

AD-A061 079

BOEING VERTOL CO PHILADELPHIA PA
INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONF--ETC(U)
SEP 78 P F SHERIDAN

F/G 1/3

DAAJ02-77-C-0020

UNCLASSIFIED

USARTL-TR-78-23B-V2-D

NL

1 OF 2
ADA
081079

REF



AD A061079

DDC FILE COPY

(12) LEVEL II

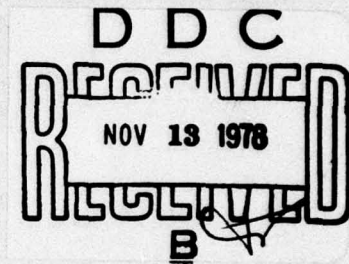
USARTL-TR-78-23B



**INTERACTIONAL AERODYNAMICS OF THE SINGLE
ROTOR HELICOPTER CONFIGURATION**

**VOLUME II-D - Harmonic Analyses of Airframe Surface Pressure
Data, Runs 15-22, Forward Section**

Philip F. Sheridan
Boeing Vertol Company
P.O. Box 16858
Philadelphia, Pa. 19142



September 1978

Final Report for Period March 1977 - February 1978

Approved for public release;
distribution unlimited.

Prepared for
APPLIED TECHNOLOGY LABORATORY
U. S. ARMY RESEARCH AND TECHNOLOGY LABORATORIES (AVRADCOM)
Fort Eustis, Va. 23604

78 10 30 058

APPLIED TECHNOLOGY LABORATORY POSITION STATEMENT

In 1975 a wind tunnel test program was conducted in the Boeing-Vertol 20-foot V/STOL Wind Tunnel on a 1/5th-scale UTTAS model to investigate and find solutions for several aerodynamic problems encountered during the UTTAS flight-testing. Specifically, these tests focused upon (a) the structure of the hub/rotor wake in the vicinity of the empennage, (b) the formulation of the ground vortex and its relation to hub loads and fuselage loads during transition, and (c) the occurrence of vibratory air pressures from the blade passing over the fuselage. Only portions of the above-mentioned wind tunnel test data were reduced and analyzed in addressing the flight-test problems of the UTTAS aircraft.

Under Contract DAAJ02-77-C-0020, Boeing-Vertol completed analyses on the data to understand more completely the aerodynamic interactions that are involved and to formulate instructions for the guidance of designers in these respects. The results of these studies are applicable to all existing and future single-rotor/tail rotor helicopters. The data have been segregated according to aerodynamic interactions and associated phenomena/problem areas. From this body of knowledge, a generalized set of design guidelines meaningful to the single-rotor helicopter design concept formulation were developed and are included in these reports.

Mr. Robert P. Smith of the Aeronautical Technology Division, Aeromechanics Technical Area, served as project engineer for this effort.

DISCLAIMERS

The findings in this report are not to be construed as an official Department of the Army position unless so designated by other authorized documents.

When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission, to manufacture, use, or sell any patented invention that may in any way be related thereto.

Trade names cited in this report do not constitute an official endorsement or approval of the use of such commercial hardware or software.

DISPOSITION INSTRUCTIONS

Destroy this report when no longer needed. Do not return it to the originator.

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19 REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM	
1. REPORT NUMBER (18) USARTL TR-78-23B-V2-D	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER (9)	
4. TITLE (and Subtitle) INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONFIGURATION. Volume II Harmonic Analyses of Airframe Surface Pressure Data, Runs 15-22, Forward Section.		5. TYPE OF REPORT & PERIOD COVERED FINAL REPORT 15 Mar 77-13 Feb 78	
7. AUTHOR(s) (10) Philip F./Sheridan		8. CONTRACT OR GRANT NUMBER(s) (15) DAAJ02-77-C-0020	
9. PERFORMING ORGANIZATION NAME AND ADDRESS Boeing Vertol Company P.O. Box 16858 Philadelphia, Pa. 19142		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS (16) 62209A 71L262209AH76 00 189 EK (17) 00	
11. CONTROLLING OFFICE NAME AND ADDRESS Applied Technology Laboratory, U.S. Army Research & Technology Laboratories (AVRADCOM) Fort Eustis, Virginia 23604		12. REPORT DATE (11) September 1978	
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) (12) 1580.		13. NUMBER OF PAGES 157	
		15. SECURITY CLASS. (of this report) Unclassified	
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE	
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.			
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)			
18. SUPPLEMENTARY NOTES Volume II of an eight volume report. Volume II is comprised of nine sub-volumes (A through I).			
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Rotor Flow Environment Downwash Vibratory Pressures Flow Fuselage Interaction Forward Crown Aerodynamic Interaction			
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This is the fourth of the nine sub-volumes of Volume II. These documents contain harmonic analyses of the waveforms generated by each of the 53 pressure transducers which covered the surface of the model fuselage and empennage. This sub-volume covers the second eight of the twenty-seven runs devoted to surface pressure testing. The analyses encompass the transducers in the forward section of the model. Test conditions and/or configurations include effects of root cut-out, vortex generators and strakes, autorotation, and rotor height. ✓			

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

403 682 78 10 30 058

Gen

PREFACE

The entire report describing the investigation of **INTERACTIONAL AERODYNAMICS OF THE SINGLE-ROTOR HELICOPTER CONFIGURATION** comprises eight numbered volumes bound as 33 separate documents. The complete list of these documents is as follows:

Volume I, Final Report

Volume II, Harmonic Analyses of Airframe Surface Pressure Data

- A — Runs 7-14, Forward Section
- B — Runs 7-14, Mid Section
- C — Runs 7-14, Aft Section
- D — Runs 15-22, Forward Section
- E — Runs 15-22, Mid Section
- F — Runs 15-22, Aft Section
- G — Runs 23-33, Forward Section
- H — Runs 23-33, Mid Section
- I — Runs 23-33, Aft Section

→ This volume is

Volume III, Flow Angle and Velocity Wake Profiles in Low-Frequency Band

- A — Basic Investigations and Hubcap Variations
- B — Air Ejector Systems and Other Devices

Volume IV, One-Third Octave Band Spectrograms of Wake Split-Film Data

- A — Buildup to Baseline
- B — Basic Configuration Wake Explorations
- C — Solid Hubcaps
- D — Open Hubcaps
- E — Air Ejectors
- F — Air Ejectors With Hubcaps; Wings
- G — Fairings and Surface Devices

Volume V, Harmonic Analyses of Hub Wake

Volume VI, One-Third Octave Band Spectrograms of Wake Single Film Data

- A — Buildup to Baseline
- B — Basic Configuration Wake Exploration
- C — Hubcaps and Air Ejectors

Volume VII, Frequency Analyses of Wake Split-Film Data

- A — Buildup to Baseline
- B — Basic Configuration Wake Explorations
- C — Solid Hubcaps

SESSION for	
White Section	☒
Buff Section	☐
UNRECORDED	☐
REPLICATION	☐
BY _____	
DISTRIBUTION/AVAILABILITY CODES	
Dist.	AVAIL. 800/CI SPECIAL
A	

- D - Open Hubcaps
- E - Air Ejectors
- F - Air Ejectors With Hubcaps; Wings
- G - Fairings and Surface Devices

Volume VIII, Frequency Analyses of Wake Single Film Data

- A - Buildup to Baseline
- B - Basic Configuration Wake Exploration
- C - Hubcaps and Air Ejectors

TABLE OF CONTENTS

INTRODUCTION	6
LIST OF TEST RUNS (TABLE 1)	8
UTTAS 1/4.85 - SCALE MODEL GEOMETRY AND SURFACE PRESSURE TRANSDUCER LOCATIONS (FIGURE 1)	11
PRESSURE TRANSDUCER LOCATIONS (TABLE 2)	1
SURFACE PRESSURE HARMONIC ANALYSES	14

INTRODUCTION

Volume II summarizes the harmonic analyses of the airframe surface pressures measured at 53 locations on the fuselage, nacelles, and empennage of the model. These values are presented in nine volumes resulting from the following division of runs and pressures.

<u>Volume</u>	<u>Runs</u>	<u>Pressure Section</u>
II-A	7-14	Forward
II-B	"	Mid
II-C	"	Aft
II-D	15-22	Forward
II-E	"	Mid
II-F	"	Aft
II-G	23-53	Forward
II-H	"	Mid
II-I	"	Aft

A computer printout sheet is provided for each pressure transducer for every run. The steady and ten harmonic components are given in pounds per square inch. The resultant and its phase angle are shown as well as the sine and cosine. A machine plotted time history with points every three degrees is offered for reference.

The parameters of any run may be found in the list of Test Runs (Table 1), a copy of which appears in each volume.

The designation (PS number) of the pressure sensors within each section are shown below.

<u>Forward Section</u>	<u>Mid Section</u>	<u>Aft Section</u>
004.1	045.1	081.1
013.1	045.2	081.2
013.2	047.1	081.3
013.3	047.2	099.1
015.1	048.1	099.2
017.1	048.2	099.3
017.2	048.3	107.1
017.3	052.1	107.2
017.4	052.2	107.3
017.5	056.1	107.4
017.6	056.2	107.5
017.7	056.3	107.6
023.1	057.1	112.1
023.2	057.2	112.2
023.3	071.1	117.1
023.4	072.1	117.2
023.5	072.2	
026.1		

The location of each transducer is shown in the scaled model drawing (Figure 1) and the listing of the transducer locations (Table 2).

The great majority of the pressure data points permitted usable harmonic analysis. Occasionally the computer program would skip a case with too many points beyond the valid voltage bandwidth of the measurement system. This is noted by the words "BANDEDGE". There are also a few cases where a very flat variation indicates an inoperative transducer.

TABLE 1.
LIST OF TEST RUNS
MEASUREMENT OF VIBRATORY SURFACE PRESSURES

RUN NO.	CONFIGURATION/CONDITION	VTUN KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT. h/d	TAIL ROTOR
					α°	ψ°		
7	K ₁ /(a) Level flight baseline	60	1433/ 4500	8	2.2	-6.5	∞	On
"	" /(b) Max. gross weight level flt. baseline	"	"	10	3.3	"	"	"
8	" /(a) Repeat 7 (a)	"	"	8	2.2	"	"	"
"	" /(b) Increase speed to maximum	160	"	"	-3.5	-2.0	"	"
9	K ₂ /Repeat high speed baseline with TR off	"	1433/0	"	"	"	"	Off
10	" /Max. climb at low speed	60	"	"	-26.5	-15	"	"
11	" /(a) Repeat 10; T.P. 2,3,4,5	"	"	"	-26.5	-15	"	"
"	" /(b) Repeat 7(a) with TR off, T.P. 6,7,8,9	"	"	"	2.2	-6.5	"	"
12	" /(a) Repeat 7(b) with TR off	"	"	10	3.3	-6.5	"	"
"	" /(b) Max. G.W. at max. speed with TR off	160	"	"	-2.0	-2.0	"	"
13	K ₂ +S ₁ /Check longitudinal strakes	"	"	8	-3.5	-2.0	"	"
14	K ₂ +S ₂ /Check lateral strakes	"	"	"	"	"	"	"

TABLE 1. CONTINUED
LIST OF TEST RUNS
MEASUREMENT OF VIBRATORY SURFACE PRESSURES

RUN NO.	CONFIGURATION/CONDITION	VTUN KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT. h/d	TAIL ROTOR
					α°	ψ°		
15	K ₃ /Effect of 45° tapered blade root cutout	160	1433/0	8	-3.5	-2.0	∞	Off
16	K ₂ +VG ₁ /Effect of vortex generators on forward crown	"	"	"	"	"	"	"
17	K ₂ /Autorotation	60	"	"	21	0	"	"
18	K ₂ +S ₃ /Effect of lower longitudinal strakes	160	"	"	-3.5	-2.0	"	"
19	K ₄ /Rotor raised 2.5 inches	"	"	"	"	"	"	"
20	K ₄ +S ₃ /Lower strakes added to raised rotor	"	"	"	"	"	"	"
21	K ₅ /Rotor raised 5.0 inches	"	"	"	"	"	"	"
22	K ₅ +S ₃ /Lower strakes with rotor in highest position	"	"	"	"	"	"	"
23	K ₂ /Autorotation at maximum speed	"	"	"	"	"	"	"

TABLE 1. CONTINUED
LIST OF TEST RUNS
MEASUREMENT OF VIBRATORY SURFACE PRESSURES

RUN NO.	CONFIGURATION/CONDITION		VTUN KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT. h/d	TAIL ROTOR
						α°	ψ°		
24	K ₂ /Level flight speed sweep		20	1433/0	8	5.3	0	∞	Off
25	"	"	30	"	"	5.0	"	"	"
26	"	"	40	"	"	4.4	"	"	"
27	"	"	50	"	"	3.5	"	"	"
28	"	"	60	"	"	2.2	-6.5	"	"
29	"	"	80	"	"	0.2	-3.2	"	"
30	"	"	100	"	"	-0.6	-2.3	"	"
31	"	"	120	"	"	-1.6	-2.2	"	"
32	"	"	140	"	"	-2.7	-2.1	"	"
33	"	"	160	"	"	-3.5	-1.9	"	"

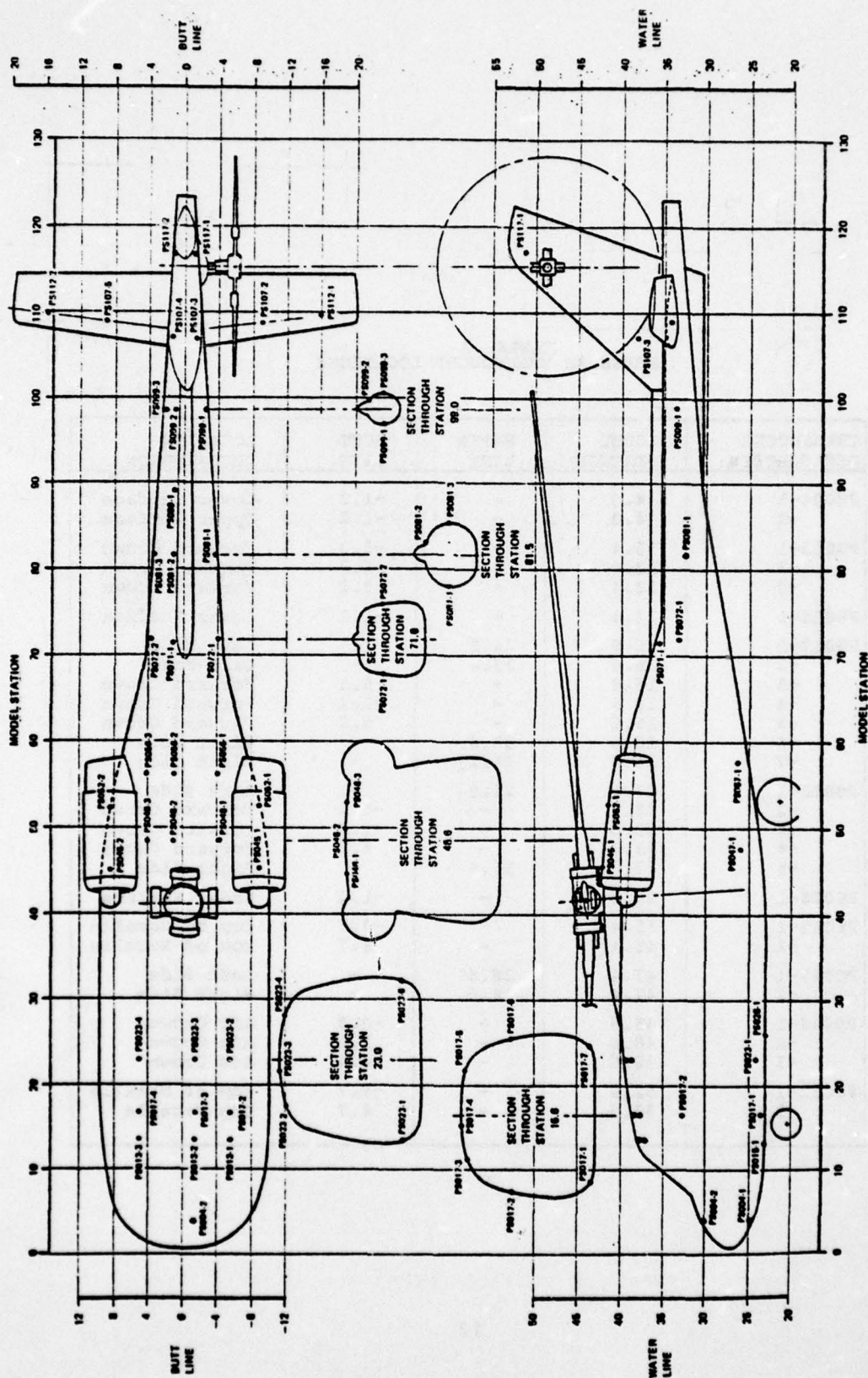


FIGURE 1 -1/4.85 SCALE MODEL GEOMETRY AND
SURFACE PRESSURE TRANSDUCER LOCATIONS

TABLE 2
PRESSURE TRANSDUCER LOCATIONS

TRANSDUCER DESIGNATION	MODEL STATION	WATER LINE	BUTT LINE	LOCATION DESCRIPTION
PS004-1	4.0	-	-1.2	Lower Surface
-2	4.0	-	-1.2	Upper Surface
PS013-1	13.4	-	-5.3	Forward Crown
-2	13.4	-	-1.2	Forward Crown
-3	13.4	-	5.2	Forward Crown
PS015-1	13.4	-	-1.2	Lower Surface
PS017-1	16.6	24.2	-	Left Side
-2	16.6	33.4	-	Left Side
-3	16.6	-	-5.3	Forward Crown
-4	16.6	-	-1.2	Forward Crown
-5	16.6	-	5.2	Forward Crown
-6	16.6	33.4	-	Right Side
-7	16.6	24.2	-	Right Side
PS023-1	23.0	25.9	-	Left Side
-2	23.0	-	-5.3	Forward Crown
-3	23.0	-	-1.2	Forward Crown
-4	23.0	-	5.2	Forward Crown
-5	23.0	25.9	-	Right Side
PS026-1	26.0	-	-1.2	Under Surface
PS045-1	45.4	-	-8.7	Top of Nacelle
-2	45.4	-	8.7	Top of Nacelle
PS047-1	47.4	26.6	-	Left Side
-2	47.4	26.6	-	Right Side
PS048-1	48.6	-	-3.9	Aft Crown
-2	48.6	-	1.2	Aft Crown
-3	48.6	-	4.4	Aft Crown
PS052-1	52.6	-	-8.7	Top of Nacelle
-2	52.6	-	8.7	Top Nacelle

TABLE 2 (CONTINUED)
PRESSURE TRANSDUCER LOCATIONS

TRANSDUCER DESIGNATION	MODEL STATION	WATER LINE	BUTT LINE	LOCATION DESCRIPTION
PS056-1	56.2	-	-3.9	Aft Crown
-2	56.2	-	1.2	Aft Crown
-3	56.2	-	4.4	Aft Crown
PS057-1	57.4	27.0	-	Left Side
-2	57.4	27.0	-	Right Side
PS071-1	71.4	-	1.2	Top Surface
PS072-1	71.6	28.9	-	Left Side
-2	71.6	28.9	-	Right Side
PS081-1	81.3	28.9	-	Left Side
-2	81.3	-	1.2	Top Surface
-3	81.3	28.9	-	Right Side
PS089-1	89.4	-	1.2	Top Surface
PS099-1	99.0	28.9	-	Left Side
-2	99.0	-	1.2	Top Surface
-3	99.0	28.9	-	Right Side
PS107-1	109.5	-	-8.6	Lower Surf. - Stab.
-2	109.5	-	-8.6	Upper Surf. - Stab.
-3	109.5	38.7	-	Left Side - Fin
-4	109.5	38.7	-	Right Side - Fin
-5	109.5	-	8.6	Upper Surf. - Stab.
-6	109.5	-	8.6	Lower Surf. - Stab.
PS112-1	110.3	-	-15.9	Upper Surf. - Stab.
-2	110.3	-	15.9	Upper Surf. - Stab.
PS117-1	117.0	47.7	-	Left Side - Fin
-2	117.0	47.7	-	Right Side - Fin

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

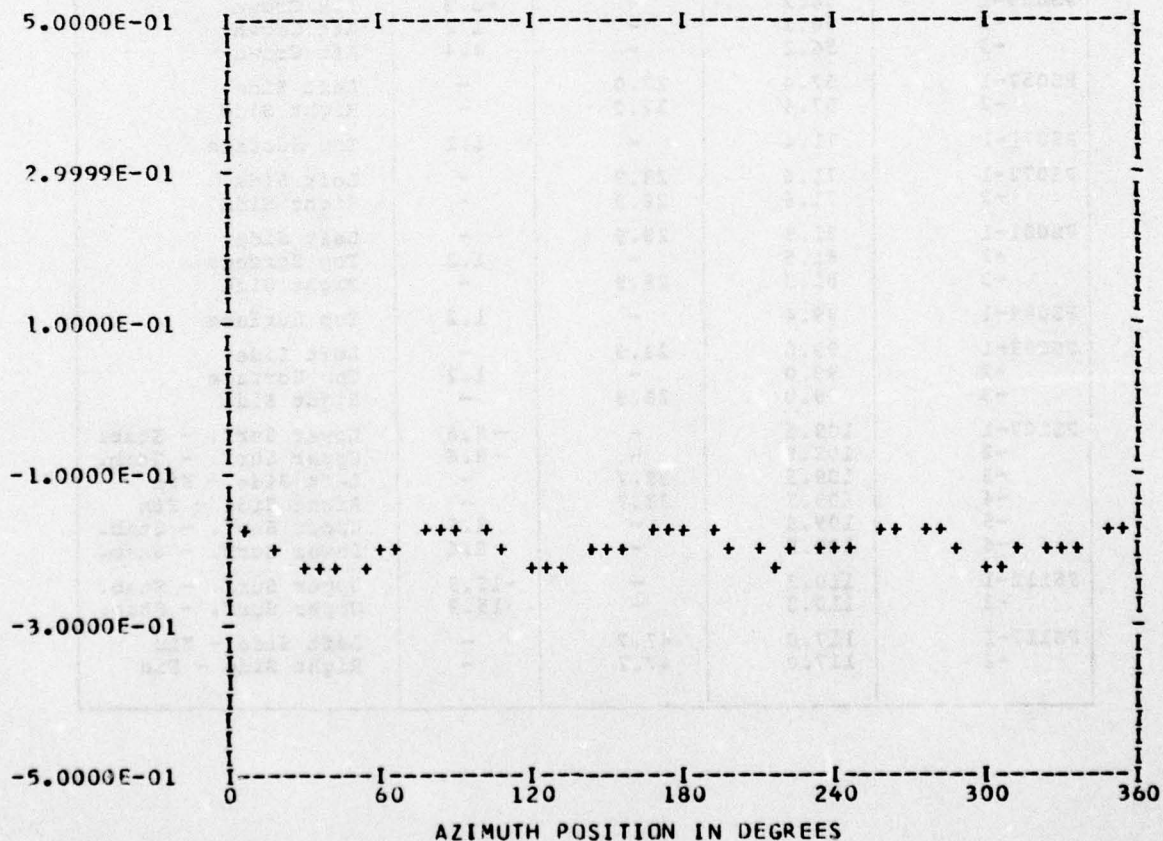
*** PS004.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 15
 TP 10
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.19798E 00	1	-0.14134E-03	-0.26805E-02	0.26842E-02	183.0
	2	-0.91108E-04	-0.21400E-02	0.21419E-02	182.4
	3	0.11952E-03	-0.33324E-02	0.33345E-02	177.9
	4	0.17950E-01	-0.14251E-01	0.22920E-01	128.4
	5	0.23166E-02	-0.23355E-03	0.23283E-02	95.7
	6	-0.16339E-02	0.25773E-03	0.16541E-02	278.9
	7	0.13230E-02	-0.11011E-02	0.17213E-02	129.7
	8	0.34067E-02	-0.70445E-03	0.34788E-02	101.6
	9	0.70711E-03	-0.10076E-02	0.12310E-02	144.9
	10	-0.55828E-03	0.47500E-03	0.73301E-03	310.3

MAX=-0.16923E 00 MIN=-0.22524E 00 PEAK TO PEAK/2= 0.28003E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

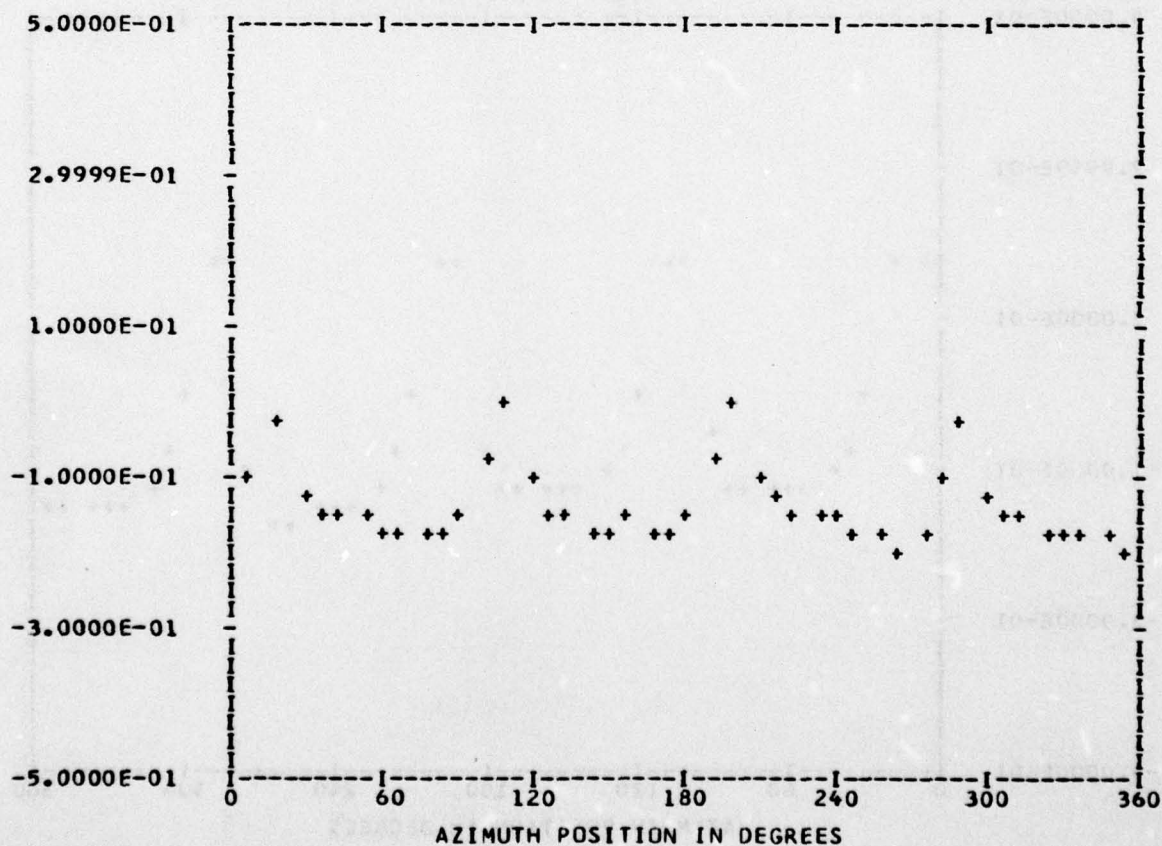
*** PS013.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 15
 TP 10
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13868E 00	1	-0.91723E-02	0.32607E-02	0.97346E-02	289.5
	2	0.17537E-02	0.19211E-02	0.26012E-02	42.3
	3	-0.34067E-02	-0.49475E-02	0.60069E-02	214.5
	4	0.35268E-01	0.40220E-01	0.53493E-01	41.2
	5	0.12705E-02	0.88320E-03	0.15473E-02	55.1
	6	0.18381E-02	-0.62738E-03	0.19422E-02	108.8
	7	0.14388E-02	-0.32789E-02	0.35807E-02	156.3
	8	0.10550E-01	0.34411E-01	0.35992E-01	17.0
	9	0.52242E-03	0.35420E-03	0.63118E-03	55.8
	10	0.44930E-03	0.61271E-03	0.75980E-03	36.2

MAX= 0.27756E-02 MIN=-0.19429E 00 PEAK TO PEAK/2= 0.98536E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

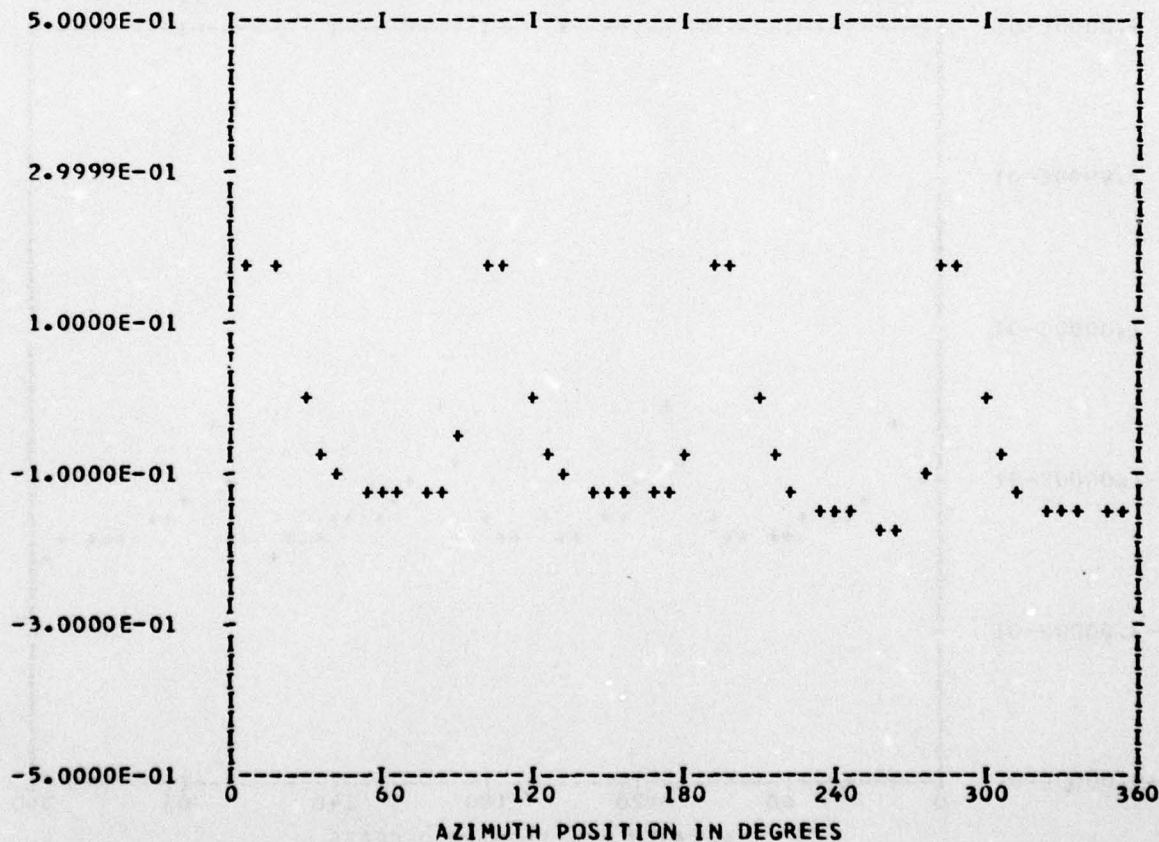
*** PS013.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 Bandedge 0

