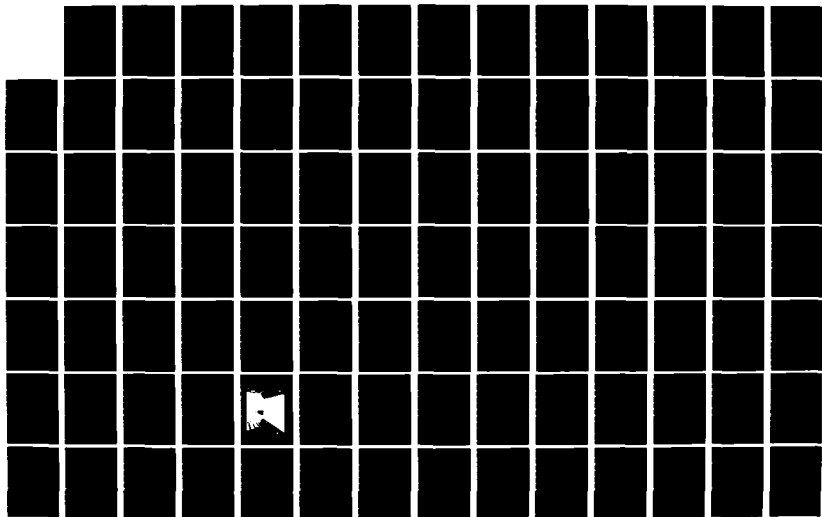
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ADMINISTRATION HAMPTON VA LANG. W T VERGER ET AL.
APR 83 NASA-L-15587 NASA-TN-84573

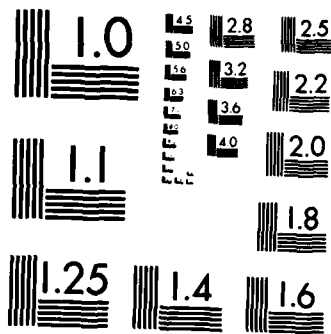
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

TABLE VIII.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
448	-9.46	22.14	608	14.52	9.31	1.57	2.16	3.47	.88	.96	1.64	AMP
				118.68	293.26	268.88	188.88	328.87	18.43	178.93	331.57	PHASE
441	-6.23	21.78	608	13.71	9.41	2.87	2.26	2.63	.14	.83	1.37	AMP
				121.81	283.99	282.37	84.54	386.27	187.61	167.84	298.17	PHASE
442	-3.34	22.63	608	13.47	9.36	2.61	2.54	2.54	.23	.65	1.22	AMP
				125.88	279.82	288.74	78.75	294.32	118.23	175.43	283.63	PHASE
443	-5.58	23.65	608	13.64	9.87	3.88	3.18	3.35	.47	.58	1.46	AMP
				131.87	281.73	314.86	68.98	316.46	148.85	286.23	314.57	PHASE
444	3.88	26.46	608	14.85	9.16	4.14	4.17	4.17	.81	.57	1.74	AMP
				136.56	281.41	325.75	65.53	343.29	162.51	234.85	335.13	PHASE
445	6.96	27.54	608	14.81	9.28	4.72	5.87	.77	.98	.55	1.68	AMP
				139.71	278.81	324.54	43.39	356.32	145.34	239.33	318.94	PHASE
446	18.89	28.58	607	14.48	9.25	5.19	5.74	.67	1.88	.91	1.46	AMP
				158.11	283.68	347.84	67.89	4.39	217.86	282.78	55.44	PHASE
447	13.46	38.19	608	15.81	9.45	5.51	6.32	.75	1.29	.84	3.28	AMP
				149.38	277.82	335.69	48.28	322.97	211.19	275.15	28.41	PHASE
448	15.82	31.77	608	15.72	9.35	4.92	6.57	.96	1.17	.58	3.96	AMP
				153.81	283.37	345.82	55.44	359.76	241.32	289.63	51.45	PHASE
449	16.81	33.42	608	16.38	9.55	5.88	6.88	.75	1.12	.77	4.63	AMP
				153.46	284.84	341.87	49.94	3.26	233.58	294.44	29.84	PHASE
458	-8.88	21.88	608	14.85	18.14	.94	1.22	2.32	.19	.72	.88	AMP
				125.39	295.66	388.68	138.38	388.13	137.13	281.22	171.86	PHASE
451	-6.82	21.18	608	13.48	18.27	1.35	1.44	1.91	.35	.38	1.44	AMP
				128.71	286.58	327.78	97.86	382.78	56.83	178.42	345.54	PHASE
452	-3.88	21.25	608	12.78	18.56	1.98	1.81	2.15	.61	.18	1.13	AMP
				132.97	279.75	334.61	63.96	383.56	44.48	88.29	346.82	PHASE
453	-8.88	21.95	608	12.37	18.81	2.69	2.39	1.96	.81	.33	1.63	AMP
				137.38	274.82	333.84	43.94	383.81	78.88	111.88	355.97	PHASE
454	3.48	23.72	609	12.51	18.75	3.41	3.66	1.72	.64	.62	1.65	AMP
				144.35	276.78	354.37	54.99	355.89	112.76	177.19	31.78	PHASE
455	7.33	24.31	608	12.97	9.94	3.85	4.75	2.18	.19	.56	1.71	AMP
				149.15	278.68	12.34	65.27	23.98	85.63	221.16	94.28	PHASE
456	18.75	25.28	607	13.48	9.44	4.11	5.72	2.76	.15	.96	2.15	AMP
				158.63	275.42	15.28	61.59	33.21	188.56	283.81	181.67	PHASE
457	14.51	27.93	609	14.51	9.47	3.86	6.99	3.85	.47	1.28	2.41	AMP
				152.68	277.56	18.51	61.27	37.33	388.11	248.73	121.17	PHASE
458	16.24	38.45	608	15.87	9.47	3.37	7.63	4.68	.55	.65	3.81	AMP
				153.93	284.31	15.99	62.18	42.63	348.24	284.46	57.86	PHASE
459	-6.59	19.98	608	13.58	8.11	2.26	2.55	3.86	.48	1.13	.95	AMP
				119.15	292.33	297.84	95.41	315.88	177.44	227.45	43.62	PHASE
468	-3.68	28.72	608	13.28	7.98	2.72	3.87	3.48	.37	1.11	2.29	AMP
				128.14	281.11	295.89	78.28	288.94	164.75	188.82	3.95	PHASE
461	-4.42	23.18	608	13.31	8.85	3.33	3.88	2.83	.24	.88	3.27	AMP
				127.48	277.92	386.89	62.88	269.97	137.98	184.87	1.21	PHASE
462	2.36	24.82	608	13.56	7.99	4.18	4.84	2.49	.36	.51	3.75	AMP
				132.85	277.21	312.88	59.85	251.86	124.76	176.13	353.38	PHASE
463	5.74	28.13	608	13.89	8.34	5.26	4.74	1.95	.41	.27	4.77	AMP
				148.87	279.82	328.66	63.73	213.85	189.86	246.61	2.93	PHASE
464	9.52	38.36	618	14.37	8.61	5.75	5.59	3.49	.51	.43	5.22	AMP
				142.84	266.62	328.39	42.88	169.55	166.88	388.72	316.59	PHASE
465	12.88	31.75	608	15.88	8.65	5.95	6.18	4.52	.74	.57	5.12	AMP
				158.53	273.24	338.96	58.18	189.38	197.56	323.63	347.23	PHASE
466	16.41	33.96	608	16.17	8.58	6.48	6.88	5.18	.86	.58	5.52	AMP
				153.44	278.46	348.66	51.58	188.91	283.58	319.76	339.39	PHASE
467	18.16	35.65	608	16.52	8.51	6.38	7.41	4.51	.63	.93	6.85	AMP
				153.18	267.27	338.78	37.51	167.51	214.88	388.91	323.86	PHASE
468	-3.82	17.77	608	12.81	5.98	2.16	1.98	2.28	.26	.51	1.78	AMP
				121.11	283.41	385.16	78.12	265.82	126.42	168.46	.85	PHASE
469	-8.88	18.43	608	11.92	8.84	2.57	2.16	1.99	.19	.42	2.83	AMP
				125.96	279.96	318.12	63.81	251.86	99.87	148.91	358.45	PHASE
478	2.16	19.69	608	12.86	6.33	3.11	2.57	1.91	.22	.26	2.77	AMP
				131.68	277.44	312.29	56.95	238.68	53.23	123.71	336.93	PHASE
471	5.47	21.85	608	12.29	6.57	3.88	2.79	1.53	.14	.87	2.51	AMP
				141.23	283.36	331.91	67.12	223.81	115.29	139.51	358.78	PHASE
472	9.19	22.55	608	12.85	6.84	4.74	3.18	2.31	.16	.35	2.88	AMP
				143.98	274.98	327.96	48.75	185.51	118.29	33.87	322.65	PHASE
473	12.53	24.44	608	13.78	7.88	5.25	3.67	3.85	.15	.61	2.89	AMP
				143.61	271.66	331.11	42.42	177.81	148.59	51.77	389.74	PHASE
474	16.43	25.72	608	14.79	7.88	5.58	5.94	3.51	.13	.69	2.77	AMP
				153.81	263.34	324.94	26.81	168.17	243.34	44.85	272.88	PHASE
475	28.88	28.18	607	16.38	7.29	5.74	4.53	3.81	.49	.61	3.18	AMP
				156.78	267.38	333.11	38.42	165.51	271.39	31.54	285.87	PHASE
476	21.65	29.56	608	17.16	7.42	5.66	5.85	3.93	.63	.93	3.34	AMP
				155.99	261.24	323.28	16.16	149.82	251.28	6.28	259.87	PHASE

TABLE VIII.- Continued

(a) Continued

CHORDWISE 77 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
448	-4.46	12.14	608	4.47	3.75	.47	1.20	1.50	1.46	.41	.31	AMP
441	-4.15	12.29	608	135.88	297.33	269.52	88.91	311.84	247.67	198.82	206.69	PHASE
442	-3.88	11.77	608	3.88	3.38	1.81	1.09	1.14	2.29	.25	.32	AMP
443	-3.17	13.83	608	143.47	283.52	384.36	66.66	287.18	248.68	138.88	238.55	PHASE
444	-2.36	13.86	608	3.29	2.84	1.62	1.18	1.82	3.54	.43	.18	AMP
445	-1.18	15.94	608	157.94	275.58	298.14	38.14	257.21	298.27	328.71	258.53	PHASE
446	-1.15	19.44	607	2.18	1.91	1.94	1.64	1.51	3.11	1.57	.28	AMP
447	.38	23.81	608	188.58	276.49	318.79	18.83	282.71	356.25	359.56	283.68	PHASE
448	.68	25.66	608	1.73	1.87	2.33	2.48	1.48	2.42	2.53	.18	AMP
449	.88	25.17	608	256.47	272.83	384.55	7.84	318.37	74.74	46.36	248.66	PHASE
458	-7.88	12.35	608	3.17	.33	2.72	3.87	1.44	1.85	1.69	.59	AMP
451	-7.97	18.87	608	384.46	228.43	273.34	341.76	348.48	43.44	218.31	274.68	PHASE
452	-6.76	14.35	608	5.89	.42	3.75	3.76	1.83	1.82	2.84	.73	AMP
453	-5.24	15.12	608	324.85	96.12	288.76	352.93	24.37	68.21	384.24	327.57	PHASE
454	-3.69	12.88	609	7.38	.91	5.89	5.83	1.46	1.39	3.82	.96	AMP
455	-2.68	14.86	608	325.49	67.81	261.31	322.77	338.58	48.32	273.42	336.62	PHASE
456	-1.92	18.86	607	8.62	.87	5.88	5.78	1.89	3.21	2.25	1.29	AMP
457	-1.62	25.63	609	333.87	66.98	262.27	326.44	342.88	357.89	278.27	298.88	PHASE
458	-1.46	29.86	608	9.24	.72	6.56	6.38	1.58	2.49	2.25	1.37	AMP
459	-8.63	13.24	608	331.84	54.81	258.95	325.86	7.61	29.31	265.76	298.42	PHASE
461	-7.97	15.46	608	4.12	3.84	.34	.94	1.88	.85	.58	.56	AMP
462	-6.56	12.21	608	154.11	297.11	291.95	118.29	276.38	244.36	182.99	285.19	PHASE
463	-5.19	11.99	608	3.57	3.33	.88	.98	1.63	1.58	.33	.82	AMP
464	-3.71	13.81	618	178.16	285.22	311.84	87.37	264.48	285.42	81.71	111.68	PHASE
465	-2.48	16.17	608	2.82	2.62	1.31	1.88	1.66	3.99	.86	.62	AMP
466	-1.48	21.27	608	195.88	275.64	326.38	58.51	271.63	339.62	355.66	126.44	PHASE
467	-1.92	22.66	608	2.28	1.68	1.19	1.36	1.68	4.49	1.75	.48	AMP
468	-7.63	18.66	608	234.82	258.98	331.85	12.88	273.88	21.88	38.66	287.53	PHASE
469	-8.81	14.66	608	2.69	.93	.99	1.84	1.57	3.88	1.34	.51	AMP
471	-6.34	9.73	608	284.16	219.38	324.84	15.99	329.56	39.19	114.18	322.88	PHASE
472	-4.64	18.62	608	4.54	.91	1.76	2.54	1.93	2.99	1.71	1.67	AMP
473	-3.14	13.65	608	318.59	154.48	283.48	355.74	7.21	52.83	263.96	346.96	PHASE
474	-1.88	17.55	608	6.45	1.36	3.86	3.61	2.89	1.51	2.49	1.22	AMP
475	-1.31	19.85	607	326.24	127.89	271.78	337.73	.84	339.32	242.22	356.19	PHASE
476	-.62	22.58	608	9.18	1.48	4.78	5.36	3.15	4.25	2.87	1.48	AMP
				327.79	98.14	259.76	323.41	346.11	337.24	262.21	353.28	PHASE
				18.53	1.85	5.93	5.99	2.96	6.96	2.31	2.36	AMP
				332.79	76.18	263.81	324.39	335.25	335.17	253.27	321.26	PHASE
				4.89	3.16	1.31	1.23	.96	3.62	.44	.28	AMP
				129.17	291.83	317.61	73.95	329.28	266.28	28.38	13.48	PHASE
				3.55	2.69	1.91	1.47	.73	4.73	.79	.29	AMP
				134.41	278.65	318.18	43.19	319.21	248.13	318.97	6.89	PHASE
				2.51	1.95	2.57	1.83	1.42	4.99	1.61	.58	AMP
				155.33	273.88	384.87	22.21	292.84	292.44	317.32	84.74	PHASE
				1.39	1.31	2.74	2.27	1.59	1.92	1.86	.57	AMP
				197.32	272.55	299.91	18.28	282.39	346.14	342.34	123.27	PHASE
				1.53	.75	3.28	3.12	1.45	.96	1.86	.94	AMP
				288.59	273.31	298.51	11.88	342.18	165.92	159.65	113.71	PHASE
				3.55	.28	4.89	3.68	1.88	1.31	2.82	.72	AMP
				315.78	291.13	268.75	342.86	9.86	83.82	284.42	75.58	PHASE
				5.83	.44	4.88	4.26	.92	1.92	3.89	.95	AMP
				326.79	22.34	274.49	351.35	68.18	186.89	263.12	113.28	PHASE
				8.13	1.28	5.77	5.18	.99	2.73	3.35	1.25	AMP
				329.19	38.34	265.96	341.19	52.27	83.28	268.85	99.15	PHASE
				9.46	1.53	6.38	5.71	.44	2.79	2.75	1.62	AMP
				333.23	47.98	253.42	328.23	16.71	22.69	243.47	93.18	PHASE
				3.58	2.32	1.56	1.14	.88	1.95	.42	.11	AMP
				125.94	278.72	389.42	61.18	329.97	262.56	345.86	79.29	PHASE
				2.92	1.98	1.99	1.41	.89	2.69	.53	.27	AMP
				136.74	274.14	385.39	35.93	298.55	278.19	344.58	84.11	PHASE
				1.78	1.44	2.16	1.78	1.29	2.73	1.89	.27	AMP
				154.58	272.23	388.48	21.54	279.88	388.83	17.24	121.88	PHASE
				.52	1.18	2.34	2.25	1.16	.59	1.47	.43	AMP
				248.22	277.89	382.61	27.61	322.27	387.69	114.57	117.35	PHASE
				2.12	.84	3.85	2.82	.84	.48	1.43	.35	AMP
				315.61	288.31	282.41	6.52	333.78	47.23	181.61	62.33	PHASE
				4.23	.84	3.87	3.27	.43	1.75	1.71	.84	AMP
				326.94	383.33	278.84	365.89	5.78	79.85	245.84	48.37	PHASE
				6.94	.97	4.91	3.94	.22	2.89	1.31	1.81	AMP
				327.84	338.87	252.63	335.43	246.27	42.76	278.54	27.82	PHASE
				9.79	1.58	5.99	4.57	1.67	3.81	1.37	.82	AMP
				335.55	354.12	254.23	338.72	255.89	29.34	125.46	57.89	PHASE
				18.89	1.54	6.31	4.73	2.22	3.91	2.16	.88	AMP
				335.65	357.71	248.77	322.26	239.61	9.26	144.52	39.42	PHASE

TABLE VIII.- Continued

(a) Continued

TORSION 75 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
448	2.23	5.89	688	2.96	2.17	.59	.62	.26	.41	.42	.86	AMP
				288.57	187.12	61.52	348.16	198.25	159.17	338.27	84.41	PHASE
441	.26	4.28	688	2.31	2.82	.52	.68	.23	.29	.33	.19	AMP
				287.75	99.44	58.31	387.82	224.25	145.75	325.54	26.24	PHASE
442	-1.51	3.81	688	1.97	1.87	.49	.59	.21	.16	.32	.22	AMP
				388.28	97.41	43.82	288.47	258.33	129.88	326.85	22.61	PHASE
443	-3.84	3.81	688	1.81	1.78	.38	.68	.27	.36	.28	.28	AMP
				318.17	181.98	68.85	279.77	257.58	142.17	355.17	67.63	PHASE
444	-4.93	4.75	688	1.95	1.57	.36	.81	.36	.12	.43	.34	AMP
				343.28	183.94	85.77	253.85	251.18	326.81	16.56	81.85	PHASE
445	-7.11	5.28	688	2.48	1.48	.35	1.89	.55	.37	.51	.36	AMP
				4.81	94.42	184.82	221.23	243.76	325.88	355.34	68.39	PHASE
446	-8.88	6.41	687	3.82	1.34	.58	1.28	.57	.66	.74	.38	AMP
				19.78	187.69	132.91	236.82	282.84	8.37	42.31	123.89	PHASE
447	-18.47	8.21	688	3.83	1.39	.78	1.58	.55	.95	.97	.61	AMP
				21.47	182.15	124.54	211.88	278.36	351.34	24.42	118.89	PHASE
448	-11.76	9.21	688	4.63	1.45	.66	1.66	.57	1.89	.94	.54	AMP
				25.93	111.64	137.89	217.47	288.39	4.38	29.75	127.44	PHASE
449	-12.38	18.34	688	5.15	1.61	.88	1.81	.73	1.22	.99	.61	AMP
				24.35	189.49	135.19	213.64	287.88	359.34	18.67	115.88	PHASE
458	1.28	4.55	688	2.52	2.36	.49	.58	.22	.15	.27	.21	AMP
				294.21	187.85	49.35	354.36	11.85	153.58	18.67	322.45	PHASE
451	-.57	4.13	688	2.15	2.23	.42	.41	.17	.15	.22	.15	AMP
				383.52	182.14	39.85	332.81	357.84	127.73	.58	35.85	PHASE
452	-2.39	3.81	688	1.76	2.13	.35	.38	.12	.11	.21	.28	AMP
				318.52	95.97	48.85	381.84	329.55	142.49	338.65	68.82	PHASE
453	-4.19	3.74	688	1.78	1.99	.33	.35	.21	.15	.32	.26	AMP
				348.68	92.45	51.37	256.14	283.14	228.89	312.69	63.58	PHASE
454	-6.28	4.41	689	2.82	1.72	.88	.69	.35	.26	.41	.22	AMP
				.34	95.57	91.48	238.83	254.98	286.69	344.84	184.97	PHASE
455	-8.14	5.88	688	2.46	1.48	.28	1.85	.49	.34	.45	.28	AMP
				13.61	98.72	283.12	238.46	257.88	338.88	34.87	171.68	PHASE
456	-9.78	6.74	687	3.88	1.38	.36	1.32	.49	.35	.39	.22	AMP
				28.68	96.75	186.31	226.22	236.55	16.81	41.22	196.97	PHASE
457	-11.52	7.41	689	3.94	1.43	.45	1.53	.47	.54	.43	.33	AMP
				25.72	188.98	163.12	219.52	219.42	15.67	26.77	266.76	PHASE
458	-12.34	7.74	688	4.68	1.33	.36	1.56	.53	.37	.63	.88	AMP
				26.24	115.91	187.62	222.53	211.67	351.17	336.66	181.48	PHASE
459	1.84	4.39	688	2.53	1.88	.63	.58	.14	.31	.39	.11	AMP
				278.98	183.58	67.43	319.64	159.93	156.29	19.34	238.73	PHASE
468	-.56	3.88	688	2.82	1.69	.53	.64	.83	.28	.43	.29	AMP
				286.22	94.87	56.46	285.36	234.33	187.17	349.18	167.38	PHASE
461	-2.48	3.94	688	1.64	1.51	.41	.68	.16	.32	.58	.43	AMP
				311.18	93.88	67.87	266.21	265.44	88.59	342.78	147.74	PHASE
462	-4.82	4.88	688	1.66	1.34	.48	.81	.38	.33	.57	.51	AMP
				332.73	95.89	79.56	252.89	283.14	77.74	333.83	128.93	PHASE
463	-5.95	4.95	688	2.85	1.28	.46	1.85	.61	.44	.63	.67	AMP
				1.87	98.82	112.85	246.28	288.63	42.58	1.43	127.81	PHASE
464	-8.88	6.21	618	2.72	1.14	.54	1.38	.98	.65	.61	.83	AMP
				11.68	85.36	115.93	216.41	271.43	356.18	338.51	78.64	PHASE
465	-9.61	6.87	688	3.44	1.88	.66	1.68	1.21	.84	.68	.85	AMP
				22.48	92.99	148.89	227.43	296.55	13.83	12.75	187.52	PHASE
466	-11.35	7.87	688	4.45	1.11	.85	1.86	1.33	1.81	.65	.89	AMP
				25.99	96.49	142.25	217.18	296.35	18.32	357.82	97.12	PHASE
467	-12.48	8.74	688	5.27	1.26	.95	1.92	1.38	1.24	.75	.98	AMP
				25.29	98.17	144.86	285.59	295.94	359.98	351.79	77.29	PHASE
468	.25	3.54	688	1.99	1.39	.46	.44	.85	.23	.28	.27	AMP
				278.87	92.97	58.88	278.68	282.94	184.88	348.72	158.13	PHASE
469	-1.41	3.28	688	1.56	1.21	.34	.58	.18	.24	.27	.31	AMP
				295.33	91.79	68.97	268.79	283.19	81.36	327.98	139.88	PHASE
478	-3.29	2.94	688	1.38	1.88	.71	.38	.59	.16	.38	.27	AMP
				325.84	93.41	71.81	253.92	287.13	83.84	387.68	118.74	PHASE
471	-5.13	3.34	688	1.54	.96	.32	.71	.28	.24	.38	.38	AMP
				357.32	188.99	182.58	254.46	289.52	64.85	348.18	123.99	PHASE
472	-7.14	3.94	688	2.14	.87	.38	.86	.45	.32	.24	.24	AMP
				12.79	93.28	114.38	230.33	281.32	23.58	317.84	98.88	PHASE
473	-8.93	4.68	688	2.87	.79	.46	1.81	.55	.48	.18	.43	AMP
				28.74	91.24	124.48	218.68	283.76	8.11	291.21	84.58	PHASE
474	-18.85	5.61	688	3.82	.78	.68	1.28	.63	.51	.28	.38	AMP
				22.33	82.67	123.61	197.77	276.82	341.85	245.88	48.88	PHASE
475	-12.58	6.61	687	4.95	.81	.84	1.36	.68	.63	.33	.56	AMP
				28.73	99.21	123.79	194.83	283.49	344.15	288.38	49.88	PHASE
476	-13.35	6.81	688	5.51	.86	.69	1.43	.55	.69	.26	.61	AMP
				27.28	93.66	116.68	177.84	276.34	329.67	259.64	21.51	PHASE

TABLE VIII.- Continued

(a) Concluded

PITCH LINK											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
440	-5.80	6.73	600	3.95	2.42	1.82	.74	.60	.60	.66	.44
441	-4.28	6.98	600	112.25	305.15	219.27	103.51	269.92	337.64	70.05	128.10
442	-2.57	6.98	600	3.61	2.00	1.09	.91	.41	.42	.50	.49
443	-.92	6.54	600	142.71	208.00	214.24	78.37	244.44	329.68	61.43	101.45
444	1.12	8.16	600	3.75	1.73	1.06	1.05	.24	.23	.50	.51
445	3.41	10.40	600	163.16	270.30	220.49	64.23	227.20	333.03	90.55	114.65
446	5.39	13.11	607	4.20	1.74	.61	1.25	.20	.34	.60	.51
447	7.52	10.16	600	100.72	270.05	245.20	57.19	235.50	6.29	133.31	148.74
448	9.06	21.75	600	4.97	1.87	.27	1.95	.24	.37	.67	.67
449	10.02	25.33	600	195.62	269.81	292.11	55.48	6.34	90.39	165.87	168.39
450	-5.29	6.54	600	6.47	2.21	1.53	2.35	.48	.34	.93	.78
451	-3.65	6.74	600	191.93	252.50	307.64	33.55	42.07	00.66	133.00	150.74
452	-1.90	6.02	600	8.50	2.53	1.30	2.02	.70	.65	1.20	.71
453	-.00	7.06	600	201.19	256.05	339.30	56.44	04.30	157.70	101.41	234.00
454	2.20	9.60	609	10.00	3.15	2.11	3.51	.03	1.00	1.49	1.49
455	4.65	13.50	600	197.31	245.05	343.06	41.32	74.84	161.35	164.20	216.06
456	6.77	16.73	607	12.73	3.33	2.34	3.06	.91	1.29	1.62	1.77
457	9.42	19.03	609	197.77	249.39	.31	53.34	69.04	179.20	165.60	230.23
458	11.01	23.10	600	14.07	3.62	2.99	3.80	.96	1.40	2.09	2.18
459	-3.94	6.66	600	197.34	247.25	3.47	51.37	93.54	175.74	150.07	212.10
460	-2.40	7.06	600	3.91	2.01	.93	1.40	.01	.22	.33	.44
461	-.47	7.10	600	139.60	301.81	231.24	111.00	210.33	41.67	71.76	30.35
462	1.13	7.57	600	3.70	1.87	1.04	.45	.63	.20	.25	.10
463	3.11	9.00	600	162.21	291.10	242.56	06.16	225.66	14.30	70.69	107.16
464	5.20	12.43	610	4.10	1.81	1.03	.53	.49	.25	.23	.29
465	7.05	14.22	600	173.05	279.13	255.53	49.60	210.24	9.61	121.57	100.05
466	9.00	17.33	600	4.95	1.93	.93	.05	.45	.45	.42	.62
467	10.30	22.22	600	101.60	266.32	279.04	37.47	201.92	25.69	135.57	202.59
468	-2.36	4.95	600	6.36	2.10	.99	1.50	.18	.39	.21	.74
469	-.70	5.15	600	107.05	260.45	300.13	40.42	3.07	77.53	145.37	233.11
470	.97	5.90	600	8.34	2.49	1.53	2.50	.45	.00	.10	.70
471	2.79	7.45	600	192.32	272.43	343.33	62.71	30.50	175.26	55.01	290.04
472	4.75	9.04	600	10.27	2.03	1.96	2.02	1.04	.35	.55	.76
473	6.63	10.99	600	193.65	272.05	355.40	59.54	359.47	307.09	61.06	203.03
474	8.00	13.66	600	12.01	3.06	2.46	3.06	1.36	.16	1.30	.53
475	10.67	16.61	607	195.99	264.23	9.00	64.00	17.46	41.06	116.09	322.61
476	11.52	19.16	600	14.02	2.73	2.34	2.30	1.06	.91	2.13	1.20
				194.97	261.19	39.09	75.20	15.00	122.02	151.00	244.79
				3.22	1.85	.90	.05	.99	.30	.67	.00
				139.62	200.23	210.22	06.61	265.62	346.13	89.44	150.02
				3.51	1.54	.85	.93	.74	.10	.72	.45
				153.20	272.73	207.67	54.11	220.00	293.61	62.64	170.00
				4.02	1.41	.51	1.20	.57	.12	.70	.04
				171.93	259.04	211.10	46.83	192.67	214.63	97.35	199.18
				4.50	1.37	.21	1.50	.00	.17	.74	1.06
				109.36	258.21	207.52	44.20	173.93	75.90	117.90	199.32
				5.67	1.59	.25	2.05	1.07	.56	.06	1.77
				196.02	253.92	327.20	50.17	147.34	131.09	149.02	207.06
				7.41	1.90	.02	2.54	1.02	.75	.10	2.19
				196.16	237.17	331.42	20.17	113.06	109.03	127.43	160.12
				9.17	2.33	1.41	2.03	2.30	.95	1.20	2.32
				202.94	240.19	340.04	43.42	134.05	137.03	150.09	192.00
				11.51	3.00	2.29	3.22	2.77	1.06	1.30	2.61
				203.39	235.25	349.24	35.64	120.39	140.42	153.40	102.04
				13.30	3.00	2.97	3.44	2.70	1.40	1.71	2.97
				200.29	231.00	347.45	27.47	121.62	159.59	146.70	165.00
				2.50	1.09	.55	.64	.53	.00	.44	.33
				150.13	260.00	219.75	70.00	204.33	202.00	60.00	197.66
				3.11	.97	.36	.75	.45	.17	.36	.42
				175.53	250.76	201.52	55.72	172.40	233.37	73.07	196.50
				3.00	.93	.10	1.00	.57	.14	.49	.50
				104.02	254.00	204.00	40.36	161.42	320.53	90.10	107.29
				4.05	1.00	.13	1.26	.71	.18	.35	.02
				203.03	255.44	324.44	57.02	142.91	166.03	132.60	206.69
				6.22	1.12	.56	1.46	1.16	.23	.29	.96
				202.54	241.24	330.46	40.49	120.69	155.00	117.33	169.42
				7.05	1.39	1.02	1.66	1.48	.22	.24	1.14
				204.03	232.91	340.52	32.05	116.10	151.29	90.09	155.00
				10.12	1.04	1.56	1.02	1.00	.40	.16	1.22
				204.19	222.29	341.37	13.50	96.55	126.66	02.63	122.70
				12.73	2.47	2.07	2.10	2.07	.00	.55	1.45
				205.24	223.01	352.20	13.20	96.06	130.06	150.16	140.21
				14.23	2.19	2.30	2.17	2.00	1.02	.49	1.54
				202.74	219.06	346.70	356.21	01.10	134.90	152.10	100.05

TABLE VIII.- Continued

(b) $\mu = 0.30$; $M_T = 0.62$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CG/SIGMA
477	-1.0	2.1	6.0	.01654	-.00102	.00198
478	-1.4	3.1	8.0	.02457	-.00352	.00290
479	-1.0	4.7	9.8	.03946	-.00547	.00354
480	-1.2	5.5	12.0	.05765	-.00854	.00481
481	-2.0	6.4	13.8	.06867	-.01080	.00595
482	-2.5	7.2	15.9	.08355	-.01527	.00721
483	-3.3	8.1	18.0	.09570	-.01590	.00866
484	-3.6	8.6	19.0	.10242	-.01722	.00965
485	.2	2.8	3.9	.01666	.00005	.00159
486	.1	3.2	6.1	.03623	.00165	.00211
487	-.4	3.9	7.9	.04417	.00285	.00266
488	-1.3	5.4	10.2	.06186	.00454	.00353
489	-1.9	6.2	12.0	.07564	.00589	.00427
490	-2.4	6.7	13.8	.08415	.00695	.00525
491	-2.7	7.2	14.6	.09473	.00767	.00574
492	-3.1	6.0	15.9	.10062	.00886	.00660
493	.6	2.5	2.0	.02252	.00134	.00121
494	.3	2.8	4.0	.03946	.00174	.00128
495	-.2	3.7	6.1	.05444	.00180	.00155
496	-1.1	5.0	8.0	.06604	.00108	.00208
497	-1.6	5.8	9.9	.07446	.00087	.00265
498	-2.3	6.8	12.0	.09256	.00056	.00340
499	-2.7	7.3	12.8	.09665	-.00003	.00391

TABLE VIII.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	44.82	12.35	595	5.93	3.71	4.21	1.75	3.75	1.24	.82	.86
				156.76	348.28	37.93	359.27	98.22	332.55	259.26	91.45
478	45.82	12.78	584	6.22	3.85	4.35	1.92	3.56	1.35	.86	.78
				153.89	343.21	29.45	348.57	89.82	322.15	243.28	78.93
479	47.22	12.77	585	6.73	3.86	4.17	1.94	3.45	1.38	.66	.67
				148.93	346.14	28.95	337.16	72.55	312.84	227.19	54.88
480	49.37	13.37	585	6.43	4.21	4.87	2.28	3.91	1.32	.64	.66
				137.15	345.97	6.91	321.28	68.28	288.51	198.71	22.87
481	50.98	14.58	584	6.34	4.46	3.79	2.88	3.67	1.32	.66	.67
				127.38	354.65	3.83	326.65	71.77	287.73	191.18	33.22
482	52.93	14.84	584	6.58	4.82	3.53	2.82	3.82	1.31	.83	.61
				188.44	356.88	345.83	383.16	67.39	264.74	176.17	355.79
483	54.53	15.98	585	7.22	5.48	3.41	1.82	3.65	1.33	.97	.61
				88.66	359.34	324.17	276.13	69.61	243.84	166.22	326.82
484	55.43	17.29	586	8.55	6.87	3.55	1.95	3.46	1.47	.95	.57
				75.88	358	311.13	257.75	72.67	235.22	172.85	294.46
485	43.19	17.18	585	7.68	4.75	5.36	2.59	4.76	1.77	1.32	1.71
				155.48	332.18	48.73	355.84	114.12	347.11	258.47	123.42
486	45.15	16.43	584	7.45	4.72	5.79	2.64	4.45	1.98	1.58	1.46
				156.68	331.15	48.87	341.93	185.49	334.24	246.91	125.36
487	46.64	14.98	584	7.19	4.59	5.55	2.55	4.55	1.77	1.39	1.29
				151.77	332.94	34.63	331.26	94.76	323.16	243.88	126.97
488	48.43	14.93	585	6.99	4.58	5.28	2.52	4.63	1.67	1.51	1.11
				143.57	336.53	24.99	315.12	85.13	384.94	228.73	117.42
489	49.94	14.67	585	6.68	4.38	4.77	2.24	4.93	1.38	1.22	1.22
				136.61	343.85	24.34	318.66	94.84	384.95	238.32	118.26
490	51.66	15.84	585	6.89	4.25	4.39	2.23	4.68	1.52	1.88	1.34
				128.26	346.88	18.13	288.99	84.76	276.37	288.55	133.66
491	52.36	15.78	584	6.25	4.38	4.23	2.21	4.69	1.44	1.92	1.74
				112.18	358.86	3.41	281.95	89.83	266.26	282.62	135.16
492	53.15	16.62	584	6.44	4.73	4.84	2.27	4.91	1.47	2.84	1.88
				182.28	357.76	354.98	276.18	96.76	261.54	284.92	144.69
493	42.63	28.76	583	8.65	6.15	6.71	3.71	4.98	2.25	1.72	2.25
				156.43	326.79	68.99	5.34	124.92	347.81	257.98	137.23
494	44.42	28.26	585	8.51	6.85	6.36	3.48	4.48	2.39	1.92	1.65
				154.25	319.86	52.65	345.54	93.76	313.51	235.57	121.58
495	46.87	18.55	584	8.22	5.66	6.88	3.86	4.38	2.16	1.81	1.17
				154.19	327.13	57.41	356.48	183.72	331.77	261.57	155.21
496	47.52	18.56	584	7.99	5.26	6.84	2.87	4.47	2.22	1.87	.88
				145.48	327.64	48.11	343.86	84.88	315.58	258.96	282.21
497	49.81	18.59	585	7.36	4.76	5.67	2.46	4.88	2.88	1.78	1.87
				148.83	332.68	44.25	345.98	85.34	381.49	251.49	235.88
498	58.32	28.31	585	7.28	4.97	5.26	2.42	2.98	1.57	1.57	1.14
				128.38	339.87	33.32	332.71	85.12	279.57	232.49	229.34
499	58.89	21.89	585	7.83	4.88	5.14	2.36	2.94	1.76	1.68	3.78
				128.28	338.12	19.74	315.67	73.94	254.21	217.23	289.72

CHORDWISE 25 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	58.87	16.38	585	3.52	2.18	4.64	2.53	.68	3.38	1.63	.63
				272.88	133.15	272.66	66.54	136.75	348.87	98.16	152.88
478	51.81	19.54	584	7.42	3.94	7.37	3.99	1.54	2.96	2.72	.75
				313.52	131.69	248.55	45.42	329.31	94.64	97.68	145.74
479	52.82	32.38	585	17.41	6.53	11.25	4.47	2.54	2.38	2.59	.82
				333.95	143.56	234.94	33.41	333.55	138.35	111.89	139.88
480	52.45	58.34	585	34.88	4.17	11.42	5.88	2.31	3.86	3.71	.71
				353.99	152.67	231.17	31.49	2.79	339.61	388.93	158.58
481	52.69	76.13	584	47.15	7.68	22.61	6.26	1.44	3.33	2.59	.59
				359.44	169.22	237.96	43.11	9.25	2.71	338.27	178.24
482	52.36	97.98	584	65.39	7.49	27.86	6.14	2.88	3.98	2.95	.44
				1.22	177.27	235.88	28.19	252.92	15.71	354.98	171.66
483	52.48	114.15	585	82.53	8.68	31.23	6.57	4.87	5.58	2.43	.68
				1.13	192.67	232.89	21.88	239.61	42.51	19.88	147.81
484	53.61	125.38	586	97.47	9.99	32.98	6.87	5.57	6.61	1.34	.45
				3.68	288.79	232.18	7.32	258.23	45.76	23.91	76.23
485	49.99	28.52	585	7.29	4.78	6.87	2.18	8.88	1.48	3.35	.85
				281.22	122.67	274.38	62.52	148.85	66.66	111.32	182.26
486	49.95	36.12	584	15.42	9.78	18.61	4.84	2.16	4.25	4.88	.73
				318.52	128.78	255.22	32.84	351.33	146.38	96.91	173.64
487	49.94	43.84	584	23.55	11.29	14.27	5.65	2.29	2.88	2.54	1.28
				334.97	137.17	243.85	37.48	11.41	185.46	85.31	181.57
488	49.91	57.51	585	34.16	11.98	18.71	5.53	2.54	1.96	1.77	.97
				348.31	143.98	237.81	35.81	8.92	264.97	27.38	178.29
489	49.27	73.28	585	44.49	12.38	22.58	5.74	3.88	3.25	2.95	.88
				347.17	151.62	242.15	43.29	13.67	318.95	352.19	187.88
490	47.78	91.64	585	59.52	11.87	26.37	5.77	2.67	4.73	6.16	.53
				353.14	158.19	238.99	39.23	22.55	345.76	338.82	284.14
491	46.83	188.54	584	66.13	11.46	28.82	5.99	2.48	6.81	6.82	.69
				354.79	151.94	248.37	34.56	6.14	354.18	342.68	235.95
492	46.89	111.78	584	75.88	18.26	38.11	5.73	2.79	6.64	7.61	.68
				356.38	158.85	243.88	38.75	353.22	5.81	348.18	298.79
493	48.59	29.35	583	12.86	6.87	7.82	5.32	1.98	1.98	1.48	.88
				277.18	127.72	279.91	84.32	317.93	257.71	116.47	215.35
494	47.83	36.82	585	18.11	18.33	18.52	2.88	4.41	1.87	3.52	1.87
				298.18	134.82	261.85	15.59	293.28	171.68	87.31	175.64
495	46.42	47.12	584	26.58	13.33	13.55	4.22	4.93	4.82	3.25	.78
				325.58	147.72	256.16	49.37	318.61	234.49	121.27	284.18
496	45.39	55.16	584	34.68	14.17	17.34	4.58	5.18	4.81	2.77	.37
				338.18	148.58	249.56	46.91	312.72	251.53	114.43	199.89
497	44.13	67.25	585	45.77	14.86	19.87	5.58	4.56	3.18	3.82	.65
				339.88	149.85	258.38	53.56	321.99	313.89	48.28	277.58
498	42.53	88.27	585	57.95	15.23	24.88	6.89	4.41	5.84	5.28	1.74
				347.17	151.28	258.57	49.93	325.38	343.84	2.88	297.78
499	41.93	93.85	585	62.51	14.36	25.89	5.89	3.98	7.42	7.28	.89
				345.16	145.19	241.42	33.26	319.36	348.27	347.48	291.76

TABLE VIII.- Continued

(b) Continued

TORSION 28 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
477	.88	5.87	585	2.68	1.19	.31	.84	.91	.53	.25	.26	AMP
				312.18	121.88	27.41	318.95	39.64	178.19	328.32	182.18	PHASE
478	-.88	4.93	584	2.58	.88	.19	.85	.93	.58	.18	.35	AMP
				329.79	125.38	7.99	383.49	41.89	192.86	323.89	166.98	PHASE
479	-2.41	4.98	585	2.83	.75	.14	1.81	.98	.42	.23	.33	AMP
				342.45	138.28	298.59	292.46	35.78	177.28	336.22	144.54	PHASE
480	-4.86	6.84	585	3.64	.77	.35	1.25	.98	.64	.41	.19	AMP
				358.67	131.23	259.33	286.98	24.58	169.96	383.25	129.88	PHASE
481	-6.69	6.81	584	4.42	.73	.58	1.27	.99	.71	.52	.14	AMP
				9.88	142.84	256.73	293.81	41.71	189.48	388.62	129.48	PHASE
482	-8.95	9.11	584	5.81	.86	1.84	1.27	1.17	.73	.72	.12	AMP
				14.36	135.78	244.95	283.76	37.98	186.99	298.15	17.38	PHASE
483	-11.12	11.61	585	7.58	1.14	1.58	1.22	1.44	.52	.71	.28	AMP
				16.37	124.79	233.98	271.62	36.78	166.43	287.21	4.58	PHASE
484	-12.57	13.48	586	9.89	1.28	1.69	1.84	1.71	.55	.56	.18	AMP
				14.81	98.24	238.61	273.36	39.49	136.41	272.73	299.64	PHASE
485	1.98	6.69	585	3.22	1.89	.34	1.17	1.12	.54	.17	.48	AMP
				318.21	122.98	51.28	322.68	62.14	178.36	.89	191.69	PHASE
486	-.24	6.66	584	3.18	1.66	.12	1.31	1.89	.38	.21	.45	AMP
				331.58	122.86	45.47	383.13	59.11	281.98	344.58	194.82	PHASE
487	-2.81	6.71	584	3.41	1.62	.13	1.38	1.17	.58	.48	.51	AMP
				343.86	121.44	298.93	296.97	59.57	187.88	341.96	197.18	PHASE
488	-4.11	7.85	585	4.84	1.33	.26	1.42	1.19	.48	.57	.39	AMP
				354.44	121.78	251.93	289.23	54.78	182.34	322.59	195.62	PHASE
489	-5.95	8.16	585	4.86	1.34	.62	1.49	1.35	.58	.71	.43	AMP
				3.87	123.73	244.74	293.41	62.16	195.71	329.91	198.29	PHASE
490	-8.35	18.48	585	6.48	1.72	.98	1.58	1.48	.62	.78	.56	AMP
				9.54	117.22	239.39	289.98	54.81	281.24	312.93	197.31	PHASE
491	-9.58	11.38	584	7.39	1.99	1.32	1.58	1.45	.45	.82	.66	AMP
				11.64	118.58	239.12	289.35	53.48	238.15	323.98	189.61	PHASE
492	-18.78	12.89	584	8.52	2.25	1.54	1.51	1.49	.39	.85	.75	AMP
				13.98	116.61	248.46	298.38	54.37	279.84	337.39	281.17	PHASE
493	2.73	7.52	583	3.67	2.22	.44	1.71	1.18	.45	.21	.65	AMP
				318.84	135.58	87.69	338.43	84.72	199.28	21.62	227.82	PHASE
494	.64	7.62	585	3.66	2.86	.26	1.58	.98	.45	.32	.49	AMP
				331.81	129.88	71.83	315.11	46.66	213.13	322.78	197.58	PHASE
495	-1.53	7.86	584	4.85	1.93	.89	1.55	1.81	.43	.68	.29	AMP
				347.39	132.68	348.33	328.49	66.32	249.56	339.98	241.52	PHASE
496	-3.43	8.36	584	4.65	1.89	.17	1.76	.98	.32	.82	.38	AMP
				354.28	128.26	267.86	389.85	52.85	242.25	342.86	291.98	PHASE
497	-5.77	9.65	585	5.88	2.89	.51	1.85	.89	.34	.88	.75	AMP
				2.43	123.95	254.81	388.69	44.88	287.64	347.64	298.16	PHASE
498	-8.36	11.62	585	7.68	2.47	.83	2.89	.98	.68	1.82	1.16	AMP
				7.54	128.84	252.57	381.44	11.47	342.35	343.52	296.18	PHASE
499	-9.43	13.21	585	8.42	2.62	.93	2.16	1.86	.72	1.17	1.54	AMP
				5.53	111.48	242.62	288.67	353.57	322.78	319.27	274.19	PHASE

TABLE VIII.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	28.82	14.66	585	9.65	5.21	5.47	1.27	2.83	.32	.29	.29
478	38.45	15.88	584	145.35	339.47	42.33	344.95	98.87	388.32	239.75	244.17
479	31.93	16.27	585	18.46	5.45	6.88	1.27	1.84	.81	.27	.24
480	33.94	18.21	585	145.42	338.87	34.63	335.92	92.53	298.33	248.57	231.58
481	35.58	18.36	584	11.38	5.54	6.28	1.24	1.75	.52	.25	.28
482	37.46	19.45	584	143.82	339.68	28.37	328.27	78.13	289.88	232.68	287.59
483	39.18	28.88	585	12.35	6.87	6.52	1.38	2.84	.49	.34	.27
484	39.92	19.87	586	142.65	337.88	28.61	388.54	58.39	268.42	225.73	162.33
485	27.18	19.85	585	12.85	6.38	6.52	1.27	1.98	.54	.35	.38
486	28.78	21.24	584	144.27	343.88	25.29	313.84	78.85	254.66	263.28	195.68
487	38.23	28.97	584	13.55	6.52	6.36	1.17	2.18	.58	.24	.31
488	32.11	28.76	585	141.74	342.25	16.62	292.79	65.39	225.51	271.61	159.16
489	33.58	21.87	585	13.89	6.87	5.98	1.88	1.92	.71	.16	.34
490	35.23	28.56	585	138.25	342.85	8.31	271.19	64.63	218.13	262.88	135.37
491	35.88	28.57	584	14.86	7.22	5.39	.96	1.82	.78	.85	.37
492	36.79	21.82	584	135.38	343.38	2.61	254.31	69.27	284.89	185.75	184.83
493	25.44	24.92	583	11.37	6.79	6.91	1.75	2.56	.54	.34	.46
494	27.87	25.84	585	143.15	328.44	49.51	344.87	116.86	321.56	258.67	278.22
495	28.73	24.46	584	12.28	7.89	7.78	1.66	2.39	.64	.37	.32
496	38.25	23.76	584	143.99	324.99	42.66	334.48	111.55	314.85	236.85	264.86
497	31.88	23.13	585	12.82	7.88	7.82	1.63	2.24	.54	.38	.21
498	33.14	22.88	585	143.44	325.85	37.38	323.84	188.84	388.76	213.18	277.85
499	33.79	22.74	585	13.45	6.87	7.89	1.48	2.28	.56	.43	.14
				141.51	326.56	31.18	387.33	87.86	273.94	198.22	278.78
				13.79	6.74	7.84	1.29	2.39	.55	.48	.22
				142.17	329.66	32.91	388.58	97.18	265.47	215.18	266.38
				13.99	6.21	7.67	1.26	2.16	.64	.33	.14
				139.12	327.61	24.42	272.31	98.21	234.81	194.98	292.34
				14.21	6.22	7.58	1.29	2.22	.89	.33	.28
				137.75	328.75	21.41	262.98	95.62	221.89	184.84	311.43
				14.35	6.17	7.28	1.28	2.33	.78	.88	.22
				137.13	334.82	28.11	256.83	183.88	214.78	183.41	292.84
				12.93	8.86	8.84	2.43	3.83	.55	.35	.57
				145.39	326.39	66.57	352.98	131.18	358.74	257.58	297.33
				13.84	8.75	7.87	2.12	2.64	.57	.38	.39
				143.87	317.71	51.17	341.32	183.68	317.59	284.27	278.21
				14.47	8.37	7.84	1.88	2.34	.44	.33	.21
				146.51	323.42	55.77	352.12	114.98	351.81	218.73	316.29
				14.91	7.95	7.95	1.42	2.23	.48	.48	.21
				143.42	321.88	47.14	345.29	93.38	328.87	282.98	6.82
				15.83	7.32	8.39	1.34	2.14	.29	.51	.36
				142.97	323.83	45.87	347.15	93.59	276.66	286.99	91.79
				15.52	7.65	8.43	1.38	1.54	.42	.48	.63
				141.18	324.77	37.81	338.93	93.89	232.23	216.43	79.37
				15.49	7.36	8.58	1.24	1.59	.56	.51	.85
				137.62	328.28	26.48	316.21	88.34	285.87	191.72	55.22

CHORDWISE 37 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	22.48	19.42	585	4.87	2.23	3.42	3.45	.93	4.81	2.58	.73
478	22.99	21.11	584	275.92	128.69	292.44	59.74	148.37	345.82	89.31	183.23
479	22.94	27.87	585	7.15	3.59	5.29	5.13	1.13	3.66	4.44	.88
480	22.73	49.87	585	386.64	131.89	266.81	45.17	318.28	79.16	91.67	158.37
481	22.25	63.55	584	14.89	5.48	8.28	5.95	2.55	2.26	4.18	.97
482	28.87	79.29	584	327.21	141.27	247.71	36.89	325.19	133.49	112.97	135.86
483	19.55	87.97	585	26.35	5.94	13.98	7.64	2.78	4.53	3.74	1.58
484	28.19	95.86	586	346.38	148.51	241.83	31.15	359.85	326.75	279.43	156.84
485	22.64	28.55	585	35.45	6.23	17.27	8.82	1.98	4.82	5.51	1.44
486	22.22	38.84	584	351.95	184.47	248.84	48.87	9.28	347.87	387.72	171.87
487	21.64	39.57	584	49.12	6.24	22.14	9.23	1.66	4.81	5.48	.89
488	28.82	58.86	585	354.84	178.31	245.55	26.44	265.33	.66	332.75	151.58
489	19.51	59.86	585	62.88	7.88	25.63	18.15	3.91	6.16	4.21	1.18
490	16.98	77.93	584	354.14	183.98	242.14	17.32	241.64	35.84	359.88	186.12
491	15.58	84.43	584	72.16	9.24	28.52	9.88	7.34	8.12	2.84	2.16
492	14.71	91.61	584	367.43	188.79	239.99	2.17	261.87	39.32	18.68	48.39
493	21.78	25.47	583	7.37	4.24	4.95	3.51	1.58	1.96	5.53	.89
494	17.56	58.89	584	279.42	111.54	283.95	54.83	159.93	48.87	184.58	233.35
495	19.11	44.74	584	13.48	8.83	7.84	5.88	1.31	4.78	6.72	.51
496	17.56	58.89	584	318.23	124.98	266.99	34.73	332.43	139.26	92.81	293.37
497	15.38	68.81	585	19.25	9.52	18.73	7.52	1.43	1.71	3.83	.85
498	12.51	76.29	585	325.89	133.28	254.82	38.24	.62	288.43	88.12	162.72
499	11.51	76.66	585	27.26	18.21	14.48	7.84	2.89	3.59	2.32	.77
				332.15	139.15	249.72	35.81	1.18	277.64	22.88	129.94
				35.24	18.98	17.86	8.56	2.75	6.89	4.52	.81
				339.57	146.72	254.29	43.62	9.35	317.19	338.81	156.97
				46.83	11.27	21.74	9.88	2.84	7.83	18.18	7.31
				345.88	145.82	251.72	37.71	14.69	348.42	338.17	33.82
				52.27	11.31	23.63	9.46	2.56	9.28	11.29	.89
				347.69	146.47	253.87	33.89	351.69	348.75	335.39	384.89
				59.17	18.73	25.96	9.43	3.27	9.94	12.68	1.78
				349.66	152.88	255.19	38.33	341.83	1.48	342.69	333.38
				11.62	5.36	6.88	3.59	3.58	2.72	5.83	2.42
				275.96	119.13	284.84	71.38	389.36	268.62	118.51	232.44
				16.34	8.98	8.28	3.88	4.86	1.58	6.12	.43
				294.26	129.99	288.62	31.17	282.88	177.35	79.52	281.91
				22.66	11.92	18.61	6.52	5.58	4.39	5.89	.12
				318.86	143.47	267.26	54.65	384.16	248.19	121.47	129.82
				29.86	12.97	13.79	7.27	5.89	4.93	5.23	1.35
				324.23	143.87	261.92	52.59	303.89	262.41	128.37	91.18
				37.77	14.15	15.98	8.95	5.62	4.78	3.82	1.81
				333.96	144.87	264.58	57.42	315.98	328.32	58.88	7.97
				47.81	15.85	19.94	9.88	6.59	8.89	7.38	2.34
				341.38	145.84	265.88	52.54	324.17	348.92	385.33	29.67
				51.67	14.61	21.77	9.97	6.24	11.36	18.31	3.84
				339.38	141.74	256.39	36.12	319.92	352.58	344.13	4.92

TABLE VIII.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	.49	4.91	585	2.75	1.34	.22	.74	.88	.48	.21	.19
				389.86	184.81	14.52	298.47	3.53	138.33	283.84	132.88
478	-1.35	4.83	584	2.73	1.87	.88	.77	.82	.46	.17	.24
				326.87	188.32	351.61	274.56	5.77	158.84	283.98	115.12
479	-2.88	4.79	585	3.84	.98	.18	.98	.81	.39	.22	.25
				337.77	111.62	288.15	263.24	358.33	134.46	292.57	98.76
480	-5.34	5.87	585	3.81	.84	.25	1.89	.87	.57	.37	.13
				352.18	114.79	216.11	257.71	347.41	127.64	268.12	68.75
481	-7.12	6.57	584	4.52	.88	.45	1.12	.86	.62	.44	.18
				2.82	127.17	214.72	264.87	5.85	148.16	263.83	73.28
482	-9.35	8.44	584	5.75	.98	.84	1.13	1.82	.67	.61	.18
				7.43	123.98	287.57	255.78	2.27	142.58	245.58	334.58
483	-11.49	18.62	585	7.23	1.22	1.32	1.88	1.26	.49	.64	.22
				9.41	115.17	199.59	244.86	2.17	122.46	242.13	316.88
484	-12.94	12.38	586	8.67	1.33	1.34	.88	1.53	.54	.52	.14
				7.69	92.26	282.84	249.15	5.68	94.49	228.89	261.72
485	1.39	6.21	585	3.28	2.88	.27	1.82	.96	.58	.28	.34
				384.91	188.63	38.24	294.88	24.88	136.24	328.36	146.71
486	-.88	6.21	584	3.18	1.76	.84	1.14	.98	.38	.23	.31
				325.46	189.88	27.85	274.89	28.55	153.76	389.87	152.24
487	-2.52	6.48	584	3.48	1.68	.14	1.12	.95	.45	.39	.35
				337.57	188.45	232.73	269.58	28.64	141.31	382.64	151.15
488	-4.61	6.72	585	4.11	1.39	.24	1.21	.99	.44	.53	.27
				347.58	188.31	212.36	262.12	16.22	135.58	283.59	158.21
489	-6.44	7.77	585	4.87	1.48	.58	1.28	1.11	.52	.63	.29
				356.96	111.96	212.43	266.17	23.42	148.71	286.68	145.59
490	-8.77	9.58	585	5.29	1.78	.91	1.41	1.16	.57	.68	.48
				2.77	185.48	286.55	262.14	17.15	148.45	267.32	158.18
491	-9.98	18.58	584	7.16	2.88	1.17	1.42	1.28	.35	.72	.48
				4.66	185.54	286.68	268.39	15.47	169.88	276.76	139.63
492	-11.15	11.75	584	8.21	2.27	1.38	1.35	1.27	.28	.74	.57
				7.27	184.27	286.84	261.44	16.52	219.78	289.59	149.51
493	2.16	7.88	583	3.72	2.44	.31	1.46	.95	.42	.25	.46
				311.37	124.57	69.75	318.78	45.14	154.21	349.43	184.88
494	.11	7.12	585	3.69	2.16	.16	1.36	.87	.42	.33	.38
				323.68	115.21	57.18	286.55	7.48	163.28	298.45	155.88
495	-1.99	7.25	584	4.88	1.97	.87	1.33	.89	.36	.53	.18
				339.58	112.49	245.76	291.45	26.88	198.11	383.93	285.54
496	-3.84	7.48	584	4.56	1.87	.28	1.53	.81	.27	.76	.25
				346.87	113.44	214.56	283.88	10.81	188.88	382.68	262.17
497	-6.89	8.37	585	5.57	1.98	.46	1.62	.83	.22	.78	.55
				354.58	109.04	217.57	279.41	3.73	227.17	383.88	256.97
498	-8.57	18.35	585	7.22	2.27	.73	1.89	.88	.44	.89	.85
				359.36	184.26	211.88	272.88	336.26	381.83	381.12	249.77
499	-9.59	11.73	585	7.87	2.41	.88	1.96	.99	.52	.98	1.13
				357.51	94.98	281.78	259.51	318.28	281.51	275.28	226.22

TABLE VIII.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
477	12.94	28.88	585	13.68	7.45	6.38	1.88	1.45	.52	.64	.85	AMP
478	14.66	28.88	584	139.23	328.27	36.58	322.95	274.68	142.81	55.63	274.82	PHASE
479	16.38	21.74	585	14.54	7.64	7.15	1.18	1.48	.55	.69	.77	AMP
480	18.45	23.98	585	139.67	325.85	28.89	318.68	266.82	127.81	48.78	261.54	PHASE
481	28.32	25.38	584	15.68	7.67	7.17	.96	1.43	.51	.52	.67	AMP
482	22.53	26.69	584	138.78	324.52	22.94	384.39	256.73	118.58	24.48	235.78	PHASE
483	24.48	27.59	585	17.85	8.19	8.77	1.83	1.65	.51	.58	.68	AMP
484	25.42	27.32	586	138.74	321.89	16.55	285.65	247.35	93.37	340.89	214.23	PHASE
485	18.13	25.98	585	17.87	8.35	9.89	.99	1.47	.53	.57	.61	AMP
486	12.82	27.76	584	141.73	326.53	21.67	286.85	259.52	98.63	345.93	228.49	PHASE
487	13.66	28.27	584	19.18	8.28	9.39	.85	1.47	.52	.69	.48	AMP
488	15.89	28.27	585	148.83	321.18	14.62	277.51	256.38	88.81	337.11	174.28	PHASE
489	17.64	28.85	585	19.88	8.34	9.23	.72	1.44	.47	.73	.57	AMP
490	19.61	28.38	585	139.32	318.85	7.63	267.71	256.88	67.99	329.38	142.36	PHASE
491	28.46	28.71	584	28.25	8.52	8.66	.59	1.37	.55	.71	.48	AMP
492	21.55	27.98	584	138.86	317.48	3.61	268.19	268.33	53.88	341.63	185.65	PHASE
493	7.44	31.32	583	15.64	18.21	7.81	1.59	1.67	.79	1.05	1.71	AMP
494	9.37	31.23	585	136.88	321.47	46.88	328.52	279.18	141.62	56.58	388.86	PHASE
495	11.38	31.82	584	16.77	18.74	8.98	1.57	1.64	.97	1.18	1.43	AMP
496	13.17	31.12	584	137.23	317.78	39.62	338.55	268.69	122.98	58.11	381.59	PHASE
497	15.86	38.42	565	17.67	18.58	9.37	1.61	1.81	1.88	1.83	1.17	AMP
498	16.73	31.89	585	137.52	315.94	34.85	323.21	261.81	112.18	47.92	383.87	PHASE
499	17.63	31.19	585	18.77	18.21	9.83	.51	1.74	1.16	1.99	.87	AMP
				137.88	314.66	27.56	313.86	256.14	98.48	33.87	298.88	PHASE
				19.42	9.97	18.84	1.47	1.74	.83	1.14	1.11	AMP
				138.87	315.59	28.82	318.81	266.21	98.83	36.31	381.43	PHASE
				28.87	9.27	18.89	1.33	1.59	.91	1.37	1.37	AMP
				137.32	388.88	19.36	386.64	255.36	79.14	16.19	317.11	PHASE
				28.52	9.22	18.83	1.38	1.55	.87	1.43	1.75	AMP
				136.87	388.42	17.32	382.53	258.74	74.24	12.88	317.51	PHASE
				28.83	9.83	9.78	1.56	.84	1.58	1.82	1.82	AMP
				137.23	318.99	17.88	381.75	268.88	73.41	17.97	328.85	PHASE
				17.32	13.49	8.69	1.54	1.86	1.39	1.55	2.85	AMP
				139.59	324.27	63.41	352.83	287.29	144.88	64.54	315.54	PHASE
				18.41	13.82	8.81	1.38	1.78	1.53	1.82	1.56	AMP
				137.62	314.62	48.98	345.84	268.88	118.86	42.92	384.88	PHASE
				19.21	12.43	9.86	1.48	1.72	1.44	1.76	1.18	AMP
				142.83	319.83	51.88	355.85	275.61	125.48	78.18	339.78	PHASE
				19.97	11.72	9.62	1.32	1.64	1.61	1.76	1.82	AMP
				148.18	314.65	42.17	344.22	259.78	113.98	63.49	22.74	PHASE
				20.49	18.65	9.79	1.22	1.38	1.63	1.61	1.98	AMP
				148.41	312.88	39.85	343.92	259.58	186.46	64.98	51.14	PHASE
				21.56	18.89	18.18	1.16	1.83	1.45	1.53	3.11	AMP
				139.94	313.35	32.93	347.84	258.44	91.67	52.48	45.96	PHASE
				21.79	18.38	18.21	1.17	.93	1.47	1.61	3.77	AMP
				136.55	387.15	22.89	336.95	243.53	78.98	37.46	26.54	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
477	2.84	21.94	585	5.28	2.64	2.98	3.64	.74	5.22	2.72	.68	AMP
478	1.88	23.85	584	292.59	142.89	296.21	63.98	172.73	347.56	93.83	284.37	PHASE
479	1.32	27.15	585	8.33	3.88	4.46	5.36	1.24	3.79	4.92	.76	AMP
480	.73	44.38	585	387.42	139.69	274.56	58.25	297.82	74.89	94.12	161.32	PHASE
481	.85	54.32	584	13.56	5.28	6.68	6.33	2.48	1.91	4.57	.92	AMP
482	-1.46	65.81	584	321.22	144.48	256.98	41.84	313.88	132.19	117.33	128.99	PHASE
483	-3.13	68.49	585	22.36	5.79	18.95	8.18	2.26	5.13	4.55	1.85	AMP
484	-2.65	75.68	586	336.81	146.92	258.58	35.88	352.87	326.82	277.88	156.64	PHASE
485	2.38	24.28	585	29.17	5.94	13.63	9.23	1.68	5.35	6.55	1.69	AMP
486	2.83	38.52	584	342.67	168.73	256.48	43.99	2.82	345.58	388.98	173.27	PHASE
487	1.74	48.57	584	39.31	5.62	17.77	18.23	1.67	5.21	6.47	.91	AMP
488	1.83	46.28	585	344.83	158.92	253.38	29.86	264.81	357.33	332.88	147.77	PHASE
489	-1.88	53.44	585	49.83	5.64	28.71	11.31	3.78	6.24	4.88	1.41	AMP
490	-2.44	65.45	585	345.16	167.78	249.15	18.38	243.22	32.49	.21	94.75	PHASE
491	-4.85	71.38	584	54.97	8.38	24.13	11.88	7.29	8.45	2.85	3.81	AMP
492	-5.18	77.28	584	349.32	172.84	245.14	.82	264.32	36.56	22.99	48.12	PHASE
493	-1.88	56.64	585	8.18	4.43	4.23	3.75	1.39	2.14	6.12	.92	AMP
494	-4.95	67.19	585	288.98	121.35	286.69	63.12	187.74	41.32	187.41	268.82	PHASE
495	-6.18	68.49	585	13.45	7.62	6.64	5.73	1.63	4.74	7.51	.95	AMP
496	-1.88	56.64	585	387.28	128.53	275.92	47.65	384.88	139.93	93.69	324.88	PHASE
497	-1.88	56.64	585	17.88	8.78	8.63	7.66	1.34	1.63	4.22	.63	AMP
498	-1.88	56.64	585	318.69	134.19	264.44	46.58	322.65	216.85	92.34	133.15	PHASE
499	-1.88	56.64	585	24.85	9.29	11.38	8.27	1.72	4.19	2.42	1.81	AMP
				324.24	137.55	258.78	42.11	339.89	282.89	23.49	182.81	PHASE
				38.17	9.78	14.18	9.18	2.23	6.51	5.88	1.87	AMP
				331.86	142.61	262.88	47.99	356.35	319.17	341.13	137.48	PHASE
				38.87	18.15	17.58	9.63	2.88	8.48	11.51	.82	AMP
				336.67	137.48	259.24	39.75	4.62	341.48	332.96	57.41	PHASE
				43.26	18.32	19.28	18.14	2.42	18.11	12.85	.86	AMP
				338.49	137.12	268.87	35.34	348.34	349.58	338.59	332.88	PHASE
				48.58	18.11	21.58	18.36	3.38	18.93	14.28	2.82	AMP
				348.98	141.38	261.39	38.48	334.67	2.74	346.54	346.51	PHASE
				11.67	5.94	5.36	3.76	3.99	3.89	4.22	2.46	AMP
				284.11	127.85	288.64	85.71	311.17	274.21	111.25	239.31	PHASE
				18.98	8.86	6.95	3.94	5.18	1.41	6.73	1.39	AMP
				295.82	131.36	274.49	49.66	281.58	186.96	81.16	289.46	PHASE
				28.88	11.84	8.46	6.67	5.69	4.68	6.82	.33	AMP
				314.27	142.46	274.66	64.64	382.16	246.46	124.64	76.29	PHASE
				25.88	11.74	18.86	7.66	5.84	5.48	6.16	2.21	AMP
				318.71	148.82	269.36	59.67	381.86	268.95	125.18	97.66	PHASE
				32.84	12.69	12.58	9.39	5.56	5.45	4.22	3.85	AMP
				327.19	139.51	272.27	61.34	315.34	331.94	68.49	92.62	PHASE
				41.32	13.62	16.11	18.48	6.86	18.81	7.71	3.34	AMP
				333.63	139.15	272.88	53.88	327.25	352.87	1.88	53.82	PHASE
				44.52	13.35	17.88	18.88	6.69	12.68	18.89	5.88	AMP
				331.66	133.88	263.12	36.87	324.89	355.41	358.73	22.98	PHASE

TABLE VIII.- Continued

(b) Continued

TORSION θ PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	1.41	4.84	585	2.41	1.58	.23	.71	.84	.49	.19	
478	-3.35	4.67	584	315.71	115.24	39.68	328.11	35.14	167.94	331.53	198
479	-1.79	4.73	585	2.48	1.19	.89	.71	.82	.47	.17	
480	-4.16	5.83	585	335.84	128.85	32.92	386.47	33.28	188.67	341.22	168
481	-5.98	6.39	584	2.73	.99	.85	.77	.88	.39	.26	
482	-8.87	8.26	584	347.46	127.88	182.47	294.87	23.65	166.59	348.64	142.98
483	-18.88	18.85	585	3.48	.93	.19	.92	.88	.56	.48	
484	-11.53	11.41	586	2.88	135.34	287.58	282.12	13.97	157.69	298.67	123.13
485	2.43	6.43	585	4.17	.89	.36	.84	.89	.61	.49	
486	.26	6.34	584	12.83	151.89	213.38	287.81	38.96	176.89	382.44	123.47
487	-1.42	6.39	584	5.31	.98	.68	.97	1.89	.78	.16	
488	-3.43	6.41	585	17.58	158.97	289.98	279.17	29.17	178.14	283.75	22.72
489	-5.15	7.19	585	6.69	1.28	1.86	.91	1.29	.57	.74	
490	-7.38	8.56	585	19.31	143.61	283.82	272.52	28.52	158.69	281.45	2.58
491	-8.29	9.32	584	8.87	1.12	.92	.65	1.58	.66	.63	
492	-9.45	18.44	584	17.81	124.13	283.86	278.14	31.58	126.55	271.82	318.29
493	3.14	7.28	583	3.88	2.24	.34	.97	.99	.57	.23	
494	1.13	7.38	585	318.71	119.84	39.44	324.13	55.38	166.71	31.73	289.58
495	-1.91	6.85	584	2.88	1.95	.16	1.81	.86	.44	.38	
496	-2.62	7.18	584	332.42	122.44	28.53	385.15	46.63	183.18	14.84	214.39
497	-4.64	7.66	585	3.14	1.78	.89	.96	.91	.53	.41	
498	-6.98	9.19	585	345.21	124.41	.11	1.88	.98	.58	.54	
499	-7.86	18.44	585	3.68	1.47	.29	1.82	1.89	.56	.33	
				356.73	127.96	237.21	287.78	48.18	164.83	331.33	213.28
				4.32	1.36	.29	1.82	1.89	.56	.33	
				6.51	133.86	223.98	289.93	48.32	175.15	332.98	281.81
				8.45	1.45	.57	1.19	1.19	.64	.78	
				12.34	125.89	286.57	281.12	38.78	166.83	318.89	288.37
				6.18	1.58	.83	1.29	1.31	.43	.78	
				13.74	123.95	1.86	1.32	1.43	.21	.85	
				15.54	118.75	196.79	275.79	36.74	172.35	334.81	196.58
				3.46	2.62	.29	1.38	1.86	.56	.34	
				316.37	135.57	66.11	337.48	72.92	183.18	41.98	242.28
				3.33	2.38	.23	1.24	.98	.47	.41	
				328.91	127.53	28.68	315.43	38.85	185.86	352.88	221.77
				3.54	1.98	.19	1.13	.98	.39	.56	
				345.42	134.83	.89	1.25	53.63	222.59	357.88	283.95
				3.94	1.77	.89	1.25	.86	.29	.79	
				352.83	131.58	338.47	389.61	35.84	288.15	349.86	331.93
				4.64	1.63	.16	1.36	.92	.19	.85	
				1.62	126.77	238.44	383.11	29.74	241.22	348.11	325.12
				6.89	1.71	.49	1.77	1.82	.37	.98	
				6.48	119.89	288.82	294.81	9.51	339.85	343.45	314.43
				6.69	1.79	.68	1.89	1.16	.45	.87	
				4.52	186.14	191.84	288.31	358.36	317.39	318.77	287.69

TABLE VIII.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
477	-2.87	24.88	585	16.26 135.81	7.83 327.33	3.64 355.39	2.49 169.28	3.88 275.89	.88 78.85	.68 213.38	1.29 94.38	AMP PHASE
478	.48	25.85	584	16.73 137.98	7.99 325.73	4.36 352.82	2.46 168.35	3.52 278.36	.36 131.28	.72 194.63	1.17 83.87	AMP PHASE
479	2.75	26.19	585	17.68 139.15	8.13 324.72	4.86 351.45	2.39 149.18	3.36 251.58	.35 115.37	.57 173.86	1.81 58.29	AMP PHASE
480	6.44	28.84	585	18.92 141.65	8.91 321.66	5.41 349.43	2.39 131.31	3.82 239.83	.48 74.54	.89 136.61	.89 33.78	AMP PHASE
481	9.33	38.17	584	19.73 146.54	9.29 326.76	5.72 356.52	2.18 133.56	3.67 251.85	.62 68.41	.77 139.96	.84 48.98	AMP PHASE
482	12.72	32.38	584	21.86 147.56	9.78 321.27	5.83 352.26	1.84 111.88	4.84 246.37	.82 45.58	.89 135.36	.89 357.96	AMP PHASE
483	15.88	33.38	585	22.38 148.13	18.38 317.87	5.74 347.85	1.53 86.67	3.93 245.82	1.83 38.12	.88 132.83	.66 318.21	AMP PHASE
484	17.42	34.63	586	23.33 148.58	18.98 315.98	5.38 344.82	1.41 67.89	3.88 248.84	1.86 24.75	.76 145.95	.59 271.44	AMP PHASE
485	-4.78	28.84	585	18.38 132.88	18.38 322.33	4.85 3.27	3.88 167.78	4.84 294.68	.68 273.56	1.16 218.13	2.68 115.71	AMP PHASE
486	-1.98	38.16	584	19.81 136.31	18.69 319.19	4.91 5.93	3.91 159.93	4.39 298.95	.62 258.87	1.29 211.64	2.28 115.71	AMP PHASE
487	.74	31.11	584	19.69 138.25	18.65 318.27	5.31 388.12	3.55 182.48	4.26 281.51	.58 258.59	1.86 283.41	1.82 117.28	AMP PHASE
488	3.98	32.27	585	22.54 148.28	18.71 316.88	5.56 354.88	2.99 148.49	4.56 278.45	1.28 266.48	1.28 193.86	1.54 112.63	AMP PHASE
489	6.78	33.41	585	21.38 143.81	18.88 318.98	5.61 359.26	2.43 136.82	4.83 278.85	.25 317.12	1.16 198.58	1.74 118.46	AMP PHASE
490	9.95	34.77	585	22.25 144.98	18.77 313.63	5.45 347.86	1.94 116.73	4.58 271.85	.44 18.83	1.25 178.33	2.88 132.83	AMP PHASE
491	11.44	35.98	584	22.98 145.59	18.88 313.83	5.31 347.58	1.82 187.56	4.84 274.79	.58 2.42	1.24 169.54	2.68 134.72	AMP PHASE
492	13.87	36.48	584	23.57 147.58	11.18 316.23	5.14 346.28	1.84 94.76	4.87 281.86	1.86 7.39	1.18 175.65	2.71 145.89	AMP PHASE
493	-7.17	32.83	583	28.28 134.82	12.27 326.45	4.48 17.58	5.77 179.87	4.53 313.31	1.32 321.67	2.16 246.38	2.96 139.47	AMP PHASE
494	-4.48	32.39	585	28.53 135.29	12.26 314.89	4.53 6.41	4.95 164.99	4.18 282.84	.91 295.38	2.42 224.78	2.39 131.76	AMP PHASE
495	-1.24	32.16	584	21.22 141.55	11.67 328.18	4.76 18.77	4.15 176.14	3.92 291.17	1.84 288.12	2.41 249.85	1.97 178.88	AMP PHASE
496	1.53	33.11	584	21.97 142.86	11.26 316.36	4.99 12.66	3.78 167.37	4.87 272.19	1.88 288.84	2.23 239.59	1.69 194.68	AMP PHASE
497	4.68	34.83	585	22.54 144.43	18.66 315.28	4.76 13.82	3.88 165.77	4.11 274.31	1.16 286.13	1.95 248.75	2.95 228.88	AMP PHASE
498	7.88	36.91	585	24.28 145.83	18.62 317.22	4.62 9.47	2.94 155.78	3.29 278.57	1.33 383.45	1.78 236.28	4.53 217.66	AMP PHASE
499	9.22	37.76	585	24.68 143.44	18.28 318.95	4.58 356.66	2.65 143.95	3.49 266.77	1.31 299.18	1.62 218.53	5.35 197.72	AMP PHASE

CHORDWISE 77 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
477	-18.21	14.48	585	4.87 145.27	2.78 325.97	2.57 358.86	1.43 98.26	1.81 753.51	2.27 343.83	1.18 97.71	4.88 118.43	AMP PHASE
478	-9.88	13.37	584	3.87 151.89	2.43 328.98	2.91 339.38	1.99 72.38	2.14 269.35	1.63 66.87	2.12 95.36	6.88 184.74	AMP PHASE
479	-9.19	11.76	585	2.48 153.78	2.88 329.33	3.19 327.13	2.42 59.88	2.31 267.46	.74 119.73	2.88 115.81	.68 84.39	AMP PHASE
480	-7.59	12.29	585	.27 49.78	2.38 328.87	4.84 311.54	3.32 48.27	1.85 268.87	2.27 323.83	1.84 265.83	.77 128.88	AMP PHASE
481	-6.87	13.99	584	2.88 337.41	2.78 332.73	4.68 312.69	3.82 53.69	1.83 269.55	2.45 343.84	2.88 289.15	.67 136.28	AMP PHASE
482	-4.33	18.98	584	3.96 333.56	3.24 328.39	5.33 388.94	3.78 37.28	4.87 246.93	1.88 352.81	2.23 327.94	1.69 86.65	AMP PHASE
483	-3.44	22.83	585	7.78 338.88	3.79 321.26	6.72 298.82	4.88 23.48	3.39 248.82	2.95 28.52	2.89 358.78	.66 55.24	AMP PHASE
484	-1.58	23.52	586	7.35 342.28	2.56 283.85	8.18 278.17	4.52 353.17	5.16 268.85	4.26 21.68	1.44 28.34	1.37 37.85	AMP PHASE
485	-9.64	16.25	585	5.24 146.21	3.45 326.61	2.73 358.84	1.75 114.57	2.21 274.28	.85 14.65	2.58 189.83	.53 125.56	AMP PHASE
486	-11.83	16.17	584	3.87 155.57	2.69 326.73	3.43 342.12	2.23 84.29	2.66 283.86	1.73 135.35	3.84 94.33	.53 71.89	AMP PHASE
487	-18.35	13.55	584	2.26 161.29	2.31 325.47	3.69 332.82	2.97 68.98	2.55 277.49	.65 236.87	1.67 97.89	1.85 182.82	AMP PHASE
488	-8.76	14.85	585	.81 218.84	2.23 324.96	4.29 321.76	3.43 58.88	2.68 274.18	1.98 284.52	.75 23.96	1.21 94.19	AMP PHASE
489	-7.48	16.84	585	1.89 381.73	2.23 329.11	4.94 328.11	3.92 58.47	2.69 285.87	3.86 317.26	1.96 333.76	1.97 111.81	AMP PHASE
490	-6.19	21.14	585	4.44 319.76	2.36 332.26	5.98 387.48	4.38 46.78	2.24 279.69	4.88 337.88	4.83 329.17	1.88 94.44	AMP PHASE
491	-5.48	23.46	584	8.71 322.55	2.55 333.91	6.56 384.47	4.56 41.36	2.75 281.67	4.82 343.47	5.53 335.84	1.81 181.84	AMP PHASE
492	-4.95	26.82	584	7.12 325.72	2.63 334.51	7.17 299.79	4.65 33.35	3.48 292.71	5.39 356.43	6.14 343.87	.75 98.28	AMP PHASE
493	-12.97	19.47	583	5.68 157.78	3.98 329.84	2.72 .77	2.61 144.16	3.65 384.35	1.59 285.12	2.86 115.26	1.32 184.47	AMP PHASE
494	-12.77	19.28	585	4.39 165.68	3.88 315.18	2.98 348.84	2.88 118.81	3.79 272.74	.37 218.41	2.28 85.14	1.15 156.32	AMP PHASE
495	-11.45	17.43	584	2.74 181.16	2.25 328.13	3.18 349.24	2.76 95.36	3.97 288.18	1.92 248.79	2.68 131.93	.85 146.91	AMP PHASE
496	-18.86	17.61	584	1.78 216.86	1.86 318.14	3.75 337.35	3.25 82.83	3.98 288.54	2.35 269.54	2.51 138.88	1.52 128.58	AMP PHASE
497	-8.65	28.51	585	2.24 286.66	1.44 338.84	4.26 335.78	4.82 76.82	3.68 288.75	2.55 328.26	1.47 68.56	1.79 129.41	AMP PHASE
498	-7.94	28.39	585	4.38 312.87	1.78 345.72	5.36 325.88	4.59 64.98	3.66 384.73	4.83 347.14	3.11 357.29	1.31 124.37	AMP PHASE
499	-7.18	28.39	585	5.48 313.48	1.69 344.23	5.79 318.78	4.78 46.83	3.53 388.14	6.86 358.19	4.43 349.26	1.25 84.85	AMP PHASE