RUN 15
 TP 10
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.54668E-01	1	-0.13782E-02	0.86072E-02	0.87169E-02	350.9
	2	0.36245E-03	-0.15118E-02	0.15546E-02	166.5
	3	-0.53108E-02	0.29683E-02	0.60840E-02	299.2
	4	0.11399E-00	0.72957E-01	0.13534E-00	57.3
	5	0.49751E-02	-0.23675E-02	0.55097E-02	115.4
	6	0.16708E-02	-0.10698E-02	0.19839E-02	122.6
	7	-0.10977E-02	-0.71960E-03	0.13125E-02	236.7
	8	0.52785E-01	0.57685E-01	0.78191E-01	42.4
	9	0.33425E-02	-0.15078E-02	0.36668E-02	114.2
	10	-0.17766E-02	-0.86720E-03	0.19769E-02	243.9

MAX= 0.17847E 00 MIN=-0.16725E 00 PEAK TO PEAK/2= 0.17286E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

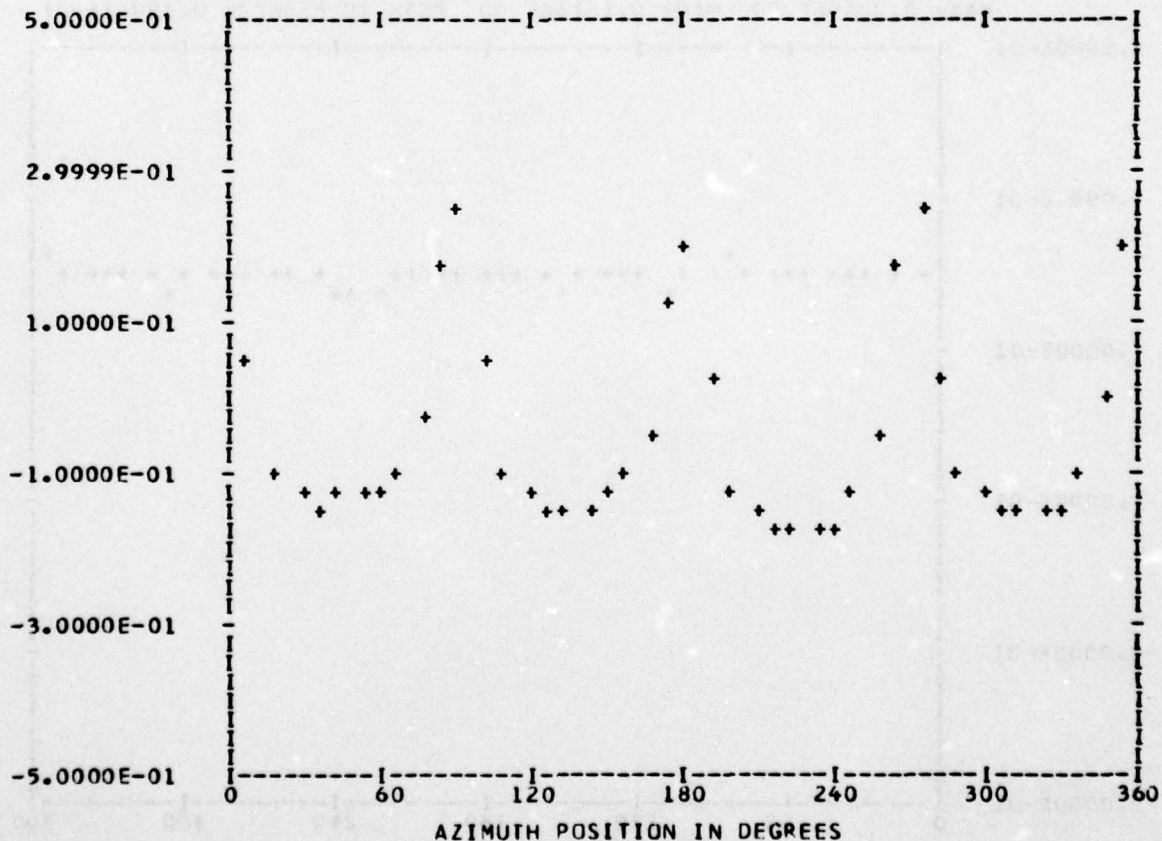
*** PS013.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 15
 TP 10
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.47159E-01	1	0.15437E-01	0.97122E-02	0.18238E-01	57.8
	2	-0.11105E-02	-0.54979E-02	0.56089E-02	191.4
	3	0.42110E-02	0.57199E-03	0.42497E-02	82.2
	4	0.15700E-00	-0.40654E-01	0.16218E-00	104.5
	5	0.60338E-02	-0.67141E-02	0.90270E-02	138.0
	6	-0.14722E-02	-0.60228E-04	0.14734E-02	267.6
	7	0.41023E-02	-0.27459E-02	0.49365E-02	123.7
	8	0.76686E-01	-0.40079E-01	0.86529E-01	117.5
	9	0.12096E-02	-0.37980E-02	0.39859E-02	162.3
	10	-0.18745E-02	0.22485E-02	0.29274E-02	320.1

MAX= 0.26605E 00 MIN=-0.17313E 00 PEAK TO PEAK/2= 0.21959E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

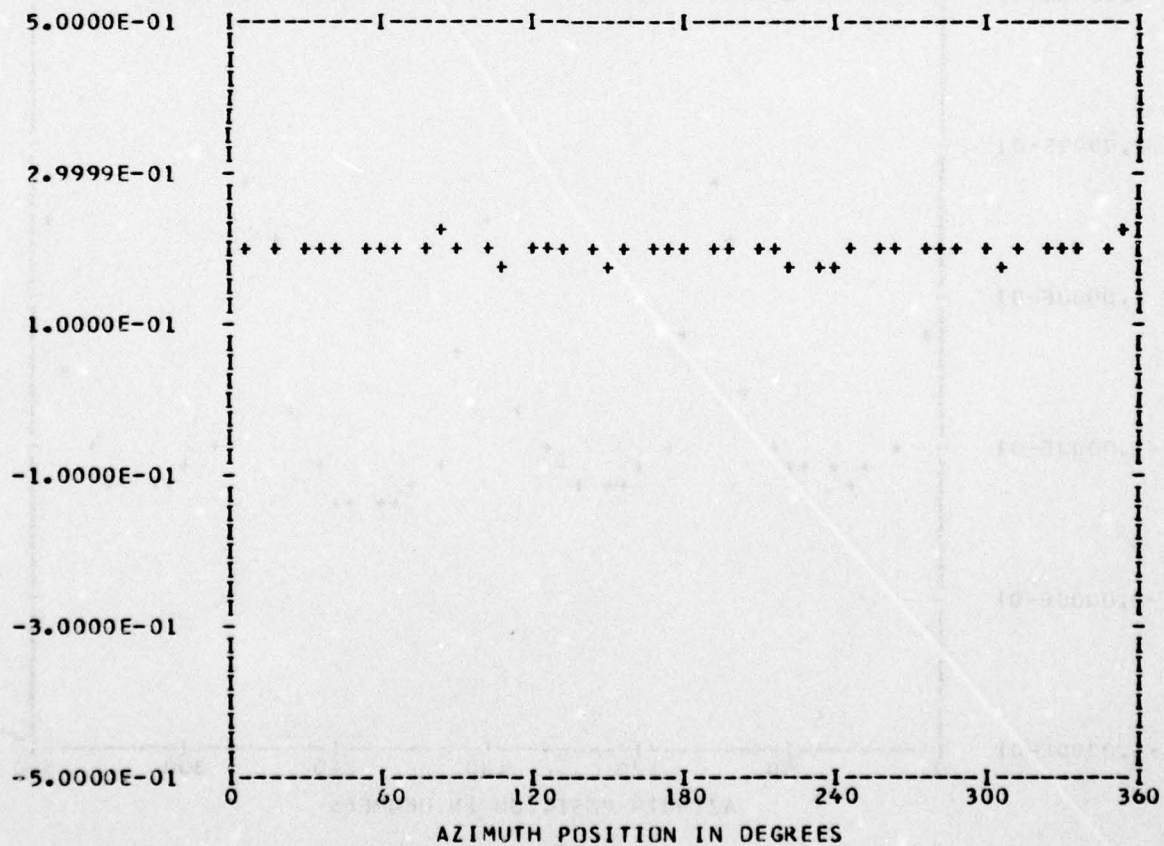
*** PS015.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 15
 TP 10
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.19716E 00	1	0.71438E-02	-0.62275E-03	0.71709E-02	94.9
	2	0.17564E-02	-0.21462E-02	0.27733E-02	140.7
	3	0.22282E-03	-0.76043E-03	0.79241E-03	163.6
	4	0.39249E-02	-0.51996E-02	0.65147E-02	142.9
	5	0.17431E-02	-0.25612E-02	0.30981E-02	145.7
	6	-0.49829E-03	0.32621E-02	0.33000E-02	351.3
	7	0.10130E-02	0.59152E-03	0.11730E-02	59.7
	8	-0.15831E-02	-0.28372E-02	0.32490E-02	209.1
	9	0.13007E-02	-0.17745E-02	0.22002E-02	143.7
	10	0.97463E-03	-0.23458E-02	0.25402E-02	157.4

MAX= 0.22156E 00 MIN= 0.18168E 00 PEAK TO PEAK/2= 0.19941E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

```

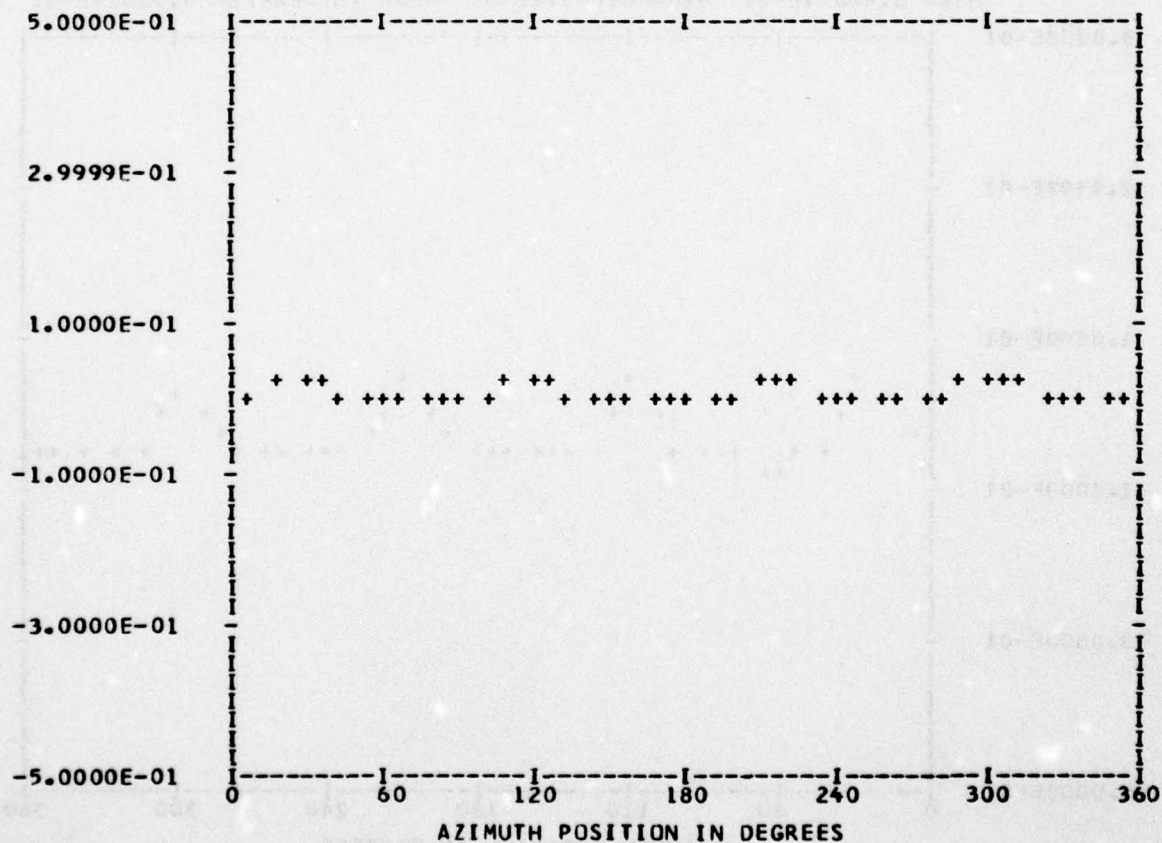
*** PS017.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 0

RUN 15
TP 10
CHAN 54

STEADY 0.67549E-02
HARM 1 0.10378E-02 -0.51816E-03 0.11599E-02 116.5
2 0.11494E-02 -0.82915E-03 0.14172E-02 125.8
3 0.89727E-03 -0.21333E-04 0.89752E-03 91.3
4 -0.18656E-02 0.10503E-01 0.10667E-01 349.9
5 0.82076E-03 -0.36634E-03 0.89881E-03 114.0
6 -0.79980E-03 -0.10272E-02 0.13019E-02 217.9
7 0.13115E-02 0.68248E-04 0.13132E-02 87.0
8 -0.39849E-02 -0.42257E-04 0.39851E-02 269.3
9 0.28870E-03 -0.15549E-03 0.32791E-03 118.3
10 0.25335E-03 -0.68809E-03 0.73325E-03 159.7
    
```

MAX= 0.24077E-01 MIN=-0.43618E-02 PEAK TO PEAK/2= 0.14219E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

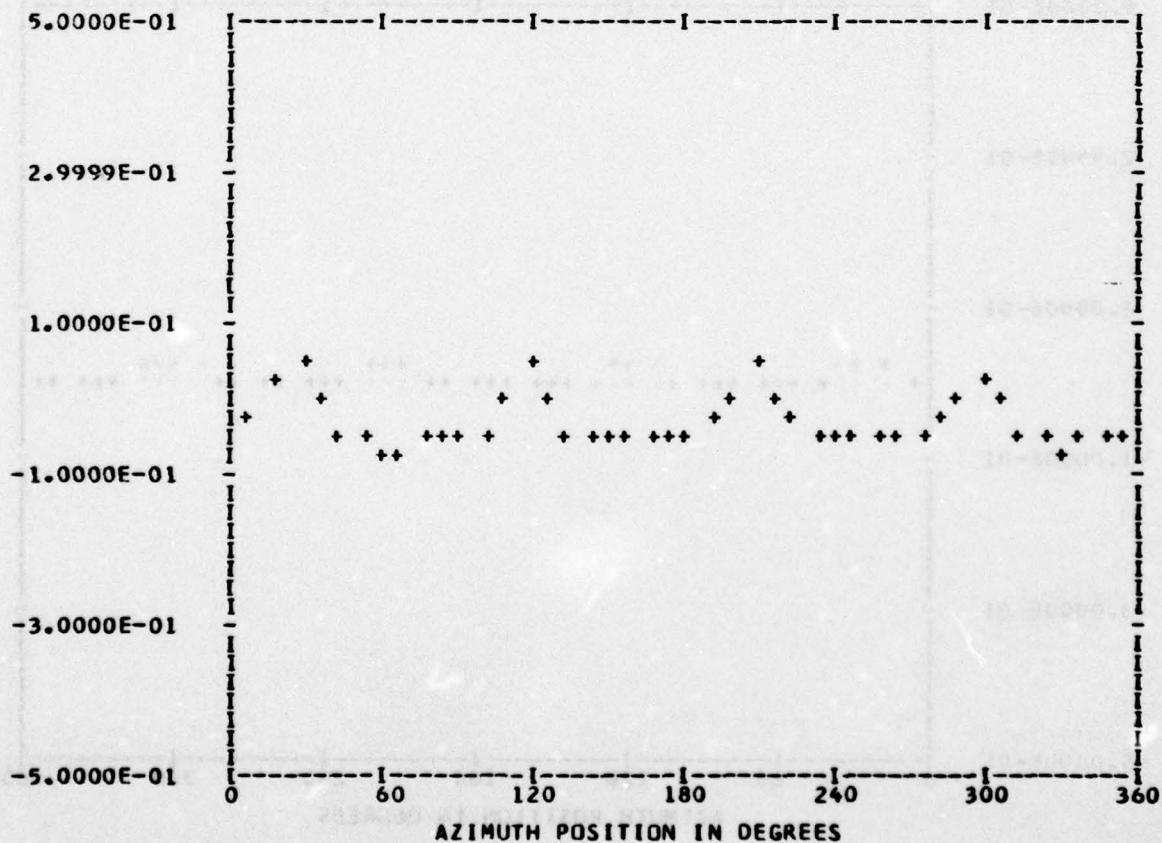
*** PS017.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 RANDEDGE 0

RUN 15
 TP 10
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.33004E-01	1	-0.19125E-02	-0.28342E-02	0.34192E-02	214.0
	2	-0.10351E-03	0.28243E-03	0.30081E-03	339.8
	3	0.37076E-02	-0.93958E-03	0.38248E-02	104.2
	4	0.13510E-01	0.37780E-01	0.40123E-01	19.6
	5	0.78088E-03	-0.76679E-03	0.10944E-02	134.4
	6	0.13063E-02	-0.24313E-03	0.13287E-02	100.5
	7	0.56404E-03	0.18213E-03	0.59272E-03	72.1
	8	-0.19571E-01	0.10401E-01	0.22163E-01	297.9
	9	-0.35102E-03	0.11454E-02	0.11980E-02	342.9
	10	-0.62442E-03	0.66435E-03	0.91174E-03	316.7

MAX= 0.44677E-01 MIN=-0.65372E-01 PEAK TO PEAK/2= 0.55024E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

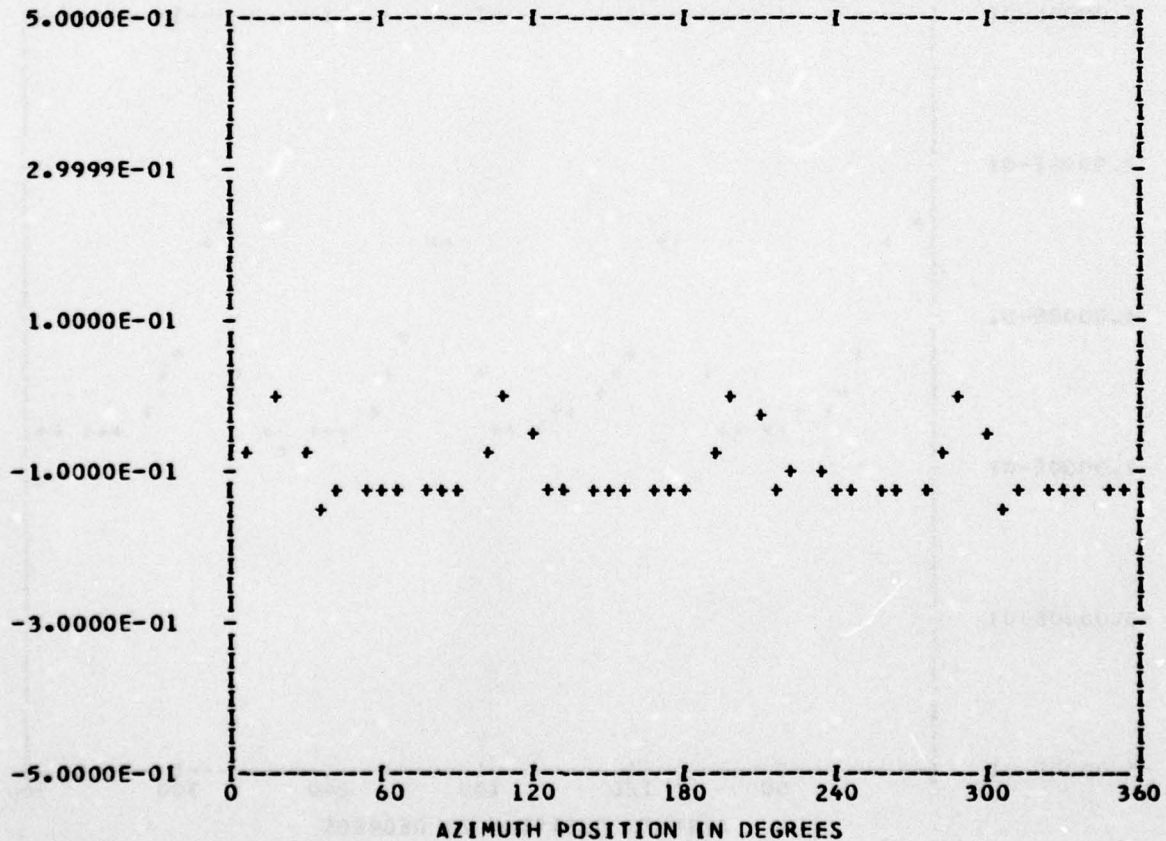
*** PS017.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 15
 TP 10
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10090E 00	1	-0.55710E-02	-0.12301E-02	0.57052E-02	257.5
	2	-0.65767E-03	0.21174E-02	0.22172E-02	342.7
	3	0.16038E-02	-0.45449E-02	0.48196E-02	160.5
	4	0.29869E-01	0.25591E-01	0.39333E-01	49.4
	5	0.17844E-02	-0.19330E-02	0.26307E-02	137.2
	6	0.13584E-02	-0.87746E-03	0.16172E-02	122.8
	7	0.32933E-02	0.12083E-02	0.35080E-02	69.8
	8	0.69547E-02	0.32274E-01	0.33015E-01	12.1
	9	0.15764E-02	0.10600E-02	0.18997E-02	56.0
	10	0.17930E-04	0.11652E-02	0.11654E-02	0.8

MAX= 0.16964E-02 MIN=-0.16164E 00 PEAK TO PEAK/2= 0.81671E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

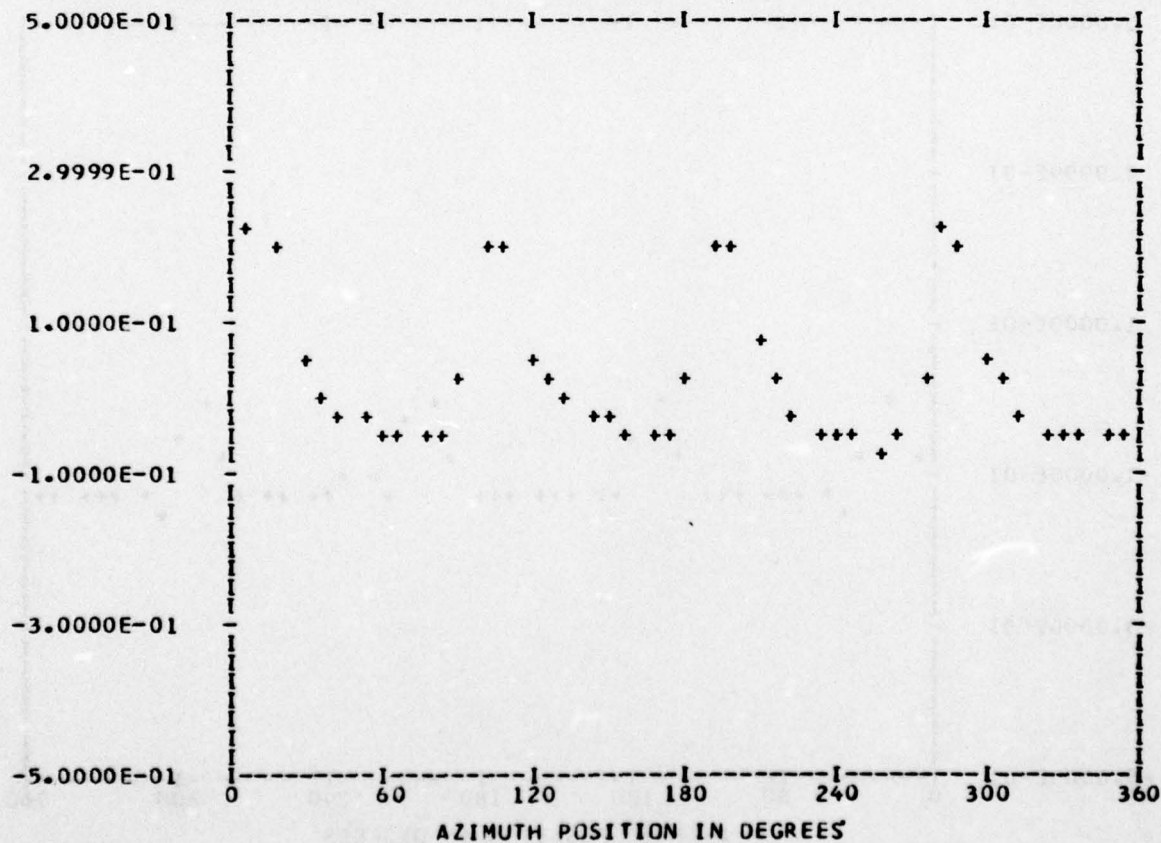
*** PS017.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANNEDGE 0

RUN 15
 TP 10
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24737E-01	1	-0.12304E-02	0.50671E-02	0.52143E-02	346.3
	2	0.79548E-03	-0.60932E-03	0.10020E-02	127.4
	3	-0.59256E-03	0.10799E-02	0.12318E-02	331.2
	4	0.95268E-01	0.56170E-01	0.11059E 00	59.4
	5	0.40788E-02	-0.29553E-02	0.50370E-02	125.9
	6	0.72857E-03	0.41948E-03	0.84071E-03	60.0
	7	0.21362E-03	-0.25707E-02	0.25795E-02	175.2
	8	0.48809E-01	0.37607E-01	0.61616E-01	52.3
	9	0.14793E-02	-0.12405E-02	0.19306E-02	129.9
	10	-0.18146E-02	0.88192E-03	0.20175E-02	295.9

MAX= 0.22224E 00 MIN=-0.65341E-01 PEAK TO PEAK/2= 0.14379E 00



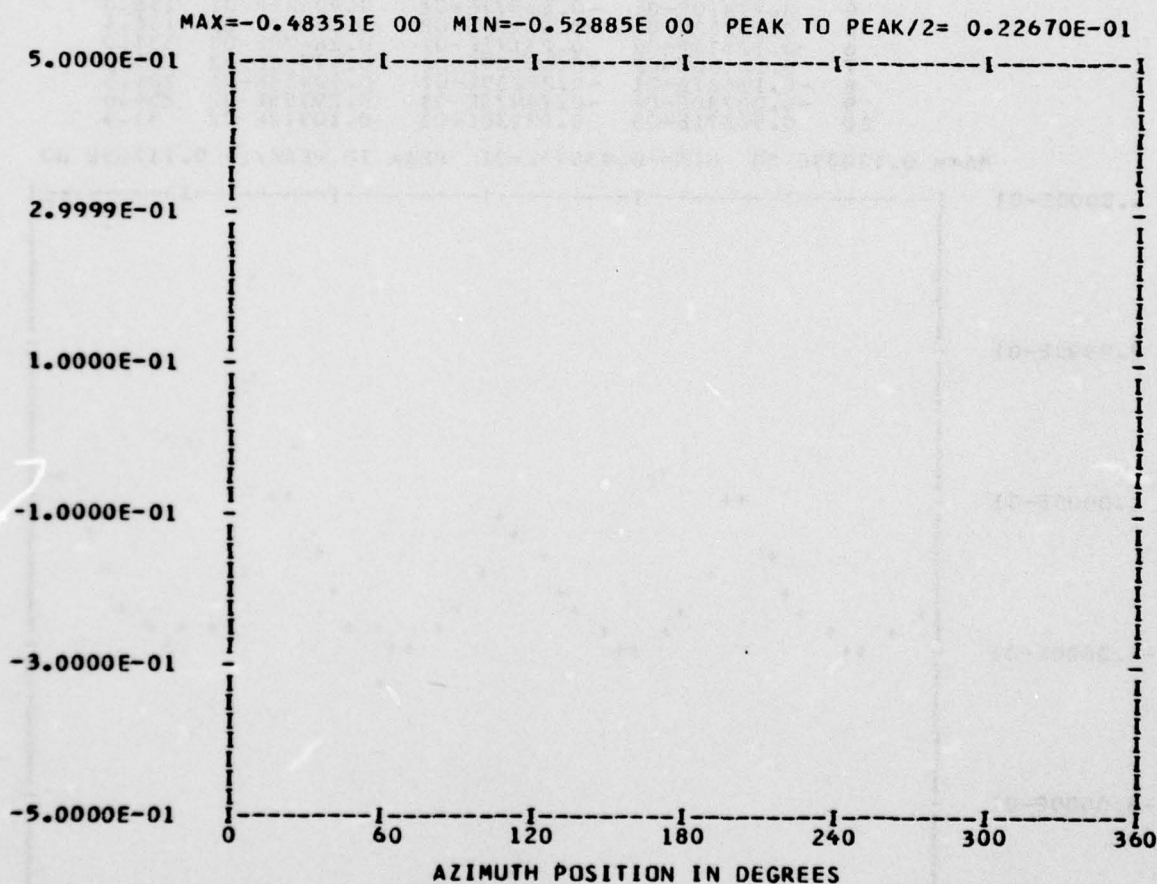
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

*** PS017.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 44
 BANDEDGE 43

RUN 15
 TP 10
 CHAN 46

HARMONIC ANALYSIS SKIPPED



BBBB	A	N	N	DDDD	EEEE	DDDD	GGGG	EEEE
B	A A	NN	N	D D	E	D	G	E
BBBB	A A	N N	N	D D	EEEE	D D	G G	EEEE
B	AAAA	N NN	N	D D	E	D	G	E
BBBB	A A	N N	N	DDDD	EEEE	DDDD	GGGG	EEEE

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

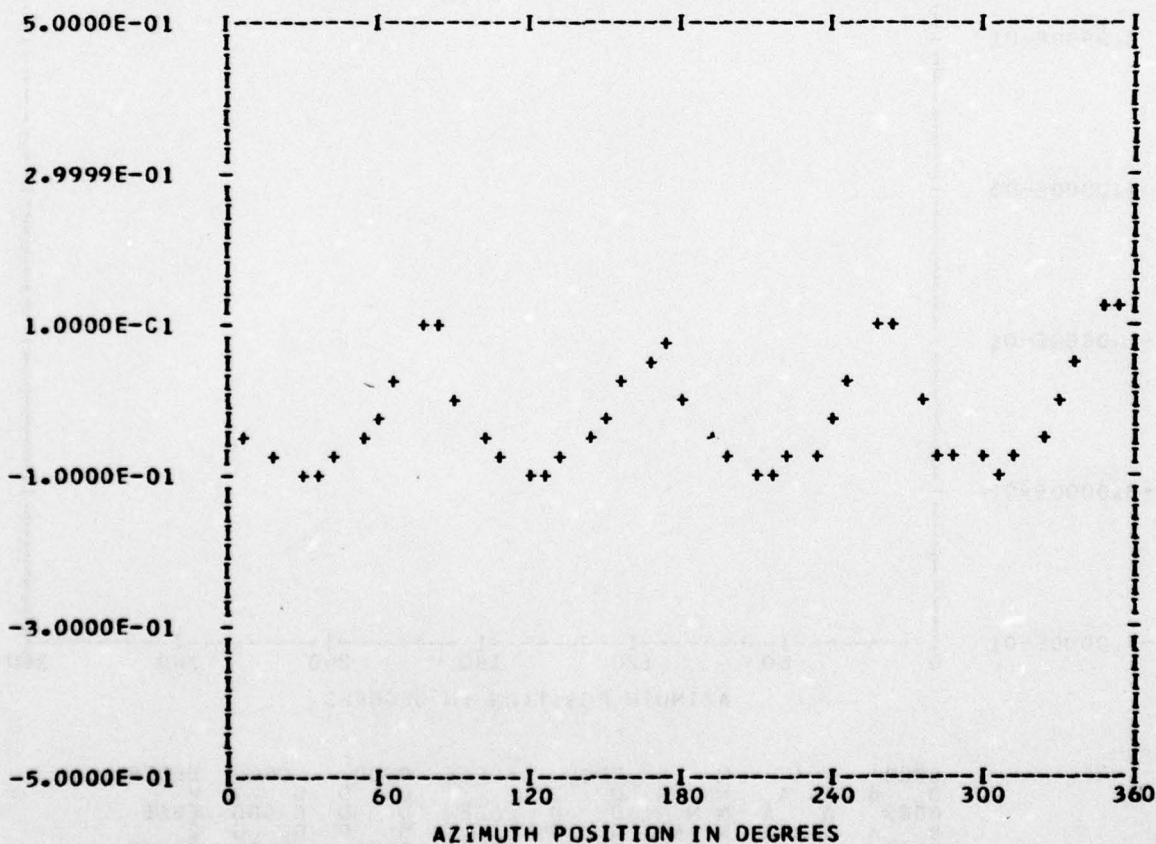
*** PS017.6 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 15
 TP 10
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22725E-01	1	0.97417E-02	-0.94267E-03	0.97872E-02	95.5
	2	0.22074E-02	-0.41357E-02	0.46880E-02	151.9
	3	0.36965E-02	-0.64002E-02	0.73910E-02	149.9
	4	0.33810E-01	-0.83877E-01	0.90435E-01	158.0
	5	0.15252E-02	-0.63105E-02	0.64922E-02	166.4
	6	-0.12812E-02	0.23172E-02	0.26478E-02	331.0
	7	-0.20436E-02	-0.43209E-02	0.47798E-02	205.3
	8	-0.13627E-01	-0.27239E-01	0.30458E-01	206.5
	9	-0.28730E-02	-0.78925E-03	0.29795E-02	254.6
	10	0.56871E-03	0.93130E-03	0.10912E-02	31.4

MAX= 0.13009E 00 MIN=-0.93975E-01 PEAK TO PEAK/2= 0.11203E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

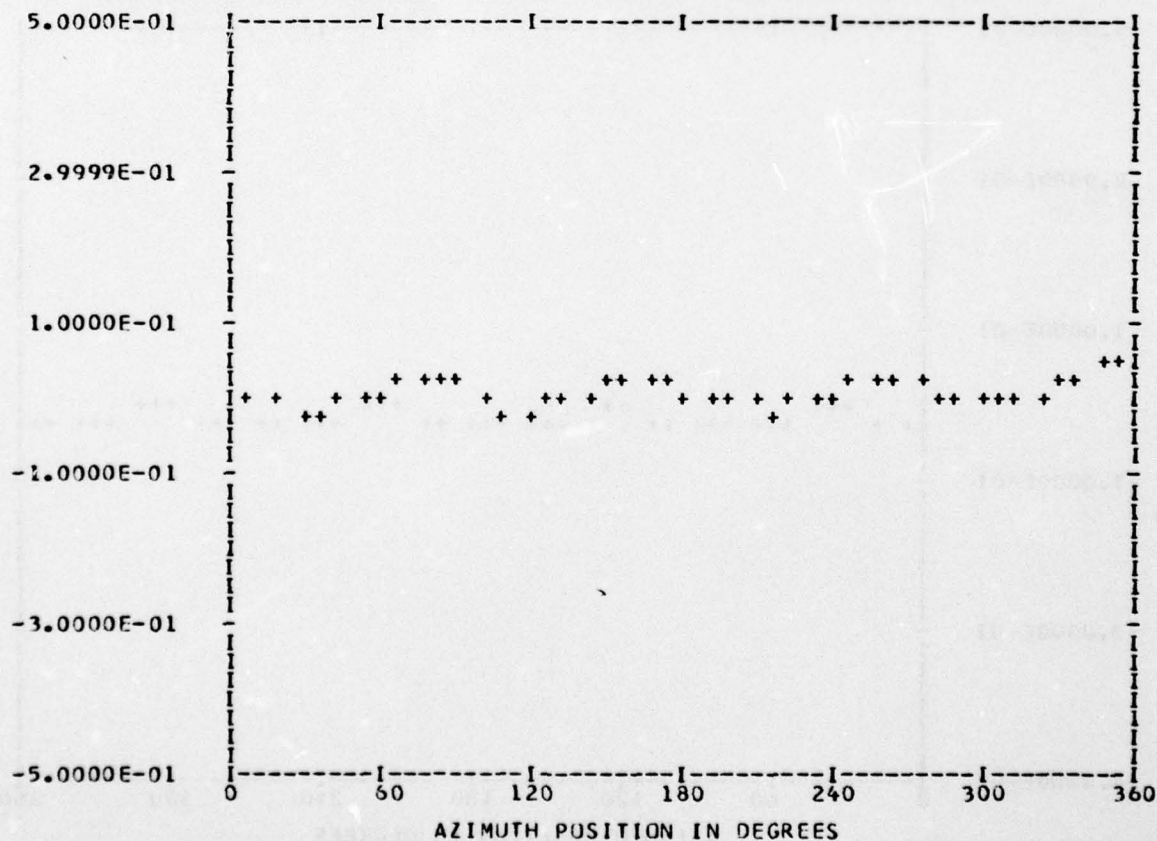
*** PS017.7 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 15
 TP 10
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.58891E-02	1	0.39110E-02	-0.10862E-02	0.40590E-02	105.5
	2	-0.53523E-03	-0.31003E-02	0.31462E-02	189.7
	3	0.35814E-03	-0.19055E-02	0.19389E-02	169.3
	4	0.43080E-02	-0.20688E-01	0.21132E-01	168.2
	5	0.15944E-02	-0.30492E-02	0.31409E-02	152.3
	6	-0.85373E-03	0.20005E-02	0.21751E-02	336.8
	7	0.25050E-03	-0.14142E-02	0.14362E-02	169.9
	8	-0.21196E-02	-0.42538E-02	0.47527E-02	206.4
	9	-0.50158E-03	-0.15590E-03	0.52525E-03	252.7
	10	0.59961E-03	-0.26731E-05	0.59962E-03	90.2

MAX= 0.38891E-01 MIN=-0.17465E-01 PEAK TO PEAK/2= 0.28178E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

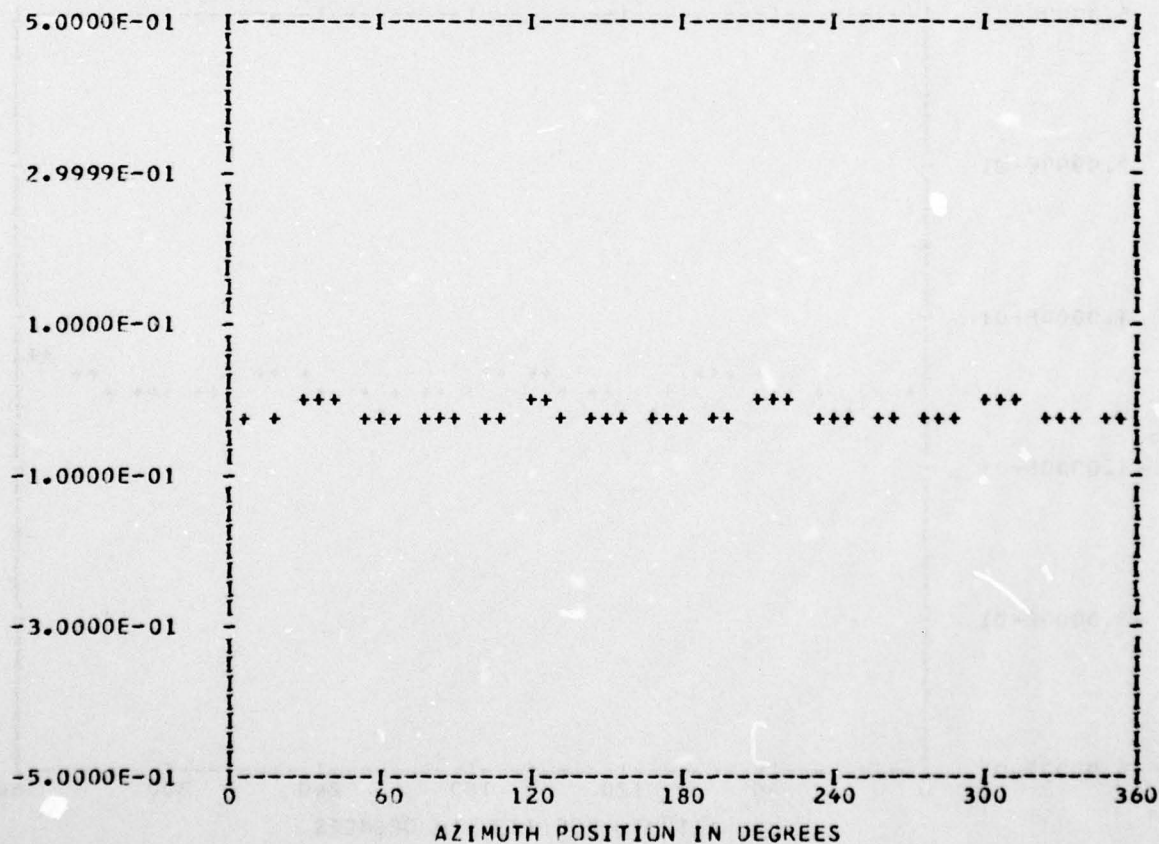
*** PS023.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 15
 TP 10
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.19749E-01	1	0.25797E-03	-0.91013E-03	0.94598E-03	164.1
	2	0.13617E-02	0.14654E-03	0.13696E-02	83.8
	3	0.34893E-03	0.58366E-03	0.68001E-03	30.8
	4	-0.72764E-02	0.12219E-01	0.14221E-01	329.2
	5	-0.27075E-03	-0.27305E-03	0.38453E-03	224.7
	6	0.16331E-03	-0.11190E-02	0.11308E-02	171.6
	7	0.28236E-03	0.34061E-06	0.28236E-03	89.9
	8	-0.48730E-02	-0.61972E-04	0.48734E-02	269.2
	9	0.15411E-03	-0.30846E-04	0.15717E-03	101.3
	10	0.10285E-03	0.42019E-04	0.11110E-03	67.7

MAX=-0.13882E-02 MIN=-0.36599E-01 PEAK TO PEAK/2= 0.17605E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

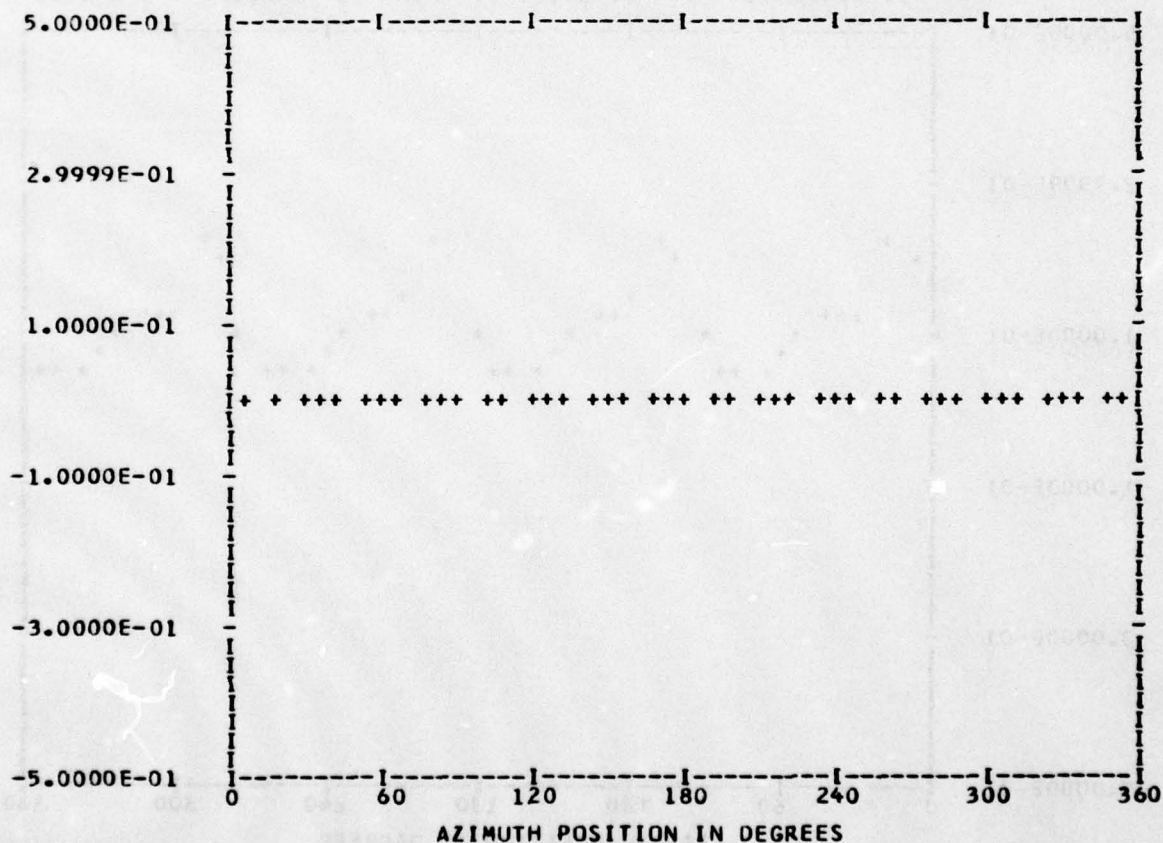
*** PS023.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 15
 TP 10
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22392E-02	1	0.27962E-04	0.20377E-04	0.34600E-04	53.9
	2	-0.54354E-04	0.57295E-04	0.78975E-04	316.5
	3	0.20490E-05	0.26135E-04	0.26215E-04	4.4
	4	0.21611E-03	0.59566E-04	0.22416E-03	74.5
	5	-0.55126E-04	0.11138E-03	0.12428E-03	333.6
	6	0.16107E-04	-0.36221E-04	0.39641E-04	156.0
	7	0.15580E-04	-0.50760E-05	0.16386E-04	108.0
	8	0.83389E-04	0.64670E-04	0.10552E-03	52.2
	9	0.61035E-04	0.61465E-07	0.61035E-04	89.9
	10	-0.12170E-04	0.28791E-04	0.31257E-04	337.0

MAX=-0.16945E-02 MIN=-0.30260E-02 PEAK TO PEAK/2= 0.66572E-03



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

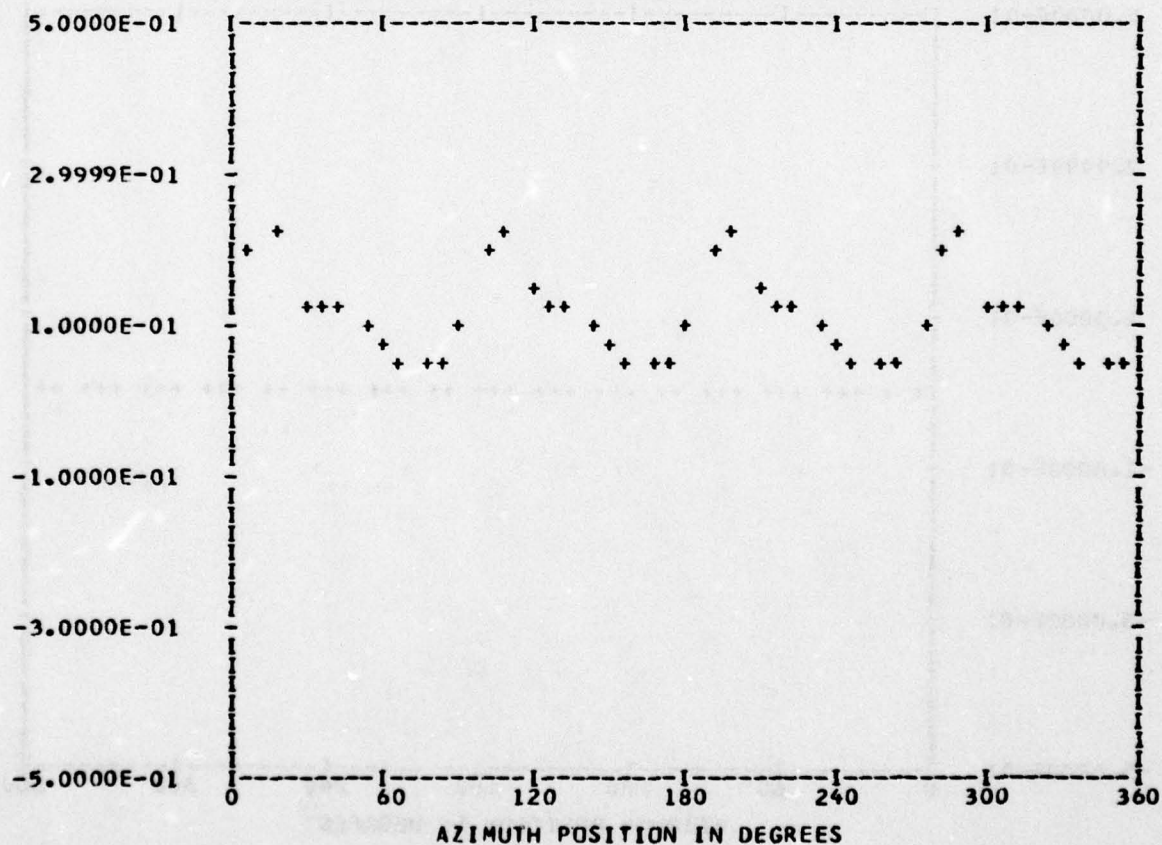
*** PS023.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 15
 TP 10
 CHAN 62

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.11370E 00	1	0.51071E-03	0.36417E-02	0.36773E-02	7.9
	2	0.14092E-02	0.54774E-03	0.15119E-02	68.7
	3	0.16208E-02	0.15045E-02	0.22115E-02	47.1
	4	0.44083E-01	0.48463E-01	0.65514E-01	42.2
	5	0.13326E-02	-0.15991E-02	0.20816E-02	140.1
	6	0.50122E-03	-0.90890E-03	0.10379E-02	151.1
	7	0.13709E-02	-0.73021E-04	0.13728E-02	93.0
	8	0.29155E-01	0.11726E-01	0.31425E-01	68.0
	9	0.23576E-02	-0.46325E-03	0.24027E-02	101.1
	10	-0.22447E-03	-0.77437E-03	0.80624E-03	196.1

MAX= 0.23272E 00 MIN= 0.48911E-01 PEAK TO PEAK/2= 0.91907E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

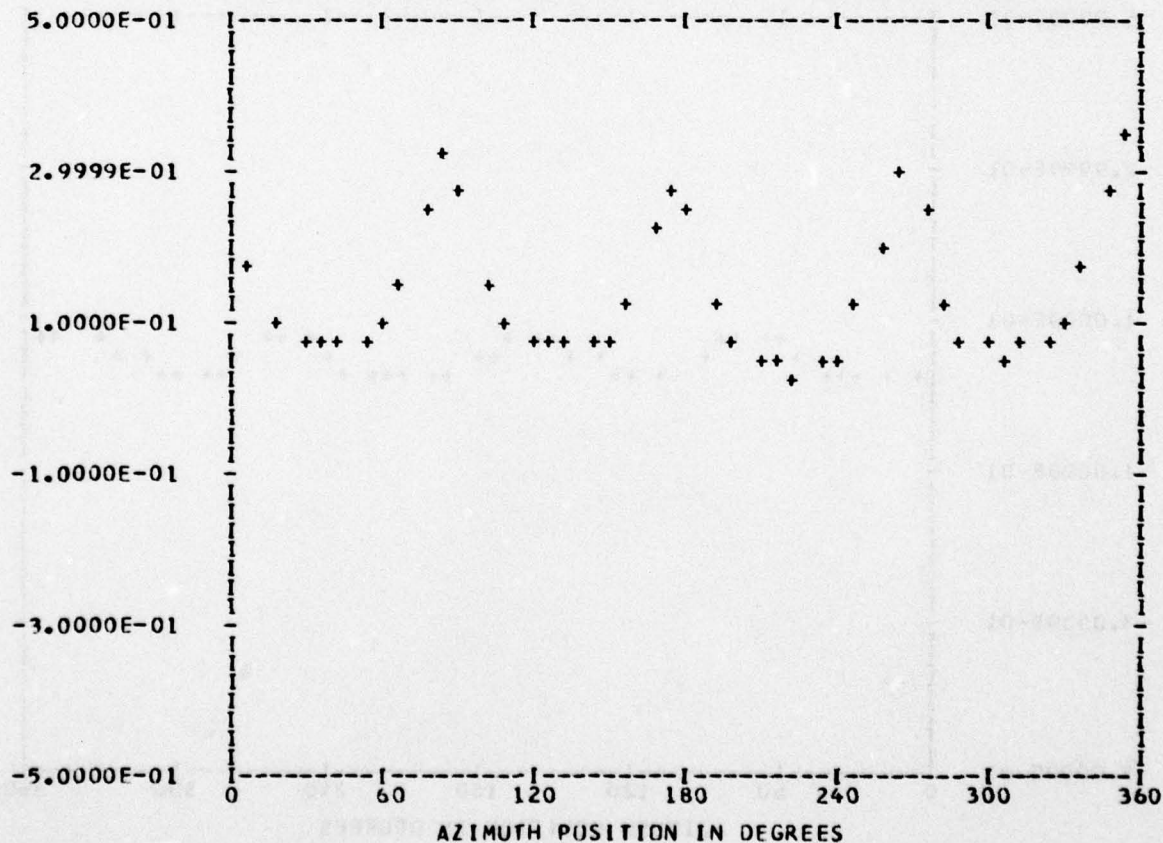
*** PS023.4 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 0

RUN 15
IP 10
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.13834E 00	1	0.16134E-01	0.10157E-01	0.19065E-01	57.8
	2	0.22622E-02	-0.68271E-02	0.71921E-02	161.6
	3	0.23282E-02	-0.49160E-02	0.54395E-02	154.6
	4	0.92963E-01	-0.68036E-01	0.11520E 00	126.1
	5	0.43366E-02	-0.47055E-02	0.63990E-02	137.3
	6	-0.61599E-03	0.13245E-02	0.14607E-02	335.0
	7	0.60354E-03	-0.38401E-02	0.38872E-02	171.0
	8	0.11910E-01	-0.43221E-01	0.44832E-01	164.5
	9	-0.11800E-02	-0.26270E-02	0.28798E-02	204.1
	10	-0.11944E-02	0.15997E-03	0.12050E-02	277.6

MAX= 0.34404E 00 MIN= 0.36332E-01 PEAK TO PEAK/2= 0.15385E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

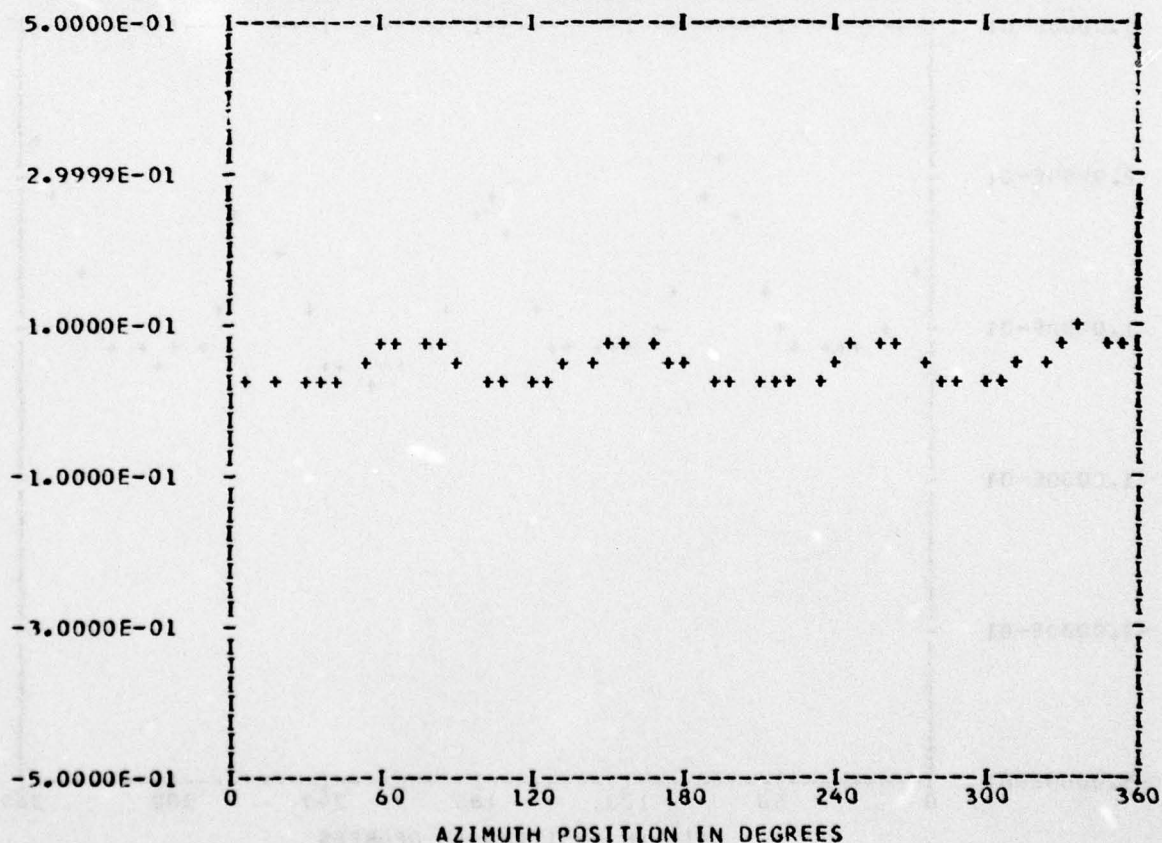
*** PS023.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 15
 TP 10
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.47164E-01	1	0.59362E-02	-0.75375E-03	0.59838E-02	97.2
	2	-0.88301E-04	-0.50154E-02	0.50162E-02	181.0
	3	-0.10746E-02	-0.13530E-02	0.17278E-02	218.4
	4	-0.23949E-02	-0.27068E-01	0.27174E-01	185.0
	5	-0.35780E-03	-0.31113E-02	0.31318E-02	186.5
	6	-0.84579E-04	0.24356E-02	0.24370E-02	358.0
	7	-0.11661E-02	-0.78246E-03	0.14043E-02	236.1
	8	-0.37307E-02	-0.27194E-02	0.46166E-02	233.9
	9	-0.76283E-03	0.83407E-03	0.11303E-02	317.5
	10	0.98877E-04	-0.29309E-03	0.30932E-03	161.3

MAX= 0.92483E-01 MIN= 0.19626E-01 PEAK TO PEAK/2= 0.36428E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

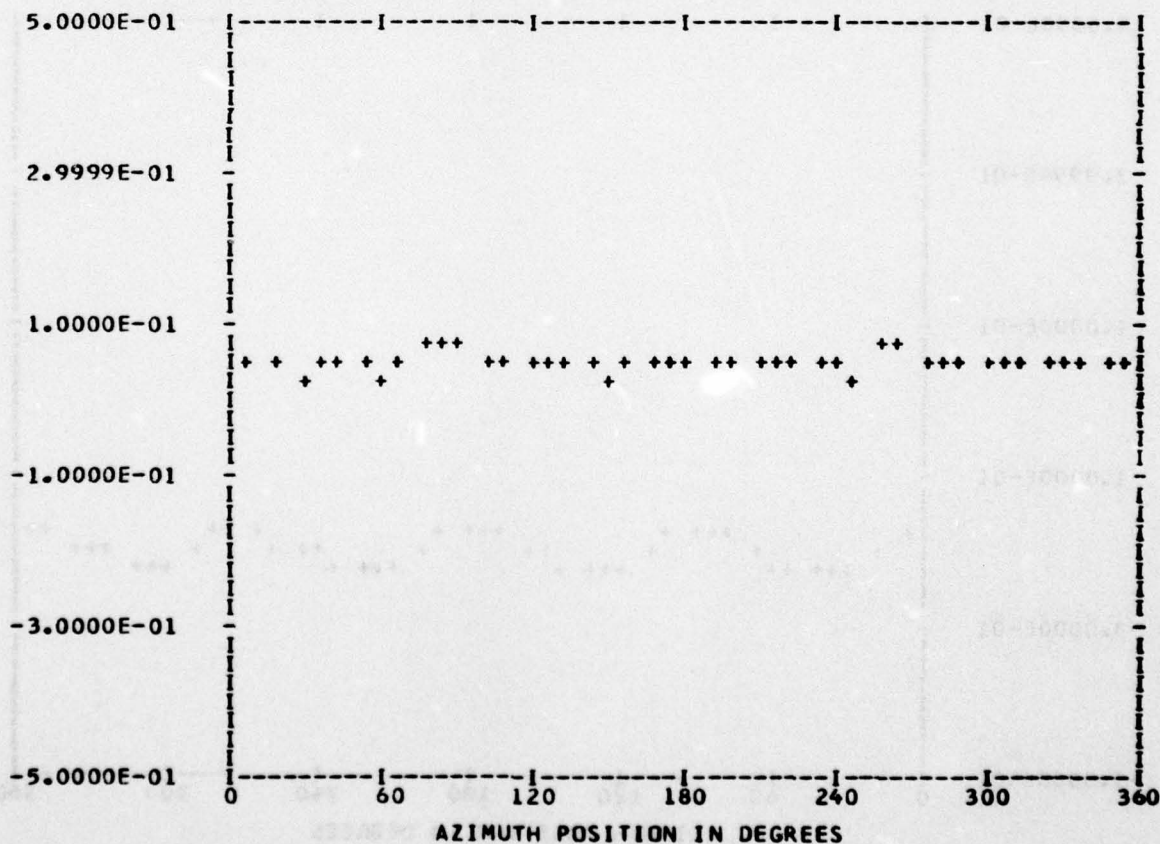
*** PS026.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 15
 TP 10
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.51246E-01	1	0.18002E-02	-0.42326E-03	0.18493E-02	103.2
	2	-0.34499E-02	-0.19752E-02	0.39754E-02	240.2
	3	-0.12605E-02	-0.16586E-02	0.20832E-02	217.2
	4	0.48330E-02	-0.45427E-02	0.66328E-02	133.2
	5	0.34028E-03	0.59855E-03	0.68852E-03	29.6
	6	0.27630E-03	0.30453E-02	0.30578E-02	5.1
	7	-0.60475E-04	0.12745E-02	0.12760E-02	357.2
	8	0.63376E-03	-0.48858E-02	0.49268E-02	172.6
	9	0.15350E-02	-0.51054E-03	0.16176E-02	108.3
	10	0.16360E-02	0.10443E-02	0.19409E-02	57.4