TABLE VIII.- Continued

(b) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO		16										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
477	-.42	4.08	585	2.17	1.55	.89	.67	.52	.39	.14	.28	AMP
478	-2.11	3.61	584	293.62	119.68	62.21	336.96	21.38	166.86	48.32	269.18	PHASE
479	-3.38	3.74	585	1.84	1.38	.84	.67	.47	.36	.19	.16	AMP
480	-5.52	4.61	585	313.44	129.85	163.11	328.28	13.84	169.44	17.62	238.51	PHASE
481	-7.03	5.15	584	1.96	1.16	.14	.63	.48	.33	.25	.18	AMP
482	-8.89	6.07	584	331.79	148.98	174.92	314.51	1.81	158.44	1.32	198.92	PHASE
483	-10.59	6.81	585	2.44	1.21	.24	.66	.52	.38	.24	.06	AMP
484	-11.74	7.27	586	356.58	154.78	173.67	293.28	353.64	135.14	322.55	175.58	PHASE
485	.19	5.33	585	3.01	1.31	.35	.64	.58	.38	.26	.06	AMP
486	-1.88	5.88	584	11.24	178.42	177.47	293.38	9.28	147.48	313.31	185.73	PHASE
487	-3.38	5.87	584	3.94	1.52	.58	.63	.55	.48	.41	.05	AMP
488	-5.06	5.35	585	19.73	173.77	169.57	278.62	6.68	138.32	288.23	339.82	PHASE
489	-6.53	5.75	585	5.84	1.86	.59	.52	.61	.39	.53	.11	AMP
490	-8.38	6.48	585	23.94	174.21	158.14	263.48	7.74	116.84	285.67	1.44	PHASE
491	-9.84	7.01	584	5.91	1.57	.53	.68	.45	.47	.11	.05	AMP
492	-9.91	7.88	584	28.55	176.19	187.53	275.94	29.23	186.83	283.63	312.85	PHASE
493	.56	7.88	583	2.88	2.29	.11	.95	.58	.53	.41	.41	AMP
494	-1.38	6.37	585	291.48	118.85	36.28	343.82	38.21	169.28	66.27	287.63	PHASE
495	-3.88	5.88	584	2.48	2.82	.84	.91	.48	.47	.47	.43	AMP
496	-5.86	5.35	585	312.56	124.18	295.65	333.81	8.35	178.57	46.17	286.88	PHASE
497	-6.16	5.02	585	2.39	1.78	.11	.84	.49	.49	.43	.37	AMP
498	-7.84	6.48	585	328.83	129.92	221.35	326.28	3.34	156.89	31.45	285.77	PHASE
499	-8.48	7.01	584	2.66	1.66	.16	.77	.54	.47	.47	.37	AMP
				346.71	139.87	187.69	311.86	5.92	141.87	9.27	284.25	PHASE
				3.88	1.59	.24	.72	.55	.47	.48	.33	AMP
				1.58	151.58	192.56	387.95	18.34	143.81	7.45	285.74	PHASE
				3.79	1.56	.29	.73	.49	.48	.49	.39	AMP
				12.54	157.52	165.66	289.11	8.76	152.61	342.92	277.95	PHASE
				4.24	1.67	.39	.76	.53	.41	.58	.48	AMP
				15.77	168.71	167.22	285.82	13.58	126.38	339.78	281.87	PHASE
				4.83	1.73	.45	.67	.53	.32	.78	.31	AMP
				19.29	164.88	155.83	284.87	28.87	132.14	346.87	298.55	PHASE
				3.48	2.62	.12	1.16	.73	.68	.64	.57	AMP
				298.58	127.24	297.18	355.78	33.18	189.42	189.42	311.34	PHASE
				2.99	2.39	.26	1.88	.68	.45	.64	.55	AMP
				303.83	122.49	388.83	335.93	359.58	173.56	38.96	384.77	PHASE
				2.88	2.85	.31	.96	.71	.32	.61	.52	AMP
				329.83	133.22	295.27	347.82	13.48	198.76	43.55	342.18	PHASE
				3.81	1.84	.26	.94	.73	.26	.64	.64	AMP
				347.89	135.82	281.77	331.89	.83	163.79	25.48	355.76	PHASE
				3.25	1.62	.25	.98	.69	.16	.78	.79	AMP
				351.33	144.97	272.45	323.82	1.48	141.87	16.21	4.11	PHASE
				3.88	1.58	.23	.98	.61	.11	.75	1.82	AMP
				5.57	157.75	281.68	389.92	344.49	15.71	1.88	357.17	PHASE
				4.15	1.51	.16	.91	.68	.12	.76	1.17	AMP
				5.85	154.31	233.84	294.68	326.28	328.83	331.89	331.72	PHASE

PITCH LINK												
RUN NO		16										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
477	-1.94	5.87	585	2.76	.58	.88	.97	1.13	.43	.37	.31	AMP
478	-.43	5.55	584	158.78	328.85	288.62	136.62	215.73	359.67	184.79	326.68	PHASE
479	.99	6.14	585	2.96	.43	.76	.99	1.16	.51	.22	.38	AMP
480	3.18	7.89	585	178.76	353.31	187.23	119.89	214.37	15.12	87.97	322.77	PHASE
481	4.66	9.92	584	3.14	.38	.71	1.18	1.28	.49	.16	.32	AMP
482	6.64	12.55	584	199.91	9.82	159.85	188.56	285.67	13.88	62.79	294.47	PHASE
483	8.65	16.89	585	6.66	.46	.63	1.44	1.45	.78	.32	.23	AMP
484	9.94	18.68	586	287.47	28.15	122.86	185.69	191.19	3.38	61.46	271.88	PHASE
485	-2.88	6.22	585	6.87	.54	.76	1.44	1.48	.84	.36	.17	AMP
486	-1.87	6.94	584	212.62	42.14	91.61	115.26	286.81	15.44	94.75	268.96	PHASE
487	.46	7.62	584	8.23	.48	1.36	1.45	1.56	.98	.58	.21	AMP
488	2.27	9.12	585	211.42	29.25	62.88	185.38	288.26	6.18	188.41	175.89	PHASE
489	3.86	11.87	585	18.85	.43	2.15	1.34	1.68	.88	.66	.39	AMP
490	6.88	14.26	585	289.84	343.44	43.26	93.84	197.68	341.88	115.72	149.35	PHASE
491	7.88	15.85	584	13.88	.42	2.48	1.24	1.76	.82	.52	.37	AMP
492	8.19	17.41	584	288.82	25.59	41.43	93.86	198.36	319.91	114.95	91.18	PHASE
493	-3.75	7.18	583	2.28	1.13	.95	1.37	1.44	.38	.37	.72	AMP
494	-2.86	8.29	585	156.93	314.55	198.88	138.25	243.12	1.86	88.88	338.24	PHASE
495	-.23	18.28	584	2.85	1.82	.83	1.55	1.46	.38	.32	.67	AMP
496	1.41	11.71	584	176.41	315.85	185.46	117.68	235.64	35.85	67.61	335.46	PHASE
497	1.47	13.62	585	3.74	.96	.74	1.56	1.64	.57	.32	.69	AMP
498	5.76	16.49	585	187.54	316.87	165.91	112.62	236.25	27.48	181.61	346.87	PHASE
499	6.74	17.68	585	4.93	.83	.57	1.72	1.67	.57	.52	.55	AMP
				197.38	322.88	143.91	185.72	228.38	28.56	89.79	338.12	PHASE
				6.31	.83	.56	1.77	1.81	.78	.64	.64	AMP
				282.94	325.83	182.48	118.83	234.85	35.23	189.85	335.32	PHASE
				8.57	1.89	1.88	1.88	1.76	.89	.79	.79	AMP
				282.87	384.85	68.66	185.28	224.87	33.55	184.78	348.44	PHASE
				9.91	1.31	1.88	1.81	1.72	.79	.88	1.88	AMP
				283.45	298.71	58.36	184.73	222.48	55.36	125.56	336.35	PHASE
				11.39	1.56	1.85	1.71	1.69	.76	.86	1.13	AMP
				284.96	293.32	58.18	186.17	223.65	79.76	143.61	358.38	PHASE
				2.69	1.68	.99	2.81	1.45	.42	.28	.77	AMP
				168.98	331.88	228.83	154.81	265.18	35.39	84.99	1.49	PHASE
				3.31	1.46	.83	1.86	1.33	.54	.58	.74	AMP
				171.67	323.58	281.66	129.15	226.76	36.49	69.11	341.98	PHASE
				4.18	1.42	.73	1.87	1.45	.78	.69	.45	AMP
				187.88	324.54	188.34	135.98	246.71	71.71	118.48	27.55	PHASE
				5.29	1.49	.57	2.15	1.32	.64	.78	.52	AMP
				194.93	319.77	176.82	127.87	228.22	75.88	115.14	63.29	PHASE
				7.82	1.67	.37	2.17	1.26	.69	.77	1.12	AMP
				199.84	312.99	132.76	125.98	217.49	98.66	132.41	76.88	PHASE
				9.59	1.95	.62	2.45	1.18	.78	1.88	1.79	AMP
				288.45	388.17	79.61	128.53	181.48	139.87	139.41	74.24	PHASE
				18.62	2.18	.68	2.46	1.23	.82	1.27	2.22	AMP
				197.64	294.89	68.46	186.54	162.46	123.44	119.44	54.27	PHASE

TABLE VIII.- Continued

(c) $\mu = 0.30$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
519	-1.0	1.8	2.1	.02322	.00160	.00132
520	-1.1	3.2	4.2	.03749	.00136	.00151
521	-1.1	4.3	6.2	.05053	.00110	.00182
522	-1.6	5.6	8.2	.06380	.00051	.00231
523	-2.1	6.4	10.3	.07940	.00036	.00303
524	-2.5	7.0	12.1	.09271	.00058	.00362
525	-2.9	7.8	13.0	.09711	.00022	.00420
526	.1	3.0	.2	.02309	.00449	.00101
527	.1	3.1	2.1	.04247	.00639	.00066
528	-.4	3.6	4.1	.05819	.00787	.00054
529	-1.1	4.7	6.1	.07111	.00854	.00072
530	-1.5	5.5	8.2	.08605	.00993	.00095
531	-1.7	5.6	10.1	.10177	.01271	.00121
532	-2.9	7.6	10.9	.10113	.00933	.00210
533	-.0	3.0	4.2	.01807	.00004	.00184
534	-.4	3.6	6.2	.03349	.00156	.00229
535	-1.0	4.5	8.1	.04657	.00296	.00288
536	-1.0	4.3	10.0	.06510	.00357	.00344
537	-2.5	6.6	12.1	.07177	.00627	.00453
538	-2.9	7.4	14.0	.08694	.00775	.00550
539	-3.7	8.4	16.1	.09856	.00928	.00673
540	-4.2	9.3	18.9	.10198	.01078	.00759
541	-4.4	9.6	18.1	.10935	.01138	.00851
570	.0	3.5	6.3	.01296	.00121	.00193
571	-.2	4.0	8.2	.02701	.00365	.00276
572	-.7	4.8	10.2	.04101	.00613	.00374
573	-1.6	5.7	11.9	.05283	.00851	.00473
574	-2.0	6.7	14.0	.06788	.01119	.00599
575	-2.9	7.9	16.3	.08072	.01420	.00744
576	-3.4	8.6	18.1	.09220	.01629	.00873
577	-3.8	9.2	20.0	.10605	.01793	.01060

TABLE VIII.- Continued

(c) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO 10												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	42.58	21.42	618	7.95	6.23	7.14	4.13	5.96	2.58	2.18	3.81	AMP
				147.47	316.66	54.45	33.33	81.39	323.89	226.73	66.31	PHASE
520	44.32	28.64	618	8.53	6.86	6.73	4.95	5.77	2.27	2.21	2.28	AMP
				158.16	321.19	53.72	345.48	92.27	324.23	248.79	98.19	PHASE
521	45.74	28.26	618	8.47	5.69	6.25	3.02	5.15	2.43	2.38	1.92	AMP
				147.72	319.89	43.88	334.84	88.79	388.49	225.11	86.82	PHASE
522	47.39	18.65	611	8.24	5.33	6.21	3.24	5.82	2.37	2.87	1.88	AMP
				146.98	326.48	45.17	337.81	85.81	313.29	244.78	133.23	PHASE
523	49.84	18.85	618	7.57	5.89	5.87	2.76	4.33	2.11	1.83	1.58	AMP
				136.97	325.82	38.43	322.13	64.45	279.69	226.71	161.68	PHASE
524	58.37	19.61	689	7.28	5.87	5.42	2.52	3.52	1.87	1.78	3.89	AMP
				126.96	333.27	25.46	319.13	64.16	268.76	215.13	165.91	PHASE
525	51.82	28.64	618	6.97	5.86	6.24	2.59	3.89	1.93	1.83	3.76	AMP
				121.28	338.23	19.92	311.18	65.28	252.69	219.18	178.69	PHASE
526	41.77	22.89	618	18.37	6.97	6.88	3.34	5.93	3.82	2.21	1.78	AMP
				145.76	321.83	72.85	1.32	83.41	338.66	264.73	148.52	PHASE
527	43.44	19.94	618	18.29	6.81	6.33	2.99	4.88	2.85	2.63	1.64	AMP
				151.88	322.76	71.75	12.41	75.32	325.64	278.56	159.83	PHASE
528	44.94	19.38	618	9.83	6.46	6.28	2.66	4.62	2.96	2.64	1.46	AMP
				153.33	326.98	75.29	21.71	73.46	326.88	284.52	183.68	PHASE
529	46.37	19.44	618	9.47	6.35	6.13	2.54	4.32	2.94	2.35	1.49	AMP
				149.97	328.79	78.71	22.28	66.86	323.96	284.47	187.61	PHASE
530	47.75	19.92	618	8.93	6.88	5.64	2.14	4.24	2.66	2.28	2.12	AMP
				143.14	328.91	61.43	9.76	44.18	386.54	265.68	169.72	PHASE
531	48.77	19.85	689	8.13	5.78	4.79	2.86	4.28	2.22	1.99	1.93	AMP
				134.86	344.81	62.68	2.77	31.26	387.99	269.12	184.47	PHASE
532	49.41	21.87	688	8.22	6.15	4.51	1.97	3.81	1.85	1.88	2.35	AMP
				138.33	348.44	58.14	338.23	47.79	293.88	257.85	175.56	PHASE
533	43.21	17.39	618	7.88	4.86	5.56	2.74	5.32	1.82	1.66	1.99	AMP
				153.73	332.23	45.31	344.49	95.96	342.49	244.61	88.73	PHASE
534	44.91	16.87	611	7.73	4.79	5.75	2.97	5.18	1.82	1.66	1.86	AMP
				151.88	327.54	38.89	324.83	88.95	313.44	224.89	66.74	PHASE
535	46.51	16.41	618	7.56	4.68	5.55	2.92	5.28	1.99	1.66	2.83	AMP
				147.17	328.69	24.82	317.65	75.49	386.43	217.89	65.64	PHASE
536	48.38	15.38	618	6.83	4.78	5.75	2.89	5.29	1.62	1.59	1.68	AMP
				158.84	348.59	39.86	328.98	95.51	328.22	255.75	116.69	PHASE
537	49.91	15.94	618	6.95	4.71	4.98	2.57	5.88	1.61	1.62	1.77	AMP
				137.59	341.67	19.36	384.39	78.86	388.58	225.48	75.88	PHASE
538	51.66	15.88	618	6.32	4.71	4.44	2.46	4.95	1.52	1.78	1.91	AMP
				128.99	354.55	28.16	299.35	98.19	381.13	237.51	185.99	PHASE
539	53.13	17.82	618	6.23	5.86	4.89	2.53	5.16	1.41	1.88	2.89	AMP
				189.65	.38	.81	288.71	94.76	277.28	289.86	99.47	PHASE
540	53.81	17.85	618	6.49	5.72	3.93	2.58	5.32	1.42	1.98	1.72	AMP
				97.62	2.86	346.98	264.69	98.93	257.29	192.77	77.44	PHASE
541	54.64	28.47	618	7.49	6.35	3.68	2.94	5.41	1.68	2.59	2.88	AMP
				77.97	4.28	326.28	246.73	91.83	244.25	185.46	83.82	PHASE
542	44.81	13.77	612	7.23	3.79	4.18	1.85	4.86	1.22	1.81	.95	AMP
				153.93	338.14	26.62	345.36	69.15	316.49	225.88	22.53	PHASE
543	45.84	14.33	611	7.14	3.94	4.35	2.22	4.89	1.44	1.81	1.13	AMP
				154.88	341.98	23.38	335.78	66.93	386.81	224.28	27.52	PHASE
544	47.67	14.12	611	7.81	4.12	4.88	2.26	4.38	1.41	.83	.87	AMP
				147.62	343.74	17.83	325.38	54.72	388.19	214.41	22.63	PHASE
545	49.31	15.85	618	6.83	4.32	4.22	2.21	4.27	1.29	.88	.71	AMP
				143.89	354.28	19.58	332.38	66.94	389.17	228.73	46.46	PHASE
546	51.29	15.96	688	6.57	4.68	4.88	2.33	4.38	1.27	.68	1.87	AMP
				131.36	357.28	6.78	323.89	64.84	289.52	286.87	29.73	PHASE
547	53.16	16.24	611	6.58	5.83	3.67	2.28	4.21	1.13	.78	.96	AMP
				115.88	1.51	358.94	387.15	61.72	278.91	189.12	354.39	PHASE
548	54.71	16.73	611	6.81	5.71	3.44	2.24	4.28	1.25	.87	.98	AMP
				95.78	2.81	331.85	285.81	61.66	248.87	162.85	319.28	PHASE
549	56.31	19.83	618	9.65	7.29	3.62	2.38	3.62	1.63	.93	.94	AMP
				63.74	1.89	297.27	243.13	58.89	229.71	179.42	271.88	PHASE

TABLE VIII.- Continued

(c) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO 10											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	62.05	25.03	610	10.20	4.86	4.38	3.29	.51	8.98	1.33	1.98
				261.29	121.90	259.90	57.61	254.66	240.90	43.32	111.60
520	60.60	29.16	610	14.44	7.45	7.72	2.76	1.69	2.79	3.35	1.39
				291.37	133.55	264.22	58.11	256.44	290.67	60.11	148.10
521	59.31	40.94	610	22.82	11.16	11.34	3.60	5.16	3.00	4.44	.90
				301.81	136.17	248.44	17.00	286.72	64.43	58.42	137.51
522	50.24	50.90	611	33.36	13.96	14.49	4.87	5.78	3.35	3.65	.39
				318.44	144.57	248.40	33.02	301.83	186.90	83.36	168.95
523	55.06	65.20	610	45.59	15.19	18.78	6.06	5.27	2.47	2.25	.69
				330.17	141.98	238.99	32.43	295.34	307.43	10.80	229.91
524	53.40	81.37	609	57.70	15.60	22.20	6.83	5.01	6.69	5.09	1.50
				341.86	144.72	243.50	32.78	306.77	322.85	313.56	259.69
525	52.99	90.00	610	63.95	15.10	24.09	6.92	4.15	8.30	6.61	1.69
				341.82	144.42	242.85	26.63	320.16	340.72	322.77	282.11
526	59.58	25.72	610	47.04	15.02	14.73	4.84	6.90	4.89	1.60	1.60
				13.67	5.20	5.73	3.47	1.16	6.55	1.83	1.20
527	56.06	44.46	610	258.57	126.71	259.55	71.60	237.66	266.00	67.14	195.00
				22.61	7.64	10.17	3.49	3.98	10.80	1.16	2.80
528	53.92	45.96	610	200.93	142.07	200.45	81.30	279.12	280.49	33.32	182.21
				29.09	10.81	10.06	3.78	6.44	5.20	2.02	1.81
529	51.54	50.70	610	302.15	146.80	202.30	81.98	296.22	350.66	81.52	214.69
				36.40	13.49	11.64	4.01	7.17	3.07	2.36	1.46
530	40.32	64.43	610	316.45	151.57	271.39	78.74	302.49	330.00	126.90	219.66
				47.04	15.02	14.73	4.84	6.90	4.89	1.60	1.60
531	43.03	87.13	609	331.37	149.71	259.07	67.84	301.04	301.03	267.11	215.96
				61.18	17.11	18.02	5.35	5.67	8.12	6.20	.73
532	45.61	79.49	600	354.80	157.50	273.96	54.16	336.44	329.32	315.66	226.34
				60.39	16.16	19.56	4.86	5.45	7.65	4.05	.65
533	50.00	19.97	610	340.30	154.66	262.32	49.59	322.17	325.62	294.96	240.40
				8.71	4.86	5.05	2.56	2.36	3.74	2.19	1.33
534	59.06	31.45	611	273.72	114.29	269.86	72.57	109.70	311.13	94.54	130.60
				13.47	8.20	8.35	3.09	1.88	5.29	3.34	.78
535	59.27	43.74	610	295.40	118.50	250.76	17.20	10.04	49.84	55.34	133.24
				21.60	10.66	11.27	5.44	2.04	3.29	3.28	1.21
536	50.50	60.49	610	317.55	128.95	233.99	14.07	344.77	101.89	64.50	131.27
				34.05	12.94	16.33	7.40	4.44	5.16	2.27	1.13
537	50.09	67.35	610	340.90	148.74	252.20	50.90	37.65	337.00	2.95	199.90
				40.96	12.77	20.21	6.61	3.31	4.12	.62	1.18
538	57.06	80.03	610	337.56	148.96	238.09	34.91	353.40	274.77	353.32	147.18
				57.14	12.47	24.70	6.85	3.86	6.30	2.21	.93
539	56.76	104.96	610	340.56	150.05	249.67	49.03	3.37	320.04	334.14	202.67
				72.23	10.69	20.31	7.06	5.40	7.28	3.86	.73
540	57.30	110.93	610	351.14	160.50	245.40	35.46	339.34	337.64	319.95	236.93
				80.11	9.65	29.97	7.09	6.59	8.81	3.96	.50
541	57.97	126.44	610	350.13	167.80	241.73	22.46	320.11	341.30	310.87	252.03
				94.46	10.05	32.76	6.32	5.56	7.65	3.83	.10
570	57.10	16.02	612	356.12	173.17	239.07	1.89	296.00	3.96	332.51	261.85
				4.93	3.11	4.41	3.35	1.71	3.75	1.75	.59
571	50.23	20.16	611	274.95	121.13	260.52	57.53	62.20	316.95	86.83	07.20
				11.44	6.11	7.30	4.55	2.38	5.09	2.55	.00
572	59.09	41.29	611	317.74	131.63	238.40	30.46	355.42	87.42	76.74	111.73
				21.43	7.69	11.00	5.06	3.26	1.45	.90	.90
573	59.59	52.46	610	339.75	143.07	220.09	31.79	10.02	86.66	86.31	124.93
				30.26	8.13	15.53	6.70	2.40	1.18	.82	.86
574	59.59	76.14	600	348.18	159.46	237.14	45.80	27.12	319.60	99.65	153.36
				46.67	8.07	20.73	7.49	1.49	4.50	.87	.69
575	60.30	97.41	611	354.33	166.43	236.05	42.09	346.82	333.11	335.79	156.76
				63.44	9.40	26.18	7.83	2.17	4.03	.77	.71
576	59.90	112.67	611	353.43	170.41	233.16	34.69	272.33	310.26	26.22	160.04
				81.04	0.95	29.55	7.65	3.19	5.61	2.07	.60
577	60.03	141.03	610	355.65	190.67	231.07	23.65	243.40	350.30	30.06	146.15
				114.10	13.12	31.60	6.14	9.57	7.30	2.94	1.09
				2.05	205.67	220.13	357.82	244.46	26.71	57.44	89.09

TABLE VIII.- Continued

(c) Continued

TORSION 20 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	3.33	7.91	61#	3.77	2.59	.25	2.87	1.16	.49	.51	.61	AMP
				389.87	124.48	46.88	316.48	23.82	181.89	322.68	134.53	PHASE
520	1.28	7.98	61#	3.78	2.25	.33	1.83	1.17	.56	.69	.31	AMP
				325.28	138.23	37.24	317.67	38.86	174.58	326.49	148.39	PHASE
521	-.72	8.88	61#	4.82	2.81	.38	1.66	1.28	.71	.77	.29	AMP
				337.64	122.58	19.82	381.75	27.89	193.93	321.38	135.91	PHASE
522	-2.97	8.44	611	4.69	1.89	.89	1.81	1.15	.51	.99	.19	AMP
				351.33	125.48	323.13	381.95	48.99	226.47	336.85	244.75	PHASE
523	-5.72	9.68	61#	6.11	2.12	.45	1.99	1.85	.16	.98	.51	AMP
				358.58	15.58	246.27	287.54	13.47	227.87	323.88	227.67	PHASE
524	-8.47	12.59	689	8.16	2.59	.92	2.25	1.26	.46	1.86	1.82	AMP
				4.77	4.67	253.98	288.98	347.31	338.64	338.30	223.31	PHASE
525	-9.69	13.83	61#	9.82	2.78	1.18	2.41	1.45	.58	1.81	1.48	AMP
				5.83	118.23	249.47	287.94	345.91	342.88	324.97	227.87	PHASE
526	4.43	7.95	61#	4.83	2.91	.35	1.53	1.34	.48	.39	.51	AMP
				314.38	128.16	96.65	333.92	36.45	115.59	386.96	238.85	PHASE
527	2.82	8.87	61#	4.11	2.85	.16	1.45	.95	.25	.76	.57	AMP
				335.16	138.14	86.64	337.84	29.64	88.31	316.88	217.55	PHASE
528	-.33	7.79	61#	4.75	2.49	.14	1.13	.99	.24	.78	.53	AMP
				358.51	131.98	188.58	332.51	19.85	271.47	358.39	233.37	PHASE
529	-2.73	8.54	61#	5.77	2.53	.42	1.19	1.81	.47	.73	.71	AMP
				357.98	133.54	217.69	317.98	4.82	331.55	18.76	285.99	PHASE
530	-5.67	11.26	61#	7.56	2.92	.79	1.44	1.33	.52	.66	.89	AMP
				3.43	127.35	228.34	384.33	341.89	355.98	4.68	191.78	PHASE
531	-9.49	16.75	689	11.18	3.89	1.17	1.71	1.63	.39	.71	1.27	AMP
				18.99	127.97	248.68	312.53	344.63	159.99	294.89	225.18	PHASE
532	-9.78	15.61	688	18.51	3.33	1.19	1.81	1.69	.28	.64	1.26	AMP
				7.81	124.36	238.49	388.97	341.68	36.18	387.97	228.71	PHASE
533	2.29	6.53	61#	3.28	2.87	.37	1.41	1.15	.68	.32	.45	AMP
				385.87	116.78	27.77	317.42	33.97	136.46	331.33	142.98	PHASE
534	.32	6.85	611	3.18	1.79	.22	1.36	1.16	.68	.44	.44	AMP
				321.26	112.59	27.41	298.23	28.89	162.56	342.19	145.46	PHASE
535	-1.59	7.36	61#	3.44	1.52	.11	1.36	1.42	.62	.68	.51	AMP
				336.83	113.76	293.72	284.27	28.36	168.18	318.97	128.73	PHASE
536	-3.95	7.95	61#	4.29	1.71	.34	1.63	1.28	.68	.98	.43	AMP
				358.18	121.12	296.92	386.29	57.78	186.94	345.85	188.72	PHASE
537	-5.88	8.24	61#	4.89	1.25	.49	1.64	1.34	.62	.87	.87	AMP
				1.14	128.51	255.85	287.37	43.44	168.29	389.67	135.62	PHASE
538	-8.22	18.63	61#	6.47	1.59	1.88	1.66	1.39	.63	.91	.66	AMP
				12.32	125.87	258.56	388.47	65.85	191.93	331.75	164.52	PHASE
539	-18.62	12.91	61#	8.52	2.13	1.58	1.61	1.53	.23	.88	.88	AMP
				15.28	119.49	251.36	292.79	53.85	211.14	336.87	155.29	PHASE
540	-11.93	14.11	61#	9.77	2.33	1.65	1.46	1.64	.28	.96	.72	AMP
				14.85	188.47	246.34	287.86	38.45	325.87	333.88	135.46	PHASE
541	-14.28	18.29	61#	12.55	3.82	2.28	1.49	1.82	.79	1.36	.57	AMP
				11.24	94.83	248.62	293.33	32.46	296.58	318.24	161.48	PHASE
570	1.19	5.88	612	2.83	1.37	.39	1.83	.91	.43	.38	.28	AMP
				383.51	188.13	357.82	383.22	1.49	134.54	312.35	188.29	PHASE
571	-.61	5.78	611	2.73	1.88	.21	1.87	1.13	.55	.26	.27	AMP
				324.57	112.44	333.53	298.16	11.93	164.74	383.28	189.86	PHASE
572	-2.57	5.68	611	3.81	.94	.25	1.25	1.88	.51	.39	.24	AMP
				342.25	117.45	298.54	285.58	18.16	149.99	382.62	187.12	PHASE
573	-4.48	5.88	61#	3.53	.75	.39	1.38	1.88	.53	.48	.19	AMP
				357.81	132.32	282.37	295.42	23.53	168.72	313.88	122.96	PHASE
574	-6.64	7.34	688	4.68	.74	.61	1.35	1.89	.64	.71	.23	AMP
				8.48	135.46	267.31	291.81	22.47	176.78	382.91	98.47	PHASE
575	-8.98	9.11	611	5.92	.78	.98	1.37	1.84	.78	.83	.21	AMP
				13.74	135.98	251.72	281.88	23.64	175.57	284.82	47.34	PHASE
576	-11.82	11.73	611	7.65	1.11	1.65	1.34	1.36	.67	.91	.35	AMP
				16.38	123.61	241.84	275.86	27.89	165.22	275.12	347.73	PHASE
577	-14.29	16.78	61#	12.81	1.91	2.22	1.77	1.26	.66	1.33	.66	AMP
				13.83	78.18	253.81	298.18	22.81	251.85	286.61	296.88	PHASE

TABLE VIII.- Continued

(c) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO 10												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	24.15	23.58	61#	12.31	8.75	7.98	2.76	3.24	.54	.27	.83	AMP
520	25.76	24.83	61#	148.19	315.74	51.61	328.72	86.95	319.25	168.63	237.53	PHASE
521	27.34	24.26	61#	13.19	8.47	7.78	2.66	3.15	.43	.32	.78	AMP
522	29.88	23.86	611	142.97	319.89	51.88	337.33	99.38	324.18	187.66	256.83	PHASE
523	38.66	23.29	61#	13.93	8.19	7.82	2.47	2.76	.58	.28	.66	AMP
524	31.98	22.88	609	141.34	315.88	41.59	331.72	92.58	382.56	193.85	249.16	PHASE
525	32.64	22.71	61#	14.45	7.72	8.23	1.94	2.71	.42	.36	.27	AMP
526	22.99	24.96	61#	142.83	328.76	44.85	338.84	96.82	328.56	198.88	275.22	PHASE
527	24.71	25.86	61#	14.92	7.42	8.35	1.54	2.33	.38	.49	.18	AMP
528	26.16	25.88	61#	139.28	315.46	31.26	322.72	74.38	268.71	189.85	356.79	PHASE
529	27.66	25.22	61#	15.44	7.54	8.28	1.36	1.85	.38	.43	.64	AMP
530	29.88	26.36	61#	138.67	318.51	28.83	314.59	71.46	225.55	284.63	352.52	PHASE
531	38.32	24.34	609	15.26	7.41	8.22	1.38	1.69	.49	.58	.84	AMP
532	38.98	24.83	608	137.87	319.64	25.88	387.47	73.31	284.11	197.79	357.55	PHASE
533	25.79	19.88	61#	14.25	9.51	7.32	2.22	3.89	.59	.21	.86	AMP
534	27.36	28.18	611	148.88	319.84	66.74	345.41	94.88	325.41	176.86	253.98	PHASE
535	28.81	28.88	61#	15.35	9.28	7.12	1.78	2.51	.41	.29	.31	AMP
536	38.37	21.43	61#	142.97	328.44	66.74	.91	89.15	346.47	167.69	335.24	PHASE
537	32.22	28.28	61#	16.83	8.87	7.18	1.54	2.21	.48	.36	.23	AMP
538	33.98	28.23	61#	145.29	322.47	68.37	14.11	87.99	334.39	193.67	1.85	PHASE
539	35.48	28.45	61#	16.56	8.64	7.88	1.32	1.99	.46	.48	.28	AMP
540	36.25	28.55	61#	144.73	323.24	64.52	19.52	78.79	337.66	198.82	25.89	PHASE
541	36.99	28.23	61#	17.88	8.66	7.34	.98	1.89	.36	.37	.41	AMP
542	27.59	13.88	612	142.47	328.28	54.78	9.88	49.28	324.98	182.56	357.58	PHASE
543	29.11	15.66	611	17.48	8.68	7.18	.74	2.87	.21	.38	.32	AMP
544	32.36	17.45	61#	144.63	338.83	57.99	346.38	28.91	323.97	281.88	28.45	PHASE
545	34.38	18.42	608	17.89	8.89	7.85	.88	1.34	.18	.33	.46	AMP
546	36.25	19.46	611	141.52	326.75	47.98	318.31	48.64	219.96	179.87	18.49	PHASE
547	37.79	19.66	611	11.82	6.66	6.88	1.96	2.85	.48	.24	.58	AMP
548	39.17	28.87	61#	142.15	327.57	45.27	332.32	96.68	314.23	217.48	248.44	PHASE
549	29.78	16.92	611	11.82	6.78	7.23	2.87	2.59	.64	.31	.62	AMP
550	32.36	17.45	61#	148.38	328.46	32.83	216.92	87.41	282.78	286.76	225.71	PHASE
551	34.38	18.42	608	12.68	6.98	7.88	1.91	2.54	.65	.28	.56	AMP
552	36.25	19.46	611	13.89	7.16	7.93	1.77	2.58	.46	.48	.48	AMP
553	37.79	19.66	611	146.68	329.81	42.97	315.27	185.65	286.45	227.48	277.39	PHASE
554	39.17	28.87	61#	13.71	6.59	7.73	1.49	2.67	.48	.37	.39	AMP
555	27.59	13.88	612	148.85	329.39	28.83	298.86	81.89	268.81	284.53	248.66	PHASE
556	29.11	15.66	611	14.87	6.37	7.43	1.36	2.42	.59	.36	.43	AMP
557	32.36	17.45	61#	142.69	336.47	34.69	286.28	182.74	257.68	226.81	275.86	PHASE
558	34.38	18.42	608	14.25	6.14	6.96	1.37	2.45	.78	.38	.54	AMP
559	36.25	19.46	611	138.63	337.13	24.19	263.95	99.57	229.18	223.32	271.72	PHASE
560	37.79	19.66	611	14.31	6.39	6.66	1.42	2.48	.88	.31	.47	AMP
561	39.17	28.87	61#	135.68	339.44	16.52	245.67	95.13	213.66	217.86	246.34	PHASE
562	27.59	13.88	612	13.96	6.67	5.86	1.82	2.46	.86	.21	.48	AMP
563	29.11	15.66	611	132.33	338.83	8.67	229.58	97.33	196.59	171.88	257.57	PHASE
564	32.36	17.45	61#	9.97	5.19	5.86	1.43	2.11	.44	.18	.35	AMP
565	34.38	18.42	608	142.26	336.64	31.39	328.82	67.46	285.52	285.86	288.88	PHASE
566	36.25	19.46	611	18.79	5.51	5.88	1.58	1.86	.68	.28	.41	AMP
567	37.79	19.66	611	143.82	335.38	27.82	325.46	68.91	286.74	224.87	286.82	PHASE
568	39.17	28.87	61#	11.44	8.79	6.21	1.38	2.86	.54	.27	.28	AMP
569	27.59	13.88	612	143.29	374.82	23.56	312.55	52.42	275.41	287.63	198.82	PHASE
570	29.11	15.66	611	12.82	5.96	6.39	1.34	2.14	.45	.38	.28	AMP
571	32.36	17.45	61#	145.65	344.69	29.93	328.12	64.49	281.52	241.94	288.28	PHASE
572	34.38	18.42	608	12.94	6.31	6.58	1.41	2.31	.42	.32	.41	AMP
573	36.25	19.46	611	144.56	345.56	24.17	389.66	61.56	258.28	241.41	193.68	PHASE
574	37.79	19.66	611	13.59	6.81	6.54	1.38	2.29	.49	.27	.38	AMP
575	39.17	28.87	61#	142.34	346.51	17.76	297.85	56.87	224.87	246.82	168.83	PHASE
576	27.59	13.88	612	14.82	6.89	6.83	1.29	2.26	.64	.18	.42	AMP
577	32.36	17.45	61#	139.38	345.98	9.94	282.64	55.34	287.28	244.98	132.61	PHASE
				13.78	7.85	4.58	1.26	1.81	.69	.18	.49	AMP
				132.68	344.68	352.93	241.61	52.95	189.75	133.23	84.81	PHASE

TABLE VIII.- Continued

(c) Continued

CHORDWISE 37 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	31.95	31.00	610	10.27	4.93	3.01	4.40	.60	13.00	2.55	1.44
				262.84	111.98	276.87	48.55	274.10	239.93	37.58	147.19
520	30.27	30.41	610	13.86	7.04	5.94	4.76	1.80	4.91	6.17	1.71
				280.91	126.34	278.21	49.77	243.64	293.69	51.22	163.34
521	28.69	41.36	610	20.28	10.15	8.07	6.23	5.40	4.74	8.36	.73
				298.35	131.40	262.16	25.63	273.98	40.33	53.74	170.00
522	27.05	48.21	611	20.41	12.01	11.57	8.11	6.25	.97	7.52	1.02
				314.16	139.73	264.34	41.72	293.41	5.30	85.77	51.75
523	24.21	59.60	610	38.12	14.48	15.29	9.80	6.20	4.55	3.01	1.56
				325.16	137.93	256.20	37.33	291.71	321.98	36.85	3.57
524	20.90	69.18	600	48.04	15.50	18.76	10.70	7.21	10.77	7.32	2.96
				336.36	141.29	261.39	36.71	300.59	328.96	305.14	334.27
525	19.77	75.13	610	53.05	15.33	20.56	11.20	6.54	13.28	9.26	4.64
				336.66	141.19	260.39	30.65	323.02	345.68	310.03	335.21
526	31.01	28.84	610	13.12	5.22	4.14	4.37	1.14	9.48	3.44	1.02
				261.54	113.73	262.30	62.68	238.93	264.26	66.43	197.69
527	20.23	42.00	610	20.19	7.56	8.44	5.19	4.73	16.03	2.44	1.32
				282.00	132.98	287.23	72.98	277.34	286.30	46.60	163.30
528	25.17	44.42	610	25.52	10.82	8.86	6.30	7.34	9.14	4.78	1.34
				301.45	141.11	294.43	70.50	291.31	352.05	84.26	215.30
529	22.42	52.00	610	31.66	13.56	10.21	6.99	8.02	5.74	5.69	.64
				314.68	146.81	288.01	80.62	299.07	348.93	119.57	207.85
530	10.43	60.36	610	40.57	16.23	12.72	7.91	9.21	7.76	2.07	.65
				320.14	145.73	279.00	71.40	303.76	318.16	240.46	291.00
531	12.00	76.02	600	52.33	18.04	16.39	8.04	9.77	12.74	10.61	1.36
				349.52	154.87	295.10	59.28	348.59	339.00	315.24	59.04
532	13.92	70.53	600	52.23	17.00	17.29	7.90	8.00	12.35	7.26	1.57
				337.14	151.46	282.30	54.13	331.00	335.94	292.72	20.05
533	20.67	25.20	610	8.31	4.30	3.20	3.76	2.09	5.96	4.13	.97
				273.01	105.65	208.94	55.12	109.54	307.29	82.19	185.55
534	20.64	31.57	611	12.44	6.82	6.05	4.79	1.65	7.50	5.89	1.12
				290.50	114.41	265.06	19.05	35.71	36.51	40.55	195.13
535	20.32	36.69	610	10.31	8.94	8.31	7.65	1.03	3.76	5.75	.47
				309.92	125.02	249.63	17.84	346.30	85.36	60.59	160.10
536	26.00	51.60	610	27.10	11.37	12.82	9.85	4.39	8.88	3.65	1.10
				339.56	144.11	267.79	51.14	39.05	332.01	345.90	220.29
537	26.40	57.59	610	33.31	11.25	15.00	9.75	3.34	7.05	.40	1.45
				330.31	144.56	253.19	35.98	353.06	277.72	304.15	126.60
538	24.10	74.54	610	45.70	11.50	20.26	10.36	4.24	10.45	3.00	1.16
				341.97	154.50	264.02	40.83	355.03	318.23	314.11	195.26
539	22.04	80.95	610	57.54	10.97	24.15	10.94	6.34	11.36	7.42	1.20
				344.02	155.55	259.65	35.19	334.97	333.77	307.79	251.09
540	22.13	92.70	610	63.25	10.70	26.23	10.94	8.01	13.41	7.00	1.06
				344.30	161.39	254.74	21.45	323.32	336.55	300.04	242.02
541	22.40	102.65	610	72.79	13.16	30.14	10.19	7.29	11.29	7.51	1.50
				350.95	164.46	249.07	2.52	290.02	357.21	326.42	205.51
570	27.45	19.14	612	5.02	2.79	2.97	4.36	2.32	5.70	2.92	.92
				270.71	123.24	284.09	49.84	62.94	312.44	72.57	133.11
571	27.92	26.77	611	9.09	5.04	4.07	5.91	2.10	6.70	4.36	.03
				311.97	131.85	256.33	30.06	7.62	75.07	74.60	116.92
572	20.23	31.97	611	16.93	6.34	8.20	7.56	3.75	7.75	2.06	1.03
				331.85	140.07	242.03	31.74	10.21	31.00	102.00	121.00
573	20.22	43.70	610	23.49	6.72	11.23	8.74	3.25	2.69	.09	1.73
				340.27	156.14	250.17	44.89	24.17	312.21	162.03	144.32
574	27.54	63.62	600	35.44	7.26	15.44	10.06	2.37	7.22	2.75	1.00
				346.70	162.21	248.23	39.77	357.68	323.45	203.54	155.01
575	26.90	80.16	611	40.37	7.60	20.17	11.26	2.17	7.45	1.47	2.23
				346.47	172.78	244.73	31.70	301.26	307.02	200.62	141.61
576	25.35	90.76	611	61.53	7.45	23.03	11.71	2.62	7.50	2.72	1.93
				340.92	102.04	243.01	19.01	253.00	330.07	355.00	119.91
577	25.50	113.02	610	83.07	12.90	20.37	10.02	11.41	9.17	4.01	3.39
				357.65	190.02	237.01	352.27	242.99	10.33	60.79	53.27

TABLE VIII.- Continued

(c) Continued

TORSION 36 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	2.98	7.88	618	3.74	2.69	.13	1.76	1.85	.45	.43	.41 AMP
520	.99	7.63	618	382.89	189.31	23.54	287.23	343.59	62.66	288.26	88.22 PHASE
521	-.95	7.59	618	3.76	2.36	.21	1.57	1.86	.52	.58	.15 AMP
522	-3.11	7.88	611	318.18	114.89	14.47	288.67	358.93	127.58	287.37	92.58 PHASE
523	-5.76	8.74	618	3.99	2.88	.17	1.42	1.13	.61	.67	.88 AMP
524	-8.33	18.93	689	329.79	187.91	357.27	272.48	347.26	145.52	288.69	84.78 PHASE
525	-9.48	12.24	618	4.68	1.98	.87	1.55	1.81	.43	.87	.12 AMP
526	4.83	7.67	618	343.23	118.71	289.65	272.67	359.43	174.77	293.37	222.28 PHASE
527	1.69	7.37	618	5.84	2.81	.43	1.74	.96	.15	.85	.34 AMP
528	-.54	7.37	618	358.22	188.21	282.68	258.81	333.65	146.16	278.33	184.44 PHASE
529	-2.88	7.71	618	7.62	2.37	.79	2.84	1.15	.38	.98	.71 AMP
530	-5.55	9.78	618	356.21	97.33	218.94	258.77	311.81	298.81	287.18	173.27 PHASE
531	-8.98	14.24	689	8.37	2.52	.92	2.19	1.31	.41	.86	.99 AMP
532	-9.28	13.26	688	357.43	93.57	218.89	257.97	318.22	382.44	281.74	176.79 PHASE
533	2.12	6.15	618	4.83	2.97	.24	1.38	1.19	.46	.38	.57 AMP
534	.24	6.39	611	385.59	113.69	88.81	384.51	358.53	78.67	277.84	192.97 PHASE
535	-1.66	6.77	618	4.88	2.59	.18	1.25	.88	.27	.68	.38 AMP
536	-4.81	7.52	618	325.59	115.85	93.14	386.43	352.96	65.43	276.55	173.34 PHASE
537	-5.79	7.87	618	4.58	2.45	.25	1.84	.98	.19	.68	.36 AMP
538	-8.14	9.89	618	348.19	115.88	172.23	388.88	345.38	281.53	318.82	185.52 PHASE
539	-18.43	11.89	618	5.34	2.42	.54	1.12	.86	.32	.67	.49 AMP
540	-11.72	13.88	618	347.84	116.61	185.85	286.24	331.82	281.84	329.97	152.17 PHASE
541	-13.84	16.41	618	6.86	2.67	.84	1.35	1.89	.39	.61	.69 AMP
542	-.92	4.94	612	353.58	188.88	198.74	274.17	389.48	318.53	327.36	148.67 PHASE
543	-2.94	5.39	611	9.84	3.41	1.18	1.61	1.26	.35	.42	.98 AMP
544	-4.79	5.75	618	1.11	187.66	285.77	282.51	389.28	185.47	242.71	177.99 PHASE
545	-7.88	6.83	688	9.47	2.97	1.21	1.78	1.35	.23	.48	.98 AMP
546	-9.38	8.49	611	358.19	185.11	199.36	271.38	387.77	357.22	269.68	171.89 PHASE
547	-11.29	18.78	611	3.34	2.15	.25	1.22	.97	.62	.26	.32 AMP
548	-14.54	15.84	618	299.75	183.32	1.78	287.45	354.98	97.17	296.92	96.67 PHASE
549				3.25	1.87	.89	1.19	.96	.48	.48	.31 AMP
550				314.63	99.58	355.87	268.54	341.66	117.64	298.48	98.84 PHASE
551				3.54	1.62	.14	1.18	1.16	.56	.51	.34 AMP
552				329.85	188.74	218.68	255.12	348.34	128.67	276.85	88.11 PHASE
553				4.29	1.73	.29	1.41	.99	.56	.83	.27 AMP
554				358.88	188.69	258.28	276.46	16.65	148.48	382.16	139.28 PHASE
555				4.98	1.34	.48	1.48	1.18	.57	.71	.29 AMP
556				353.82	189.41	215.93	258.28	2.25	119.92	265.44	82.62 PHASE
557				6.48	1.66	.92	1.47	1.16	.62	.75	.47 AMP
558				4.98	113.87	222.93	271.85	25.85	148.74	285.74	111.64 PHASE
559				8.25	2.15	1.39	1.46	1.38	.28	.76	.68 AMP
560				8.86	187.28	216.85	263.88	14.88	128.74	288.33	99.94 PHASE
561				9.41	2.35	1.44	1.33	1.45	.87	.88	.54 AMP
562				6.99	97.25	218.47	257.76	.53	34.85	282.51	79.93 PHASE
563				11.95	2.98	1.75	1.34	1.59	.48	1.16	.41 AMP
564				3.78	81.99	214.53	264.43	353.89	254.12	262.29	186.32 PHASE
565				2.94	1.58	.25	.98	.79	.48	.25	.22 AMP
566				388.88	93.86	338.87	273.11	323.78	95.97	272.42	54.33 PHASE
567				2.91	1.22	.89	.94	.98	.49	.22	.19 AMP
568				328.93	97.93	288.92	268.92	334.29	128.43	261.26	56.73 PHASE
569				3.22	1.87	.16	1.89	.95	.46	.33	.19 AMP
570				336.85	181.96	238.61	255.83	331.58	185.98	268.93	48.16 PHASE
571				3.74	.84	.27	1.13	.95	.48	.41	.14 AMP
572				351.28	116.88	248.98	265.28	345.25	125.81	268.98	57.88 PHASE
573				4.71	.81	.45	1.21	.96	.58	.58	.17 AMP
574				1.18	122.57	224.37	259.75	344.15	132.64	254.48	42.23 PHASE
575				5.89	.84	.88	1.22	.93	.64	.69	.18 AMP
576				6.62	123.36	211.26	258.93	344.64	126.86	235.77	353.69 PHASE
577				7.43	1.15	1.26	1.18	1.22	.63	.78	.28 AMP
578				9.11	114.35	286.81	246.31	358.33	115.97	227.59	299.74 PHASE
579				11.38	1.86	1.58	1.72	1.14	.48	1.13	.58 AMP
580				5.56	72.15	221.96	269.55	346.87	282.94	238.41	248.33 PHASE

TABLE VIII.- Continued

(c) Continued

FLAPWISE 51 PERCENT RADIUS												
PT NO	RUN NO		RPM	18								
	MEAN	1/2 P-P		1P	2P	3P	4P	5P	6P	7P	8P	
519	6.68	32.79	610	17.20	13.60	8.66	1.57	2.32	1.62	1.93	2.01	AMP
				134.82	314.81	48.29	327.69	250.59	121.29	36.36	244.23	PHASE
520	8.73	32.42	610	18.27	13.21	8.61	1.50	2.19	1.54	2.02	2.00	AMP
				137.47	316.66	47.15	339.54	260.53	122.26	50.79	260.90	PHASE
521	10.66	32.10	610	19.23	12.62	8.00	1.61	1.99	1.67	2.19	1.72	AMP
				135.24	312.14	36.86	337.59	240.67	97.73	36.03	266.43	PHASE
522	12.64	31.39	611	20.02	11.74	9.42	1.53	1.81	1.66	2.03	1.03	AMP
				130.90	314.14	37.95	342.02	257.22	111.20	56.99	310.02	PHASE
523	14.72	31.10	610	20.96	11.00	9.00	1.40	1.51	1.60	1.03	1.64	AMP
				136.22	306.03	25.20	329.65	236.01	04.30	41.53	341.27	PHASE
524	16.22	31.45	609	21.95	11.10	9.84	1.25	1.16	1.62	1.03	3.11	AMP
				136.96	307.34	23.32	333.77	233.79	72.15	36.24	344.75	PHASE
525	17.20	30.96	610	22.11	10.71	9.91	1.19	.97	1.60	1.95	3.00	AMP
				136.37	306.30	20.70	335.51	230.55	67.69	39.15	349.79	PHASE
526	5.07	32.67	610	19.18	14.33	7.98	1.07	2.10	1.91	1.00	.91	AMP
				134.75	318.67	61.15	345.11	251.20	130.11	72.46	329.17	PHASE
527	7.05	33.70	610	20.34	13.73	7.92	.95	1.59	1.73	2.33	1.73	AMP
				130.09	310.15	60.07	350.39	247.42	132.06	70.61	336.35	PHASE
528	8.92	34.31	610	21.37	13.07	8.03	1.07	1.40	1.71	2.19	1.60	AMP
				140.90	310.72	61.16	4.71	243.67	130.40	93.44	355.46	PHASE
529	10.67	34.01	610	22.07	12.73	8.30	1.19	1.43	1.70	1.95	1.79	AMP
				141.29	317.43	55.49	2.90	243.12	124.34	92.84	357.26	PHASE
530	12.60	35.20	610	23.12	12.50	8.64	1.04	1.40	1.55	1.80	2.43	AMP
				139.56	312.11	45.02	350.04	222.03	105.32	74.66	341.22	PHASE
531	14.17	36.34	609	23.90	12.71	8.73	.72	1.57	1.25	1.55	2.34	AMP
				143.32	317.03	45.36	14.23	222.94	96.03	77.43	357.33	PHASE
532	15.01	34.85	606	23.65	12.72	8.99	1.04	1.21	1.16	1.62	2.75	AMP
				140.47	315.49	30.26	2.23	233.45	03.51	64.42	350.20	PHASE
533	9.67	26.89	610	15.91	10.34	7.63	1.60	1.03	.00	1.33	1.96	AMP
				134.29	319.52	41.67	319.01	264.37	142.70	45.70	261.00	PHASE
534	11.40	28.22	611	16.85	10.56	8.45	1.60	1.70	.07	1.26	1.79	AMP
				133.23	312.15	20.94	315.10	245.61	106.26	20.75	246.56	PHASE
535	13.16	28.73	610	17.90	10.71	9.04	1.70	2.03	1.04	1.29	1.90	AMP
				133.95	311.09	22.50	309.20	241.00	93.40	22.54	242.60	PHASE
536	14.06	30.37	610	18.99	11.01	9.61	1.59	1.91	1.16	1.35	1.49	AMP
				141.09	319.19	30.76	320.19	264.15	115.93	63.04	297.07	PHASE
537	17.16	29.69	610	19.73	10.23	9.97	1.63	1.03	.90	1.27	1.59	AMP
				137.00	314.54	23.20	311.25	251.60	97.20	31.23	254.54	PHASE
538	19.17	30.01	610	20.49	9.77	9.09	1.41	1.63	.02	1.36	1.73	AMP
				140.31	317.50	29.79	320.93	270.79	103.23	46.07	206.60	PHASE
539	21.02	29.50	610	21.06	9.34	9.63	1.36	1.58	.79	1.47	1.90	AMP
				130.13	313.45	20.44	300.53	266.63	03.72	20.60	204.05	PHASE
540	21.97	20.92	610	21.14	9.36	9.30	1.30	1.60	.73	1.49	1.55	AMP
				136.39	312.01	13.65	293.60	262.64	73.40	6.14	264.02	PHASE
541	22.97	29.62	610	21.16	9.56	8.77	1.17	1.01	.07	2.03	1.92	AMP
				135.06	309.90	8.46	202.19	262.73	56.23	3.06	270.29	PHASE
540	12.48	21.10	612	14.52	7.65	5.91	1.17	1.54	.54	.04	.07	AMP
				135.14	323.06	25.51	304.30	250.29	132.25	24.10	205.54	PHASE
571	13.93	22.66	611	15.44	8.01	7.04	1.15	1.61	.00	1.02	1.02	AMP
				137.03	322.00	21.85	306.00	246.67	112.35	21.25	211.99	PHASE
572	15.73	23.72	611	16.41	8.20	7.97	1.13	1.65	.56	.60	.02	AMP
				137.17	321.17	17.00	294.33	240.92	102.53	13.26	200.61	PHASE
573	17.52	24.24	610	17.20	8.37	8.00	1.00	1.63	.57	.62	.60	AMP
				140.05	323.69	24.95	299.00	255.24	119.10	30.99	229.04	PHASE
574	19.69	26.54	600	18.42	8.69	9.01	1.05	1.50	.56	.60	.91	AMP
				141.25	325.94	20.44	289.92	254.70	98.77	4.90	213.22	PHASE
575	22.01	27.69	611	19.46	8.73	9.46	.90	1.53	.49	.61	.03	AMP
				140.09	324.69	15.00	202.56	254.04	00.15	344.01	176.06	PHASE
576	23.06	28.43	611	20.36	8.69	9.30	.75	1.54	.54	.73	.05	AMP
				139.69	321.54	9.01	276.59	252.66	67.50	320.29	132.92	PHASE
577	25.55	20.24	610	20.50	9.41	7.71	.79	1.37	.07	.01	.01	AMP
				136.06	315.93	356.36	236.65	244.62	53.74	6.95	74.16	PHASE

TABLE VIII.- Continued

(c) Continued

CHORDWISE 51 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	18.78	34.62	618	18.87	5.67	2.76	4.45	1.14	14.46	2.89	1.82
				274.63	119.81	281.14	58.82	275.42	242.94	41.67	168.55
520	9.71	33.47	618	14.34	7.57	5.14	5.86	2.27	5.72	6.93	1.67
				286.79	138.23	287.37	59.68	248.64	296.18	53.81	168.57
521	8.75	39.91	618	19.65	9.92	7.17	6.42	5.48	5.84	9.75	.72
				298.32	132.34	272.25	35.62	271.83	36.88	56.82	178.99
522	7.33	44.86	611	25.89	11.78	9.11	8.55	6.18	1.42	8.94	1.71
				318.81	138.18	274.13	49.88	298.13	354.17	98.36	62.31
523	4.83	55.14	618	33.68	13.84	12.12	18.37	6.87	5.48	3.57	2.33
				319.27	132.98	265.31	41.17	291.11	323.57	53.17	22.64
524	1.63	63.71	689	41.91	14.85	15.48	11.57	7.35	12.44	7.48	3.84
				328.93	134.17	269.67	37.53	312.49	332.24	389.28	358.48
525	.16	69.58	618	46.82	14.85	17.22	12.31	6.89	14.99	9.32	5.81
				329.78	132.99	268.81	31.85	328.46	348.98	324.31	346.24
526	11.23	29.32	618	13.22	5.87	3.56	4.16	1.38	18.56	4.87	.56
				272.86	128.67	265.88	78.13	253.47	265.98	68.81	196.69
527	9.55	43.98	618	19.29	7.93	6.82	5.32	4.76	17.61	3.83	.99
				285.85	132.92	289.98	78.67	278.84	288.48	56.94	124.15
528	7.46	42.64	618	24.87	18.62	7.81	6.42	6.99	18.33	6.81	1.81
				381.38	139.84	388.85	82.13	298.66	354.28	87.96	212.28
529	5.18	51.24	618	28.94	12.71	7.88	7.35	8.48	6.96	7.32	.43
				312.86	142.88	295.67	82.67	299.84	353.79	122.17	171.51
530	1.58	56.87	618	36.31	15.27	18.84	8.32	8.86	9.89	2.11	1.88
				322.83	138.72	286.35	71.59	386.37	325.68	218.25	348.33
531	-3.62	67.63	689	46.28	17.33	14.89	9.29	9.89	14.56	11.88	2.98
				341.82	144.79	388.84	58.85	387.15	346.38	319.31	64.48
532	-3.22	67.37	688	46.93	16.12	14.58	9.88	8.95	14.36	7.84	2.72
				331.58	141.41	288.34	51.89	339.81	342.64	294.74	36.83
533	7.82	27.95	618	9.12	4.53	2.89	4.86	2.48	6.94	4.95	.88
				284.44	116.58	293.76	59.85	118.46	389.43	86.92	233.89
534	7.48	33.82	611	13.82	6.84	5.24	5.18	.92	8.28	6.78	1.88
				293.72	128.61	276.58	31.79	28.69	35.42	51.81	218.25
535	7.45	36.74	618	17.79	8.56	6.81	7.93	.88	3.68	6.61	.27
				386.54	127.46	261.24	25.96	292.26	83.78	63.24	255.84
536	6.58	47.69	618	24.88	18.39	18.27	18.88	3.57	18.87	4.89	.97
				338.16	142.86	278.74	56.84	34.85	333.19	344.61	225.59
537	5.98	55.32	618	29.48	18.15	12.65	18.43	2.87	8.18	.41	1.79
				323.34	148.69	263.91	48.84	345.84	281.83	289.57	118.36
538	3.48	63.64	618	38.87	18.31	16.57	11.13	3.98	11.86	4.38	1.88
				334.18	147.62	274.27	58.97	348.38	328.67	316.41	187.28
539	1.28	73.22	618	48.12	18.11	28.21	12.88	6.11	12.67	8.58	1.71
				335.97	144.97	267.41	35.22	334.82	335.78	311.21	249.49
540	.75	75.88	618	52.11	18.32	22.46	12.11	7.98	14.97	9.81	1.17
				337.81	149.26	268.97	28.28	322.83	338.35	384.88	231.28
541	1.87	85.88	618	57.65	14.43	27.87	11.82	7.61	12.74	8.75	2.85
				344.48	153.66	254.16	1.44	287.85	356.97	331.94	282.56
578	5.62	21.38	612	6.28	3.86	2.58	4.61	2.83	6.47	3.55	.74
				292.78	135.53	291.89	51.22	63.89	314.17	78.42	147.93
571	4.93	29.87	611	18.61	4.98	4.18	6.18	1.81	7.86	5.81	.74
				318.68	137.42	268.86	36.36	1.35	74.39	77.42	119.42
572	4.32	32.16	611	15.86	6.88	6.55	7.92	3.26	1.88	2.37	2.87
				324.78	142.45	254.42	35.19	7.42	4.53	114.62	122.12
573	3.97	48.52	618	28.96	6.34	8.83	9.28	2.84	3.43	1.34	2.86
				332.33	154.88	261.87	47.66	21.89	313.77	185.55	143.48
574	3.88	55.41	688	29.83	6.66	12.18	18.88	2.14	8.17	3.58	2.27
				338.23	157.12	259.27	42.88	352.84	323.49	288.39	156.61
575	1.78	67.96	611	38.73	6.59	16.85	12.35	1.98	8.45	2.86	2.87
				338.67	163.77	254.97	33.58	388.29	387.93	281.17	139.43
576	.11	75.98	611	49.51	6.84	19.36	13.89	2.35	8.25	3.88	2.36
				348.87	169.64	252.83	28.68	251.83	337.47	358.24	114.94
577	.32	92.79	618	63.55	12.82	25.18	11.43	11.74	9.64	5.56	4.48
				351.56	173.98	242.47	352.68	242.96	15.49	66.98	58.92

TABLE VIII.- Continued

(c) Continued

TORSION 5# PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	3.63	7.24	61#	3.39	2.86	.22	1.69	1.16	.55	.48	.48 AMP
				386.54	121.6#	26.84	313.39	16.71	1#9.87	347.35	16# .8# PHASE
52#	1.67	7.72	61#	3.37	2.51	.31	1.5#	1.12	.58	.63	.16 AMP
				322.99	127.93	18.33	317.28	25.13	158.42	339.81	192.34 PHASE
521	-1.18	7.57	61#	3.52	2.16	.32	1.3#	1.13	.64	.78	.#6 AMP
				335.18	123.17	4.2#	3#4.85	19.4#	174.11	33# .15	217.99 PHASE
522	-2.2#	7.53	611	3.96	1.85	.17	1.34	1.#3	.47	.92	.17 AMP
				349.69	129.14	11.28	3#3.27	28.76	2#8.66	34# .42	3#3.73 PHASE
523	-4.56	7.74	61#	4.86	1.69	.12	1.51	1.82	.19	.92	.26 AMP
				357.39	118.61	21# .89	283.5#	2.18	164.99	325.27	26# .1# PHASE
524	-6.85	9.45	6#9	6.34	1.81	.48	1.97	1.31	.28	1.81	.63 AMP
				3.89	1#8.47	2#6.71	2#2.18	347.89	336.53	332.35	236.64 PHASE
525	-7.91	1# .53	61#	7.82	1.89	.63	2.14	1.47	.4#	.93	.88 AMP
				4.26	1#4.34	2#2.47	279.33	343.38	346.79	331.56	236.3# PHASE
526	4.7#	7.88	61#	3.65	3.19	.19	1.28	1.22	.6#	.19	.4# AMP
				3#8.4#	125.61	76.44	33# .#3	31.92	127.39	356.48	249.41 PHASE
527	2.48	7.13	61#	3.5#	2.75	.18	1.18	.9#	.33	.47	.34 AMP
				328.46	127.69	19.22	334.84	27.85	118.83	333.94	24# .39 PHASE
528	.38	7.1#	61#	3.74	2.41	.#3	.91	.84	.23	.59	.27 AMP
				343.55	13# .4#	356.24	331.25	19.69	2#3.83	4.96	251.26 PHASE
529	-1.67	6.64	61#	4.31	2.2#	.2#	.97	.84	.17	.73	.37 AMP
				352.87	131.94	197.54	314.2#	6.41	299.29	21.42	193.19 PHASE
53#	-4.12	8.2#	61#	5.43	2.16	.54	1.24	1.8#	.2#	.69	.6# AMP
				358.6#	121.82	194.24	297.44	344.94	1.21	19.77	189.58 PHASE
531	-7.13	12.5#	6#9	7.81	2.67	1.87	1.64	1.11	.31	.28	.91 AMP
				5.4#	111.4#	197.65	3#4.77	345.39	135.66	266.31	234.77 PHASE
532	-7.53	11.82	6#8	7.67	2.2#	1.81	1.74	1.2#	.25	.32	.85 AMP
				2.85	111.27	197.83	294.81	346.63	36.85	327.25	226.74 PHASE
533	2.84	6.24	61#	2.99	2.42	.37	1.19	1.87	.66	.28	.36 AMP
				3#5.28	114.94	22.23	318.83	28.84	133.44	358.76	163.65 PHASE
534	.94	6.48	611	2.89	2.11	.25	1.12	.87	.62	.49	.4# AMP
				321.4#	112.34	5.71	292.26	12.48	149.41	349.28	163.63 PHASE
535	-.9#	6.74	61#	3.13	1.81	.87	1.87	1.15	.63	.59	.38 AMP
				338.38	116.88	337.1#	287.36	15.92	151.49	327.44	148.8# PHASE
536	-3.14	7.22	61#	3.73	1.72	.17	1.22	.99	.64	.79	.28 AMP
				4.4#	128.32	3#6.1#	3#3.1#	44.11	173.8#	347.89	2#7.4# PHASE
537	-4.79	7.43	61#	4.33	1.39	.24	1.15	1.18	.65	.71	.28 AMP
				3.98	128.96	229.89	285.32	29.15	158.8#	312.83	145.99 PHASE
538	-6.93	8.8#	61#	5.53	1.46	.57	1.24	1.25	.76	.76	.45 AMP
				14.9#	132.58	223.67	292.49	5# .81	166.86	332.88	165.81 PHASE
539	-9.8#	1# .33	61#	7.1#	1.76	1.8#	1.38	1.52	.52	.83	.63 AMP
				16.76	121.25	288.5#	288.19	37.84	143.14	336.78	152.65 PHASE
54#	-1# .2#	11.5#	61#	8.22	1.9#	1.84	1.29	1.71	.38	.96	.65 AMP
				15.15	1#9.34	194.9#	271.66	25.44	118.63	33# .51	129.42 PHASE
541	-12.17	14.4#	61#	1# .44	2.3#	1.84	1.29	1.88	.15	1.42	.47 AMP
				1# .5#	87.45	196.82	275.76	18.1#	284.94	312.17	158.62 PHASE
57#	1.87	5.8#	612	2.54	1.68	.27	.88	.84	.42	.28	.3# AMP
				3#7.41	1#3.31	14.32	3#3.61	.8#	128.91	323.55	117.11 PHASE
571	.89	5.24	611	2.53	1.37	.87	.87	.96	.51	.25	.28 AMP
				33# .1#	1#9.74	35# .63	293.84	4.21	154.89	316.72	126.56 PHASE
572	-1.8#	5.89	611	2.85	1.17	.86	.96	.97	.47	.35	.23 AMP
				347.71	117.89	241.96	283.56	.33	139.92	3#4.79	114.73 PHASE
573	-3.56	5.62	61#	3.38	.95	.17	.98	.99	.49	.4#	.17 AMP
				3.84	133.91	232.83	291.8#	14.89	158.66	311.8#	124.89 PHASE
574	-5.7#	6.63	6#8	4.34	.9#	.33	1.83	1.83	.68	.68	.22 AMP
				12.58	144.39	217.41	285.96	13.47	16.75	295.95	1#1.57 PHASE
575	-7.89	8.42	611	5.54	.97	.65	1.86	1.86	.71	.77	.25 AMP
				17.5#	148.35	21# .42	278.18	15.89	158.87	276.29	42.38 PHASE
576	-9.75	1# .3#	611	6.91	1.17	.97	1.83	1.32	.74	.91	.34 AMP
				19.77	144.35	287.89	271.78	17.98	146.74	2#7.54	357.92 PHASE
577	-12.85	13.52	61#	1# .41	1.33	.71	.46	1.2#	.39	1.33	.65 AMP
				13.75	89.78	222.82	3#5.53	14.41	22# .34	28# .67	3#3.49 PHASE

TABLE VIII.- Continued

(c) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	-8.57	34.85	61#	28.83	12.68	4.35	6.47	4.64	1.71	2.65	3.74	AMP
				129.34	315.57	357.77	155.18	263.39	297.24	219.84	67.35	PHASE
520	-5.66	34.88	61#	21.29	12.42	4.53	5.83	4.88	1.38	2.78	2.71	AMP
				134.83	318.47	1.15	162.73	276.52	385.88	232.98	96.87	PHASE
521	-2.87	34.84	61#	21.98	12.1#	4.47	5.28	4.63	1.1#	2.95	2.46	AMP
				136.84	313.39	352.43	156.2#	266.79	273.83	215.42	96.16	PHASE
522	.23	34.86	611	22.76	11.63	4.47	4.47	4.57	1.19	2.7#	1.87	AMP
				148.66	316.98	359.84	159.4#	272.38	277.88	231.72	148.44	PHASE
523	3.82	36.31	61#	23.72	11.21	4.97	3.57	4.85	1.3#	2.3#	2.8#	AMP
				148.3#	389.92	353.14	143.85	253.28	278.93	217.64	156.95	PHASE
524	6.93	38.96	6#9	25.27	11.84	4.18	3.25	3.57	1.36	2.15	4.93	AMP
				142.88	311.65	365.48	139.56	253.26	279.32	214.33	159.24	PHASE
525	8.44	39.35	61#	25.61	1#79	4.86	3.8#	3.48	1.4#	2.22	5.95	AMP
				143.17	318.97	358.69	134.6#	258.92	284.34	213.69	163.24	PHASE
526	-11.34	35.41	61#	21.29	14.4#	4.32	5.12	4.84	1.16	2.24	1.47	AMP
				138.81	316.8#	7.39	172.83	265.79	338.18	258.83	149.4#	PHASE
527	-8.15	36.82	61#	21.56	14.17	4.84	4.29	4.87	.86	2.58	2.7#	AMP
				135.61	315.59	17.45	188.94	258.49	315.82	254.99	154.3#	PHASE
528	-4.91	36.83	61#	22.11	13.57	4.83	3.67	3.82	.33	2.57	2.57	AMP
				148.32	317.84	28.49	185.68	255.79	312.86	269.73	172.31	PHASE
529	-1.71	36.92	61#	23.8#	13.83	4.1#	3.32	3.32	.39	1.92	2.82	AMP
				142.36	317.11	29.99	181.85	247.77	382.14	272.49	173.84	PHASE
530	1.82	39.86	61#	24.18	12.8#	3.98	2.66	3.22	.53	1.6#	3.76	AMP
				142.98	311.5#	23.98	172.34	224.34	383.78	268.36	155.62	PHASE
531	5.48	48.24	6#9	25.83	12.25	3.36	1.72	2.67	.73	3.92	3.92	AMP
				148.34	316.56	23.57	168.84	199.38	69.24	226.59	171.81	PHASE
532	6.49	39.87	6#8	25.17	11.83	3.49	2.85	1.81	.77	1.16	4.24	AMP
				145.63	315.97	21.82	149.32	242.61	3.91	237.48	167.48	PHASE
533	-5.72	29.17	61#	19.14	1#69	3.78	4.4#	5.19	.75	1.44	3.8#	AMP
				138.37	328.7#	352.66	168.87	275.18	281.91	212.85	79.12	PHASE
534	-3.2#	31.48	611	19.82	18.8#	4.54	4.43	4.86	.54	1.41	2.68	AMP
				131.66	314.77	344.57	142.69	265.18	252.55	196.2#	64.1#	PHASE
535	-.46	32.9#	61#	28.88	11.82	5.24	4.24	4.81	.73	1.49	2.79	AMP
				134.42	314.46	348.35	138.8#	268.58	225.27	184.48	61.35	PHASE
536	2.68	34.27	61#	21.5#	11.6#	5.2#	3.77	4.75	.8#	1.56	2.39	AMP
				143.79	322.88	.8#	151.58	283.82	293.36	223.66	118.6#	PHASE
537	5.72	34.46	61#	22.86	11.25	5.61	2.99	4.83	.26	1.36	2.31	AMP
				141.86	318.35	348.51	133.63	262.34	292.29	187.27	75.56	PHASE
538	8.93	35.9#	61#	23.15	11.44	5.36	2.25	4.84	.46	1.39	2.54	AMP
				147.62	322.22	365.7#	127.97	283.84	7.73	288.56	188.71	PHASE
539	11.96	37.6#	61#	24.37	11.55	5.83	1.93	5.26	.8#	1.43	2.81	AMP
				147.79	318.98	345.86	181.16	279.86	12.86	172.81	185.78	PHASE
540	13.45	37.68	61#	24.92	11.91	4.98	1.82	5.49	1.86	1.43	2.31	AMP
				147.14	317.48	337.96	77.69	274.34	7.2#	157.87	88.79	PHASE
541	14.98	38.73	61#	25.46	12.49	4.6#	2.29	5.41	.97	2.84	2.8#	AMP
				147.28	315.32	329.91	52.87	277.13	12.27	163.82	96.77	PHASE
54#	-2.86	25.34	612	17.65	8.25	3.51	2.88	3.98	.15	.87	1.27	AMP
				131.16	322.78	337.17	155.34	244.47	73.2#	187.74	28.58	PHASE
571	-.38	26.82	611	18.2#	8.52	4.31	3.81	3.8#	.36	.87	1.45	AMP
				135.22	323.32	341.74	147.32	246.31	126.12	183.96	33.5#	PHASE
572	2.42	28.19	611	18.89	9.82	4.89	2.88	3.99	.25	.69	1.19	AMP
				137.6#	321.74	342.81	136.81	231.15	115.1#	168.7#	38.87	PHASE
573	5.25	29.65	61#	19.5#	9.26	5.22	2.69	4.85	.2#	.65	.97	AMP
				143.47	329.26	352.88	145.35	241.7#	181.12	183.81	49.41	PHASE
574	8.74	31.6#	6#8	28.67	9.88	5.66	2.49	4.28	.36	.74	1.26	AMP
				146.88	327.14	351.17	133.53	248.34	49.78	155.94	34.84	PHASE
575	12.22	33.44	611	21.97	1#4#	6.88	2.22	4.28	.55	.83	1.85	AMP
				147.44	324.36	348.77	118.23	236.15	34.61	148.83	355.91	PHASE
576	15.83	35.51	611	23.36	18.95	5.88	2.86	4.4#	.74	.94	1.83	AMP
				148.24	321.2#	344.72	98.63	236.93	16.66	138.54	386.99	PHASE
577	17.98	37.66	61#	24.88	12.44	4.58	3.62	3.81	.78	.69	1.14	AMP
				149.85	314.45	338.53	59.26	234.32	3.69	183.58	248.82	PHASE