MAX= 0.73232E-01 MIN= 0.31066E-01 PEAK TO PEAK/2= 0.21083E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

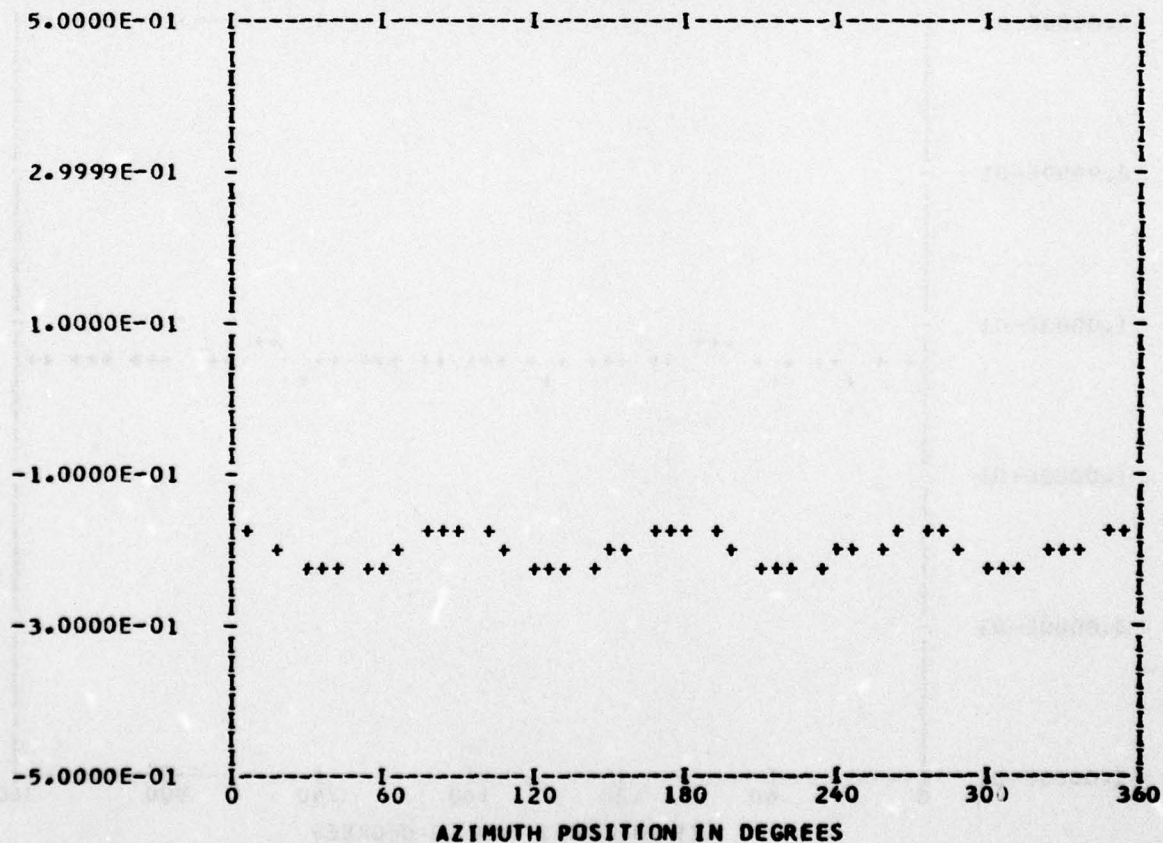
*** PS004.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 16
 TP 1
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20148E 00	1	0.45964E-03	-0.64466E-03	0.79174E-03	144.5
	2	0.41282E-03	-0.24695E-02	0.25037E-02	170.5
	3	-0.52899E-03	-0.43812E-02	0.44130E-02	186.8
	4	0.19188E-01	-0.14124E-01	0.23826E-01	126.3
	5	0.11502E-02	0.44613E-04	0.11511E-02	87.7
	6	0.21926E-03	-0.39968E-03	0.45588E-03	151.2
	7	0.12382E-02	-0.12828E-02	0.17829E-02	136.0
	8	0.57835E-02	-0.10682E-02	0.58813E-02	100.4
	9	0.65493E-03	-0.82062E-03	0.10499E-02	141.4
	10	0.97321E-04	-0.93075E-04	0.13466E-03	133.7

MAX=-0.16953E 00 MIN=-0.23176E 00 PEAK TO PEAK/2= 0.31114E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

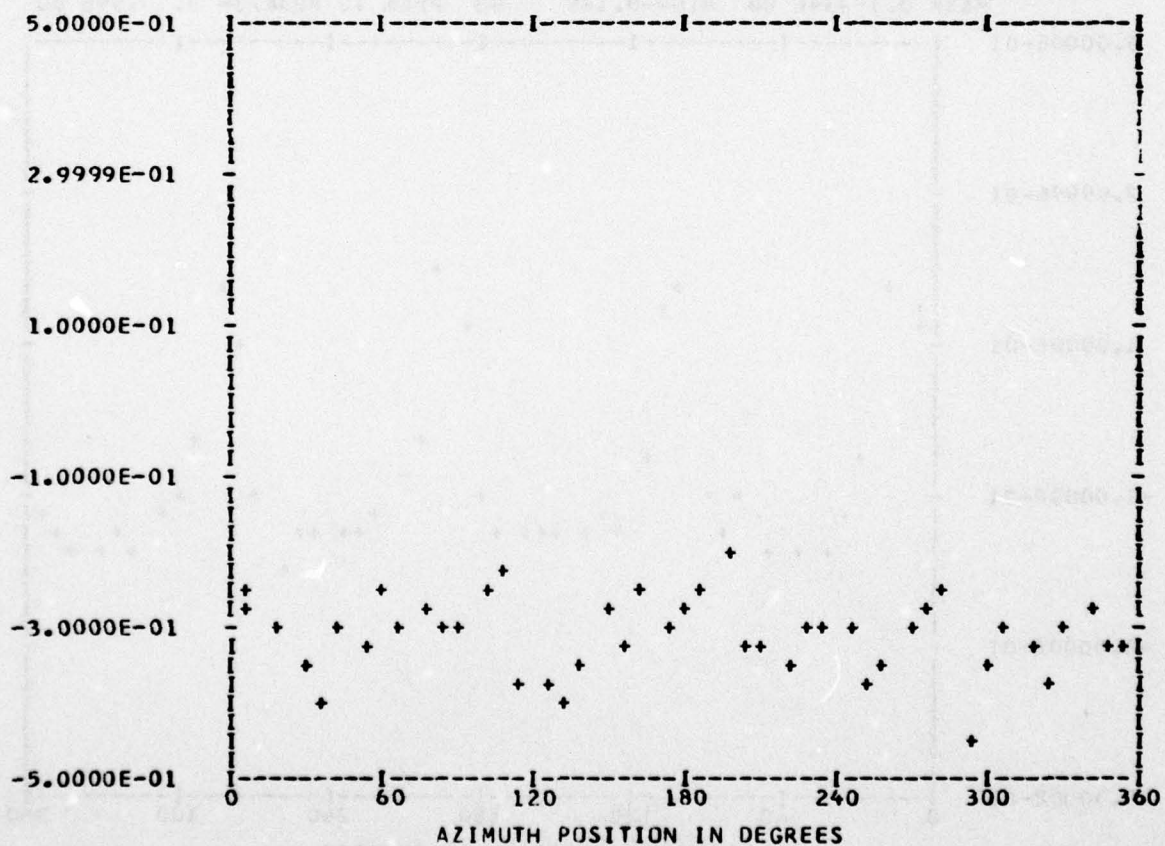
*** PS013.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 1
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.31157E 00	1	-0.46546E-02	0.91401E-02	0.10257E-01	333.0
	2	0.14015E-01	0.57808E-02	0.15161E-01	67.5
	3	-0.16035E-01	-0.82378E-02	0.18027E-01	242.8
	4	0.20909E-01	-0.24622E-01	0.32303E-01	139.6
	5	-0.25703E-02	0.67682E-03	0.26579E-02	284.7
	6	-0.28041E-02	-0.48875E-02	0.56348E-02	209.8
	7	0.80990E-02	-0.20400E-02	0.83519E-02	104.1
	8	0.31318E-01	0.69151E-02	0.32072E-01	77.5
	9	-0.15545E-01	-0.12602E-02	0.15596E-01	265.3
	10	-0.25419E-02	0.13103E-01	0.13347E-01	349.0

MAX=-0.20326E 00 MIN=-0.45357E 00 PEAK TO PEAK/2= 0.12515E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

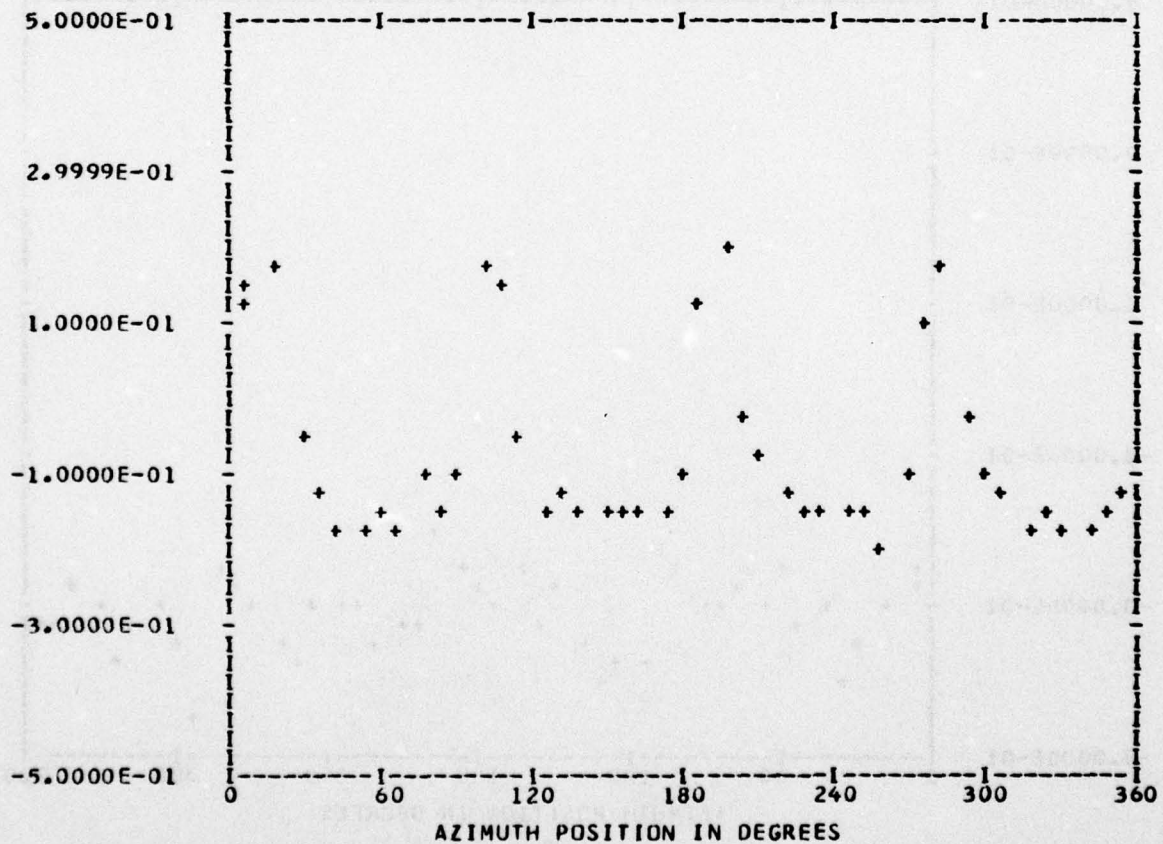
*** PS013.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BandedGE 0

RUN 16
 TP 1
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.72735E-01	1	0.29051E-02	0.31781E-02	0.43059E-02	42.4
	2	0.79928E-02	0.20897E-02	0.82615E-02	75.3
	3	0.77161E-02	-0.34489E-02	0.84519E-02	114.0
	4	0.13066E 00	0.30210E-01	0.13410E 00	76.9
	5	0.72327E-02	-0.32073E-02	0.79119E-02	113.9
	6	0.60095E-02	0.42181E-02	0.73421E-02	54.9
	7	0.73569E-02	0.27983E-02	0.78712E-02	69.1
		0.77128E-01	0.25006E-01	0.12086E-01	10.9
		-0.9170E-02	0.1333E-01	0.1333E-01	10.9
		-0.57626E-02	-0.1333E-02	0.5904E-02	10.9

MAX= 0.19334E 00 MIN=-0.18914E 00 PEAK TO PEAK/2= 0.19459E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

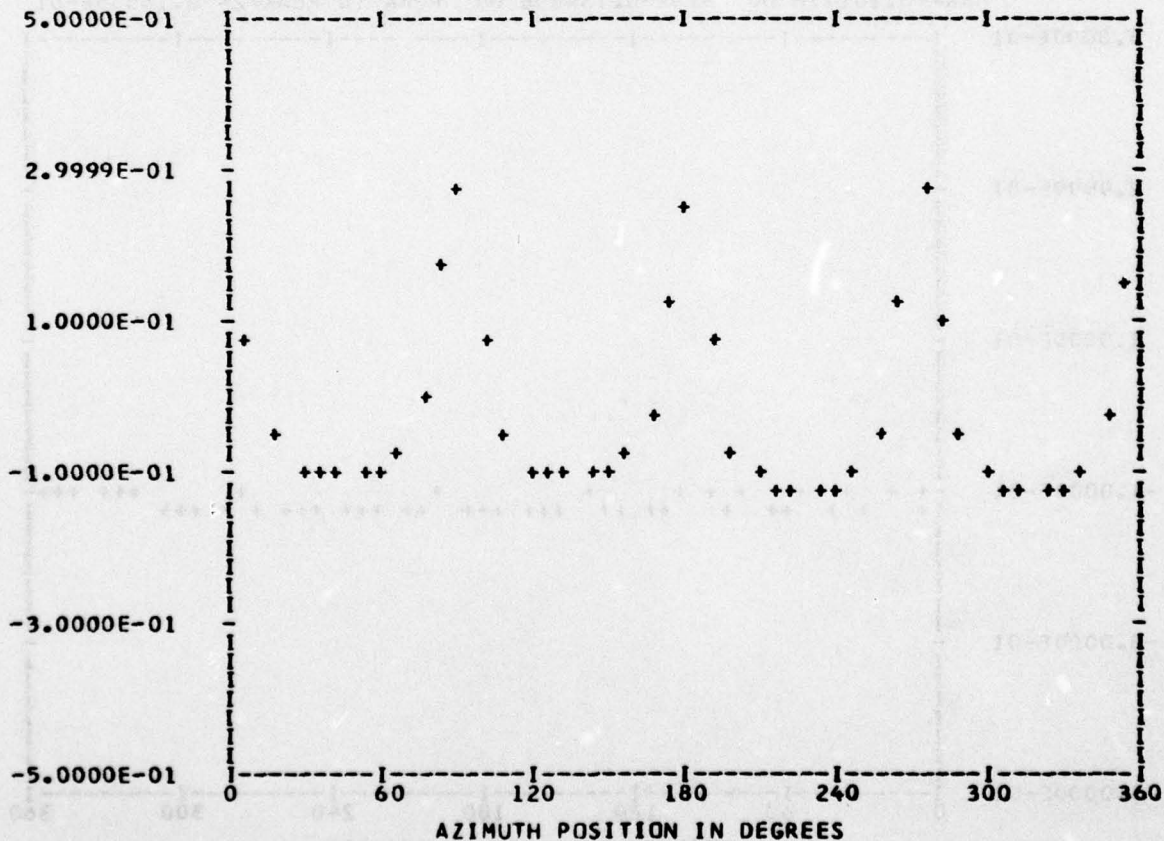
*** PS013.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 1
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22675E-01	1	0.44056E-02	0.96765E-02	0.10632E-01	24.4
	2	-0.46931E-02	-0.14472E-02	0.49112E-02	252.8
	3	-0.99180E-03	0.59978E-03	0.11590E-02	301.1
	4	0.14763E-00	-0.22786E-01	0.14937E-00	98.7
	5	0.74223E-02	-0.22247E-02	0.77485E-02	106.6
	6	-0.18191E-02	-0.13179E-02	0.22464E-02	234.0
	7	-0.11449E-02	0.95362E-03	0.14900E-02	309.7
	8	0.78339E-01	-0.23345E-01	0.81744E-01	106.5
	9	0.54007E-02	-0.38699E-02	0.66441E-02	125.6
	10	-0.23950E-03	-0.38837E-03	0.45628E-03	211.6

MAX= 0.29714E 00 MIN=-0.12598E 00 PEAK TO PEAK/2= 0.21156E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

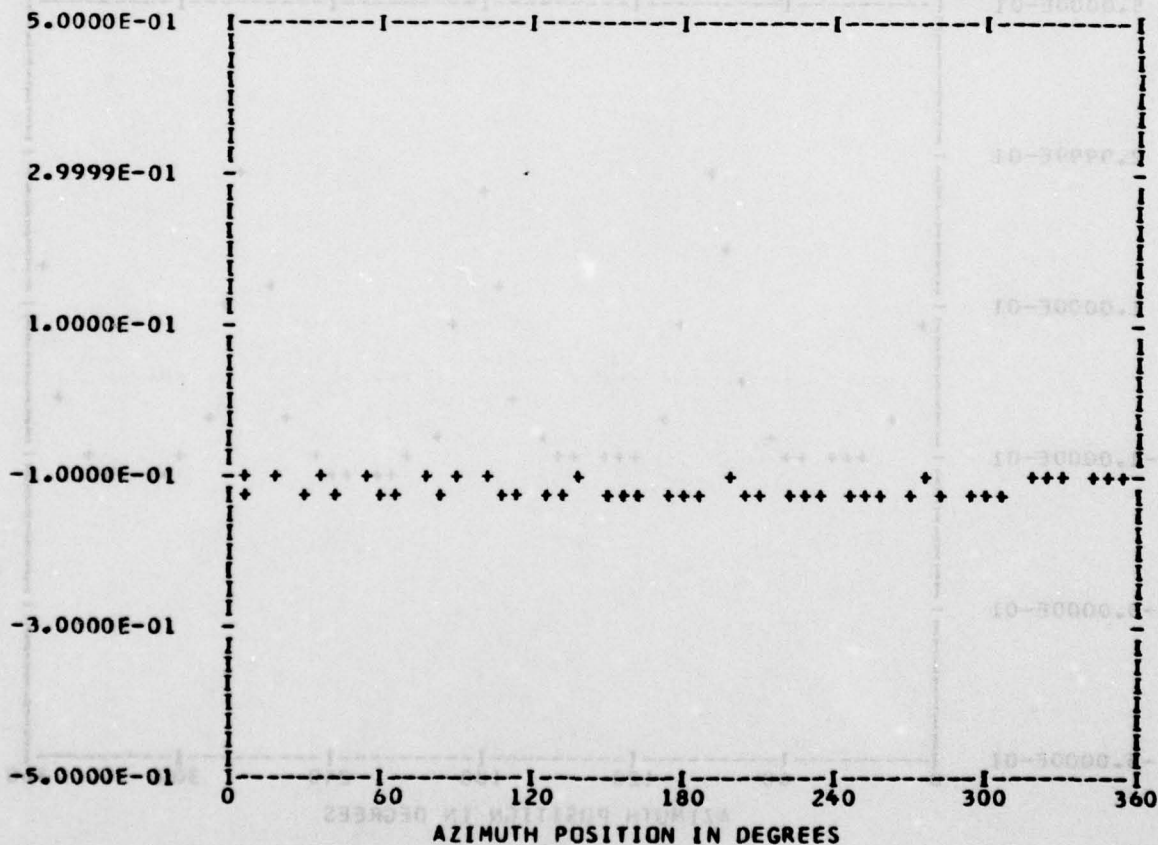
*** PS015.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BandedGE 0

RUN 16
 TP 1
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11659E 00					
	1	0.47164E-02	-0.45755E-03	0.47385E-02	95.5
	2	0.21435E-02	-0.95034E-03	0.23447E-02	113.9
	3	-0.11567E-02	-0.27961E-02	0.30259E-02	202.4
	4	0.15254E-02	-0.20589E-02	0.25624E-02	143.4
	5	-0.58142E-03	0.79767E-03	0.98708E-03	323.9
	6	-0.14372E-02	0.14070E-02	0.20113E-02	314.3
	7	0.19341E-03	-0.19638E-02	0.19733E-02	174.3
	8	0.39542E-02	-0.14836E-02	0.42234E-02	110.5
	9	0.24669E-04	-0.14441E-02	0.14443E-02	179.0
	10	0.49942E-04	0.46506E-03	0.46773E-03	6.1

MAX=-0.10177E 00 MIN=-0.13489E 00 PEAK TO PEAK/2= 0.16558E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

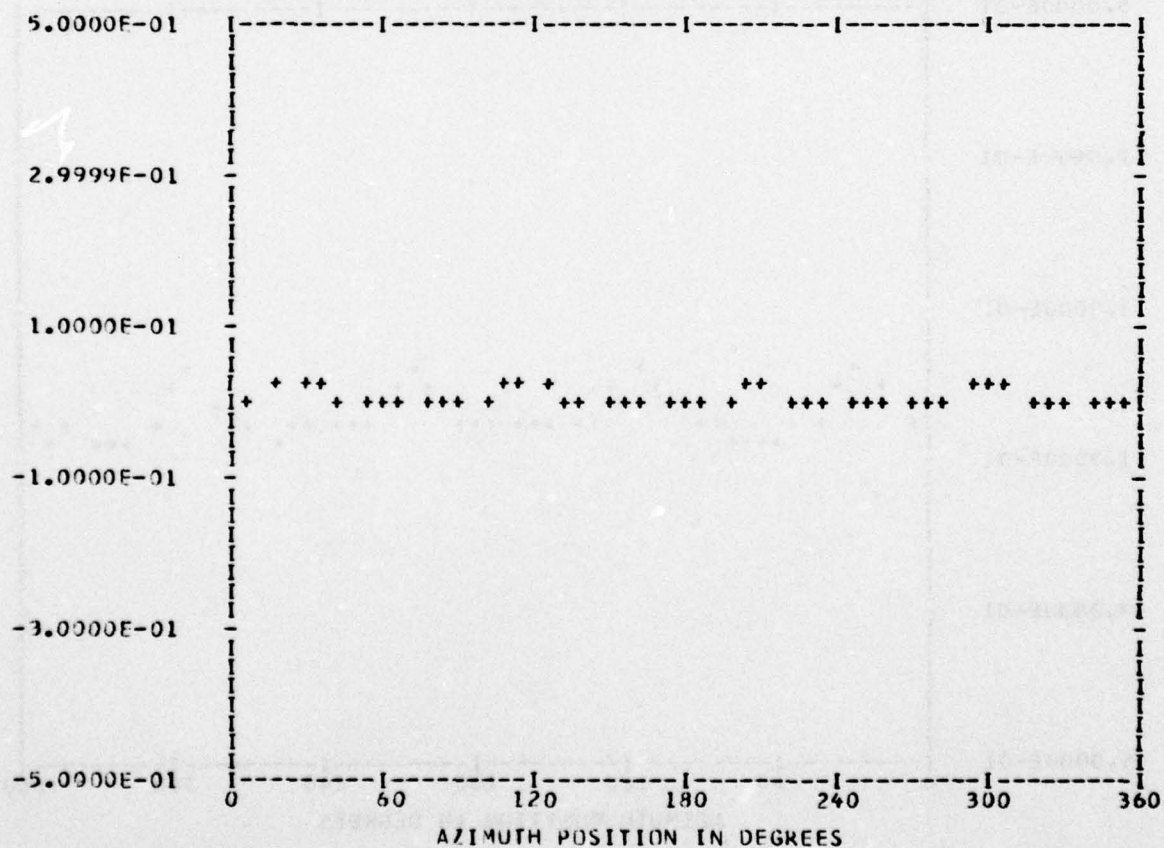
*** PS017.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 1
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.57237E-02	1	0.48969E-03	0.15628E-02	0.16377E-02	17.3
	2	0.64611E-03	0.36769E-03	0.74341E-03	60.3
	3	0.71335E-03	-0.71796E-03	0.10121E-02	135.1
	4	-0.52010E-03	0.11741E-01	0.11753E-01	357.4
	5	-0.23552E-04	0.10971E-03	0.11221E-03	347.8
	6	-0.54581E-03	-0.84713E-03	0.10077E-02	212.7
	7	0.76502E-03	-0.62356E-03	0.98695E-03	129.1
	8	-0.18538E-02	0.58450E-03	0.19437E-02	287.5
	9	0.75511E-04	-0.77009E-03	0.77378E-03	174.3
	10	-0.54009E-03	-0.72874E-03	0.90706E-03	216.5

MAX= 0.25036E-01 MIN=-0.71097E-02 PEAK TO PEAK/2= 0.16073E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

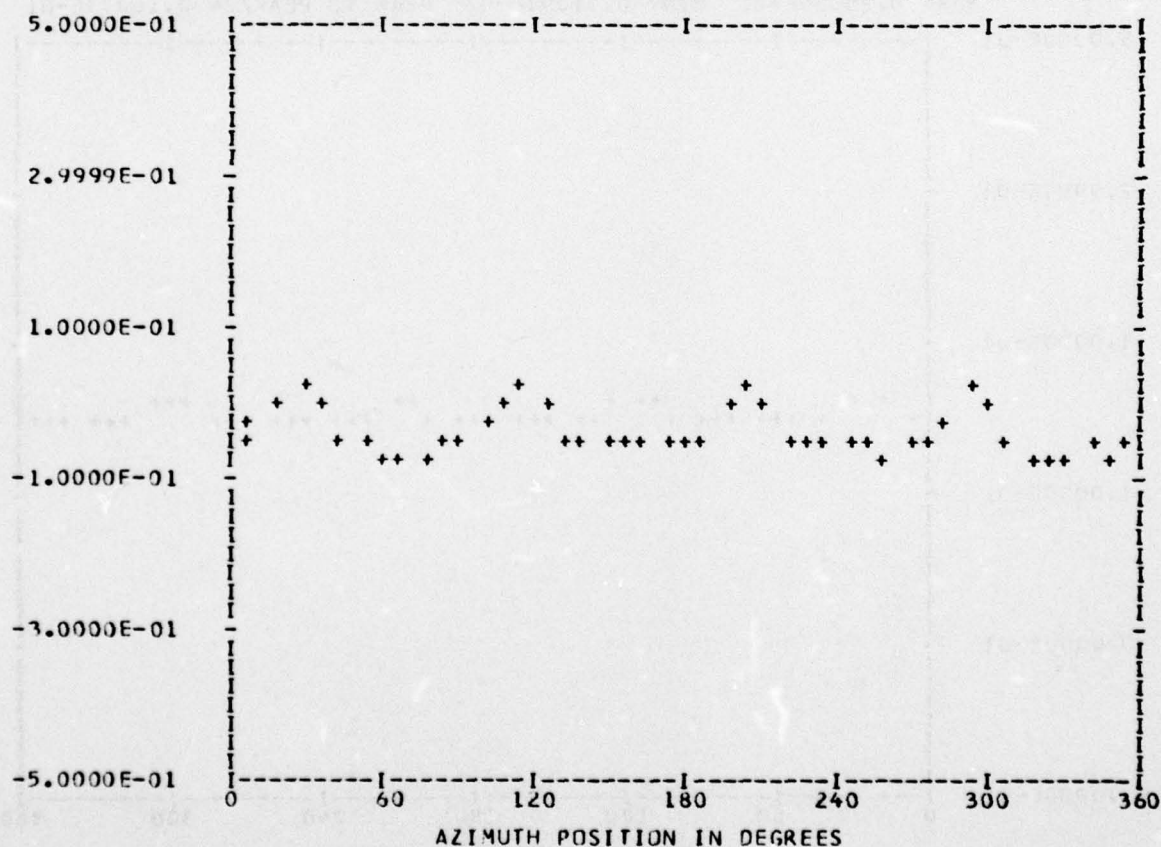
*** PS017.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 45
OUT OF RANGE 0
BANDEDGE 0

RUN 16
TP 1
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.38383E-01	1	-0.16617E-02	0.18612E-02	0.24951E-02	318.2
	2	0.68089E-03	0.23113E-03	0.71905E-03	71.2
	3	0.41217E-02	0.10899E-02	0.42634E-02	75.1
	4	0.18157E-01	0.32897E-01	0.37575E-01	28.8
	5	-0.15353E-02	-0.92784E-03	0.17939E-02	238.8
	6	-0.10105E-02	-0.11993E-02	0.15683E-02	220.1
	7	-0.12982E-02	0.48751E-03	0.13868E-02	290.5
	8	-0.12293E-01	0.14967E-01	0.19368E-01	320.6
	9	0.57403E-03	-0.25369E-02	0.26010E-02	167.2
	10	-0.42876E-03	-0.98878E-03	0.10777E-02	203.4

MAX= 0.36277E-01 MIN=-0.69085E-01 PEAK TO PEAK/2= 0.52681E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