TABLE VIII.- Continued

(c) Continued

CHORDWISE 77 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	-9.25	22.09	61#	5.75	4.85	2.78	2.7#	2.66	6.44	.41	1.86	AMP
				152.8#	318.18	2.81	1.7.93	266.37	241.62	19.42	78.37	PHASE
520	-8.82	19.78	61#	5.82	3.39	3.27	3.87	2.88			2.15	AMP
				164.45	317.88	354.29	11# 1#	259.27	294.92	44.14	116.59	PHASE
521	-7.82	16.82	61#	3.73	2.64	3.48	2.55	4.25	2.24	3.49	1.89	AMP
				179.17	313.58	337.81	76.8#	258.85	19.38	54.18	186.4#	PHASE
522	-6.48	18.87	61#	2.57	1.93	4.88	3.63	4.39	.9#	3.46	1.41	AMP
				216.41	321.96	339.56	72.47	273.86	335.89	92.47	97.28	PHASE
523	-4.82	28.68	61#	*2.82	1.56	4.82	4.54	3.87	2.75	1.27	1.4#	AMP
				273.59	325.18	325.83	55.52	266.84	315.59	61.6#	88.59	PHASE
524	-3.84	27.89	6#9	4.73	1.68	5.72	5.87	3.69	5.97	2.75	1.17	AMP
				386.8#	339.27	319.14	49.31	286.46	327.31	388.26	85.85	PHASE
525	-3.28	31.93	61#	5.92	1.63	6.14	5.36	3.36	7.1#	3.38	.75	AMP
				389.85	345.63	313.58	41.3#	388.47	343.88	318.29	69.18	PHASE
526	-9.89	19.63	61#	6.2#	4.79	2.12	2.19	2.82	4.57	1.85	.61	AMP
				157.2#	318.11	3.63	128.77	256.66	262.63	59.17	149.82	PHASE
527	-9.76	24.37	61#	5.19	3.96	2.8#	2.41	3.61	7.47	.7#	1.31	AMP
				176.6#	314.71	354.67	117.19	261.29	282.45	45.84	127.15	PHASE
528	-8.62	18.92	61#	3.92	2.92	3.24	2.77	4.85	4.34	2.28	1.32	AMP
				195.54	315.68	5.91	186.14	268.32	358.1#	86.8#	166.42	PHASE
529	-7.13	19.18	61#	2.83	2.28	3.58	3.38	4.15	2.95	3.25	1.44	AMP
				223.81	315.84	4.22	97.85	274.35	353.39	119.3#	152.48	PHASE
530	-6.83	22.76	61#	2.82	1.55	4.85	3.83	3.57	3.91	1.82	1.34	AMP
				277.61	323.49	352.6#	82.59	276.68	326.22	189.62	122.51	PHASE
531	-5.69	38.77	6#9	5.56	1.64	5.1#	3.92	2.57	6.35	4.17	2.45	AMP
				338.13	11.83	351.11	78.5#	342.96	349.75	316.28	186.82	PHASE
532	-4.98	29.69	6#8	5.2#	1.96	5.83	4.11	3.32	6.67	2.33	1.8#	AMP
				313.87	358.66	341.1#	64.18	328.86	344.82	287.82	182.67	PHASE
533	-9.11	17.84	61#	5.2#	3.49	2.73	1.92	1.65	3.32	1.98	.65	AMP
				147.86	324.27	354.53	189.22	254.96	388.49	98.97	77.46	PHASE
534	-18.86	16.54	61#	4.15	2.83	3.42	2.15	2.89	3.36	2.58	.48	AMP
				155.88	328.39	336.5#	73.32	261.44	24.24	58.79	79.62	PHASE
535	-9.32	15.46	61#	2.77	2.42	3.89	3.84	2.69	1.25	2.68	1.81	AMP
				168.43	321.57	327.77	58.54	251.37	71.47	65.61	44.17	PHASE
536	-7.75	18.17	61#	.8#	2.28	4.81	4.15	2.14	4.7#	1.6#	.98	AMP
				215.43	338.89	338.45	71.7#	383.7#	327.82	326.31	131.8#	PHASE
537	-5.91	18.93	61#	2.18	2.17	5.27	4.45	2.73	3.65	.25	1.79	AMP
				278.47	328.6#	328.46	58.33	276.32	279.86	192.92	86.67	PHASE
538	-5.82	28.98	61#	4.72	2.49	6.29	4.95	3.21	5.4#	1.65	1.58	AMP
				311.95	335.67	321.62	57.84	298.42	318.8#	387.89	127.22	PHASE
539	-3.95	27.87	61#	7.45	2.85	7.23	5.37	4.19	6.87	3.37	1.1#	AMP
				318.57	335.66	387.29	38.66	298.41	333.81	388.24	123.72	PHASE
540	-2.52	38.28	61#	7.84	2.35	7.92	5.21	5.41	7.33	3.52	.96	AMP
				319.92	328.53	292.84	18.86	294.14	334.8#	381.72	122.86	PHASE
541	-6.41	28.84	61#	7.19	1.18	9.27	4.68	6.23	6.33	3.55	.32	AMP
				338.81	215.72	268.37	358.68	277.83	348.91	329.82	133.58	PHASE
570	-8.68	14.91	612	5.81	2.67	2.49	1.75	1.2#	2.8#	1.55	.38	AMP
				141.44	328.1#	348.3#	82.15	242.92	389.85	83.35	63.42	PHASE
571	-9.53	13.11	61#	3.67	2.27	2.92	2.3#	1.72	2.95	2.15	.69	AMP
				148.25	324.42	334.78	58.76	258.63	66.77	79.82	52.95	PHASE
572	-9.36	12.19	61#	2.81	2.18	3.39	3.13	1.49	5.8#	1.21	1.87	AMP
				149.85	325.89	324.11	51.72	262.64	348.83	117.16	86.18	PHASE
573	-8.16	13.31	61#	.51	2.25	3.92	3.66	1.53	1.61	1.8#	1.85	AMP
				191.17	333.12	328.88	59.62	278.18	389.36	178.16	111.48	PHASE
574	-6.38	16.8#	6#8	2.24	2.65	4.8#	4.44	2.88	3.72	1.49	.97	AMP
				321.79	333.77	316.82	58.36	268.97	319.82	266.84	117.68	PHASE
575	-4.88	21.86	61#	5.29	3.21	5.83	5.26	2.64	3.79	.73	1.15	AMP
				321.93	329.32	386.6#	39.89	249.92	385.87	262.45	112.21	PHASE
576	-3.78	23.84	61#	8.81	3.87	6.79	5.64	3.88	3.83	1.24	.84	AMP
				324.64	323.87	298.88	25.75	238.8#	331.15	347.98	88.33	PHASE
577	-.84	25.18	61#	8.18	2.65	9.11	4.47	6.76	4.14	2.15	1.47	AMP
				358.85	239.78	257.56	339.63	238.99	6.23	67.86	39.24	PHASE

TABLE VIII.- Continued

(c) Continued

TORSION 75 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	1.88	7.27	618	3.32	2.78	.16	1.29	1.87	.51	.76	.47	AMP
520	-1.74	6.68	618	288.28	112.43	268.29	327.99	349.98	148.39	48.84	258.65	PHASE
521	-2.39	6.62	618	3.83	2.49	.24	1.23	.99	.58	.65	.49	AMP
522	-4.12	6.16	611	384.63	121.65	299.77	334.72	359.34	163.18	34.12	382.88	PHASE
523	-6.84	6.35	618	2.87	2.22	.26	1.14	.89	.52	.73	.48	AMP
524	-7.78	7.33	689	318.45	128.82	294.72	329.86	349.31	165.47	9.89	299.67	PHASE
525	-8.47	7.33	618	2.98	1.95	.28	1.85	.84	.48	.75	.58	AMP
526	1.79	7.53	618	337.12	133.24	289.18	326.32	355.55	171.34	17.97	335.78	PHASE
527	-2.25	7.88	618	3.38	1.71	.28	.97	.79	.23	.75	.67	AMP
528	-2.13	6.88	618	351.87	137.61	252.88	384.35	334.75	118.88	356.47	322.78	PHASE
529	-3.85	6.22	618	4.84	1.58	.26	1.84	.81	.15	.81	.85	AMP
530	-5.71	5.76	618	3.27	158.75	268.85	295.99	326.52	12.23	352.78	311.94	PHASE
531	-7.53	6.93	689	4.41	1.54	.22	1.89	.81	.28	.78	.93	AMP
532	-7.84	6.67	688	6.36	152.83	243.22	298.42	322.81	7.65	358.92	389.64	PHASE
533	-.37	5.67	618	3.72	3.27	.22	1.86	.97	.68	.54	.54	AMP
534	-1.35	5.38	611	289.79	115.46	292.82	343.74	8.48	159.84	71.54	313.22	PHASE
535	-2.97	5.11	618	3.27	2.93	.47	.98	.84	.29	.49	.67	AMP
536	-4.94	5.76	618	387.56	128.27	318.98	345.18	5.17	164.56	54.72	318.89	PHASE
537	-6.32	5.89	618	3.12	2.52	.54	.87	.74	.23	.58	.62	AMP
538	-8.89	7.86	618	323.99	127.16	386.36	346.26	359.38	281.86	42.19	337.91	PHASE
539	-9.65	7.26	618	3.25	2.28	.55	.82	.76	.16	.66	.48	AMP
540	-18.55	7.85	618	336.25	134.58	382.55	335.77	345.82	245.52	37.89	351.38	PHASE
541	-11.99	8.84	618	3.58	1.91	.55	.88	.85	.12	.67	.44	AMP
542	-12.94	8.63	618	349.58	139.82	298.58	316.68	328.57	334.36	38.71	318.39	PHASE
543				4.26	1.65	.46	.79	.86	.88	.68	.65	AMP
544				5.88	155.78	295.43	385.71	318.18	48.57	81.58	291.28	PHASE
545				4.31	1.69	.42	.83	.78	.18	.32	.51	AMP
546				3.18	158.15	284.88	382.68	323.37	5.52	41.53	293.25	PHASE
547				2.91	2.41	.12	1.89	.77	.55	.45	.33	AMP
548				286.38	114.38	26.98	333.61	6.51	152.79	57.33	254.22	PHASE
549				2.48	2.13	.86	1.85	.63	.65	.52	.34	AMP
550				381.81	114.47	323.87	317.26	346.22	146.98	28.66	235.53	PHASE
551				2.38	1.89	.88	.99	.66	.66	.53	.34	AMP
552				328.77	121.78	179.76	314.51	342.23	138.83	1.78	235.43	PHASE
553				2.69	1.77	.13	.94	.65	.55	.51	.39	AMP
554				381.48	141.27	238.11	322.88	7.93	158.17	38.22	387.13	PHASE
555				3.86	1.63	.22	.83	.69	.53	.46	.27	AMP
556				359.81	147.41	177.66	382.81	357.89	134.55	.41	33.88	PHASE
557				3.93	1.69	.36	.88	.64	.59	.48	.26	AMP
558				14.78	162.25	182.79	383.35	23.86	147.88	13.32	288.58	PHASE
559				4.95	1.79	.46	.75	.69	.68	.69	.16	AMP
560				28.56	166.22	168.18	286.92	23.53	123.93	.43	225.98	PHASE
561				5.65	1.72	.46	.48	.68	.45	.76	.89	AMP
562				19.75	166.82	122.35	276.17	18.72	183.34	346.99	151.27	PHASE
563				6.92	.97	.95	.28	.63	.87	1.16	.17	AMP
564				13.19	168.64	71.28	272.27	12.92	66.83	328.41	254.73	PHASE
565				2.35	1.69	.18	.79	.61	.34	.25	.18	AMP
566				284.83	189.98	28.32	318.71	348.59	141.39	18.58	152.88	PHASE
567				1.95	1.41	.83	.81	.68	.39	.24	.14	AMP
568				387.66	121.13	194.24	314.85	343.67	148.64	354.65	186.26	PHASE
569				1.96	1.29	.12	.76	.65	.36	.24	.89	AMP
570				332.31	134.94	182.88	381.61	339.47	132.85	341.29	198.41	PHASE
571				2.29	1.23	.28	.74	.68	.36	.28	.82	AMP
572				355.85	156.86	188.28	386.38	354.72	145.77	349.36	239.85	PHASE
573				3.89	1.36	.33	.74	.65	.42	.27	.83	AMP
574				11.25	169.32	178.88	295.14	353.92	137.59	318.75	146.68	PHASE
575				4.12	1.68	.54	.73	.66	.47	.37	.11	AMP
576				19.58	174.18	172.83	281.48	353.42	129.98	288.74	13.58	PHASE
577				5.27	1.92	.57	.63	.68	.48	.48	.17	AMP
578				24.12	175.26	162.81	267.86	356.91	111.91	269.82	347.19	PHASE
579				7.31	1.13	.87	.19	.63	.82	.93	.51	AMP
580				16.66	188.81	67.62	328.63	6.94	118.26	287.39	318.18	PHASE

TABLE VIII.- Continued

(c) Concluded

PITCH LINK												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	-3.78	18.49	61#	4.28	2.19	1.81	2.63	1.68	.25	.61	.77	AMP
				158.49	319.46	286.97	127.52	289.35	234.97	72.55	274.51	PHASE
520	-1.88	9.46	61#	4.84	1.7#	.92	2.28	1.58	.48	.8#	.61	AMP
				171.15	322.31	284.51	138.79	213.81	355.18	97.9#	296.64	PHASE
521	-.86	18.48	61#	4.44	1.5#	.98	2.89	1.77	.87	.9#	.49	AMP
				184.19	312.13	187.86	115.51	289.53	17.16	9#52	284.12	PHASE
522	1.93	12.15	611	5.63	1.44	.74	2.26	1.66	.76	.98	.39	AMP
				195.12	314.95	187.22	128.41	222.23	57.98	113.45	18.72	PHASE
523	4.44	14.53	61#	7.65	1.71	.52	2.37	1.47	.55	.92	.97	AMP
				195.29	382.86	134.25	185.83	192.29	63.31	185.82	18.31	PHASE
524	6.85	17.87	6#9	18.21	2.87	.88	2.55	1.48	.73	.97	1.74	AMP
				196.92	381.89	97.38	187.47	161.78	111.51	116.76	7.25	PHASE
525	8.84	19.3#	61#	11.33	2.36	1.87	2.56	1.77	.83	1.83	2.19	AMP
				198.86	295.18	79.45	183.98	168.88	127.33	118.96	12.57	PHASE
526	-4.64	8.17	61#	3.18	1.99	.82	1.77	1.84	.13	.82	.57	AMP
				163.99	313.12	238.44	148.83	218.66	258.46	78.81	26.58	PHASE
527	-2.54	9.7#	61#	4.19	1.88	.64	1.65	1.31	.89	1.24	.82	AMP
				179.47	315.9#	286.23	151.18	211.88	129.7#	96.31	9.22	PHASE
528	-.45	18.72	61#	5.63	2.86	.47	1.41	1.27	.48	1.83	.73	AMP
				187.57	318.17	217.49	149.29	199.91	85.11	128.97	17.84	PHASE
529	1.76	12.63	61#	7.17	2.17	.17	1.49	1.26	.65	.66	1.15	AMP
				192.81	322.12	195.78	141.31	186.2#	122.51	138.81	9.91	PHASE
530	4.44	15.72	61#	9.38	2.62	.35	1.62	1.7#	.67	.61	1.64	AMP
				193.64	316.83	98.21	124.83	159.76	135.22	138.87	353.44	PHASE
531	8.8#	21.68	6#9	13.69	3.62	.67	1.93	2.28	.26	1.17	1.94	AMP
				197.72	316.58	79.88	132.47	153.66	15.48	95.73	18.74	PHASE
532	8.2#	2#7.3	6#8	13.19	3.18	.94	1.98	2.28	.32	.97	1.87	AMP
				198.31	312.18	58.87	118.89	154.88	148.92	98.81	15.14	PHASE
533	-1.96	6.84	61#	2.39	1.32	.85	1.88	1.52	.51	.57	.68	AMP
				157.7#	384.93	185.85	131.2#	218.12	298.75	17.58	275.25	PHASE
534	-.36	6.96	611	3.82	1.16	.97	1.58	1.54	.43	.39	.58	AMP
				173.43	382.24	175.45	182.87	288.58	348.25	78.52	273.17	PHASE
535	1.27	8.18	61#	3.95	1.81	.81	1.74	2.82	.68	.54	.68	AMP
				185.46	387.47	155.59	98.82	287.98	357.36	83.83	269.18	PHASE
536	3.22	18.13	61#	5.33	1.12	.87	1.95	1.73	.52	.88	.69	AMP
				193.57	311.34	163.32	121.66	236.56	29.75	131.97	331.91	PHASE
537	4.83	11.71	61#	6.54	.88	.59	1.92	1.98	.69	.92	.71	AMP
				282.82	338.41	121.51	182.98	216.43	11.51	89.59	279.44	PHASE
538	6.98	14.65	61#	8.67	1.84	.99	1.96	1.91	.79	.91	.84	AMP
				288.19	323.83	84.99	116.59	234.85	31.83	118.37	314.82	PHASE
539	9.19	17.67	61#	11.58	1.58	1.86	1.88	1.88	.62	.88	1.24	AMP
				286.97	382.51	64.92	188.91	222.78	51.19	135.72	384.23	PHASE
540	18.46	19.62	61#	13.24	1.84	2.12	1.76	1.98	.49	.98	1.85	AMP
				285.67	286.61	54.88	181.59	286.54	85.18	135.38	285.87	PHASE
541	12.62	25.81	61#	16.83	2.68	2.98	1.78	1.93	1.12	1.39	.78	AMP
				288.99	263.66	58.82	182.93	198.88	85.28	117.36	382.89	PHASE
570	-.46	4.65	612	1.58	.72	1.15	1.19	1.38	.22	.48	.24	AMP
				164.35	382.46	163.59	128.81	182.52	295.98	56.24	242.85	PHASE
571	.99	5.61	611	2.17	.55	.98	1.25	1.62	.52	.46	.34	AMP
				185.62	322.67	168.73	185.82	187.75	341.15	68.89	242.78	PHASE
572	2.64	6.96	611	3.17	.48	.87	1.49	1.64	.46	.44	.29	AMP
				197.76	335.74	158.24	182.89	184.91	342.51	64.65	244.26	PHASE
573	4.22	7.98	61#	4.47	.43	.79	1.53	1.65	.48	.49	.24	AMP
				287.32	12.42	141.19	111.84	195.82	7.53	85.53	264.35	PHASE
574	6.11	11.12	6#8	6.86	.45	.93	1.56	1.68	.65	.66	.33	AMP
				211.73	26.97	189.65	189.36	192.94	14.68	93.88	239.89	PHASE
575	8.19	12.86	611	8.16	.48	1.34	1.55	1.63	.83	.71	.35	AMP
				212.54	13.91	77.42	183.68	198.22	2.69	81.88	192.28	PHASE
576	18.85	16.68	611	18.83	.45	2.17	1.63	1.95	.89	.71	.53	AMP
				289.54	387.54	55.47	98.37	189.42	347.53	85.51	137.67	PHASE
577	12.99	23.59	61#	16.57	1.33	3.85	.91	1.39	.94	1.58	.92	AMP
				282.24	226.47	53.87	185.58	173.88	41.48	185.68	87.47	PHASE

TABLE VIII.- Continued

(d) $\mu = 0.30$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
578	-0.8	3.8	8.1	.02684	-.00318	.00275
579	-1.1	4.7	10.0	.03896	-.00534	.00365
580	-1.6	5.9	12.2	.05236	-.00810	.00477
581	-1.9	6.6	14.0	.06684	-.01054	.00588
582	-2.9	7.9	16.1	.07854	-.01334	.00750
583	-3.7	8.7	18.1	.09155	-.01597	.00878
584	-.6	3.6	6.2	.03156	-.00134	.00228
585	-1.2	4.6	8.2	.04445	-.00295	.00290
586	-1.3	5.5	10.0	.05770	-.00436	.00354
587	-2.2	6.8	12.3	.07272	-.00640	.00465
588	-2.9	7.6	14.0	.08388	-.00777	.00553
589	-3.7	8.9	16.1	.09585	-.00988	.00690
590	-3.9	9.3	17.1	.10219	-.01043	.00774
591	-.4	3.4	4.3	.03688	.00108	.00157
592	-.8	4.3	6.3	.05210	.00101	.00185
593	-1.8	5.3	8.1	.06299	.00037	.00239
594	-2.3	6.3	10.0	.07618	-.00015	.00299
595	-2.5	7.3	12.2	.08983	-.00031	.00377
596	-3.3	8.5	14.1	.10243	-.00132	.00497

TABLE VIII.- Continued

(d) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO		18										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	45.71	14.21	641	6.99	3.98	4.29	2.26	4.52	1.28	1.18	1.24	AMP
579	47.23	15.42	648	152.96	341.87	19.72	323.68	56.38	298.75	211.15	4.71	PHASE
580	49.18	15.89	648	7.18	4.31	4.42	2.52	4.58	1.45	1.16	1.88	AMP
581	51.18	17.89	641	158.69	348.78	21.28	327.46	59.56	385.12	216.57	18.43	PHASE
582	52.88	16.98	639	7.89	4.58	4.34	2.43	4.53	1.48	1.13	1.12	AMP
583	54.62	18.86	648	144.19	351.84	14.43	323.48	54.88	383.87	286.24	6.78	PHASE
584	44.83	18.13	639	6.75	4.89	4.17	2.58	4.64	1.34	1.17	1.28	AMP
585	46.58	17.82	648	137.17	357.41	8.26	314.82	59.18	381.96	199.35	352.16	PHASE
586	48.26	17.25	648	6.54	5.24	3.91	2.49	4.65	1.21	1.82	1.18	AMP
587	58.22	17.25	648	118.92	358.71	341.56	287.78	33.73	262.62	165.48	389.21	PHASE
588	51.69	17.37	648	6.59	5.92	3.46	2.54	4.76	1.28	1.14	1.48	AMP
589	53.38	17.36	648	188.88	355.93	327.43	277.13	48.76	251.17	155.77	385.12	PHASE
590	54.11	18.67	648	7.99	5.84	31.72	3.28	5.92	2.84	2.26	2.88	AMP
591	44.32	22.23	641	152.82	329.73	5.78	321.55	73.59	319.23	223.88	38.93	PHASE
592	45.93	28.99	648	7.65	4.83	5.58	3.32	5.99	2.88	2.83	2.13	AMP
593	47.41	19.78	639	148.34	332.63	27.67	313.78	72.31	312.82	222.85	37.78	PHASE
594	49.82	18.89	648	7.63	4.83	5.72	3.89	5.68	2.87	2.87	2.85	AMP
595	58.44	19.83	648	146.18	335.92	24.36	388.35	72.17	389.95	218.18	37.55	PHASE
596	51.79	28.95	639	7.85	4.83	5.72	3.89	5.68	2.87	2.87	2.85	AMP
				148.45	344.98	22.88	299.75	81.68	311.88	228.95	42.18	PHASE
				6.57	5.85	4.78	2.73	5.61	1.78	2.13	2.86	AMP
				138.22	347.64	11.19	287.73	73.48	296.11	287.86	38.76	PHASE
				8.36	5.59	4.16	2.72	5.94	1.46	2.87	2.26	AMP
				189.94	348.44	345.65	258.49	68.15	284.33	169.93	355.77	PHASE
				6.48	6.84	4.88	2.92	6.19	2.88	2.43	2.88	AMP
				95.18	353.53	336.46	251.64	69.34	254.48	164.83	359.41	PHASE
				9.83	6.41	7.18	4.49	5.91	2.78	3.88	2.89	AMP
				148.73	314.81	42.84	324.83	63.85	297.51	289.27	29.58	PHASE
				8.58	5.93	6.53	4.19	5.91	2.58	2.95	1.96	AMP
				158.68	321.58	47.24	332.62	73.52	387.11	232.52	57.63	PHASE
				8.36	5.59	6.58	3.59	5.79	2.52	2.61	1.33	AMP
				149.92	338.83	53.44	344.51	86.71	326.56	256.76	98.46	PHASE
				7.85	5.86	6.23	2.99	5.24	2.12	2.31	.91	AMP
				143.79	332.73	44.83	336.15	78.54	318.53	258.82	115.77	PHASE
				7.39	5.27	5.73	2.89	4.18	2.89	2.18	1.71	AMP
				132.81	335.33	38.87	319.96	65.52	288.52	231.17	151.84	PHASE
				7.88	5.54	4.91	2.88	2.98	1.77	2.45	2.65	AMP
				128.96	353.86	29.44	318.11	87.89	288.81	246.71	182.29	PHASE

CHORDWISE 25 PERCENT RADIUS												
RUN NO		18										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	62.48	25.16	641	18.41	5.57	6.28	4.87	2.79	3.68	1.81	.74	AMP
579	63.25	35.21	648	299.73	134.14	242.26	26.35	326.34	345.16	38.85	96.96	PHASE
580	64.84	54.53	648	19.82	7.93	9.95	6.18	3.75	1.95	1.84	.69	AMP
581	64.29	78.94	641	328.34	149.48	235.96	36.58	352.28	73.85	65.33	122.21	PHASE
582	64.25	95.18	639	38.64	9.35	14.69	7.75	2.49	2.56	1.13	.74	AMP
583	64.18	115.88	648	339.98	156.26	232.56	37.82	336.32	287.35	68.91	131.46	PHASE
584	68.15	38.99	639	45.93	18.88	19.84	9.82	2.35	5.55	.88	.74	AMP
585	68.88	39.37	648	349.37	162.84	235.13	36.16	388.65	248.79	59.48	143.86	PHASE
586	68.41	55.98	648	68.81	18.66	25.89	9.22	3.51	6.26	1.29	.76	AMP
587	59.88	72.34	648	345.43	167.25	228.55	13.78	235.58	234.28	19.89	124.78	PHASE
588	58.96	86.25	648	79.83	18.54	28.97	9.98	4.92	5.86	2.19	.82	AMP
589	58.48	182.94	648	349.79	186.16	224.81	8.25	227.16	268.42	21.51	126.55	PHASE
590	58.56	117.51	648	13.87	8.43	8.35	3.56	2.35	2.64	2.56	1.81	AMP
591	59.85	36.66	641	298.15	121.44	253.56	32.43	2.84	333.33	43.28	181.58	PHASE
592	57.58	48.35	648	21.83	11.82	18.61	5.32	3.64	.77	2.76	1.83	AMP
593	56.38	56.38	639	311.83	133.71	248.75	18.87	341.39	15.84	46.89	131.83	PHASE
594	55.81	69.81	648	32.19	13.61	14.77	7.29	3.86	3.91	1.49	.98	AMP
595	52.92	79.49	648	327.29	138.65	237.51	29.24	348.38	186.86	56.69	126.65	PHASE
596	52.87	181.36	639	45.26	14.12	19.93	7.86	4.14	6.56	.49	.99	AMP
				336.49	149.35	242.84	35.55	331.68	242.21	52.96	143.31	PHASE
				55.71	13.71	23.65	8.25	5.48	7.54	2.84	1.86	AMP
				339.77	152.22	239.97	38.91	321.38	255.81	383.89	161.54	PHASE
				72.77	11.69	27.68	8.97	6.62	6.88	1.83	.65	AMP
				348.82	154.42	238.63	7.89	294.36	252.95	259.96	162.29	PHASE
				85.15	11.91	38.51	8.42	8.15	8.17	1.55	.38	AMP
				347.17	161.29	233.81	359.51	284.55	287.53	387.65	177.97	PHASE
				18.48	9.41	8.66	2.44	4.21	2.47	2.56	1.81	AMP
				281.22	127.88	256.47	58.71	284.75	288.75	35.98	93.82	PHASE
				25.85	13.51	11.28	4.14	5.58	3.16	2.61	1.86	AMP
				385.52	148.63	239.78	31.88	298.85	382.93	39.46	117.56	PHASE
				32.28	15.16	13.58	5.27	6.54	2.27	2.62	.15	AMP
				317.41	153.82	268.89	53.83	318.99	321.11	78.13	131.19	PHASE
				43.38	13.87	17.14	6.61	6.23	4.66	2.18	.58	AMP
				327.56	151.14	253.93	51.28	384.32	389.86	31.61	199.63	PHASE
				57.14	15.37	21.46	7.51	6.18	6.16	3.27	.98	AMP
				335.85	149.88	249.47	35.43	383.72	384.19	319.29	257.53	PHASE
				72.89	13.81	25.21	8.14	5.37	8.48	6.87	.85	AMP
				347.78	168.23	261.62	37.31	329.21	348.38	344.49	354.82	PHASE

TABLE VIII.- Continued

(d) Continued

TORSION 28 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	- .86	6.81	641	2.76	1.27	1.46	1.24	1.19	.65	.54	.18	AMP
				317.68	102.86	331.72	284.89	358.76	132.24	287.51	78.43	PHASE
579	-2.72	6.32	648	2.96	1.87	1.41	1.44	1.16	.54	.49	.89	AMP
				338.11	114.45	388.58	284.84	9.22	151.82	295.87	71.66	PHASE
580	-4.96	6.61	648	3.65	.84	.57	1.53	1.15	.52	.65	.15	AMP
				354.92	121.49	283.17	282.71	13.81	153.46	281.61	32.66	PHASE
581	-7.34	8.11	641	4.82	.83	.85	1.62	1.18	.72	.97	.24	AMP
				7.71	126.15	273.54	283.71	23.76	162.61	266.32	355.93	PHASE
582	-9.51	9.25	639	5.98	.76	1.18	1.57	1.85	.85	1.09	.25	AMP
				9.39	123.21	248.62	268.88	1.84	139.55	234.72	325.89	PHASE
583	-11.98	12.53	648	7.97	1.87	1.77	1.58	1.24	.98	1.32	.44	AMP
				14.78	116.36	244.89	264.48	11.88	148.74	248.42	318.19	PHASE
584	.26	7.36	639	3.29	2.89	.38	1.78	1.35	.62	.75	.32	AMP
				316.94	118.38	355.37	291.71	3.58	138.66	389.67	91.97	PHASE
585	-1.82	7.97	648	3.52	1.78	.25	1.78	1.55	.77	.86	.28	AMP
				334.54	111.47	319.58	286.44	16.28	145.78	385.92	99.79	PHASE
586	-4.88	8.48	648	4.21	1.54	.33	1.95	1.51	.58	.92	.19	AMP
				349.31	113.42	279.17	282.97	38.33	156.87	291.58	45.95	PHASE
587	-6.65	9.28	648	5.43	1.43	.72	1.91	1.54	.74	1.14	.26	AMP
				2.87	118.63	266.78	286.92	48.79	162.65	288.89	59.48	PHASE
588	-8.81	11.36	648	6.81	1.61	1.28	1.86	1.53	.72	1.28	.38	AMP
				8.74	118.89	259.53	284.38	44.76	158.87	277.68	69.94	PHASE
589	-11.43	14.14	648	9.86	2.15	1.81	1.78	1.62	.31	1.15	.51	AMP
				18.48	189.79	245.17	278.26	19.95	128.39	266.81	39.95	PHASE
590	-13.41	17.36	648	11.59	2.98	2.24	1.78	1.74	.36	1.58	.43	AMP
				11.32	188.92	243.86	274.81	18.76	281.93	274.28	5.87	PHASE
591	1.16	8.78	641	4.82	2.59	.37	2.45	1.38	.42	.82	.16	AMP
				328.85	118.45	25.69	294.66	356.46	128.37	288.28	57.63	PHASE
592	-1.28	8.83	648	4.33	2.25	.38	2.18	1.44	.65	1.26	.21	AMP
				333.46	121.31	358.38	383.88	14.56	182.33	312.85	65.52	PHASE
593	-3.21	9.37	639	4.91	2.11	.35	2.15	1.27	.55	1.35	.27	AMP
				351.86	123.85	333.42	312.37	31.82	214.31	335.65	34.81	PHASE
594	-5.79	18.40	648	6.13	2.21	.53	2.15	1.11	.30	1.39	.14	AMP
				.79	123.92	292.17	303.22	18.73	213.83	322.47	258.44	PHASE
595	-8.85	13.32	648	3.47	2.65	1.09	2.55	1.34	.22	1.34	.51	AMP
				3.25	115.28	273.88	292.38	351.83	351.75	319.96	229.64	PHASE
596	-12.27	16.77	639	11.51	3.38	1.83	2.72	1.56	.93	1.48	.95	AMP
				13.28	122.68	283.77	299.72	347.36	17.86	335.48	256.71	PHASE

TABLE VIII.- Continued

(d) Continued

FLAPWISE 37 PERCENT RADIUS

RUN NO 18

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	29.18	15.08	641	18.46	5.34	5.35	1.62	2.38	.46	.17	.41	AMP
579	38.46	16.49	648	142.38	337.88	25.18	313.15	57.53	279.23	188.91	174.29	PHASE
580	32.21	17.72	648	11.43	5.98	6.85	1.63	2.18	.58	.19	.37	AMP
581	34.84	18.97	641	144.1W	348.88	29.11	316.83	57.28	284.51	219.95	187.72	PHASE
582	35.81	19.53	639	12.28	6.17	6.38	1.57	2.27	.48	.18	.39	AMP
583	37.54	28.27	648	143.81	342.25	24.94	313.34	58.68	281.61	248.49	173.15	PHASE
584	27.16	19.93	639	13.83	6.57	6.68	1.68	2.44	.43	.26	.51	AMP
585	28.87	28.42	648	144.81	344.86	23.71	384.58	53.88	266.65	242.55	162.88	PHASE
586	38.38	28.93	648	13.66	6.98	6.62	1.88	2.55	.45	.24	.46	AMP
587	32.35	28.78	648	138.25	337.48	5.67	281.81	28.68	211.48	221.78	115.65	PHASE
588	33.71	28.47	648	14.89	7.17	6.81	1.58	2.68	.54	.24	.53	AMP
589	35.34	28.52	648	137.28	341.86	3.66	274.48	34.84	284.75	247.71	112.54	PHASE
590	36.15	28.58	648	11.99	7.83	7.15	2.26	3.84	.53	.29	.74	AMP
591	25.63	24.68	641	148.48	323.81	33.94	313.13	77.87	285.31	173.47	285.48	PHASE
592	27.28	24.54	648	12.49	6.87	7.35	2.21	2.92	.56	.38	.67	AMP
593	28.73	24.48	639	148.51	323.83	38.66	386.93	78.44	283.15	174.98	283.19	PHASE
594	38.38	28.93	648	13.34	6.97	7.88	2.88	2.71	.56	.29	.57	AMP
595	31.69	22.93	648	141.15	324.49	7.88	381.16	75.88	282.84	184.88	283.87	PHASE
596	33.14	22.28	639	13.91	6.84	7.58	1.73	2.72	.51	.38	.55	AMP
				141.72	338.99	38.18	295.88	84.61	274.31	215.85	218.86	PHASE
				14.26	6.63	7.44	1.68	2.66	.58	.37	.58	AMP
				138.96	338.25	23.96	277.57	77.11	241.44	212.17	195.92	PHASE
				14.58	6.58	6.93	1.54	2.81	.63	.42	.72	AMP
				132.88	327.36	8.38	246.18	62.12	288.89	192.83	166.38	PHASE
				14.48	6.91	6.59	1.71	2.96	.78	.33	.71	AMP
				131.68	338.86	7.25	236.13	72.18	183.96	195.75	172.85	PHASE
				13.63	8.84	8.11	2.89	3.26	.53	.28	.75	AMP
				139.21	313.42	48.69	318.52	71.92	382.84	143.75	211.11	PHASE
				14.17	8.46	7.95	2.65	3.88	.48	.31	.68	AMP
				142.77	317.74	45.54	329.89	85.31	314.18	153.76	231.85	PHASE
				14.55	8.83	8.22	2.29	3.82	.43	.29	.48	AMP
				145.88	325.73	51.57	348.58	96.42	335.97	198.36	261.69	PHASE
				14.82	7.41	9.31	1.83	2.78	.28	.32	.23	AMP
				143.27	323.64	44.88	331.34	87.58	313.13	211.38	267.88	PHASE
				15.43	7.57	8.21	1.66	2.15	.27	.48	.48	AMP
				143.21	321.68	33.56	315.84	73.53	258.49	228.58	323.87	PHASE
				15.65	7.88	7.74	1.58	1.67	.48	.41	.66	AMP
				141.59	333.32	39.56	311.88	91.21	227.47	246.51	358.58	PHASE

CHORDWISE 37 PERCENT RADIUS

RUN NO 18

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	29.98	25.76	641	9.58	4.67	4.21	5.68	2.81	6.82	3.57	1.48	AMP
579	38.86	38.11	648	297.39	135.27	262.43	25.92	336.13	334.98	34.95	113.14	PHASE
580	38.81	49.88	648	15.94	6.56	6.76	8.19	4.51	2.78	3.82	1.64	AMP
581	29.26	71.42	641	321.35	147.55	253.33	36.62	354.23	47.59	62.51	184.63	PHASE
582	28.33	83.65	639	24.52	7.74	18.53	18.42	3.45	4.19	1.13	2.17	AMP
583	26.71	98.93	648	332.55	153.65	247.63	35.99	348.67	218.23	75.48	112.39	PHASE
584	28.73	38.34	639	35.73	8.18	14.74	12.16	3.28	9.65	.57	2.45	AMP
585	28.67	37.59	648	341.78	159.84	249.49	34.32	328.34	247.28	261.18	123.89	PHASE
586	27.58	52.28	648	46.63	8.77	19.24	13.25	3.34	18.87	.59	2.88	AMP
587	25.71	66.94	648	338.33	162.98	233.62	11.46	255.38	229.85	311.67	92.17	PHASE
588	23.88	78.71	648	61.82	8.98	23.38	14.67	4.36	18.88	2.18	2.55	AMP
589	21.93	92.78	648	343.87	179.15	237.49	6.48	235.45	257.61	344.22	93.74	PHASE
590	21.18	81.72	648	13.28	7.18	5.83	5.62	2.47	5.25	5.88	1.68	AMP
591	28.88	34.94	641	297.38	117.96	278.21	28.98	28.14	322.85	36.69	143.59	PHASE
592	26.24	4.35	648	19.22	9.38	7.78	7.84	3.22	2.53	5.18	1.13	AMP
593	24.78	54.38	639	384.88	129.72	248.54	21.86	349.14	343.14	42.46	157.28	PHASE
594	22.33	64.29	648	27.88	11.73	11.28	18.44	3.95	5.58	2.78	1.62	AMP
595	19.84	72.92	648	328.88	134.88	255.97	29.63	341.16	193.29	51.47	113.85	PHASE
596	16.42	84.76	639	37.24	12.63	15.97	11.63	4.54	18.62	.26	2.89	AMP
				338.88	146.88	259.61	36.36	338.33	243.85	184.72	131.55	PHASE
				46.41	12.98	19.68	12.33	6.56	12.45	1.67	1.78	AMP
				333.83	149.18	257.48	31.62	328.55	254.86	241.18	134.45	PHASE
				59.86	12.86	23.91	13.39	8.88	11.38	4.12	1.76	AMP
				334.52	149.78	246.88	8.15	294.38	248.79	232.65	128.15	PHASE
				67.73	13.77	27.51	12.89	18.11	12.88	4.55	1.58	AMP
				341.85	156.86	247.39	359.82	284.88	281.73	269.34	158.47	PHASE
				17.89	8.71	6.67	4.77	4.48	4.12	5.66	1.41	AMP
				288.59	128.57	271.36	39.69	284.98	219.59	25.96	114.79	PHASE
				23.86	12.24	8.94	7.26	7.81	6.52	5.76	.78	AMP
				382.21	136.88	278.69	35.42	283.36	389.87	42.87	188.86	PHASE
				25.34	14.18	11.83	8.98	7.11	4.63	5.91	1.31	AMP
				313.79	146.36	279.62	55.85	386.83	332.84	75.81	52.63	PHASE
				37.22	15.38	14.25	18.72	7.29	7.84	3.51	1.18	AMP
				323.56	147.17	274.88	53.75	383.88	317.28	55.56	51.01	PHASE
				49.21	15.33	18.45	11.96	8.48	9.73	4.23	2.41	AMP
				332.31	145.69	269.41	39.32	318.38	318.55	313.29	337.66	PHASE
				68.45	17.11	22.51	12.65	8.83	12.97	9.39	4.19	AMP
				343.48	158.48	288.37	41.52	348.88	352.28	338.44	8.19	PHASE

TABLE VIII.- Continued

(d) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	-1.48	5.72	641	2.98	1.38	.29	1.89	1.85	.68	.42	.14	AMP
				315.83	89.14	386.14	251.76	312.88	88.51	241.16	38.19	PHASE
579	-3.29	6.85	648	3.19	1.19	.26	1.28	1.84	.49	.48	.88	AMP
				333.88	99.51	268.89	253.78	329.82	187.89	255.57	22.68	PHASE
580	-5.48	6.24	648	3.92	.94	.39	1.32	1.81	.48	.52	.18	AMP
				348.77	187.49	246.98	258.81	331.99	188.48	236.52	341.41	PHASE
581	-7.77	7.78	641	4.99	.88	.68	1.44	.99	.64	.75	.18	AMP
				.67	114.23	235.15	251.62	342.88	115.96	219.41	386.38	PHASE
582	-9.91	8.83	639	6.86	.83	.98	1.48	.97	.76	.85	.28	AMP
				2.13	189.51	211.28	228.85	328.88	91.81	186.15	277.38	PHASE
583	-12.22	11.57	648	7.84	1.14	1.39	1.35	1.14	.98	1.85	.34	AMP
				7.54	185.56	289.63	233.82	332.35	97.98	192.18	268.21	PHASE
584	-1.36	6.94	639	3.34	2.19	.26	1.55	1.28	.57	.61	.21	AMP
				311.46	95.99	328.22	261.68	322.75	94.22	267.39	43.99	PHASE
585	-2.37	7.27	648	3.61	1.81	.15	1.47	1.33	.69	.69	.21	AMP
				328.24	97.91	278.67	256.56	334.28	98.93	262.78	52.48	PHASE
586	-4.49	7.69	648	4.31	1.64	.26	1.66	1.27	.54	.75	.11	AMP
				342.48	99.75	232.82	253.31	347.36	188.98	249.42	346.59	PHASE
587	-7.86	8.88	648	5.58	1.55	.63	1.64	1.28	.78	.89	.16	AMP
				355.75	185.65	227.59	257.22	5.81	113.43	243.83	.94	PHASE
588	-9.17	18.56	648	6.82	1.75	1.84	1.63	1.38	.72	.95	.22	AMP
				1.43	184.29	222.23	253.82	2.24	188.47	231.76	21.54	PHASE
589	-11.69	13.83	648	8.88	2.25	1.53	1.54	1.45	.46	.93	.39	AMP
				3.81	95.77	288.25	239.55	338.73	69.82	217.51	349.98	PHASE
590	-13.54	15.73	648	11.14	2.95	1.77	1.56	1.59	.87	1.24	.29	AMP
				3.68	86.93	286.49	241.55	329.51	253.85	226.85	328.58	PHASE
591	.57	8.49	641	4.84	2.78	.23	2.86	1.26	.43	.67	.11	AMP
				312.77	183.58	358.83	264.83	316.42	81.68	258.18	341.85	PHASE
592	-1.68	8.39	648	4.28	2.31	.24	1.78	1.38	.58	1.83	.15	AMP
				338.17	186.96	311.98	273.34	333.98	131.94	269.28	356.82	PHASE
593	-3.64	8.64	639	4.81	2.11	.19	1.86	1.18	.49	1.14	.25	AMP
				343.16	114.51	296.89	281.41	358.84	161.82	292.55	338.17	PHASE
594	-6.18	9.57	648	5.88	2.11	.48	1.89	1.86	.31	1.14	.13	AMP
				351.78	188.27	245.73	272.81	338.13	151.21	281.86	261.25	PHASE
595	-8.95	11.33	648	7.86	2.43	.86	2.38	1.24	.18	1.89	.33	AMP
				356.26	93.32	231.69	261.12	314.43	323.34	274.98	183.22	PHASE
596	-12.13	14.78	639	18.57	2.96	1.39	2.56	1.73	.72	1.16	.71	AMP
				4.82	183.39	244.44	269.28	312.96	333.21	292.56	285.81	PHASE

TABLE VIII.- Continued

(d) Continued

FLAPWISE 51 PERCENT RADIUS

RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	13.83	23.83	641	15.36	7.89	6.44	1.22	1.65	.54	1.05	1.09	AMP
579	15.31	24.65	648	15.33	321.69	28.18	382.88	236.42	188.17	15.39	186.78	PHASE
580	17.32	25.47	648	16.68	8.62	7.48	1.19	1.74	.65	1.88	.88	AMP
581	19.33	27.26	641	138.22	326.59	23.21	381.92	244.14	113.62	21.66	199.48	PHASE
582	21.46	28.35	639	17.61	8.78	8.16	1.12	1.71	.66	1.88	1.88	AMP
583	23.58	29.22	648	138.94	325.59	28.84	296.78	243.61	189.98	14.48	187.51	PHASE
584	18.94	29.43	639	18.78	9.12	8.96	1.11	1.69	.66	1.12	1.05	AMP
585	12.87	29.76	648	148.81	325.88	28.41	293.66	249.33	188.17	6.47	171.56	PHASE
586	14.69	38.52	648	19.71	9.28	9.38	.99	1.63	.68	.95	.96	AMP
587	17.83	38.64	648	136.18	316.36	3.31	271.82	226.18	76.83	327.98	128.77	PHASE
588	18.72	31.24	648	28.57	9.15	9.19	.84	1.63	.65	1.88	1.21	AMP
589	28.72	31.24	648	136.79	316.69	3.16	266.25	234.58	67.34	326.23	118.57	PHASE
590	21.66	32.39	648	17.37	11.22	8.32	1.83	2.87	1.83	1.91	1.96	AMP
591	8.41	35.21	641	133.57	315.53	38.94	316.86	241.49	111.94	31.37	218.82	PHASE
592	18.38	34.94	648	18.11	18.88	8.76	1.84	2.12	1.88	1.68	1.92	AMP
593	12.18	34.83	639	134.53	314.22	26.62	312.31	248.96	188.97	38.75	217.86	PHASE
594	14.89	32.53	648	19.22	18.91	9.63	1.88	2.88	1.16	1.82	1.62	AMP
595	15.98	32.81	648	135.66	312.89	23.64	318.84	243.17	181.93	26.68	215.58	PHASE
596	17.77	32.83	639	28.21	18.58	9.67	1.69	1.96	1.83	1.79	1.79	AMP
				137.82	315.18	25.32	315.76	254.38	188.26	29.42	217.76	PHASE
				28.92	18.38	9.88	1.68	1.84	1.91	1.96	1.77	AMP
				136.48	311.88	18.86	387.14	247.13	95.68	16.45	289.25	PHASE
				21.55	9.93	9.47	1.55	1.82	.87	1.78	1.89	AMP
				132.81	383.72	4.43	284.42	235.67	71.74	348.73	176.71	PHASE
				21.74	18.21	9.11	1.51	1.88	.84	1.96	1.78	AMP
				132.33	385.48	4.23	283.83	248.82	65.12	342.46	179.15	PHASE
				18.97	13.95	8.76	1.58	2.29	1.88	2.79	1.88	AMP
				133.42	318.85	36.69	327.49	232.72	98.42	28.63	285.98	PHASE
				19.81	13.12	9.87	1.64	2.18	1.87	2.85	1.71	AMP
				137.39	314.24	48.74	339.22	245.39	186.53	45.42	238.36	PHASE
				28.42	12.46	9.19	1.62	2.88	1.85	2.61	1.18	AMP
				141.12	319.97	45.55	348.21	268.28	125.94	71.17	268.73	PHASE
				21.85	11.38	9.52	1.55	1.78	1.73	2.39	.79	AMP
				148.21	314.34	37.71	341.22	251.84	113.88	67.18	387.92	PHASE
				22.28	11.36	9.78	1.42	1.32	1.87	2.31	1.75	AMP
				137.91	318.62	27.93	348.96	234.59	89.79	58.94	335.27	PHASE
				23.89	11.32	9.31	1.22	.94	1.78	2.68	2.66	AMP
				148.73	318.98	35.41	3.18	243.89	97.28	78.15	6.68	PHASE

CHORDWISE 51 PERCENT RADIUS

RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	5.13	26.89	641	18.88	4.77	3.57	6.12	2.62	7.98	4.18	1.73	AMP
579	5.84	32.39	648	381.88	141.57	275.57	31.23	331.39	335.56	39.44	116.87	PHASE
580	4.72	43.85	648	15.65	6.25	5.35	8.71	4.16	2.95	3.88	2.86	AMP
581	3.89	63.59	641	317.37	158.17	267.93	48.33	351.88	39.98	68.73	99.16	PHASE
582	2.86	72.12	639	22.26	7.17	8.38	11.84	3.32	4.76	1.89	2.88	AMP
583	1.87	84.12	648	325.98	153.53	261.88	38.67	336.86	226.51	94.85	118.62	PHASE
584	6.16	38.87	639	38.69	7.48	11.75	12.98	3.24	11.11	1.29	3.24	AMP
585	5.75	37.63	648	333.97	156.52	262.13	36.78	319.88	251.15	252.54	123.27	PHASE
586	5.87	51.64	648	39.11	7.57	15.44	14.46	3.19	12.48	.81	3.38	AMP
587	3.39	62.66	648	338.81	156.82	245.46	13.58	255.95	231.73	265.35	89.93	PHASE
588	1.68	71.38	648	49.91	7.24	19.23	16.19	4.83	11.62	2.28	3.22	AMP
589	-1.78	88.96	648	335.29	168.32	248.84	8.28	235.62	259.83	331.38	89.37	PHASE
590	-1.78	84.46	648	13.94	7.19	5.11	6.11	1.98	6.25	5.92	1.66	AMP
591	7.37	37.48	641	292.89	125.15	283.84	39.86	15.42	322.75	41.68	116.87	PHASE
592	6.19	43.21	648	18.82	8.84	6.43	8.38	2.71	3.23	6.88	1.81	AMP
593	4.81	49.11	639	383.35	132.24	273.41	28.82	348.82	348.92	45.84	178.58	PHASE
594	2.58	57.42	648	24.88	18.56	9.18	11.83	3.61	6.15	3.25	2.88	AMP
595	-1.81	69.18	648	314.65	134.73	269.75	34.59	333.31	199.79	55.48	186.96	PHASE
596	-3.94	77.94	639	32.91	11.26	13.81	12.36	4.41	12.85	2.83	2.83	AMP
				323.48	142.51	271.48	48.83	325.88	246.77	119.33	138.44	PHASE
				48.17	11.48	16.39	13.25	6.36	14.28	2.44	2.44	AMP
				326.74	143.49	268.54	33.78	318.19	258.87	245.65	131.88	PHASE
				58.11	18.96	28.48	14.68	7.93	12.92	5.28	2.45	AMP
				327.52	148.19	255.83	8.98	294.37	251.43	236.93	116.98	PHASE
				55.79	13.52	24.23	14.48	18.89	14.62	5.78	2.42	AMP
				334.84	146.36	254.86	359.56	283.87	283.63	272.58	152.65	PHASE
				17.12	8.85	5.65	5.48	4.58	4.93	6.61	1.38	AMP
				284.85	124.82	281.51	49.54	283.47	227.81	29.53	188.84	PHASE
				22.22	11.99	7.21	3.66	6.86	7.81	6.96	1.91	AMP
				387.99	137.28	283.11	43.58	281.91	311.26	46.72	95.88	PHASE
				2.38	12.77	3.83	9.53	6.69	5.73	7.25	1.91	AMP
				310.91	145.44	291.56	61.89	385.86	333.83	82.81	61.38	PHASE
				33.52	13.71	11.55	11.68	6.97	9.34	4.42	1.83	AMP
				313.71	143.53	285.19	56.82	384.29	319.78	73.38	63.98	PHASE
				43.51	14.62	15.57	13.12	8.58	11.43	3.88	3.21	AMP
				323.88	137.57	273.35	48.81	314.93	314.71	316.22	351.41	PHASE
				52.58	15.81	13.62	14.48	9.29	14.84	9.58	5.48	AMP
				335.66	153.51	287.94	41.32	348.41	356.39	342.87	11.88	PHASE

TABLE VIII.- Continued

(d) Continued

TORSION % PERCENT RADIUS												
PT NO	RUN NO 18											
	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	-1.14	5.82	641	2.47	1.68	.27	1.86	1.85	.61	.44	.23	AMP
				323.48	188.53	332.33	284.39	345.29	122.88	291.73	183.36	PHASE
579	-1.95	5.83	648	2.88	1.36	.18	1.15	1.86	.53	.44	.11	AMP
				344.98	114.14	296.48	283.87	359.62	143.11	382.78	127.97	PHASE
580	-4.88	6.14	648	3.52	1.18	.26	1.17	1.88	.52	.52	.88	AMP
				.43	125.88	252.24	288.68	1.23	148.78	284.66	62.32	PHASE
581	-6.35	7.76	641	4.64	1.83	.47	1.27	1.12	.72	.79	.28	AMP
				12.18	135.38	235.22	279.71	188.83	147.33	264.24	5.81	PHASE
582	-8.41	8.59	639	5.75	1.82	.74	1.26	1.14	.85	.93	.27	AMP
				13.12	133.86	211.11	257.43	349.58	122.29	238.38	328.81	PHASE
583	-18.56	11.29	648	7.37	1.19	.84	1.17	1.38	1.81	1.15	.41	AMP
				18.48	136.98	213.33	258.79	358.92	126.43	234.31	323.83	PHASE
584	.83	7.89	639	2.96	2.46	.36	1.45	1.23	.64	.64	.28	AMP
				318.48	189.18	349.83	291.55	355.93	133.42	323.63	126.37	PHASE
585	-1.13	7.35	648	3.28	2.81	.19	1.38	1.34	.79	.72	.29	AMP
				336.92	113.52	324.47	286.47	4.59	136.72	313.21	131.77	PHASE
586	-3.17	7.67	648	3.83	1.79	.16	1.45	1.38	.67	.73	.84	AMP
				352.89	118.57	274.95	281.94	15.84	144.25	381.16	136.43	PHASE
587	-5.58	8.51	648	4.85	1.55	.38	1.48	1.38	.85	.88	.18	AMP
				5.88	125.61	243.62	283.81	32.51	147.71	292.98	67.15	PHASE
588	-7.47	9.62	648	5.94	1.54	.66	1.46	1.49	.94	.93	.21	AMP
				11.17	122.84	224.85	276.71	27.25	133.68	288.52	92.78	PHASE
589	-9.72	11.96	648	7.72	1.84	1.86	1.52	1.79	.78	1.81	.48	AMP
				11.84	188.69	199.92	258.43	4.31	182.71	278.25	58.82	PHASE
590	-11.36	14.26	648	9.66	2.35	1.28	1.54	1.95	.23	1.41	.41	AMP
				11.77	95.88	191.39	256.73	358.49	188.18	282.33	43.44	PHASE
591	1.71	8.75	641	3.58	2.89	.34	1.96	1.33	.53	.74	.88	AMP
				318.48	116.17	357.69	293.44	358.93	117.93	387.48	133.35	PHASE
592	-1.47	8.34	648	3.73	2.48	.38	1.64	1.36	.63	1.89	.86	AMP
				336.87	122.87	348.42	384.66	7.38	163.23	318.98	51.54	PHASE
593	-2.31	8.55	639	4.12	2.13	.31	1.67	1.24	.54	1.16	.24	AMP
				358.74	131.38	352.65	311.86	22.26	192.89	348.44	18.58	PHASE
594	-4.52	8.78	648	4.98	1.86	.18	1.68	1.19	.34	1.19	.12	AMP
				359.69	125.87	387.65	299.75	188.96	179.81	331.86	329.58	PHASE
595	-7.88	18.33	648	5.68	1.93	.58	2.22	1.42	.16	1.17	.32	AMP
				3.86	112.59	238.47	285.77	358.85	14.85	323.47	248.45	PHASE
596	-9.88	13.45	639	8.85	2.31	.81	2.69	1.74	.79	1.22	.74	AMP
				9.96	187.18	233.87	294.63	353.39	1.53	349.68	261.23	PHASE

TABLE VIII.- Continued

(d) Continued

FLAPWISE 77 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-1.06	27.88	641	19.86	9.01	3.87	3.45	4.33	.15	1.15	1.5# AMP
				133.79	322.85	329.59	136.88	234.83	122.87	185.68	7.7# PHASE
579	1.45	38.86	64#	28.89	9.73	4.68	3.58	4.28	.22	1.88	1.25 AMP
				138.64	327.86	348.19	141.82	234.13	123.88	187.93	28.82 PHASE
580	4.77	31.77	64#	28.98	10.88	5.14	3.34	4.19	.89	1.14	1.33 AMP
				141.36	327.48	342.79	135.89	229.85	127.15	181.81	7.25 PHASE
581	8.15	34.22	641	22.87	10.84	5.61	3.28	4.42	.18	1.38	1.44 AMP
				145.17	327.22	346.12	127.69	233.23	11.83	172.26	348.93 PHASE
582	11.47	35.58	639	23.87	11.25	5.97	2.89	4.78	.45	1.88	1.38 AMP
				142.46	316.91	333.23	188.81	287.54	352.22	129.45	384.76 PHASE
583	14.72	37.58	64#	24.43	11.92	5.73	2.72	4.91	.54	1.27	1.55 AMP
				145.42	317.26	315.38	91.84	215.16	353.88	138.44	294.45 PHASE
584	-3.92	33.56	639	21.33	11.84	4.57	5.25	5.46	.74	2.25	2.83 AMP
				132.11	317.88	339.27	142.37	252.73	257.44	283.31	48.81 PHASE
585	-9.91	35.51	64#	21.86	11.72	4.96	4.95	5.46	.65	1.88	2.77 AMP
				115.13	318.38	337.75	135.23	254.41	252.42	199.78	37.68 PHASE
586	2.14	36.66	64#	22.71	11.98	5.57	4.52	5.86	.65	2.11	2.33 AMP
				138.13	317.67	339.58	132.45	255.49	255.88	192.81	37.18 PHASE
587	5.86	36.98	64#	23.69	12.18	5.36	3.66	5.16	.46	2.85	2.47 AMP
				142.74	328.32	344.18	129.78	265.65	298.59	192.34	39.46 PHASE
588	8.67	38.32	64#	24.61	12.34	5.28	2.94	5.28	.54	1.93	2.44 AMP
				143.41	316.72	339.49	115.33	258.57	328.26	176.64	32.25 PHASE
589	11.96	39.63	64#	25.91	12.64	5.84	2.32	5.93	.86	1.69	2.68 AMP
				141.56	389.51	323.98	83.89	242.91	318.27	138.72	358.88 PHASE
590	13.48	41.82	64#	26.72	13.44	4.76	2.37	6.39	.97	1.98	2.38 AMP
				143.41	311.61	328.32	68.12	251.97	317.38	148.66	4.51 PHASE
591	-6.48	37.13	541	23.83	13.72	4.42	6.91	4.79	1.61	3.87	2.34 AMP
				131.23	311.69	343.88	144.63	243.35	283.38	282.88	36.76 PHASE
592	-3.28	36.58	64#	23.58	13.89	4.33	5.96	5.17	1.39	3.91	2.18 AMP
				137.37	315.98	353.11	155.49	255.57	283.24	225.25	72.88 PHASE
593	-3.35	36.52	639	24.84	13.69	4.38	5.38	5.19	1.27	3.58	1.35 AMP
				142.87	322.89	1.68	166.16	267.71	295.22	248.65	112.71 PHASE
594	3.81	37.39	640	24.68	11.97	4.58	4.18	4.84	1.36	3.13	1.62 AMP
				143.47	313.78	359.16	155.92	262.58	298.82	241.24	149.85 PHASE
595	6.44	48.23	640	25.44	11.94	4.82	3.77	4.85	1.61	2.82	3.22 AMP
				143.58	315.88	351.23	141.89	253.88	286.46	226.76	153.46 PHASE
596	9.74	41.88	639	27.86	11.88	3.29	3.21	3.38	1.54	2.87	4.73 AMP
				148.45	324.17	357.78	148.83	283.62	321.96	242.61	181.81 PHASE

CHORDWISE 77 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-18.75	15.69	641	3.93	2.48	2.78	2.43	2.29	3.54	1.66	.88 AMP
				152.24	318.85	333.87	55.37	251.99	328.88	41.79	65.34 PHASE
579	-18.68	14.28	64#	2.49	2.35	3.39	3.58	2.14	1.24	1.43	1.27 AMP
				162.28	326.14	333.98	56.98	273.21	29.28	74.84	64.37 PHASE
580	-9.45	15.24	64#	.86	2.36	4.89	4.52	2.34	2.12	.68	1.41 AMP
				212.53	327.53	324.35	49.81	259.27	225.89	122.76	79.38 PHASE
581	-7.98	18.61	641	2.38	2.81	5.87	6.39	2.81	4.92	.77	1.28 AMP
				389.49	338.87	319.47	45.23	259.82	247.55	219.95	92.48 PHASE
582	-6.82	22.17	639	8.11	3.28	6.82	6.19	3.42	5.46	.27	1.34 AMP
				318.69	318.24	297.74	28.55	221.86	228.84	282.98	61.13 PHASE
583	-4.93	24.79	64#	8.23	4.83	7.89	6.92	3.93	5.14	.71	1.12 AMP
				316.81	315.42	291.79	13.63	228.46	255.34	325.72	58.68 PHASE
584	-11.47	17.48	639	4.41	3.82	3.57	2.69	2.34	2.99	2.83	.94 AMP
				157.58	319.42	339.42	75.99	258.46	318.91	43.41	73.44 PHASE
585	-11.47	16.68	64#	3.88	2.49	4.88	3.37	2.89	1.78	2.28	1.86 AMP
				174.85	328.25	333.75	54.38	262.92	325.11	46.45	45.47 PHASE
586	-18.31	16.71	64#	1.72	2.21	4.93	4.61	3.15	2.62	1.19	1.54 AMP
				215.54	324.45	327.98	58.52	278.46	281.43	67.79	64.68 PHASE
587	-8.77	19.87	64#	2.92	2.31	5.73	5.37	3.78	5.27	.55	1.84 AMP
				284.75	328.86	323.21	49.59	279.98	245.87	155.98	86.83 PHASE
588	-7.28	21.34	64#	5.85	2.54	6.73	5.86	4.34	6.38	.87	1.78 AMP
				381.18	324.94	314.88	39.53	279.87	256.55	213.87	81.42 PHASE
589	-6.37	27.81	64#	7.97	3.83	7.88	6.46	5.27	6.82	2.86	1.43 AMP
				387.24	317.16	293.78	11.98	262.62	258.81	224.64	68.71 PHASE
590	-4.72	32.65	64#	7.97	1.86	8.75	6.28	6.99	7.84	2.22	7.89 AMP
				318.69	295.66	288.84	357.77	264.16	281.82	264.25	186.31 PHASE
591	-13.24	18.88	641	4.98	3.58	3.52	3.21	3.81	2.41	1.82	1.19 AMP
				165.45	388.11	342.53	97.15	258.85	233.78	25.48	56.67 PHASE
592	-12.29	18.55	64#	3.61	2.53	3.83	3.28	4.94	3.84	2.82	1.25 AMP
				186.92	318.24	345.82	78.81	259.85	385.58	41.17	74.81 PHASE
593	-18.93	19.45	639	2.95	2.81	4.44	4.15	4.68	2.84	2.45	1.49 AMP
				216.24	319.88	352.97	83.93	277.69	325.31	82.77	78.58 PHASE
594	-9.78	21.13	64#	3.11	1.98	5.15	5.14	4.58	4.54	1.46	1.52 AMP
				265.33	322.69	339.88	72.32	276.23	313.89	79.95	188.82 PHASE
595	-8.73	26.25	64#	5.18	1.71	6.17	5.92	4.28	5.56	1.16	1.88 AMP
				299.11	333.64	326.86	51.59	287.69	318.98	292.55	76.65 PHASE
596	-7.27	32.57	639	7.15	1.11	6.78	6.11	4.32	7.11	3.19	.39 AMP
				319.69	355.11	322.27	51.32	327.35	352.84	327.88	61.13 PHASE

TABLE VIII.- Continued

(d) Concluded

TORSION 75 PERCENT RADIUS

RUN NO 10												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	-2.34	4.45	641	1.94	1.68	.86	.95	.73	.45	.23	.87	AMP
579	-4.88	4.45	648	298.16	114.12	328.86	384.25	331.34	125.28	339.72	157.49	PHASE
580	-5.98	5.84	648	1.89	1.45	.89	.92	.75	.44	.27	.87	AMP
581	-7.92	6.88	641	326.13	131.97	221.76	383.65	336.87	143.49	345.74	215.33	PHASE
582	-9.67	7.86	639	2.34	1.36	.21	.87	.78	.41	.26	.86	AMP
583	-11.52	8.84	648	352.36	148.76	191.64	296.87	337.67	131.89	339.12	259.37	PHASE
584	-1.77	6.16	639	3.24	1.47	.36	.87	.88	.54	.24	.18	AMP
585	-3.56	5.89	648	11.27	163.66	183.96	289.43	345.51	128.69	381.81	314.86	PHASE
586	-5.35	6.82	648	4.26	1.87	.55	.86	.83	.63	.32	.16	AMP
587	-7.43	6.87	648	15.65	162.19	166.82	259.79	325.17	97.84	242.52	298.35	PHASE
588	-9.82	7.39	648	5.67	2.81	.61	.81	.81	.69	.44	.18	AMP
589	-18.76	8.81	648	23.86	169.21	158.29	252.89	334.22	97.58	241.12	297.81	PHASE
590	-11.89	8.76	648	2.59	2.44	.13	1.27	1.88	.58	.62	.18	AMP
591	-1.28	7.96	641	294.78	112.24	313.78	315.87	334.44	146.46	18.43	237.83	PHASE
592	-3.25	7.43	648	2.39	2.89	.86	1.18	.93	.68	.53	.19	AMP
593	-4.81	7.14	639	316.94	128.83	237.69	311.31	336.98	137.73	8.87	228.78	PHASE
594	-6.63	7.87	648	2.66	1.92	.12	1.18	.91	.65	.58	.25	AMP
595	-8.53	7.52	648	339.63	138.95	181.14	385.58	348.78	138.23	3.53	268.21	PHASE
596	-18.38	7.65	639	3.37	1.81	.25	.95	.87	.73	.48	.34	AMP
				1.53	147.42	182.78	382.23	357.42	138.75	358.43	271.74	PHASE
				4.19	1.83	.41	.95	.89	.77	.48	.17	AMP
				18.98	152.72	181.18	289.34	357.61	122.97	344.94	259.88	PHASE
				5.42	2.88	.46	.79	.93	.78	.65	.58	AMP
				16.83	157.79	158.93	264.96	342.56	88.44	314.47	188.61	PHASE
				6.49	1.77	.67	.68	.87	.38	1.88	.14	AMP
				16.24	156.16	185.52	261.17	345.58	86.82	312.26	5.87	PHASE
				3.25	2.87	.32	1.43	1.32	.54	.34	.22	AMP
				298.42	118.88	281.34	314.34	328.22	139.39	6.38	288.86	PHASE
				3.84	2.43	.48	1.32	1.26	.54	.83	.38	AMP
				315.57	121.39	285.64	326.38	344.18	156.28	12.16	313.88	PHASE
				3.89	2.18	.33	1.26	1.17	.48	.88	.49	AMP
				336.47	135.38	299.94	332.18	358.75	177.84	38.18	358.63	PHASE
				3.48	1.88	.27	1.13	1.87	.31	.79	.55	AMP
				351.57	148.79	282.25	319.79	349.52	158.99	19.82	348.76	PHASE
				4.25	1.78	.34	1.18	1.81	.14	.82	.49	AMP
				3.18	148.28	259.85	299.33	332.72	78.77	1.85	322.34	PHASE
				5.46	1.63	.26	1.16	1.88	.58	1.82	.73	AMP
				14.86	163.54	255.36	296.29	325.21	349.46	24.58	336.13	PHASE

PITCH LINK

RUN NO 10												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	1.45	6.64	641	2.55	.57	1.25	1.41	1.78	.49	.78	.26	AMP
579	3.82	7.23	648	177.28	283.16	158.55	98.88	178.44	316.12	61.34	188.44	PHASE
580	4.86	9.25	648	3.22	.38	1.28	1.78	1.74	.41	.62	.25	AMP
581	6.78	11.28	641	194.16	318.61	157.18	182.99	185.84	348.83	65.77	186.82	PHASE
582	8.78	13.42	639	4.49	.39	1.28	1.74	1.79	.42	.76	.34	AMP
583	18.62	16.64	648	286.46	13.74	135.98	188.25	187.83	359.57	59.97	172.81	PHASE
584	.86	8.18	639	6.18	.82	1.25	1.83	1.88	.78	1.17	.52	AMP
585	1.89	9.17	648	211.87	26.94	113.98	181.18	192.28	.32	53.85	155.35	PHASE
586	3.78	18.92	648	8.22	.56	1.44	1.76	1.82	.95	1.87	.87	AMP
587	5.95	13.62	648	288.77	21.57	75.41	79.71	166.56	329.72	27.61	121.17	PHASE
588	7.83	15.61	648	11.22	.55	2.21	1.81	1.92	1.28	1.15	.75	AMP
589	18.19	19.14	648	288.88	348.21	57.82	88.28	171.58	333.61	48.28	111.25	PHASE
590	12.88	22.36	648	3.88	1.27	1.22	2.12	1.83	.31	.92	.51	AMP
591	-1.88	18.48	641	168.79	294.39	172.67	183.88	186.51	385.26	72.91	227.45	PHASE
592	1.81	11.91	648	3.96	1.84	1.84	2.88	2.16	.68	.96	.45	AMP
593	2.75	13.34	639	184.38	297.36	166.13	99.24	196.78	338.72	84.23	216.49	PHASE
594	4.96	15.25	648	4.94	.93	.96	2.36	2.15	.61	1.19	.53	AMP
595	7.78	18.58	648	194.72	388.85	151.46	99.22	287.17	.83	71.63	283.75	PHASE
596	18.87	23.35	639	8.89	.88	.92	2.28	2.19	.74	1.39	.65	AMP
				283.78	321.73	117.75	182.62	221.19	5.89	73.44	211.98	PHASE
				8.98	1.84	1.28	2.18	2.28	.74	1.36	.78	AMP
				284.46	311.98	87.89	99.53	212.21	355.54	67.25	215.62	PHASE
				12.83	1.61	1.96	2.86	2.21	.63	1.18	.96	AMP
				282.94	296.52	59.68	86.28	188.82	5.38	63.32	186.87	PHASE
				15.85	2.42	2.68	2.12	2.15	.73	1.38	.86	AMP
				281.66	278.22	51.71	88.64	188.13	62.18	74.85	166.17	PHASE
				3.78	1.76	1.13	2.88	1.89	.32	1.14	.36	AMP
				166.64	386.68	186.47	187.77	188.84	318.44	51.23	283.88	PHASE
				4.82	1.58	1.18	2.49	1.94	.66	1.47	.46	AMP
				181.75	387.62	181.17	117.94	288.77	21.88	91.63	223.16	PHASE
				5.98	1.61	1.82	2.61	1.76	.78	1.58	.26	AMP
				192.72	328.72	185.45	129.92	215.44	55.17	118.98	215.92	PHASE
				7.68	1.75	.89	2.46	1.51	.61	1.57	.24	AMP
				197.33	315.17	161.31	119.68	281.65	68.46	113.83	31.87	PHASE
				18.25	2.12	1.12	2.75	1.88	.66	1.41	.92	AMP
				198.43	384.18	118.45	189.23	178.77	188.81	185.33	7.27	PHASE
				14.24	2.87	1.82	2.92	2.41	1.12	1.51	1.39	AMP
				283.95	386.88	185.71	116.43	159.65	159.33	127.42	36.44	PHASE

TABLE VIII.- Continued

(e) $\mu = 0.40$; $M_T = 0.62$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CU/SIGMA
597	-.4	2.6	2.2	.01819	.00209	.00137
598	-.1	4.6	4.1	.02849	.00182	.00196
600	-.6	5.1	6.3	.04988	.00189	.00172
601	-1.1	5.7	8.1	.06002	.00224	.00144
602	.9	2.7	4.2	.01134	.00130	.00162
603	.0	4.3	6.1	.02041	.00005	.00206
604	-.7	3.3	8.2	.03525	-.00140	.00277
605	-1.5	6.5	10.3	.04734	-.00293	.00353
606	-2.4	7.8	12.1	.05717	-.00435	.00436
607	-1.9	9.0	13.1	.06141	-.00513	.00496
608	1.0	4.7	8.1	.01284	.00045	.00200
609	.2	5.8	10.2	.02434	-.00168	.00248
610	-.2	6.6	12.2	.04103	-.00441	.00424
611	-1.2	7.9	14.0	.04982	-.00652	.00337
612	-1.9	9.2	16.0	.06166	-.00928	.00663
613	-2.3	9.6	17.0	.06629	-.01004	.00752

TABLE VIII.- Continued

(e) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	41.17	38.87	584	13.38	18.91	18.83	6.89	9.47	2.44	2.51	8.38 AMP
				152.28	334.36	77.83	14.83	133.48	8.81	242.18	189.86 PHASE
598	42.68	39.78	584	14.53	11.84	18.58	6.76	9.29	2.63	2.33	8.21 AMP
				152.57	335.52	74.27	15.84	139.58	9.81	239.41	112.66 PHASE
600	44.23	48.52	584	14.58	18.94	18.27	6.77	8.43	2.54	2.82	8.27 AMP
				148.85	327.42	59.28	356.71	128.87	351.47	286.41	77.83 PHASE
601	45.56	38.84	584	14.53	18.88	9.59	6.68	7.47	2.65	1.86	7.78 AMP
				146.23	326.34	54.76	353.32	128.84	6.68	288.59	73.34 PHASE
602	41.44	31.28	584	12.98	9.58	8.87	4.85	7.77	1.85	1.78	5.41 AMP
				158.91	338.87	64.48	8.48	128.28	1.39	255.42	184.49 PHASE
603	43.18	29.59	585	13.81	9.17	7.76	4.71	7.52	1.85	1.68	4.45 AMP
				152.57	332.81	45.73	358.65	183.64	335.95	236.24	76.54 PHASE
604	44.73	38.38	584	13.28	9.33	7.88	5.87	7.55	1.91	1.44	4.88 AMP
				152.95	337.72	47.71	356.38	116.84	351.68	258.88	97.68 PHASE
605	46.43	28.43	585	13.13	8.88	7.45	4.77	7.21	1.98	1.88	3.97 AMP
				147.92	336.25	37.86	347.21	189.58	348.51	246.33	83.12 PHASE
606	47.77	27.91	585	13.13	8.88	7.88	4.76	6.91	1.87	1.84	4.88 AMP
				141.67	332.98	23.95	332.89	95.16	335.59	224.66	61.45 PHASE
607	48.58	27.68	584	13.34	8.66	6.86	4.73	6.84	2.83	.91	3.98 AMP
				139.44	335.83	19.12	333.31	93.93	348.99	222.59	68.49 PHASE
608	43.61	22.48	588	11.94	7.39	5.81	3.68	6.83	1.52	1.19	1.74 AMP
				157.49	336.91	31.91	1.72	92.28	328.11	251.38	64.26 PHASE
609	45.29	22.67	586	11.96	7.57	5.25	3.91	5.95	1.73	.96	1.59 AMP
				151.81	334.44	22.24	352.39	82.18	319.53	247.68	55.68 PHASE
610	47.17	22.68	584	11.94	7.81	5.62	4.22	6.18	1.67	.76	1.79 AMP
				148.66	348.39	23.96	358.75	91.46	329.21	256.41	76.83 PHASE
611	48.68	22.85	583	11.69	7.57	5.48	4.25	5.86	1.59	.65	1.87 AMP
				141.88	341.31	15.59	353.63	85.89	328.23	247.68	64.48 PHASE
612	58.38	21.75	585	11.58	7.56	5.21	4.25	5.98	1.44	.54	2.88 AMP
				132.73	343.18	2.57	344.28	84.45	329.89	215.18	55.81 PHASE
613	58.87	22.36	584	11.81	7.82	5.34	4.45	5.89	1.38	.42	2.82 AMP
				129.93	343.93	357.88	344.57	86.26	328.88	284.47	55.78 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	49.86	44.67	584	11.56	9.82	9.15	2.69	1.63	6.58	18.17	3.41 AMP
				259.91	153.81	271.21	84.78	162.57	194.88	194.97	177.75 PHASE
598	49.85	58.53	584	14.46	14.62	14.28	4.15	4.48	12.95	13.88	2.87 AMP
				282.98	156.27	279.23	85.43	337.39	288.64	285.62	192.65 PHASE
600	47.29	64.69	584	19.14	19.73	18.54	5.43	5.4	14.96	15.53	3.89 AMP
				386.47	154.78	267.28	71.45	348.22	188.31	182.22	157.49 PHASE
601	45.72	78.86	584	25.55	23.46	22.82	7.38	2.64	16.52	15.86	3.48 AMP
				328.48	159.98	264.18	78.62	1.78	193.17	192.32	163.81 PHASE
602	48.98	39.73	584	8.51	18.78	18.38	4.16	.78	6.17	7.37	3.84 AMP
				269.92	147.66	288.79	89.39	114.51	284.35	218.58	176.63 PHASE
603	49.31	45.61	585	18.81	14.43	13.76	4.75	1.33	7.61	9.19	2.74 AMP
				282.59	145.83	267.52	64.88	272.65	168.75	173.84	156.69 PHASE
604	49.97	58.79	584	14.86	19.85	19.86	6.78	2.88	9.85	11.41	3.17 AMP
				319.22	168.85	266.29	75.16	384.87	196.87	194.58	182.34 PHASE
605	58.79	59.89	585	21.44	21.88	24.15	8.38	2.54	9.36	12.58	3.82 AMP
				334.47	164.39	258.69	66.92	383.36	284.18	198.88	185.64 PHASE
606	51.24	69.23	585	28.56	23.34	28.72	9.62	1.82	9.67	12.53	3.13 AMP
				338.17	165.58	252.12	61.19	381.28	199.74	178.15	175.64 PHASE
607	51.18	83.43	584	37.75	24.26	31.62	18.89	2.87	18.53	12.81	3.83 AMP
				343.64	169.29	253.92	63.27	285.64	289.55	181.73	176.88 PHASE
608	48.57	34.13	588	5.49	18.28	18.75	4.92	1.38	2.74	5.22	1.34 AMP
				288.84	147.65	266.32	68.87	333.25	147.75	167.89	133.87 PHASE
609	58.35	41.96	586	18.84	14.58	15.86	7.48	2.49	4.47	7.16	1.71 AMP
				329.94	157.28	258.23	49.32	278.54	172.69	152.36	141.11 PHASE
610	52.33	66.38	584	23.82	18.34	23.19	9.94	2.65	3.89	7.71	2.81 AMP
				357.84	172.31	254.46	63.83	295.69	259.15	179.57	282.78 PHASE
611	53.25	78.67	583	32.22	13.89	27.97	11.85	2.18	3.21	6.64	1.96 AMP
				.38	173.29	251.28	64.96	269.84	259.59	181.38	222.57 PHASE
612	54.75	59.28	585	47.28	19.95	33.89	12.41	2.86	1.68	6.46	2.89 AMP
				1.15	184.51	249.92	63.46	241.68	242.88	167.37	282.94 PHASE
613	54.88	111.83	584	53.86	21.59	37.52	13.41	3.18	1.89	7.89	2.19 AMP
				4.34	189.68	252.92	66.63	237.88	382.85	164.43	218.95 PHASE

TABLE VIII.- Continued

(e) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	4.32	14.77	584	4.25	3.15	.42	2.12	2.18	1.49	.81	2.85 AMP
				385.74	155.81	173.12	357.95	88.66	198.48	57.89	164.66 PHASE
598	2.62	18.98	584	3.88	2.84	.42	2.38	2.53	2.53	.59	2.88 AMP
				319.21	165.59	217.19	347.98	188.44	286.43	79.97	175.23 PHASE
600	.27	11.13	584	3.79	2.81	.77	2.48	2.58	1.26	.72	2.15 AMP
				337.22	166.88	236.64	326.24	94.99	182.19	57.93	145.38 PHASE
601	-1.86	12.88	584	4.45	2.94	1.15	2.51	2.56	.92	.68	2.83 AMP
				353.48	172.22	252.41	322.29	92.37	188.95	64.86	147.45 PHASE
602	3.67	8.63	584	3.47	2.38	.48	1.82	2.82	1.89	.68	1.45 AMP
				294.37	145.16	326.85	348.56	88.54	178.84	34.85	168.68 PHASE
603	2.88	7.67	585	3.88	1.88	.63	1.82	2.27	1.83	.51	1.23 AMP
				384.65	149.11	384.19	327.11	68.55	159.83	15.85	144.51 PHASE
604	.88	7.88	584	2.76	1.73	1.84	1.88	2.48	1.14	.42	1.42 AMP
				328.41	169.17	384.25	329.15	81.33	171.39	51.73	172.64 PHASE
605	-1.83	8.41	585	2.97	1.78	1.38	1.81	2.53	1.88	.72	1.21 AMP
				347.72	178.43	292.72	321.41	88.82	167.79	26.36	155.19 PHASE
606	-3.52	9.58	585	3.37	1.84	1.68	1.89	2.53	1.85	.81	1.36 AMP
				.14	186.89	281.64	314.38	72.22	159.27	358.11	125.22 PHASE
607	-4.57	18.26	584	3.98	1.96	1.78	2.88	2.53	1.18	.73	1.47 AMP
				8.55	188.79	281.46	317.29	78.55	168.79	358.47	118.84 PHASE
608	1.52	6.18	588	2.51	1.86	1.18	1.42	1.94	.78	.25	.71 AMP
				292.49	155.13	316.94	331.78	44.99	153.64	37.85	144.77 PHASE
609	-.27	5.95	586	2.12	.98	1.38	1.36	2.18	.98	.19	.73 AMP
				314.13	177.45	299.44	318.63	43.29	153.32	7.18	137.78 PHASE
610	-2.47	6.99	584	2.48	1.27	1.56	1.51	2.14	.98	.55	.76 AMP
				358.29	195.54	388.58	331.67	62.73	173.88	2.28	148.84 PHASE
611	-4.18	7.15	583	3.84	1.52	1.69	1.62	1.99	.97	.47	.89 AMP
				4.63	283.43	293.84	327.58	62.37	178.38	357.78	128.48 PHASE
612	-6.26	9.11	585	4.22	1.82	2.88	1.66	2.87	1.84	.63	1.83 AMP
				16.41	285.83	281.76	328.53	66.72	187.75	347.88	118.82 PHASE
613	-7.18	12.11	584	4.77	2.88	2.28	1.64	2.11	1.18	.68	1.89 AMP
				28.98	289.48	283.48	325.84	72.98	194.88	356.89	111.71 PHASE

TABLE VIII.- Continued

(e) Continued

FLAPWISE 37 PERCENT RADIUS												
PT NO	RUN NO 18		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
597	22.25	36.79	584	18.58	15.88	11.92	5.91	4.38	.91	.48	2.87	AMP
598	23.75	37.98	584	146.78	337.84	73.33	1.93	144.89	9.41	282.95	285.55	PHASE
				19.75	15.44	12.11	5.68	4.26	.93	.54	1.97	AMP
600	25.26	38.96	584	146.99	338.18	71.26	4.87	153.32	14.54	288.52	288.77	PHASE
				28.93	15.53	12.68	5.22	3.66	.85	.78	2.85	AMP
601	26.51	39.28	584	143.88	329.64	56.68	349.88	136.62	366.88	249.57	254.46	PHASE
				21.88	15.65	12.53	4.81	3.14	.88	.66	1.98	AMP
602	23.62	38.29	584	142.78	328.66	52.99	348.65	138.87	18.88	253.52	252.54	PHASE
				16.71	13.18	9.55	4.17	7.66	.85	.27	1.36	AMP
603	25.27	29.84	585	148.68	348.16	66.36	355.87	7.27	8.14	288.91	286.73	PHASE
				17.84	12.98	9.54	3.96	.66	.82	.31	1.18	AMP
604	26.79	31.12	584	144.84	333.91	58.18	339.87	33	337.72	256.41	258.33	PHASE
				18.21	13.56	18.19	4.18	51	.81	.53	1.28	AMP
605	28.48	38.84	585	146.24	339.74	53.81	348.86	128.93	353.21	261.71	288.83	PHASE
				18.69	13.22	18.42	3.89	3.33	.71	.62	1.14	AMP
606	29.72	31.89	585	144.13	337.72	47.28	341.87	113.41	348.71	249.29	264.84	PHASE
				19.26	13.43	18.68	3.73	3.21	.63	.64	1.18	AMP
607	38.58	31.55	584	148.94	333.72	38.89	329.85	96.75	318.66	237.29	243.68	PHASE
				19.75	13.42	18.71	3.52	3.22	.75	.66	1.16	AMP
608	26.74	22.78	588	148.48	334.24	36.61	326.47	94.21	312.89	242.98	244.82	PHASE
				14.67	18.34	6.63	2.76	3.18	.54	.22	.52	AMP
609	28.21	23.49	586	145.66	339.51	45.85	346.38	92.52	317.83	264.14	244.55	PHASE
				15.52	18.84	7.31	2.87	3.86	.52	.25	.44	AMP
610	29.87	25.38	584	142.94	336.61	37.37	348.44	82.21	314.88	243.48	239.45	PHASE
				16.73	11.66	8.52	3.82	3.21	.45	.43	.57	AMP
611	31.32	26.17	583	144.63	341.75	42.39	346.86	98.74	298.33	258.54	258.33	PHASE
				17.88	11.53	8.79	2.98	3.87	.56	.49	.67	AMP
612	33.85	25.78	585	143.81	342.33	38.61	343.96	88.37	288.95	251.81	248.67	PHASE
				17.66	11.62	9.11	2.81	3.83	.61	.51	.74	AMP
613	33.62	26.72	584	141.88	341.48	34.52	337.88	78.63	273.82	264.44	234.89	PHASE
				18.32	12.28	9.31	2.88	3.89	.65	.56	.75	AMP
				148.98	342.44	34.98	339.88	79.82	266.92	266.83	237.84	PHASE

CHORDWISE 37 PERCENT RADIUS												
PT NO	RUN NO 18		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
597	23.64	41.22	584	11.35	7.65	5.59	4.23	2.33	9.55	16.58	6.37	AMP
598	22.78	58.88	584	266.98	143.91	287.56	75.63	171.73	288.66	194.25	249.84	PHASE
				14.27	12.14	18.13	6.77	1.13	18.19	21.88	6.99	AMP
600	21.22	64.45	584	284.98	158.99	296.35	83.62	258.12	282.85	286.49	259.71	PHASE
				18.68	16.34	13.85	9.68	1.33	28.56	25.38	6.76	AMP
601	19.23	71.95	584	383.45	151.87	286.85	78.39	235.74	182.17	183.13	22.44	PHASE
				24.39	19.98	17.52	12.88	2.41	22.96	25.83	7.11	AMP
602	23.26	36.82	584	321.54	158.18	285.16	71.17	321.85	194.17	195.58	214.25	PHASE
				8.84	8.53	6.85	5.78	.59	8.58	12.94	3.87	AMP
603	22.98	43.38	585	274.12	142.49	293.98	78.38	161.68	287.88	218.78	232.86	PHASE
				9.78	11.36	9.62	7.24	1.97	18.19	15.39	4.18	AMP
604	23.88	47.23	584	283.38	143.17	281.67	59.12	258.79	169.58	175.94	285.51	PHASE
				13.36	15.18	13.48	18.19	2.74	12.25	19.58	4.53	AMP
605	23.18	56.44	585	311.76	158.81	288.56	71.54	285.95	198.96	198.82	221.85	PHASE
				19.89	16.94	17.37	12.56	3.39	13.88	21.52	5.84	AMP
606	22.96	66.76	585	324.74	163.15	272.78	65.39	286.67	287.93	194.88	286.85	PHASE
				24.58	18.94	21.87	14.77	2.45	14.16	21.44	5.81	AMP
607	22.46	77.72	584	328.62	164.65	266.93	58.86	284.17	284.66	182.28	193.42	PHASE
				31.22	19.82	23.71	16.26	2.77	15.98	28.23	5.91	AMP
608	22.16	38.17	588	334.94	168.98	268.95	68.68	277.67	214.54	186.48	198.94	PHASE
				5.37	8.82	6.97	6.79	1.22	3.29	9.86	1.25	AMP
609	23.24	39.48	586	283.88	149.71	283.51	61.48	326.58	144.28	169.83	182.17	PHASE
				9.23	11.39	18.14	18.82	2.82	5.61	12.34	1.84	AMP
610	24.28	61.87	584	319.96	159.87	263.85	48.31	266.46	178.68	157.57	156.86	PHASE
				18.26	14.56	16.58	13.58	3.82	5.25	13.58	3.57	AMP
611	24.49	78.88	583	347.78	172.96	266.29	62.28	286.26	258.13	187.55	213.36	PHASE
				24.38	15.25	28.27	15.28	2.36	5.93	11.61	4.18	AMP
612	24.79	88.17	585	358.87	178.75	262.67	62.38	266.61	258.26	192.22	288.65	PHASE
				35.62	16.52	25.89	17.64	2.82	4.19	18.31	4.74	AMP
613	24.51	97.87	584	352.46	184.64	261.55	59.68	235.82	248.25	179.51	198.56	PHASE
				48.53	18.14	28.25	19.19	3.21	3.63	18.83	5.88	AMP
				355.74	189.56	264.86	62.38	233.19	273.15	176.42	218.88	PHASE

TABLE VIII.- Continued

(e) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	3.42	18.22	584	4.61	3.48	.64	1.74	1.82	1.23	.77	1.48 AMP
				324.83	133.26	167.29	327.63	58.31	158.13	18.81	117.86 PHASE
598	1.74	18.21	584	4.42	3.16	.69	1.95	2.12	1.26	.61	1.51 AMP
				317.81	139.12	198.72	318.41	61.12	166.99	26.23	128.67 PHASE
600	-.57	18.39	584	4.51	2.98	.98	1.96	2.88	1.84	.74	1.59 AMP
				338.66	137.98	198.42	296.82	45.34	144.25	4.58	99.77 PHASE
601	-2.65	11.15	584	5.13	2.99	1.26	2.85	2.89	.73	.66	1.54 AMP
				343.67	141.92	211.87	293.34	53.95	152.76	11.64	182.27 PHASE
602	2.67	8.57	584	3.88	2.85	.35	1.54	1.73	.91	.65	1.85 AMP
				297.89	121.17	254.14	315.79	41.26	139.84	351.26	112.34 PHASE
603	1.13	7.88	585	3.59	2.32	.49	1.56	1.95	.88	.54	.91 AMP
				307.64	119.59	243.12	295.12	21.98	119.33	338.72	94.58 PHASE
604	-.86	7.74	584	3.58	2.87	.84	1.63	2.13	.97	.46	1.88 AMP
				328.29	133.88	255.34	297.45	41.47	131.71	2.61	124.33 PHASE
605	-2.72	8.38	585	3.86	1.87	1.86	1.56	2.17	.85	.69	.91 AMP
				342.85	148.84	248.21	298.67	39.85	126.53	341.17	185.45 PHASE
606	-4.38	8.93	585	4.27	1.85	1.34	1.63	2.16	.98	.75	1.83 AMP
				358.79	147.85	239.48	283.81	32.88	117.37	314.27	74.45 PHASE
607	-5.38	9.86	584	4.77	1.94	1.45	1.78	2.15	.93	.69	1.18 AMP
				357.51	151.84	248.64	287.33	38.18	127.25	388.71	66.51 PHASE
608	.56	6.86	588	3.83	1.43	.72	1.26	1.68	.62	.29	.53 AMP
				382.11	115.68	277.77	298.43	6.47	114.75	346.48	93.63 PHASE
609	-1.19	6.31	586	2.94	1.18	.93	1.22	1.98	.76	.23	.55 AMP
				328.18	127.16	258.97	286.72	4.81	112.69	328.64	84.74 PHASE
610	-3.33	7.86	581	3.41	1.23	1.13	1.31	1.88	.79	.51	.58 AMP
				345.29	151.26	261.33	299.71	23.93	132.49	316.99	94.35 PHASE
611	-4.89	7.31	583	3.95	1.32	1.25	1.42	1.77	.82	.44	.67 AMP
				355.38	163.46	256.29	296.59	22.66	137.33	311.23	75.42 PHASE
612	-6.98	9.11	585	4.97	1.59	1.54	1.42	1.78	.91	.57	.88 AMP
				4.78	173.23	245.36	289.48	27.39	147.53	299.33	57.87 PHASE
613	-7.84	18.85	584	5.51	1.79	1.73	1.39	1.82	.97	.61	.84 AMP
				8.98	178.18	248.37	295.86	33.72	152.56	387.88	58.36 PHASE

TABLE VIII.- Continued

(e) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPII	1P	2P	3P	4P	5P	6P	7P	8P	
597	5.48	53.25	584	24.85	19.78	13.38	1.95	4.76	2.55	2.22	7.87	AMP
				141.37	338.63	63.61	18.41	388.58	185.97	57.53	281.92	PHASE
598	7.87	54.41	584	25.97	28.25	13.83	1.85	4.81	2.64	2.12	7.88	AMP
				142.51	339.86	63.84	22.62	383.72	187.25	53.28	286.21	PHASE
600	8.88	54.87	584	27.56	28.68	14.85	1.86	4.51	2.28	1.79	7.99	AMP
				139.58	338.42	58.86	7.33	283.98	166.77	23.15	251.98	PHASE
601	18.43	54.79	584	28.93	28.78	15.16	1.88	4.23	2.14	1.61	7.48	AMP
				139.67	329.58	47.45	18.78	283.16	178.77	19.18	248.88	PHASE
602	7.66	44.83	584	22.17	17.56	11.21	1.77	3.85	1.71	1.58	5.15	AMP
				148.96	341.85	68.75	3.44	292.49	173.28	62.76	277.89	PHASE
603	9.68	42.69	585	22.63	17.21	11.56	1.82	3.69	1.58	1.46	4.15	AMP
				137.23	334.37	46.36	351.59	274.52	142.48	48.54	251.36	PHASE
604	11.34	45.15	584	24.16	18.86	12.61	1.83	3.95	1.66	1.29	4.59	AMP
				148.43	348.17	51.66	4.79	288.18	158.62	51.18	271.91	PHASE
605	13.16	44.17	585	24.88	17.85	13.19	1.98	3.76	1.54	.92	3.79	AMP
				139.48	337.68	46.94	359.22	288.58	152.85	48.38	257.82	PHASE
606	14.81	44.85	585	25.81	18.18	13.79	1.86	3.57	1.53	.89	3.88	AMP
				136.92	333.77	48.18	349.88	267.24	138.21	18.87	237.18	PHASE
607	15.82	45.39	584	26.41	18.37	13.96	1.63	3.42	1.48	.73	3.98	AMP
				137.18	333.52	39.68	348.49	266.35	143.56	12.62	235.52	PHASE
608	11.88	33.88	588	19.41	14.11	8.15	1.38	2.71	1.88	.88	1.68	AMP
				138.45	338.27	41.63	319.87	278.26	145.85	58.87	238.75	PHASE
609	13.55	34.23	586	28.55	14.63	9.28	1.22	2.88	1.15	.64	1.51	AMP
				136.76	335.11	35.93	314.88	268.64	138.66	46.17	238.75	PHASE
610	15.36	37.19	584	22.31	15.63	11.88	1.22	2.86	1.26	.45	1.71	AMP
				139.67	339.75	42.99	316.78	268.76	144.77	56.82	249.64	PHASE
611	17.14	37.28	583	22.91	15.42	11.58	1.18	2.65	1.13	.31	1.87	AMP
				139.16	339.33	48.85	384.87	266.48	148.66	43.21	237.68	PHASE
612	19.28	38.88	585	23.97	15.66	12.45	1.86	2.68	.99	.39	2.18	AMP
				138.68	337.74	37.86	386.11	265.24	148.42	354.98	238.19	PHASE
613	19.87	48.87	584	24.92	16.41	12.87	1.84	2.56	.99	.34	2.85	AMP
				139.17	339.23	48.21	385.14	266.51	151.52	335.16	231.64	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	4.81	47.78	584	12.54	8.43	4.22	4.86	2.25	9.63	19.84	8.14	AMP
				285.82	147.38	297.98	84.85	178.29	289.58	197.58	267.71	PHASE
598	3.92	61.63	584	15.84	11.72	7.71	7.13	1.71	18.62	24.84	8.67	AMP
				295.68	153.64	387.81	89.83	253.86	287.43	218.65	275.14	PHASE
600	2.72	67.72	584	28.88	15.17	11.88	18.52	2.83	21.11	28.75	8.88	AMP
				385.88	152.73	298.54	74.56	234.52	187.78	187.56	239.21	PHASE
601	.78	77.25	584	26.21	17.86	14.87	14.85	2.35	23.98	29.41	8.46	AMP
				316.52	157.27	298.82	72.86	298.35	288.41	288.18	229.66	PHASE
602	3.64	48.27	584	9.31	8.55	5.85	5.77	.58	8.82	15.85	4.48	AMP
				292.72	149.73	383.22	82.79	229.86	215.31	214.82	254.98	PHASE
603	3.24	42.98	585	11.36	18.75	7.31	7.68	2.68	18.27	17.76	4.44	AMP
				295.27	148.23	292.18	63.79	253.35	175.18	188.31	223.89	PHASE
604	3.83	49.98	584	15.49	13.95	18.31	18.91	3.51	12.76	22.46	4.67	AMP
				312.23	161.72	292.48	75.91	283.75	285.96	282.25	238.44	PHASE
605	2.68	59.24	585	28.14	15.28	13.28	13.48	4.18	13.88	24.77	5.27	AMP
				319.74	165.11	284.89	68.21	281.55	215.68	198.24	217.25	PHASE
606	1.89	66.67	585	24.72	16.72	16.31	16.88	3.16	15.52	24.59	6.38	AMP
				321.85	165.83	279.64	68.38	271.58	212.68	186.81	281.76	PHASE
607	1.21	76.78	584	29.62	17.42	18.77	17.62	3.45	17.83	23.85	6.67	AMP
				327.16	169.19	281.37	61.57	266.85	221.95	191.14	198.32	PHASE
608	2.28	32.84	588	7.28	7.76	5.26	7.27	1.67	3.87	18.48	1.15	AMP
				299.14	157.39	296.36	63.78	297.97	144.98	175.68	285.24	PHASE
609	2.68	39.51	586	18.98	18.63	7.59	18.58	3.57	5.68	13.98	1.64	AMP
				315.98	163.46	276.26	51.78	263.87	175.75	162.83	163.23	PHASE
610	2.97	63.29	584	17.63	13.33	12.48	14.15	3.64	6.38	15.55	3.95	AMP
				335.56	175.82	278.23	64.17	278.91	263.82	192.94	228.48	PHASE
611	2.68	78.52	593	22.23	13.92	15.39	16.87	3.82	7.21	13.36	4.75	AMP
				339.76	179.58	274.46	63.98	268.77	263.58	198.15	213.42	PHASE
612	1.88	88.86	585	37.86	14.88	19.33	18.97	2.82	5.64	11.52	5.58	AMP
				342.87	183.98	273.52	68.62	232.88	255.51	186.15	199.74	PHASE
613	1.38	88.27	584	34.57	15.17	22.83	28.61	3.92	5.34	11.87	5.98	AMP
				344.83	188.47	276.67	63.88	233.12	274.94	182.84	212.49	PHASE

TABLE VIII.- Continued

(e) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	4.24	10.97	584	4.49	3.67	.66	1.75	1.61	1.32	.82	1.55
				307.59	137.46	199.56	354.87	78.56	182.85	45.88	184.39
598	2.61	10.76	584	4.33	3.35	.78	1.79	1.84	1.37	.67	1.71
				328.74	142.58	217.38	348.51	87.85	198.94	58.87	194.64
600	.38	10.27	584	4.33	3.11	.94	1.65	1.78	1.18	.75	1.85
				335.26	141.68	217.24	326.42	78.47	178.65	48.42	164.11
601	-1.61	10.34	584	4.87	3.85	1.21	1.61	1.78	.82	.68	1.88
				348.57	146.68	222.31	328.48	78.42	191.89	44.55	164.88
602	3.51	9.87	584	3.78	3.28	.29	1.51	1.64	1.88	.65	1.11
				303.11	125.57	269.33	343.84	68.52	174.47	32.75	177.68
603	2.81	8.29	585	3.41	2.65	.38	1.44	1.84	.96	.55	1.82
				313.58	123.16	256.83	324.68	48.33	153.88	16.14	159.26
604	.87	7.94	584	3.44	2.36	.66	1.48	1.99	1.81	.44	1.22
				334.89	136.48	262.88	327.63	66.68	167.34	44.68	186.85
605	-1.72	8.31	585	3.78	2.89	.81	1.25	2.83	.89	.65	.98
				349.58	143.68	252.29	328.28	64.98	162.93	22.55	164.67
606	-3.32	9.31	585	4.15	2.82	1.84	1.26	2.86	.98	.73	1.85
				358.61	158.38	242.86	312.46	55.84	152.93	353.19	138.33
607	-4.26	9.69	584	4.68	2.11	1.13	1.41	2.88	.96	.69	1.89
				5.87	155.33	243.87	315.56	61.52	164.23	346.74	119.48
608	1.45	6.86	588	2.88	1.77	.52	1.28	1.68	.64	.34	.63
				311.58	115.63	293.54	329.88	34.77	147.34	31.19	149.93
609	-.24	6.44	586	2.88	1.41	.68	1.89	1.84	.79	.24	.68
				330.75	125.38	268.72	317.12	38.63	147.48	3.52	141.81
610	-2.38	7.37	584	3.35	1.35	.83	1.11	1.85	.81	.58	.59
				355.53	151.51	265.47	328.83	49.86	167.48	358.96	145.66
611	-3.91	7.66	583	3.88	1.38	.92	1.18	1.78	.84	.45	.68
				5.22	167.77	258.36	323.37	46.55	171.93	343.24	125.31
612	-5.88	9.81	585	4.91	1.67	1.21	1.21	1.84	.93	.63	.81
				14.27	173.67	247.48	317.34	58.38	188.98	332.31	184.32
613	-6.64	18.16	584	5.48	1.86	1.36	1.21	1.87	1.88	.67	.89
				18.84	184.23	249.84	323.55	56.76	186.47	338.61	184.58

TABLE VIII.- Continued

(e) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 10											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	-10.81	49.85	584	20.85	17.93	11.81	6.75	6.46	3.88	2.35	9.61 AMP
598	-7.52	51.37	584	132.65	335.18	38.55	189.96	328.97	25.77	271.67	182.65 PHASE
600	-4.28	52.89	584	28.37	18.45	11.34	6.59	6.58	2.87	2.13	9.68 AMP
601	-1.31	53.31	584	136.37	337.23	39.88	191.77	338.86	28.13	265.38	186.93 PHASE
602	-7.67	43.88	584	28.62	18.92	12.35	5.81	5.75	2.68	1.68	9.79 AMP
603	-5.17	41.82	585	137.26	338.11	28.96	176.15	312.45	8.85	254.81	78.75 PHASE
604	-2.31	45.71	584	29.68	19.48	12.55	5.18	5.25	2.12	1.41	9.81 AMP
605	.52	45.25	585	148.23	331.28	27.75	171.12	313.66	355.48	256.13	65.92 PHASE
606	3.11	46.67	585	25.20	16.45	8.82	5.33	6.46	1.58	1.93	6.78 AMP
607	4.68	40.25	584	132.39	334.47	35.78	186.28	298.85	358.98	258.29	99.37 PHASE
608	-2.87	35.24	588	24.89	16.26	8.23	5.87	6.73	1.48	1.88	5.44 AMP
609	-4.48	36.56	586	131.91	329.25	28.88	172.28	282.14	319.56	234.87	72.55 PHASE
610	2.61	48.48	584	25.68	17.82	9.13	5.32	6.53	1.41	1.45	6.88 AMP
611	5.22	48.71	583	138.18	336.82	28.67	188.41	294.94	338.31	244.69	93.17 PHASE
612	8.47	42.46	585	25.78	17.38	9.68	4.59	6.59	1.56	.99	5.12 AMP
613	9.65	44.52	584	148.11	336.89	23.85	172.33	298.35	328.81	239.94	77.98 PHASE
				26.29	17.96	18.88	4.28	6.57	1.54	.88	5.23 AMP
				148.42	333.36	16.98	168.19	275.15	386.27	214.85	56.69 PHASE
				26.78	18.59	18.12	4.14	6.66	1.23	.71	5.24 AMP
				142.24	333.69	15.79	159.73	273.84	387.98	282.18	55.15 PHASE
				22.53	13.41	5.32	4.88	6.57	.34	.96	2.87 AMP
				133.32	333.38	18.57	183.53	265.86	383.19	238.32	68.48 PHASE
				23.85	14.88	6.19	4.64	6.55	.55	.69	2.83 AMP
				134.81	332.78	8.17	174.15	256.18	268.58	217.91	53.82 PHASE
				23.95	15.23	7.53	4.56	6.72	.67	.38	2.27 AMP
				141.23	339.21	19.81	179.84	266.92	319.86	222.89	71.28 PHASE
				24.26	15.42	8.86	4.42	6.58	.51	.23	2.52 AMP
				143.39	339.92	17.42	175.13	258.47	352.82	161.79	58.63 PHASE
				25.17	16.31	8.75	4.15	6.45	.46	.68	2.84 AMP
				145.76	339.98	16.54	163.51	257.71	8.31	139.14	49.59 PHASE
				26.82	17.28	9.11	6.58	6.58	.64	.58	2.73 AMP
				147.72	342.18	19.83	165.44	268.18	18.47	123.84	58.38 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 10											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	-15.49	28.88	584	7.72	5.58	5.71	2.48	2.74	2.71	8.26	1.88 AMP
598	-15.85	32.64	584	158.59	336.89	35.61	158.21	294.53	289.97	196.58	248.71 PHASE
600	-13.83	34.81	584	6.84	4.86	6.33	3.38	3.71	6.38	18.51	1.83 AMP
601	-12.23	38.49	584	157.82	337.42	27.82	128.49	382.34	282.72	289.88	257.33 PHASE
602	-13.31	24.48	584	5.12	4.15	7.44	4.52	3.69	7.52	12.19	.43 AMP
603	-14.29	25.81	585	163.95	325.96	18.91	98.12	277.98	184.88	185.67	227.89 PHASE
604	-14.28	34.87	584	3.33	3.98	8.38	6.12	4.84	9.17	12.48	.84 AMP
605	-12.91	32.97	585	174.35	323.46	4.87	87.43	287.88	281.88	198.79	215.38 PHASE
606	-11.26	36.18	585	7.23	4.78	4.64	2.43	3.47	3.19	7.85	.59 AMP
607	-18.17	38.28	584	143.93	334.62	27.73	126.86	287.78	222.96	211.46	153.81 PHASE
608	-12.18	18.83	588	6.38	3.99	5.12	2.92	4.48	3.53	8.85	.65 AMP
609	-13.21	24.74	586	145.57	328.14	6.88	94.31	267.65	177.95	178.79	158.92 PHASE
610	-13.11	24.28	584	4.98	3.56	5.72	4.39	5.88	4.74	18.81	.91 AMP
611	-11.82	24.91	583	153.84	338.89	6.88	95.19	283.54	218.84	198.94	147.54 PHASE
612	-9.36	31.76	584	3.17	3.38	6.38	5.58	8.33	5.53	18.82	1.29 AMP
				159.76	325.84	385.11	88.33	278.28	221.64	194.45	153.34 PHASE
				7.75	3.43	7.26	6.63	5.82	6.57	18.69	1.42 AMP
				178.49	328.17	345.28	68.88	264.91	218.82	183.11	152.25 PHASE
				.76	3.65	7.97	7.21	5.18	7.77	9.94	1.72 AMP
				236.74	317.71	348.99	69.81	263.22	224.52	187.11	158.54 PHASE
				6.46	3.53	3.89	2.26	3.93	.85	4.78	.33 AMP
				142.23	326.68	1.84	92.67	266.18	146.88	173.38	69.21 PHASE
				5.15	3.88	4.13	3.42	4.81	2.18	6.13	.75 AMP
				142.22	319.69	358.27	69.51	253.14	188.61	159.52	88.68 PHASE
				3.12	3.15	5.28	5.81	4.95	3.85	5.88	.98 AMP
				138.56	321.54	348.24	76.33	264.82	267.75	188.72	187.26 PHASE
				1.53	3.31	5.84	5.95	4.69	3.44	5.79	1.27 AMP
				138.39	328.52	339.97	73.71	254.78	264.84	193.12	185.16 PHASE
				1.38	3.86	7.85	7.58	4.54	2.86	5.83	1.66 AMP
				346.85	317.66	333.48	67.67	246.53	258.72	188.63	169.19 PHASE
				2.24	4.24	7.86	8.16	5.88	2.93	5.82	1.72 AMP
				341.62	315.78	332.57	69.82	246.72	276.16	176.96	188.86 PHASE

TABLE VIII.- Continued

(e) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	1.44	10.36	584	4.36 291.33	4.06 129.41	.75 247.59	1.31 16.22	1.12 59.95	1.16 203.07	.78 89.80	.92 235.93 AMP PHASE
598	.08	10.79	584	3.93 303.04	3.78 135.37	.01 255.11	1.24 18.02	1.11 61.66	1.25 210.68	.73 93.82	1.09 238.92 AMP PHASE
600	-1.81	10.13	584	3.50 318.03	3.54 135.08	.94 241.20	1.02 6.17	1.07 30.50	1.05 190.68	.78 70.13	1.22 200.63 AMP PHASE
601	-3.42	10.10	584	3.47 335.61	3.43 143.23	1.00 234.40	.00 5.71	.99 30.46	.07 193.69	.78 67.03	1.30 193.62 AMP PHASE
602	.91	8.34	584	3.77 265.13	3.50 124.09	.54 275.70	1.14 4.22	1.06 50.34	.87 109.59	.55 83.21	.62 229.32 AMP PHASE
603	-.40	7.97	585	3.17 292.65	3.12 122.62	.50 262.24	1.17 350.53	1.13 20.94	.01 159.04	.50 50.40	.52 204.13 AMP PHASE
604	-2.06	7.66	584	2.77 314.45	2.05 136.03	.65 262.39	1.05 2.21	1.20 42.37	.03 175.94	.55 87.74	.69 225.30 AMP PHASE
605	-3.58	7.56	585	2.67 332.00	2.63 145.07	.69 240.04	.09 4.00	1.20 39.50	.75 164.04	.56 64.70	.44 200.21 AMP PHASE
606	-4.90	7.53	585	2.87 347.14	2.61 150.01	.78 226.06	.03 348.62	1.24 29.66	.74 147.20	.55 34.53	.36 159.44 AMP PHASE
607	-5.64	7.33	584	3.22 356.73	2.70 156.79	.74 220.02	.00 346.04	1.24 33.52	.75 153.00	.50 34.94	.32 140.16 AMP PHASE
608	-.76	5.62	588	2.69 209.00	2.19 121.51	.40 270.03	1.04 344.05	1.05 23.33	.46 156.12	.32 51.44	.23 170.77 AMP PHASE
609	-2.21	5.70	586	2.27 303.18	1.92 132.73	.54 251.97	.95 338.73	1.13 15.91	.61 143.46	.21 42.24	.21 172.53 AMP PHASE
610	-4.00	6.35	584	2.36 340.67	1.96 150.25	.65 243.91	.08 349.07	1.10 33.37	.62 154.22	.24 24.74	.13 146.00 AMP PHASE
611	-5.25	6.09	583	2.69 356.99	2.02 160.59	.69 231.91	.85 341.15	1.18 29.17	.61 156.93	.21 15.05	.21 131.94 AMP PHASE
612	-6.91	7.19	585	3.51 11.65	2.37 177.93	.03 217.30	.00 332.68	1.18 29.42	.62 158.69	.31 337.15	.27 105.59 AMP PHASE
613	-7.61	7.91	584	3.98 17.00	2.58 102.31	.00 217.34	.79 338.31	1.19 35.02	.67 162.41	.35 336.25	.32 95.72 AMP PHASE

PITCH LINK											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	-3.94	12.00	584	3.16 130.75	2.26 2.02	1.06 239.66	2.65 173.43	2.72 271.57	1.47 2.43	.11 213.97	2.06 300.66 AMP PHASE
598	-2.33	12.40	584	2.27 166.23	2.13 17.90	.92 224.21	3.07 165.22	3.30 201.06	1.52 22.18	.06 15.36	2.79 309.62 AMP PHASE
600	-.36	15.01	584	3.10 103.71	2.36 16.96	.73 100.37	3.16 141.67	3.31 263.70	1.30 355.17	.20 279.02	2.92 274.16 AMP PHASE
601	1.51	15.72	584	4.31 194.42	2.71 22.50	1.01 153.73	3.23 130.90	3.21 269.72	1.02 .31	.37 300.46	2.72 273.00 AMP PHASE
602	-2.09	9.50	584	1.77 105.20	1.29 5.64	1.50 193.30	2.10 165.23	2.45 260.29	.99 347.17	.47 147.60	2.05 301.79 AMP PHASE
603	-1.47	8.70	585	1.09 139.05	1.30 24.30	1.56 170.00	2.23 144.77	2.05 237.96	.99 329.36	.36 96.34	1.60 201.07 AMP PHASE
604	.19	10.01	584	1.62 107.26	1.59 41.91	1.69 166.07	2.43 144.23	3.12 256.40	1.15 339.30	.14 70.02	1.72 302.50 AMP PHASE
605	1.05	11.04	585	2.49 200.02	1.00 45.36	1.04 151.00	2.42 137.93	3.22 255.70	.09 343.31	.31 177.13	1.57 205.93 AMP PHASE
606	3.26	11.00	585	3.49 216.57	2.36 44.07	2.00 133.50	2.54 131.26	3.22 246.54	.95 339.63	.41 149.06	1.83 266.62 AMP PHASE
607	4.15	12.79	584	4.35 226.24	2.53 46.37	2.29 123.92	2.74 136.91	3.31 250.32	.98 340.33	.32 119.73	2.00 264.05 AMP PHASE
608	-.50	7.52	580	.70 36.37	1.15 55.91	2.00 160.91	1.61 146.77	2.42 221.71	.70 320.95	.25 49.21	.76 204.62 AMP PHASE
609	1.02	9.45	586	.51 246.20	1.57 56.76	2.06 142.75	1.70 133.02	2.97 217.57	.07 330.07	.26 44.00	.79 279.33 AMP PHASE
610	2.70	9.09	584	1.93 232.35	1.99 62.02	2.30 142.07	1.94 147.30	2.93 234.64	.06 357.92	.20 130.75	.96 209.66 AMP PHASE
611	4.16	10.09	583	3.29 232.29	2.39 61.62	2.39 130.20	2.00 147.02	2.72 232.66	.94 359.29	.19 103.45	1.16 275.40 AMP PHASE
612	6.01	12.15	585	5.21 231.00	2.66 56.75	2.68 111.06	2.19 143.10	2.03 235.93	1.13 4.24	.23 131.40	1.45 262.21 AMP PHASE
613	6.69	13.54	584	6.04 231.05	2.96 57.46	3.04 109.11	2.22 149.36	2.00 239.55	1.25 7.31	.30 174.20	1.50 264.76 AMP PHASE

TABLE VIII.- Continued

(f) $\mu = 0.40$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CV/SIGMA
653	.1	2.7	1.9	.01955	.00271	.00139
654	-.0	4.0	3.9	.03411	.00252	.00152
655	-.5	5.4	5.9	.04652	.00223	.00164
656	-.8	5.9	6.9	.05336	.00207	.00204
657	-1.1	6.4	7.6	.05972	.00188	.00223
658	-1.3	7.1	8.4	.06577	.00169	.00262
659	.7	2.6	3.8	.01226	.00171	.00171
660	-.1	3.9	5.9	.02463	.00031	.00221
661	-.5	5.2	7.6	.03549	.00095	.00287
662	-1.1	6.4	9.6	.04427	.00247	.00361
663	-1.6	7.6	11.4	.06120	.00398	.00458
664	-1.9	8.1	12.8	.06756	.00457	.00498
665	-2.4	8.8	13.8	.07253	.00342	.00556
666	.8	2.6	5.9	.00381	.00255	.00137
667	.0	4.4	7.9	.01432	.00057	.00215
668	-.4	5.8	9.8	.02516	.00169	.00322
669	-1.0	6.7	11.8	.03941	.00449	.00435
670	-1.5	7.5	13.8	.05232	.00697	.00560
671	-2.3	8.8	16.0	.06535	.00980	.00704
672	-2.7	9.2	16.9	.07184	.01116	.00790
673	.6	4.5	9.8	.00812	.00164	.00177
674	-.6	5.5	11.8	.01913	.00157	.00365
675	-1.1	6.8	13.8	.03112	.00518	.00453
676	-1.6	8.1	15.9	.04334	.00905	.00637
677	-2.2	8.9	17.6	.05445	.01241	.00803
678	-2.6	9.4	18.8	.06242	.01463	.00918

TABLE VIII.- Continued

(f) Continued

FLAPWISE 25 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	39.77	38.05	615	13.46 154.20	10.65 331.55	11.34 70.74	6.97 3.06	9.88 123.65	2.69 7.86	3.06 243.13	6.82 AMP 85.11 PHASE
654	41.48	37.89	615	14.07 149.09	10.69 321.22	11.10 53.32	7.19 343.50	9.69 101.57	2.50 330.52	2.51 204.75	5.99 AMP 49.86 PHASE
655	42.83	38.79	615	14.53 150.01	10.60 326.07	10.75 57.19	7.30 352.30	9.90 116.60	2.76 346.90	2.34 210.93	5.98 AMP 63.66 PHASE
656	43.53	39.19	614	14.70 150.40	10.54 329.54	10.43 59.73	7.11 356.59	9.76 127.99	2.67 357.42	2.09 210.35	5.48 AMP 71.92 PHASE
657	44.33	37.74	615	14.55 143.73	10.37 316.42	9.90 40.14	6.80 330.13	9.62 97.64	2.71 324.99	1.85 175.87	4.87 AMP 21.70 PHASE
658	45.05	37.53	615	14.70 142.21	10.38 317.10	9.70 36.60	6.96 326.48	9.42 100.59	2.71 325.45	1.68 167.65	4.54 AMP 18.95 PHASE
659	40.00	27.31	617	12.38 155.10	8.66 329.58	8.28 45.30	4.54 343.34	8.52 81.87	2.80 333.97	2.05 239.19	3.17 AMP 30.23 PHASE
660	41.66	28.06	616	12.58 150.53	8.06 324.33	8.42 30.02	4.94 325.55	8.33 70.71	2.45 314.13	1.83 216.01	3.18 AMP 10.05 PHASE
661	43.15	28.09	616	12.90 153.55	8.95 335.09	8.48 40.71	5.06 344.50	8.64 96.26	2.66 337.03	1.72 251.30	2.63 AMP 53.20 PHASE
662	44.60	28.38	616	13.00 146.37	8.90 327.18	8.41 25.30	5.26 327.49	8.54 76.98	2.79 313.73	1.50 221.07	2.31 AMP 20.43 PHASE
663	46.32	28.22	616	13.27 139.11	8.76 322.19	8.00 10.57	5.25 310.76	8.29 61.05	3.03 300.20	1.30 196.69	2.17 AMP 342.84 PHASE
664	47.09	29.06	617	13.35 140.66	8.85 328.35	8.00 10.93	5.29 320.40	8.33 80.25	2.91 323.20	1.20 212.01	2.17 AMP 8.61 PHASE
665	47.79	28.43	615	13.34 139.20	9.00 329.94	7.64 16.01	5.05 320.92	8.31 81.99	3.15 327.97	1.13 210.60	2.10 AMP 3.60 PHASE
666	40.42	22.01	616	11.00 150.95	7.23 332.26	4.75 30.05	2.91 347.93	6.89 69.07	1.79 320.69	1.51 240.30	1.62 AMP 22.55 PHASE
667	41.96	22.52	616	11.22 159.52	7.37 343.13	4.89 35.04	3.10 3.01	6.60 93.14	1.65 346.06	1.40 269.62	1.39 AMP 57.92 PHASE
668	43.50	22.67	616	11.35 153.51	7.32 338.81	5.20 24.72	3.71 351.57	6.70 70.70	1.65 322.41	1.02 246.50	1.35 AMP 42.62 PHASE
669	45.33	22.62	616	11.39 144.00	7.43 329.91	5.62 8.35	4.15 329.18	7.07 53.09	1.90 297.74	1.10 200.60	1.46 AMP 35.20 PHASE
670	46.96	23.01	616	11.44 145.29	7.79 341.02	5.68 17.04	4.37 347.30	6.60 70.25	2.05 325.49	1.10 224.00	1.63 AMP 17.37 PHASE
671	48.75	22.90	616	11.53 133.18	7.96 333.05	5.48 354.10	4.60 323.50	6.68 50.45	2.00 297.07	0.90 100.12	1.66 AMP 343.41 PHASE
672	49.63	23.04	616	11.43 130.64	7.96 330.00	5.43 355.12	4.69 320.67	6.83 66.54	1.93 311.79	0.76 190.25	1.00 AMP 354.83 PHASE
673	42.47	19.23	616	10.39 157.25	6.38 332.84	3.56 1.95	2.33 347.97	4.48 66.00	0.70 300.33	0.60 235.31	0.84 AMP 355.76 PHASE
674	44.12	18.50	616	9.94 154.32	6.44 337.37	3.82 7.00	2.06 351.61	4.49 73.76	0.88 297.59	0.63 250.63	0.63 AMP 27.49 PHASE
675	45.85	18.60	615	10.22 151.15	6.55 344.19	3.95 13.25	3.22 3.31	4.00 81.58	1.02 327.00	0.46 226.61	0.47 AMP 2.75 PHASE
676	47.70	19.16	616	10.39 136.34	6.75 332.09	3.90 346.13	3.70 329.26	5.17 40.71	0.87 295.10	0.59 187.12	0.51 AMP 320.78 PHASE
67	49.31	19.06	616	10.50 129.42	7.00 337.36	3.92 343.30	4.17 334.60	5.30 59.98	0.87 293.00	0.56 179.65	0.61 AMP 340.20 PHASE
678	50.24	19.43	616	10.63 121.02	7.16 333.61	3.97 331.94	4.49 324.83	5.41 52.76	0.70 205.20	0.47 162.31	0.72 AMP 344.19 PHASE

TABLE VIII.- Continued

(f) Continued

CHORDWISE 25 PERCENT RADIUS													
PT NO	RUN NO	2#	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	53.89	55.99	615	13.85	18.37	7.65	4.38	4.26	13.98	9.56	3.21	AMP	
				269.78	146.71	283.67	94.82	85.29	136.79	154.18	143.48	PHASE	
654	51.51	64.68	615	17.88	15.96	12.46	4.72	3.46	28.88	12.98	2.59	AMP	
				284.48	143.76	276.74	66.99	51.31	112.38	121.83	133.71	PHASE	
655	49.86	72.13	615	21.31	21.84	16.85	6.36	2.86	23.12	15.64	2.72	AMP	
				384.65	153.97	279.12	78.88	38.54	138.81	143.12	154.44	PHASE	
656	48.96	79.23	614	24.33	23.68	19.17	7.68	2.79	23.94	15.97	2.37	AMP	
				315.33	159.71	282.82	76.16	28.98	153.81	157.95	167.65	PHASE	
657	48.87	79.55	615	27.48	25.49	21.47	8.24	3.79	23.52	16.45	2.88	AMP	
				316.28	158.52	262.53	48.33	335.44	124.86	121.25	132.69	PHASE	
658	47.29	84.82	615	31.98	27.58	24.83	8.97	3.51	25.42	17.55	2.98	AMP	
				323.48	153.18	261.99	46.93	325.41	132.81	124.98	143.12	PHASE	
659	51.83	44.78	617	11.26	18.77	9.84	5.52	2.54	18.86	6.65	1.92	AMP	
				268.67	137.65	269.32	75.32	.48	121.91	119.43	128.26	PHASE	
660	51.28	52.85	616	12.78	15.54	13.16	6.86	1.44	11.91	8.19	1.94	AMP	
				283.54	139.57	259.28	58.33	317.71	188.73	99.21	98.74	PHASE	
661	51.88	62.58	616	16.94	19.41	17.34	8.49	3.41	11.96	9.48	2.88	AMP	
				313.74	156.64	269.88	66.98	313.92	146.11	134.16	153.25	PHASE	
662	52.12	71.88	616	23.48	23.46	22.62	11.88	5.23	12.53	11.13	2.38	AMP	
				325.93	153.98	254.53	51.82	291.89	136.88	118.36	145.12	PHASE	
663	52.18	81.82	616	34.26	26.79	28.33	12.96	4.88	14.48	11.77	2.58	AMP	
				333.64	153.68	245.69	48.97	284.98	132.74	184.83	131.62	PHASE	
664	52.84	86.59	617	38.74	28.19	31.11	13.78	4.31	15.86	11.73	3.83	AMP	
				342.28	162.31	256.33	56.33	298.81	159.86	133.71	162.21	PHASE	
665	51.74	92.72	615	43.86	29.21	34.34	14.59	3.92	15.98	11.94	2.81	AMP	
				344.54	167.78	258.76	58.43	295.92	168.19	138.16	168.23	PHASE	
666	48.88	31.49	616	9.89	7.87	7.88	5.13	2.74	2.72	3.25	1.47	AMP	
				245.33	143.65	268.21	88.73	328.28	92.28	97.97	118.78	PHASE	
667	49.32	33.61	616	8.69	18.82	18.28	5.38	2.11	3.43	3.76	1.11	AMP	
				272.58	168.11	278.84	85.23	318.16	133.77	124.88	157.93	PHASE	
668	51.18	44.52	616	11.91	14.38	13.33	8.87	3.86	6.61	5.12	1.25	AMP	
				389.78	164.73	257.88	51.48	272.53	132.37	111.14	147.85	PHASE	
669	52.95	58.86	616	19.97	18.44	19.92	11.11	4.77	6.86	6.34	1.86	AMP	
				332.65	168.58	238.14	39.16	257.88	154.83	98.75	138.66	PHASE	
670	54.52	79.64	616	31.12	21.14	26.39	13.76	4.98	6.74	6.36	1.64	AMP	
				358.43	176.92	253.88	62.85	267.29	197.26	136.93	181.57	PHASE	
671	55.95	182.81	616	46.47	23.98	34.88	15.83	4.37	5.45	7.22	2.15	AMP	
				351.85	174.84	248.98	42.87	248.67	154.84	186.68	164.92	PHASE	
672	56.28	114.59	616	54.77	24.24	37.73	16.27	5.48	4.24	7.88	2.38	AMP	
				356.55	181.54	247.52	49.21	237.18	162.89	114.96	189.82	PHASE	
673	47.85	26.28	616	6.66	6.87	6.86	3.93	1.91	5.92	2.77	.77	AMP	
				245.56	178.52	243.23	74.31	252.16	48.75	78.86	95.87	PHASE	
674	49.57	35.52	616	7.87	18.82	9.34	5.54	2.62	9.18	3.94	.67	AMP	
				296.45	182.29	241.58	48.19	237.41	188.62	86.31	114.48	PHASE	
675	52.89	49.19	615	14.28	14.86	15.28	9.25	3.86	6.73	4.28	.97	AMP	
				344.88	192.15	246.51	61.58	265.13	167.82	127.87	151.83	PHASE	
676	55.12	75.69	616	29.72	17.95	21.92	11.94	5.62	3.65	3.68	1.27	AMP	
				353.42	185.99	229.36	38.76	228.52	233.91	86.25	143.92	PHASE	
677	57.53	188.22	616	45.85	21.12	28.66	13.53	7.71	4.54	4.29	1.43	AMP	
				.99	196.71	238.26	47.32	224.89	312.99	98.88	187.97	PHASE	
678	58.62	112.98	616	57.72	23.22	33.81	13.86	8.72	4.49	5.85	1.55	AMP	
				2.84	196.76	236.84	37.15	212.16	333.34	88.86	181.68	PHASE	

TABLE VIII.- Continued

(f) Continued

TORSION 28 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	4.64	12.21	615	5.83	4.33	1.36	2.74	2.38	1.78	.85	1.53 AMP
				298.79	147.87	127.52	344.65	88.86	191.85	47.19	124.88 PHASE
654	2.36	11.95	615	4.29	3.88	1.18	2.77	2.82	1.78	.83	1.37 AMP
				312.88	142.99	128.21	321.81	53.14	171.57	31.64	96.78 PHASE
655	.16	12.73	615	4.14	3.58	.88	2.91	3.31	1.52	.78	1.26 AMP
				331.37	154.33	145.42	324.12	69.45	198.48	68.89	118.98 PHASE
656	-1.85	13.38	614	4.23	3.42	.71	2.92	3.56	1.42	.81	1.17 AMP
				341.59	161.87	169.76	326.87	84.21	204.13	82.56	119.14 PHASE
657	-2.25	13.38	615	4.46	3.33	.69	2.98	3.71	1.27	.73	.98 AMP
				346.89	151.38	171.47	382.98	54.76	169.22	31.58	63.92 PHASE
658	-3.48	13.82	615	4.87	3.29	.85	2.96	4.88	1.22	.61	.84 AMP
				353.85	155.88	192.71	381.86	68.76	162.84	48.82	59.78 PHASE
659	3.74	9.73	617	4.29	3.46	.77	2.48	2.12	1.11	.56	.59 AMP
				288.26	122.84	27.29	316.84	43.16	149.48	346.48	71.45 PHASE
668	1.69	9.63	616	3.52	2.73	.65	2.51	2.43	.99	.61	.61 AMP
				291.41	124.27	346.42	388.28	29.38	126.21	345.99	57.66 PHASE
661	-1.28	9.38	616	3.88	2.32	.77	2.45	2.77	.95	.61	.64 AMP
				315.54	148.99	348.68	319.82	58.58	169.68	42.18	123.92 PHASE
662	-2.54	9.65	616	2.99	2.81	.98	2.51	3.87	.97	.62	.44 AMP
				337.82	143.16	382.42	382.19	45.88	139.73	356.92	77.15 PHASE
663	-4.89	18.78	616	3.78	1.97	1.29	2.78	3.25	1.83	.62	.44 AMP
				357.72	158.47	274.72	291.68	48.43	124.38	293.87	9.68 PHASE
664	-6.81	11.71	617	4.29	2.12	1.47	2.79	3.49	1.19	.65	.53 AMP
				9.47	162.64	281.83	386.37	63.12	148.82	382.75	31.77 PHASE
665	-7.88	12.88	615	4.88	2.28	1.71	2.67	3.53	1.38	.64	.58 AMP
				15.78	178.34	283.81	318.78	69.61	153.58	292.55	39.17 PHASE
666	2.89	7.68	616	3.82	2.22	1.27	1.84	2.86	.93	.28	.42 AMP
				266.36	115.66	334.91	312.86	24.87	124.23	331.56	97.45 PHASE
667	.98	7.35	616	3.87	1.52	1.46	1.85	2.82	.78	.21	.41 AMP
				279.56	138.93	335.13	325.85	44.88	145.49	39.95	155.42 PHASE
668	-1.85	7.15	616	2.39	1.89	1.48	1.73	2.38	.75	.35	.55 AMP
				296.89	142.18	312.61	389.78	34.82	146.75	34.59	125.86 PHASE
669	-3.36	7.18	616	2.18	.96	1.64	1.85	2.58	.75	.48	.46 AMP
				327.98	154.25	288.88	293.26	23.59	123.82	297.92	78.33 PHASE
678	-5.58	8.87	616	2.93	1.19	1.99	2.82	2.48	.82	.69	.48 AMP
				1.18	183.88	298.81	315.27	68.82	171.63	386.66	73.42 PHASE
671	-8.86	9.63	616	4.19	1.52	2.42	2.89	2.67	1.12	.79	.68 AMP
				14.68	185.42	274.22	296.82	44.68	153.24	274.68	38.55 PHASE
672	-9.27	18.93	616	5.88	1.64	2.62	2.85	7.63	1.28	.87	.63 AMP
				21.87	198.98	277.66	387.23	55.88	169.31	288.92	44.51 PHASE
673	-.85	7.31	616	2.61	.54	1.92	1.21	1.91	1.88	.46	.53 AMP
				258.87	124.71	318.31	388.51	19.88	187.52	45.93	85.79 PHASE
674	-2.81	6.83	616	1.69	.37	1.88	1.28	2.26	.78	.56	.58 AMP
				267.25	194.18	386.97	386.58	28.32	117.11	68.91	59.13 PHASE
675	-4.85	6.43	615	1.18	.68	2.83	1.38	2.38	.61	.24	.34 AMP
				316.88	238.88	387.23	316.64	58.93	126.93	79.49	97.56 PHASE
676	-6.45	5.98	616	1.92	1.86	2.39	1.52	1.98	.46	.52	.48 AMP
				6.21	217.28	281.89	292.67	18.68	136.43	297.82	32.11 PHASE
677	-8.59	7.63	616	3.34	1.38	2.74	1.49	1.84	.73	.76	.45 AMP
				23.15	218.12	279.74	299.77	32.82	179.38	381.76	37.69 PHASE
678	-9.94	9.35	616	4.45	1.64	3.83	1.55	1.89	.91	.68	.68 AMP
				25.76	218.43	268.33	296.88	26.92	174.43	294.58	31.86 PHASE

TABLE VIII.- Continued

(f) Continued

FLAPWISE 37 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	22.77	38.87	615	19.47	15.56	12.61	6.45	4.58	.95	.47	2.18 AMP
				147.31	334.39	68.87	355.38	137.83	16.59	292.48	262.93 PHASE
654	24.45	39.52	615	28.58	15.88	12.88	6.35	4.43	.98	.59	1.93 AMP
				142.58	323.92	58.88	337.53	117.94	348.41	258.25	226.81 PHASE
655	26.88	48.55	615	21.42	15.89	13.84	6.16	4.45	.83	.65	2.81 AMP
				144.67	328.63	55.55	348.16	132.79	6.63	265.35	242.19 PHASE
656	26.72	41.42	614	21.81	16.81	12.97	5.93	4.39	.66	.72	1.86 AMP
				145.78	331.44	58.28	352.68	146.21	14.62	278.51	249.64 PHASE
657	27.42	41.24	615	22.88	15.88	12.89	5.63	4.38	.64	.73	1.72 AMP
				139.81	318.48	39.45	327.54	115.12	346.52	231.31	281.92 PHASE
658	28.17	42.17	615	22.48	16.83	12.93	5.56	4.35	.47	.88	1.69 AMP
				139.28	318.56	37.98	324.48	119.87	342.71	228.22	197.61 PHASE
659	24.38	38.82	617	17.83	12.83	9.73	4.25	4.26	.98	.33	1.16 AMP
				144.84	331.43	49.93	334.83	86.87	339.11	253.28	211.11 PHASE
660	25.99	31.18	616	17.78	13.28	18.16	4.44	4.18	.95	.45	1.16 AMP
				148.89	325.65	36.21	319.62	76.57	321.36	228.89	198.83 PHASE
661	27.58	31.99	616	18.63	13.45	18.66	4.51	4.25	.95	.49	1.82 AMP
				145.51	336.48	48.93	348.58	182.39	344.86	268.26	234.86 PHASE
662	29.85	32.87	616	19.42	13.88	11.28	4.56	4.16	.81	.51	.88 AMP
				148.76	327.56	35.26	323.88	82.94	321.79	227.98	198.77 PHASE
663	38.61	33.58	618	28.42	14.81	11.55	4.38	3.98	.82	.55	.88 AMP
				136.62	321.25	23.71	387.38	65.53	297.87	211.29	159.67 PHASE
664	31.25	34.63	617	28.84	14.34	11.82	4.41	3.97	.75	.57	.79 AMP
				139.88	327.26	33.23	319.11	83.43	316.78	245.52	185.23 PHASE
665	31.99	35.88	615	21.25	14.52	11.77	4.18	4.85	.82	.63	.81 AMP
				139.86	329.18	34.98	319.88	84.42	314.88	249.26	184.45 PHASE
666	25.93	21.99	616	14.21	18.21	6.13	2.55	3.71	.51	.25	.59 AMP
				143.74	336.68	42.55	338.78	71.97	388.14	249.14	282.69 PHASE
667	27.58	22.51	616	14.85	18.55	6.45	2.69	3.69	.49	.25	.59 AMP
				147.11	346.89	58.91	358.28	93.41	331.65	272.56	237.88 PHASE
668	29.89	23.69	616	15.64	18.79	7.25	3.83	3.54	.51	.28	.58 AMP
				143.84	348.98	41.21	342.48	79.68	317.82	268.74	224.78 PHASE
669	38.69	25.64	616	16.56	11.38	8.38	3.24	3.83	.44	.21	.53 AMP
				138.63	338.84	25.98	321.48	53.52	278.85	213.11	169.54 PHASE
670	32.22	26.78	616	17.66	12.83	9.84	3.33	3.58	.53	.29	.65 AMP
				143.24	341.48	39.61	339.72	75.56	285.21	251.61	196.14 PHASE
671	33.96	28.11	616	18.78	12.56	9.58	3.46	3.61	.64	.39	.66 AMP
				137.43	332.86	24.12	319.88	54.11	247.93	235.46	159.99 PHASE
672	34.84	28.25	616	19.85	12.63	9.69	3.34	3.73	.62	.46	.77 AMP
				139.61	335.72	28.98	325.81	61.63	253.29	258.49	173.81 PHASE
673	29.17	17.65	616	12.94	8.99	4.41	2.18	2.34	.52	.29	.42 AMP
				142.53	331.52	25.83	329.37	78.14	243.37	229.59	194.58 PHASE
674	38.66	18.79	616	13.46	9.31	5.16	2.32	2.23	.48	.27	.43 AMP
				143.36	342.97	38.33	348.66	75.88	268.37	253.23	214.38 PHASE
675	32.13	28.46	615	11.47	9.83	5.95	2.42	2.49	.43	.25	.29 AMP
				145.84	343.23	33.31	352.62	78.51	278.27	288.91	219.21 PHASE
676	33.74	21.47	616	15.59	18.49	3.61	2.66	2.92	.48	.37	.37 AMP
				137.47	334.83	19.43	325.96	45.23	287.82	235.68	159.58 PHASE
677	35.29	22.98	616	16.59	11.84	7.84	2.96	3.14	.58	.38	.43 AMP
				133.51	339.88	25.84	331.57	57.58	214.47	265.66	178.95 PHASE
678	36.29	23.92	616	17.26	11.45	7.48	3.12	3.35	.68	.33	.51 AMP
				136.14	334.58	21.36	322.47	49.73	284.54	257.36	164.17 PHASE

TABLE VIII.- Continued

(f) Continued

CHORDWISE 37 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	25.3#	61.54	615	14.24	9.15	5.16	6.81	5.21	19.86	16.37	5.71	AMP
654	23.81	75.32	615	277.87	139.63	313.24	85.89	88.19	136.83	155.87	228.69	PHASE
655	22.86	85.74	615	17.79	13.84	18.21	8.23	3.39	29.85	21.22	7.82	AMP
656	21.22	92.15	614	287.42	139.41	388.98	63.43	65.17	189.53	123.28	194.19	PHASE
657	28.1#	93.7#	615	21.86	18.11	14.83	11.39	1.67	34.84	24.98	6.41	AMP
658	18.77	97.27	615	383.83	151.99	383.19	69.18	55.82	135.22	145.68	288.66	PHASE
659	23.39	47.96	617	24.64	28.51	16.18	13.49	1.15	35.77	25.28	5.56	AMP
660	23.26	55.18	616	312.44	157.82	386.21	76.23	352.84	158.97	161.79	212.88	PHASE
661	23.27	61.14	616	27.45	22.22	18.38	14.76	2.36	35.33	25.91	6.82	AMP
662	22.83	68.85	616	312.2#	149.43	286.52	49.61	285.53	121.91	125.75	157.75	PHASE
663	21.98	79.81	616	31.27	24.18	28.86	15.98	3.88	38.18	27.65	6.41	AMP
664	21.35	84.87	617	318.21	152.54	286.24	48.71	286.81	138.89	138.64	152.93	PHASE
665	28.66	92.15	615	18.86	8.88	6.65	7.52	3.33	14.58	11.64	3.49	AMP
666	28.5#	28.68	616	275.84	133.38	285.52	65.78	3.83	117.27	124.45	157.82	PHASE
667	21.34	31.97	616	12.95	12.88	9.68	9.31	1.87	17.46	13.28	3.84	AMP
668	22.33	42.16	616	286.21	137.98	277.42	45.54	315.81	184.98	183.87	139.69	PHASE
669	23.28	57.88	616	16.79	15.96	12.82	12.78	4.81	17.49	14.94	3.78	AMP
670	23.68	76.19	616	389.64	155.89	288.89	63.87	389.51	142.56	137.48	176.66	PHASE
671	23.74	93.98	616	22.25	19.42	17.87	16.58	6.22	18.48	18.17	4.24	AMP
672	23.27	186.82	616	318.23	153.38	273.11	49.38	286.23	134.46	123.43	142.27	PHASE
673	19.48	26.19	616	38.58	22.59	22.27	19.59	6.89	21.92	19.17	5.53	AMP
674	21.22	35.99	616	325.27	153.45	265.88	38.38	283.45	133.74	189.16	115.58	PHASE
675	22.67	46.84	615	34.27	24.11	24.94	28.87	5.68	24.58	18.92	6.24	AMP
676	24.3#	71.6#	616	333.45	162.88	276.66	53.17	298.95	161.78	148.21	145.18	PHASE
677	25.32	91.75	616	38.33	25.32	27.71	21.98	5.21	24.98	19.14	6.89	AMP
678	25.6#	99.7#	616	326.47	158.68	278.67	55.85	299.33	178.32	145.23	145.87	PHASE
				7.44	5.22	3.88	6.66	3.31	3.99	5.64	1.65	AMP
				254.39	143.58	275.88	66.14	324.14	79.35	185.38	152.41	PHASE
				8.86	7.89	6.47	7.82	2.33	4.63	6.87	2.14	AMP
				279.76	163.58	285.76	74.95	314.11	123.67	133.86	184.67	PHASE
				11.13	11.61	8.82	11.57	4.27	9.42	7.87	1.98	AMP
				386.47	167.66	272.83	58.22	268.38	124.69	117.84	164.11	PHASE
				17.28	15.18	13.95	15.84	5.51	9.86	18.17	3.65	AMP
				323.78	162.18	251.73	36.46	255.25	153.14	96.48	117.79	PHASE
				25.61	17.69	19.28	19.45	5.71	11.25	9.95	4.82	AMP
				348.68	177.79	267.93	58.78	269.84	288.26	145.86	163.79	PHASE
				37.13	28.54	25.54	23.88	4.52	9.58	18.68	4.78	AMP
				342.57	175.75	255.29	39.83	243.24	163.68	115.88	138.28	PHASE
				43.48	21.18	28.88	23.94	5.42	7.67	18.95	4.98	AMP
				347.56	182.38	262.87	45.55	237.56	177.83	124.22	161.88	PHASE
				5.44	5.41	2.59	5.71	2.13	8.46	4.39	1.31	AMP
				253.33	188.92	254.86	59.14	254.38	33.62	95.78	138.89	PHASE
				6.32	8.29	5.86	8.24	3.42	13.39	5.94	.64	AMP
				293.77	198.59	255.43	45.63	231.13	93.96	91.94	143.56	PHASE
				11.41	11.87	9.56	12.88	5.16	9.98	6.75	2.28	AMP
				335.28	198.48	258.89	59.48	264.28	165.38	132.21	124.71	PHASE
				22.43	15.68	15.81	16.54	6.61	6.42	5.18	2.88	AMP
				345.37	198.53	241.64	34.76	228.82	227.65	98.74	117.48	PHASE
				34.15	18.84	28.65	19.14	8.68	7.14	5.32	2.99	AMP
				353.38	199.46	258.11	42.43	222.19	294.68	187.18	166.15	PHASE
				42.79	28.96	25.89	28.22	9.47	5.96	6.18	3.13	AMP
				354.55	198.29	247.93	32.91	285.71	388.88	91.19	154.47	PHASE

TABLE VIII.- Continued

(F) Continued

TORSION 36 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	3.89	12.16	615	5.48	4.79	1.26	2.35	1.97	1.53	.88	1.86 AMP
				296.83	125.85	121.75	314.88	39.41	147.77	357.23	76.18 PHASE
654	1.64	11.98	615	4.98	4.24	1.15	2.37	2.37	1.46	.85	1.96 AMP
				388.57	118.97	116.54	291.83	12.74	127.58	337.82	47.33 PHASE
655	-.57	12.74	615	4.99	3.92	1.83	2.49	2.74	1.33	.81	.88 AMP
				325.39	127.49	143.99	295.18	28.98	147.43	8.87	63.78 PHASE
656	-1.65	12.88	614	5.13	3.79	1.87	2.49	2.89	1.24	.82	.83 AMP
				333.68	133.58	161.68	298.33	44.15	161.91	22.25	72.23 PHASE
657	-2.79	12.97	615	5.33	3.67	1.14	2.46	3.82	1.89	.79	.68 AMP
				335.93	121.88	154.87	275.18	14.98	126.86	334.38	17.82 PHASE
658	-3.99	13.38	615	5.75	3.59	1.33	2.58	3.25	1.84	.69	.59 AMP
				342.88	124.13	164.88	274.89	21.66	128.93	339.21	13.29 PHASE
659	3.18	9.96	617	4.58	4.86	.39	2.19	1.81	1.81	.57	.45 AMP
				283.52	182.51	23.82	286.15	.66	185.98	387.77	19.89 PHASE
668	1.89	9.94	616	4.84	3.48	.18	2.22	2.88	.93	.63	.47 AMP
				295.57	188.77	318.41	269.37	347.72	84.33	388.35	7.74 PHASE
661	-.87	9.71	616	3.81	2.97	.34	2.16	2.35	.92	.64	.52 AMP
				317.78	114.68	277.48	289.83	16.88	118.78	351.25	71.51 PHASE
662	-3.89	18.12	616	3.99	2.59	.63	2.28	2.59	.93	.63	.36 AMP
				333.17	111.94	238.74	272.98	4.85	97.86	318.76	25.69 PHASE
663	-5.48	18.88	616	4.71	2.48	1.86	2.35	2.78	1.96	.69	.35 AMP
				346.86	114.75	221.22	262.95	358.89	81.58	257.98	321.43 PHASE
664	-6.53	11.66	617	5.25	2.48	1.26	2.48	2.88	1.87	.56	.42 AMP
				356.75	125.85	228.58	278.57	22.41	185.38	269.67	338.18 PHASE
665	-7.58	11.89	615	5.79	2.58	1.45	2.32	2.91	1.14	.51	.48 AMP
				2.18	131.48	233.51	284.83	29.63	111.82	261.17	345.98 PHASE
666	2.22	7.49	616	3.89	2.85	.78	1.64	1.77	.88	.28	.31 AMP
				273.75	93.37	387.31	288.88	343.93	81.53	298.48	44.88 PHASE
667	.36	7.25	616	3.35	2.18	.95	1.68	1.75	.67	.26	.31 AMP
				298.45	184.61	382.36	293.45	3.98	184.36	352.53	182.22 PHASE
668	-1.57	7.47	616	3.84	1.69	1.81	1.58	2.85	.68	.36	.43 AMP
				387.48	186.78	274.56	279.34	354.73	182.92	339.26	69.79 PHASE
669	-3.84	7.68	616	3.17	1.38	1.19	1.64	2.16	.69	.47	.38 AMP
				328.98	188.28	248.96	262.82	343.11	88.78	257.53	15.33 PHASE
678	-6.86	8.39	616	3.97	1.41	1.49	1.77	2.84	.77	.59	.39 AMP
				352.84	136.62	268.58	284.48	19.17	125.91	266.14	21.37 PHASE
671	-8.48	9.83	616	5.13	1.54	1.87	1.88	2.26	1.82	.78	.48 AMP
				2.11	142.55	237.35	266.87	3.56	188.69	231.29	338.22 PHASE
672	-9.68	18.81	616	5.98	1.64	2.83	1.77	2.23	1.14	.76	.52 AMP
				8.32	158.18	241.11	276.78	14.95	124.47	244.76	352.43 PHASE
673	-.61	6.58	616	2.58	1.22	1.37	1.16	1.66	.82	.38	.41 AMP
				271.88	85.85	281.18	275.53	348.88	62.98	358.66	31.77 PHASE
674	-2.52	5.83	616	2.82	.76	1.27	1.15	1.96	.66	.45	.38 AMP
				297.43	188.67	274.59	274.88	348.95	73.88	3.57	43.26 PHASE
675	-4.58	5.77	615	2.14	.53	1.49	1.28	1.99	.52	.24	.28 AMP
				333.71	138.19	274.57	285.15	18.63	85.26	7.98	44.51 PHASE
676	-6.85	6.84	616	3.87	.72	1.77	1.38	1.74	.48	.49	.31 AMP
				353.89	162.49	249.84	259.88	336.38	94.81	252.82	337.51 PHASE
677	-8.96	8.88	616	4.28	1.82	2.86	1.32	1.62	.65	.69	.37 AMP
				7.99	176.13	248.28	265.63	358.81	135.46	253.47	346.78 PHASE
678	-18.26	9.52	616	6.22	1.32	2.31	1.37	1.69	.81	.84	.49 AMP
				11.29	173.21	236.23	261.83	345.99	129.85	246.88	339.98 PHASE

TABLE VIII.- Continued

(f) Continued

FLAPWISE 51 PERCENT RADIUS												
FT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	5.84	55.68	615	26.26	28.51	13.64	1.98	5.13	2.88	2.73	7.88	AMP
				141.23	336.81	57.57	23.62	297.58	186.38	61.86	262.65	PHASE
654	6.93	55.38	615	27.46	28.85	14.44	2.88	5.89	2.56	2.24	6.15	AMP
				137.48	325.21	41.87	2.83	271.79	149.68	23.75	228.81	PHASE
655	8.75	55.64	615	28.42	21.87	14.93	2.88	5.25	2.57	2.16	6.13	AMP
				148.38	329.48	47.62	11.48	285.58	165.19	36.28	243.84	PHASE
656	9.64	56.88	614	28.85	21.19	15.89	2.84	5.32	2.59	1.85	5.72	AMP
				141.79	331.96	51.26	13.25	293.16	176.49	36.41	251.29	PHASE
657	18.59	54.82	615	29.14	21.82	15.32	2.14	5.17	2.55	1.78	5.88	AMP
				135.88	319.88	33.38	351.68	263.32	138.28	357.63	281.89	PHASE
658	11.45	54.35	615	29.72	21.25	15.53	2.16	5.14	2.49	1.57	4.57	AMP
				135.73	319.88	32.77	358.73	264.25	138.64	349.86	198.77	PHASE
659	7.38	43.78	617	23.11	17.44	18.68	1.73	4.87	2.28	1.81	3.21	AMP
				136.77	338.75	43.88	349.68	263.22	143.19	45.82	211.48	PHASE
660	9.24	44.88	616	24.84	17.96	11.56	1.88	4.15	2.82	1.64	3.19	AMP
				133.97	325.36	31.35	341.28	248.98	128.19	28.39	198.13	PHASE
661	18.98	45.53	616	25.81	18.31	12.35	2.81	4.34	2.21	1.47	2.74	AMP
				139.48	335.88	45.36	1.68	272.95	146.38	53.98	232.29	PHASE
662	12.88	46.46	616	25.93	18.81	13.38	2.15	4.36	2.34	1.35	2.46	AMP
				135.67	326.55	33.44	344.65	253.48	119.66	28.37	199.32	PHASE
663	14.59	47.68	616	27.21	19.38	14.11	2.15	4.25	2.42	1.26	2.33	AMP
				132.66	319.73	24.92	329.56	238.26	185.11	353.75	162.41	PHASE
664	15.36	48.48	617	27.84	19.83	14.69	2.25	4.29	2.39	1.19	2.42	AMP
				136.11	326.18	34.28	341.47	256.55	127.54	18.64	189.89	PHASE
665	16.21	48.98	615	28.48	28.18	14.83	2.17	4.22	2.52	1.88	2.48	AMP
				136.62	327.71	37.17	343.32	258.24	133.67	15.81	185.74	PHASE
666	9.82	33.69	616	19.58	14.31	7.84	1.41	2.84	1.85	1.16	1.53	AMP
				136.81	333.64	37.88	315.88	255.41	138.95	47.83	284.98	PHASE
667	11.66	34.19	616	28.29	14.63	7.54	1.32	2.76	1.88	1.87	1.36	AMP
				148.13	342.75	48.23	335.25	277.51	157.57	76.53	237.58	PHASE
668	13.45	35.88	616	21.28	14.86	8.67	1.39	2.96	1.16	.64	1.34	AMP
				137.77	337.35	39.33	324.84	268.68	131.12	51.85	221.68	PHASE
669	15.24	37.48	616	22.53	15.32	18.36	1.43	3.14	1.41	.82	1.47	AMP
				133.49	326.62	25.44	386.42	237.87	187.28	12.48	171.98	PHASE
670	16.95	39.71	616	24.12	16.38	11.45	1.48	3.81	1.56	.92	1.73	AMP
				138.72	336.88	48.92	321.88	263.87	148.38	38.92	197.33	PHASE
671	19.81	41.32	616	25.53	16.97	12.78	1.39	3.82	1.45	.78	1.79	AMP
				134.23	327.44	27.79	385.83	242.19	115.56	341.62	163.78	PHASE
672	19.97	41.81	616	26.85	17.21	13.84	1.34	2.93	1.39	.57	1.92	AMP
				136.23	338.47	33.38	318.39	258.81	127.81	347.71	176.11	PHASE
673	14.21	27.53	616	17.67	12.35	5.13	1.36	1.91	.37	.29	.86	AMP
				135.68	334.92	23.84	388.35	258.77	139.37	48.78	188.18	PHASE
674	15.99	28.28	616	18.37	12.51	6.22	1.24	2.82	.68	.21	.67	AMP
				137.65	338.61	28.25	386.57	255.35	125.26	88.93	284.12	PHASE
675	17.74	29.86	615	19.69	12.94	7.37	1.14	2.14	.86	.24	.58	AMP
				148.45	343.28	37.67	318.12	278.55	158.83	28.44	185.81	PHASE
676	19.78	31.95	616	21.51	13.55	8.45	1.13	2.18	.78	.38	.61	AMP
				133.88	329.26	28.78	278.44	242.33	112.37	357.31	147.43	PHASE
677	21.45	34.36	616	23.82	14.83	9.36	1.81	2.15	.82	.48	.71	AMP
				136.81	333.57	38.26	275.71	258.55	121.82	342.88	159.78	PHASE
678	22.57	35.73	616	24.81	14.54	18.48	.98	2.11	.78	.32	1.88	AMP
				134.37	329.49	27.47	266.38	242.39	114.59	325.47	158.79	PHASE

TABLE VIII.- Continued

(f) Continued

CHORDWISE 51 PERCENT RADIUS												
RUN NO		2θ										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	7.34	62.18	615	15.78	9.68	4.18	5.94	5.18	28.19	19.39	7.41	AMP
654	5.83	79.27	615	291.34	145.42	332.73	94.28	98.12	139.35	168.53	237.77	PHASE
655	4.31	91.41	615	19.64	13.13	8.48	8.73	2.84	38.13	24.31	8.55	AMP
656	3.49	101.33	614	295.87	143.25	315.85	67.61	77.91	111.85	129.28	287.57	PHASE
657	2.46	101.88	615	23.98	16.48	11.88	12.59	.26	35.88	27.84	7.66	AMP
658	1.24	108.62	615	306.88	154.24	316.97	72.38	88.62	137.17	151.43	221.89	PHASE
659	4.86	47.87	617	26.43	18.38	13.64	14.86	1.52	37.68	28.87	6.35	AMP
660	4.68	55.59	616	312.18	159.22	328.19	78.28	281.34	153.53	167.69	225.88	PHASE
661	4.34	65.35	616	29.88	19.76	15.61	16.34	3.89	37.12	28.91	6.37	AMP
662	3.59	78.77	616	309.78	149.92	308.33	51.46	257.88	124.71	131.74	166.95	PHASE
663	2.63	88.54	616	32.38	21.28	18.88	17.77	4.61	48.86	38.94	6.78	AMP
664	1.88	88.48	617	313.88	152.68	299.57	58.58	265.21	134.34	137.86	157.77	PHASE
665	1.16	89.37	615	11.98	8.58	4.88	7.64	3.55	15.84	13.88	3.97	AMP
666	2.82	27.41	616	291.18	143.28	298.88	69.16	355.46	128.19	129.92	169.81	PHASE
667	3.81	34.73	616	14.74	11.92	7.36	18.88	2.85	18.87	15.38	4.14	AMP
668	3.37	41.15	616	295.65	144.44	291.13	48.82	298.48	187.48	118.41	158.87	PHASE
669	3.67	59.12	616	18.71	14.58	18.87	13.74	4.57	18.21	16.96	3.88	AMP
670	3.48	72.38	616	311.89	159.95	382.97	67.19	382.89	145.25	143.33	183.56	PHASE
671	2.65	85.88	616	23.51	17.39	13.68	17.72	6.72	19.38	28.92	4.25	AMP
672	1.91	92.42	616	314.98	155.98	288.65	51.76	281.42	138.73	128.94	143.13	PHASE
673	1.69	28.57	616	38.24	19.88	18.22	21.38	6.34	23.34	21.88	6.16	AMP
674	2.55	36.67	616	318.95	154.74	279.81	39.44	276.89	139.32	114.95	112.17	PHASE
675	3.83	47.31	615	33.32	21.18	28.88	22.86	5.95	26.39	21.51	6.95	AMP
676	3.45	67.77	616	325.69	163.79	291.33	53.64	298.32	167.88	146.39	142.48	PHASE
677	3.42	78.52	616	36.61	22.28	23.23	24.82	5.55	26.98	21.73	6.98	AMP
678	3.85	88.23	616	328.38	169.84	292.68	56.22	298.16	176.57	151.66	142.18	PHASE
				7.77	5.53	2.29	6.92	3.73	3.93	6.43	1.64	AMP
				288.51	157.21	293.32	65.88	316.43	76.68	112.17	165.22	PHASE
				9.45	7.95	4.56	8.53	2.99	4.52	6.92	2.27	AMP
				296.43	172.36	299.96	75.93	387.21	121.77	141.88	198.63	PHASE
				12.88	11.85	6.47	12.36	5.11	9.84	8.68	2.83	AMP
				389.23	172.71	289.18	53.46	268.39	125.88	123.29	172.86	PHASE
				18.88	13.94	18.26	16.86	6.17	9.65	11.49	4.14	AMP
				318.26	165.55	266.34	38.12	252.81	158.34	182.32	117.81	PHASE
				24.75	16.87	14.62	28.72	6.41	12.68	11.13	4.84	AMP
				331.78	179.78	282.68	59.94	268.24	285.58	152.46	162.77	PHASE
				33.74	18.28	19.89	24.84	5.18	18.79	11.87	5.67	AMP
				333.88	176.38	269.88	48.19	238.91	172.83	123.41	136.31	PHASE
				38.43	18.78	22.85	25.97	5.93	4.96	11.86	5.86	AMP
				337.68	182.22	275.18	46.63	234.73	189.22	138.52	159.52	PHASE
				6.24	3.95	1.17	6.42	2.94	9.28	4.98	1.48	AMP
				281.18	183.88	203.13	56.81	254.27	32.13	186.38	137.66	PHASE
				7.19	3.42	3.89	9.14	4.27	14.33	6.37	.59	AMP
				392.15	193.23	277.66	47.89	236.67	94.86	97.77	155.94	PHASE
				12.35	11.43	6.46	13.78	6.81	18.42	7.58	2.92	AMP
				325.73	201.42	274.13	68.45	265.81	169.89	137.88	122.87	PHASE
				23.46	14.65	18.94	17.78	7.41	7.62	5.68	3.54	AMP
				324.44	191.23	255.58	35.41	222.82	231.36	185.36	115.45	PHASE
				29.22	17.22	15.55	28.56	9.36	8.45	5.52	3.68	AMP
				342.65	199.11	264.18	43.15	223.82	292.86	113.88	157.22	PHASE
				35.54	13.91	19.28	22.81	18.16	6.95	6.27	3.56	AMP
				344.38	197.43	261.65	34.18	285.94	388.19	96.51	151.82	PHASE