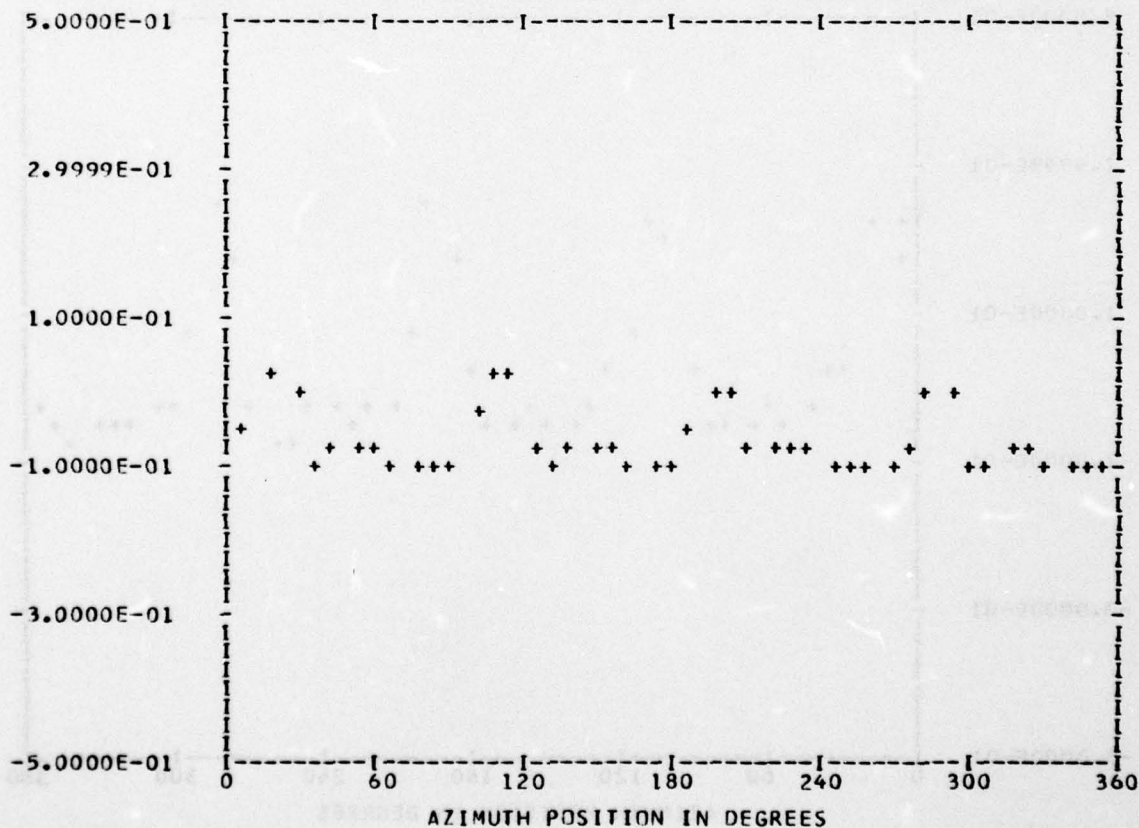
*** PS017.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BandedGE 0

RUN 16
 TP 1
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.67288E-01	1	-0.55731E-04	0.77691E-02	0.77693E-02	359.5
	2	0.23114E-02	0.24065E-03	0.23239E-02	84.0
	3	0.24595E-02	-0.72459E-03	0.25640E-02	106.4
	4	0.28898E-01	0.26419E-01	0.39155E-01	47.5
	5	-0.33837E-02	0.18212E-02	0.38427E-02	298.2
	6	-0.17905E-02	-0.74708E-03	0.19401E-02	247.3
	7	0.34534E-02	0.33620E-02	0.48197E-02	45.7
	8	0.15712E-01	0.27059E-01	0.31290E-01	30.1
	9	-0.34225E-02	-0.43420E-02	0.55287E-02	218.2
	10	-0.18419E-02	-0.27449E-02	0.33056E-02	213.8

MAX= 0.31081E-01 MIN=-0.11117E 00 PEAK TO PEAK/2= 0.71129E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

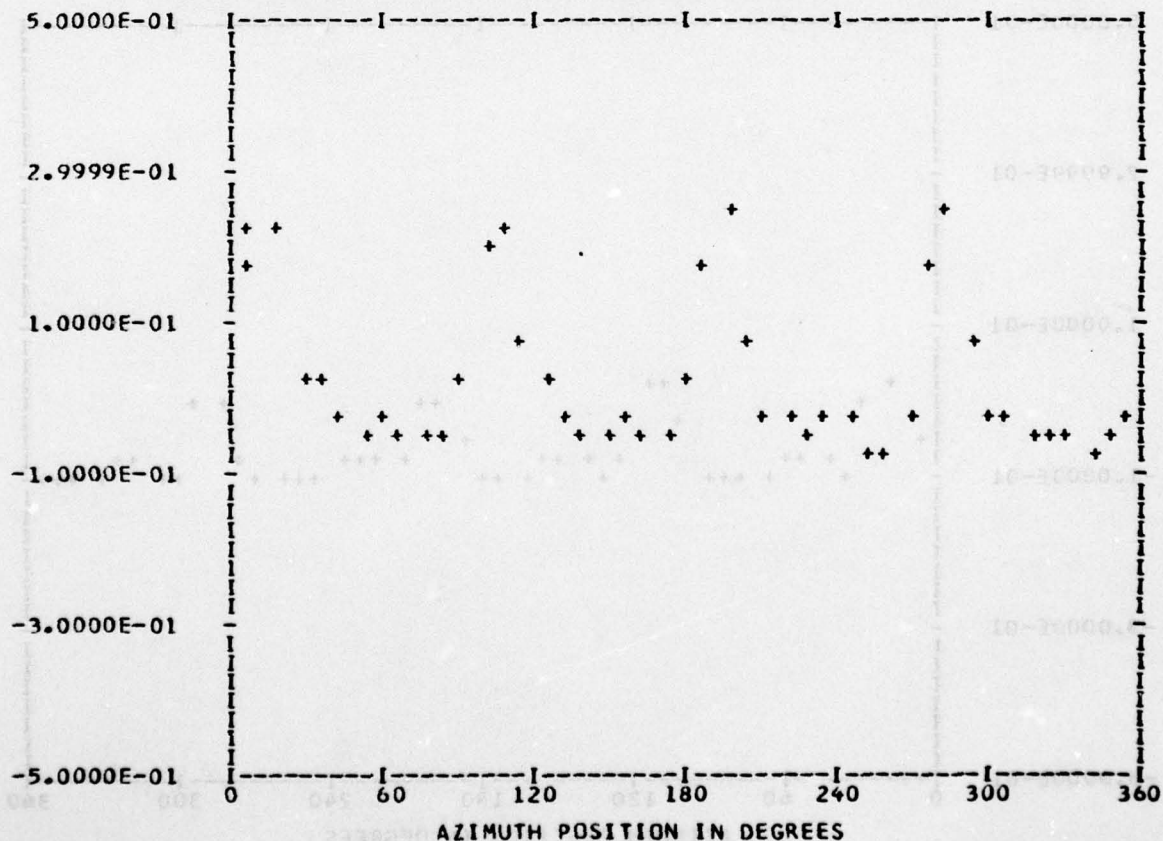
*** PS017.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEGE 0

RUN 16
 TP 1
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24956E-01	1	0.49493E-02	0.80914E-02	0.94851E-02	31.4
	2	0.82604E-02	0.31978E-02	0.88578E-02	68.8
	3	0.10677E-01	0.16670E-02	0.10807E-01	81.1
	4	0.11089E 00	0.30622E-01	0.11504E 00	74.5
	5	-0.26262E-02	-0.28390E-03	0.26415E-02	263.8
	6	0.23986E-02	-0.42527E-02	0.48825E-02	150.5
	7	0.78000E-02	0.20608E-02	0.80677E-02	75.2
	8	0.66668E-01	0.17389E-01	0.68899E-01	75.3
	9	-0.98224E-02	-0.82508E-02	0.12827E-01	229.9
	10	-0.63294E-03	-0.20963E-02	0.21898E-02	196.8

MAX= 0.24205E 00 MIN=-0.66602E-01 PEAK TO PEAK/2= 0.15432E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

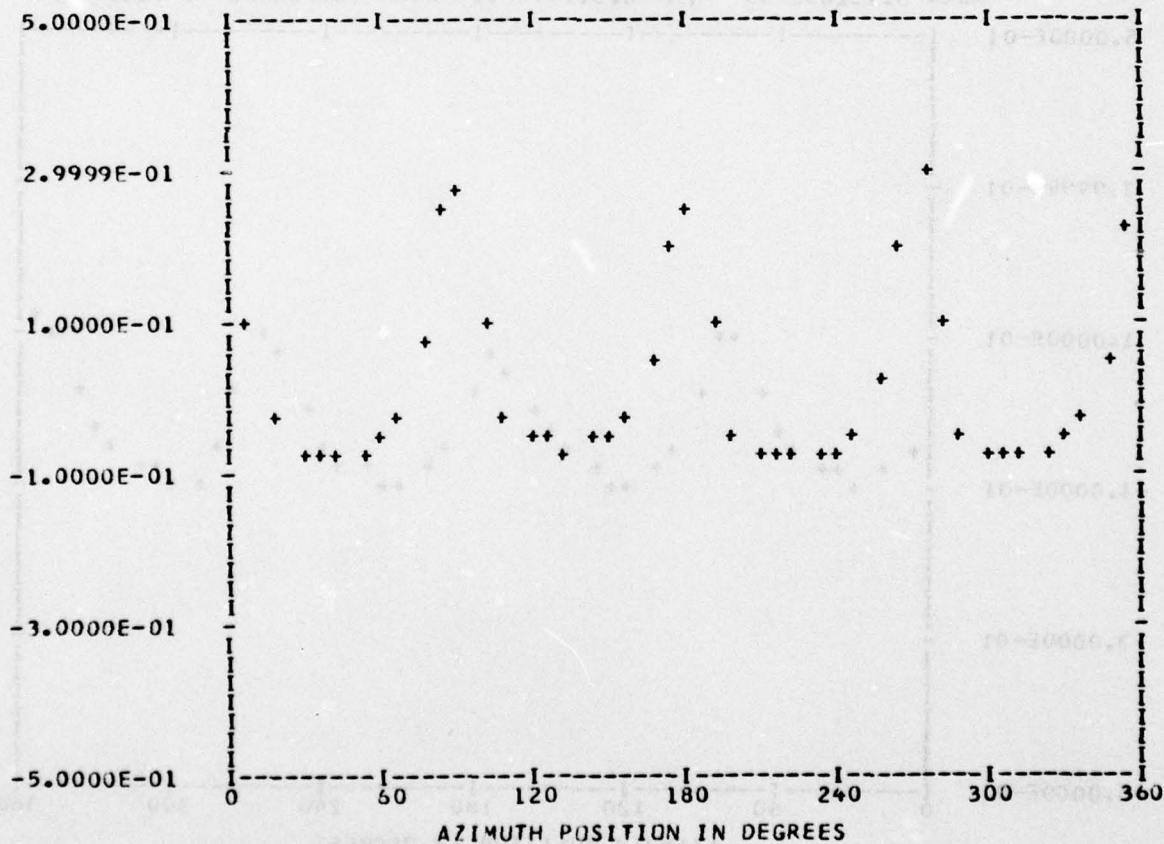
*** PS017.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 1
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24416E-01	1	0.69242E-02	0.75870E-02	0.10271E-01	42.3
	2	-0.87123E-03	-0.97702E-03	0.13090E-02	221.7
	3	0.20072E-02	-0.88880E-03	0.21952E-02	113.8
	4	0.14073E-00	-0.47380E-01	0.14849E-00	108.6
	5	0.80111E-02	-0.28651E-02	0.85081E-02	109.6
	6	0.75648E-04	-0.12418E-02	0.12441E-02	176.5
	7	0.93252E-03	-0.58585E-03	0.11012E-02	122.1
	8	0.67705E-01	-0.39541E-01	0.78406E-01	120.2
	9	0.43383E-02	-0.40696E-02	0.59484E-02	133.1
	10	0.50847E-03	-0.47977E-03	0.69909E-03	133.3

MAX= 0.33408E 00 MIN=-0.77692E-01 PEAK TC PEAK/2= 0.20589E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

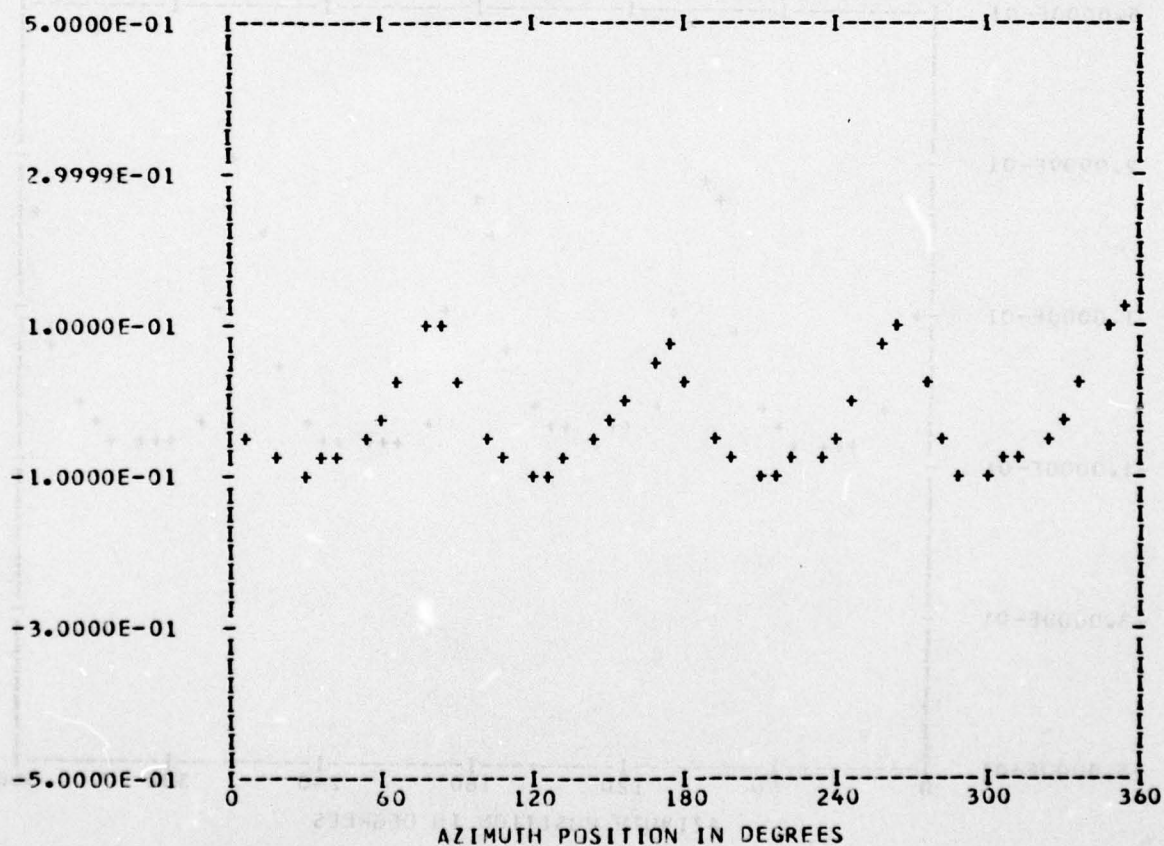
*** PS017.6 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 1
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.24397E-01	1	0.99570E-02	0.15443E-02	0.10076E-01	81.1
	2	0.34112E-02	-0.15894E-02	0.37633E-02	114.9
	3	0.21528E-02	-0.55702E-02	0.59717E-02	158.8
	4	0.40491E-01	-0.77925E-01	0.87817E-01	152.5
	5	0.35341E-02	-0.61750E-02	0.71148E-02	150.2
	6	0.17173E-03	-0.47096E-03	0.50129E-03	159.9
	7	0.96954E-03	-0.26631E-02	0.28341E-02	159.9
	8	-0.76595E-02	-0.30720E-01	0.31661E-01	193.9
	9	-0.16725E-02	-0.34025E-02	0.37914E-02	206.1
	10	0.13559E-02	-0.12450E-02	0.18408E-02	132.5

MAX= 0.13163E 00 MIN=-0.91157E-01 PEAK TO PEAK/2= 0.11139E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

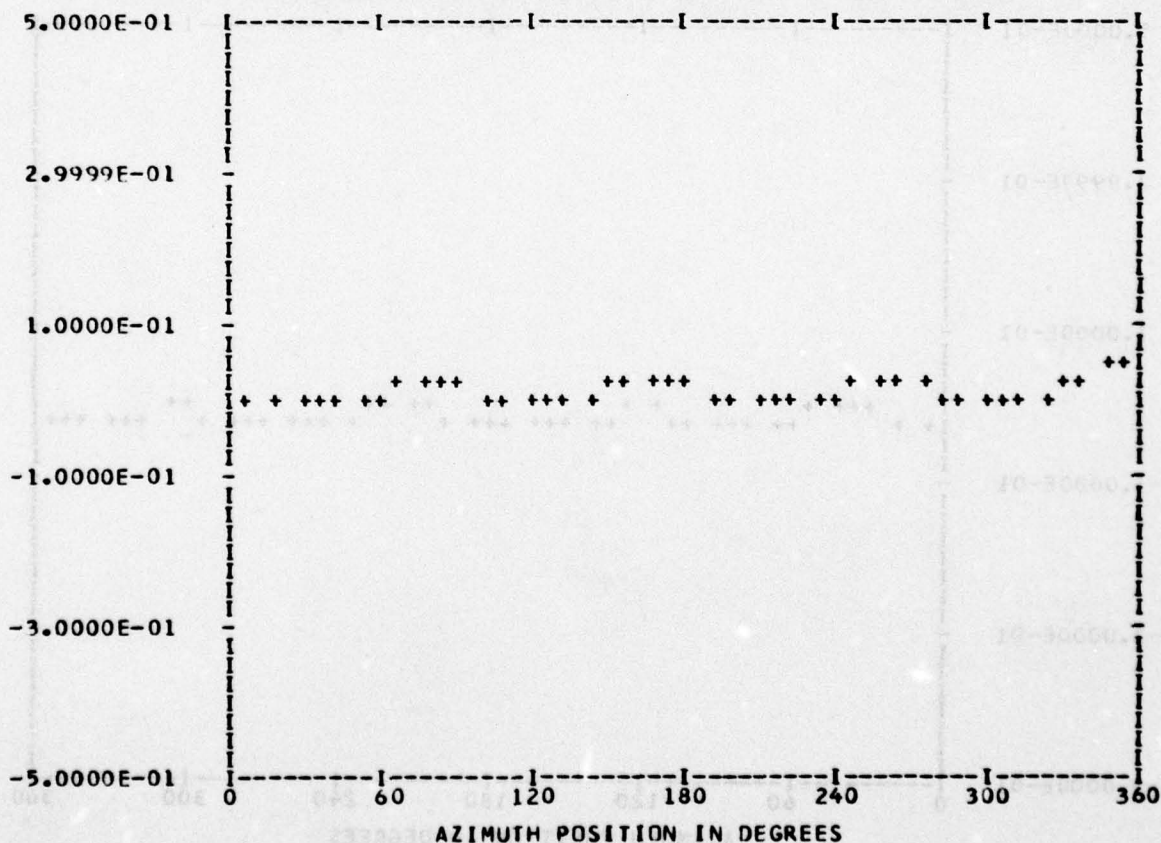
*** PS017.7 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 1
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.85452E-02	1	0.29063E-02	-0.10954E-02	0.31059E-02	110.6
	2	0.63751E-03	-0.23117E-02	0.23980E-02	164.5
	3	-0.11713E-02	-0.25745E-02	0.28285E-02	204.4
	4	0.53758E-02	-0.18798E-01	0.19552E-01	164.0
	5	0.10395E-02	-0.15022E-02	0.18268E-02	145.3
	6	-0.46442E-03	0.10298E-02	0.11296E-02	335.7
	7	0.14251E-02	-0.13894E-02	0.19904E-02	134.2
	8	-0.19433E-02	-0.59027E-02	0.62144E-02	198.2
	9	-0.25911E-03	-0.11301E-03	0.28268E-03	246.4
	10	0.47448E-03	-0.42003E-03	0.63368E-03	131.5

MAX= 0.39930E-01 MIN=-0.12466E-01 PEAK TO PEAK/2= 0.26198E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

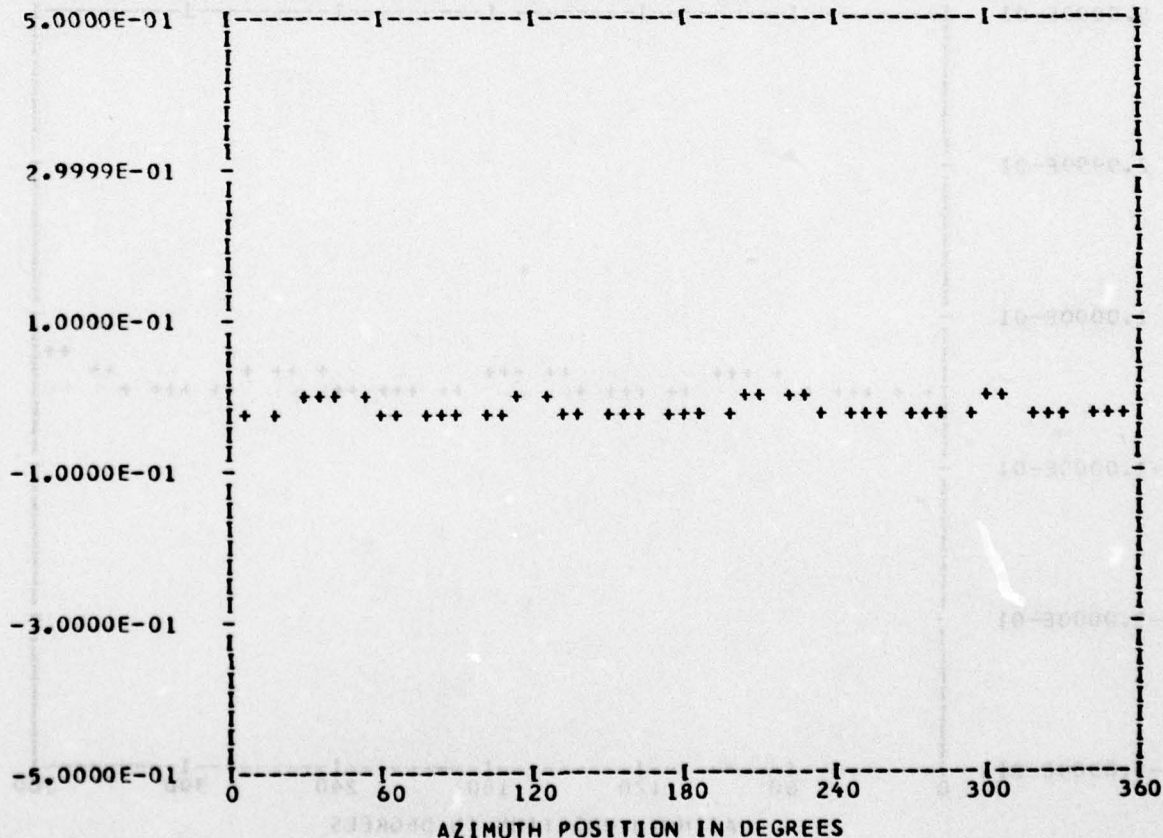
*** PS023.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 1
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.19789E-01	1	0.26506E-03	0.54418E-03	0.60530E-03	25.9
	2	0.44871E-03	0.91414E-03	0.10183E-02	26.1
	3	0.74753E-03	0.64454E-03	0.98703E-03	49.2
	4	-0.52459E-02	0.12562E-01	0.13614E-01	337.3
	5	-0.34243E-03	0.14901E-03	0.37344E-03	293.5
	6	-0.75519E-03	-0.10078E-02	0.12594E-02	216.8
	7	-0.92738E-04	-0.29020E-03	0.30466E-03	197.7
	8	-0.24699E-02	0.55757E-03	0.25321E-02	282.7
	9	-0.20696E-03	-0.11190E-02	0.11380E-02	190.4
	10	-0.55683E-03	-0.53459E-03	0.77192E-03	226.1

MAX= 0.46274E-03 MIN=-0.33906E-01 PEAK TO PEAK/2= 0.17184E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

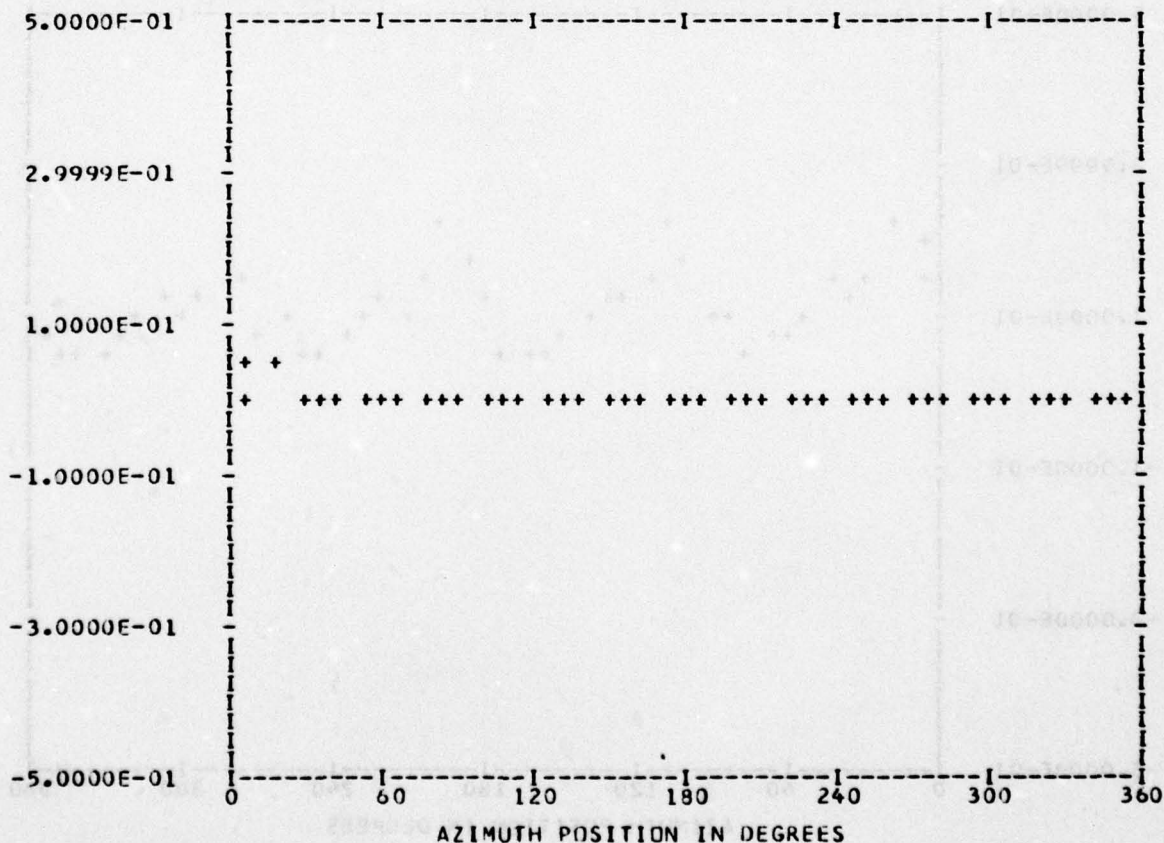
*** PS023.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 1
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.15601E-03	1	0.48327E-02	0.61723E-03	0.48720E-02	82.7
	2	0.45854E-02	0.11707E-02	0.47325E-02	75.6
	3	0.44667E-02	0.16667E-02	0.47675E-02	69.5
	4	0.41048E-02	0.20839E-02	0.46035E-02	63.0
	5	0.36483E-02	0.24740E-02	0.44081E-02	55.8
	6	0.30727E-02	0.28376E-02	0.41826E-02	47.2
	7	0.26168E-02	0.29650E-02	0.39546E-02	41.4
	8	0.22036E-02	0.30835E-02	0.37900E-02	35.5
	9	0.16424E-02	0.29602E-02	0.33853E-02	29.0
	10	0.11331E-02	0.29393E-02	0.31502E-02	21.0

MAX= 0.52228E-01 MIN=-0.27839E-02 PEAK TO PEAK/2= 0.27506E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

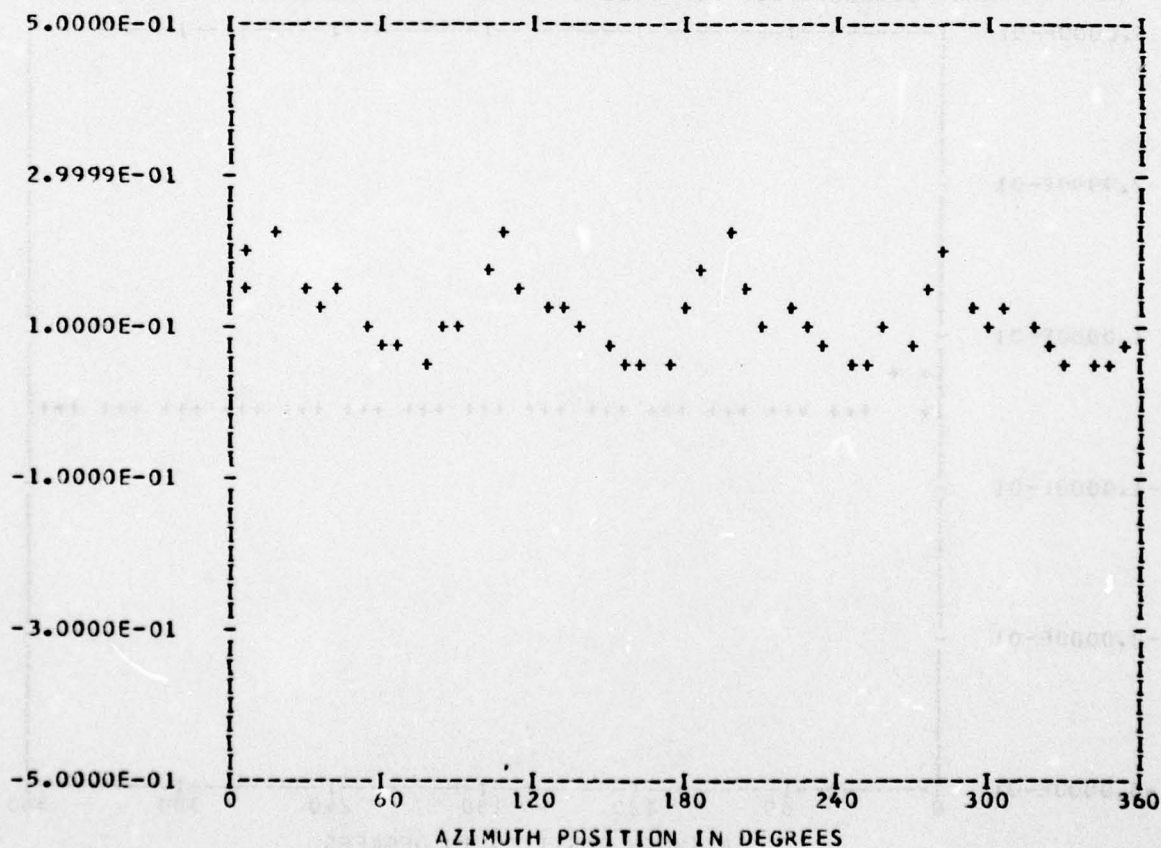
*** PS023.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 1
 CHAN 62

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.11219E 00					
	1	0.16417E-02	0.66580E-02	0.68574E-02	13.8
	2	0.22043E-02	0.54825E-02	0.59091E-02	21.9
	3	0.39015E-02	0.22421E-02	0.44999E-02	60.1
	4	0.48171E-01	0.33934E-01	0.58923E-01	54.8
	5	-0.26770E-02	0.16045E-02	0.31210E-02	300.9
	6	0.35283E-02	-0.41574E-03	0.35527E-02	96.7
	7	0.36321E-02	0.20473E-03	0.36379E-02	86.7
	8	0.25562E-01	-0.19668E-02	0.25638E-01	94.3
	9	-0.12900E-02	0.10807E-02	0.16829E-02	309.9
	10	0.13700E-02	-0.37509E-02	0.39933E-02	159.9

MAX= 0.22280E 00 MIN= 0.42651E-01 PEAK TO PEAK/2= 0.90077E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

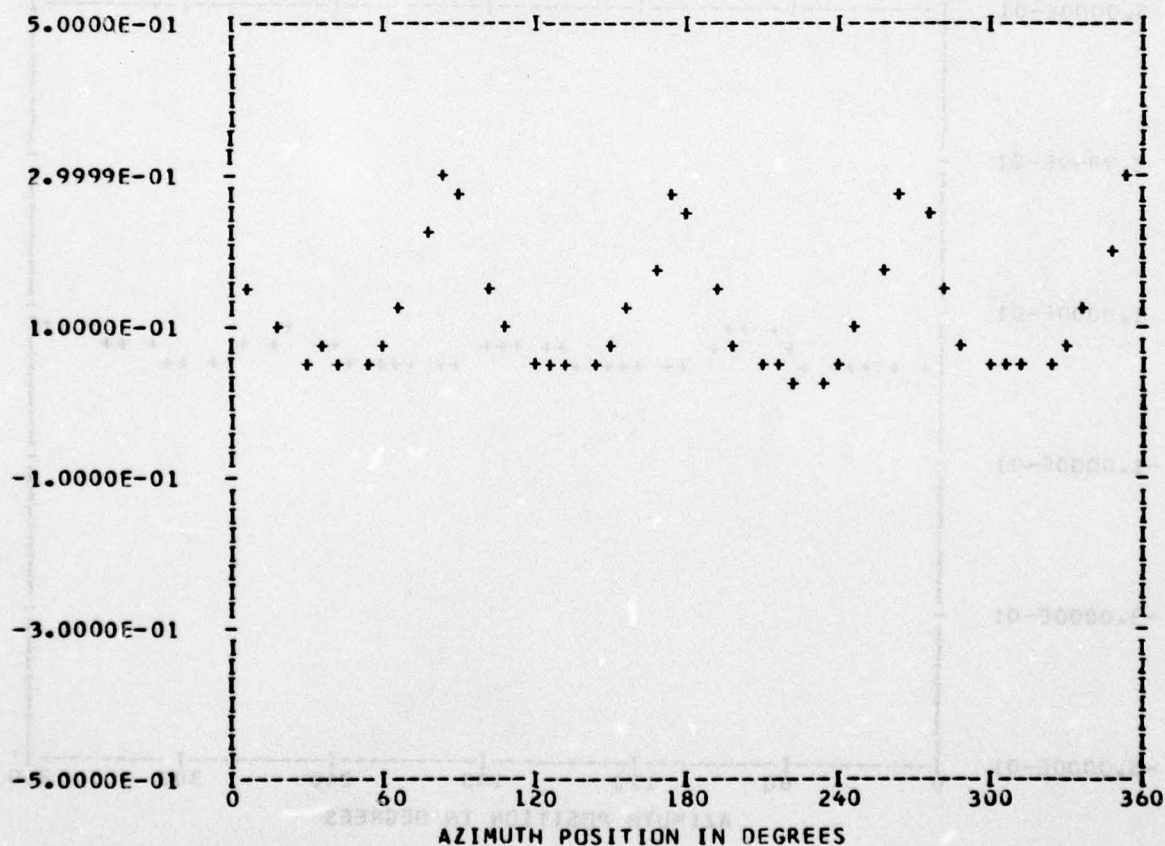
*** PS023.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 1
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.12487E 00	1	0.10854E-01	0.84041E-02	0.13727E-01	52.2
	2	0.17625E-02	-0.20332E-02	0.26908E-02	139.0
	3	0.96172E-03	-0.34741E-02	0.36047E-02	164.5
	4	0.97182E-01	-0.55305E-01	0.11181E 00	119.6
	5	0.75559E-02	-0.30376E-02	0.81437E-02	111.9
	6	0.61369E-03	-0.10314E-03	0.62230E-03	99.5
	7	0.16288E-02	-0.22765E-02	0.27992E-02	144.4
	8	0.20681E-01	-0.39043E-01	0.44183E-01	152.0
	9	0.10276E-02	-0.49435E-02	0.50492E-02	168.2
	10	0.91088E-03	-0.12520E-02	0.15483E-02	143.9

MAX= 0.31362E 00 MIN= 0.33270E-01 PEAK TO PEAK/2= 0.14017E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

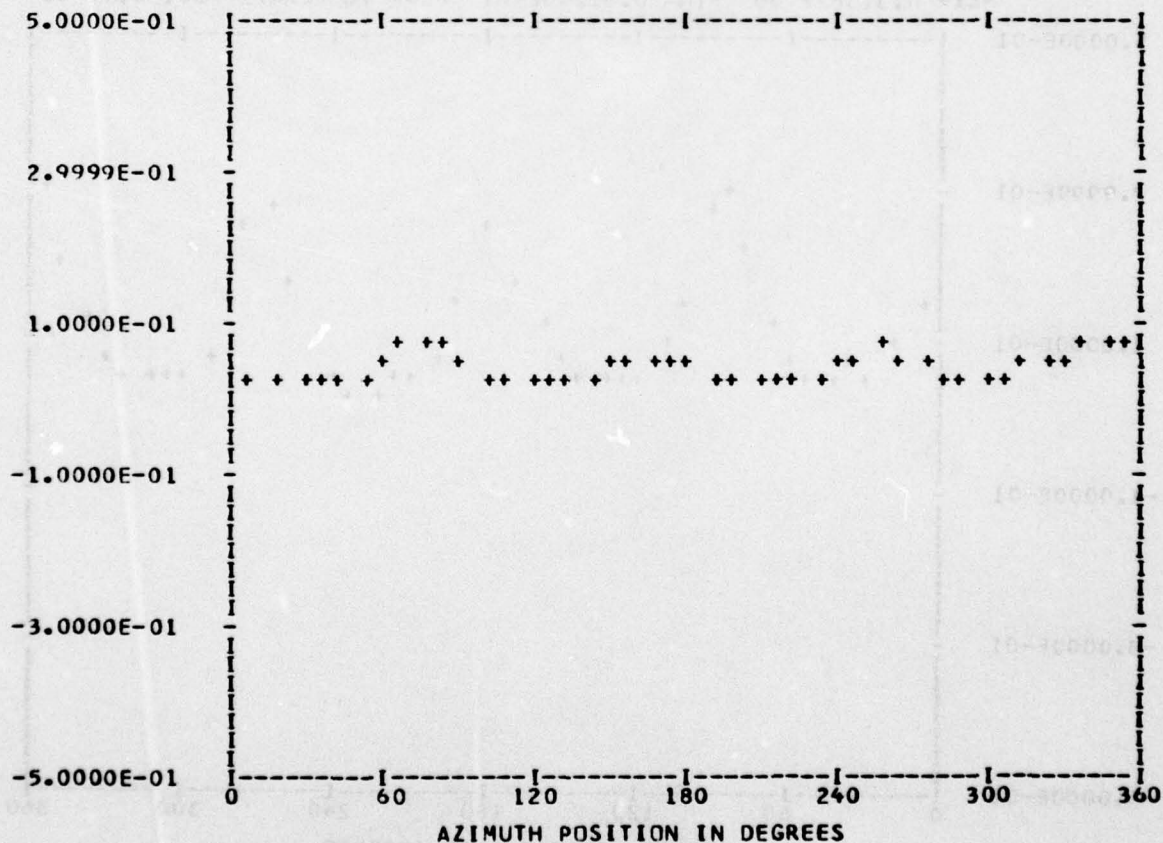
*** PS023.5 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 0

RUN 16
TP 1
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.40449E-01	1	0.54583E-02	-0.71296E-03	0.55046E-02	97.4
	2	0.99749E-03	-0.38172E-02	0.39454E-02	165.3
	3	-0.16767E-02	-0.30119E-02	0.34472E-02	209.1
	4	0.22573E-02	-0.25588E-01	0.25688E-01	174.9
	5	0.47352E-03	-0.26127E-02	0.26552E-02	169.7
	6	0.47364E-03	0.88991E-03	0.10081E-02	28.0
	7	0.77410E-03	-0.10989E-02	0.13442E-02	144.8
	8	-0.40209E-02	-0.47312E-02	0.62090E-02	220.3
	9	-0.37478E-03	-0.43922E-03	0.57739E-03	220.4
	10	0.22709E-03	-0.68569E-03	0.72232E-03	161.6

MAX= 0.83854E-01 MIN= 0.14036E-01 PEAK TO PEAK/2= 0.34909E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

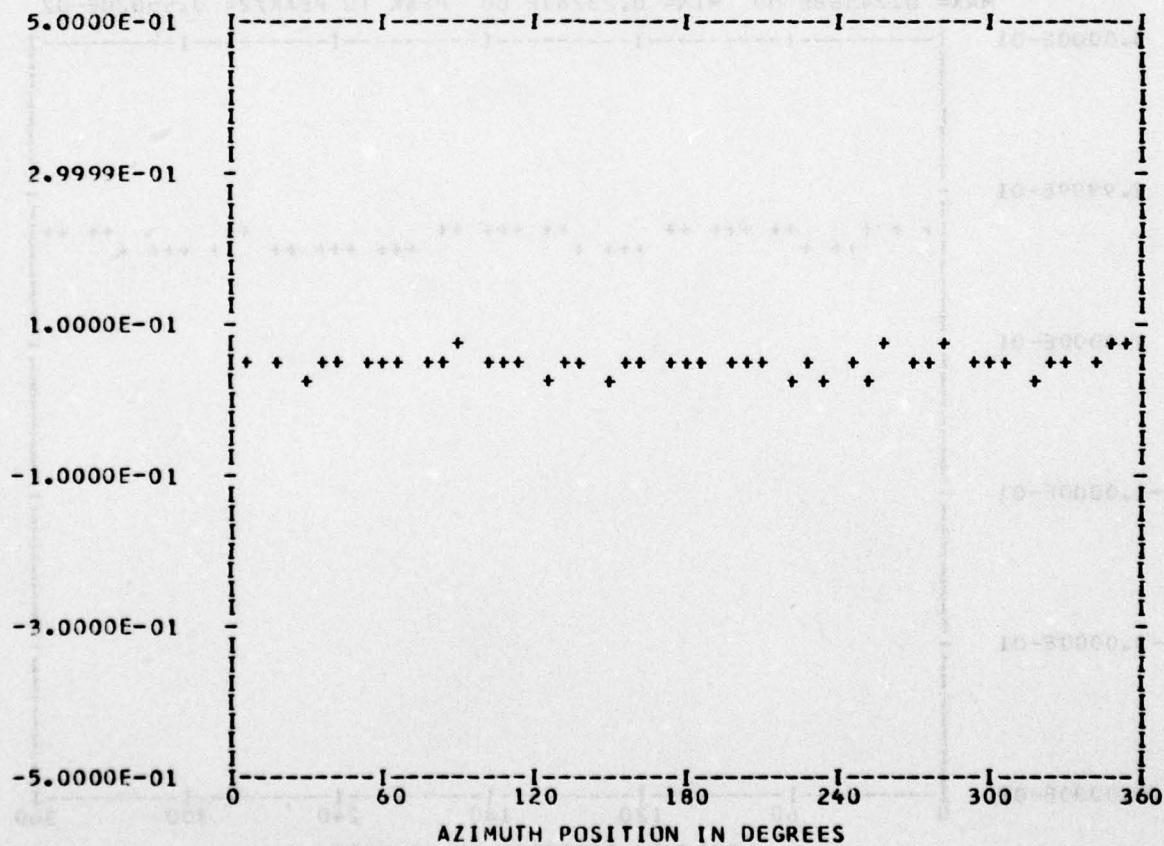
*** PS026.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BandedGE 0

RUN 16
 TP 1
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.47907E-01	1	0.22264E-02	0.41014E-03	0.22638E-02	79.5
	2	-0.20180E-03	-0.15303E-02	0.15436E-02	187.5
	3	-0.19005E-02	-0.30188E-02	0.35672E-02	212.1
	4	0.61996E-02	-0.67430E-02	0.91598E-02	137.4
	5	0.74999E-03	-0.21222E-02	0.22509E-02	160.5
	6	-0.16030E-02	-0.33773E-02	0.37384E-02	205.3
	7	-0.31762E-03	-0.23446E-02	0.23660E-02	187.7
	8	0.80736E-03	-0.13308E-02	0.15566E-02	148.7
	9	0.12290E-02	-0.26888E-03	0.12580E-02	102.3
	10	0.10402E-02	0.23105E-03	0.10655E-02	77.4

MAX= 0.68958E-01 MIN= 0.16394E-01 PEAK TO PEAK/2= 0.26282E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

```

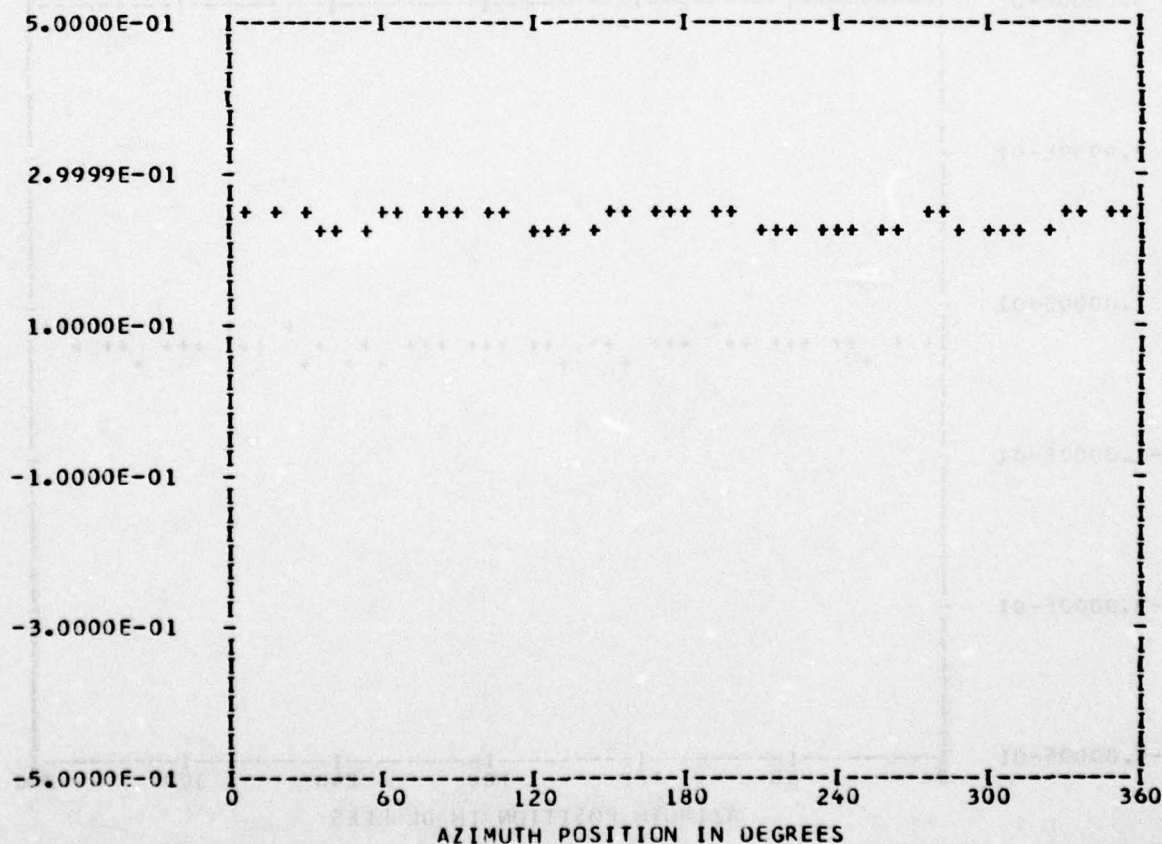
*** PS004.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 0

RUN 17
TP 1
CHAN 51

STEADY 0.23765E 00
HARM 1 COS COEFF 0.43616E-03 SIN COEFF 0.10999E-02 RES 0.11833E-02 PHASE 21.6
2 0.37249E-03 -0.27426E-04 0.37350E-03 94.2
3 -0.41601E-03 -0.45130E-03 0.61379E-03 222.6
4 0.27484E-02 -0.14197E-02 0.30935E-02 117.3
5 0.10332E-03 0.69357E-03 0.70123E-03 8.4
6 -0.39521E-03 -0.39268E-03 0.55713E-03 225.1
7 0.37436E-05 0.32244E-03 0.32247E-03 0.6
8 0.10178E-03 0.45788E-03 0.46905E-03 12.5
9 -0.19341E-03 0.23821E-03 0.30684E-03 320.9
10 -0.21533E-03 0.30857E-03 0.37628E-03 325.0
    
```

MAX= 0.24368E 00 MIN= 0.23267E 00 PEAK TO PEAK/2= 0.55020E-02



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

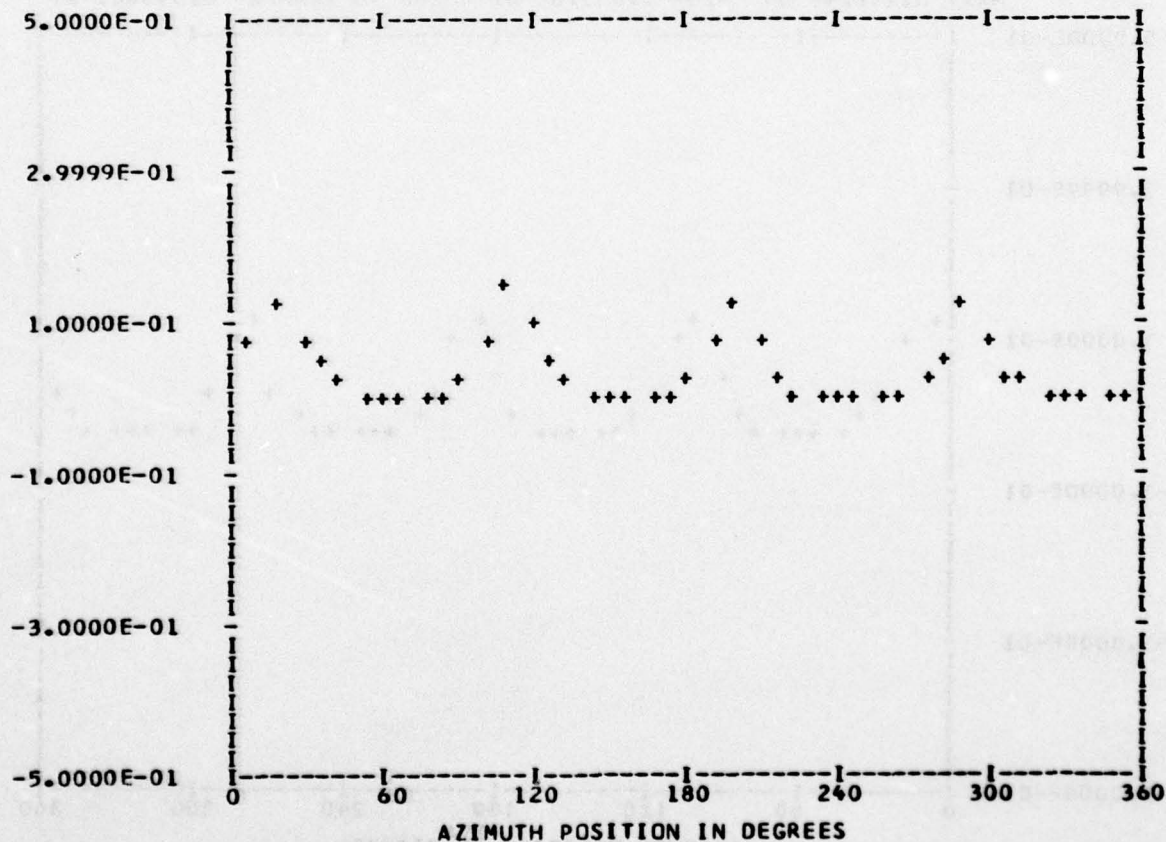
*** PS013.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 17
 TP 1
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.31181E-01	1	0.11464E-02	0.23985E-02	0.26584E-02	25.5
	2	-0.40957E-03	-0.17044E-03	0.44362E-03	247.4
	3	0.21764E-02	-0.14320E-02	0.26052E-02	123.3
	4	0.35881E-01	0.42658E-01	0.55742E-01	40.0
	5	-0.74096E-03	0.17321E-02	0.18839E-02	336.8
	6	0.78279E-03	0.30882E-05	0.78280E-03	89.7
	7	0.10309E-02	-0.47519E-03	0.11352E-02	114.7
	8	0.27878E-03	0.24633E-01	0.24635E-01	0.6
	9	-0.81362E-03	0.45087E-03	0.93020E-03	298.9
	10	0.79284E-03	0.22005E-03	0.82281E-03	74.4

MAX= 0.14362E 00 MIN=-0.94657E-02 PEAK TO PEAK/2= 0.76544E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

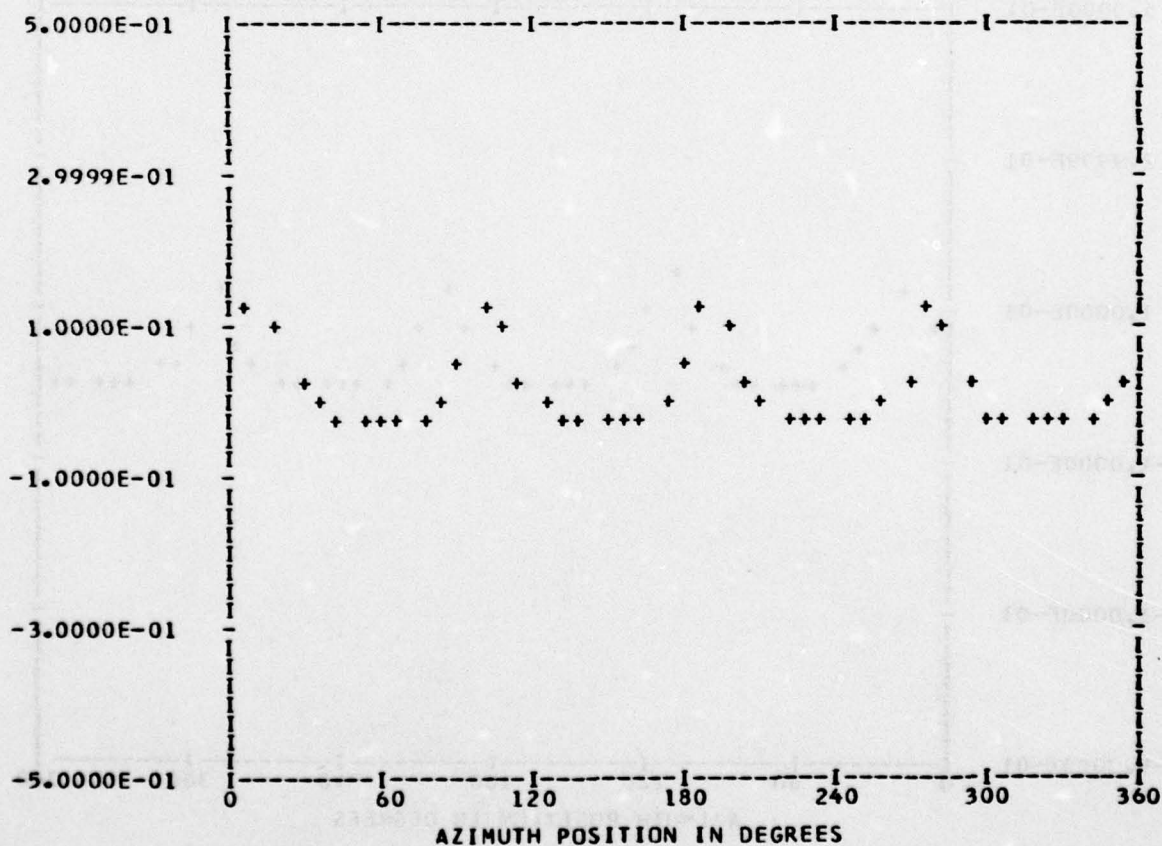
*** PS013.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 1
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.14551E-01	1	0.39404E-02	0.25501E-02	0.46936E-02	57.0
	2	0.50809E-02	-0.40557E-03	0.50970E-02	94.5
	3	0.79865E-02	-0.18019E-02	0.81873E-02	102.7
	4	0.66817E-01	0.26946E-02	0.66871E-01	87.6
	5	-0.28882E-02	0.19419E-02	0.34803E-02	303.9
	6	0.52869E-03	-0.12475E-02	0.13549E-02	157.0
	7	0.43878E-02	-0.87298E-03	0.44738E-02	101.2
	8	0.31505E-01	-0.17934E-02	0.31556E-01	93.2
	9	-0.47489E-02	0.14464E-02	0.49643E-02	286.9
	10	-0.22878E-02	-0.12634E-02	0.26135E-02	241.0

MAX= 0.13624E 00 MIN=-0.33376E-01 PEAK TO PEAK/2= 0.84808E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

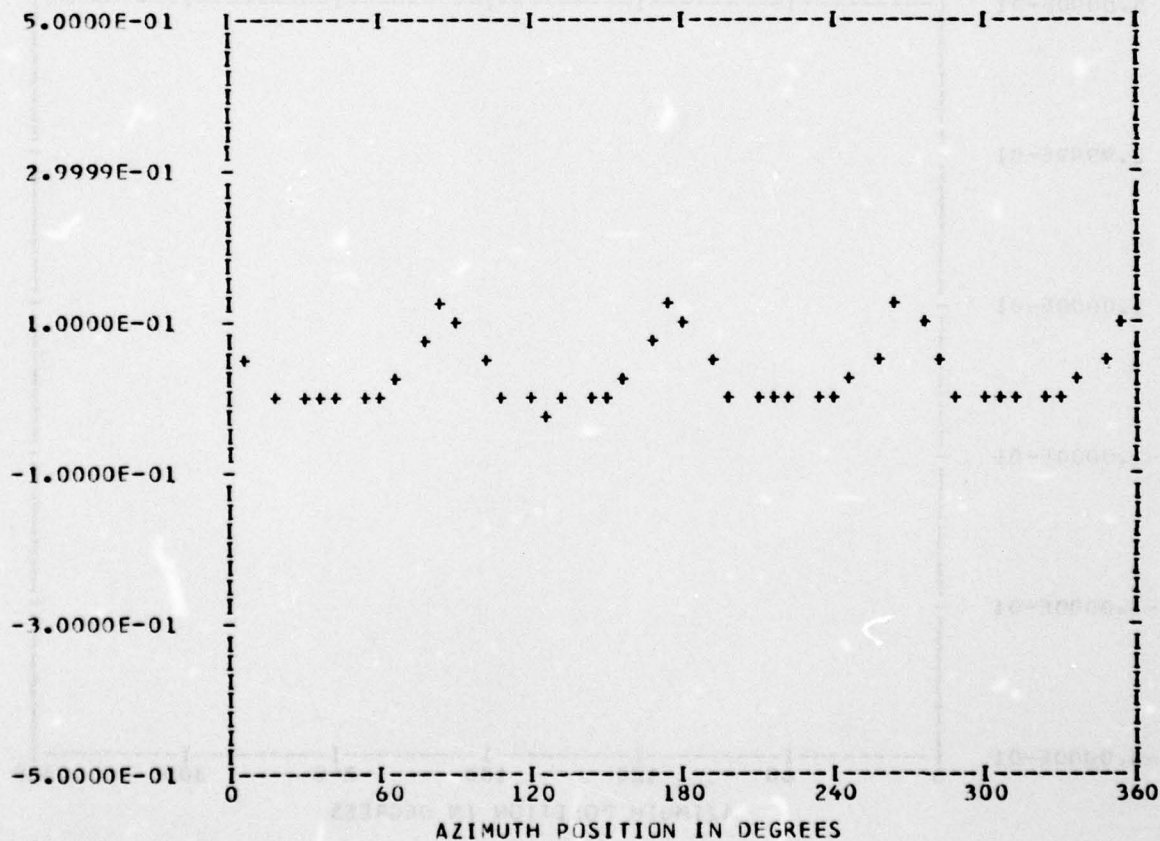
*** PS013.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 1
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.29417E-01	1	-0.14818E-02	0.22592E-02	0.27018E-02	326.7
	2	-0.80436E-03	-0.36707E-03	0.88416E-03	245.4
	3	-0.18785E-02	-0.97666E-03	0.21173E-02	242.5
	4	0.53546E-01	-0.23699E-01	0.58556E-01	113.8
	5	0.10693E-02	0.17846E-02	0.20805E-02	30.9
	6	-0.59886E-03	-0.90624E-04	0.60567E-03	261.3
	7	-0.95178E-03	0.74586E-03	0.12092E-02	304.0
	8	0.16587E-01	-0.18473E-01	0.24828E-01	138.0
	9	0.13869E-02	0.95050E-04	0.13902E-02	86.0
	10	0.64194E-04	0.48721E-03	0.49143E-03	7.5

MAX= 0.13178E 00 MIN=-0.12553E-01 PEAK TO PEAK/2= 0.72188E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