TABLE VIII.- Continued

(f) Continued

TORSION 5# PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	4.55	12.65	615	5.51	5.11	1.85	2.42	1.72	1.75	1.11	1.87	AMP
				299.86	132.99	158.42	343.62	67.87	178.83	36.68	158.88	PHASE
654	2.29	12.88	615	4.91	4.56	.91	2.36	2.86	1.68	1.87	1.86	AMP
				311.47	125.89	144.26	322.64	39.84	156.18	11.91	121.33	PHASE
655	.14	12.52	615	4.87	4.28	.98	2.34	2.39	1.57	.98	1.82	AMP
				328.65	134.17	178.68	328.61	54.35	176.36	48.61	139.66	PHASE
656	-1.82	13.81	614	4.99	4.85	1.82	2.24	2.51	1.51	.98	.97	AMP
				337.19	148.16	185.53	332.22	69.72	198.15	62.14	147.45	PHASE
657	-2.18	12.76	615	5.15	3.93	1.18	2.19	2.66	1.39	.96	.88	AMP
				339.73	129.31	174.27	388.47	48.28	155.83	3.44	93.69	PHASE
658	-3.33	13.87	615	5.55	3.86	1.42	2.17	2.91	1.48	.86	.68	AMP
				346.32	131.88	188.64	387.18	47.27	152.57	3.71	92.41	PHASE
659	3.55	18.35	617	4.58	4.54	.36	2.23	1.76	1.25	.66	.45	AMP
				287.17	111.45	49.86	317.83	26.66	141.17	358.76	98.54	PHASE
660	1.54	18.12	616	3.94	3.84	.12	2.19	1.97	1.13	.75	.51	AMP
				299.53	189.74	334.35	388.79	12.68	118.38	347.97	82.17	PHASE
661	-.36	9.86	616	3.68	3.38	.22	2.87	2.22	1.15	.76	.62	AMP
				322.44	123.58	281.15	322.15	48.37	153.26	37.37	134.75	PHASE
662	-2.53	18.89	616	3.85	2.97	.48	1.99	2.44	1.17	.73	.42	AMP
				338.77	121.88	235.23	386.48	27.89	132.48	355.85	88.45	PHASE
663	-4.79	11.28	616	4.68	2.78	.88	2.88	2.59	1.22	.68	.39	AMP
				353.12	123.74	219.55	294.78	28.98	117.88	382.27	14.43	PHASE
664	-5.87	11.51	617	5.13	2.86	1.87	2.11	2.76	1.33	.67	.48	AMP
				3.34	134.46	226.84	318.88	44.41	142.11	313.25	33.56	PHASE
665	-6.86	12.17	615	5.68	2.88	1.21	2.84	2.81	1.41	.61	.47	AMP
				8.88	139.29	229.44	314.83	51.23	147.25	387.29	41.33	PHASE
666	2.73	7.83	616	3.78	3.32	.63	1.78	1.82	.93	.36	.38	AMP
				279.83	181.62	332.44	311.42	12.33	115.78	353.47	118.26	PHASE
667	.86	7.46	616	3.16	2.63	.74	1.78	1.78	.78	.37	.48	AMP
				297.23	112.68	322.75	324.72	31.22	138.49	39.46	165.62	PHASE
668	-1.87	7.54	616	2.89	2.85	.74	1.55	2.88	.88	.47	.47	AMP
				315.52	115.28	289.88	312.64	28.17	135.99	15.36	129.13	PHASE
669	-3.26	7.78	616	3.86	1.89	.88	1.51	2.15	.83	.56	.39	AMP
				338.82	117.56	256.89	294.88	6.91	114.63	381.82	67.49	PHASE
670	-5.42	8.51	616	3.92	1.78	1.15	1.63	2.18	.94	.73	.45	AMP
				2.88	143.84	264.85	315.89	41.71	159.28	318.71	67.87	PHASE
671	-7.82	18.47	616	5.15	1.88	1.68	1.66	2.33	1.17	.85	.53	AMP
				18.82	158.89	248.49	296.61	25.62	141.81	273.85	24.58	PHASE
672	-8.98	11.86	616	5.93	1.89	1.63	1.63	2.31	1.29	.93	.59	AMP
				16.89	159.38	244.43	387.59	36.52	155.86	285.92	48.18	PHASE
673	-.15	6.24	616	2.27	1.69	1.81	1.23	1.69	.88	.43	.49	AMP
				282.36	91.61	293.46	384.78	9.22	93.52	27.24	83.89	PHASE
674	-2.81	5.69	616	1.89	1.14	.89	1.16	1.89	.74	.52	.45	AMP
				311.95	184.52	289.84	386.15	16.28	103.85	39.14	97.23	PHASE
675	-3.95	5.54	615	2.18	.79	1.85	1.17	1.97	.58	.31	.33	AMP
				347.89	133.29	285.93	316.28	35.54	118.33	34.48	85.85	PHASE
676	-6.24	6.47	616	3.19	.83	1.26	1.23	1.82	.47	.59	.48	AMP
				4.26	159.39	258.35	289.52	2.16	124.68	291.18	15.78	PHASE
677	-8.32	8.78	616	4.45	1.15	1.57	1.25	1.88	.77	.85	.49	AMP
				16.76	188.33	254.98	296.86	17.28	161.42	288.28	25.64	PHASE
678	-9.65	18.82	616	5.44	1.48	1.81	1.29	1.88	.96	1.82	.59	AMP
				19.28	181.69	243.85	293.72	12.59	156.64	288.46	25.34	PHASE

TABLE VIII.- Continued

(f) Continued

FLAPWISE 77 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	-13.15	53.34	615	31.45	28.82	12.42	7.76	6.53	3.86	3.25	8.68 AMP
				133.16	332.13	25.98	186.99	318.47	22.42	275.86	79.89 PHASE
654	-18.14	54.48	615	31.33	21.31	12.97	7.51	6.98	3.33	2.62	7.33 AMP
				133.81	322.89	11.21	169.87	298.34	351.38	248.63	45.34 PHASE
655	-7.86	56.83	615	31.77	21.49	13.51	7.33	7.17	3.32	2.28	7.51 AMP
				138.87	329.26	18.69	179.82	386.76	5.58	266.36	57.94 PHASE
656	-5.34	56.98	614	32.17	21.66	13.85	6.99	7.25	3.39	1.74	6.98 AMP
				141.31	333.78	23.41	182.93	321.62	12.95	278.23	65.55 PHASE
657	-3.84	56.77	615	31.97	21.84	14.88	6.33	7.53	3.45	1.86	6.82 AMP
				137.31	321.38	4.58	158.18	291.45	327.98	242.33	13.48 PHASE
658	-2.27	57.78	615	32.59	22.12	14.28	6.13	7.86	3.63	1.74	5.48 AMP
				138.54	322.62	4.64	154.13	295.63	323.92	243.12	9.48 PHASE
659	-18.37	45.58	617	27.93	18.37	8.66	5.77	7.34	1.95	2.39	4.12 AMP
				129.29	323.25	5.46	178.24	268.92	322.74	243.82	38.11 PHASE
660	-7.47	46.17	616	28.28	18.68	9.25	6.83	7.15	2.83	2.87	4.23 AMP
				129.19	328.38	357.85	153.82	252.83	381.59	224.44	8.47 PHASE
661	-4.79	48.26	616	28.44	19.89	9.78	6.12	7.67	2.88	1.73	3.64 AMP
				137.61	331.88	18.74	176.33	277.91	331.29	268.88	51.15 PHASE
662	-1.64	58.31	616	28.79	19.73	18.52	6.18	7.69	2.26	1.53	3.29 AMP
				137.81	324.55	359.82	168.22	268.17	299.37	226.31	18.85 PHASE
663	1.64	52.19	616	29.58	28.66	18.94	5.62	7.55	2.33	1.45	3.16 AMP
				136.77	319.65	351.58	143.97	244.68	279.89	195.18	348.14 PHASE
664	3.87	54.58	617	38.88	21.39	11.48	5.37	7.72	2.53	1.48	3.24 AMP
				141.74	326.89	2.17	155.48	264.31	299.38	215.26	5.62 PHASE
665	4.44	54.99	615	38.58	22.84	11.33	4.93	8.83	2.49	1.25	3.38 AMP
				143.72	328.76	4.66	158.84	265.68	388.28	216.21	2.88 PHASE
666	-7.65	38.46	616	25.25	14.63	4.87	4.63	7.62	.52	1.42	1.98 AMP
				128.48	326.52	354.74	169.92	244.16	282.96	226.87	27.27 PHASE
667	-4.61	39.81	616	25.56	14.85	5.29	5.88	7.41	.52	1.28	1.78 AMP
				135.56	338.18	7.57	186.92	266.18	314.11	255.91	58.24 PHASE
668	-1.91	41.16	616	26.82	15.27	6.12	5.46	7.35	.61	.75	1.88 AMP
				135.69	335.54	2.41	174.29	253.88	279.24	222.58	42.93 PHASE
669	1.14	44.19	616	26.48	15.98	7.38	5.39	7.77	.79	.91	1.92 AMP
				134.25	326.64	353.25	158.98	229.81	267.87	198.27	352.47 PHASE
670	4.28	45.69	616	27.59	17.39	8.28	5.37	7.21	.95	.98	2.29 AMP
				142.47	337.81	11.14	168.33	254.39	321.61	288.26	14.94 PHASE
671	7.66	49.16	616	28.77	18.64	9.15	5.39	7.33	.79	.75	2.42 AMP
				141.15	329.96	359.77	143.98	234.86	318.83	149.97	341.23 PHASE
672	9.26	58.65	616	29.22	19.17	9.39	5.28	7.57	.88	.61	2.59 AMP
				144.72	333.64	6.11	149.87	242.95	326.87	147.18	352.49 PHASE
673	-1.93	33.77	616	23.14	12.24	3.72	3.61	5.66	.48	.17	1.22 AMP
				138.97	332.64	331.12	168.48	243.98	14.78	262.82	358.47 PHASE
674	1.13	36.59	616	23.48	12.55	4.28	4.15	5.59	.35	.25	1.83 AMP
				135.84	339.12	343.36	171.64	251.99	358.25	316.58	28.46 PHASE
675	3.76	38.11	615	24.17	13.21	4.97	4.49	6.84	.52	.18	.81 AMP
				141.41	345.94	1.82	181.84	257.86	334.84	177.92	2.92 PHASE
676	6.99	48.86	616	25.47	14.39	5.67	4.94	6.57	.58	.32	.86 AMP
				137.82	333.54	358.14	148.87	221.83	381.22	168.88	324.59 PHASE
677	9.98	44.86	616	26.57	15.56	6.38	5.29	6.73	.87	.44	1.88 AMP
				142.77	338.29	3.28	149.88	233.78	333.11	139.21	335.81 PHASE
678	11.83	46.24	616	27.48	16.58	7.33	5.43	6.97	.95	.42	1.46 AMP
				142.96	334.76	2.69	139.71	226.66	338.41	117.39	336.37 PHASE

TABLE VIII.- Continued

(f) Continued

CHORDWISE 77 PERCENT RADIUS												
PT NO	RUN NO		1/2 P-P	RPM	Z#							
	MEAN	Z#			1P	2P	3P	4P	5P	6P	7P	8P
653	-14.76	35.49	615	7.48	6.32	7.17	3.45	2.21	7.56	7.9#	1.17	AMP
				151.71	338.85	38.39	142.49	327.76	124.55	161.18	199.91	PHASE
654	-14.22	48.35	615	6.43	5.55	8.33	4.8#	2.98	11.62	9.71	1.63	AMP
				156.84	316.93	8.33	184.96	278.27	99.18	128.33	198.65	PHASE
655	-12.98	41.15	615	5.19	4.84	9.2#	5.23	4.26	13.73	11.82	9.86	AMP
				166.96	318.22	9.62	97.95	285.29	127.25	149.74	288.36	PHASE
656	-12.83	44.47	614	4.48	4.47	9.78	6.13	5.85	14.25	11.81	1.48	AMP
				172.88	321.72	11.44	98.82	292.95	144.61	165.83	161.11	PHASE
657	-11.18	42.93	615	3.61	4.17	18.24	6.71	5.88	13.73	11.31	.86	AMP
				176.57	385.31	358.57	67.87	261.87	117.35	138.51	183.88	PHASE
658	-18.68	44.34	615	2.7#	4.8#	18.95	7.36	6.67	14.71	12.86	1.16	AMP
				189.17	382.89	347.46	64.39	264.97	129.11	136.41	182.14	PHASE
659	-14.58	25.49	617	7.86	5.51	6.19	3.12	4.11	5.32	5.87	1.18	AMP
				141.66	318.22	7.36	182.88	276.37	113.38	131.62	111.89	PHASE
668	-14.52	27.48	616	6.14	4.61	6.87	4.81	4.61	6.47	6.37	1.82	AMP
				143.32	312.82	353.75	75.11	251.21	181.82	111.28	87.78	PHASE
661	-14.21	33.87	616	4.71	4.13	6.89	5.36	6.84	6.64	6.99	1.18	AMP
				152.78	319.86	3.83	85.88	275.99	139.88	141.67	117.48	PHASE
662	-12.84	35.33	616	3.82	3.81	8.83	7.83	7.85	7.88	8.76	1.57	AMP
				158.17	387.69	346.48	63.88	257.97	136.22	126.59	86.11	PHASE
663	-11.29	41.28	616	1.85	3.79	9.55	8.71	6.78	9.83	9.28	2.21	AMP
				189.12	297.78	332.26	47.83	245.31	148.18	112.47	78.85	PHASE
664	-18.26	43.86	617	.81	3.95	18.88	9.51	6.87	18.49	9.83	2.41	AMP
				268.81	382.72	341.81	68.24	261.79	169.46	144.26	185.89	PHASE
665	-9.59	45.44	615	1.56	4.23	11.13	9.93	6.85	18.88	9.15	2.43	AMP
				297.51	299.51	339.99	61.84	262.73	178.61	149.85	186.77	PHASE
666	-13.27	21.82	616	7.24	4.73	3.15	2.46	4.68	1.14	2.75	.46	AMP
				139.47	314.99	7.88	95.23	268.59	68.43	117.38	85.51	PHASE
667	-12.82	21.34	616	6.59	4.2#	3.62	2.97	4.82	1.35	2.96	.69	AMP
				146.68	322.72	9.98	188.34	273.16	111.78	145.32	135.67	PHASE
668	-13.64	22.69	616	5.32	3.78	4.38	4.15	5.98	3.53	3.63	.78	AMP
				146.58	313.64	367.91	69.77	254.23	128.13	122.58	185.85	PHASE
669	-13.67	26.72	616	3.36	3.44	5.35	6.23	6.63	3.82	4.93	1.61	AMP
				143.65	298.98	337.12	48.88	233.88	162.13	99.88	78.66	PHASE
678	-12.88	29.27	616	1.24	3.84	6.67	7.92	6.64	5.39	4.81	1.68	AMP
				158.88	388.98	346.47	68.13	255.21	289.42	149.38	129.44	PHASE
671	-11.28	36.31	616	1.58	4.47	8.33	9.91	6.31	4.56	5.85	1.84	AMP
				323.18	296.88	327.59	46.33	238.12	177.25	118.99	184.94	PHASE
672	-18.81	36.23	616	3.86	4.85	9.23	18.47	6.66	3.91	4.95	1.73	AMP
				327.89	388.42	329.88	52.86	234.81	196.71	124.85	132.82	PHASE
673	-2.74	28.18	616	6.76	4.8#	2.47	2.11	4.88	3.95	2.22	.46	AMP
				142.33	373.81	353.59	72.83	243.56	21.54	183.46	78.82	PHASE
674	-12.41	28.26	616	5.75	3.82	3.85	2.95	4.67	5.72	2.65	.39	AMP
				147.78	397.17	353.27	58.94	241.63	84.19	91.41	35.73	PHASE
675	-12.98	21.18	615	4.24	3.75	3.68	4.75	5.75	3.89	3.21	1.34	AMP
				150.85	383.53	352.35	69.26	257.38	166.83	131.31	94.79	PHASE
676	-13.23	24.82	616	1.85	1.28	4.61	6.48	6.59	3.72	2.35	1.35	AMP
				132.67	288.18	324.27	45.38	219.82	231.74	182.56	92.69	PHASE
677	-12.51	29.75	616	1.81	4.85	5.66	7.93	7.48	4.32	2.25	1.18	AMP
				3.64	297.12	323.22	51.26	224.85	284.86	188.37	141.24	PHASE
678	-11.48	29.84	616	2.72	5.48	5.86	8.71	7.73	3.78	2.52	.94	AMP
				345.82	285.58	313.89	42.54	218.91	288.15	89.28	128.26	PHASE

TABLE VIII.- Continued

(f) Continued

TORSION 75 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	2.44	12.64	615	5.3#	5.3#	.57	1.66	1.25	1.48	.92	.73	AMP
				287.34	126.31	215.3#	7.36	46.46	194.24	79.22	187.72	PHASE
654	.52	12.43	615	7.43	4.88	.52	1.69	1.3#	1.4#	.85	.65	AMP
				296.48	128.42	218.89	352.2#	18.12	163.47	41.17	147.84	PHASE
655	-1.25	11.98	615	4.84	4.52	.66	1.63	1.38	1.42	.86	.78	AMP
				313.26	138.37	221.54	4.85	23.54	188.15	63.18	167.89	PHASE
656	-2.2#	11.91	614	3.92	4.34	.77	1.53	1.29	1.43	.81	.71	AMP
				322.41	137.25	221.54	11.73	32.82	189.82	68.65	175.38	PHASE
657	-3.13	11.74	615	3.79	4.19	.87	1.45	1.38	1.36	.81	.69	AMP
				325.97	127.94	197.2#	361.87	3.86	149.72	25.82	116.69	PHASE
658	-4.83	11.34	615	3.89	4.1#	1.81	1.39	1.43	1.35	.8#	.49	AMP
				335.81	132.3#	192.85	352.64	9.84	146.87	23.36	188.51	PHASE
659	1.72	18.98	617	4.62	4.61	.15	1.53	1.29	1.15	.67	.32	AMP
				274.58	111.31	272.88	342.21	3.87	155.19	54.66	118.57	PHASE
660	-.84	9.81	616	3.82	4.84	.3#	1.63	1.33	1.83	.71	.32	AMP
				283.12	111.51	251.48	329.73	345.92	138.2#	28.55	96.38	PHASE
661	-1.65	9.51	616	3.24	3.63	.35	1.62	1.44	1.13	.76	.33	AMP
				383.28	127.84	244.88	356.21	9.58	162.16	69.94	134.41	PHASE
662	-3.47	9.11	616	2.94	3.32	.65	1.51	1.53	1.18	.66	.26	AMP
				328.62	127.87	214.12	342.92	353.17	135.13	37.14	66.8#	PHASE
663	-5.38	9.24	616	3.2#	3.21	.74	1.39	1.6#	1.23	.57	.34	AMP
				348.84	132.58	194.29	329.41	343.7#	115.28	.76	354.88	PHASE
664	-6.28	18.3#	617	3.53	3.27	.83	1.34	1.67	1.3#	.51	.39	AMP
				354.86	143.55	198.14	344.18	5.69	135.27	25.48	15.36	PHASE
665	-7.87	18.7#	615	3.9#	3.32	.83	1.27	1.69	1.32	.45	.4#	AMP
				1.82	148.97	198.11	348.69	12.91	138.19	28.87	24.12	PHASE
666	1.14	8.2#	616	3.96	3.4#	.36	1.34	1.19	.66	.42	.88	AMP
				267.5#	185.79	387.55	329.18	356.53	132.19	29.98	76.19	PHASE
667	-.48	6.64	616	3.24	2.78	.49	1.39	1.16	.68	.42	.12	AMP
				281.5#	121.16	296.41	345.88	14.27	152.66	68.58	183.28	PHASE
668	-2.16	6.39	616	2.63	2.36	.58	1.37	1.2#	.7#	.35	.14	AMP
				295.53	128.94	269.24	337.28	359.12	132.76	24.87	144.68	PHASE
669	-4.85	6.85	616	2.3#	2.17	.64	1.26	1.37	.8#	.35	.86	AMP
				318.88	133.52	223.35	328.76	343.57	188.53	336.58	16.81	PHASE
670	-5.89	7.77	616	2.7#	2.3#	.77	1.18	1.36	.87	.37	.2#	AMP
				351.28	187.55	238.75	338.67	12.9#	144.16	351.62	34.68	PHASE
671	-7.85	8.84	616	3.62	2.57	.98	1.14	1.45	.98	.38	.26	AMP
				7.56	168.88	285.88	316.21	356.31	119.54	289.87	347.85	PHASE
672	-8.81	9.63	616	4.27	2.71	1.84	1.1#	1.45	1.83	.42	.31	AMP
				15.64	168.59	286.44	324.38	7.7#	132.84	293.61	4.89	PHASE
673	-1.22	4.76	616	2.53	1.82	.43	1.86	.87	.44	.25	.31	AMP
				278.14	186.39	281.86	328.65	357.35	185.94	9.38	67.82	PHASE
674	-2.83	4.46	616	1.81	1.46	.39	1.85	.92	.58	.27	.23	AMP
				298.49	138.57	268.92	327.88	.63	189.16	12.3#	83.47	PHASE
675	-4.5#	4.46	615	1.59	1.48	.54	.99	1.14	.51	.27	.21	AMP
				328.75	159.11	258.87	348.54	17.61	127.37	7.94	47.15	PHASE
676	-6.48	5.59	616	2.23	1.78	.68	.99	1.2#	.51	.38	.28	AMP
				357.84	167.27	219.36	388.38	346.98	187.48	281.68	328.7#	PHASE
677	-8.21	7.24	616	3.21	2.12	.98	.99	1.21	.66	.47	.36	AMP
				15.42	188.28	216.27	318.68	1.57	129.82	271.51	352.79	PHASE
678	-9.29	8.24	616	4.82	2.44	1.87	1.83	1.28	.73	.53	.33	AMP
				19.69	179.93	284.26	383.36	356.42	123.73	261.75	351.87	PHASE

TABLE VIII.- Continued

(f) Concluded

PITCH LINK												
RUN NO		2#										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	-3.87	12.74	615	3.44	2.81	2.14	3.25	3.89	1.56	.23	2.68	AMP
				123.55	338.99	257.72	168.51	265.83	359.13	133.41	265.96	PHASE
654	-1.96	13.33	615	2.72	2.48	1.94	3.47	3.78	1.65	.16	2.18	AMP
				146.24	344.23	242.64	137.19	237.27	341.89	288.18	237.86	PHASE
655	-.18	16.23	615	2.81	2.39	1.95	3.78	4.44	1.52	.24	2.18	AMP
				175.88	1.58	242.12	148.16	251.79	355.55	388.88	246.67	PHASE
656	.95	16.19	614	3.15	2.47	1.32	3.82	4.71	1.39	.43	2.13	AMP
				187.77	18.51	242.71	143.33	265.18	9.22	381.78	255.81	PHASE
657	1.95	16.66	615	3.73	2.58	1.88	3.88	4.93	1.25	.34	1.98	AMP
				192.36	.87	219.17	118.20	234.78	336.32	258.73	281.34	PHASE
658	2.99	17.61	615	4.34	2.66	.77	3.92	5.29	1.34	.52	1.86	AMP
				199.29	5.77	282.14	117.20	239.23	331.54	268.55	197.83	PHASE
659	-2.48	9.29	617	2.72	1.77	2.16	2.67	2.72	.68	.65	1.82	AMP
				81.68	315.41	198.98	134.76	226.51	312.24	95.87	216.39	PHASE
660	-.78	9.49	616	1.79	1.29	1.99	2.95	3.24	.88	.97	1.98	AMP
				185.88	331.25	179.93	116.43	287.96	289.17	76.85	195.83	PHASE
661	.84	18.71	616	1.28	1.17	2.18	3.83	3.83	.76	.14	.64	AMP
				181.22	2.62	187.19	133.27	236.14	321.47	183.52	246.98	PHASE
662	2.61	11.66	616	1.81	1.33	1.97	3.22	4.28	.66	.19	.74	AMP
				197.86	16.48	163.87	117.41	222.38	318.23	181.76	194.91	PHASE
663	4.63	11.86	616	3.15	1.79	2.85	3.58	4.46	.75	.54	.98	AMP
				213.52	21.87	136.56	187.95	214.72	388.47	43.82	161.68	PHASE
664	5.48	13.33	617	4.12	2.82	2.87	3.58	4.71	.99	.67	.99	AMP
				219.74	38.52	137.45	123.58	235.56	323.88	62.35	181.53	PHASE
665	6.31	14.96	615	5.83	2.27	2.28	3.44	4.73	1.89	.81	.95	AMP
				222.45	35.58	131.47	127.48	248.31	329.41	49.47	181.75	PHASE
666	-1.31	7.91	616	2.77	.79	2.31	1.87	2.57	.65	.49	.64	AMP
				55.77	332.52	165.34	132.17	285.99	291.63	74.68	236.41	PHASE
667	.27	7.76	616	1.75	.68	2.48	2.87	2.76	.71	.48	.41	AMP
				59.25	31.79	169.58	148.97	222.23	388.65	72.92	274.86	PHASE
668	1.98	9.48	616	.58	.87	2.27	2.11	3.41	.64	.89	.87	AMP
				49.82	58.84	163.88	124.66	212.12	319.99	358.67	269.96	PHASE
669	3.84	8.89	616	.98	1.24	2.32	2.37	3.65	.62	.39	.45	AMP
				223.19	44.95	138.39	188.86	198.81	385.51	48.75	197.85	PHASE
670	5.59	18.76	616	2.56	1.72	2.56	2.53	3.39	.72	.74	.71	AMP
				228.18	57.81	135.72	135.14	231.98	358.63	64.78	288.88	PHASE
671	7.68	13.53	616	4.65	2.28	3.81	2.75	3.74	1.18	.65	.93	AMP
				226.54	47.63	186.84	119.22	213.19	338.66	48.79	176.98	PHASE
672	8.62	14.64	616	5.83	2.48	3.28	2.76	3.78	1.48	.71	1.82	AMP
				226.66	58.33	186.51	129.86	222.99	343.45	64.34	186.24	PHASE
673	1.53	8.65	616	2.56	.89	2.76	1.25	2.44	.94	.17	.65	AMP
				19.95	78.85	139.21	123.85	194.87	275.26	236.17	235.39	PHASE
674	3.15	9.25	616	1.38	1.36	2.49	1.45	3.88	.84	.46	.52	AMP
				5.25	79.83	138.82	119.91	288.87	291.17	237.88	257.86	PHASE
675	4.81	8.93	615	1.17	1.76	2.64	1.76	3.14	.65	.32	.34	AMP
				297.35	88.14	139.58	135.15	223.17	384.43	315.51	258.65	PHASE
676	6.78	9.96	616	2.78	2.21	3.18	1.96	2.92	.49	.22	.55	AMP
				258.89	62.27	187.58	115.89	198.89	314.18	53.59	182.84	PHASE
677	8.55	11.47	616	4.68	2.64	3.57	2.82	2.82	.98	.42	.67	AMP
				241.47	61.54	182.66	127.69	282.23	354.44	77.84	191.74	PHASE
678	9.62	13.33	616	6.81	2.95	3.88	2.16	2.93	1.16	.58	.92	AMP
				235.87	53.72	89.99	122.48	195.76	339.73	98.94	184.68	PHASE

TABLE VIII.- Continued

(g) $\mu = 0.40$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CE/SIGMA
693	.2	2.5	2.0	.02082	.00302	.00155
694	-.1	3.7	3.9	.03370	.00287	.00170
695	-.5	5.2	6.0	.04604	.00244	.00200
696	-.9	6.3	7.9	.05821	.00229	.00249
697	-1.4	7.5	9.8	.07007	.00188	.00309
698	.3	2.5	3.9	.01059	.00231	.00184
699	-.1	3.7	6.0	.02412	.00080	.00248
700	-.5	4.9	7.9	.03520	-.00034	.00311
701	-1.0	6.0	9.9	.04761	-.00168	.00380
702	-1.6	7.2	11.9	.06024	-.00316	.00473
703	-2.2	8.4	13.8	.07182	-.00478	.00573
704	-.1	4.0	7.9	.01348	.00129	.00241
705	-.4	5.3	10.0	.02746	-.00155	.00356
706	-1.1	6.4	11.9	.03838	-.00368	.00453
707	-1.5	7.7	13.9	.04997	-.00617	.00574
708	-2.3	8.8	15.9	.06293	-.00883	.00719
709	-2.5	9.0	16.9	.06917	-.00994	.00805
710	-2.9	9.6	17.9	.07549	-.01159	.00889

TABLE VIII.- Continued

(g) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	48.68	38.83	658	14.84	18.89	18.32	7.82	9.84	3.16	4.49	5.57 AMP
				155.98	333.82	63.69	2.26	121.78	7.59	231.33	61.61 PHASE
694	42.17	39.29	658	14.71	18.59	18.12	7.41	9.74	3.13	4.42	5.92 AMP
				158.25	322.87	46.19	342.81	94.88	335.28	281.15	21.28 PHASE
695	43.79	39.54	658	15.88	18.47	9.97	7.26	18.26	2.68	3.81	5.89 AMP
				148.76	322.88	41.31	334.38	98.59	339.45	288.93	18.52 PHASE
696	45.19	38.52	649	15.34	18.84	9.76	7.53	18.34	2.35	2.44	5.91 AMP
				158.42	328.81	48.71	345.86	187.82	357.69	222.12	47.99 PHASE
697	46.61	37.68	649	15.38	18.77	9.57	7.43	18.64	2.29	1.54	4.94 AMP
				144.55	321.68	34.48	326.23	88.98	327.84	188.68	23.25 PHASE
698	48.92	27.95	658	12.93	8.32	7.25	3.64	7.88	2.85	2.94	2.68 AMP
				154.49	331.35	27.57	328.98	67.28	321.64	218.85	13.42 PHASE
699	42.75	28.28	658	13.24	8.82	7.74	4.28	8.32	2.83	2.78	2.61 AMP
				155.64	336.27	31.43	333.86	72.64	329.89	236.61	31.89 PHASE
700	44.23	29.69	651	13.75	9.48	7.89	5.84	9.18	2.71	2.58	2.85 AMP
				154.58	337.46	27.81	332.59	73.51	324.73	238.82	47.28 PHASE
701	45.89	29.78	658	13.98	9.41	8.31	5.58	9.58	2.58	2.35	2.99 AMP
				148.73	338.73	16.67	317.88	68.49	384.65	221.89	33.64 PHASE
702	47.58	29.43	658	13.85	9.58	8.36	5.69	9.72	2.94	1.74	2.28 AMP
				146.74	333.44	18.34	318.38	69.62	388.58	228.53	48.34 PHASE
703	49.83	28.18	658	13.89	9.55	8.17	5.68	9.65	3.23	1.12	1.58 AMP
				138.74	325.43	.79	297.89	51.74	298.58	282.12	14.64 PHASE
704	43.12	23.67	649	11.92	7.71	4.79	2.28	6.26	1.78	1.89	1.89 AMP
				158.25	339.38	13.69	351.74	58.78	331.28	248.62	15.18 PHASE
705	45.88	24.86	658	12.16	7.88	5.25	3.21	7.45	1.65	1.64	1.52 AMP
				154.26	337.99	8.78	339.13	47.38	388.82	244.68	38.94 PHASE
706	46.48	25.88	658	12.28	8.13	5.68	3.83	7.76	1.87	1.49	1.78 AMP
				151.32	338.92	7.28	336.23	58.18	382.21	237.39	38.17 PHASE
707	48.87	25.34	658	12.37	8.71	5.66	4.44	7.63	1.98	1.22	1.37 AMP
				147.68	343.39	4.89	334.81	53.97	382.83	226.43	48.25 PHASE
708	49.89	24.55	658	12.12	8.98	5.47	5.67	8.87	1.91	1.46	1.46 AMP
				139.86	334.82	35.28	318.98	42.83	285.56	196.91	19.18 PHASE
709	58.84	25.21	658	12.88	9.33	5.49	4.98	8.28	1.95	.56	1.34 AMP
				134.53	333.73	346.28	312.39	38.48	276.28	182.81	18.91 PHASE
710	51.92	24.99	651	11.94	9.49	5.18	4.78	8.22	1.86	.45	1.31 AMP
				129.22	332.88	348.12	387.35	39.97	288.47	188.83	2.67 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	63.33	55.97	658	18.68	18.98	6.12	9.12	4.29	8.88	6.82	1.79 AMP
				269.54	145.69	288.88	85.74	2.81	87.89	131.64	94.81 PHASE
694	61.78	68.29	658	21.71	14.96	18.51	18.38	5.45	11.66	9.89	1.37 AMP
				277.48	141.58	275.85	59.88	342.78	68.83	94.59	79.63 PHASE
695	59.52	69.32	658	25.87	19.55	14.71	9.85	5.76	14.28	18.65	1.88 AMP
				292.59	144.88	276.83	43.75	342.94	52.34	92.13	187.19 PHASE
696	57.73	88.44	649	31.33	25.53	18.33	12.88	4.97	16.74	12.62	1.69 AMP
				318.53	156.15	284.98	49.67	338.31	88.18	117.52	156.97 PHASE
697	55.92	86.17	649	39.17	29.42	22.82	13.35	6.26	19.28	14.33	2.21 AMP
				328.79	154.51	272.48	28.47	298.27	98.18	182.68	152.48 PHASE
698	68.77	49.69	658	17.15	9.43	6.96	9.64	7.66	5.46	3.83	.91 AMP
				268.84	135.36	256.61	78.83	388.83	58.94	68.28	29.21 PHASE
699	61.25	52.35	658	18.13	12.34	11.17	18.85	7.73	7.17	5.29	.95 AMP
				278.68	144.42	268.87	67.57	324.32	65.26	83.56	72.35 PHASE
700	62.12	61.78	651	22.12	17.78	13.91	12.21	8.52	7.16	6.25	.48 AMP
				294.16	152.17	278.43	54.25	294.21	71.96	98.33	96.88 PHASE
701	62.85	76.81	658	27.59	23.46	18.89	14.89	18.49	9.38	7.65	1.67 AMP
				389.76	158.74	255.98	38.97	278.12	84.58	71.85	139.82 PHASE
702	61.93	87.99	658	36.28	26.25	23.21	15.95	18.53	12.83	8.62	2.24 AMP
				325.71	168.42	258.76	43.41	298.78	111.58	91.98	168.89 PHASE
703	61.27	95.78	658	45.83	29.57	28.98	16.74	9.41	16.22	9.54	2.25 AMP
				338.48	157.95	247.37	26.55	268.93	181.93	75.74	138.88 PHASE
704	59.22	39.67	649	13.96	8.78	7.88	18.23	6.35	1.73	2.89	.46 AMP
				262.24	168.24	249.29	75.52	291.67	23.86	69.98	47.27 PHASE
705	61.58	51.42	658	16.36	14.88	18.72	12.29	7.94	3.62	4.83	.68 AMP
				298.53	157.38	249.54	44.81	259.21	31.89	52.98	163.91 PHASE
706	63.33	64.12	658	21.83	17.89	15.33	15.89	18.84	5.58	4.98	1.27 AMP
				311.27	165.18	245.17	37.82	254.38	83.32	64.62	153.48 PHASE
707	65.11	76.42	658	31.57	21.78	21.62	18.42	11.38	8.88	5.71	1.68 AMP
				327.88	173.89	243.61	39.24	258.34	118.97	83.71	178.47 PHASE
708	66.39	53.96	658	44.14	25.47	23.28	13.78	11.36	7.42	6.23	1.88 AMP
				336.93	171.25	248.28	27.19	228.61	97.92	74.84	178.61 PHASE
709	67.17	108.66	658	53.14	37.37	32.67	19.48	11.66	8.21	6.69	2.38 AMP
				341.19	175.43	238.71	22.76	214.68	89.88	69.18	171.88 PHASE
710	67.62	116.18	651	61.86	39.23	35.68	17.88	12.53	6.81	6.51	2.28 AMP
				345.88	179.68	239.41	28.16	213.71	79.53	67.88	179.17 PHASE

TABLE VIII.- Continued

(g) Continued

TORSION 28 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	4.88	13.53	65Ø	5.48	5.86	1.58	3.17	2.63	2.18	.98	.76
				298.43	136.83	73.79	338.91	75.17	178.68	344.44	63.42
694	2.57	13.44	65Ø	4.66	4.53	1.39	3.21	2.78	2.14	1.17	.77
				296.88	138.21	39.63	385.57	44.53	157.23	316.55	47.88
695	.17	13.87	65Ø	3.97	4.15	1.25	2.99	3.18	2.85	1.21	.77
				313.54	132.83	27.81	381.14	33.35	153.46	325.58	46.89
696	-2.31	13.39	649	3.96	3.81	.84	2.93	3.47	1.78	1.48	.84
				337.31	147.88	13.42	387.83	58.12	183.73	13.27	96.48
697	-4.92	13.71	649	4.74	3.62	.69	2.98	4.21	1.38	1.36	.75
				354.74	144.38	337.69	286.49	35.98	157.88	9.42	75.24
698	4.86	12.82	65Ø	5.29	4.38	2.86	2.83	1.88	1.83	.71	.35
				263.98	189.42	2.86	289.34	36.58	115.27	327.65	.33
699	1.71	18.49	65Ø	3.98	3.68	2.11	2.94	1.87	.79	1.87	.22
				275.88	115.17	357.85	292.23	34.45	128.78	345.96	37.12
700	-.48	18.41	651	2.94	2.95	2.34	2.83	2.25	.71	1.48	.52
				284.66	117.82	343.95	289.23	28.73	151.56	.74	189.68
701	-2.98	9.91	65Ø	2.38	2.47	2.12	2.93	2.89	.65	1.43	.56
				313.93	121.23	329.74	277.88	21.84	188.64	342.23	186.88
702	-5.47	18.81	65Ø	2.65	2.29	2.18	3.22	3.52	.74	1.28	.28
				353.97	129.59	324.86	282.65	36.16	115.27	346.48	146.53
703	-7.92	11.68	65Ø	3.87	2.25	2.24	3.26	4.83	.98	.88	.19
				14.28	136.29	385.28	265.64	24.86	96.94	329.73	126.16
704	1.15	8.98	649	3.86	2.11	2.37	2.11	1.49	.46	.58	.14
				268.58	111.14	332.67	289.77	17.79	82.84	346.17	147.78
705	-1.42	8.93	65Ø	2.61	1.47	2.32	1.99	1.98	.34	1.88	.48
				273.93	113.23	316.15	276.72	1.92	115.49	336.88	189.73
706	-3.61	8.88	65Ø	1.82	1.11	2.51	2.16	2.41	.21	.88	.59
				295.97	122.89	310.95	275.41	13.56	135.49	337.88	114.26
707	-5.99	8.56	65Ø	1.84	1.88	2.82	2.28	2.66	.19	.78	.39
				343.14	145.14	383.55	278.53	28.42	156.13	338.37	185.89
708	-8.63	9.55	65Ø	3.07	1.18	3.19	2.32	2.78	.50	.78	.46
				13.37	157.25	283.37	268.86	17.96	134.24	384.83	75.83
709	-18.85	18.86	65Ø	4.03	1.27	3.53	2.25	2.89	.63	.76	.49
				27.63	167.67	276.91	266.85	16.70	133.82	297.89	71.62
710	-11.56	11.88	651	5.23	1.32	3.78	1.98	2.83	.82	.77	.52
				24.93	169.83	275.72	266.64	15.19	128.76	287.73	78.91

TABLE VIII.- Continued

(g) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	22.14	36.21	650	19.45	14.40	10.66	6.28	4.10	.93	.45	2.06 AMP
				147.28	333.07	58.50	353.00	133.36	22.89	311.21	229.22 PHASE
694	23.54	37.26	650	20.51	14.96	10.01	6.38	3.90	.94	.40	2.14 AMP
				141.97	323.82	42.04	334.99	105.98	353.91	260.55	188.50 PHASE
695	25.12	37.24	650	21.11	15.05	11.03	6.22	4.17	.85	.35	2.00 AMP
				141.13	321.84	38.53	328.15	102.37	1.20	254.32	186.94 PHASE
696	26.40	38.35	649	22.00	15.70	11.30	6.10	4.26	.75	.51	2.13 AMP
				143.77	327.38	47.14	339.96	117.89	37.83	262.60	214.89 PHASE
697	27.78	38.53	649	22.63	15.90	11.73	5.89	4.52	.53	.71	1.87 AMP
				139.63	319.74	35.01	321.35	98.32	31.70	239.04	191.45 PHASE
698	23.39	26.58	650	16.96	11.71	7.56	3.70	3.53	.76	.25	1.13 AMP
				141.67	331.92	33.94	322.33	69.98	324.60	222.70	184.16 PHASE
699	25.09	28.29	650	17.72	12.32	8.22	4.14	3.74	.87	.26	.99 AMP
				143.52	335.58	39.57	328.48	74.53	334.10	230.10	199.59 PHASE
700	26.43	29.79	651	18.84	13.22	9.55	4.61	4.18	.81	.31	1.00 AMP
				143.34	336.30	38.57	329.01	75.48	342.85	239.43	212.76 PHASE
701	27.89	32.05	650	19.73	13.72	9.70	4.93	4.26	.90	.32	.98 AMP
				140.09	327.94	27.00	314.88	62.05	326.98	226.57	198.59 PHASE
702	29.38	33.23	650	20.37	14.03	10.25	4.88	4.39	.79	.45	.67 AMP
				140.76	329.79	30.45	316.31	70.21	325.57	239.55	210.11 PHASE
703	30.04	34.19	650	21.25	14.34	10.07	4.61	4.48	.72	.53	.45 AMP
				135.58	321.69	17.34	298.90	50.34	299.07	215.03	171.00 PHASE
704	26.37	21.58	649	14.99	10.45	5.22	2.05	3.17	.40	.16	.60 AMP
				143.40	341.38	32.23	333.56	54.74	301.06	224.76	190.25 PHASE
705	28.01	23.22	650	15.90	10.09	6.13	2.73	3.00	.40	.20	.60 AMP
				141.40	337.53	28.17	324.19	43.95	301.29	197.26	194.16 PHASE
706	29.42	24.60	650	16.86	11.43	7.09	3.12	4.00	.41	.12	.63 AMP
				140.95	338.14	28.12	325.40	46.92	298.63	225.37	203.00 PHASE
707	30.95	26.26	650	18.00	12.38	7.80	3.45	3.94	.37	.11	.47 AMP
				140.46	333.65	23.51	326.07	48.95	285.51	265.09	200.84 PHASE
708	32.56	28.25	650	18.82	13.01	8.56	3.52	4.32	.40	.26	.47 AMP
				136.91	332.51	23.16	312.98	36.11	241.95	230.55	173.38 PHASE
709	33.36	28.79	650	19.41	13.59	9.89	3.61	4.44	.47	.21	.45 AMP
				135.44	330.34	23.14	307.49	30.01	226.40	221.86	158.95 PHASE
710	34.34	28.95	651	19.67	13.68	8.72	3.47	4.55	.43	.35	.42 AMP
				134.26	328.77	18.79	303.46	32.52	228.89	243.18	151.67 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	31.36	60.97	650	19.02	9.43	4.09	12.33	5.84	11.57	10.03	5.11 AMP
				200.61	144.57	323.03	76.50	2.48	04.06	129.43	192.79 PHASE
694	30.00	72.46	650	22.52	13.07	8.15	15.56	6.37	17.54	15.23	6.21 AMP
				205.05	141.70	299.75	51.20	340.23	56.96	92.96	155.66 PHASE
695	27.53	84.67	650	26.98	17.10	12.96	16.51	6.32	22.04	17.37	6.56 AMP
				295.91	145.22	298.69	41.18	330.26	46.02	91.53	153.00 PHASE
696	25.31	97.11	649	32.34	22.41	16.02	20.21	4.92	26.08	19.41	5.94 AMP
				310.74	150.26	309.03	50.64	318.54	82.05	121.22	107.90 PHASE
697	22.76	102.73	649	39.04	26.37	20.66	22.07	7.56	30.93	21.60	4.04 AMP
				318.24	157.24	298.02	31.09	279.42	86.06	107.92	157.97 PHASE
698	29.00	50.69	650	15.29	7.69	3.01	12.77	11.06	7.04	6.39	1.03 AMP
				272.66	139.13	269.06	60.11	303.09	45.98	64.66	133.03 PHASE
699	28.92	69.12	650	17.03	10.34	7.73	15.47	11.42	10.03	9.47	2.33 AMP
				207.00	140.50	202.77	59.04	323.11	57.96	03.46	137.29 PHASE
700	29.24	66.30	651	22.30	14.91	10.11	10.10	11.61	11.39	9.87	2.40 AMP
				298.41	156.61	207.94	49.04	295.40	61.44	91.38	152.30 PHASE
701	28.39	77.19	650	27.42	19.75	13.60	22.04	13.71	13.97	12.30	3.05 AMP
				300.14	154.11	276.75	35.30	277.10	76.60	73.31	138.60 PHASE
702	27.71	86.62	650	34.57	22.51	10.32	24.12	13.73	19.52	13.91	2.90 AMP
				320.57	163.75	200.46	40.30	209.27	100.70	94.37	141.23 PHASE
703	25.98	93.69	650	41.99	26.04	23.24	25.69	12.67	25.21	15.21	3.00 AMP
				324.97	162.95	270.50	24.10	271.11	101.55	00.25	102.13 PHASE
704	27.24	37.17	649	12.31	7.21	3.03	13.67	9.29	2.98	4.79	1.22 AMP
				274.77	171.21	240.97	64.30	295.07	15.42	60.15	126.03 PHASE
705	28.45	49.56	650	15.76	11.77	6.35	17.37	10.20	6.59	6.36	1.00 AMP
				293.30	165.07	261.97	40.29	261.50	16.14	57.34	143.22 PHASE
706	29.48	63.40	650	20.77	15.10	9.96	21.33	13.95	8.01	8.26	2.16 AMP
				303.48	171.20	259.12	35.09	254.03	74.43	61.91	137.00 PHASE
707	30.22	79.33	650	20.57	10.70	14.90	26.11	14.03	12.63	9.30	2.70 AMP
				321.57	177.07	261.10	36.03	251.15	109.50	01.47	139.60 PHASE
708	30.19	94.37	650	30.04	22.43	21.09	27.13	13.05	11.72	9.41	3.11 AMP
				329.41	179.02	255.29	25.06	230.13	109.62	77.14	122.03 PHASE
709	30.03	103.96	650	44.87	24.50	23.09	20.54	13.06	12.79	9.76	3.37 AMP
				333.41	173.03	255.15	22.70	216.23	93.10	73.20	137.49 PHASE
710	29.34	111.40	651	52.12	27.27	25.61	26.65	14.14	10.50	3.79	3.15 AMP
				330.07	103.35	257.37	10.79	215.70	05.00	60.00	143.64 PHASE

TABLE VIII.- Continued

(g) Continued

TORSION 36 PERCENT RADIUS												
RUN NO		21										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
693	4.88	13.58	658	5.84	5.58	1.21	2.77	2.28	1.88	.92	.49	AMP
				288.83	116.57	64.17	298.42	32.91	132.57	384.28	14.88	PHASE
694	1.82	13.65	658	5.28	5.88	.92	2.83	2.31	1.88	1.87	.54	AMP
				295.85	188.56	29.94	273.29	1.91	111.83	273.99	359.91	PHASE
695	-5.56	13.35	658	4.82	4.71	.71	2.63	2.59	1.72	1.18	.56	AMP
				318.65	188.76	22.18	269.88	358.96	188.12	288.95	.73	PHASE
696	-3.88	13.51	649	5.82	4.37	.16	2.58	2.84	1.49	1.38	.67	AMP
				329.66	119.93	357.65	277.19	8.11	136.74	322.84	58.21	PHASE
697	-5.49	13.99	649	5.77	4.18	.38	2.56	3.39	1.86	1.19	.63	AMP
				341.31	113.99	289.74	268.18	354.93	188.38	314.37	25.49	PHASE
698	4.89	42.16	658	6.42	5.12	1.81	2.48	2.78	1.45	.89	.54	AMP
				259.25	81.47	336.14	271.93	19.81	341.14	.12	178.64	PHASE
699	2.84	55.24	658	3.76	5.99	.93	2.18	1.98	1.87	1.26	.25	AMP
				278.88	85.31	28.15	289.83	35.71	46.92	17.88	7.59	PHASE
700	-6.61	56.49	651	4.23	4.54	1.34	2.58	1.26	.37	.91	.26	AMP
				285.31	86.54	281.76	278.86	354.96	43.13	332.91	358.43	PHASE
701	-3.48	32.77	658	3.52	3.47	1.12	2.68	2.28	1.56	1.15	.16	AMP
				318.58	94.48	288.52	253.35	343.25	38.89	384.48	15.78	PHASE
702	-6.85	11.22	658	3.86	3.88	1.39	2.89	2.86	.73	1.82	.18	AMP
				343.13	182.51	286.41	254.15	353.39	78.14	298.65	75.88	PHASE
703	-8.48	11.98	658	4.89	3.88	1.44	2.85	3.28	.88	.73	.85	AMP
				356.52	181.59	268.18	248.22	343.49	48.84	282.15	75.88	PHASE
704	1.87	64.22	649	3.37	5.18	.44	1.69	.86	.29	.75	.58	AMP
				265.56	75.82	291.51	294.48	53.18	21.39	88.51	146.94	PHASE
705	-7.77	52.48	658	2.94	3.48	3.54	3.53	2.26	1.88	1.46	.89	AMP
				343.23	45.76	387.83	268.72	281.62	162.88	237.98	69.71	PHASE
706	-4.38	7.61	658	2.71	1.83	1.76	2.87	2.86	.29	.79	.44	AMP
				312.98	94.22	279.91	245.84	338.35	85.33	289.67	55.33	PHASE
707	-6.62	8.62	658	3.14	1.68	2.84	2.15	2.24	.27	.71	.29	AMP
				341.85	186.91	271.69	248.22	345.86	95.54	283.28	48.57	PHASE
708	-9.16	9.48	658	4.24	1.55	2.41	2.13	2.34	.54	.72	.33	AMP
				358.83	112.79	258.53	237.34	335.24	81.84	254.84	14.23	PHASE
709	-18.57	9.93	658	5.87	1.65	2.69	2.87	2.43	.64	.71	.37	AMP
				4.99	116.99	243.91	235.72	334.52	81.48	245.51	18.32	PHASE
710	-12.82	18.97	651	6.88	1.62	2.88	1.83	2.43	.77	.73	.37	AMP
				9.49	121.47	241.42	238.38	334.65	76.74	241.27	18.47	PHASE

TABLE VIII.- Continued

(g) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	4.32	53.76	650	26.65	19.36	11.35	1.69	5.24	3.17	3.98	5.57 AMP
				140.94	334.74	46.38	32.33	297.54	107.00	48.36	234.00 PHASE
694	5.00	56.42	650	27.91	20.22	11.68	1.72	5.17	2.90	3.86	5.93 AMP
				136.52	324.15	31.23	7.65	269.28	156.63	18.54	194.90 PHASE
695	7.89	56.19	650	28.72	20.54	12.16	1.95	5.27	2.37	3.43	5.78 AMP
				136.09	322.25	29.85	355.25	262.89	163.21	20.07	193.15 PHASE
696	9.47	57.71	649	29.98	21.37	12.72	1.96	5.30	2.09	2.89	5.00 AMP
				139.43	327.81	39.78	2.13	276.39	168.29	42.12	223.84 PHASE
697	11.16	56.20	649	30.65	21.72	13.51	2.20	5.79	2.12	1.28	4.81 AMP
				135.74	320.20	29.29	343.49	256.00	137.20	.49	198.56 PHASE
698	6.49	42.90	650	23.43	16.32	7.90	1.46	3.79	2.26	2.52	2.75 AMP
				134.62	330.80	26.34	1.19	256.43	134.99	24.49	186.83 PHASE
699	8.41	45.07	650	24.40	17.12	8.72	1.58	3.95	2.22	2.37	2.65 AMP
				136.95	334.11	34.32	10.66	259.52	140.95	44.23	203.95 PHASE
700	9.95	46.42	651	25.73	18.15	9.40	1.88	4.15	2.19	2.14	2.83 AMP
				137.15	335.12	35.59	8.66	258.79	130.64	44.33	220.40 PHASE
701	11.70	47.97	650	26.83	18.87	11.04	2.12	4.88	2.17	1.96	2.97 AMP
				134.47	327.22	25.11	346.83	241.49	100.17	26.84	207.04 PHASE
702	13.49	48.80	650	27.73	19.48	11.96	2.19	4.65	2.49	1.38	2.20 AMP
				135.87	328.70	31.01	348.42	247.18	114.53	32.85	219.47 PHASE
703	15.19	49.36	650	28.79	20.11	12.98	2.50	4.62	2.55	.83	1.62 AMP
				131.78	320.03	19.94	333.20	229.67	93.12	350.02	185.87 PHASE
704	10.45	34.19	649	20.91	14.67	5.81	1.09	2.47	1.06	1.33	.99 AMP
				136.66	337.33	30.36	329.53	255.99	146.17	49.21	197.25 PHASE
705	12.26	36.12	650	22.16	15.19	7.09	1.26	2.80	1.00	1.17	1.43 AMP
				135.24	333.04	28.29	319.23	236.70	114.55	63.23	206.44 PHASE
706	13.90	38.20	650	23.32	15.83	8.39	1.38	3.05	1.21	1.05	1.67 AMP
				135.30	333.38	28.74	316.03	237.01	100.65	52.98	213.18 PHASE
707	15.66	40.04	650	24.85	16.94	9.64	1.36	3.11	1.31	.83	1.32 AMP
				135.39	333.79	32.16	316.91	241.75	111.42	44.00	221.35 PHASE
708	17.47	42.31	650	26.11	17.82	11.00	1.47	3.22	1.28	.41	1.46 AMP
				132.97	327.26	27.99	308.36	228.18	94.61	8.00	193.48 PHASE
709	18.40	43.66	650	27.01	18.62	11.71	1.49	3.23	1.29	1.18	1.39 AMP
				131.95	325.09	26.43	303.52	222.56	87.54	346.23	186.03 PHASE
710	19.48	44.02	651	27.52	18.78	11.99	1.65	3.01	1.24	.12	1.40 AMP
				131.59	323.59	26.57	306.20	222.35	80.16	7.67	179.12 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	10.60	57.81	650	20.59	9.68	2.92	12.61	6.27	11.90	12.80	7.27 AMP
				295.61	150.85	356.84	77.17	4.37	83.66	136.40	201.54 PHASE
694	9.53	70.92	650	24.72	12.71	6.06	16.61	6.07	18.85	17.61	8.19 AMP
				295.31	152.53	320.76	51.59	337.66	55.75	99.21	162.14 PHASE
695	7.51	83.67	650	29.10	15.75	10.53	18.41	5.66	24.29	19.50	8.12 AMP
				300.89	153.45	313.90	42.38	329.71	44.41	97.89	159.07 PHASE
696	5.74	98.66	649	34.70	20.15	14.23	22.67	4.90	29.52	21.30	6.91 AMP
				311.32	163.41	323.79	52.12	299.75	81.20	120.55	192.78 PHASE
697	3.22	114.03	649	40.73	23.52	18.27	25.16	8.73	33.13	24.03	4.62 AMP
				315.44	159.72	311.90	34.26	266.13	86.70	115.89	161.47 PHASE
698	8.25	46.61	650	16.15	8.12	1.62	13.84	12.24	7.96	7.57	2.75 AMP
				290.79	159.05	276.09	59.55	304.82	45.00	70.75	146.51 PHASE
699	8.04	56.80	650	19.40	10.41	4.92	16.57	12.15	11.00	11.26	2.97 AMP
				299.31	163.44	296.28	59.92	322.68	56.39	89.91	142.33 PHASE
700	8.23	66.06	651	24.41	14.35	7.00	19.83	12.55	12.32	11.20	3.02 AMP
				305.39	167.39	303.68	50.83	293.96	50.00	99.85	150.92 PHASE
701	7.18	79.54	650	29.40	18.20	10.59	24.01	14.74	14.42	14.02	2.98 AMP
				309.45	161.20	294.13	36.74	275.63	76.29	80.61	138.02 PHASE
702	6.37	93.63	650	35.56	20.30	14.00	26.68	14.67	20.38	15.78	2.92 AMP
				317.73	168.85	297.13	41.16	285.95	111.30	107.30	122.92 PHASE
703	4.55	103.82	650	41.64	23.34	19.85	28.83	13.63	26.75	17.25	3.41 AMP
				319.54	166.32	285.91	24.97	266.54	105.23	80.02	79.89 PHASE
704	6.77	30.61	649	13.46	8.26	1.66	14.61	10.57	3.21	5.56	1.69 AMP
				294.02	106.30	237.66	62.85	294.67	8.67	73.33	132.36 PHASE
705	7.06	53.21	650	17.65	11.94	3.67	18.66	11.42	7.37	7.16	2.40 AMP
				303.52	175.37	278.22	41.80	263.25	13.68	64.15	141.17 PHASE
706	7.46	66.55	650	22.47	14.92	6.44	22.82	15.18	9.29	9.35	2.57 AMP
				311.62	173.55	273.41	26.79	255.76	73.22	65.56	135.07 PHASE
707	7.42	83.92	650	29.15	17.81	13.56	28.01	15.26	13.48	12.50	3.45 AMP
				310.25	132.59	277.52	20.27	251.69	114.14	85.83	129.70 PHASE
708	6.65	56.55	650	30.80	20.07	15.74	29.62	15.10	12.33	10.61	3.70 AMP
				323.73	131.31	271.42	26.73	220.06	107.16	83.26	122.80 PHASE
709	6.15	116.59	650	42.27	22.50	13.31	31.35	15.15	13.19	10.84	3.81 AMP
				325.32	131.57	271.89	22.12	210.31	99.70	79.41	125.64 PHASE
710	5.11	111.79	651	47.52	24.78	21.12	29.87	15.24	10.27	9.67	3.45 AMP
				333.17	104.91	273.79	18.96	214.50	92.76	74.14	134.47 PHASE

TABLE VIII.- Continued

(g) Continued

TORSION 50 PERCENT RADIUS												
RUN NO 21												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
693	4.73	14.02	650	6.05	6.07	.87	2.94	1.99	2.04	1.27	.44	AMP
694	2.40	14.24	650	291.96	125.96	92.12	330.23	63.07	164.97	350.95	109.16	PHASE
695	.01	13.89	650	5.40	5.56	.59	2.94	2.05	2.05	1.42	.71	AMP
696	-2.48	14.09	649	298.99	117.87	48.28	306.07	30.20	142.17	318.50	89.75	PHASE
697	-4.90	14.46	649	4.86	5.17	.41	2.70	2.37	1.91	1.37	.77	AMP
698	3.90	11.05	650	313.59	118.73	41.92	303.21	19.33	138.74	322.94	87.62	PHASE
699	1.52	10.70	650	4.86	4.34	.12	2.62	2.58	1.72	1.54	1.00	AMP
700	-.69	10.15	651	332.94	129.52	221.80	310.30	36.14	165.03	357.28	126.58	PHASE
701	-3.06	10.93	650	5.70	4.67	.58	2.51	3.16	1.44	1.37	.93	AMP
702	-5.54	11.02	650	345.33	123.60	196.49	294.15	23.26	135.84	344.35	98.45	PHASE
703	-7.79	12.22	650	5.42	5.60	1.27	2.60	1.49	1.23	.86	.20	AMP
704	.96	8.03	649	271.05	102.31	8.97	292.13	15.35	111.25	340.01	31.20	PHASE
705	-1.54	7.81	650	4.27	4.91	1.20	2.75	1.56	1.00	1.13	.25	AMP
706	-3.70	7.74	650	285.71	107.64	357.62	295.62	12.26	119.21	351.00	81.00	PHASE
707	-6.03	9.00	650	3.53	4.37	1.20	2.66	1.81	1.01	1.49	.52	AMP
708	-8.60	9.99	650	299.49	109.43	335.50	294.64	7.23	136.19	357.71	107.02	PHASE
709	-9.98	10.60	650	3.36	3.84	.90	2.63	2.23	1.04	1.41	.53	AMP
710	-11.39	11.26	651	322.65	109.20	316.18	203.05	359.55	102.10	339.59	104.12	PHASE
				3.85	3.68	.92	2.79	2.73	1.21	1.17	.16	AMP
				349.45	115.29	297.19	200.99	16.47	109.55	341.10	119.36	PHASE
				4.86	3.64	.99	2.64	3.03	1.30	.80	.07	AMP
				2.10	112.97	262.24	275.03	6.00	87.41	320.84	1.07	PHASE
				3.70	3.46	1.29	2.04	1.30	.54	.65	.19	AMP
				270.59	100.61	320.94	292.62	357.06	90.22	352.37	143.52	PHASE
				2.89	2.70	1.21	1.96	1.67	.56	1.00	.30	AMP
				290.39	102.55	306.09	202.05	343.69	101.57	331.50	107.74	PHASE
				2.63	2.31	1.29	2.05	2.01	.55	.97	.45	AMP
				322.00	100.30	297.61	201.25	354.69	109.00	333.15	110.77	PHASE
				3.19	2.06	1.51	2.12	2.20	.56	.96	.20	AMP
				350.90	129.23	205.36	203.00	8.20	117.50	324.60	92.10	PHASE
				4.39	2.05	1.88	2.13	2.46	.85	.95	.27	AMP
				8.25	125.10	259.81	271.60	359.04	105.06	293.25	40.67	PHASE
				5.26	2.14	2.12	2.09	2.53	.93	.95	.29	AMP
				13.70	129.31	253.24	269.63	357.06	103.75	284.98	53.43	PHASE
				6.25	2.10	2.20	1.06	2.54	1.05	.90	.32	AMP
				17.52	132.02	249.00	273.15	.27	103.23	202.23	57.30	PHASE

TABLE VIII.- Continued

(g) Continued

FLAPWISE 77 PERCENT RADIUS												
PT NO	RUN NO 21		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
693	-14.23	54.56	65#	32.83	28.23	12.11	7.99	5.5#	4.28	4.29	6.37	AMP
694	-11.6#	56.96	65#	132.24	328.54	17.81	187.89	298.8#	21.34	257.98	44.8#	PHASE
695	-8.54	57.49	65#	33.81	21.83	12.89	8.27	5.55	3.9#	4.12	6.95	AMP
696	-5.61	59.87	64#	138.69	321.14	3.1#	165.29	272.19	353.35	228.65	5.29	PHASE
697	-2.73	62.23	64#	33.98	21.82	12.52	7.51	6.79	3.57	3.95	6.87	AMP
698	-11.99	45.28	65#	133.35	322.48	.65	156.28	273.4#	341.17	232.73	2.92	PHASE
699	-9.17	47.47	65#	35.38	22.86	12.79	7.69	6.99	3.36	2.54	7.87	AMP
7#	-6.72	58.97	651	139.28	331.22	11.41	163.68	291.68	354.81	269.58	34.43	PHASE
7#	-3.57	55.11	65#	36.82	23.87	13.81	7.26	8.88	3.61	1.64	5.77	AMP
7#	-.55	58.98	65#	138.62	325.6#	358.92	145.97	273.8#	317.81	263.8#	9.42	PHASE
7#	2.42	59.4#	65#	29.77	17.42	7.88	5.81	5.74	2.5#	3.27	3.37	AMP
7#	-6.31	48.34	64#	126.58	328.91	347.76	161.88	236.6#	319.87	221.99	2.97	PHASE
7#	-3.44	43.8#	65#	29.83	18.55	8.27	6.37	6.16	2.36	3.11	3.34	AMP
7#	-.82	45.84	65#	132.3#	327.32	352.22	164.56	244.77	326.29	243.35	28.8#	PHASE
7#	2.16	58.18	65#	38.83	19.54	8.82	7.87	7.28	2.39	2.76	3.65	AMP
7#	5.49	53.8#	65#	135.35	338.33	352.9#	164.35	247.2#	314.25	242.58	39.76	PHASE
7#	7.83	56.34	65#	31.62	28.61	9.73	7.37	7.54	2.55	2.59	3.97	AMP
7#	8.81	57.72	651	135.33	325.75	344.33	148.44	237.8#	288.29	224.81	26.11	PHASE
				32.23	21.98	18.89	7.1#	8.12	2.89	1.91	3.8#	AMP
				139.85	328.93	348.5#	149.89	249.58	294.21	234.49	38.64	PHASE
				33.81	23.22	18.57	6.39	8.35	3.83	1.26	2.1#	AMP
				138.39	321.97	338.19	138.96	232.67	268.14	288.82	2.68	PHASE
				27.62	15.88	4.93	4.74	6.59	1.87	.54	1.97	AMP
				131.57	331.97	345.48	174.28	225.53	388.9#	288.86	9.8#	PHASE
				28.19	16.14	5.65	5.69	7.74	.74	1.54	1.84	AMP
				133.22	331.38	342.85	158.85	218.39	257.7#	237.77	29.18	PHASE
				28.99	17.15	6.39	6.18	8.84	.86	1.36	2.24	AMP
				135.83	333.59	345.73	155.89	221.96	263.73	226.17	33.52	PHASE
				38.25	18.75	7.16	6.69	7.85	1.88	1.18	1.81	AMP
				138.77	335.59	352.14	153.36	226.54	275.87	216.34	43.74	PHASE
				31.15	28.31	7.76	6.51	8.32	1.87	.54	1.97	AMP
				138.89	338.1#	352.8#	133.82	216.35	269.59	177.24	13.78	PHASE
				32.84	21.65	8.89	6.51	8.65	1.88	.31	1.83	AMP
				139.56	328.35	358.15	128.87	212.79	265.93	153.47	6.37	PHASE
				32.61	22.28	8.85	6.82	8.95	1.11	.27	1.84	AMP
				148.9#	327.64	358.9#	121.9#	215.24	264.25	146.9#	358.36	PHASE

CHORDWISE 77 PERCENT RADIUS												
PT NO	RUN NO 21		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
693	-19.54	32.87	65#	4.74	6.67	6.74	4.95	5.28	5.72	4.53	2.8#	AMP
694	-19.2#	36.69	65#	152.1#	385.63	36.31	97.69	313.55	65.89	148.37	177.48	PHASE
695	-18.38	37.17	65#	3.89	6.32	7.34	6.39	5.38	8.68	6.34	2.8#	AMP
696	-17.11	39.23	64#	168.3#	293.45	14.35	66.57	282.33	41.28	98.44	132.67	PHASE
697	-16.37	43.11	64#	2.98	5.83	8.38	7.42	6.1#	18.85	6.91	1.59	AMP
698	-18.14	26.21	65#	177.29	291.55	2.87	54.75	274.34	38.83	96.64	126.5#	PHASE
699	-18.75	26.83	65#	2.86	5.48	9.74	9.27	7.88	12.44	7.55	.92	AMP
7#	-19.22	38.74	651	213.91	293.48	8.71	62.44	274.19	66.66	124.92	122.8#	PHASE
7#	-18.7#	32.91	65#	2.28	5.32	11.22	18.36	9.63	12.51	8.54	.97	AMP
7#	-16.76	48.28	65#	268.23	282.13	352.87	42.61	253.22	73.79	112.36	37.59	PHASE
7#	-15.8#	46.66	65#	4.85	5.82	3.8#	5.33	7.58	3.24	2.43	.95	AMP
7#	-17.6#	31.58	65#	136.53	293.53	16.18	68.16	272.97	38.65	68.33	98.87	PHASE
7#	-16.14	38.66	65#	3.88	5.52	4.51	6.72	7.32	4.6#	4.1#	1.28	AMP
7#	-15.18	44.41	65#	147.47	298.27	9.5#	68.72	283.1#	42.87	86.26	91.36	PHASE
7#	-14.46	48.98	651	2.3#	5.19	5.47	7.97	9.2#	5.11	4.83	1.73	AMP
7#	-17.6#	31.58	65#	161.66	292.85	8.44	58.46	265.18	42.45	99.94	96.77	PHASE
7#	-16.76	48.28	65#	1.19	4.75	7.14	9.8#	18.48	5.22	5.85	1.77	AMP
7#	-15.8#	46.66	65#	197.8#	284.58	351.81	43.17	249.9#	62.41	78.26	65.26	PHASE
7#	-17.79	28.9#	65#	1.83	5.16	6.53	11.13	18.8#	7.35	5.87	2.18	AMP
7#	-18.28	38.8#	65#	288.86	285.97	348.49	46.89	258.22	184.63	99.84	78.84	PHASE
7#	-17.6#	31.58	65#	3.64	5.59	18.41	12.4#	18.58	18.89	6.58	2.3#	AMP
7#	-16.14	38.66	65#	384.8#	274.77	331.86	29.12	238.81	182.37	86.13	42.18	PHASE
7#	-15.18	44.41	65#	4.77	5.26	2.41	5.46	7.13	1.25	2.81	.73	AMP
7#	-14.46	48.98	651	141.46	293.18	38.83	66.87	261.49	351.81	67.91	182.95	PHASE
7#	-17.6#	31.58	65#	3.32	4.53	3.42	7.82	8.63	3.85	2.59	1.24	AMP
7#	-16.76	48.28	65#	148.61	287.99	8.66	46.52	238.22	359.55	57.59	92.24	PHASE
7#	-15.18	44.41	65#	1.68	4.62	4.25	8.71	18.64	3.52	3.57	1.52	AMP
7#	-14.46	48.98	651	162.89	284.83	359.27	48.97	236.71	66.32	57.84	83.98	PHASE
7#	-17.6#	31.58	65#	.83	5.89	5.46	18.86	11.39	5.16	4.86	2.18	AMP
7#	-16.14	38.66	65#	274.15	284.17	351.95	42.37	236.8#	118.87	88.44	92.76	PHASE
7#	-15.18	44.41	65#	3.22	5.78	6.96	12.83	11.31	4.48	4.17	2.1#	AMP
7#	-14.46	48.98	651	318.19	277.2#	337.61	31.1#	217.85	186.9#	78.15	88.24	PHASE
7#	-17.6#	31.58	65#	4.85	6.36	8.87	12.8#	11.64	4.68	4.22	1.94	AMP
7#	-16.76	48.28	65#	315.35	275.85	338.87	26.83	288.13	188.34	74.85	77.73	PHASE
7#	-15.18	44.41	65#	6.23	7.81	8.95	12.61	11.66	3.23	3.79	1.56	AMP
7#	-14.46	48.98	651	319.82	278.45	328.85	22.78	287.89	92.14	68.87	83.82	PHASE

TABLE VIII.- Concluded

(g) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	2.24	14.84	65#	5.98	6.1#	.2#	1.85	1.55	1.55	.67	.68 AMP
694	.24	14.36	65#	288.84	128.96	235.2#	353.85	39.62	186.16	58.93	189.29 PHASE
695	-1.76	13.83	65#	5.13	5.67	.46	1.88	1.51	1.56	.71	.78 AMP
696	-3.83	13.88	649	285.88	113.99	268.59	331.92	4.2#	157.92	14.95	88.46 PHASE
697	-5.73	12.1#	649	4.26	5.31	.46	1.78	1.56	1.38	.68	.79 AMP
698	1.64	13.13	65#	297.23	116.95	255.87	331.46	357.39	151.17	28.59	79.37 PHASE
699	-4.7	11.3#	65#	3.9#	5.83	.65	1.77	1.43	1.32	.57	.78 AMP
700	-2.34	18.25	651	316.64	129.81	258.4#	338.65	7.3#	168.86	26.85	122.51 PHASE
701	-4.37	9.76	65#	333.19	128.85	215.74	326.91	358.56	129.84	4.73	89.66 PHASE
702	-6.44	18.11	65#	5.65	5.33	.35	1.78	1.35	1.19	.84	.44 AMP
703	-8.29	18.98	65#	264.86	184.38	2.32	324.32	338.92	141.82	39.18	42.95 PHASE
704	-7.2	8.45	649	4.4#	4.71	.39	1.79	1.47	1.81	.88	.46 AMP
705	-2.88	6.79	65#	274.62	112.18	324.99	329.5#	339.81	153.49	46.36	55.83 PHASE
706	-4.75	7.12	65#	3.51	4.31	.43	1.88	1.53	1.1#	.93	.48 AMP
707	-6.78	8.84	65#	284.32	117.66	295.31	331.83	335.17	154.58	39.92	56.17 PHASE
708	-8.82	8.77	65#	2.82	3.97	.27	1.95	1.6#	1.16	.62	.22 AMP
709	-9.98	9.7#	65#	383.84	119.78	251.23	321.32	318.92	128.13	25.48	29.89 PHASE
710	-11.19	18.18	651	2.64	3.84	.36	1.91	1.78	1.37	.84	.36 AMP
				334.22	129.85	231.52	324.91	334.88	121.2#	33.7#	347.55 PHASE
				3.15	3.83	.4#	1.73	1.89	1.5#	.81	.47 AMP
				354.96	128.31	194.29	312.88	321.37	93.61	18.93	313.86 PHASE
				4.8#	3.33	.48	1.53	1.23	1.48	.6#	.17 AMP
				278.48	111.86	386.83	324.83	329.9#	143.87	24.14	18.65 PHASE
				2.96	2.81	.4#	1.68	1.24	1.6#	.58	.15 AMP
				282.76	119.73	268.93	313.83	316.57	116.86	2.5#	346.17 PHASE
				2.31	2.61	.43	1.76	1.34	.8#	.64	.1# AMP
				382.13	133.25	256.22	313.49	328.93	112.68	1.88	388.1# PHASE
				2.29	2.64	.58	1.74	1.42	.91	.66	.31 AMP
				335.56	143.47	238.71	315.93	329.54	111.51	351.42	294.78 PHASE
				2.98	2.82	.85	1.62	1.55	1.87	.53	.35 AMP
				3.38	146.91	228.45	299.52	322.79	93.93	319.2#	281.69 PHASE
				3.69	3.82	.94	1.63	1.54	1.16	.51	.36 AMP
				12.68	149.87	213.56	294.75	328.98	86.13	386.82	268.37 PHASE
				4.57	3.15	.87	1.44	1.48	1.22	.43	.37 AMP
				18.99	153.19	213.72	294.87	325.29	83.77	298.42	264.4# PHASE

PITCH LINK											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	-3.88	14.65	65#	3.71	3.22	2.98	3.63	3.37	1.65	1.11	1.85 AMP
694	-1.23	14.81	65#	111.11	32# 46	231.69	148.28	258.41	343.19	79.49	218.32 PHASE
695	.76	14.27	65#	2.73	2.74	2.89	3.92	3.73	1.85	1.21	1.87 AMP
696	2.81	16.18	649	124.65	32# 16	287.55	124.76	226.23	324.25	62.62	176.79 PHASE
697	4.99	14.83	649	2.23	2.56	2.9#	3.83	4.3#	1.81	1.26	1.94 AMP
698	-1.86	11.51	65#	188.35	328.58	288.82	118.88	217.15	314.91	73.35	174.63 PHASE
699	-.81	11.27	65#	2.75	2.46	2.54	3.81	4.8#	1.62	.9#	2.81 AMP
700	1.72	18.78	651	192.18	353.27	281.9#	124.93	233.85	347.41	153.74	288.5# PHASE
701	3.63	12.85	65#	4.24	2.61	2.37	3.94	5.71	1.33	1.85	1.7# AMP
702	5.88	12.85	65#	286.11	355.18	183.8#	184.49	216.62	324.98	184.86	189.38 PHASE
703	7.67	14.36	65#	3.54	2.4#	3.34	2.91	2.55	.65	.89	.88 AMP
704	.86	8.33	649	65.67	293.78	178.89	188.83	213.99	266.27	66.9#	168.69 PHASE
705	2.91	9.79	65#	2.19	1.74	3.46	3.19	2.77	.57	.93	.69 AMP
706	4.66	18.31	65#	71.31	382.44	179.39	118.37	211.14	263.31	188.56	177.68 PHASE
707	6.82	18.91	65#	1.83	1.18	3.78	3.23	3.36	1.8	.91	.56 AMP
708	8.03	12.57	65#	82.69	318.93	171.22	186.81	286.13	272.73	128.85	226.9# PHASE
709	18.8#	14.31	65#	4.48	3.99	3.55	3.48	4.36	4.42	1.89	.49 AMP
710	11.19	14.75	651	285.68	339.19	161.57	93.15	195.1#	261.61	122.4#	281.62 PHASE
				2.12	1.86	3.5#	3.92	5.86	.49	1.8#	.31 AMP
				238.88	359.33	168.86	99.85	289.34	291.47	136.81	286.87 PHASE
				4.19	1.64	3.35	4.85	5.62	.73	.51	.18 AMP
				229.89	11.63	148.89	84.29	195.14	267.5#	131.8#	195.28 PHASE
				2.78	.58	3.48	2.12	2.23	.42	.5#	.2# AMP
				44.56	338.66	166.46	187.89	193.43	225.45	69.24	183.59 PHASE
				1.48	1.5#	3.42	2.11	3.82	.11	.79	.45 AMP
				25.68	24.68	144.67	92.65	179.77	353.98	128.58	247.7# PHASE
				.68	.71	3.43	2.47	3.78	.85	.71	.48 AMP
				329.81	48.41	141.5#	94.45	186.88	32.54	115.69	264.45 PHASE
				1.72	1.12	3.63	2.72	3.98	.21	.51	.52 AMP
				258.44	49.87	133.72	181.33	199.32	354.4#	184.88	251.62 PHASE
				3.7#	1.52	3.79	2.88	4.23	.54	.4#	.63 AMP
				237.59	45.56	111.64	94.36	188.64	322.68	98.92	214.51 PHASE
				4.91	1.72	4.22	2.93	4.35	.72	.34	.61 AMP
				234.45	43.46	183.89	94.28	186.89	316.24	97.25	285.29 PHASE
				6.3#	2.83	4.43	2.6#	4.29	.89	.36	.67 AMP
				231.6#	48.54	188.54	93.79	184.37	299.95	76.83	284.97 PHASE

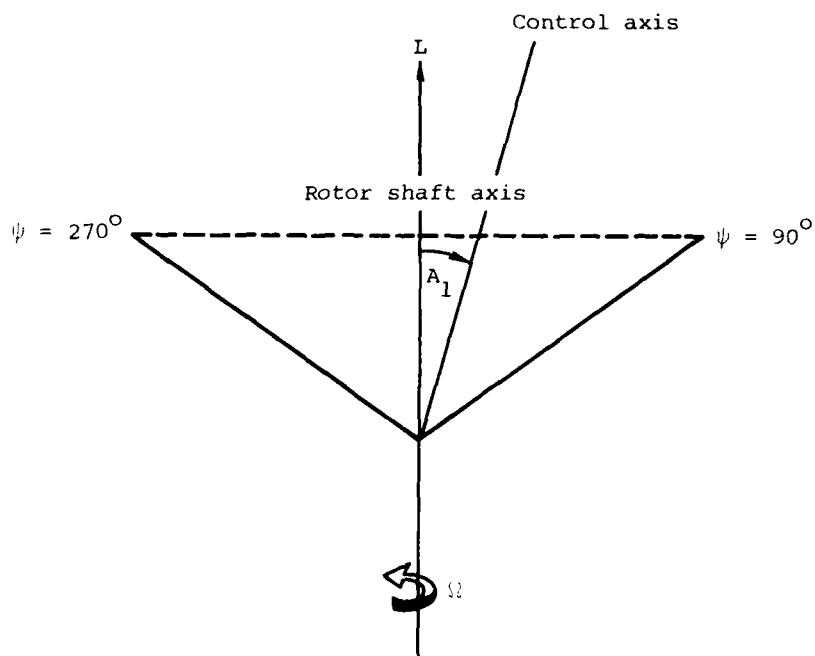
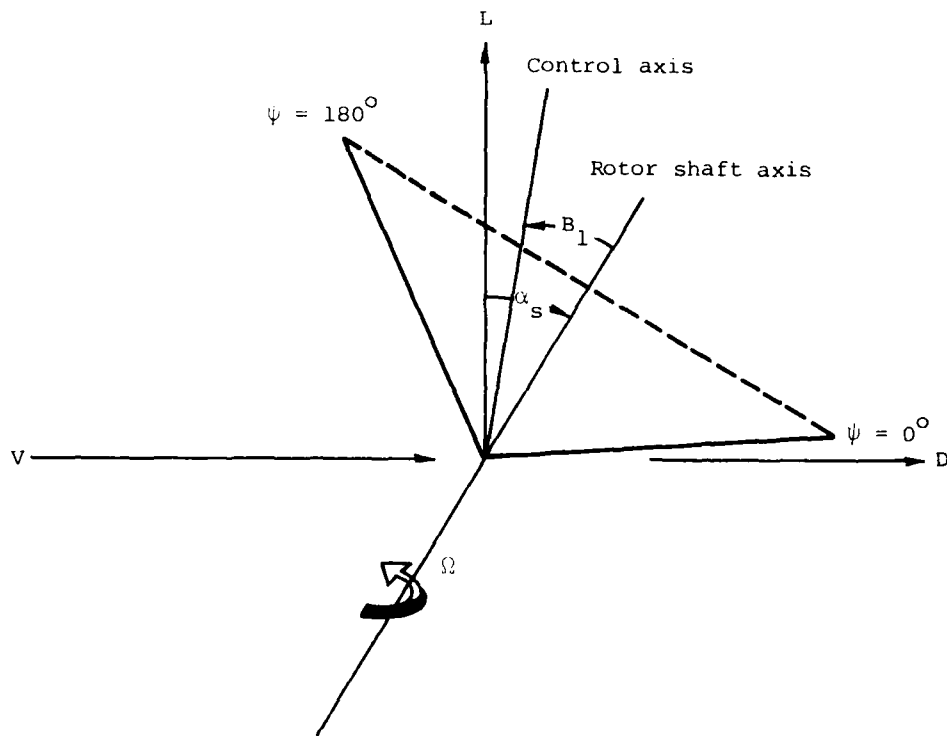
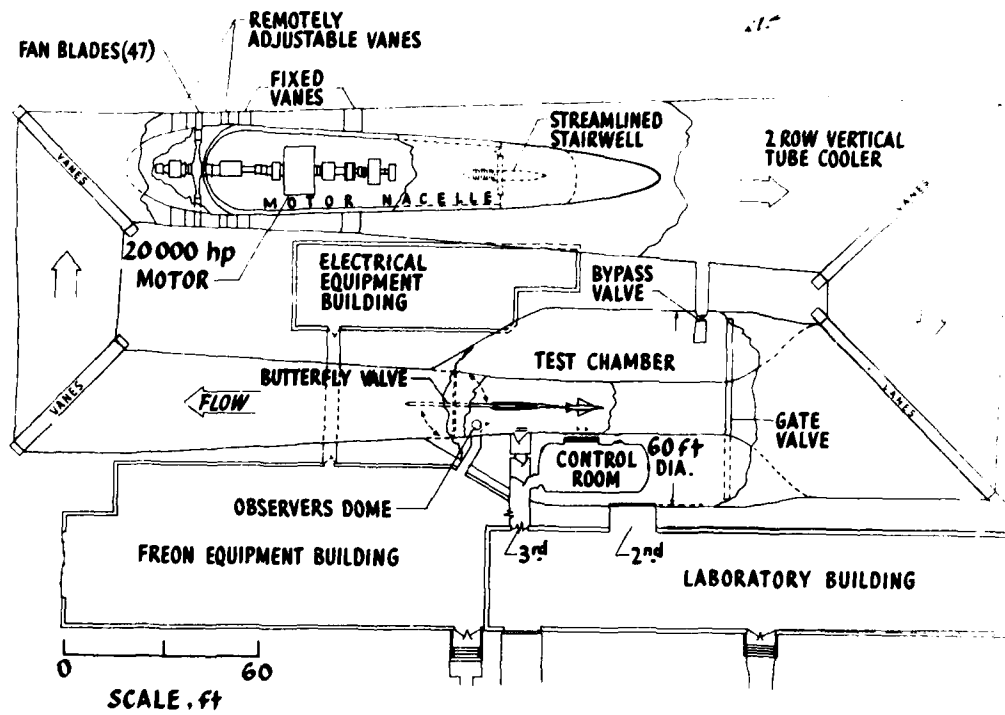
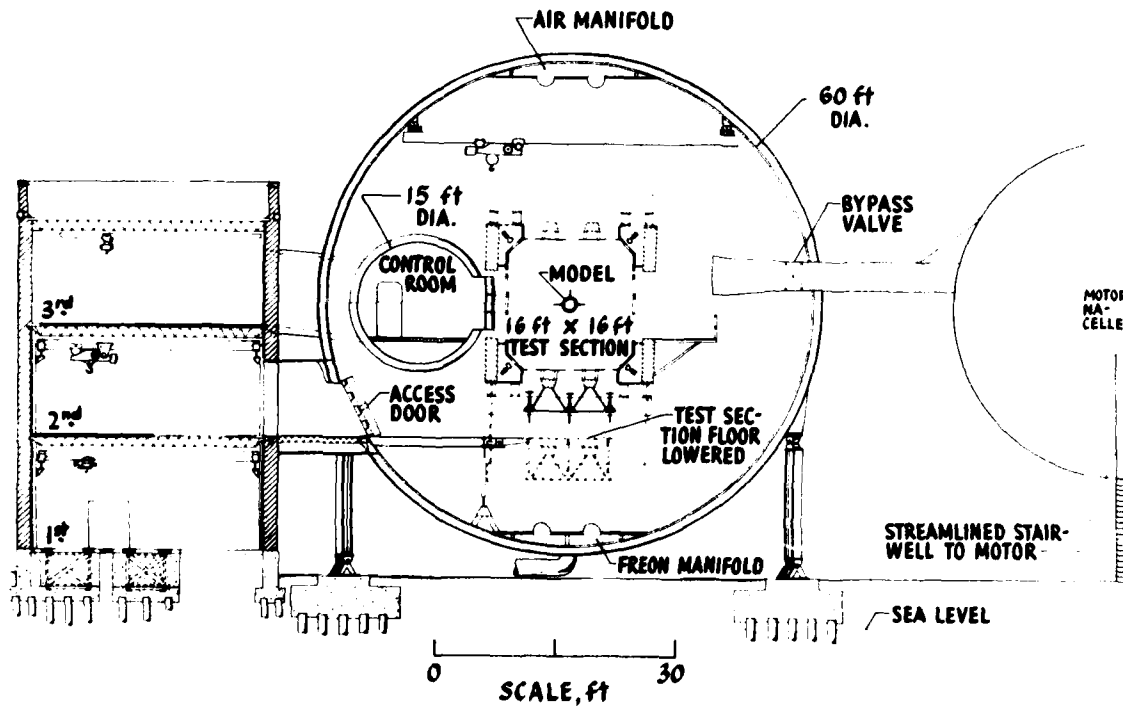


Figure 1.- Notation showing positive directions of forces, angles, and velocities.