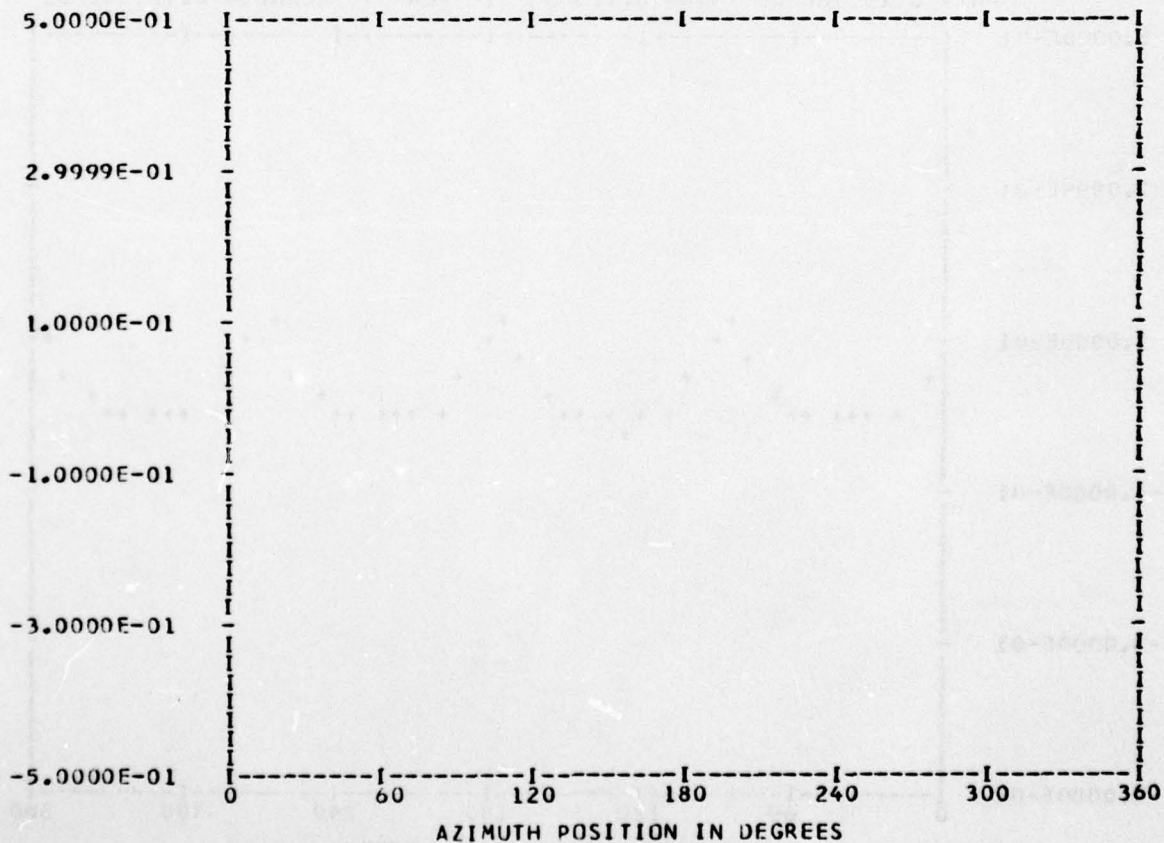
*** PS015.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 44
 BANDEDGE 0

RUN 17
 TP 1
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.69408E 00	1	0.66893E-03	0.79827E-03	0.10415E-02	39.9
	2	0.37702E-03	0.56837E-03	0.68205E-03	33.5
	3	-0.72501E-03	-0.24858E-03	0.76644E-03	251.0
	4	-0.85192E-03	-0.85339E-03	0.12058E-02	224.9
	5	0.17726E-03	0.52459E-03	0.55373E-03	18.6
	6	-0.13805E-03	-0.17095E-03	0.21973E-03	218.9
	7	-0.58359E-04	0.45675E-03	0.46046E-03	352.7
	8	-0.33911E-03	-0.25135E-03	0.42211E-03	233.4
	9	-0.15706E-03	0.50880E-04	0.16510E-03	287.9
	10	0.52702E-04	0.33721E-03	0.34131E-03	8.8

MAX= 0.69817E 00 MIN= 0.58329E 00 PEAK TO PEAK/2= 0.57439E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

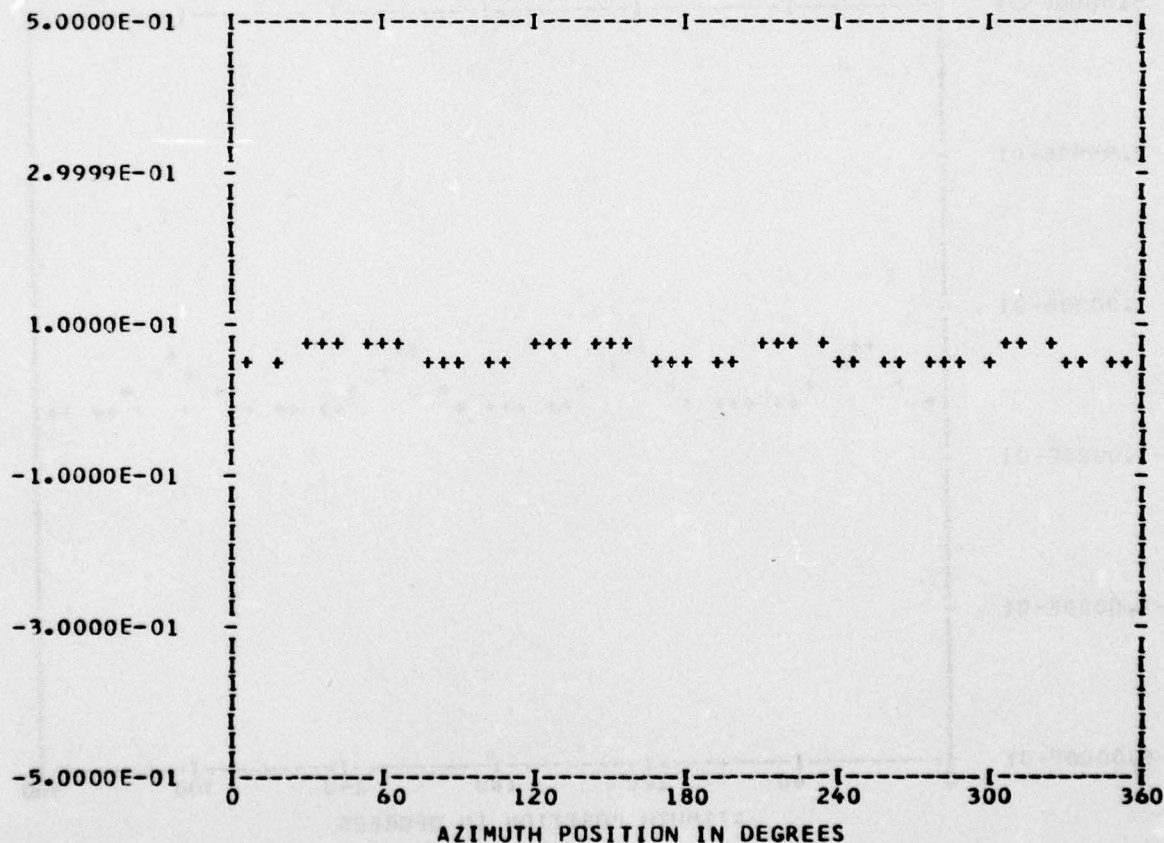
*** PS017.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 1
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.61083E-01	1	-0.69449E-03	0.15736E-02	0.17200E-02	336.1
	2	0.42231E-04	0.21261E-03	0.21676E-03	11.2
	3	-0.33175E-03	0.41639E-03	0.53239E-03	321.4
	4	-0.73486E-02	0.33144E-02	0.80615E-02	294.2
	5	-0.21940E-03	-0.41555E-03	0.46991E-03	207.8
	6	-0.23522E-03	-0.16883E-03	0.28954E-03	234.3
	7	-0.15102E-03	0.24796E-03	0.29033E-03	328.6
	8	-0.77242E-03	-0.25583E-02	0.26724E-02	196.8
	9	0.46049E-05	-0.32726E-04	0.33049E-04	171.9
	10	0.12137E-03	-0.16864E-03	0.20778E-03	144.2

MAX= 0.72886E-01 MIN= 0.52298E-01 PEAK TO PEAK/2= 0.10293E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

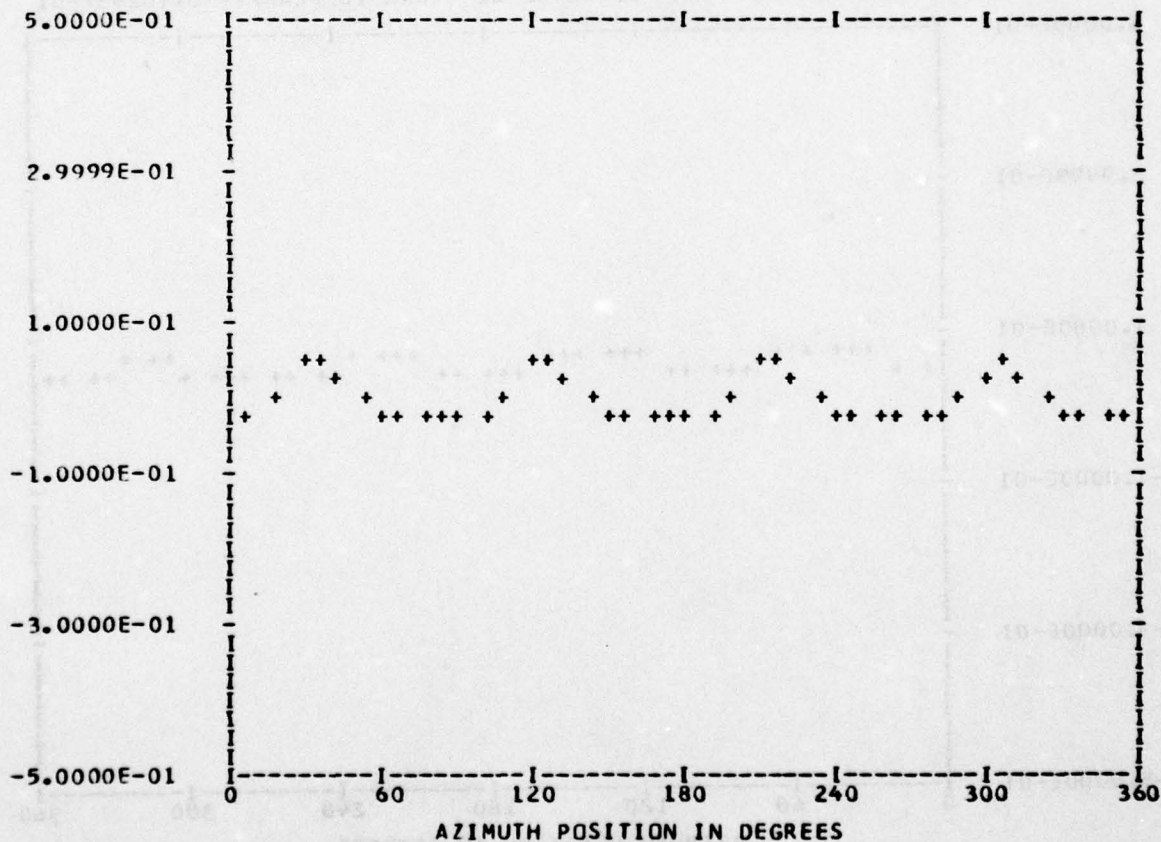
*** PS017.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 17
 TP 1
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.75025E-02	1	-0.44641E-04	0.21222E-02	0.21226E-02	358.7
	2	0.70832E-03	0.46832E-04	0.70986E-03	86.2
	3	0.15888E-02	0.31246E-03	0.16192E-02	78.8
	4	-0.11981E-01	0.36266E-01	0.38194E-01	341.7
	5	-0.15831E-02	-0.24587E-04	0.15833E-02	269.1
	6	0.15064E-04	0.55699E-03	0.55719E-03	1.5
	7	-0.97290E-04	0.67689E-03	0.68384E-03	351.8
	8	-0.12615E-01	-0.59052E-02	0.13929E-01	244.9
	9	-0.96394E-04	-0.48607E-03	0.49554E-03	191.2
	10	-0.33277E-03	0.43255E-04	0.33557E-03	277.4

MAX= 0.55876E-01 MIN=-0.29886E-01 PEAK TO PEAK/2= 0.42881E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

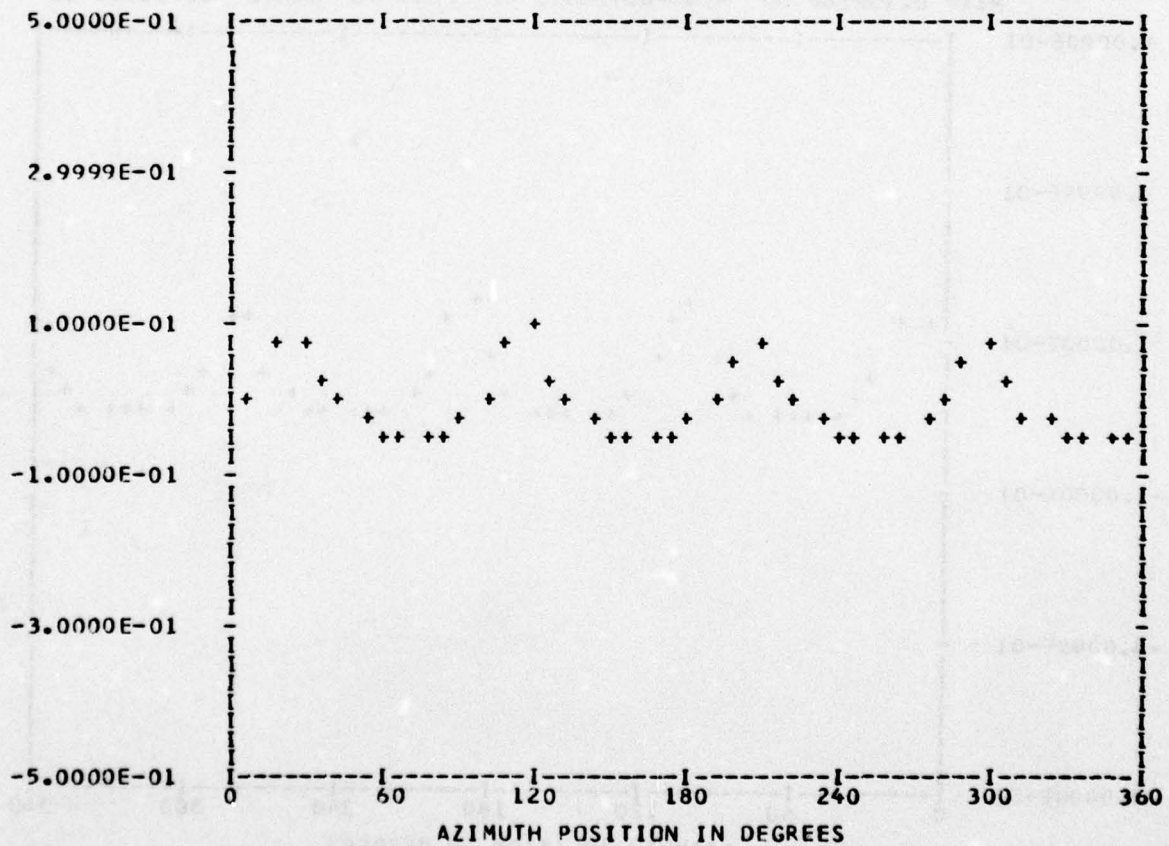
*** PS017.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 Bandedge 0

RUN 17
 TP 1
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.68162E-02	1	-0.89275E-03	0.32290E-02	0.33501E-02	344.5
	2	0.16055E-03	-0.68176E-04	0.17442E-03	113.0
	3	0.20422E-02	-0.15247E-02	0.25486E-02	126.7
	4	0.22104E-01	0.49152E-01	0.53893E-01	24.2
	5	-0.17321E-02	0.88235E-03	0.19439E-02	296.9
	6	0.11104E-02	0.62763E-04	0.11121E-02	86.7
	7	0.10732E-02	0.50203E-03	0.11849E-02	64.9
	8	-0.13769E-01	0.17750E-01	0.22465E-01	322.1
	9	-0.60527E-03	-0.14245E-03	0.62181E-03	256.7
	10	0.46136E-03	0.84965E-03	0.96683E-03	28.5

MAX= 0.87609E-01 MIN=-0.46409E-01 PEAK TO PEAK/2= 0.67009E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

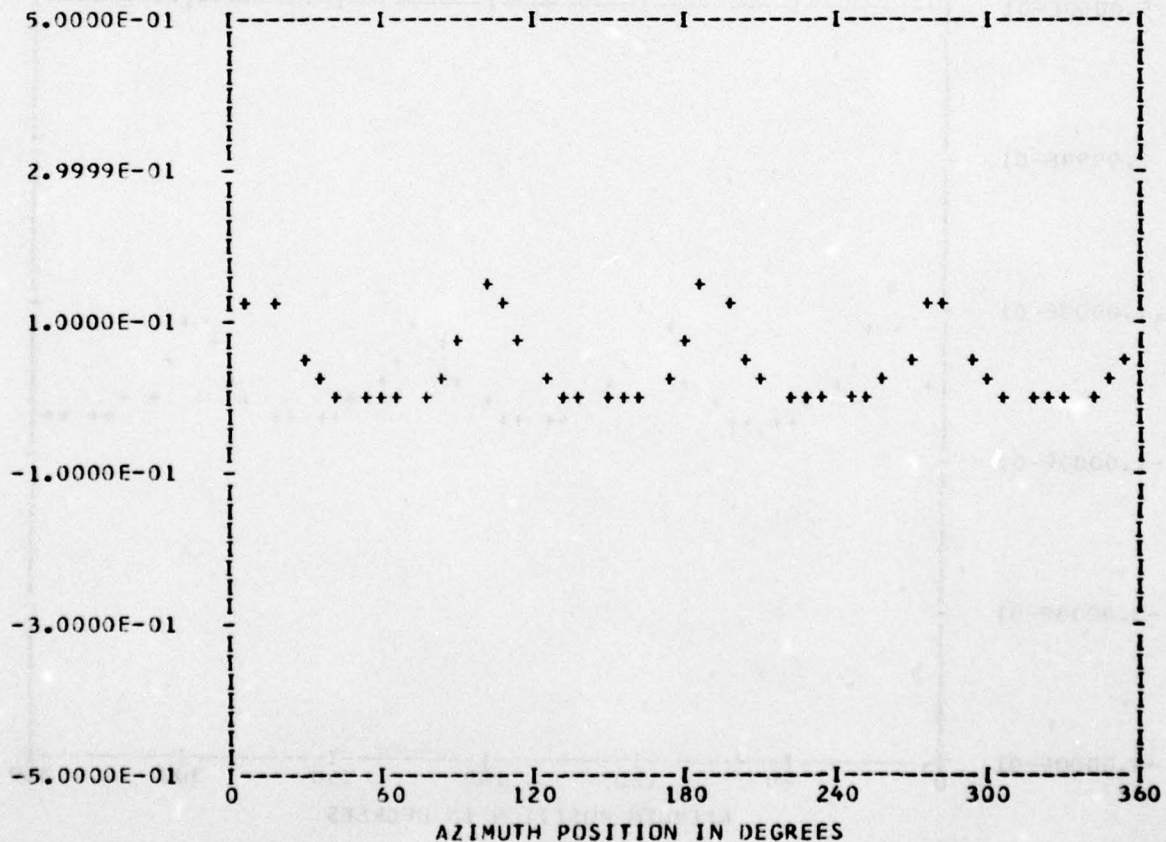
*** PS017.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BandedGE 0

RUN 17
 TP 1
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.40568E-01	1	0.29917E-02	0.26994E-02	0.40295E-02	47.9
	2	0.41296E-02	-0.66795E-03	0.41833E-02	99.1
	3	0.70526E-02	-0.20628E-02	0.73481E-02	106.3
	4	0.64121E-01	0.16187E-02	0.64141E-01	88.5
	5	-0.32126E-02	0.18333E-02	0.36989E-02	299.7
	6	-0.45351E-03	-0.13988E-02	0.14705E-02	197.9
	7	0.33113E-02	-0.83748E-03	0.34156E-02	104.1
	8	0.26558E-01	-0.24027E-02	0.26666E-01	95.1
	9	-0.43278E-02	0.13480E-02	0.45329E-02	287.3
	10	-0.17801E-02	-0.92209E-03	0.20048E-02	242.6

MAX= 0.15216E 00 MIN=-0.72097E-02 PEAK TO PEAK/2= 0.79685E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

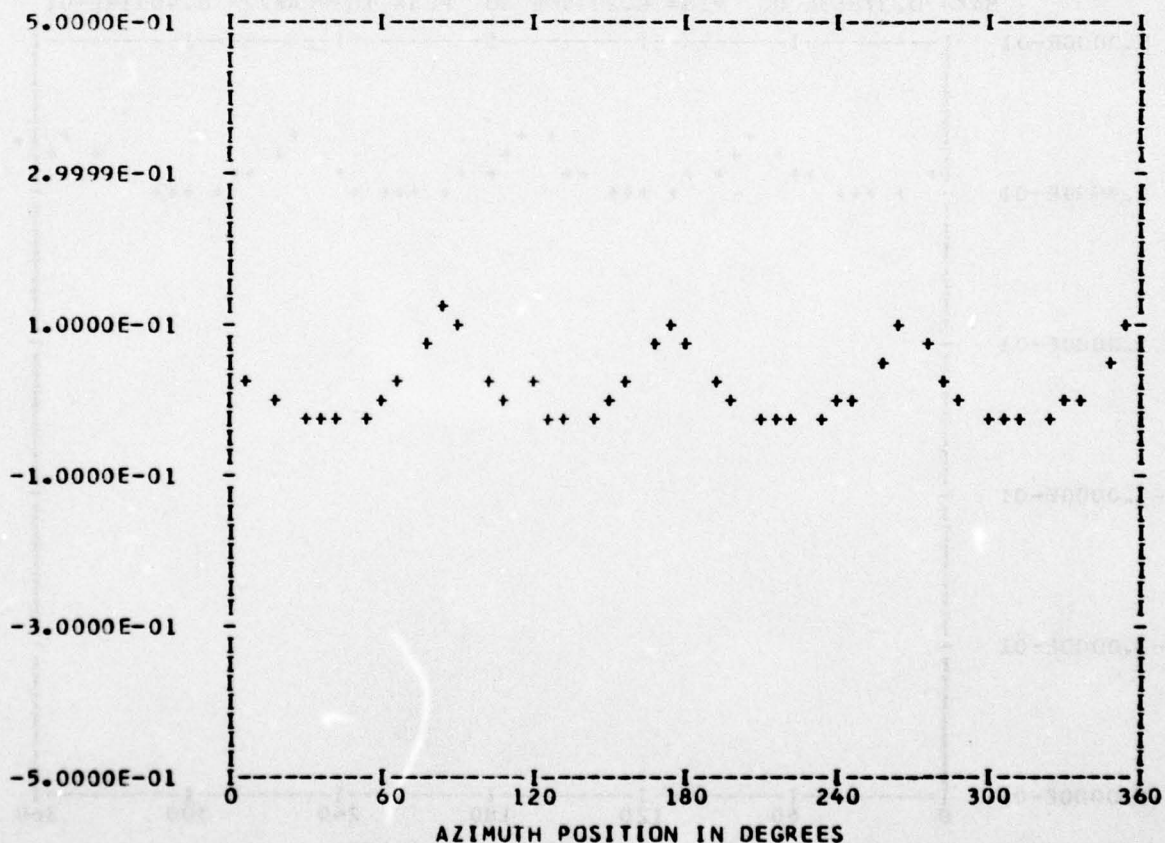
*** PS017.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 1
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.21620E-01	1	-0.20677E-02	0.39755E-02	0.44811E-02	332.5
	2	-0.15166E-02	-0.10551E-02	0.18475E-02	235.1
	3	-0.66958E-03	-0.10328E-02	0.12308E-02	212.9
	4	0.47798E-01	-0.26712E-01	0.54756E-01	119.1
	5	-0.76162E-04	0.12868E-02	0.12890E-02	356.6
	6	0.29323E-03	-0.10006E-02	0.10427E-02	163.6
	7	-0.32922E-03	0.18339E-02	0.18632E-02	349.8
	8	0.10463E-01	-0.19049E-01	0.21734E-01	151.2
	9	0.19015E-02	-0.83732E-03	0.20777E-02	113.7
	10	0.63898E-03	0.16770E-02	0.17946E-02	20.8

MAX= 0.11754E 00 MIN=-0.19127E-01 PEAK TO PEAK/2= 0.68335E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

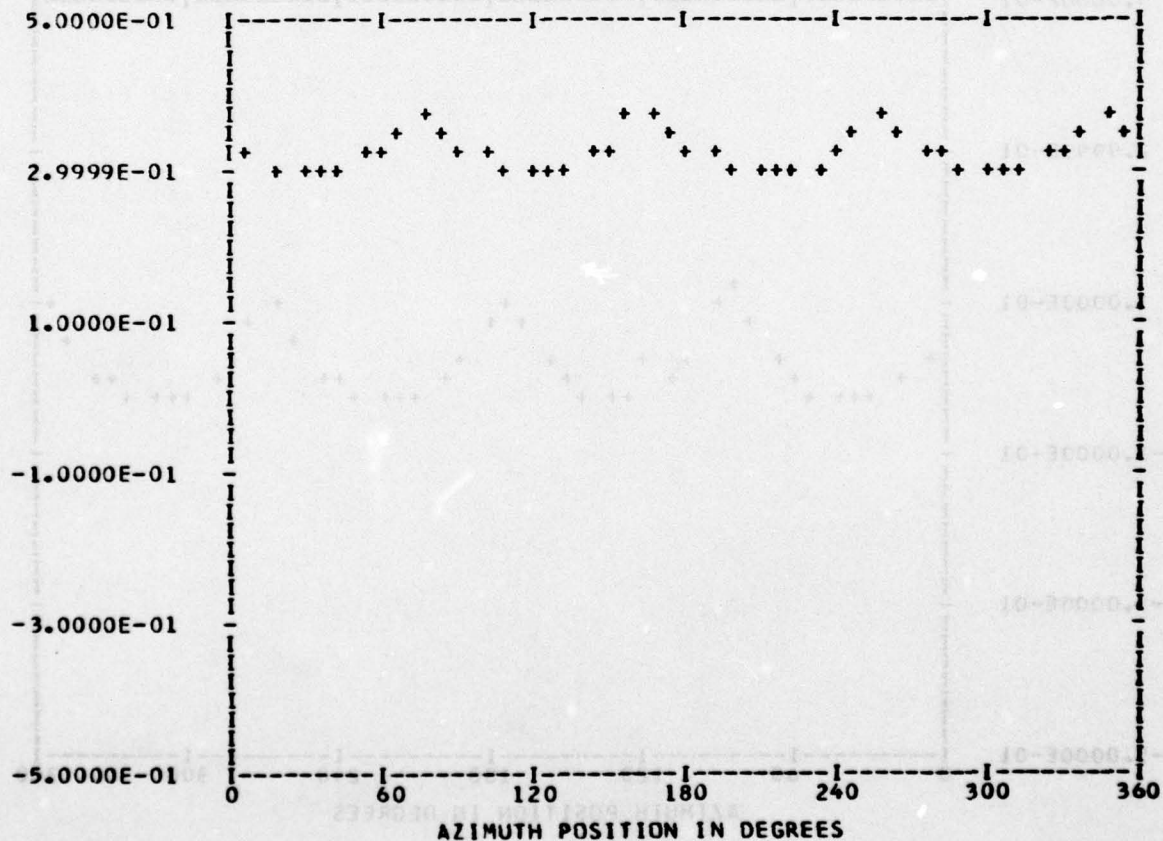
*** PS017.6 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 1
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32604E 00	1	-0.11589E-02	0.22686E-02	0.25475E-02	332.9
	2	-0.10510E-03	-0.87910E-03	0.88537E-03	186.8
	3	-0.14542E-02	0.86200E-03	0.16905E-02	300.6
	4	0.92962E-02	-0.31851E-01	0.33180E-01	163.7
	5	0.16702E-02	0.59225E-03	0.17721E-02	70.4
	6	-0.62445E-03	0.15998E-03	0.64462E-03	284.3
	7	0.64103E-03	0.38418E-03	0.74734E-03	59.0
	8	-0.69502E-02	-0.55305E-02	0.88821E-02	231.4
	9	0.66518E-03	-0.55027E-03	0.86329E-03	129.5
	10	0.28895E-03	0.29350E-03	0.41187E-03	44.5

MAX= 0.37863E 00 MIN= 0.29759E 00 PEAK TO PEAK/2= 0.40519E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

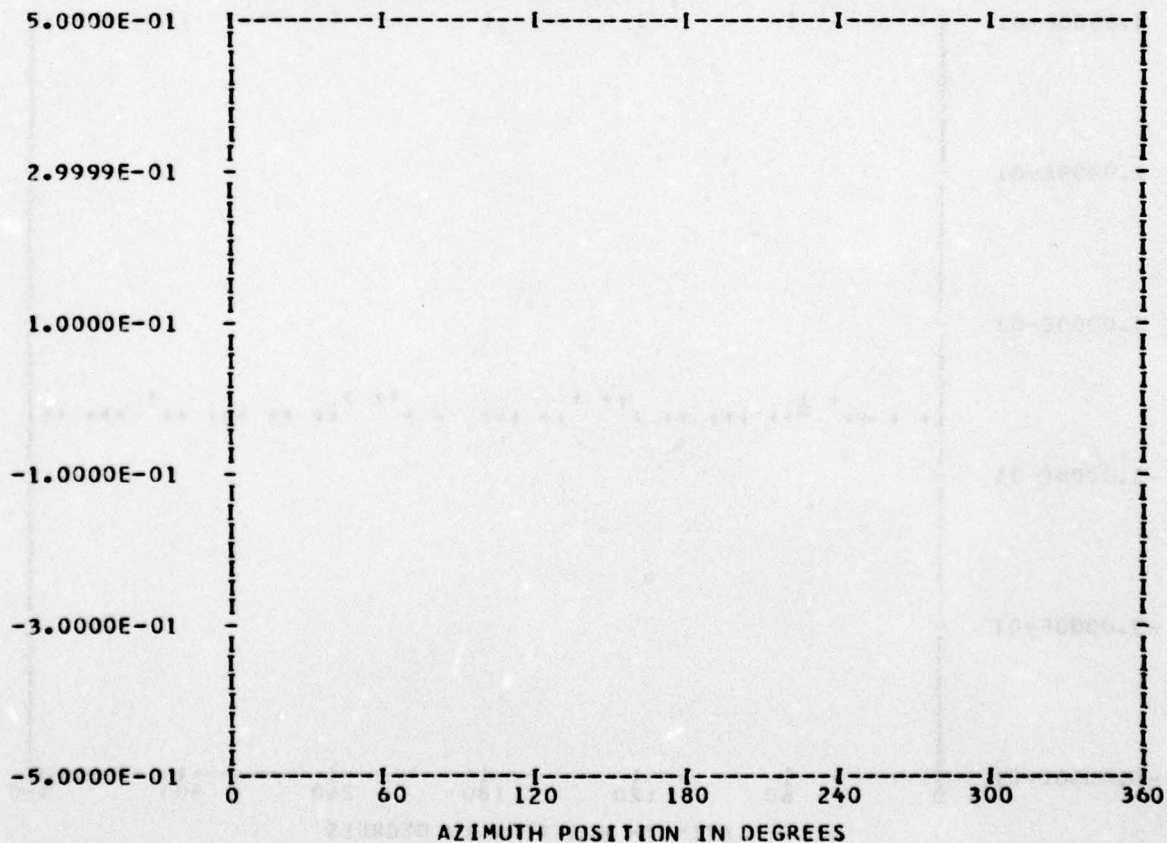
*** PS017.7 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 44
 BandedGE 0