(a) Top view.



(b) Cross-sectional view.

Figure 2.- Langley Transonic Dynamics Tunnel.

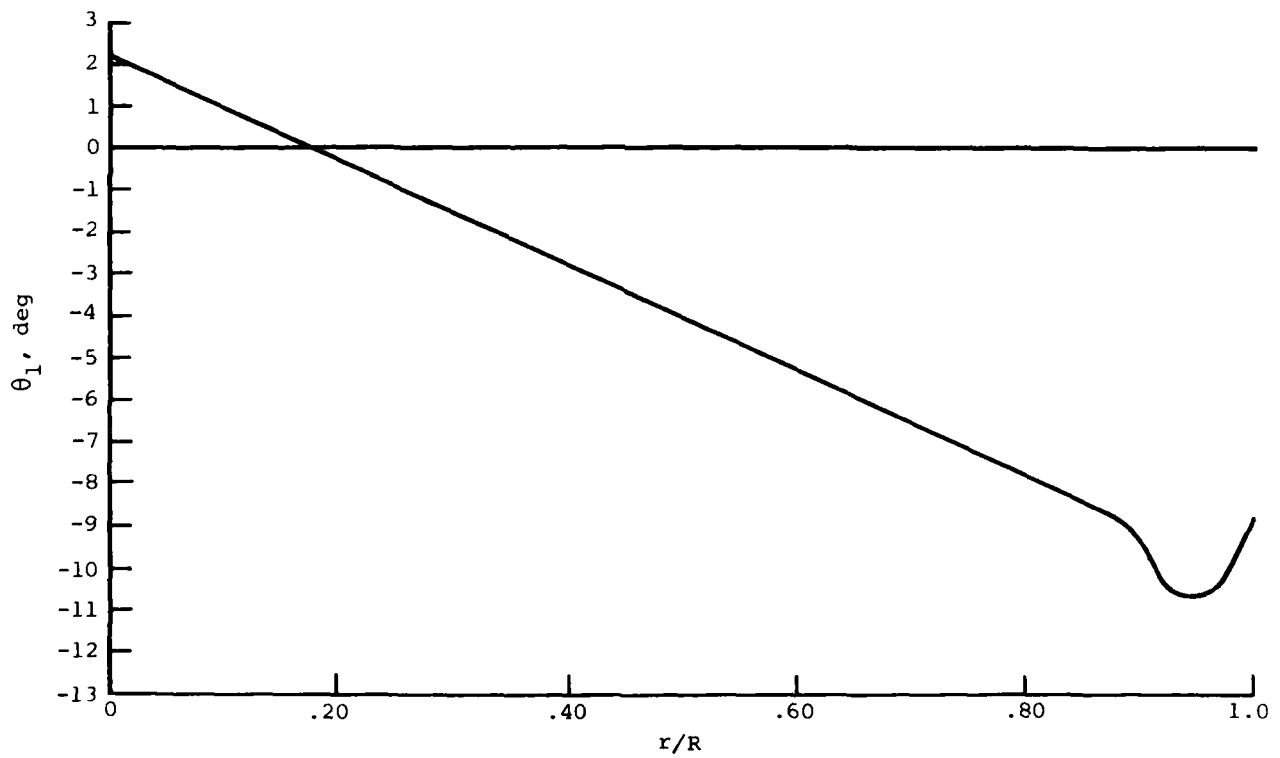
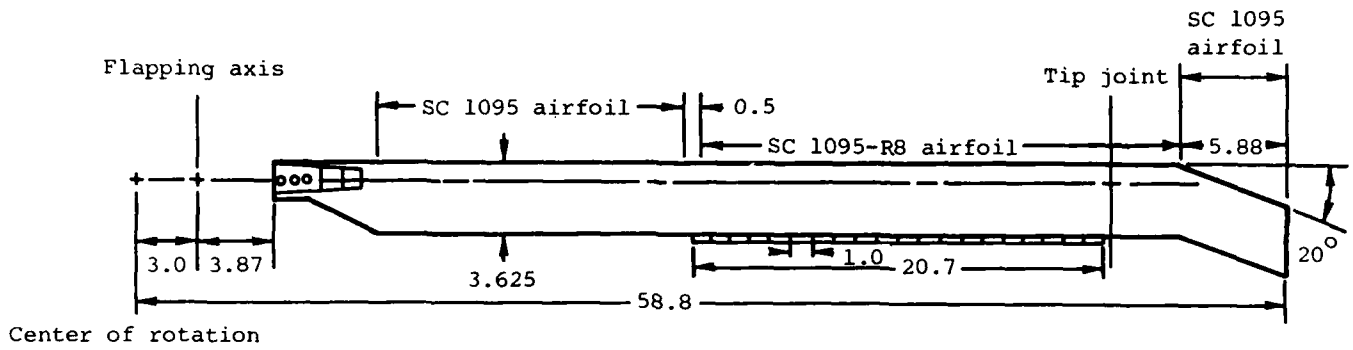
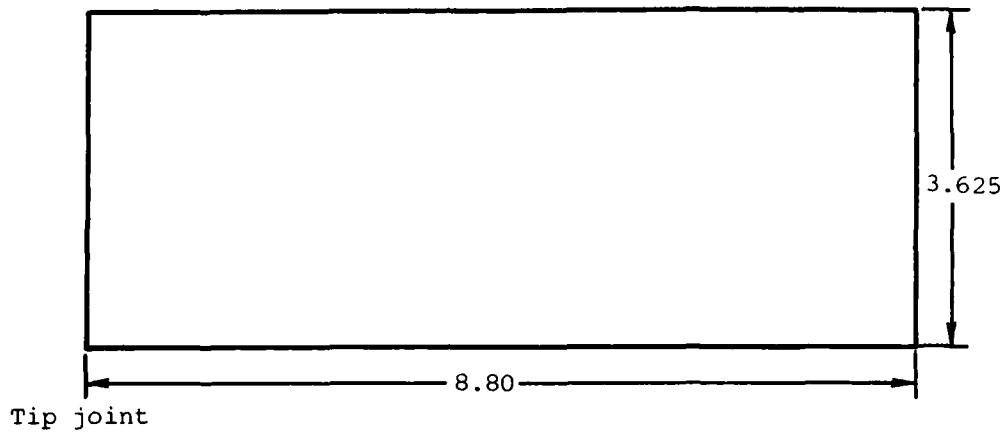
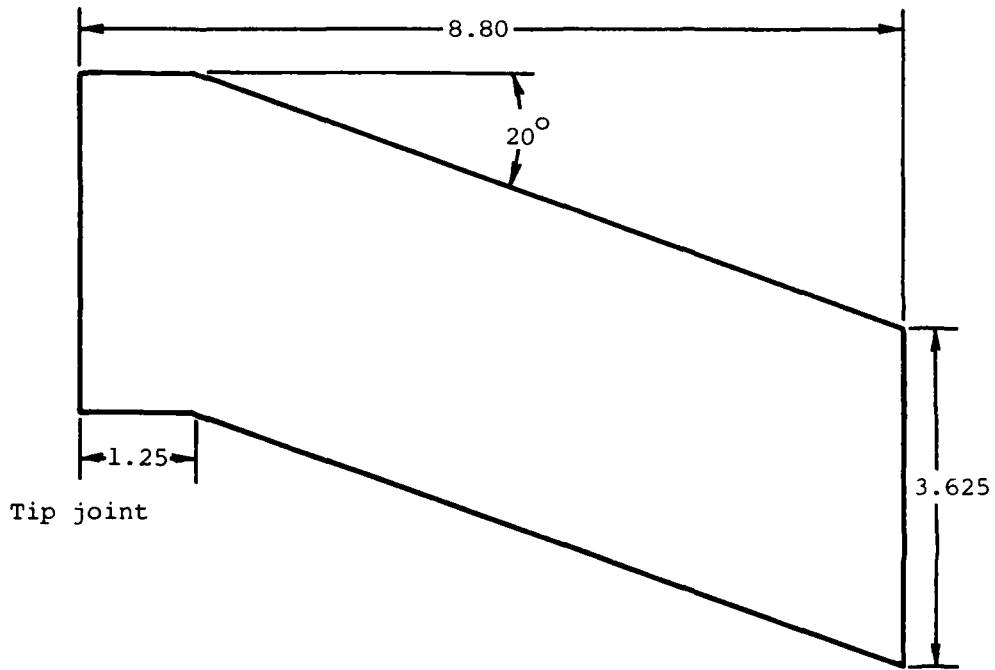


Figure 3.- Rotor blade geometry and built-in twist distribution. Blade dimensions are in inches unless otherwise indicated.

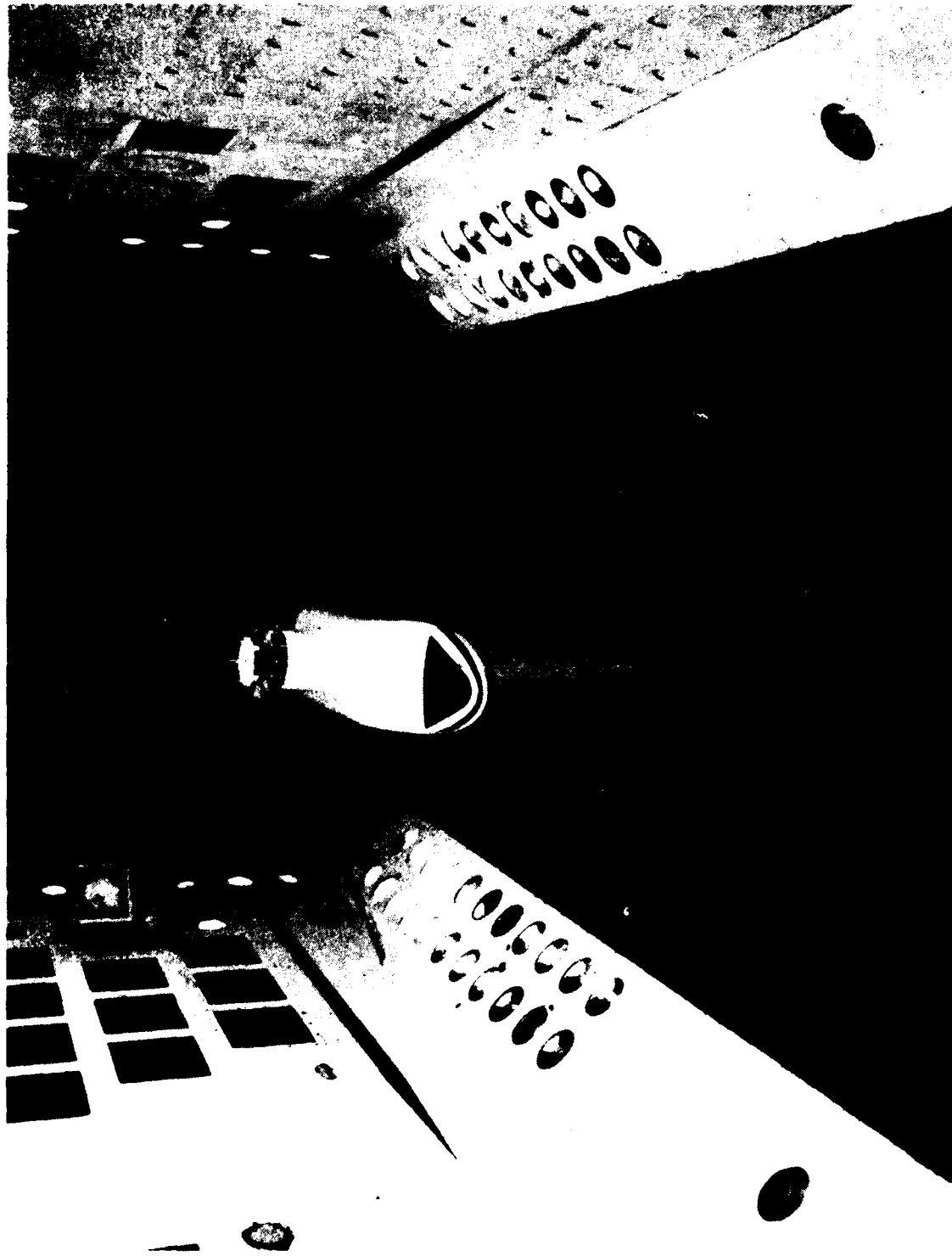


Rectangular tip



Swept tip

Figure 4.- Geometry of tips tested. Dimensions are given in inches unless otherwise indicated.



L-80-1238

Figure 5.- Aeroelastic rotor experimental system (ARES) model in
Langley Transonic Dynamics Tunnel.

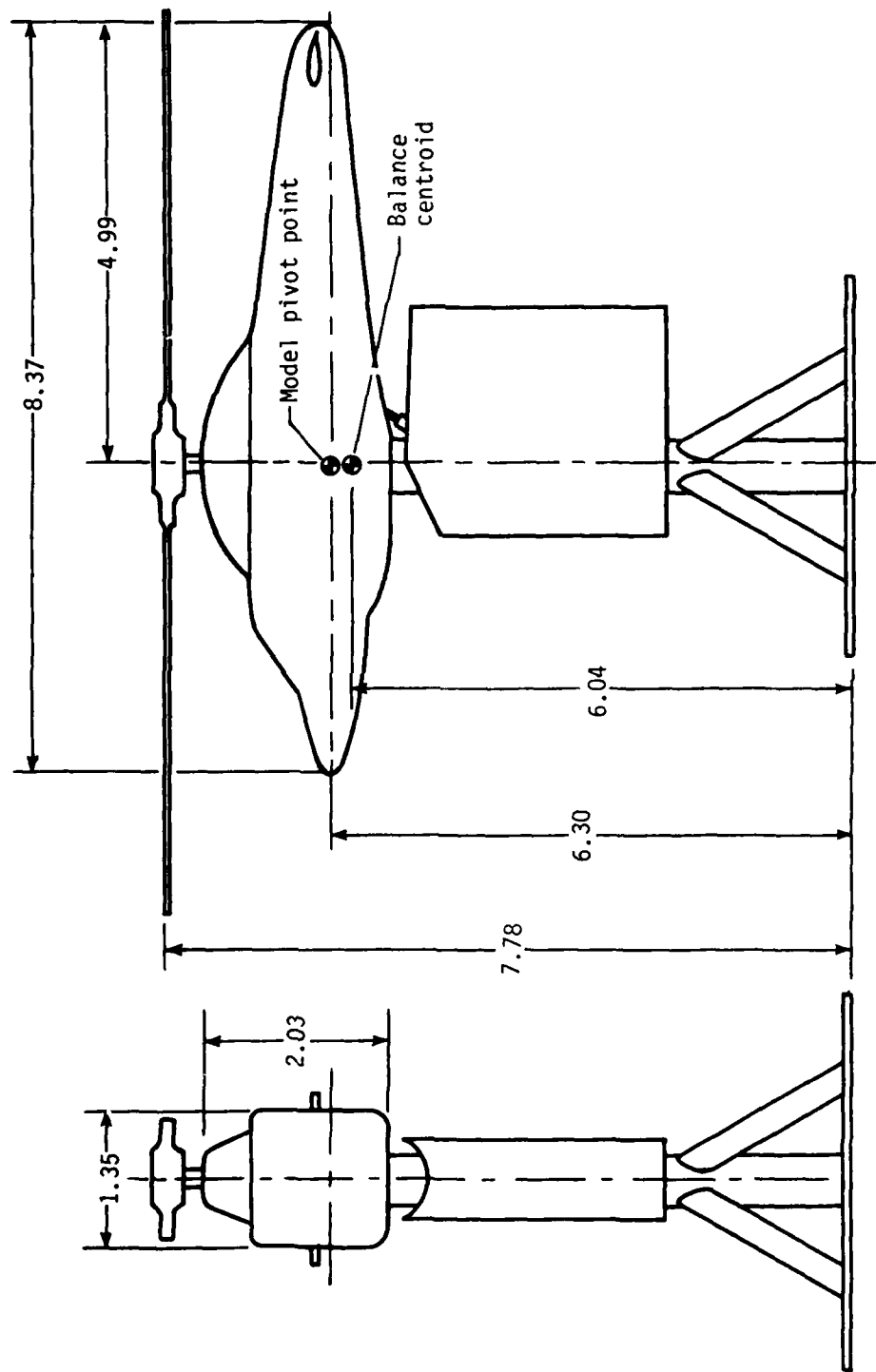
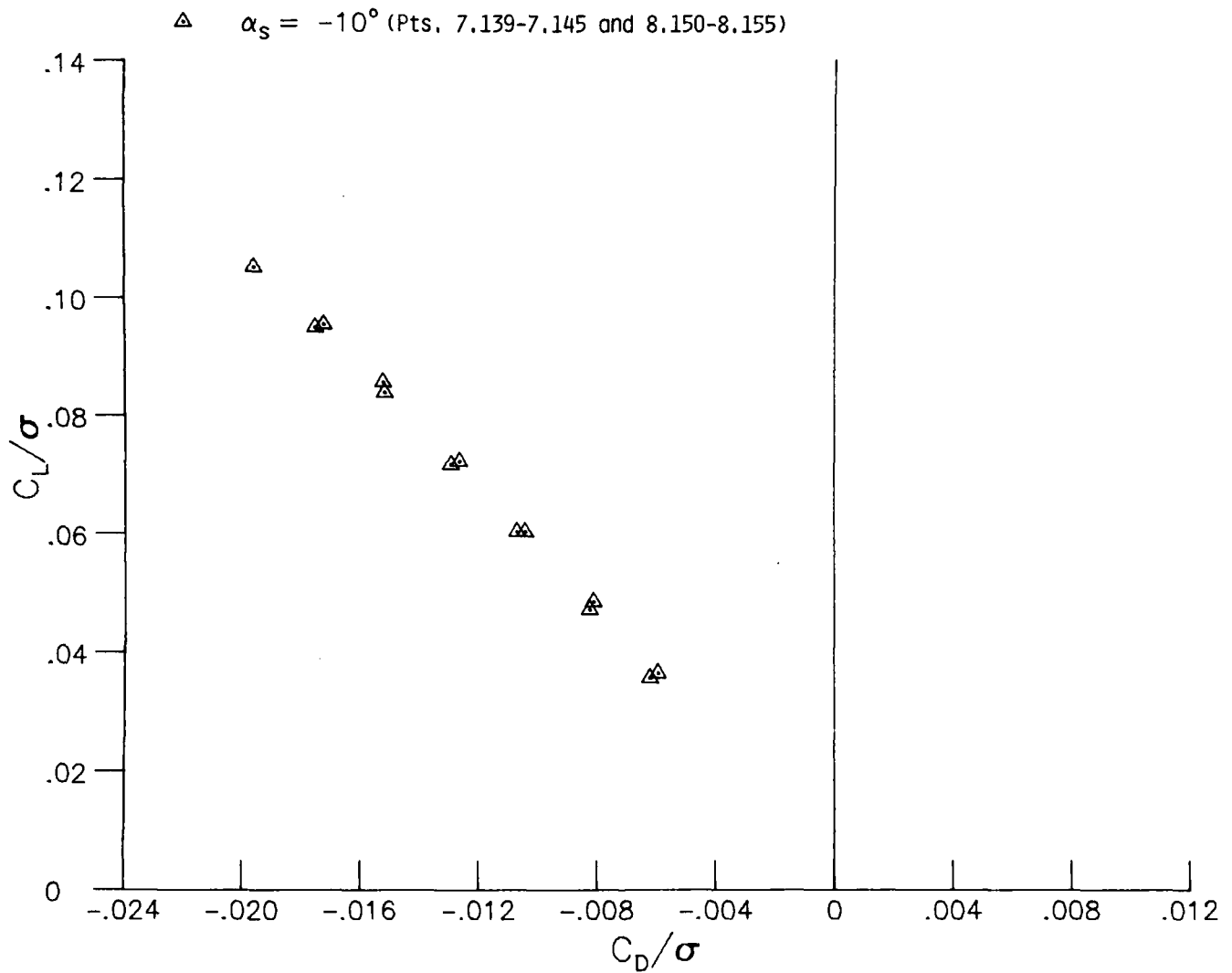


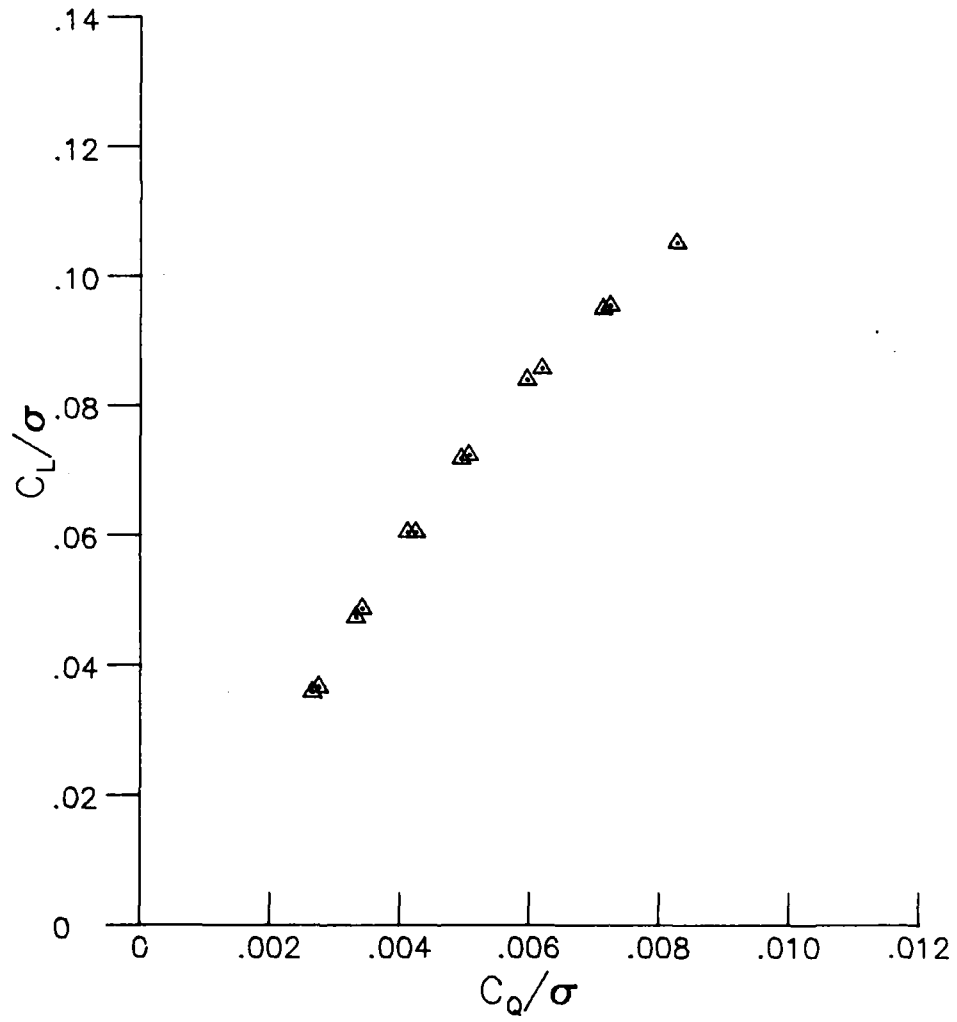
Figure 6.- Schematic diagram of aeroelastic rotor experimental system.
All dimensions are in feet.



(a) C_L/σ versus C_D/σ at $\mu = 0.20$ and $M_T = 0.65$.

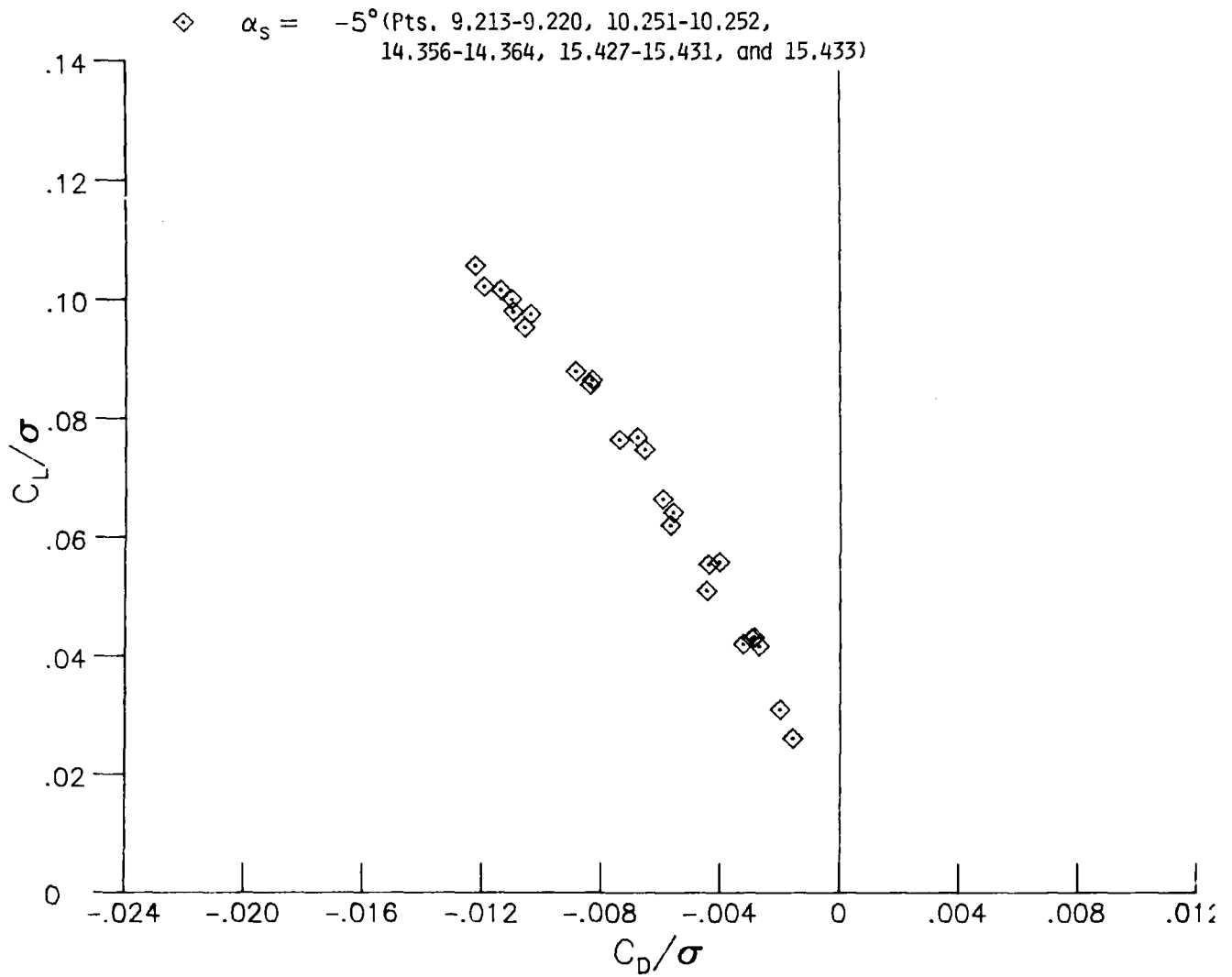
Figure 7.- Rotor performance data for ACR blades with swept tips and 4° tabs. (See table III.)

△ $\alpha_s = -10^\circ$ (Pts. 7.139-7.145 and 8.150-8.155)



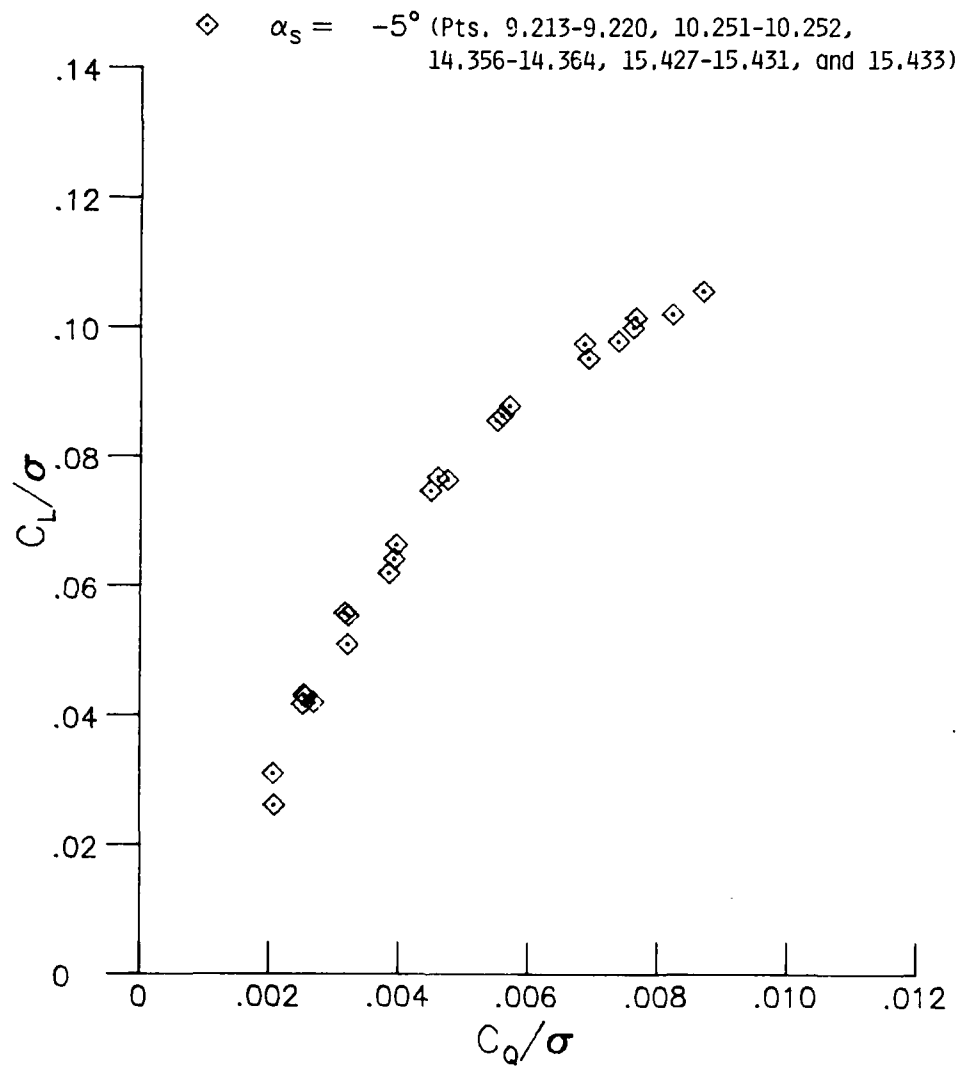
(b) C_L/σ versus C_Q/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 7.- Continued.



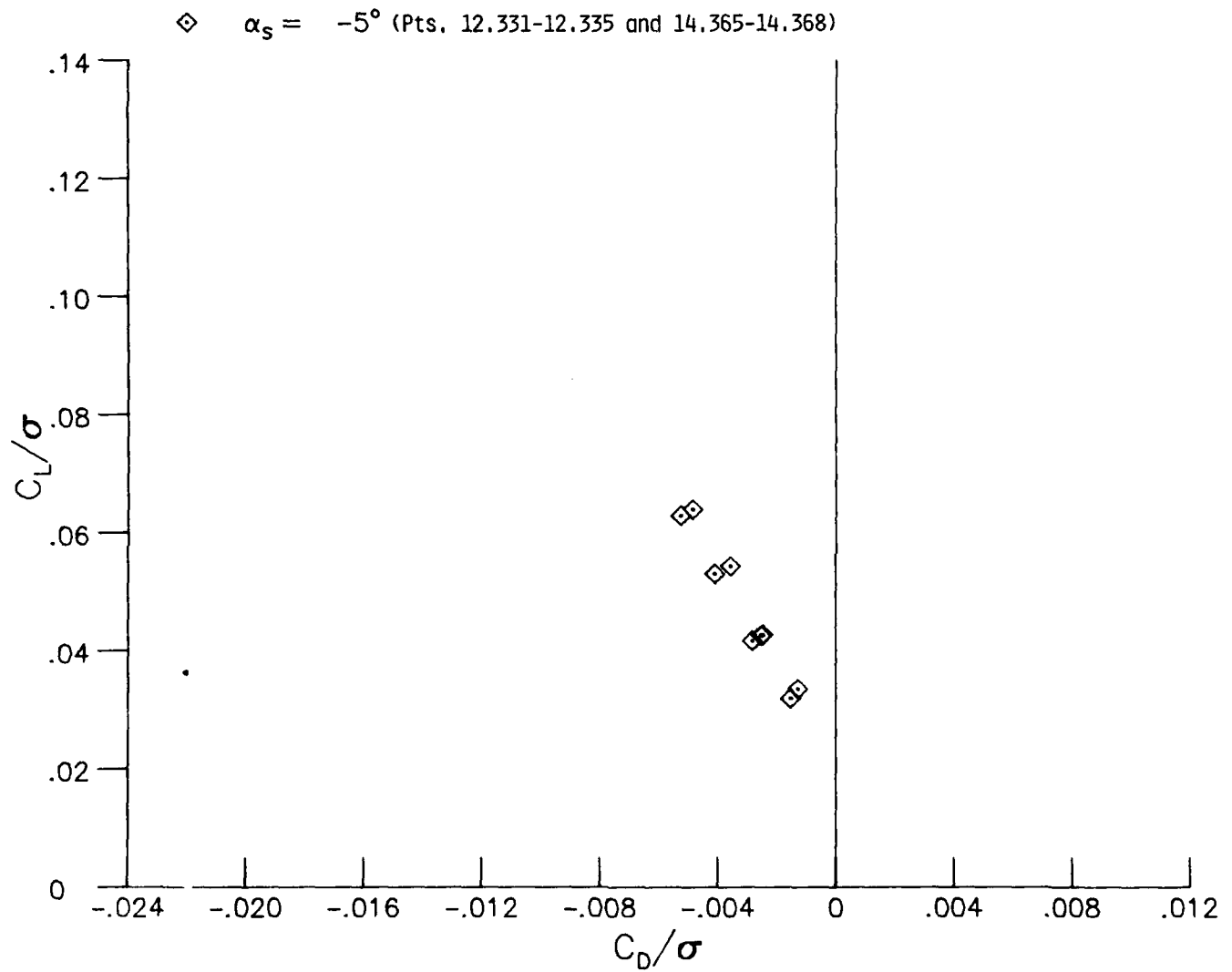
(c) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 7.- Continued.



(d) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

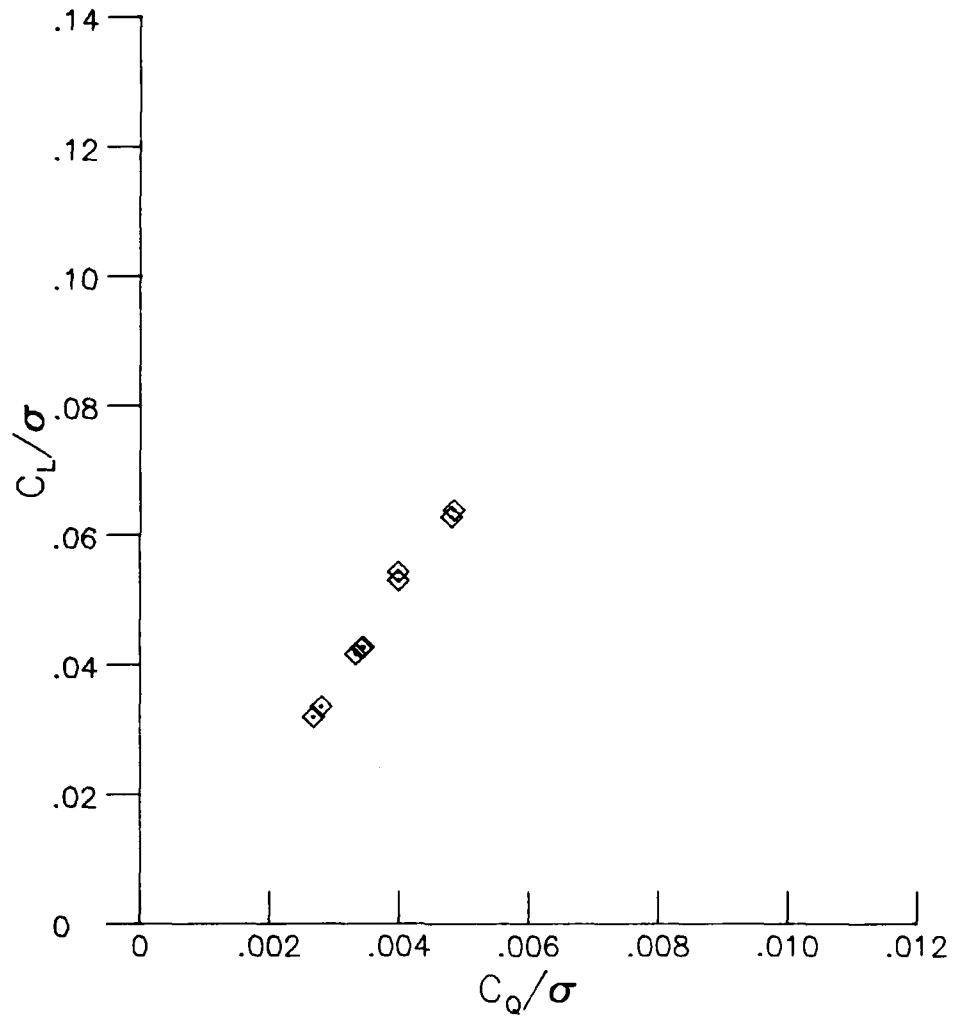
Figure 7.- Continued.



(e) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.65$.

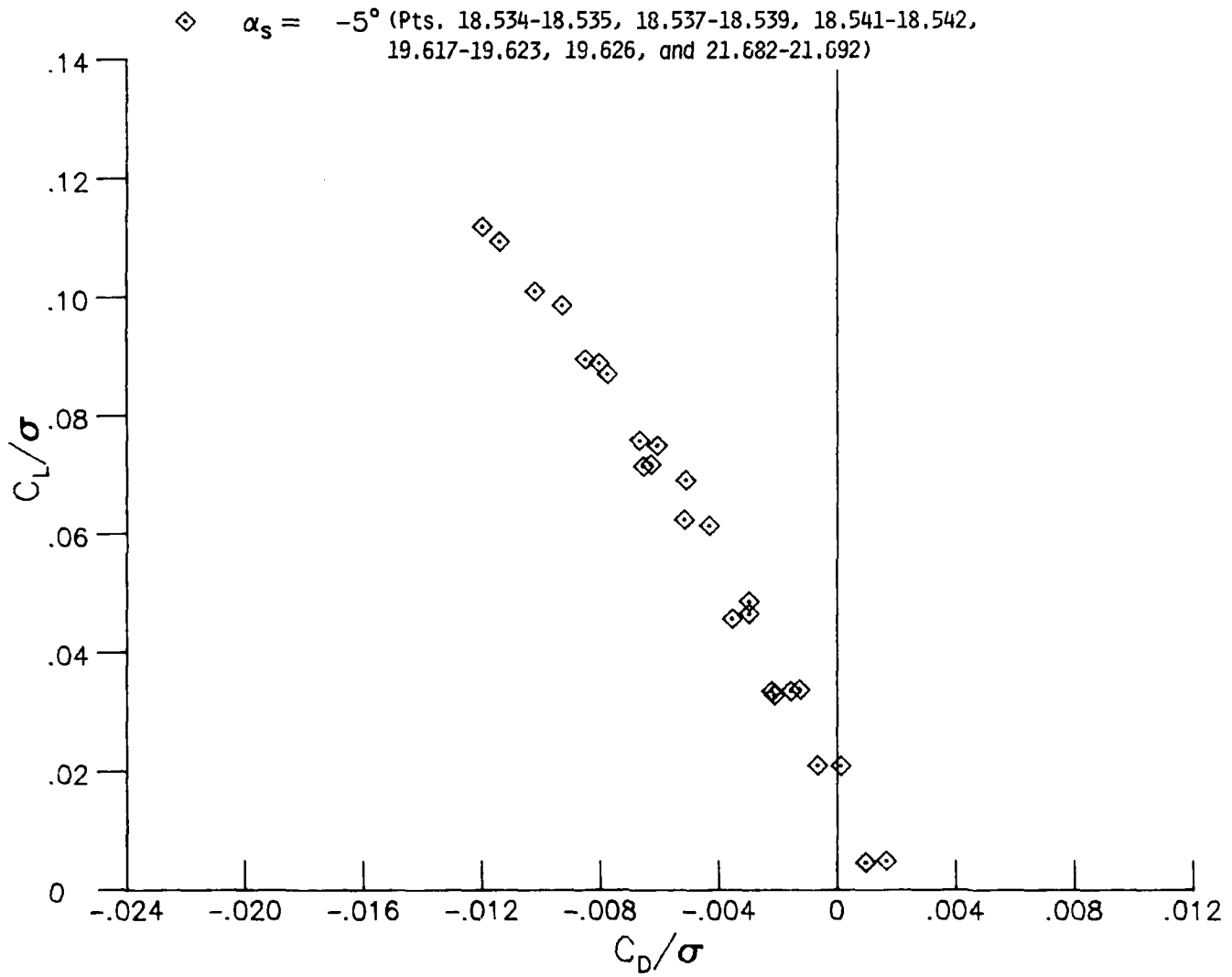
Figure 7.- Continued.

◇ $\alpha_s = -5^\circ$ (Pts. 12.331-12.335 and 14.365-14.368)



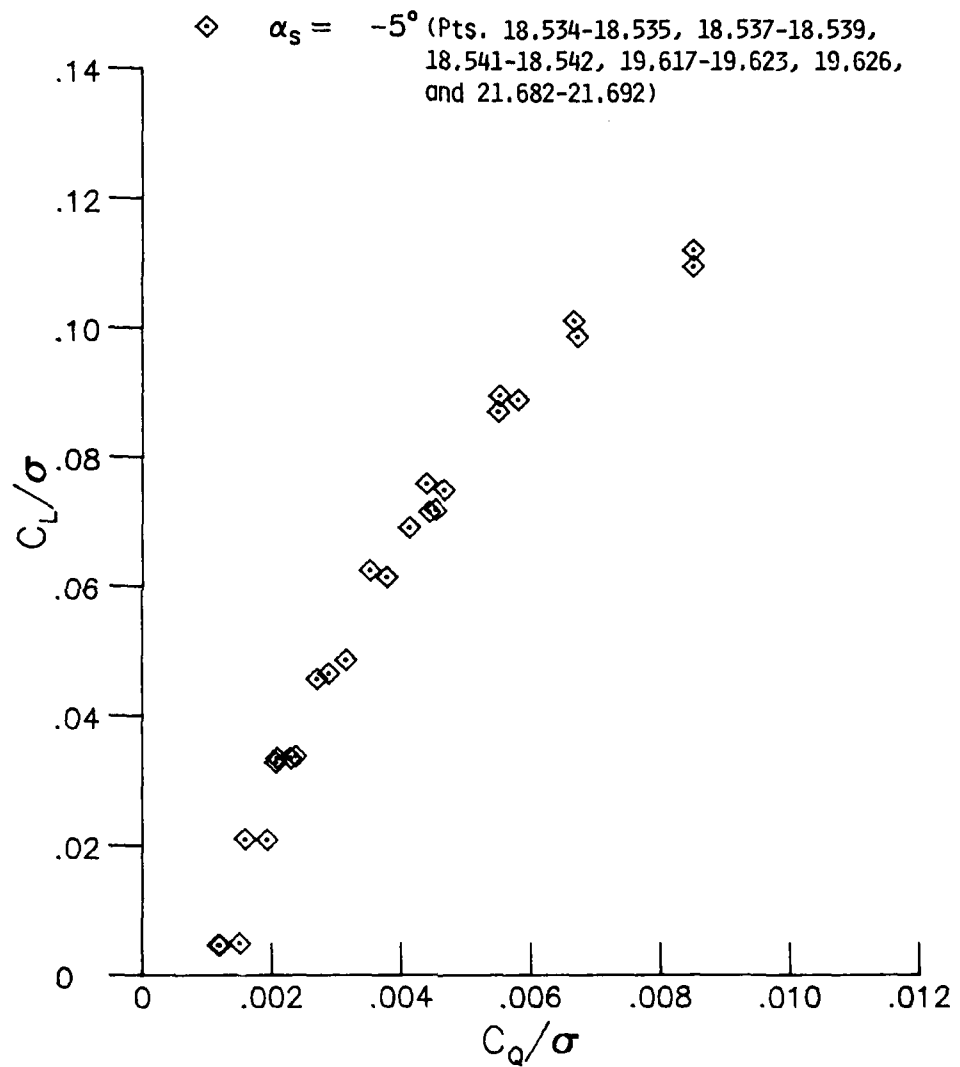
(f) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 7.- Concluded.



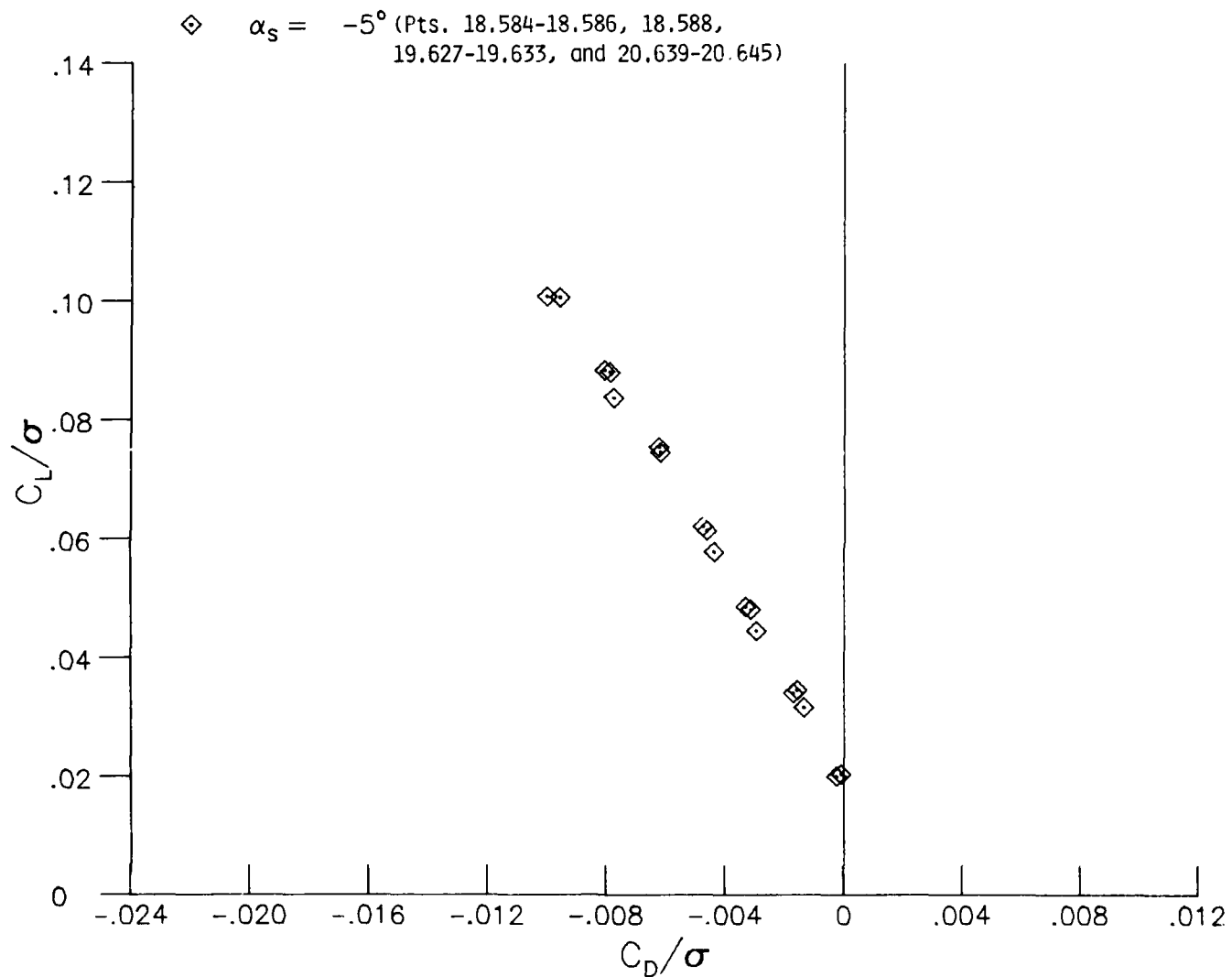
(a) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 8.- Rotor performance data for baseline blade with swept tip and 0° tabs. (See table IV.)



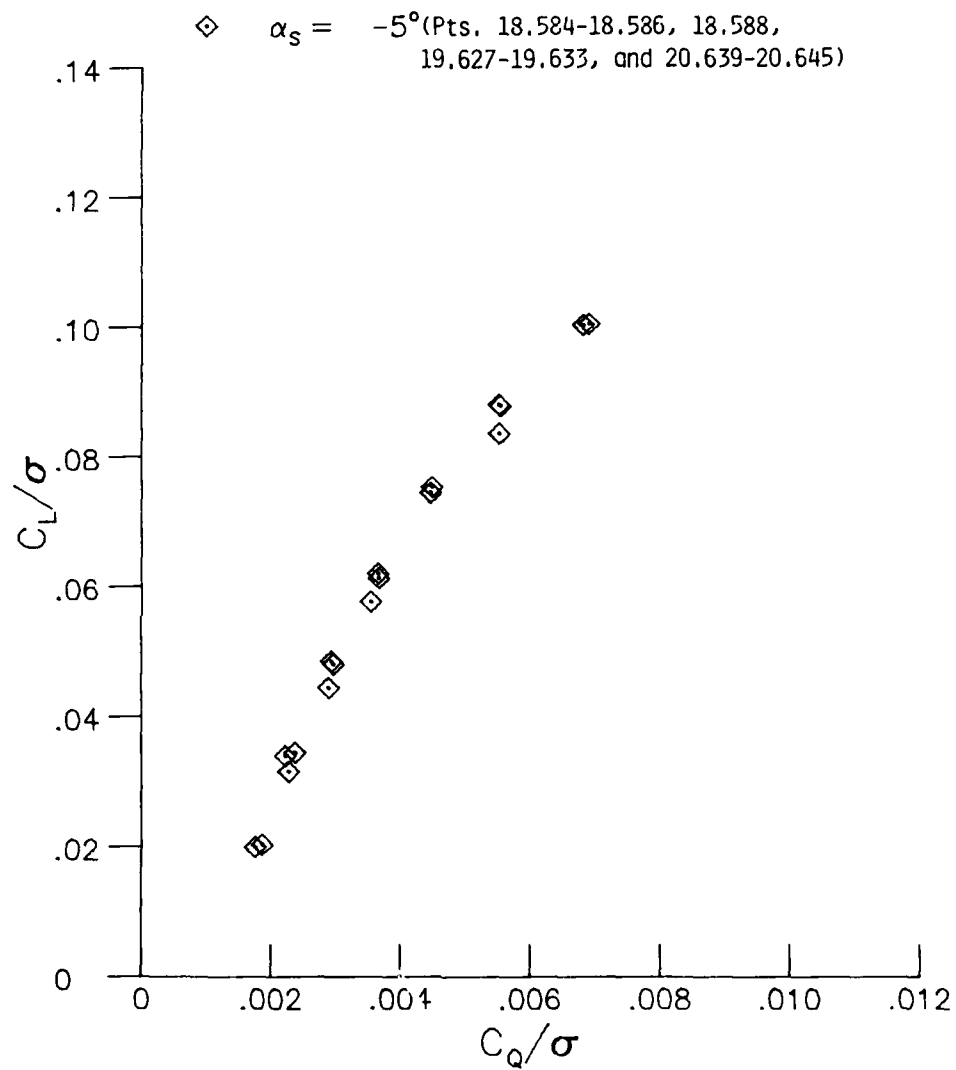
(b) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 8.- Continued.



(c) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.68$.

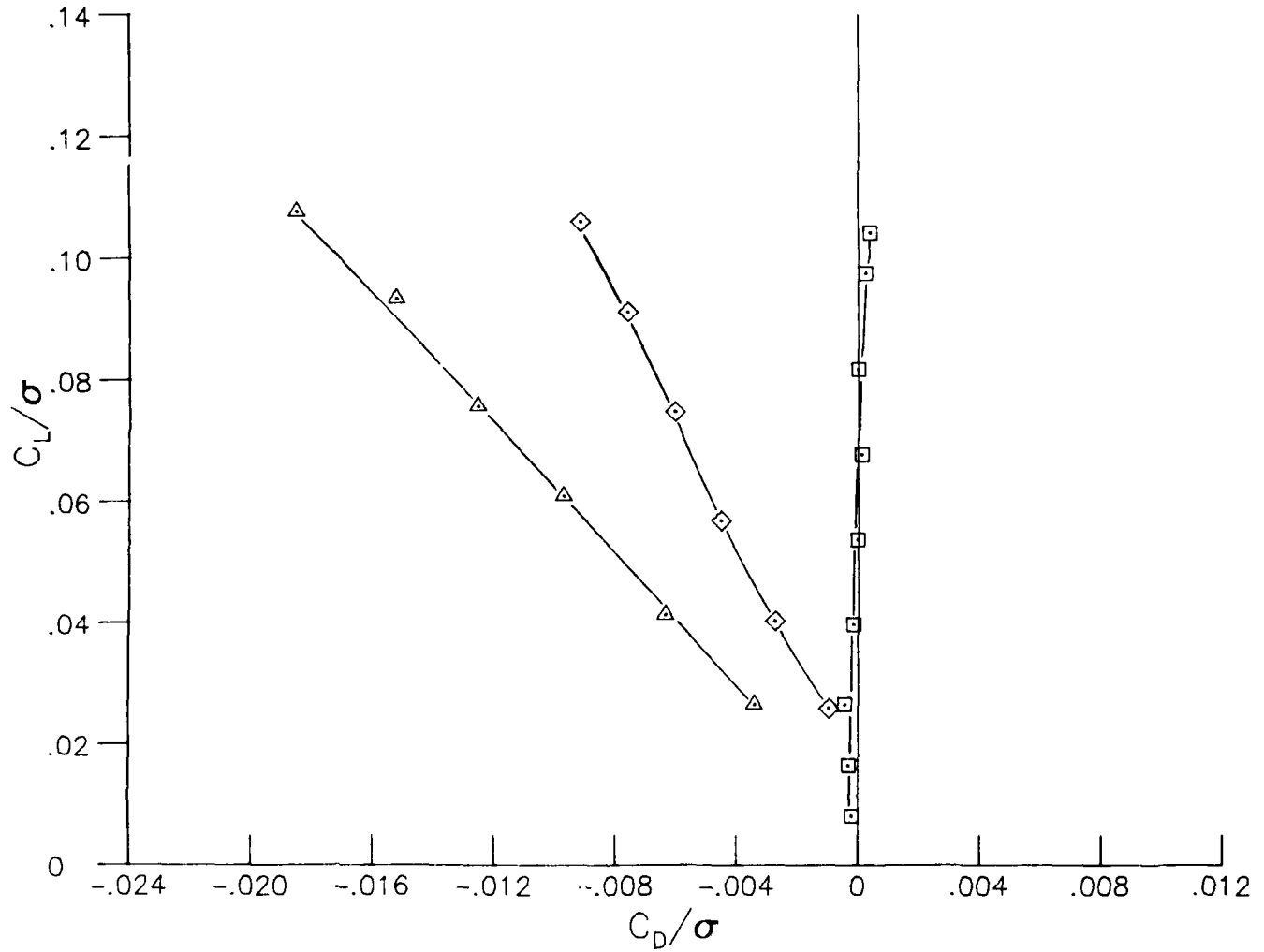
Figure 8.- Continued.



(d) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.68$.

Figure 8.- Concluded.

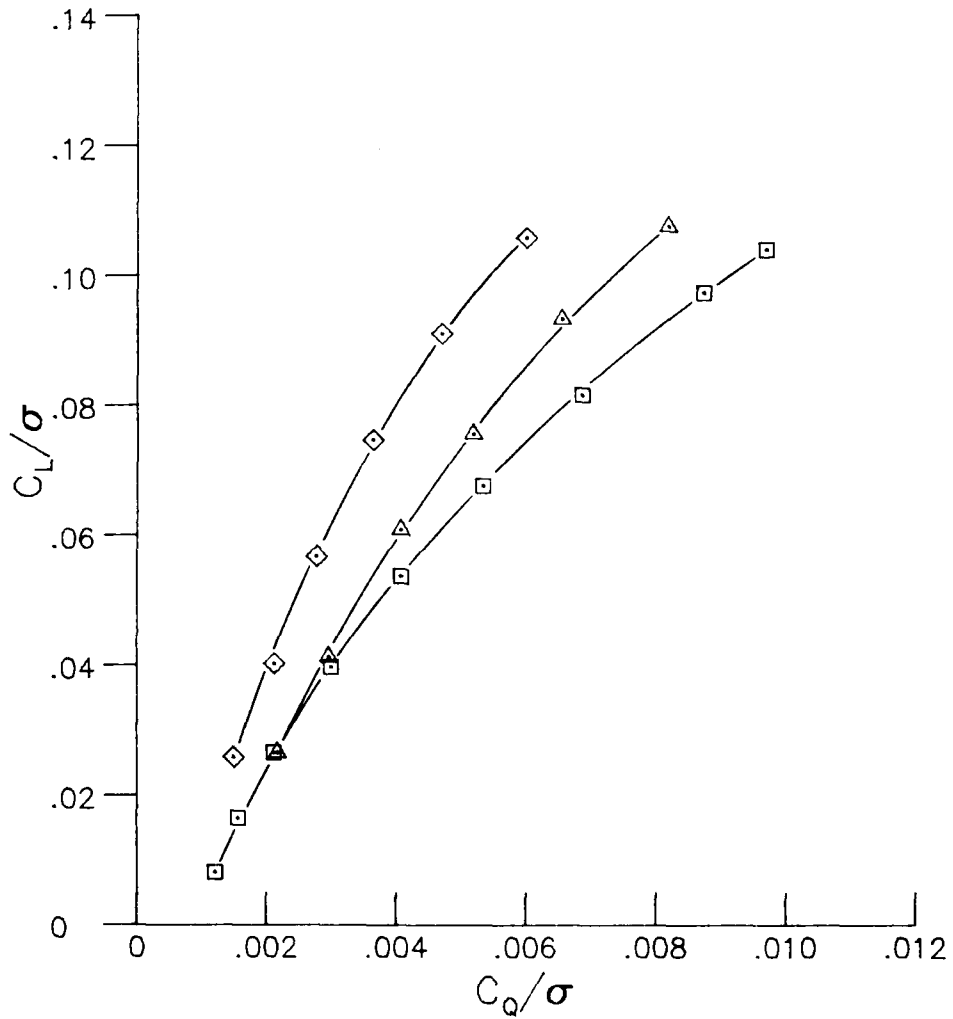
- $\alpha_S = 0^\circ$ (Pts. 38.388-38.396)
- ◇ $\alpha_S = -5^\circ$ (Pts. 38.382-38.387)
- △ $\alpha_S = -10^\circ$ (Pts. 38.376-38.381)



(a) C_L/σ versus C_D/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 9.- Rotor performance data for ACR blade with rectangular tip and 0° tabs.

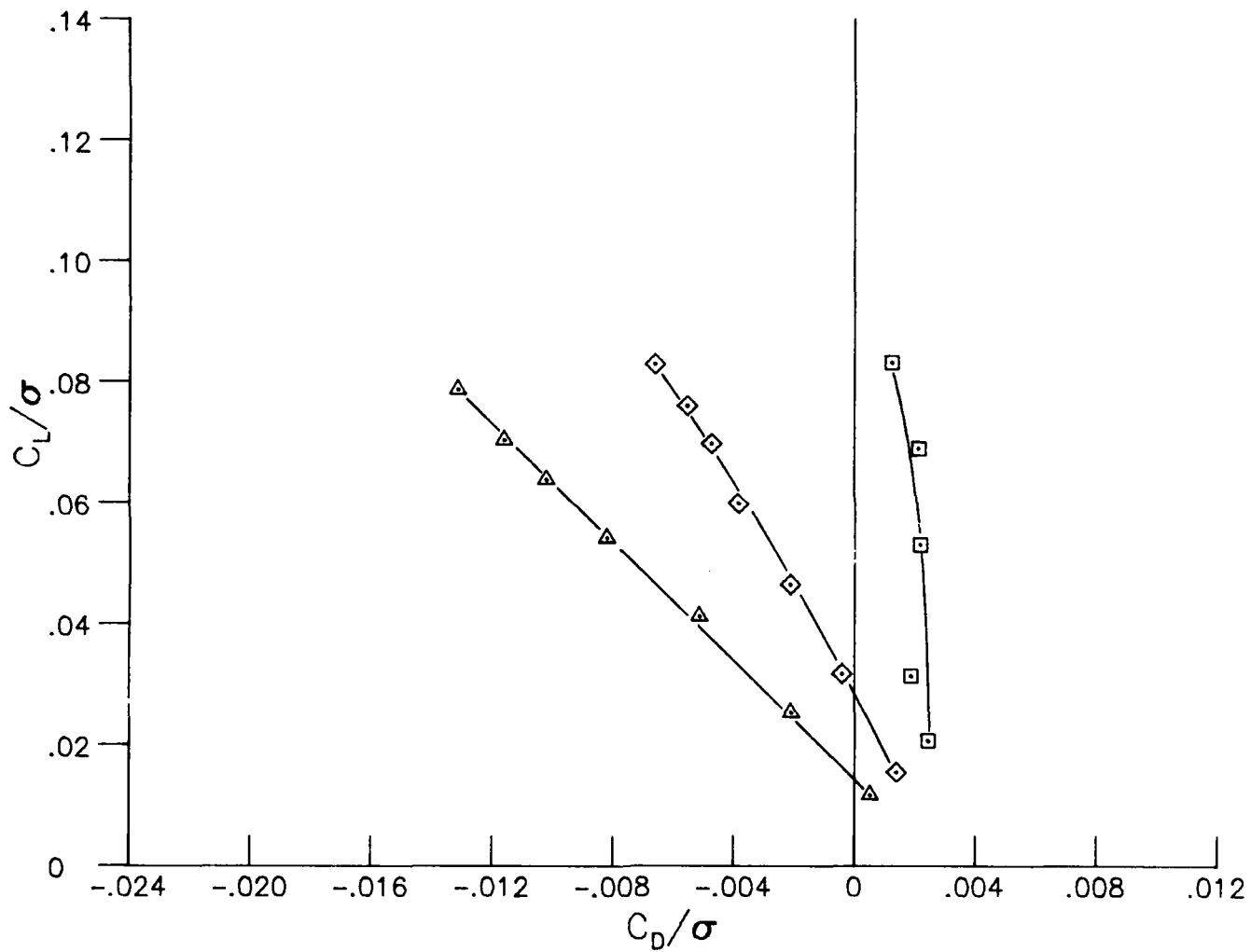
- $\alpha_s = 0^\circ$ (Pts. 38.388-38.396)
- ◇ $\alpha_s = -5^\circ$ (Pts. 38.382-38.387)
- △ $\alpha_s = -10^\circ$ (Pts. 38.376-38.381)



(b) C_L/σ versus C_Q/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 9.- Continued.

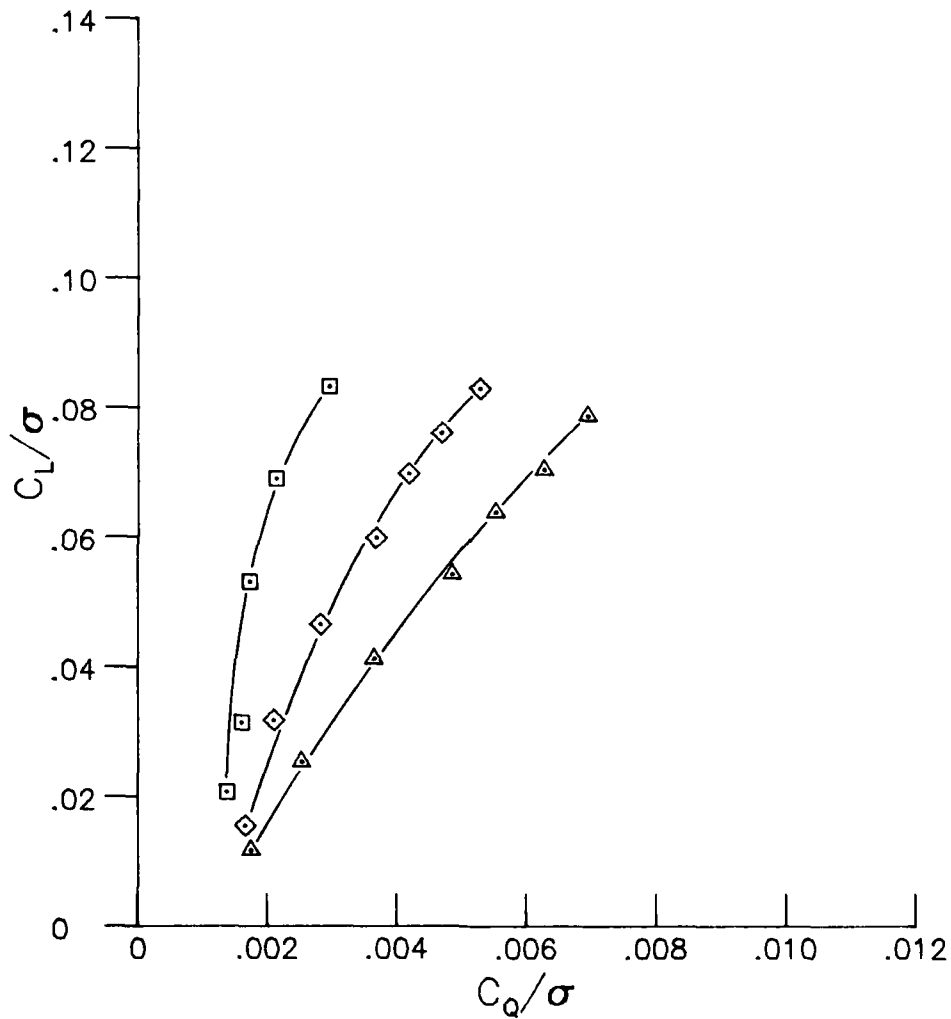
- $\alpha_s = 0^\circ$ (Pts. 38.355-38.359)
- ◇ $\alpha_s = -5^\circ$ (Pts. 38.360-38.366)
- △ $\alpha_s = -10^\circ$ (Pts. 38.367-38.373)



(c) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 9.- Continued.

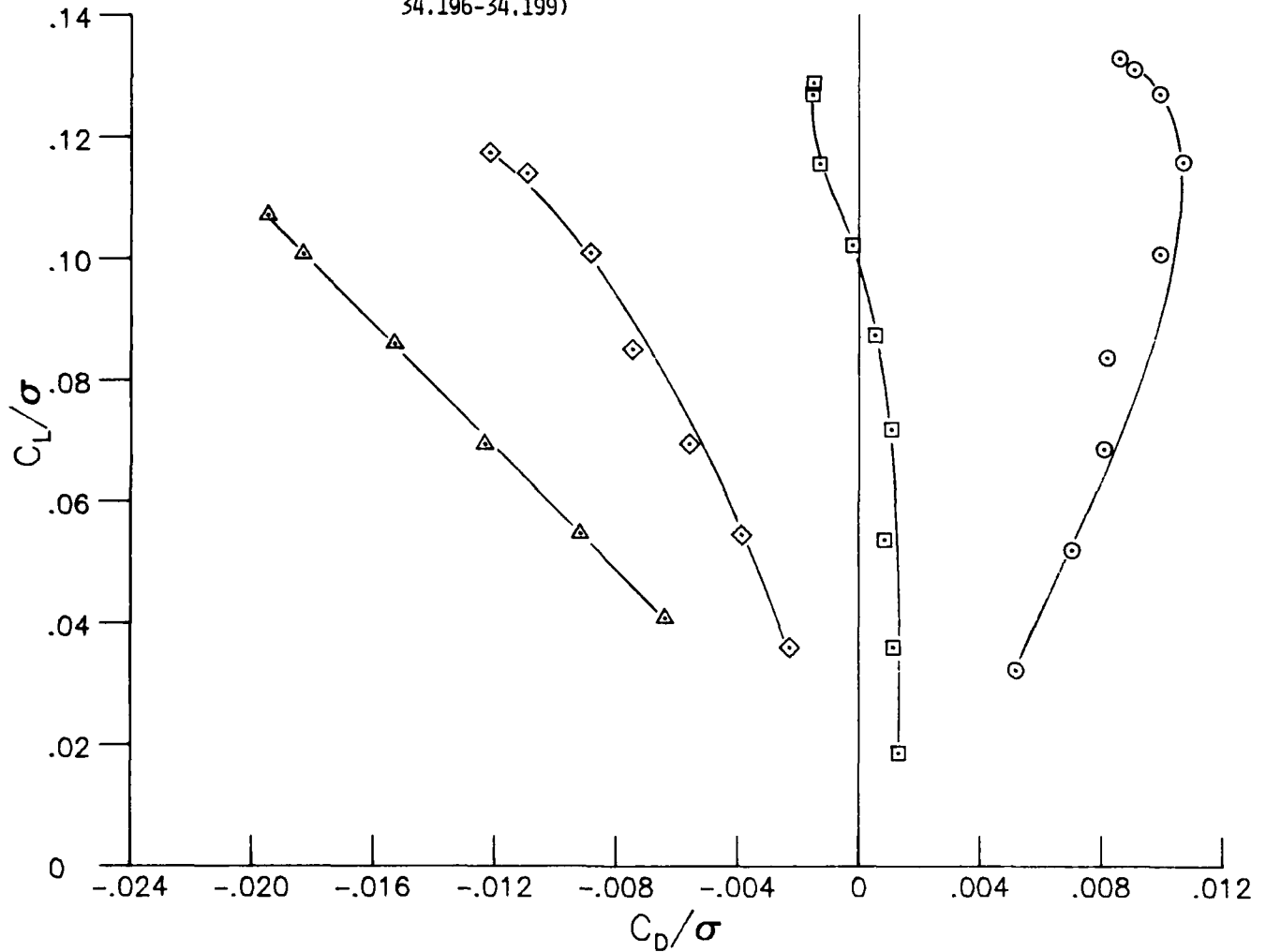
- $\alpha_s = 0^\circ$ (Pts. 38.355-38.359)
- ◇ $\alpha_s = -5^\circ$ (Pts. 38.360-38.366)
- △ $\alpha_s = -10^\circ$ (Pts. 38.367-38.373)



(d) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 9.- Concluded.

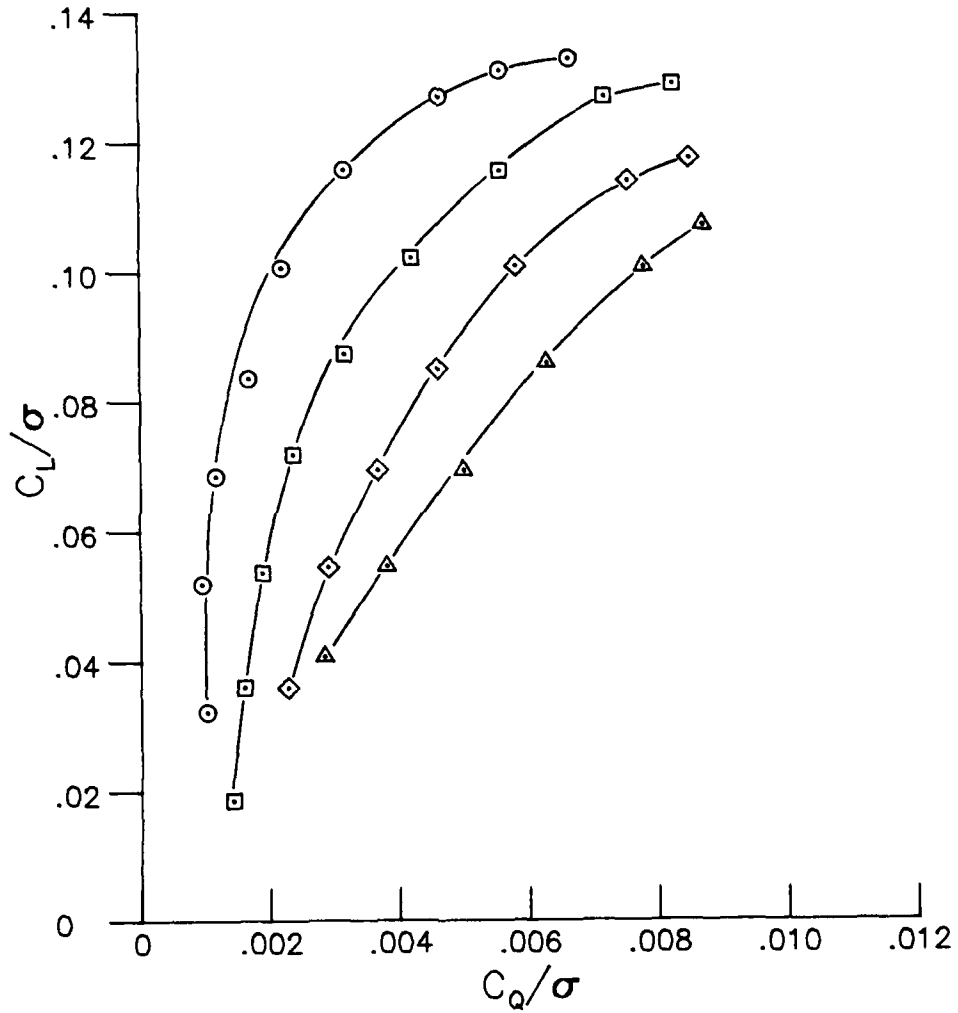
- ≡ $\alpha_s = 5^\circ$ (Pts. 34.177-34.185)
- ≡ $\alpha_s = 0^\circ$ (Pts. 34.168-34.176)
- ◇ ≡ $\alpha_s = -5^\circ$ (Pts. 34.186-34.192)
- △ ≡ $\alpha_s = -10^\circ$ (Pts. 34.193-34.194 and 34.196-34.199)



(a) C_L/σ versus C_D/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 10.- Rotor performance data for ACR blade with rectangular tip and 4° tabs.

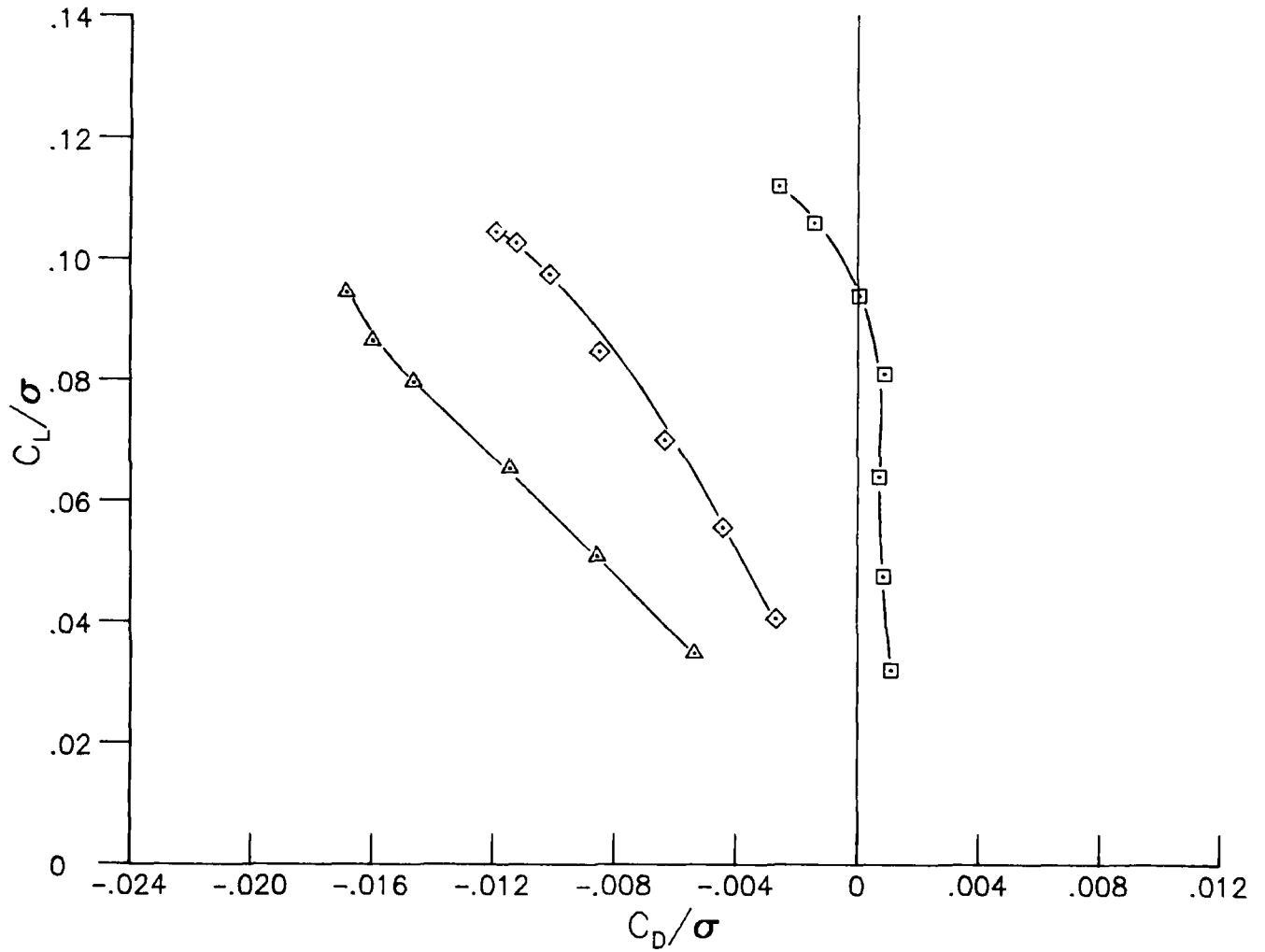
- $\alpha_s = 5^\circ$ (Pts. 34.177-34.185)
- $\alpha_s = 0^\circ$ (Pts. 34.168-34.176)
- ◇ $\alpha_s = -5^\circ$ (Pts. 34.186-34.192)
- △ $\alpha_s = -10^\circ$ (Pts. 34.193-34.194 and 34.196-34.199)



(b) C_L/σ versus C_Q/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 10.- Continued.

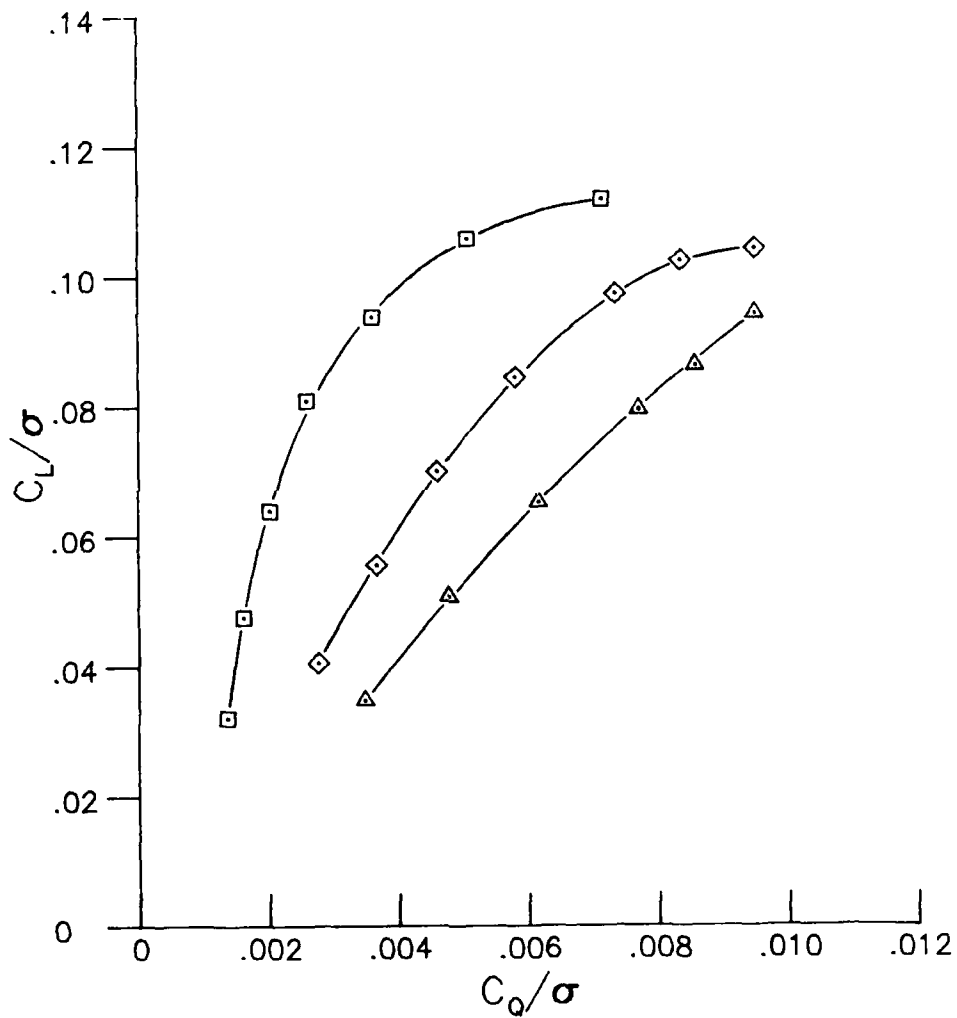
- $\alpha_s = 0^\circ$ (Pts. 35.203-35.205 and 35.207-35.210)
- ◇ $\alpha_s = -5^\circ$ (Pts. 35.211-35.217)
- △ $\alpha_s = -10^\circ$ (Pts. 35.218-35.223)



(c) C_L/σ versus C_D/σ for $\mu = 0.30$ and $M_T = 0.62$.

Figure 10.- Continued.

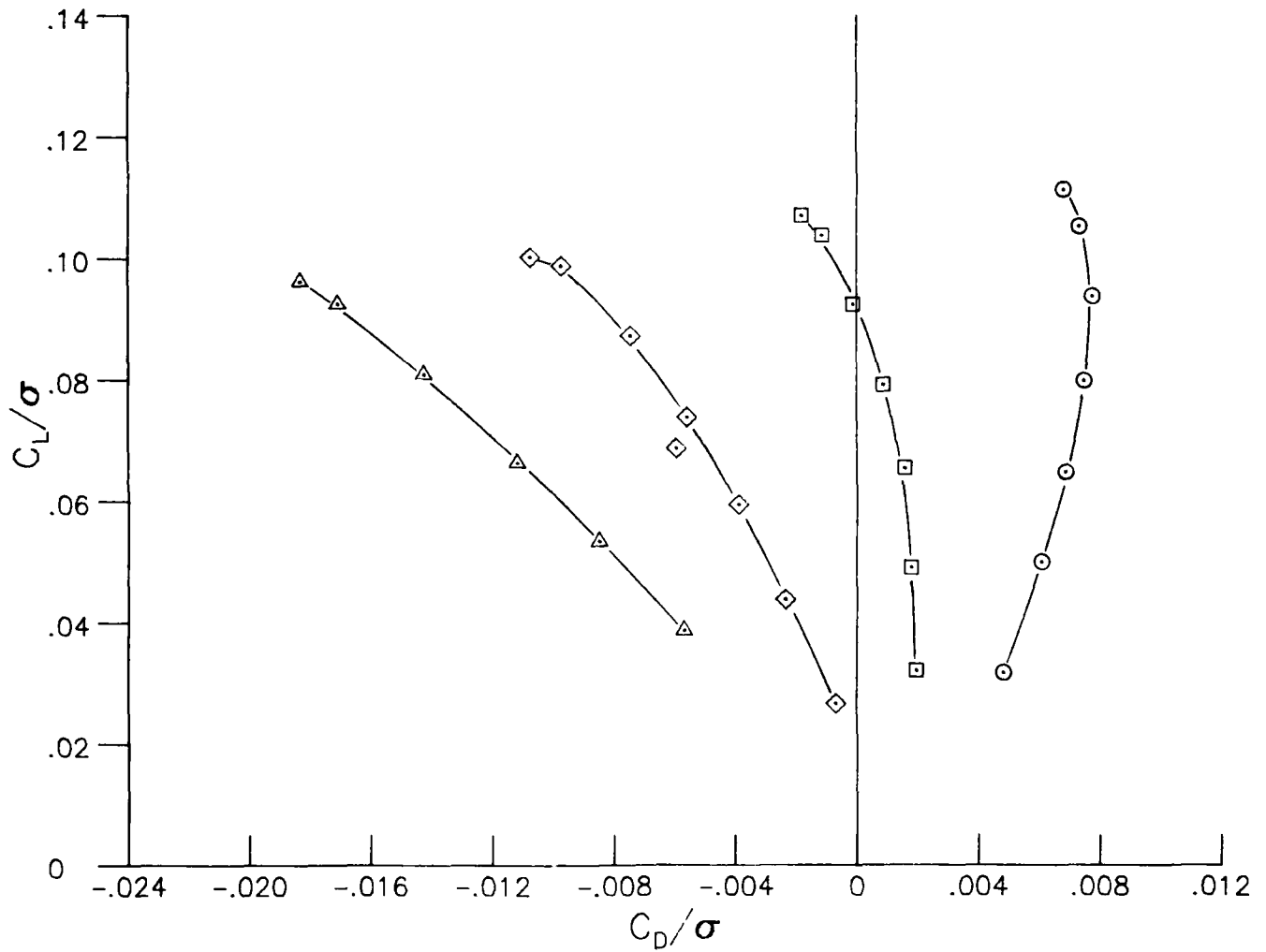
- $\alpha_s = 0^\circ$ (Pts. 35.203-35.205 and 35.207-35.210)
- ◇ $\alpha_s = -5^\circ$ (Pts. 35.211-35.217)
- △ $\alpha_s = -10^\circ$ (Pts. 35.218-35.223)



(d) C_L/σ versus C_Q/σ for $\mu = 0.30$ and $M_T = 0.62$.

Figure 10.- Continued.

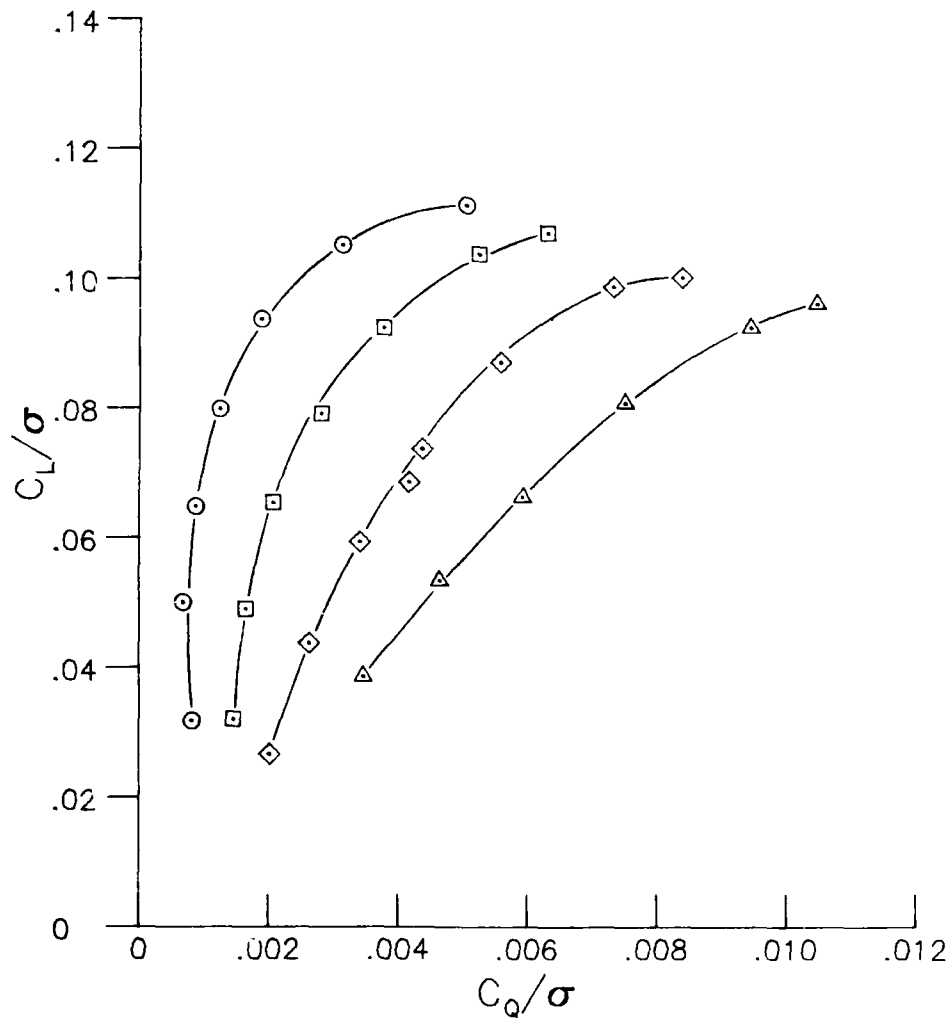
- $\alpha_s = 5^\circ$ (Pts. 35.224-35.230)
- $\alpha_s = 0^\circ$ (Pts. 35.231-35.237)
- ◇ $\alpha_s = -5^\circ$ (Pts. 35.238-35.245)
- △ $\alpha_s = -10^\circ$ (Pts. 35.246-35.251)



(e) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 10.- Continued.

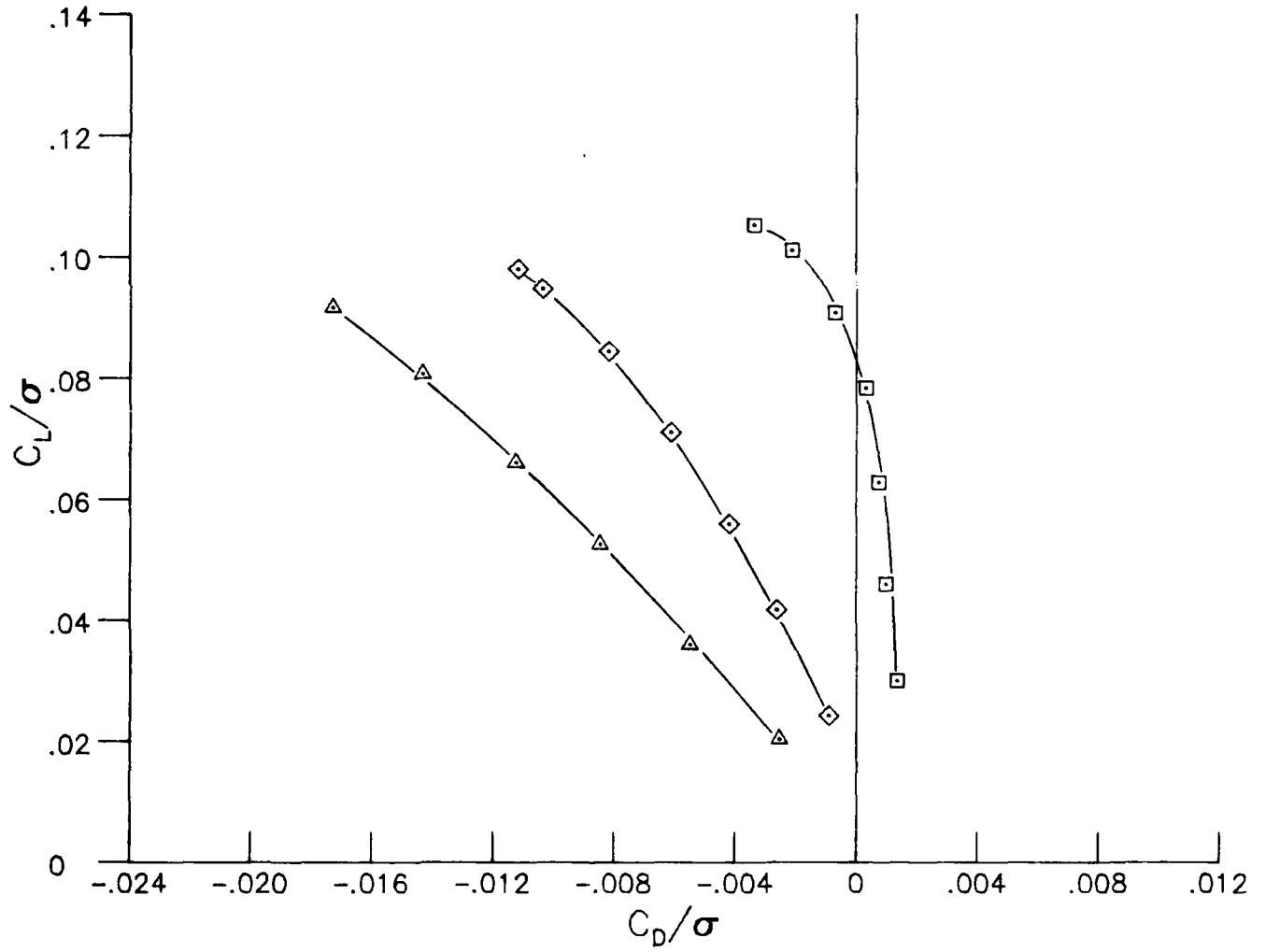
- $\alpha_s = 5^\circ$ (Pts. 35.224-35.230)
- $\alpha_s = 0^\circ$ (Pts. 35.231-35.237)
- ◇ $\alpha_s = -5^\circ$ (Pts. 35.238-35.245)
- △ $\alpha_s = -10^\circ$ (Pts. 35.246-35.251)



(f) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 10.- Continued.

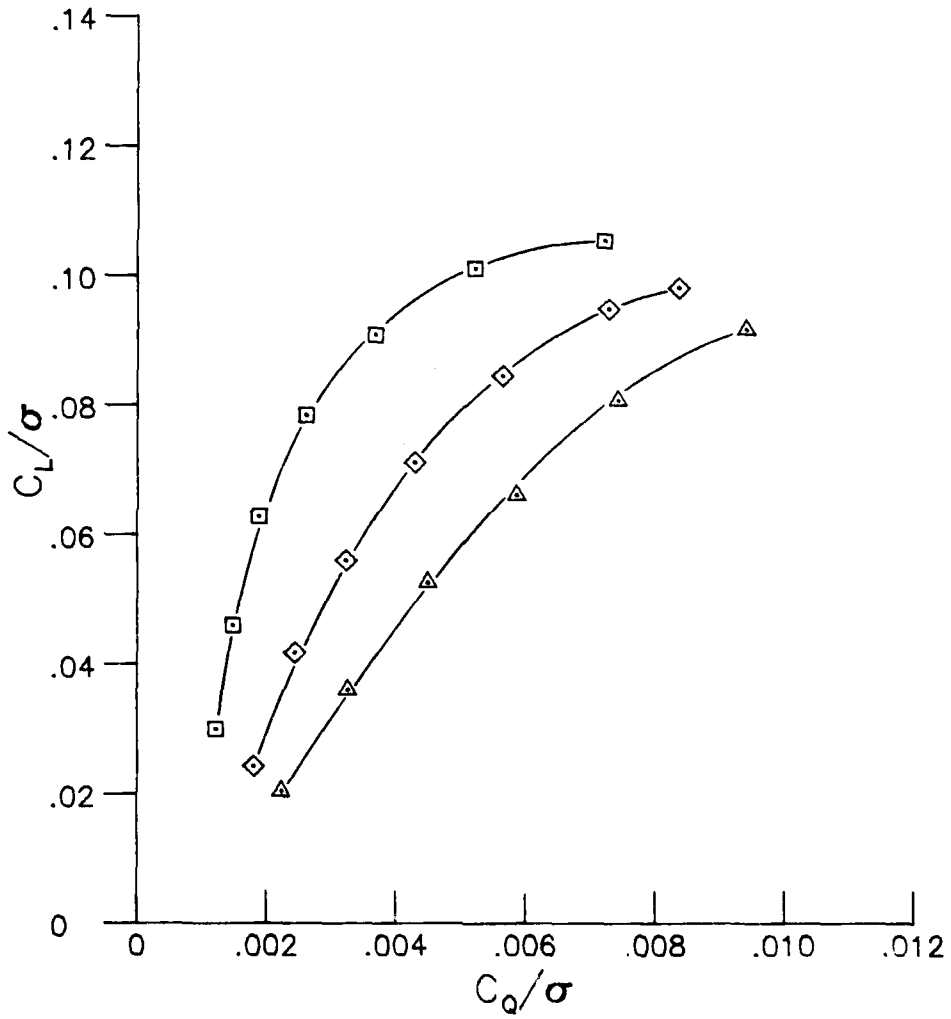
- $\alpha_S = 0^\circ$ (Pts. 36.255-36.261)
- ◇ $\alpha_S = -5^\circ$ (Pts. 36.262-36.268)
- △ $\alpha_S = -10^\circ$ (Pts. 36.269-36.274)



(g) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.68$.

Figure 10.- Continued.

- $\alpha_s = 0^\circ$ (Pts. 36.255-36.261)
- ◇ $\alpha_s = -5^\circ$ (Pts. 36.262-36.268)
- △ $\alpha_s = -10^\circ$ (Pts. 36.269-36.274)



(h) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.68$.

Figure 10.- Continued.

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LOADS AND PERFORMANCE DATA FROM A WIND-TUNNEL TEST OF
MODEL ARTICULATED H. (U) NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION HAMPTON VA LANG. M T YEAGER ET AL.

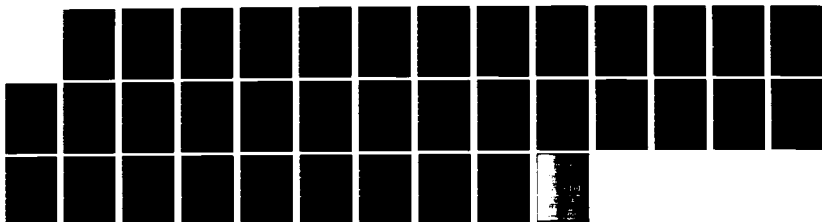
4/4

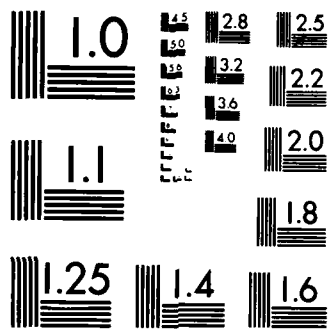
UNCLASSIFIED

APR 83 NASA-L-15587 NASA-TM-84573

F/G 28/4

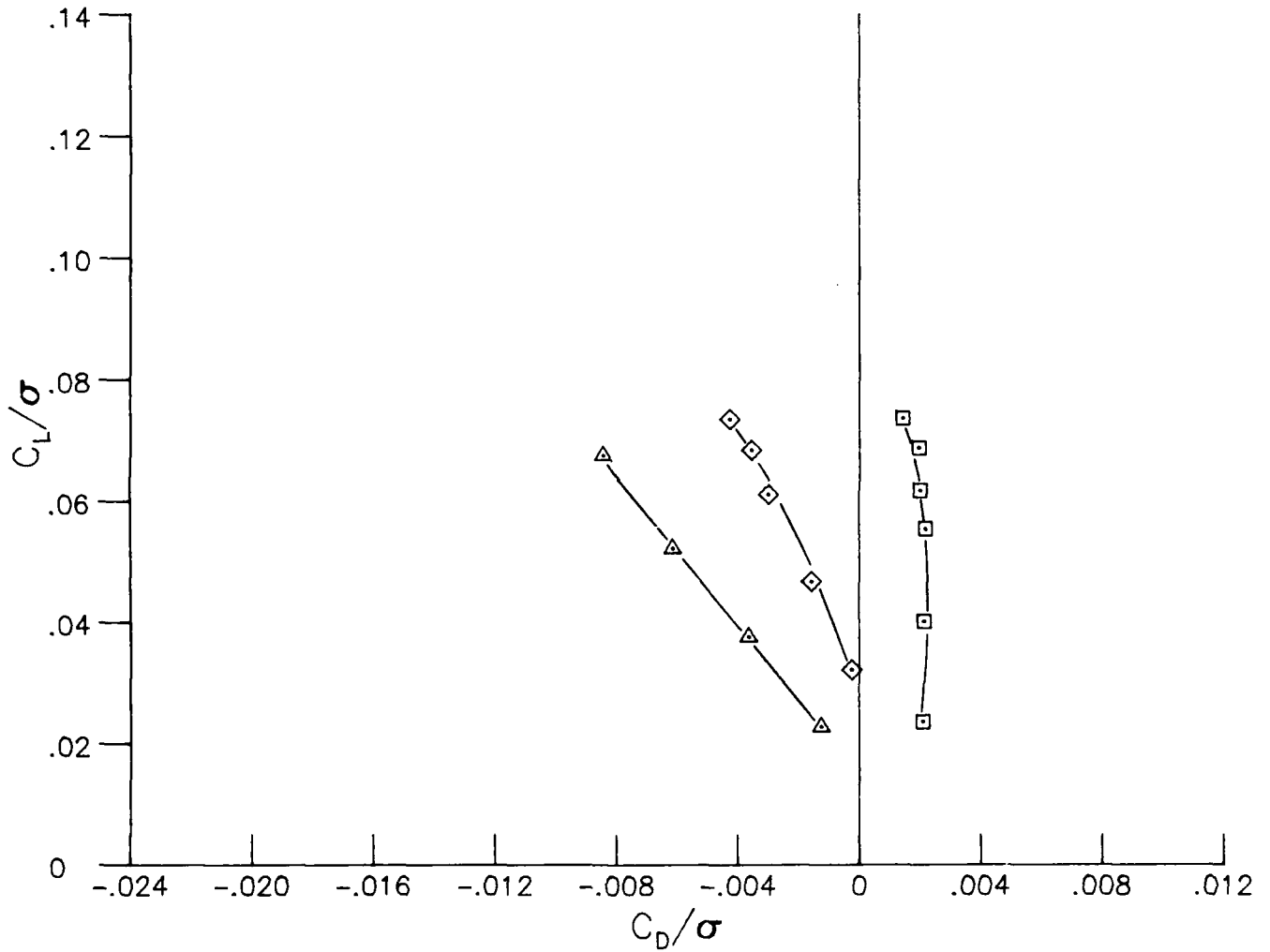
NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

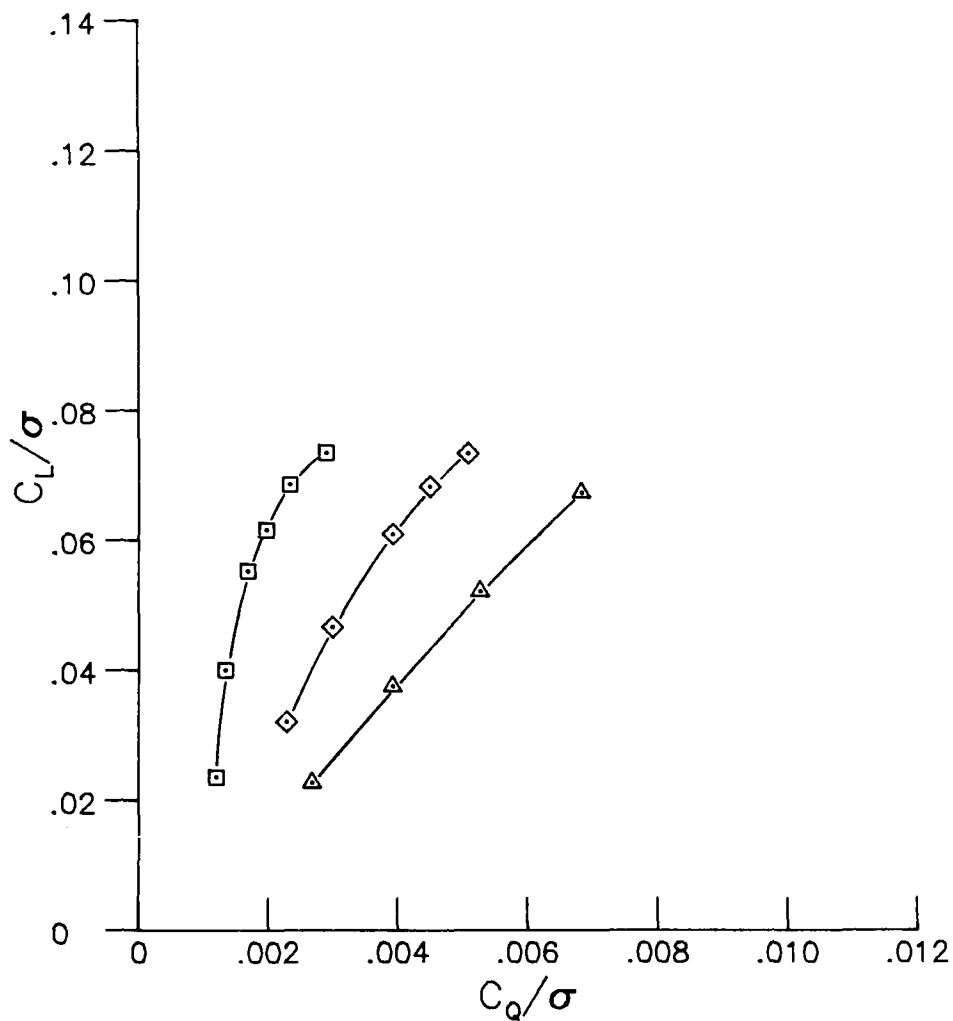
- $\alpha_S = 0^\circ$ (Pts. 36.284-36.289)
- ◇ $\alpha_S = -5^\circ$ (Pts. 36.279-36.283)
- △ $\alpha_S = -10^\circ$ (Pts. 36.275-36.278)



(i) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 10.- Continued.

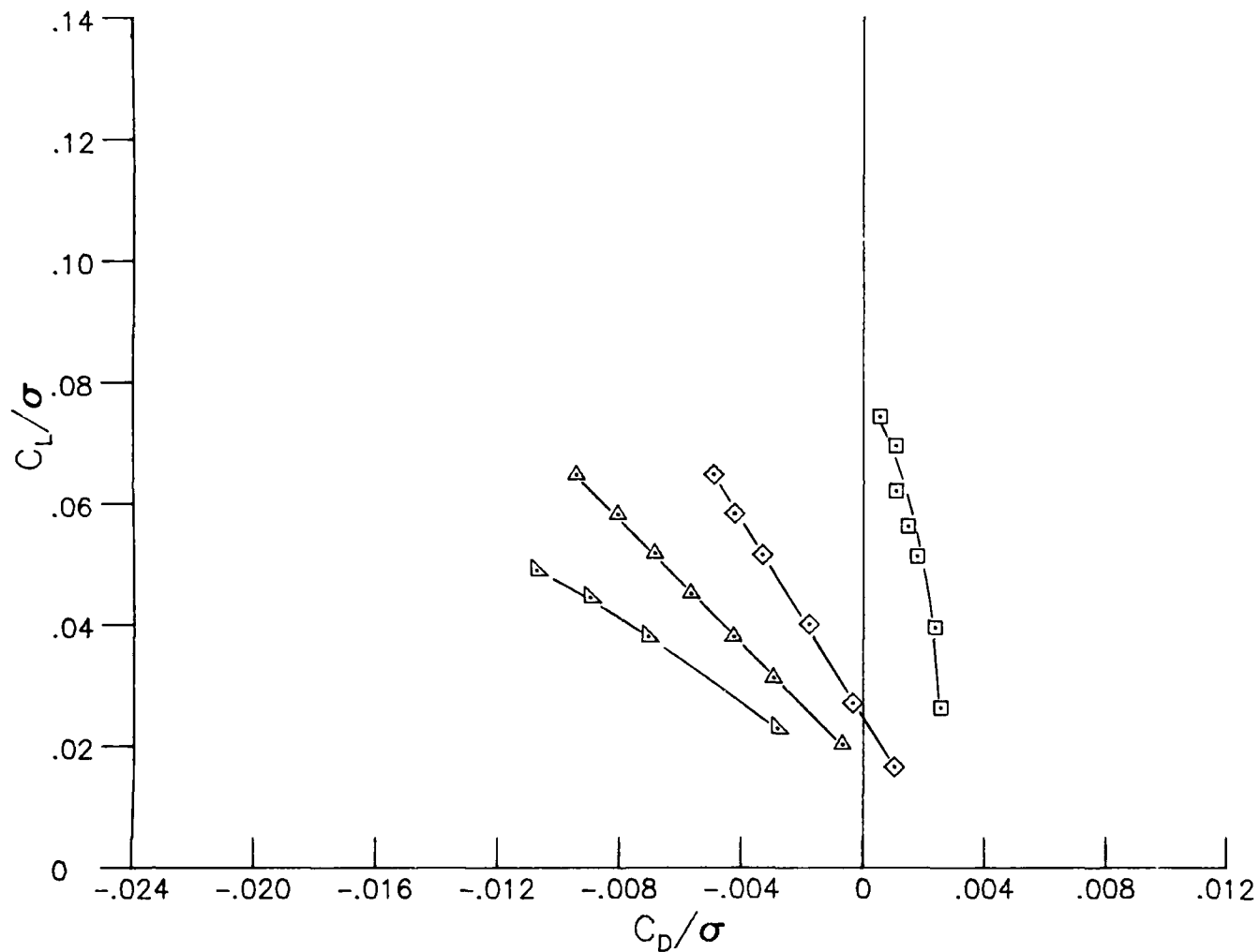
- $\alpha_s = 0^\circ$ (Pts. 36.284-36.289)
- ◇ $\alpha_s = -5^\circ$ (Pts. 36.279-36.283)
- △ $\alpha_s = -10^\circ$ (Pts. 36.275-36.278)



(j) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 10.- Continued.

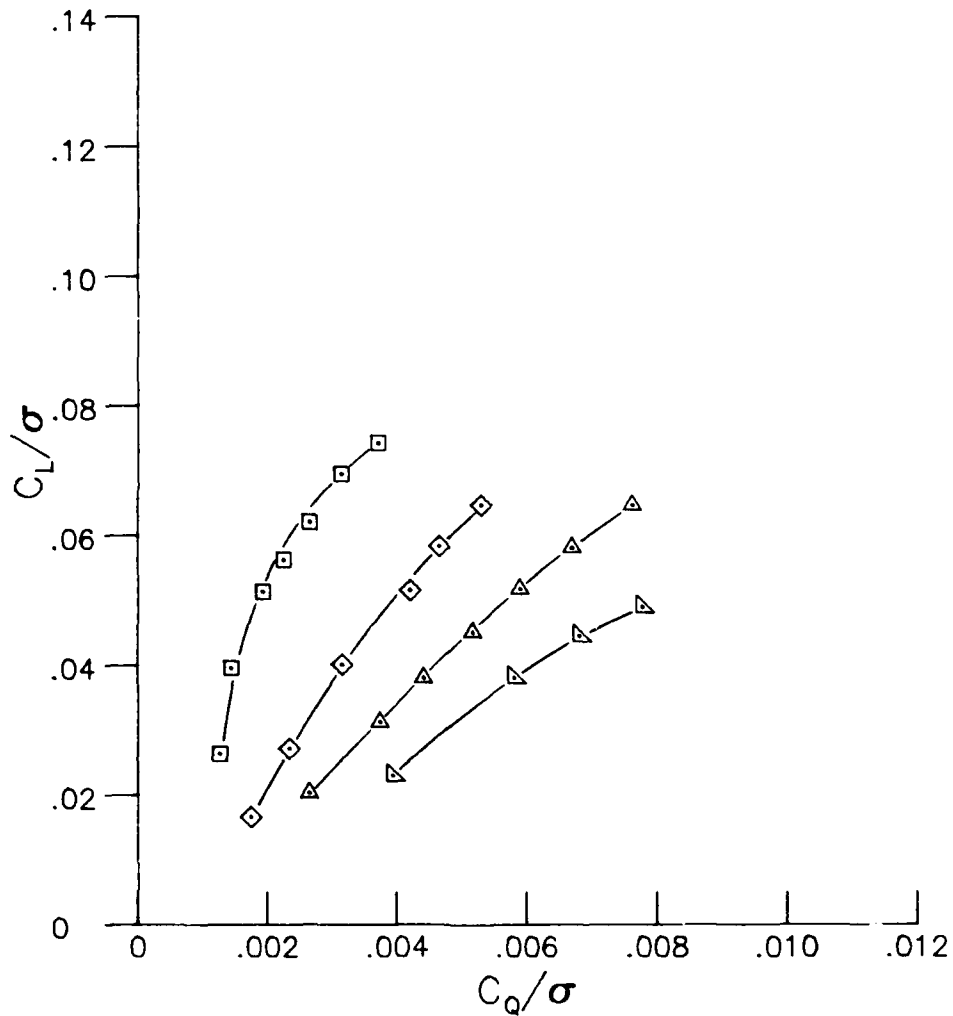
- $\alpha_S = 0^\circ$ (Pts. 36.290-36.296)
- ◇ $\alpha_S = -5^\circ$ (Pts. 36.297-36.302)
- △ $\alpha_S = -10^\circ$ (Pts. 36.303-36.309)
- ▽ $\alpha_S = -15^\circ$ (Pts. 36.310-36.313)



(k) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 10.- Continued.

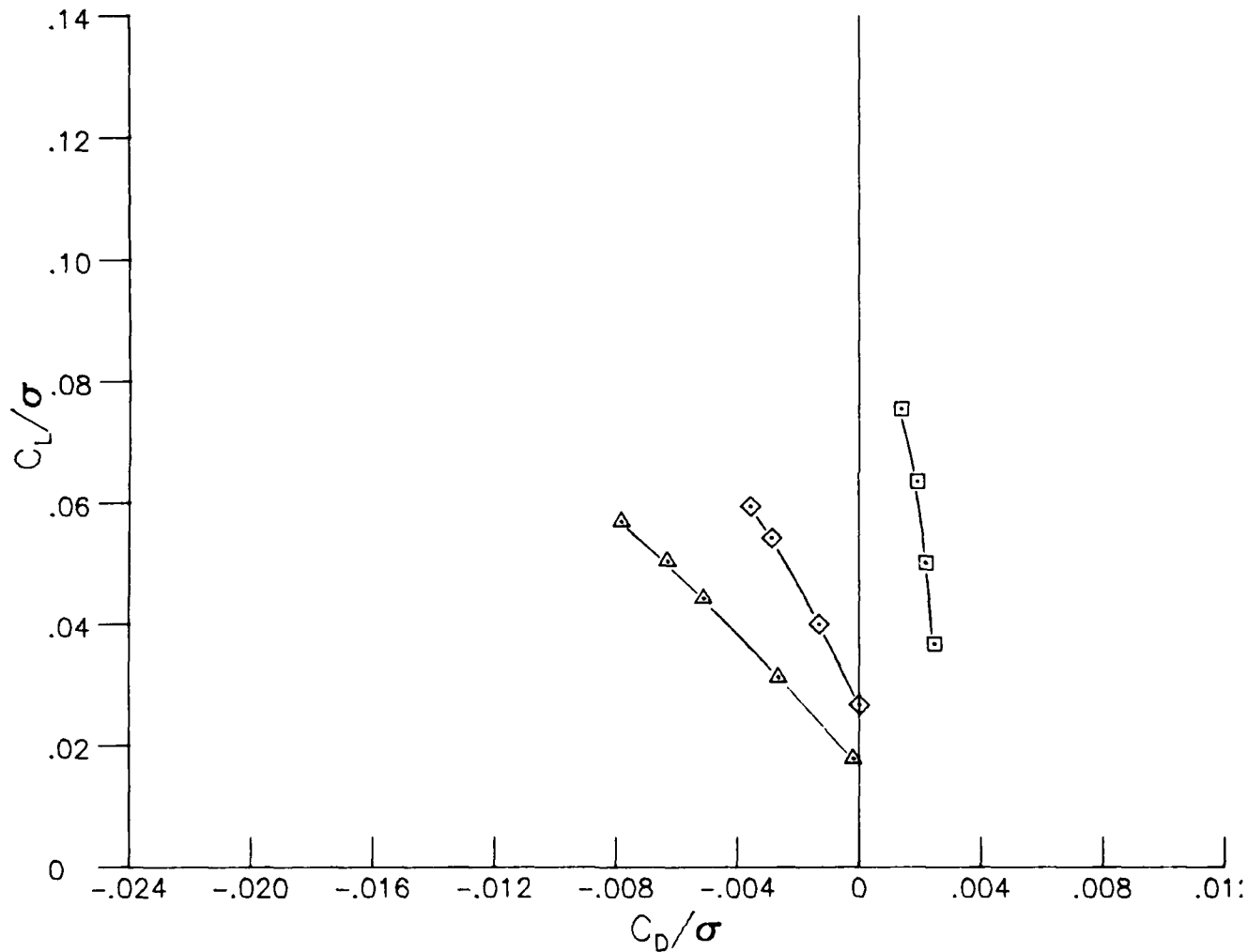
- $\alpha_s = 0^\circ$ (Pts. 36.290-36.296)
- ◇ $\alpha_s = -5^\circ$ (Pts. 36.297-36.302)
- △ $\alpha_s = -10^\circ$ (Pts. 36.303-36.309)
- ▴ $\alpha_s = -15^\circ$ (Pts. 36.310-36.315)



(1) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 10.- Continued.

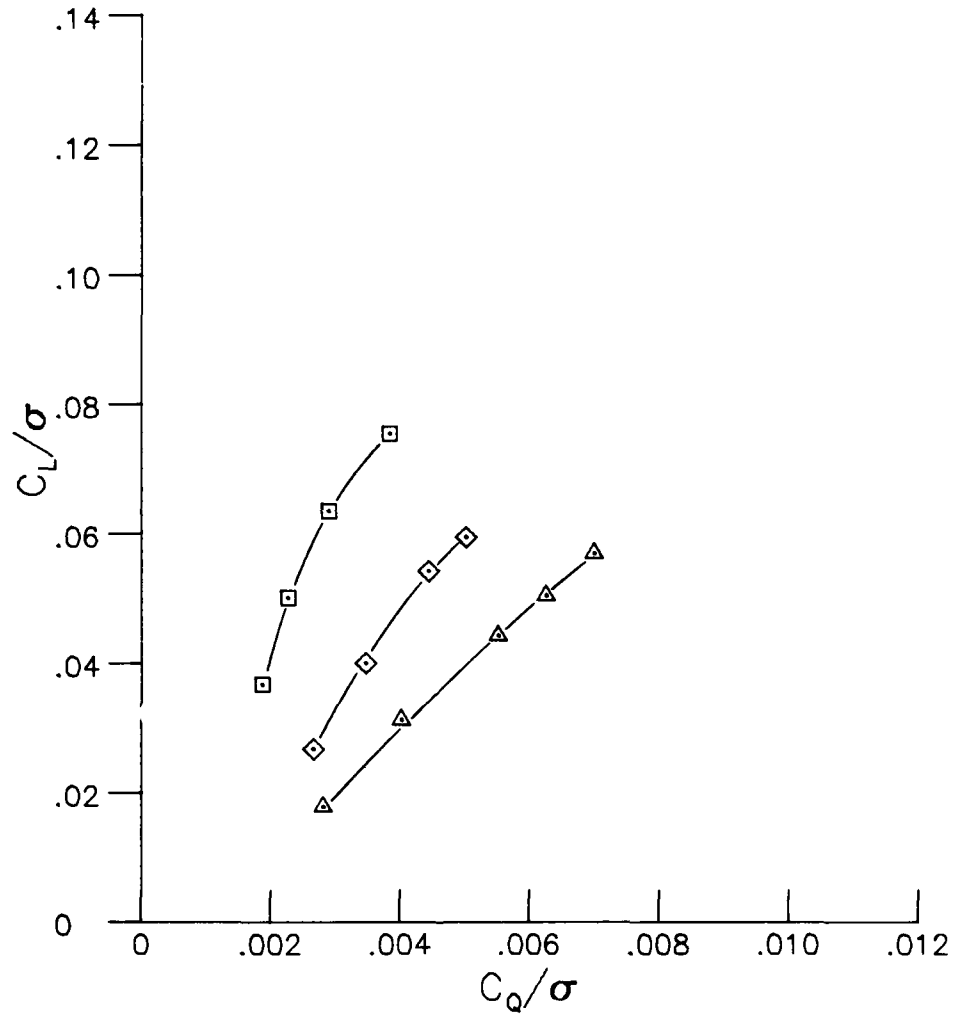
- $\alpha_s = 0^\circ$ (Pts. 37.319-37.322)
- ◇ $\alpha_s = -5^\circ$ (Pts. 37.323-37.326)
- △ $\alpha_s = -10^\circ$ (Pts. 37.327-37.331)



(m) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.68$.

Figure 10.- Continued.

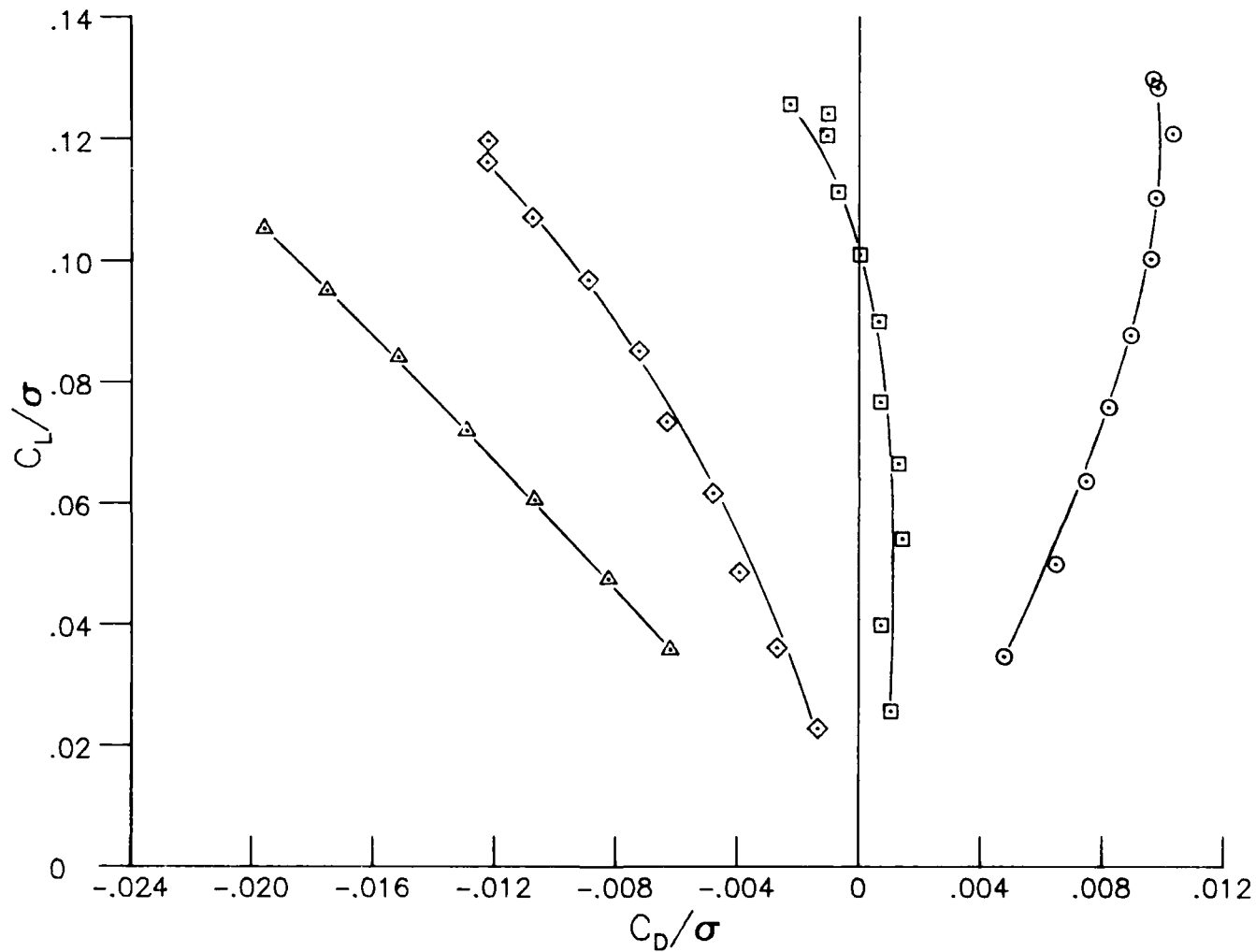
- $\alpha_s = 0^\circ$ (Pts. 37.319-37.322)
- ◇ $\alpha_s = -5^\circ$ (Pts. 37.323-37.326)
- △ $\alpha_s = -10^\circ$ (Pts. 37.327-37.331)



(n) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.68$.

Figure 10.- Concluded.

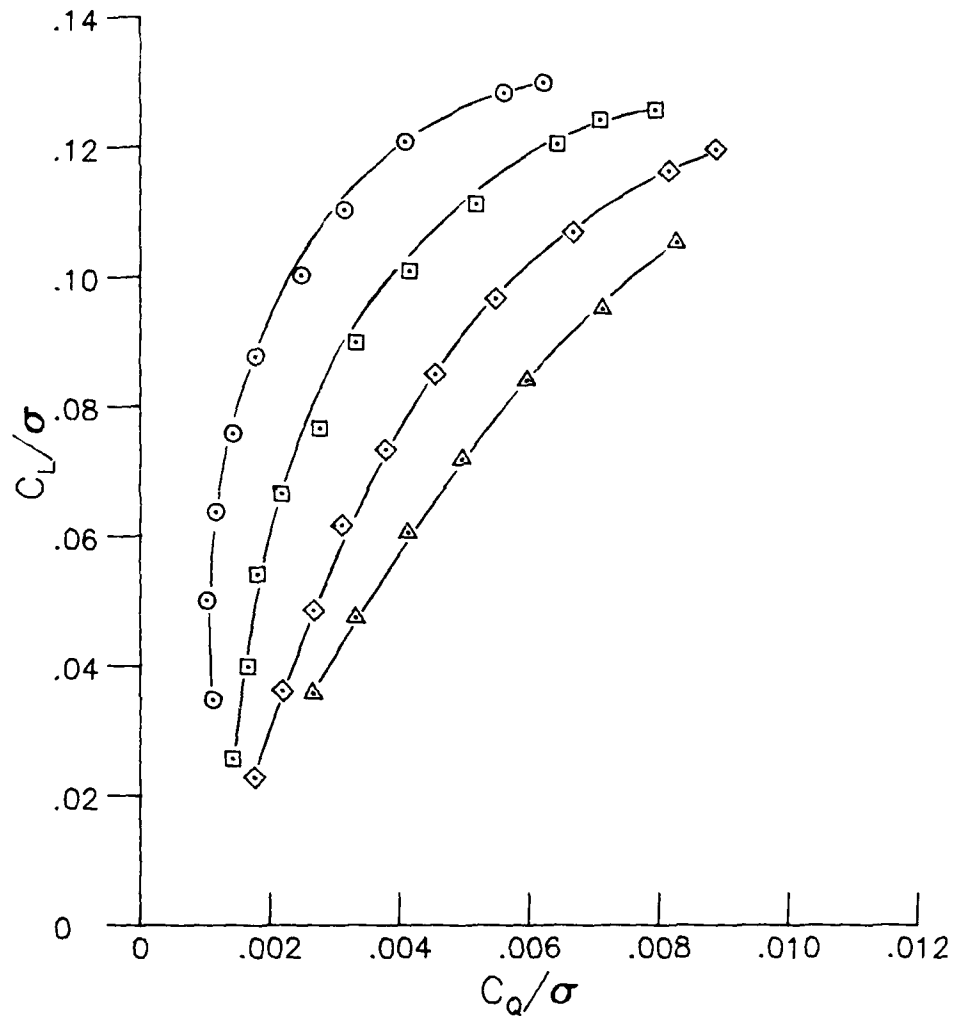
- $\alpha_s = 5^\circ$ (Pts. 7.119-7.128)
- $\alpha_s = 0^\circ$ (Pts. 7.108-7.118)
- ◇ $\alpha_s = -5^\circ$ (Pts. 7.129-7.138)
- △ $\alpha_s = -10^\circ$ (Pts. 7.139-7.145)



(a) C_L/σ versus C_D/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 11.- Rotor performance data for ACR blade with swept tip and 4° tabs.

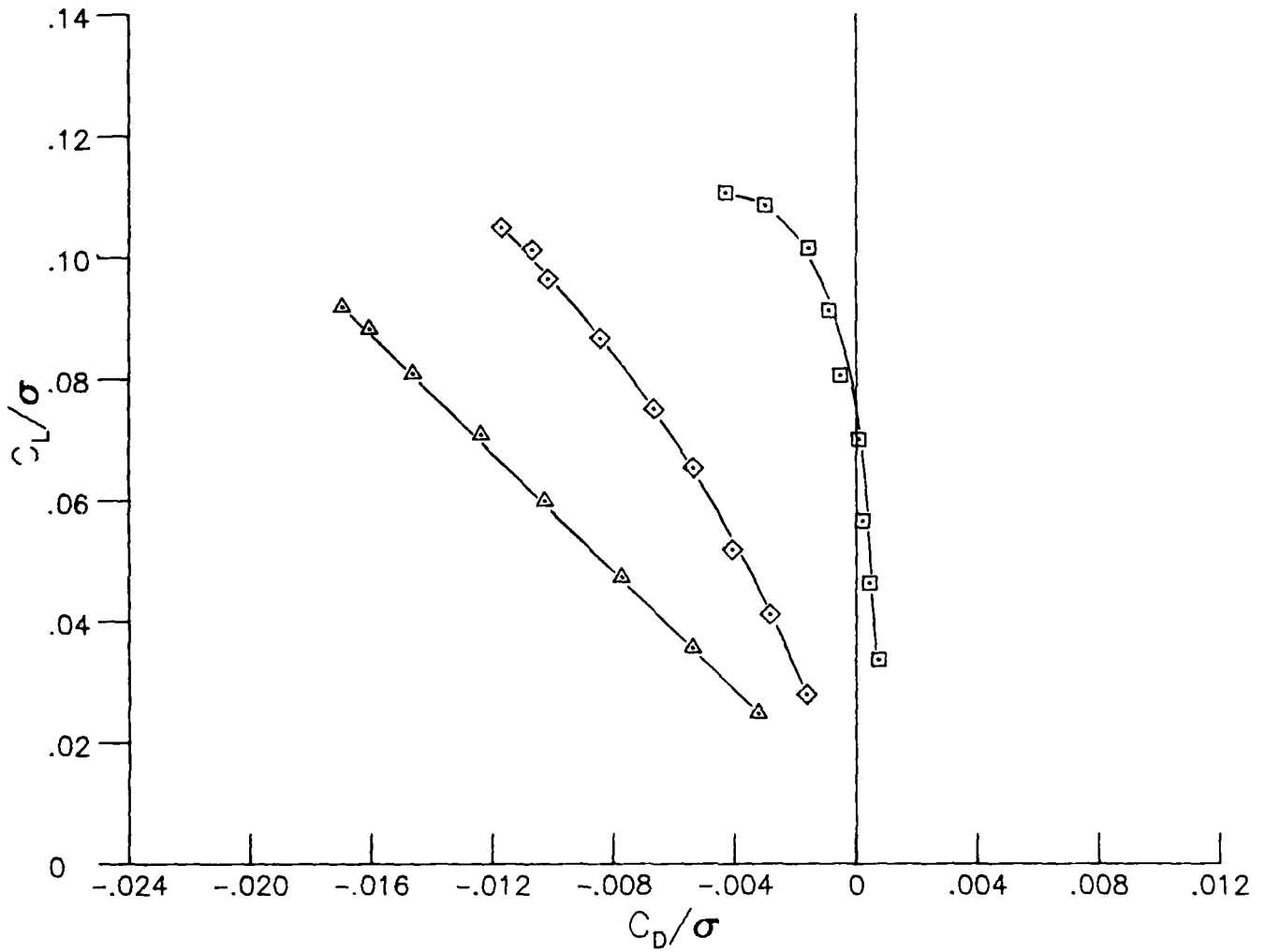
- $\alpha_S = 5^\circ$ (Pts. 7.119-7.128)
- $\alpha_S = 0^\circ$ (Pts. 7.108-7.118)
- ◇ $\alpha_S = -5^\circ$ (Pts. 7.129-7.138)
- △ $\alpha_S = -10^\circ$ (Pts. 7.139-7.145)



(b) C_L/σ versus C_Q/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 11.- Continued.

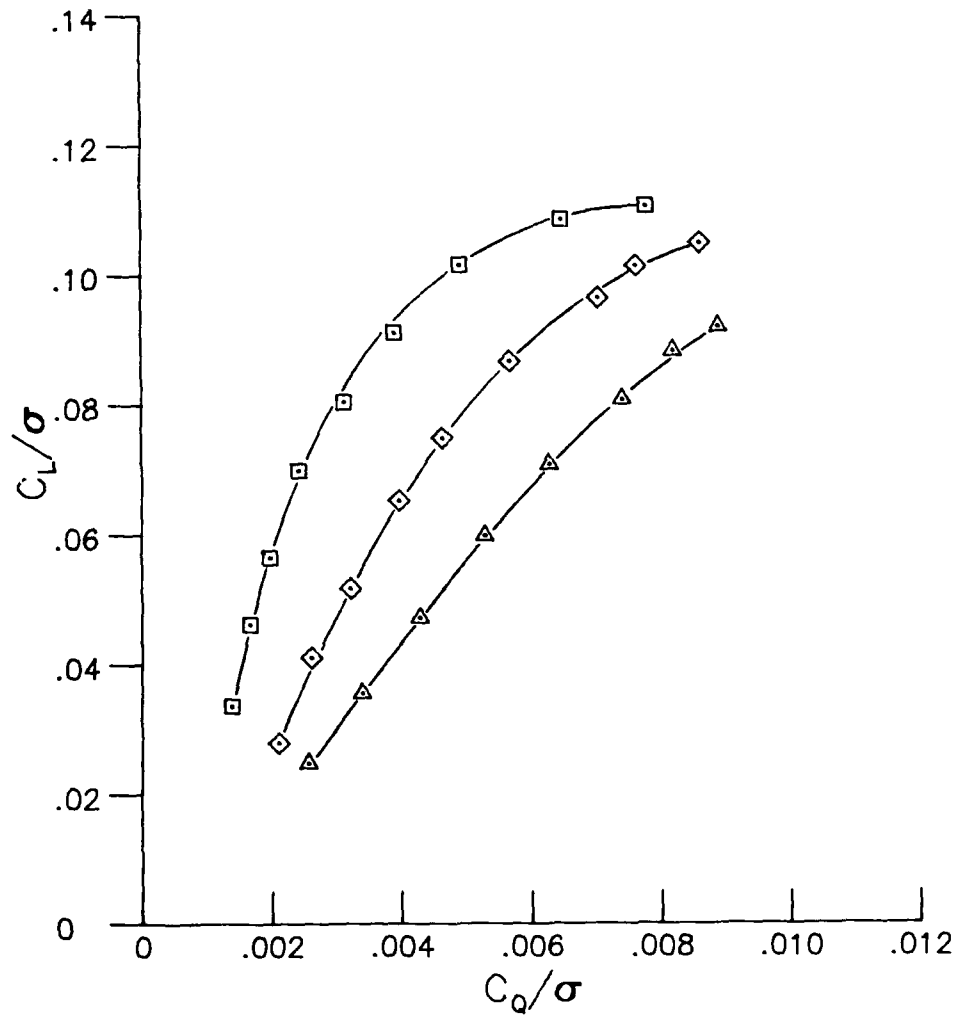
- $\alpha_S = 0^\circ$ (Pts. 8.173-8.177 and 8.179-8.182)
- ◇ $\alpha_S = -5^\circ$ (Pts. 8.164-8.172)
- △ $\alpha_S = -10^\circ$ (Pts. 8.156-8.163)



(c) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.62$.

Figure 11.- Continued.

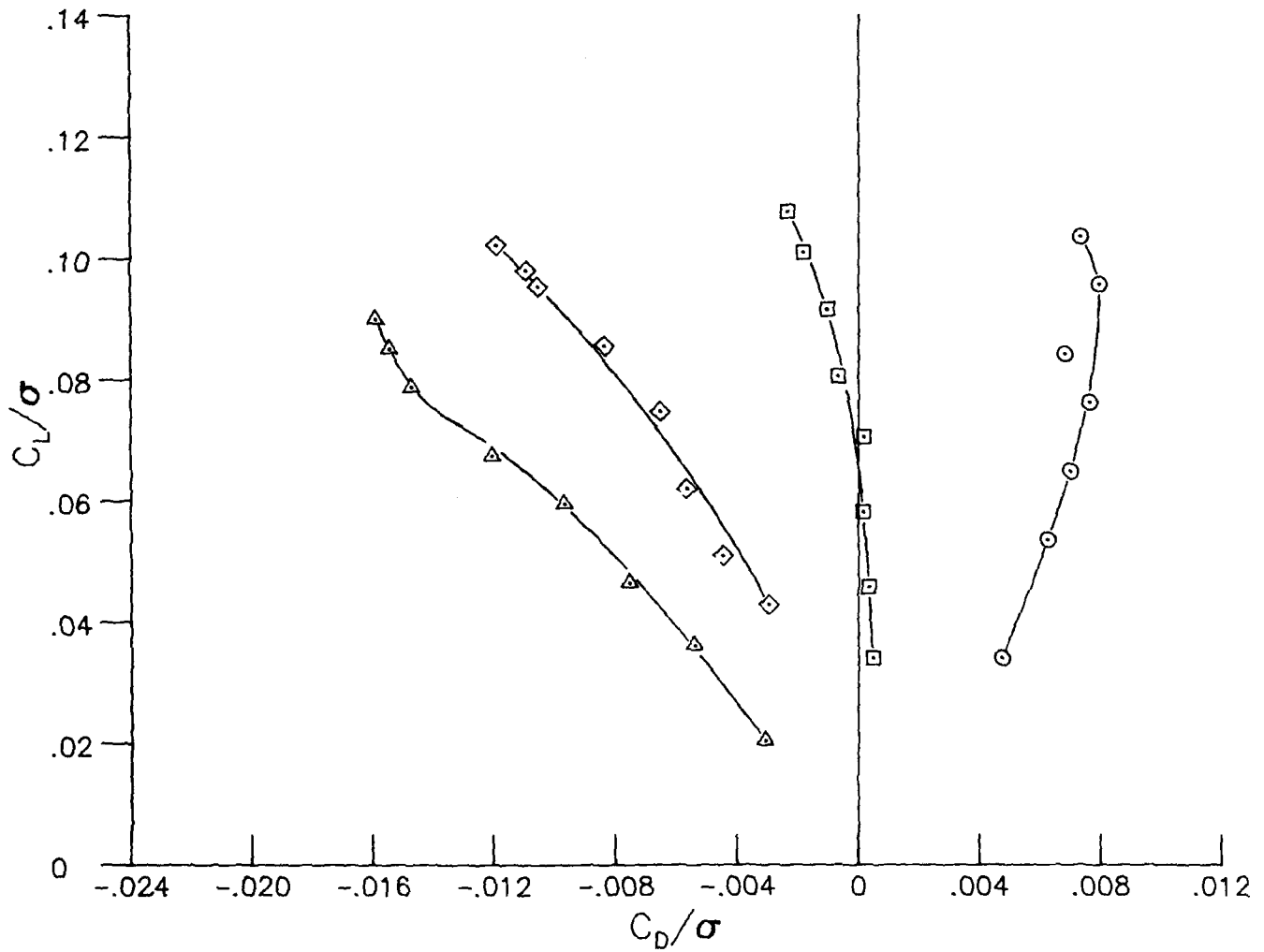
- $\alpha_s = 0^\circ$ (Pts. 8.173-8.177 and 8.179-8.182)
- ◇ $\alpha_s = -5^\circ$ (Pts. 8.164-8.172)
- △ $\alpha_s = -10^\circ$ (Pts. 8.156-8.163)



(d) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.62$.

Figure 11.- Continued.

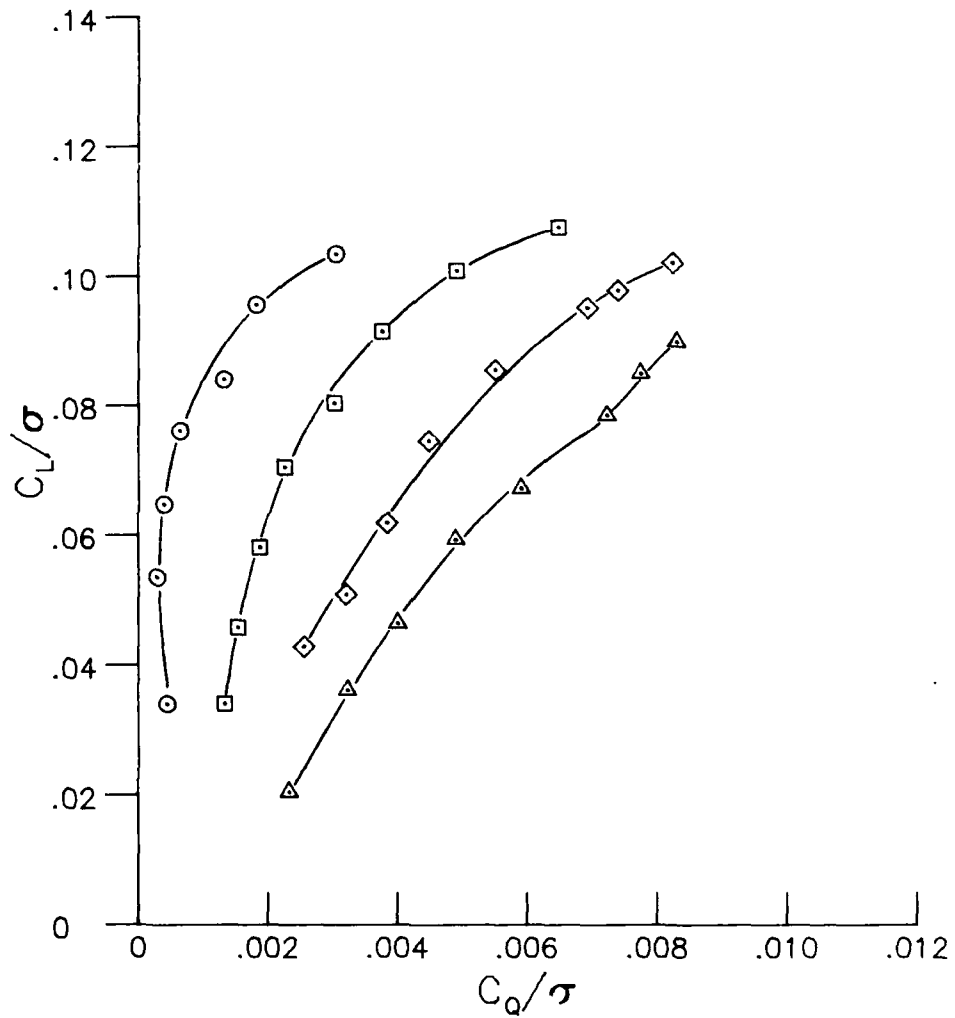
- ⊙ $\alpha_s = 5^\circ$ (Pts. 10.244-10.250)
- $\alpha_s = 0^\circ$ (Pts. 10.236-10.243)
- ◇ $\alpha_s = -5^\circ$ (Pts. 10.213-10.220)
- △ $\alpha_s = -10^\circ$ (Pts. 10.221-10.228)



(e) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 11.- Continued.

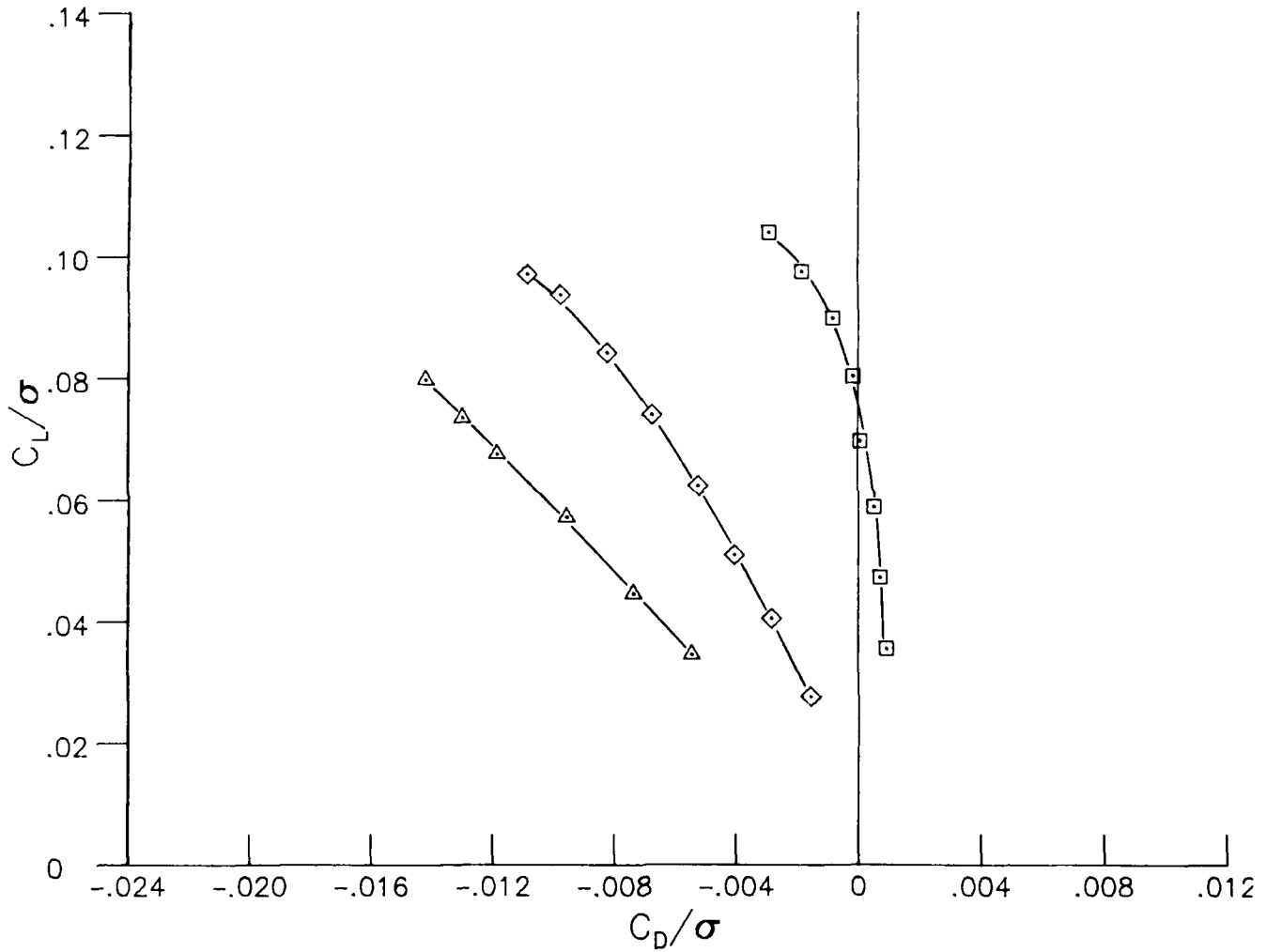
- $\alpha_S = 5^\circ$ (Pts. 10.244-10.250)
- $\alpha_S = 0^\circ$ (Pts. 10.236-10.243)
- ◇ $\alpha_S = -5^\circ$ (Pts. 10.213-10.220)
- △ $\alpha_S = -10^\circ$ (Pts. 10.221-10.228)



(f) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 11.- Continued.

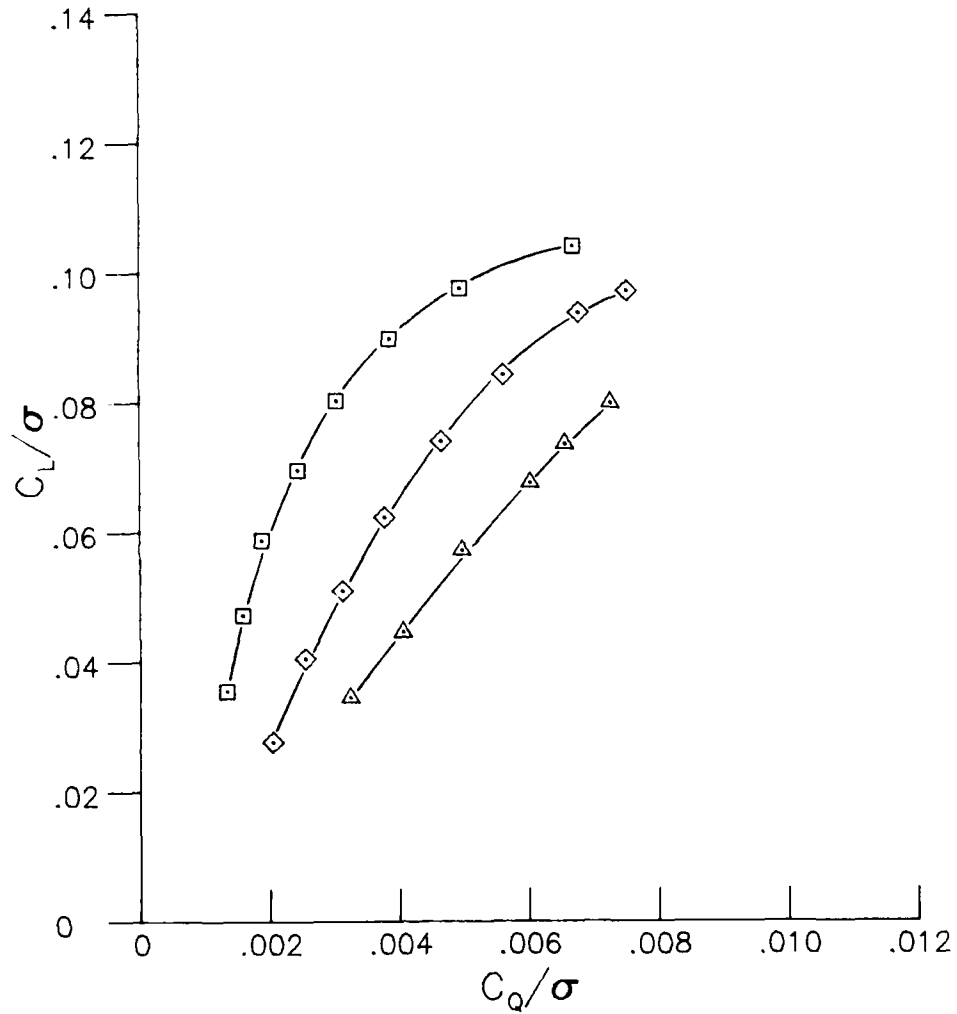
- $\alpha_s = 0^\circ$ (Pts. 11.279-11.286)
- ◇ $\alpha_s = -5^\circ$ (Pts. 11.287-11.294)
- △ $\alpha_s = -10^\circ$ (Pts. 11.295-11.297 and 11.299-11.301)



(g) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.68$.

Figure 11.- Continued.

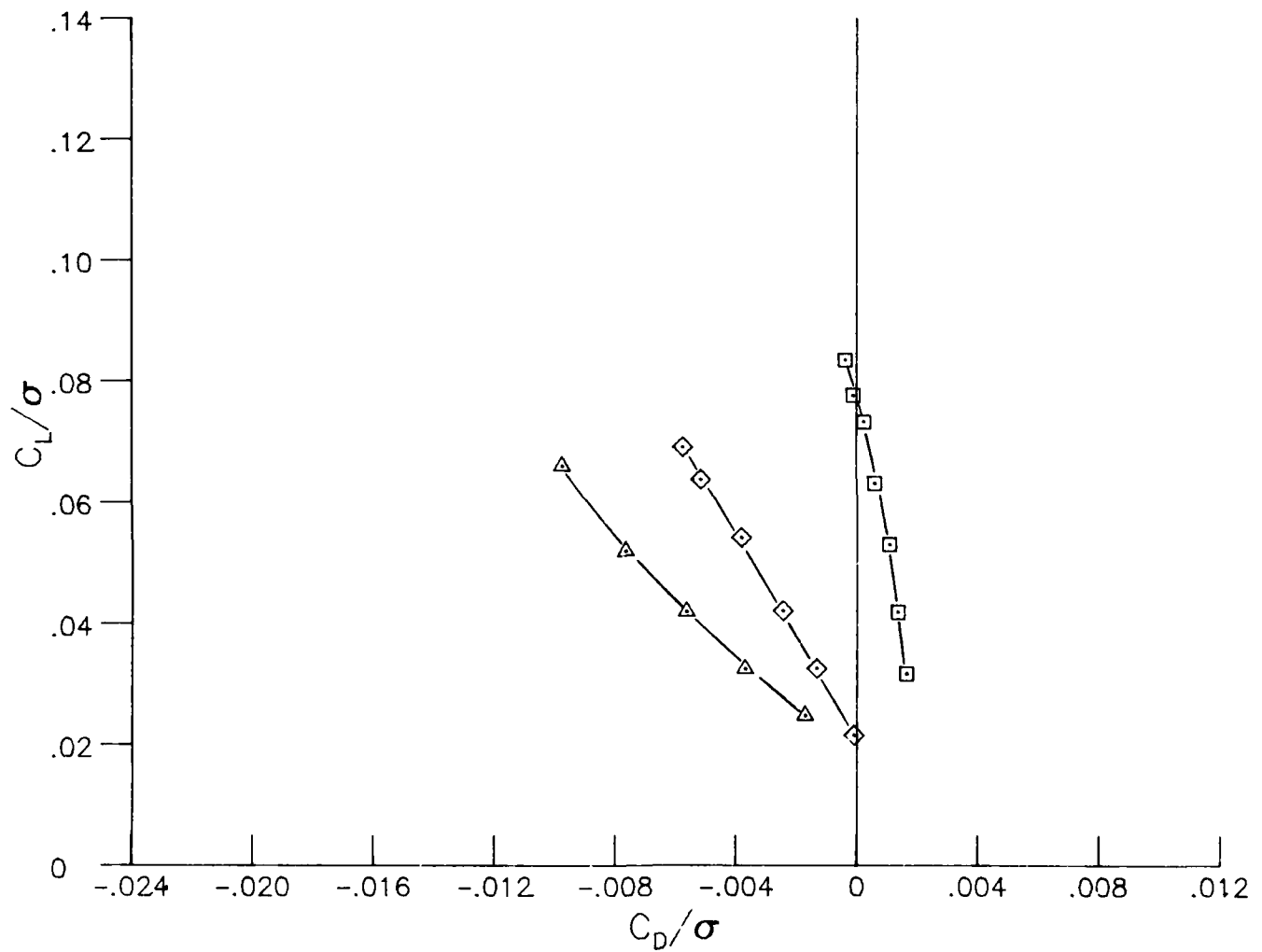
- $\alpha_s = 0^\circ$ (Pts. 11.279-11.286)
- ◇ $\alpha_s = -5^\circ$ (Pts. 11.287-11.294)
- △ $\alpha_s = -10^\circ$ (Pts. 11.295-11.297 and 11.299-11.301)



(h) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.68$.

Figure 11.- Continued.

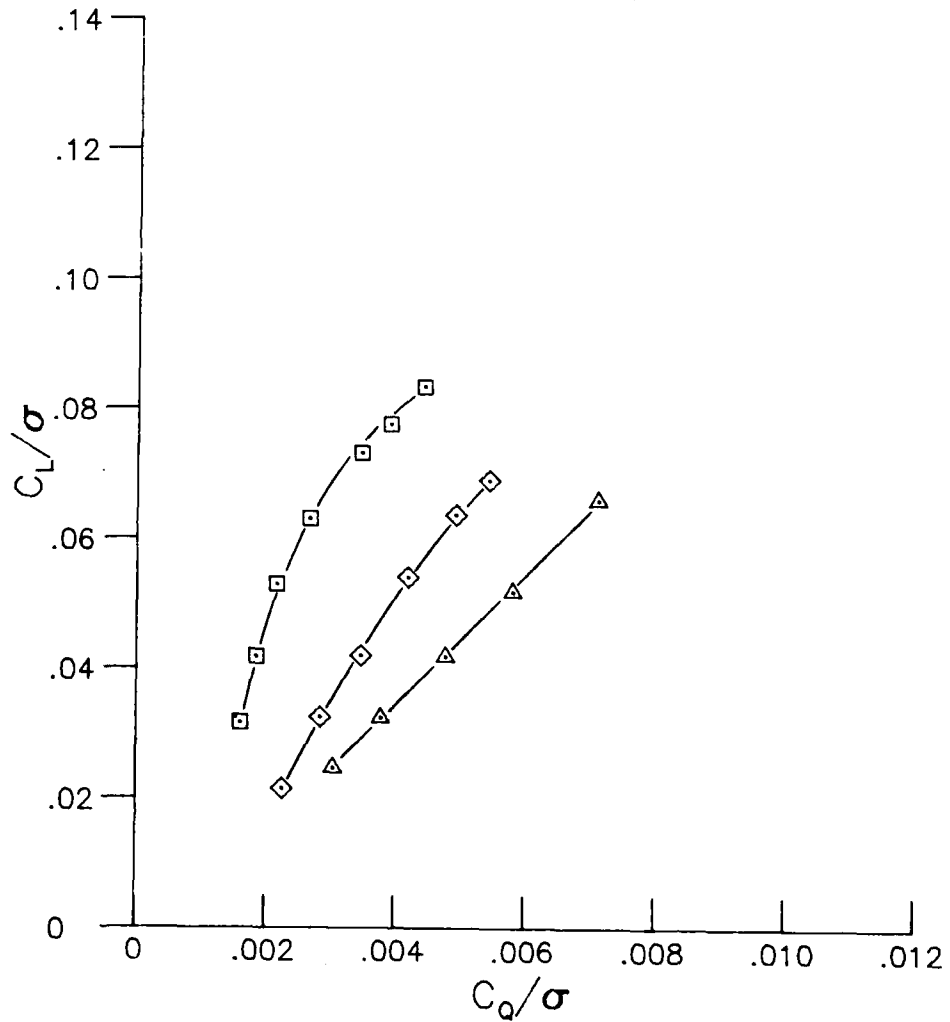
- $\alpha_S = 0^\circ$ (Pts. 12.310-12.316)
- ◇ $\alpha_S = -5^\circ$ (Pts. 12.318-12.323)
- △ $\alpha_S = -10^\circ$ (Pts. 12.302-12.306)



(i) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 11.- Continued.

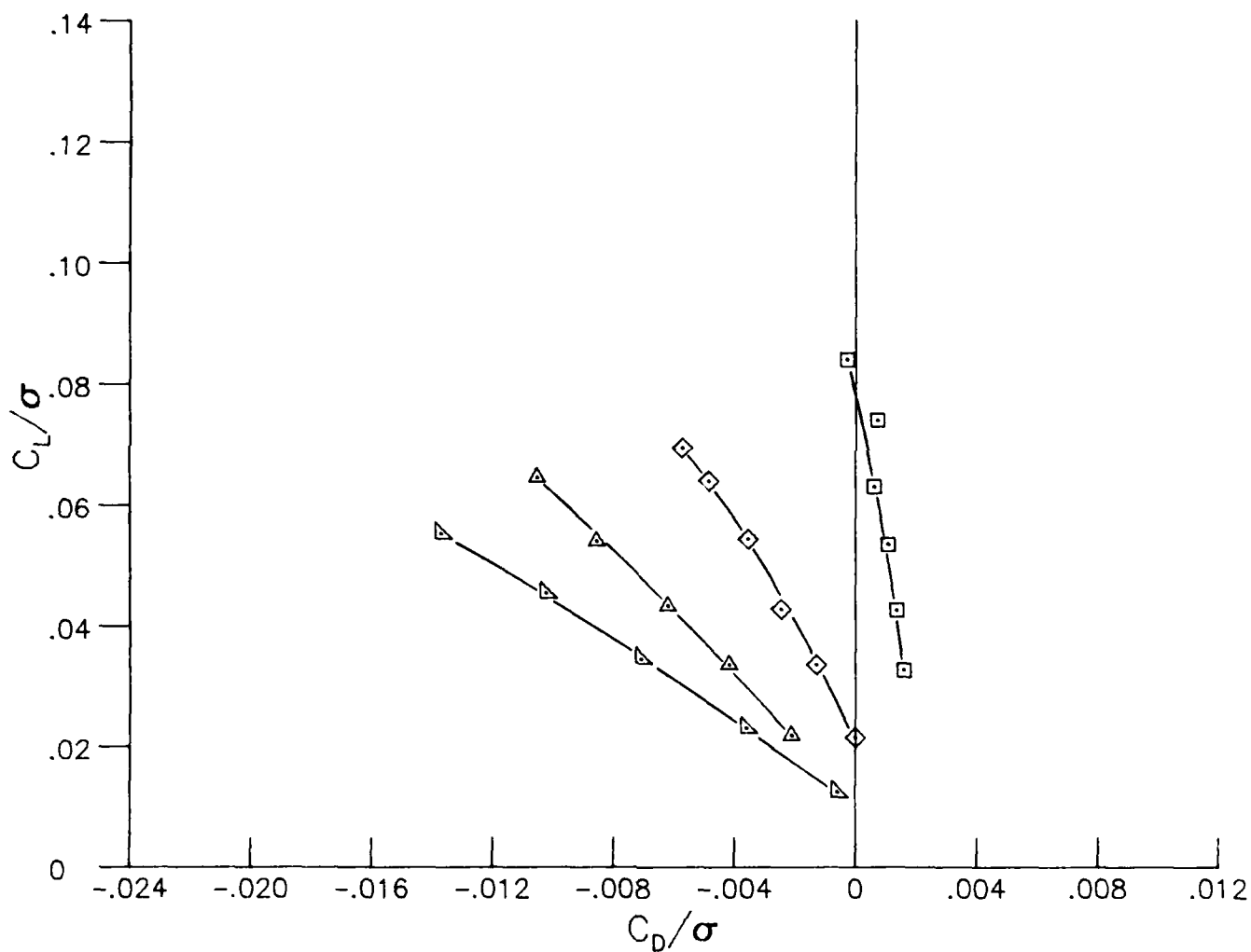
- $\alpha_s = 0^\circ$ (Pts. 12.310-12.316)
- ◇ $\alpha_s = -5^\circ$ (Pts. 12.308-12.323)
- △ $\alpha_s = -10^\circ$ (Pts. 12.302-12.306)



(j) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 11.- Continued.

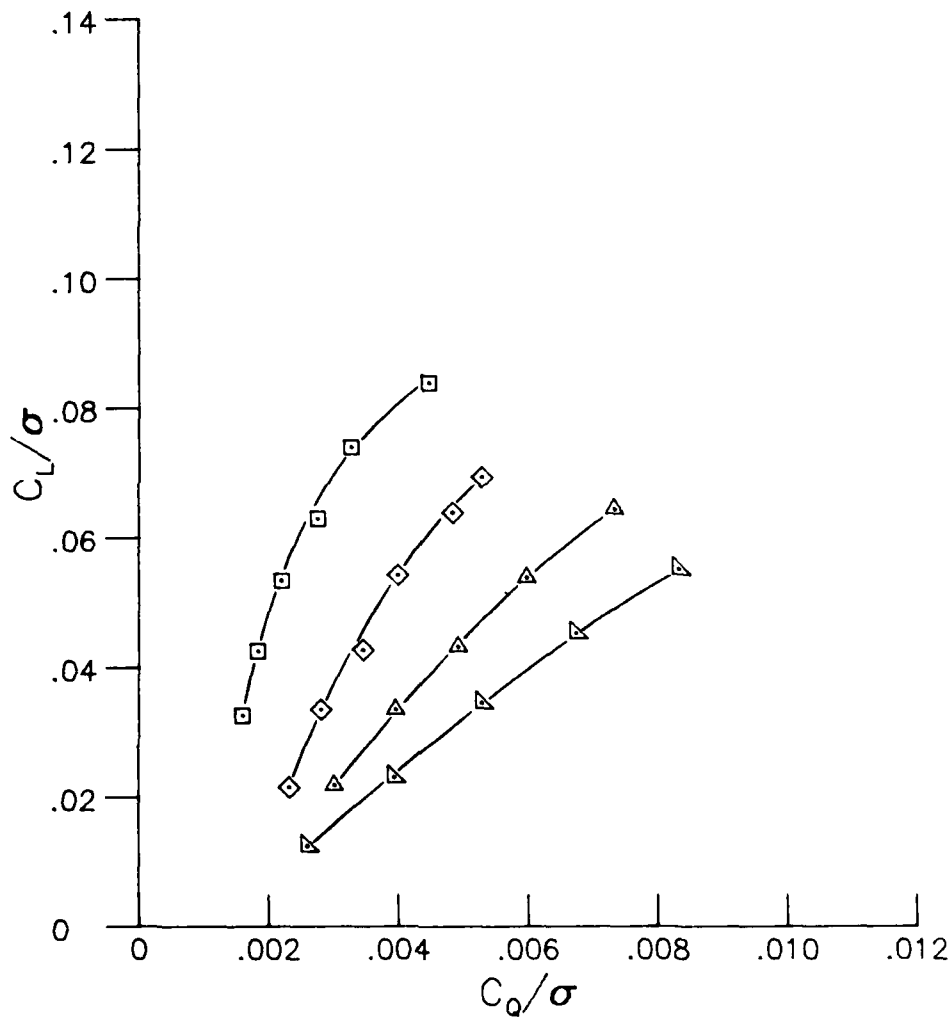
- $\alpha_s = 0^\circ$ (Pts. 14.324-14.329)
- ◇ $\alpha_s = -5^\circ$ (Pts. 14.330-14.332 and 14.334-14.336)
- △ $\alpha_s = -10^\circ$ (Pts. 14.371-14.375)
- ▽ $\alpha_s = -15^\circ$ (Pts. 14.376-14.380)



(k) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 11.- Continued.

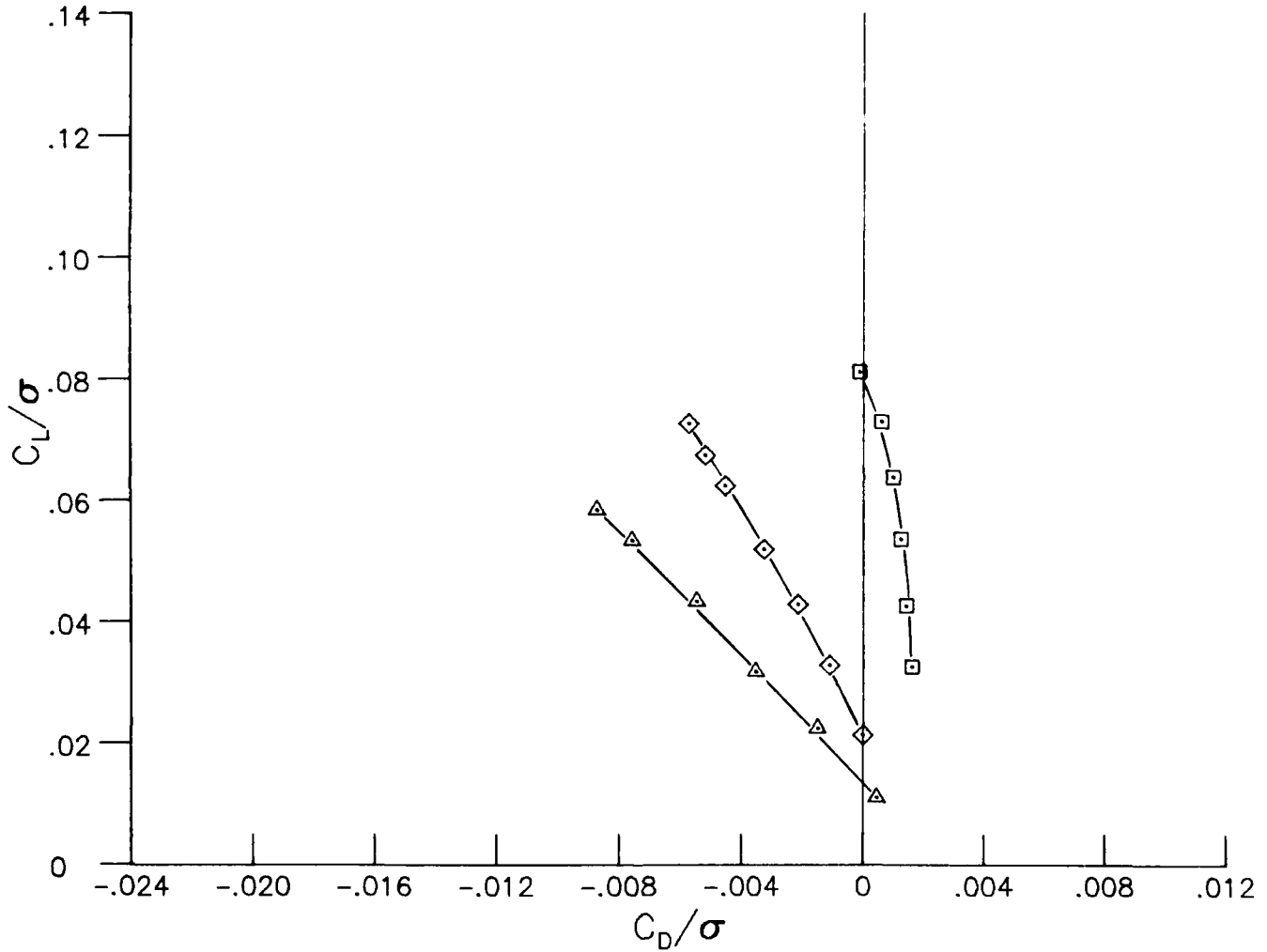
- $\alpha_s = 0^\circ$ (Pts. 14.324-14.329)
- ◇ $\alpha_s = -5^\circ$ (Pts. 14.330-14.332 and 14.334-14.336)
- △ $\alpha_s = -10^\circ$ (Pts. 14.371-14.375)
- ▴ $\alpha_s = -15^\circ$ (Pts. 14.376-14.380)



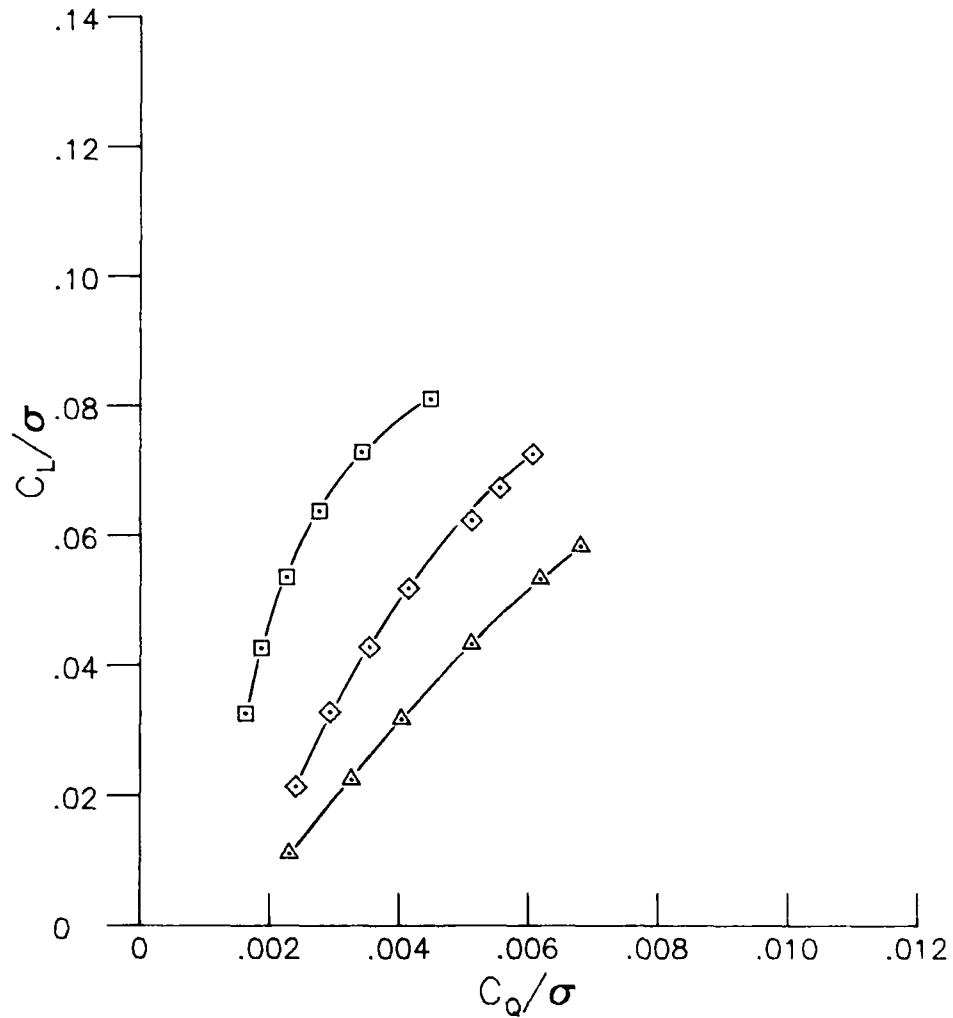
(1) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 11.- Continued.

- $\alpha_s = 0^\circ$ (Pts. 15.385-15.390)
- ◇ $\alpha_s = -5^\circ$ (Pts. 15.391-15.397)
- △ $\alpha_s = -10^\circ$ (Pts. 15.398-15.403)



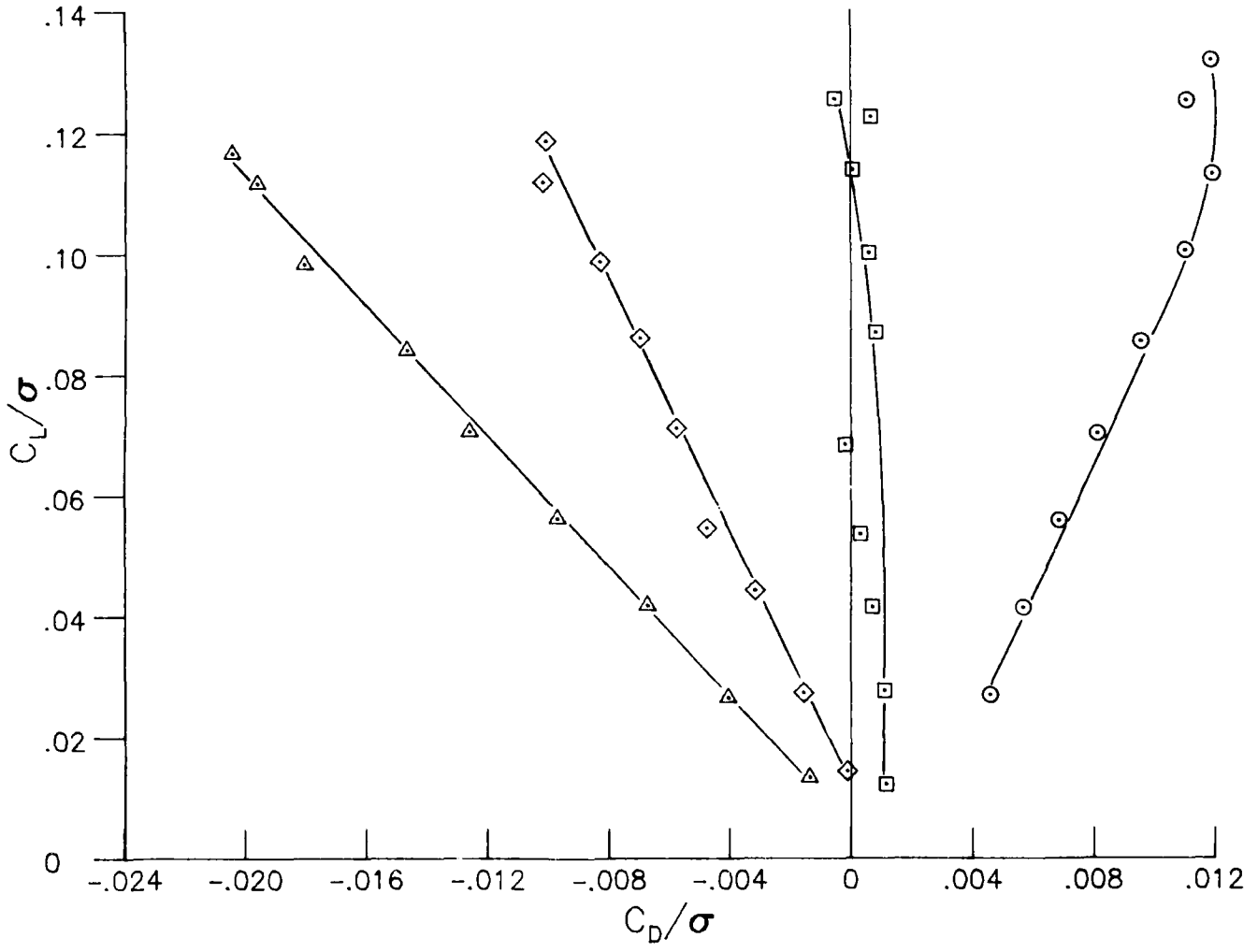
- $\alpha_s = 0^\circ$ (Pts. 15.385-15.390)
- ◇ $\alpha_s = -5^\circ$ (Pts. 15.391-15.397)
- △ $\alpha_s = -10^\circ$ (Pts. 15.398-15.403)



(n) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.68$.

Figure 11.- Concluded.

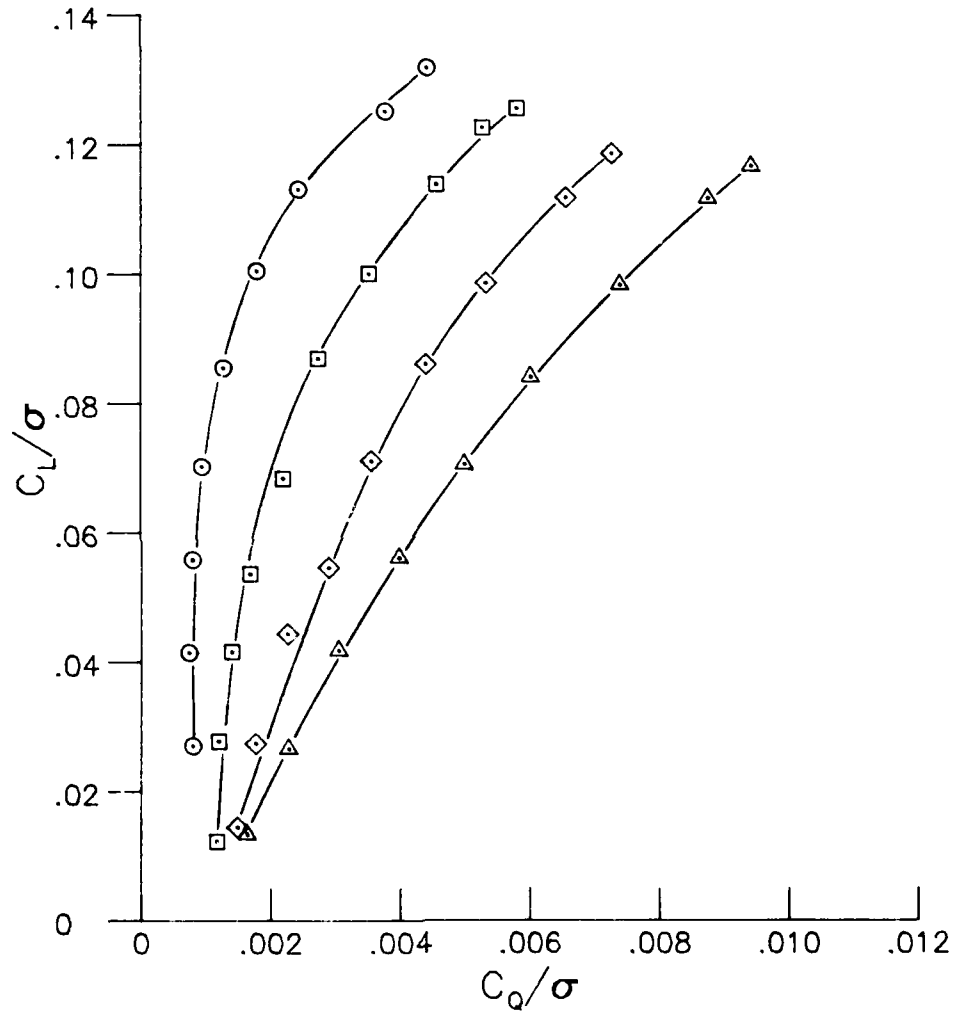
- $\alpha_s = 5^\circ$ (Pts. 16.450-16.458)
- $\alpha_s = 0^\circ$ (Pts. 16.440-16.449)
- ◇ $\alpha_s = -5^\circ$ (Pts. 16.459-16.467)
- △ $\alpha_s = -10^\circ$ (Pts. 16.468-16.476)



(a) C_L/σ versus C_D/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 12.- Rotor performance data for baseline blade with swept tip and 0° tabs.

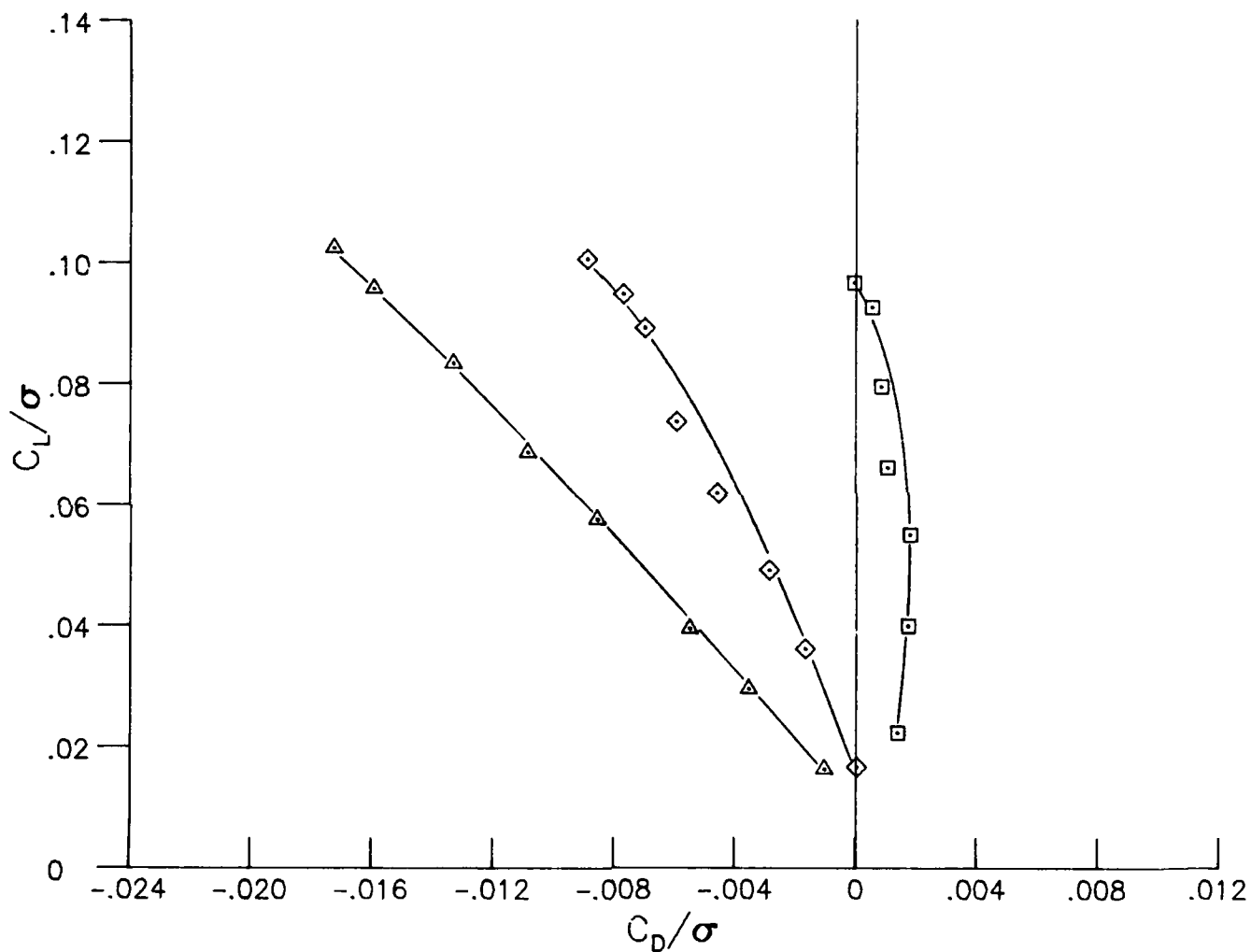
- $\alpha_s = 5^\circ$ (Pts. 16.450-16.458)
- $\alpha_s = 0^\circ$ (Pts. 16.440-16.449)
- ◇ $\alpha_s = -5^\circ$ (Pts. 16.459-16.467)
- △ $\alpha_s = -10^\circ$ (Pts. 16.468-16.476)



(b) C_L/σ versus C_Q/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 12.- Continued.

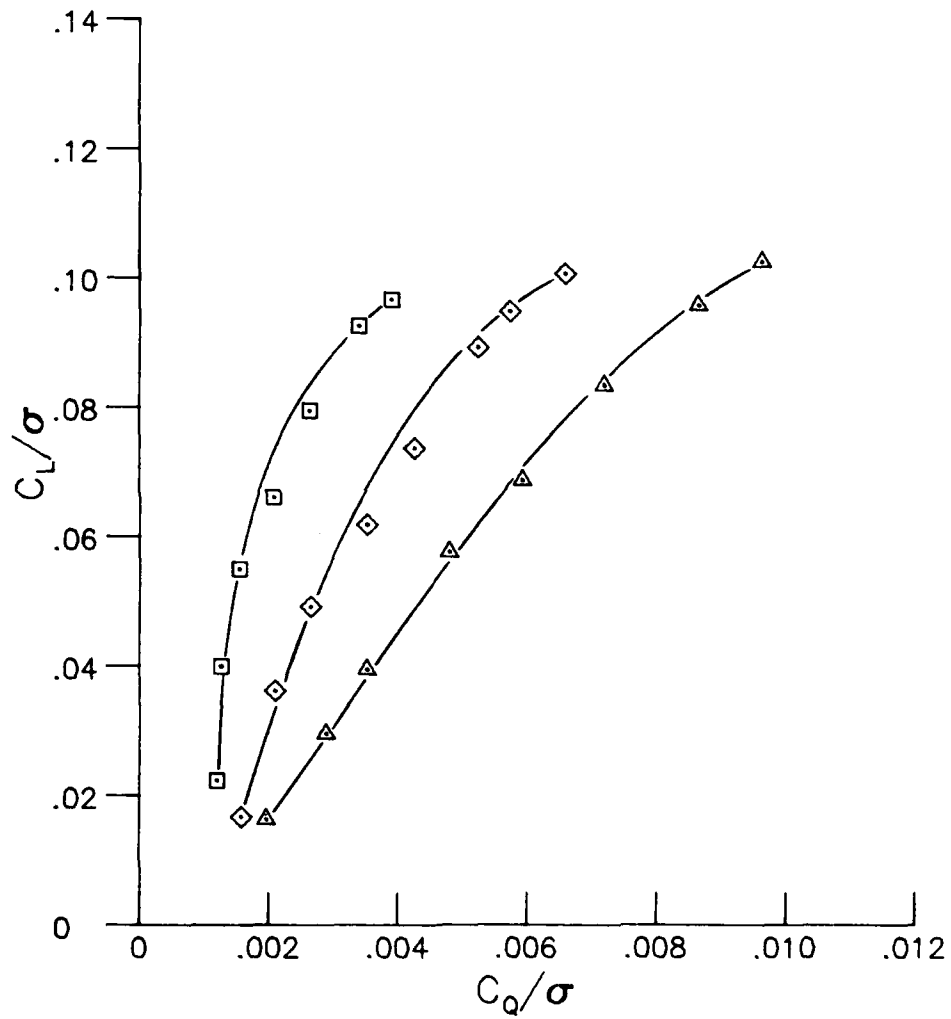
- $\alpha_S = 0^\circ$ (Pts. 16.493-16.499)
- ◇ $\alpha_S = -5^\circ$ (Pts. 16.485-16.492)
- △ $\alpha_S = -10^\circ$ (Pts. 16.477-16.484)



(c) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.62$.

Figure 12.- Continued.

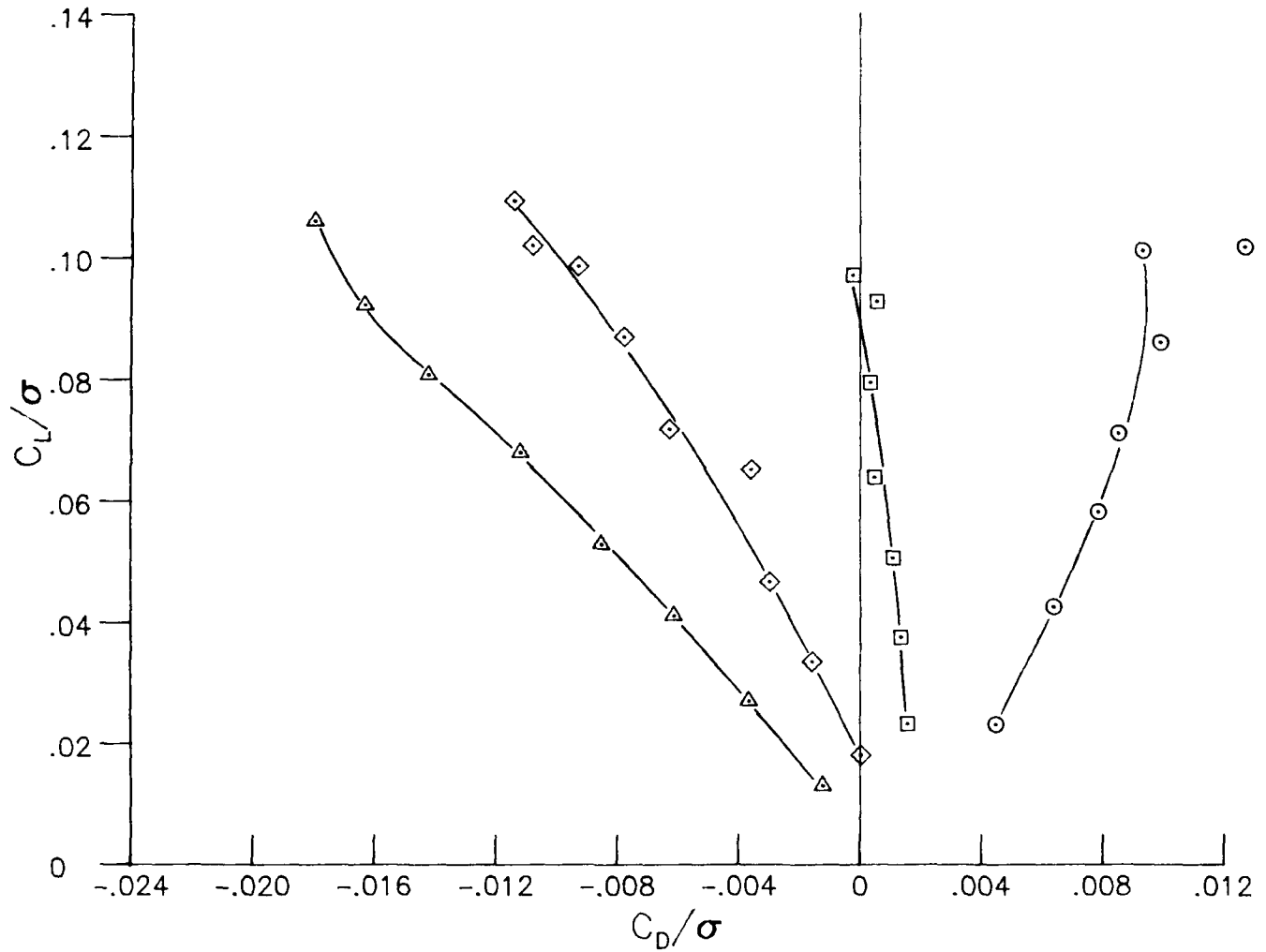
- $\alpha_s = 0^\circ$ (Pts. 16.493-16.499)
- ◇ $\alpha_s = -5^\circ$ (Pts. 16.485-16.492)
- △ $\alpha_s = -10^\circ$ (Pts. 16.477-16.484)



(d) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.62$.

Figure 12.- Continued.

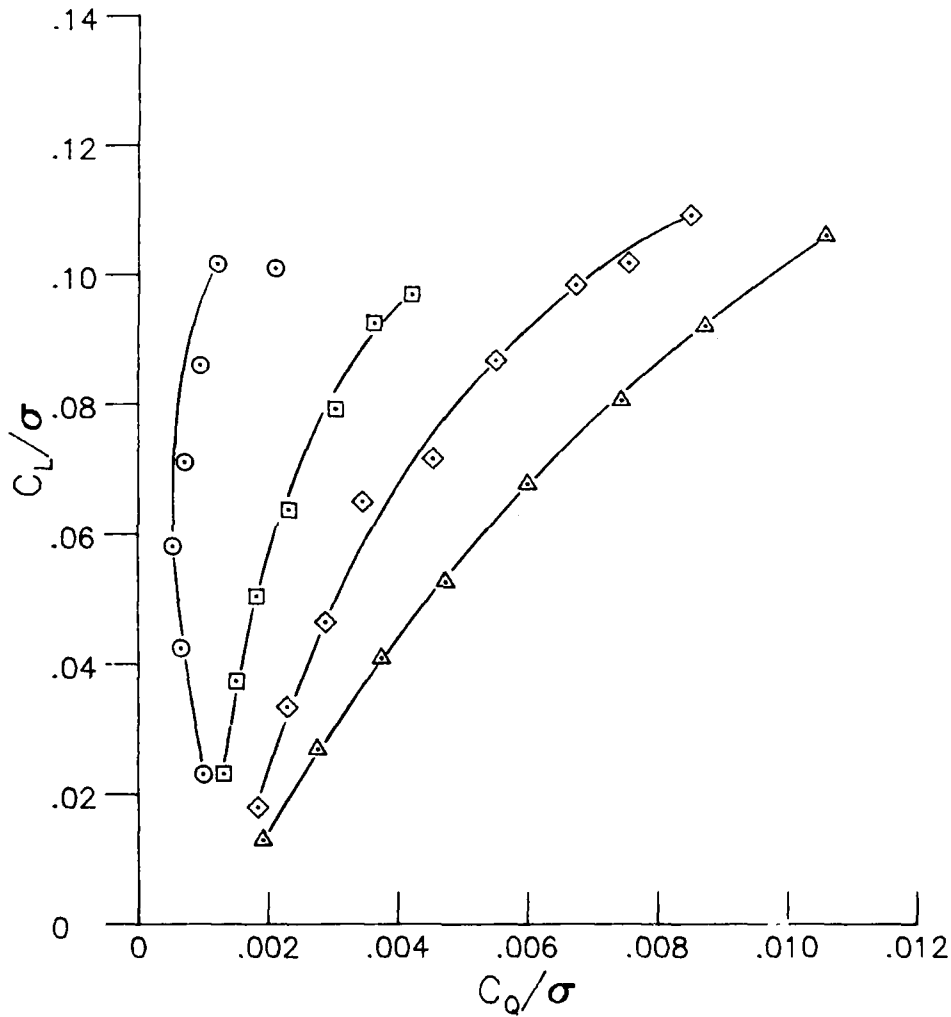
- $\alpha_s = 5^\circ$ (Pts. 18.526-18.532)
- $\alpha_s = 0^\circ$ (Pts. 18.519-18.525)
- ◇ $\alpha_s = -5^\circ$ (Pts. 18.533-18.541)
- △ $\alpha_s = -10^\circ$ (Pts. 18.570-18.577)



(e) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 12.- Continued.

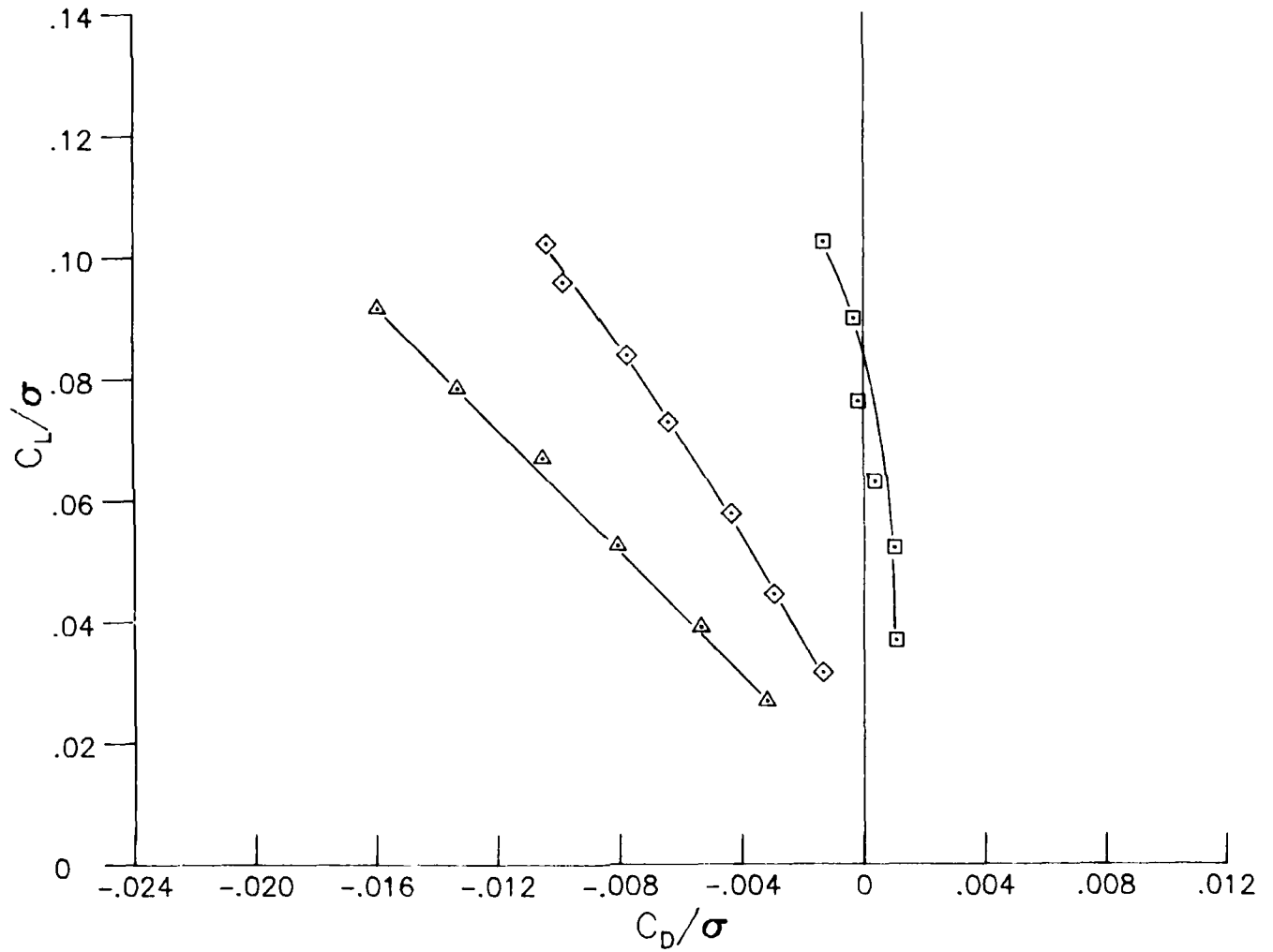
- $\alpha_s = 5^\circ$ (Pts. 18.526-18.532)
- $\alpha_s = 0^\circ$ (Pts. 18.519-18.525)
- ◇ $\alpha_s = -5^\circ$ (Pts. 18.533-18.541)
- △ $\alpha_s = -10^\circ$ (Pts. 18.570-18.577)



(f) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 12.- Continued.

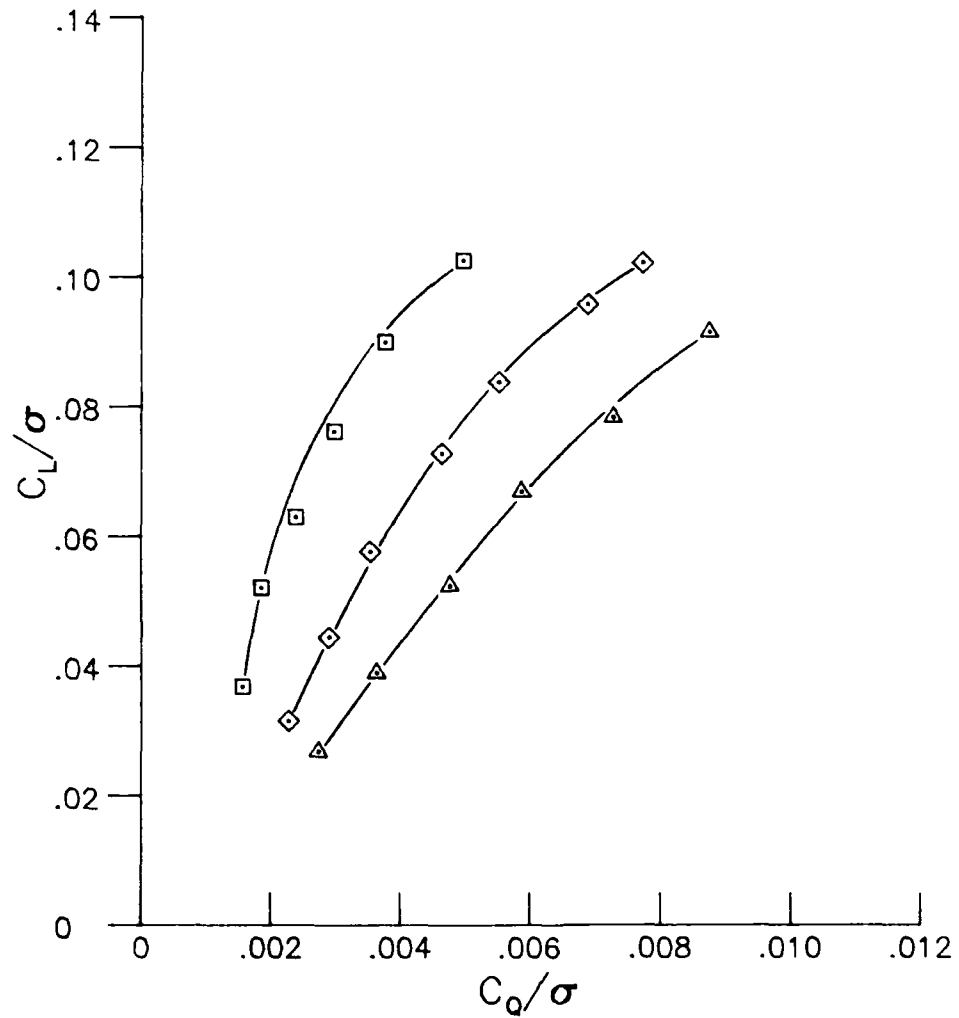
- $\alpha_s = 0^\circ$ (Pts. 18,591-18,596)
- ◇ $\alpha_s = -5^\circ$ (Pts. 18,584-18,590)
- △ $\alpha_s = -10^\circ$ (Pts. 18,578-18,583)



(g) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.68$.

Figure 12.- Continued.

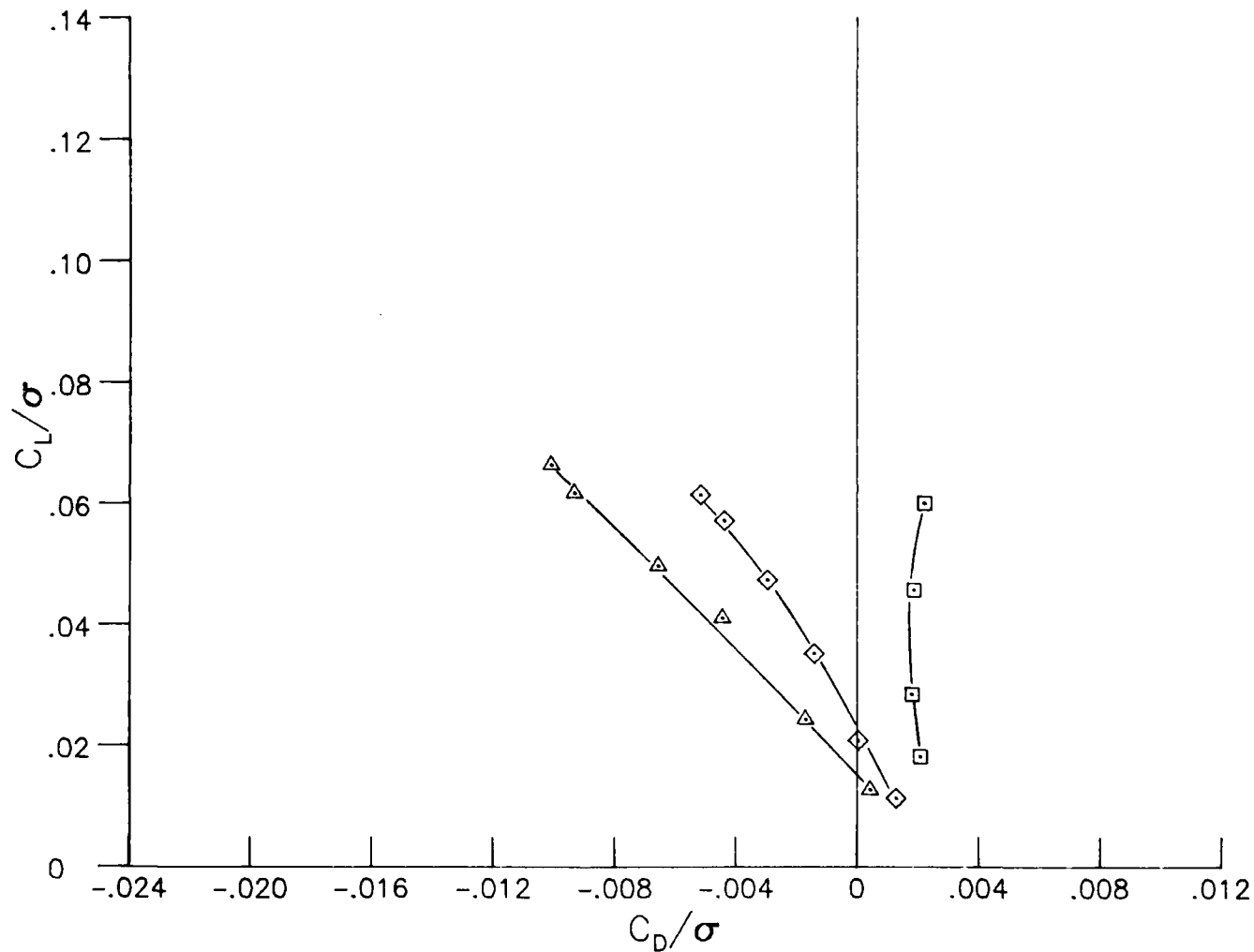
- $\alpha_S = 0^\circ$ (Pts. 18.591-18.596)
- ◇ $\alpha_S = -5^\circ$ (Pts. 18.584-18.590)
- △ $\alpha_S = -10^\circ$ (Pts. 18.578-18.583)



(h) C_L/σ versus C_Q/σ for $\mu = 0.30$ and $M_T = 0.68$.

Figure 12.- Continued.

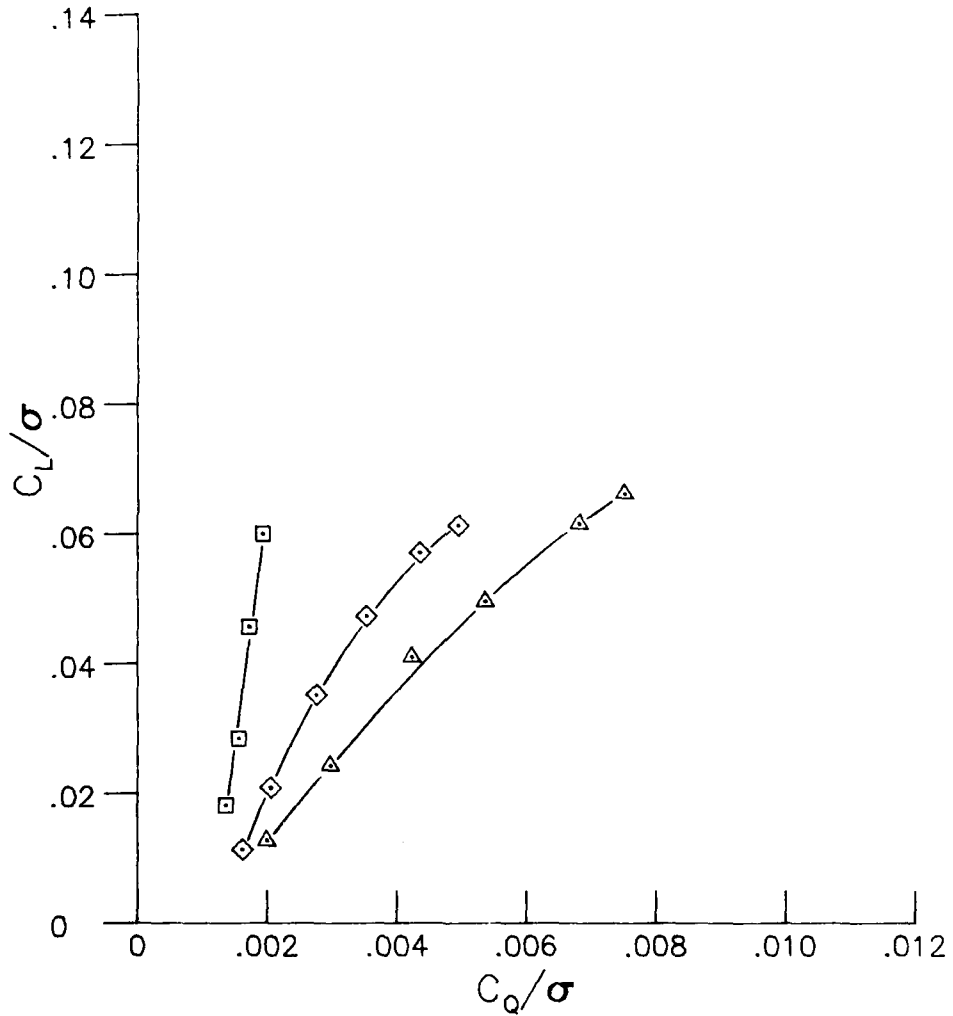
- $\alpha_s = 0^\circ$ (Pts. 18.597-18.598 and 18.600-18.601)
- ◇ $\alpha_s = -5^\circ$ (Pts. 18.602-18.607)
- △ $\alpha_s = -10^\circ$ (Pts. 18.608-18.613)



(i) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 12.- Continued.

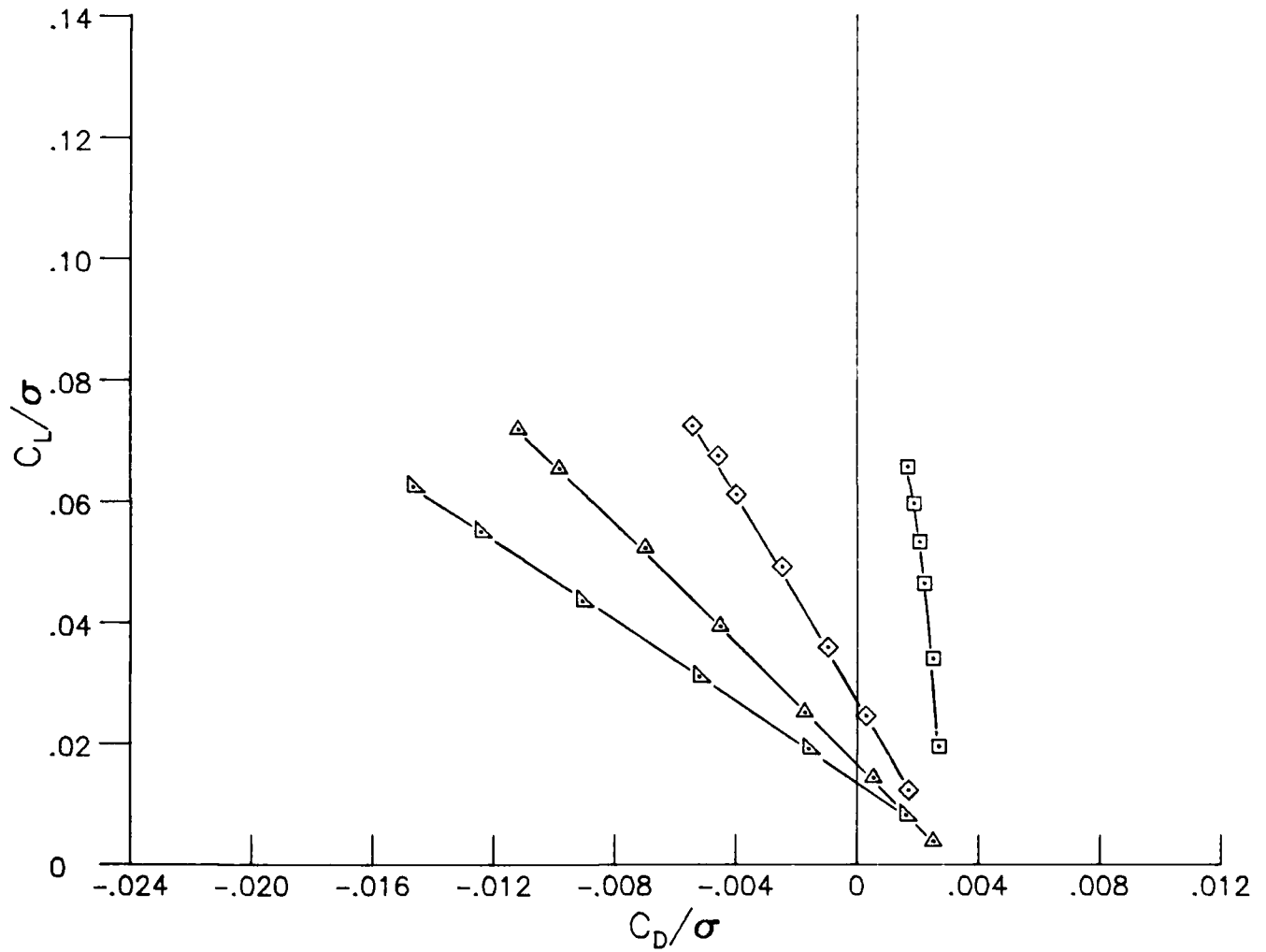
- $\alpha_s = 0^\circ$ (Pts. 18.597-18.598 and 18.600-18.601)
- ◇ $\alpha_s = -5^\circ$ (Pts. 18.602-18.607)
- △ $\alpha_s = -10^\circ$ (Pts. 18.608-18.613)



(j) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 12.- Continued.

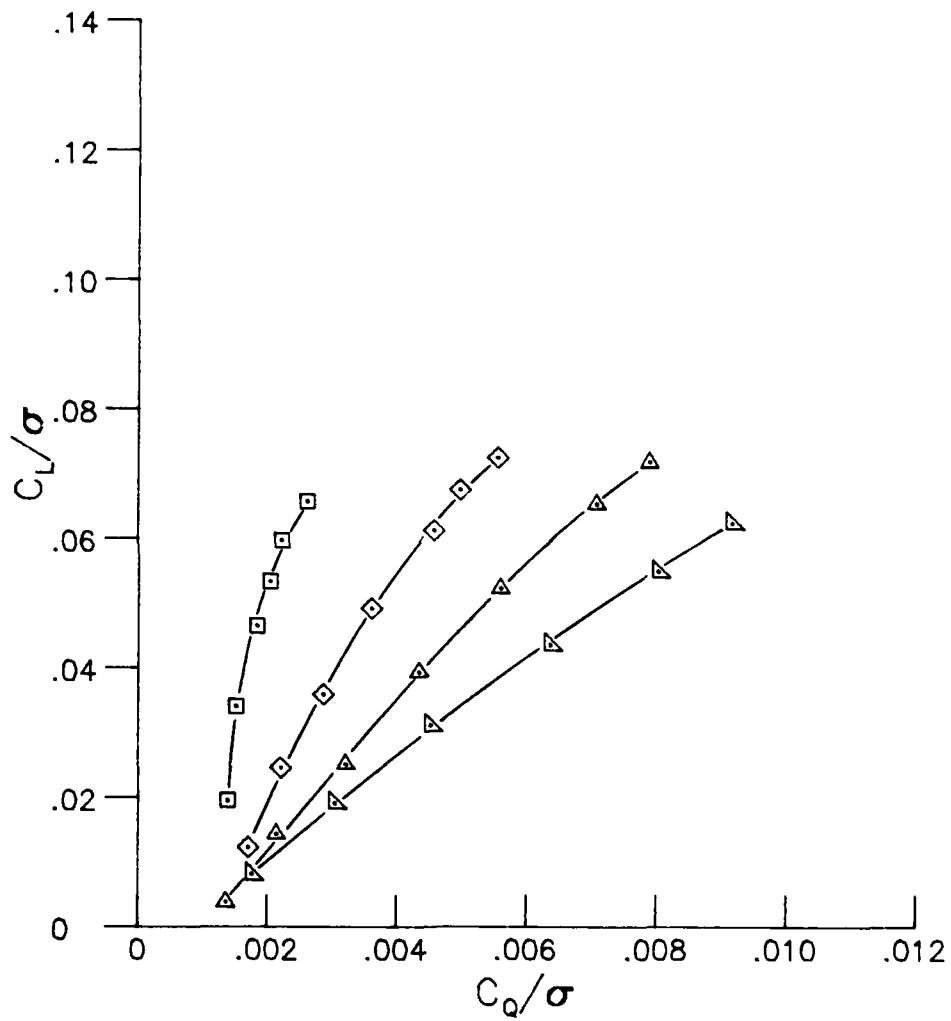
- $\alpha_S = 0^\circ$ (Pts. 20.653-20.658)
- ◇ $\alpha_S = -5^\circ$ (Pts. 20.659-20.665)
- △ $\alpha_S = -10^\circ$ (Pts. 20.666-20.672)
- ▽ $\alpha_S = -15^\circ$ (Pts. 20.673-20.678)



(k) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 12.- Continued.

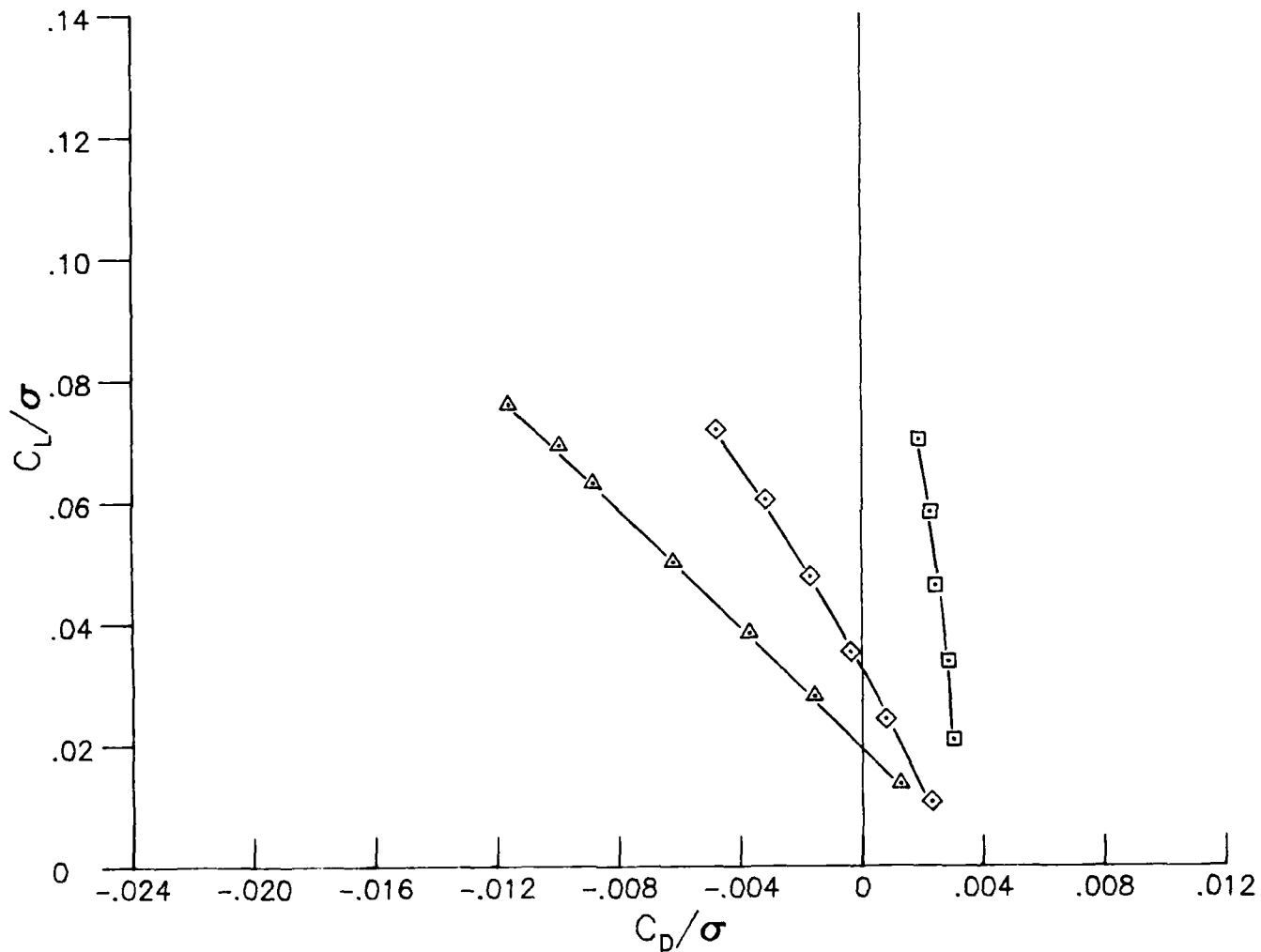
- $\alpha_s = 0^\circ$ (Pts. 20.653-20.658)
- ◇ $\alpha_s = -5^\circ$ (Pts. 20.659-20.665)
- △ $\alpha_s = -10^\circ$ (Pts. 20.666-20.672)
- ▽ $\alpha_s = -15^\circ$ (Pts. 20.673-20.678)



(1) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 12.- Continued.

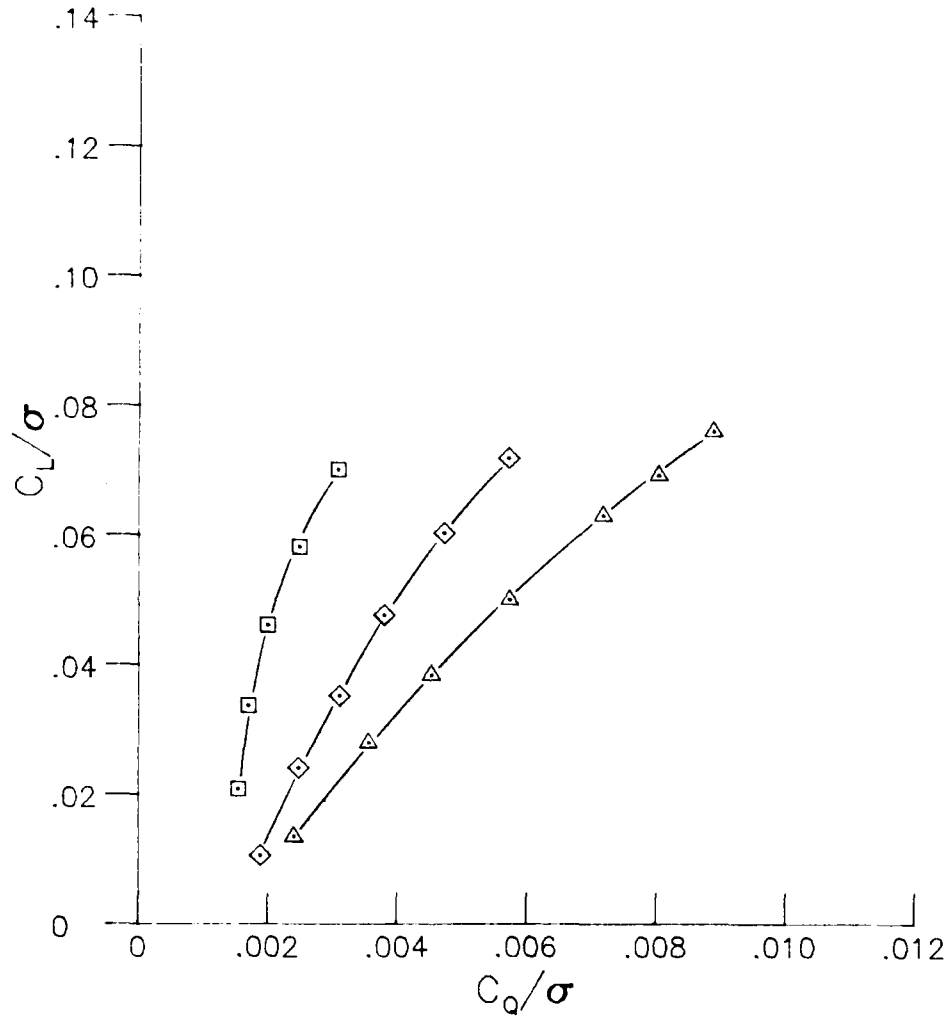
- $\alpha_s = 0^\circ$ (Pts. 21.693-21.697)
- ◇ $\alpha_s = -5^\circ$ (Pts. 21.698-21.703)
- △ $\alpha_s = -10^\circ$ (Pts. 21.704-21.710)



(m) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.68$.

Figure 12.- Continued.

- $\alpha_s = 0^\circ$ (Pts. 21.693-21.697)
- ◇ $\alpha_s = -5^\circ$ (Pts. 21.698-21.703)
- △ $\alpha_s = -10^\circ$ (Pts. 21.704-21.710)



(n) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.68$.

Figure 12.- Concluded.

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16. Abstract An investigation was conducted in the Langley Transonic Dynamics Tunnel to evaluate a passive means of tailoring helicopter rotor blades to improve performance and reduce loads. The parameters investigated were blade torsional stiffness, blade section camber, and distance between blade structural elastic axis and blade-tip aerodynamic center. This offset was accomplished by sweeping the tip. The tests were conducted at advance ratios of 0.20, 0.30, and 0.40. Data are presented without analysis.					
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