RUN 17
 TP 1
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.52681E 00	1	0.22228E-03	0.87840E-03	0.90608E-03	14.2
	2	0.24721E-03	-0.57584E-03	0.62666E-03	156.7
	3	-0.12918E-02	0.22203E-03	0.13107E-02	279.7
	4	-0.83329E-03	-0.72013E-02	0.72493E-02	186.6
	5	0.78790E-03	0.45915E-03	0.91192E-03	59.7
	6	-0.37445E-03	-0.54723E-04	0.37843E-03	261.6
	7	0.55321E-03	-0.16039E-04	0.55345E-03	91.6
	8	-0.58279E-03	-0.34646E-03	0.67800E-03	239.2
	9	-0.43244E-05	-0.47940E-04	0.48134E-04	185.1
	10	-0.56225E-04	0.34973E-04	0.66215E-04	301.8

MAX= 0.53779E 00 MIN= 0.51902E 00 PEAK TO PEAK/2= 0.93819E-02



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

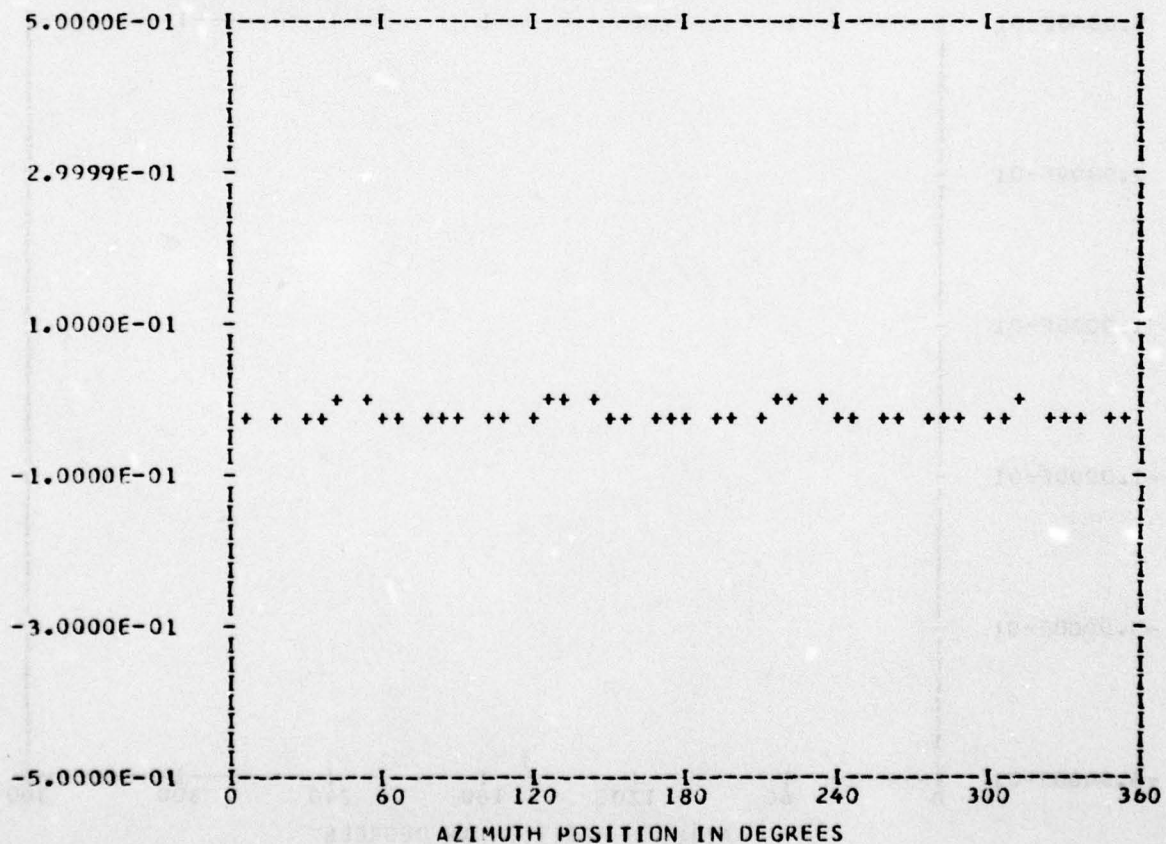
*** PS023.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 17
 TP 1
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22078E-01	1	-0.81539E-03	0.16455E-02	0.18365E-02	333.6
	2	0.13127E-03	0.41552E-03	0.43576E-03	17.5
	3	-0.17610E-03	0.25924E-03	0.31340E-03	325.8
	4	-0.10349E-01	0.29636E-02	0.10765E-01	285.9
	5	-0.16691E-03	-0.71395E-03	0.73320E-03	193.1
	6	-0.34571E-03	-0.13577E-03	0.37142E-03	248.5
	7	-0.17002E-03	0.15392E-04	0.17071E-03	275.1
	8	0.58326E-04	-0.30236E-02	0.30241E-02	178.8
	9	0.18308E-03	0.37112E-04	0.18680E-03	78.5
	10	0.64628E-04	-0.59792E-04	0.88045E-04	132.7

MAX=-0.58474E-02 MIN=-0.33275E-01 PEAK TO PEAK/2= 0.13714E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

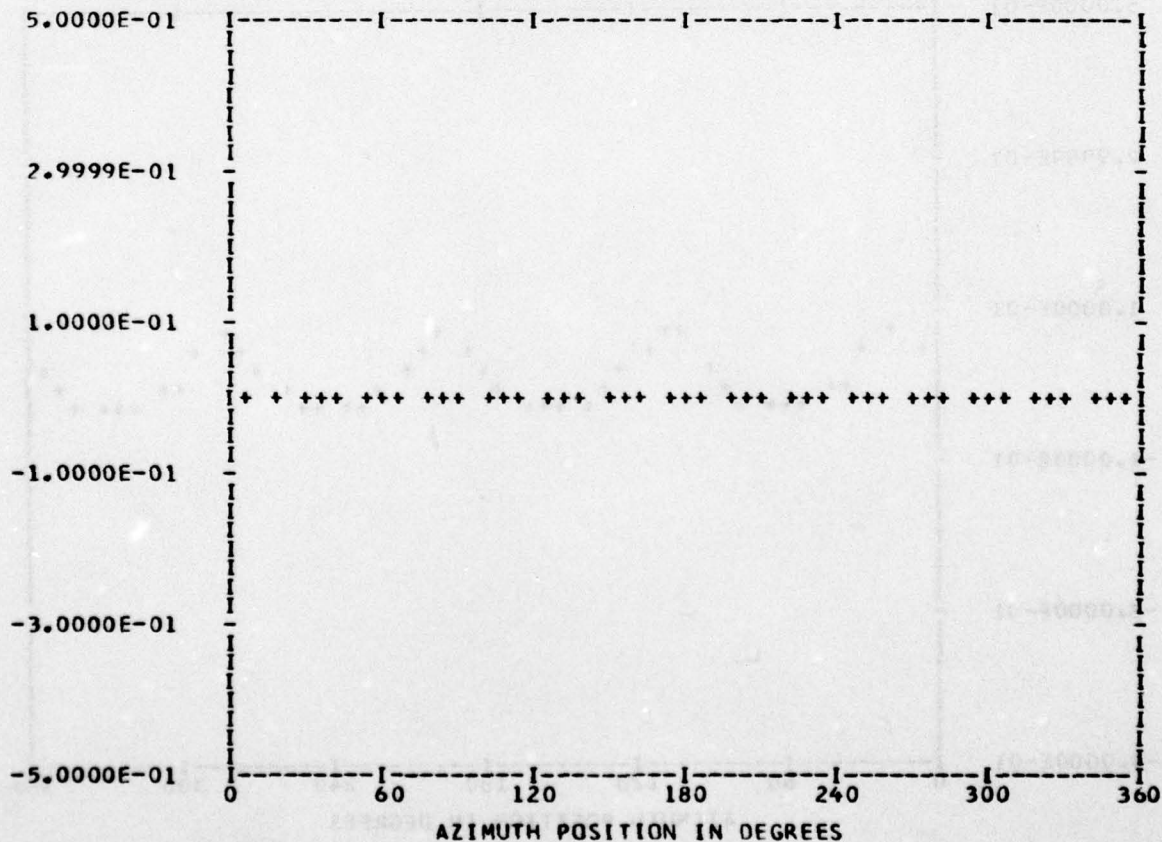
*** PS023.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 1
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21141E-02	1	0.14458E-04	-0.46276E-04	0.48482E-04	162.6
	2	0.65128E-04	0.22992E-04	0.69067E-04	70.5
	3	0.38179E-04	-0.35105E-04	0.51865E-04	132.5
	4	0.53821E-04	0.77177E-05	0.54371E-04	81.8
	5	0.10530E-03	0.59014E-04	0.12071E-03	60.7
	6	-0.36282E-04	-0.24340E-04	0.43690E-04	236.1
	7	0.38176E-05	-0.29153E-04	0.29402E-04	172.5
	8	0.11732E-03	-0.34579E-04	0.12231E-03	106.4
	9	0.38914E-04	-0.43089E-05	0.39152E-04	96.3
	10	0.44190E-04	-0.14005E-04	0.46356E-04	107.5

MAX=-0.10893E-02 MIN=-0.27234E-02 PEAK TO PEAK/2= 0.81701E-03



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

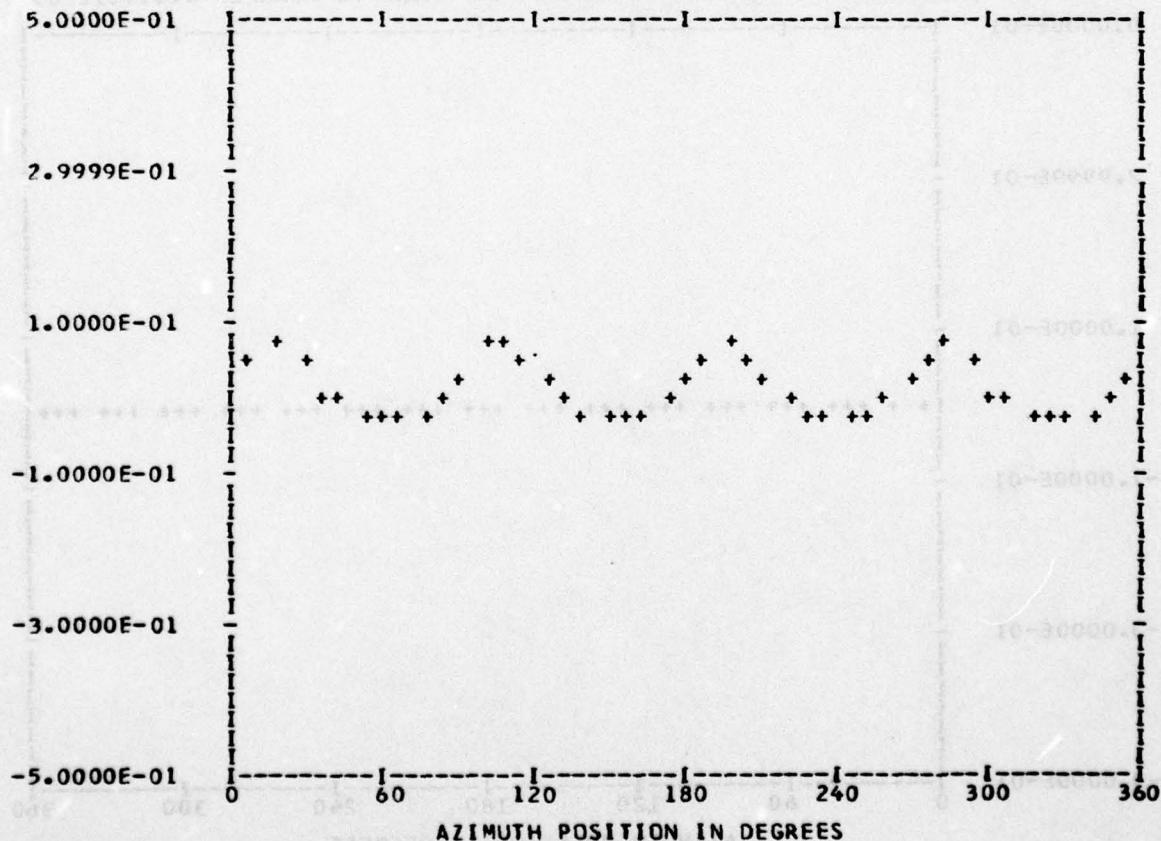
*** PS023.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANGEDGE 0

RUN 17
 TP 1
 CHAN 62

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.11635E-01	1	0.20502E-03	0.31654E-02	0.31720E-02	3.7
	2	0.17869E-02	-0.10296E-03	0.17899E-02	93.2
	3	0.53212E-02	-0.15837E-02	0.55519E-02	106.5
	4	0.44001E-01	0.11858E-01	0.45571E-01	74.9
	5	-0.43674E-02	0.83981E-03	0.44474E-02	280.8
	6	-0.21301E-03	-0.12171E-02	0.12356E-02	189.9
	7	0.15451E-02	0.61060E-03	0.16614E-02	68.4
	8	0.10565E-01	0.42476E-02	0.11387E-01	68.0
	9	-0.24316E-02	-0.94445E-03	0.26085E-02	248.7
	10	-0.38306E-03	0.22294E-04	0.38370E-03	273.3

MAX= 0.85355E-01 MIN=-0.27320E-01 PEAK TO PEAK/2= 0.56337E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

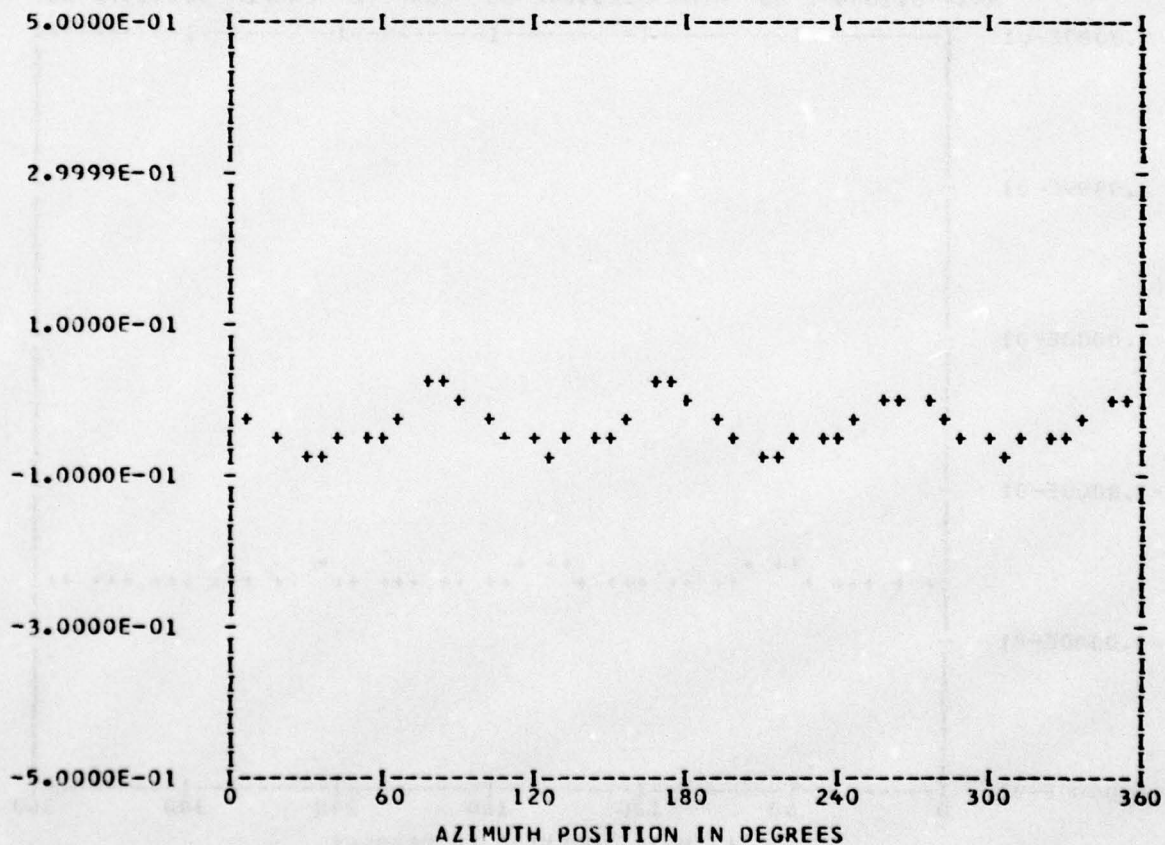
*** PS023.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 1
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.33450E-01	1	-0.17744E-02	0.30792E-02	0.35539E-02	330.0
	2	-0.81940E-03	-0.50094E-03	0.96040E-03	238.5
	3	-0.11986E-02	-0.41141E-03	0.12672E-02	251.0
	4	0.24795E-01	-0.28939E-01	0.38108E-01	139.4
	5	0.83955E-03	0.69653E-03	0.10908E-02	50.3
	6	0.10883E-03	-0.59642E-03	0.60627E-03	169.6
	7	0.21733E-03	0.12291E-02	0.12482E-02	10.0
	8	-0.22624E-02	-0.10532E-01	0.10772E-01	192.1
	9	0.11955E-02	-0.88412E-03	0.14869E-02	126.4
	10	0.74658E-03	0.70249E-03	0.10251E-02	46.7

MAX= 0.21716E-01 MIN=-0.67166E-01 PEAK TO PEAK/2= 0.44441E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

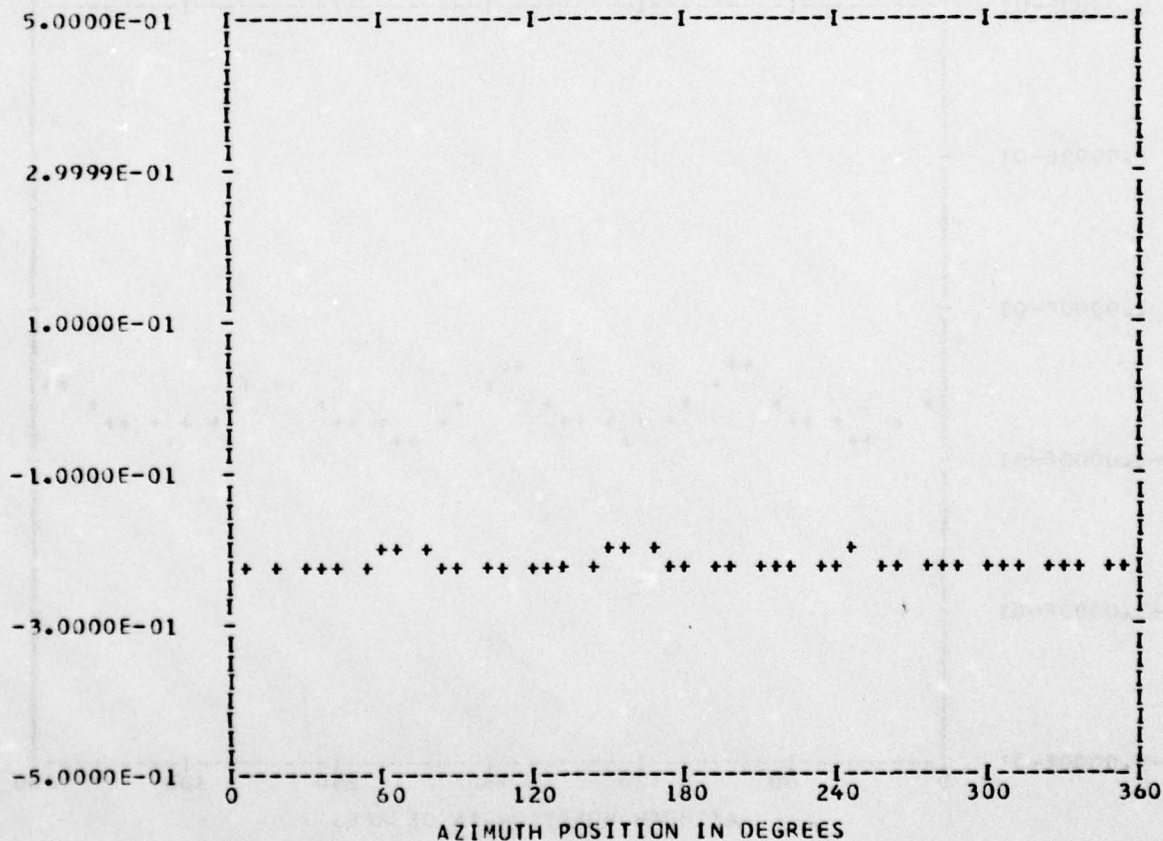
*** PS023.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 17
 TP 1
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22292E 00	1	-0.13648E-03	0.83120E-03	0.84233E-03	350.6
	2	-0.20672E-03	-0.91662E-03	0.93964E-03	192.7
	3	-0.10572E-02	0.89356E-03	0.13843E-02	310.2
	4	-0.53634E-02	-0.99824E-02	0.11332E-01	208.2
	5	0.11198E-02	0.23779E-03	0.11448E-02	78.0
	6	-0.39989E-03	0.19236E-03	0.44375E-03	295.6
	7	0.33538E-03	-0.86004E-04	0.34623E-03	104.3
	8	-0.62265E-03	0.74150E-03	0.96825E-03	319.9
	9	0.30916E-03	-0.70377E-04	0.31707E-03	102.8
	10	-0.63283E-04	0.10396E-03	0.12171E-03	328.6

MAX=-0.20647E 00 MIN=-0.23467E 00 PEAK TO PEAK/2= 0.14097E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

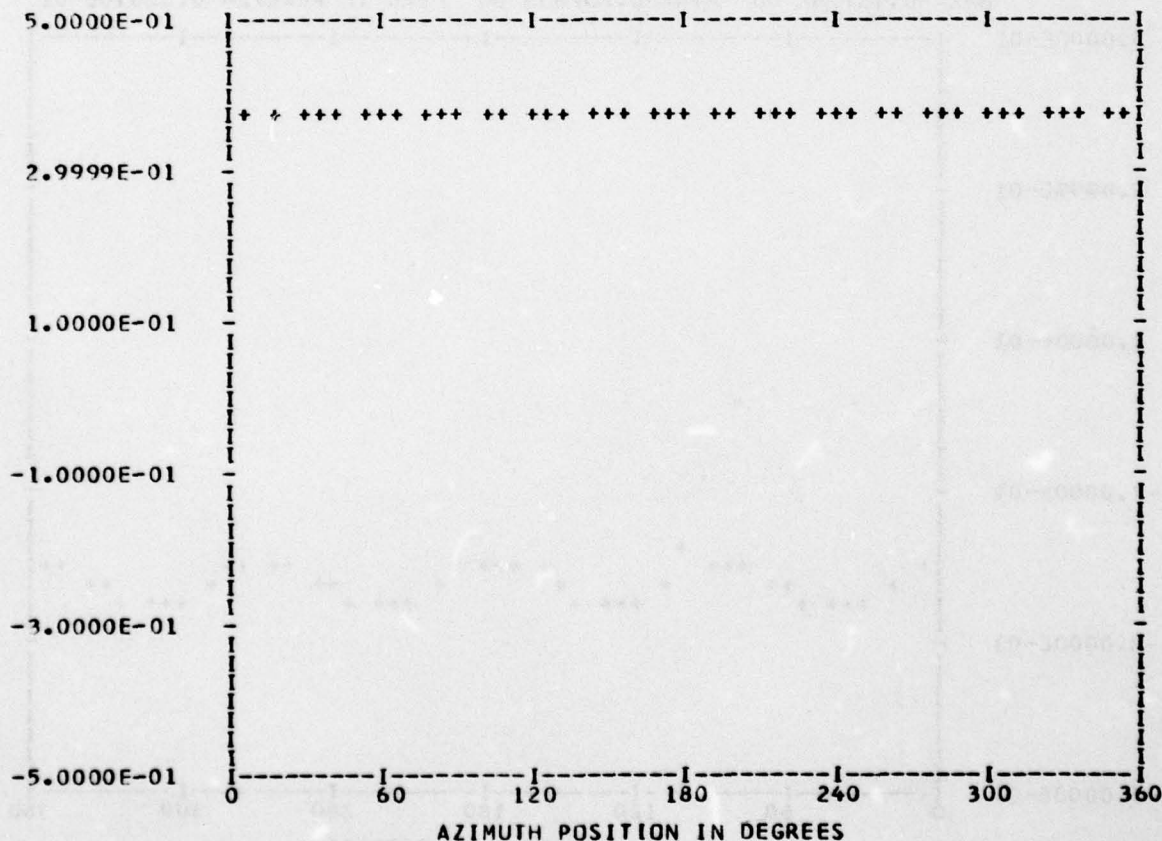
*** PS026.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 1
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.37001E 00	1	0.12596E-03	0.10787E-02	0.10860E-02	6.6
	2	0.51583E-05	-0.63477E-03	0.63479E-03	179.5
	3	-0.49172E-03	0.41077E-03	0.64072E-03	309.8
	4	-0.19316E-02	-0.13371E-02	0.23492E-02	235.3
	5	0.44905E-03	0.20801E-03	0.49489E-03	65.1
	6	0.12234E-03	-0.62027E-03	0.63222E-03	168.8
	7	0.25368E-03	0.24140E-03	0.35018E-03	46.4
	8	0.39130E-03	-0.20997E-02	0.21359E-02	169.4
	9	-0.35761E-03	-0.63249E-03	0.72659E-03	209.4
	10	0.29802E-03	0.35277E-03	0.46180E-03	40.1

MAX= 0.37586E 00 MIN= 0.36259E 00 PEAK TO PEAK/2= 0.66343E-02



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

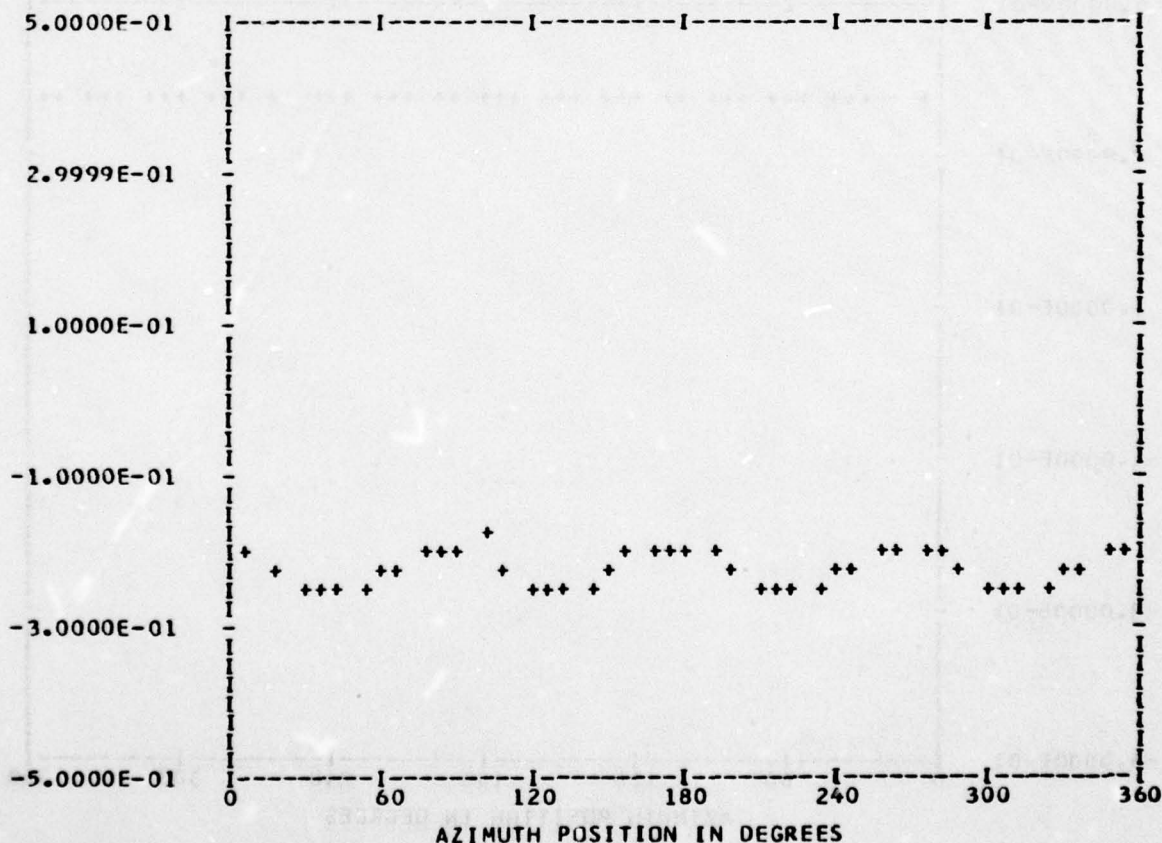
*** PS004.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 18
 TP 1
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22108E 00	1	-0.48574E-03	0.26875E-02	0.27311E-02	349.7
	2	0.10011E-02	-0.11700E-02	0.15398E-02	139.4
	3	-0.12953E-04	-0.20434E-02	0.20435E-02	180.3
	4	0.21886E-01	-0.14783E-01	0.26411E-01	124.0
	5	0.21578E-02	0.11899E-02	0.24641E-02	61.1
	6	0.23288E-04	0.61715E-03	0.61758E-03	2.1
	7	0.15441E-02	0.58368E-03	0.16507E-02	69.2
	8	0.35832E-02	0.16809E-02	0.39579E-02	64.8
	9	0.40750E-03	-0.69954E-03	0.80958E-03	149.7
	10	-0.14489E-03	-0.14063E-04	0.14557E-03	264.4

MAX=-0.18729E 00 MIN=-0.25263E 00 PEAK TO PEAK/2= 0.32670E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

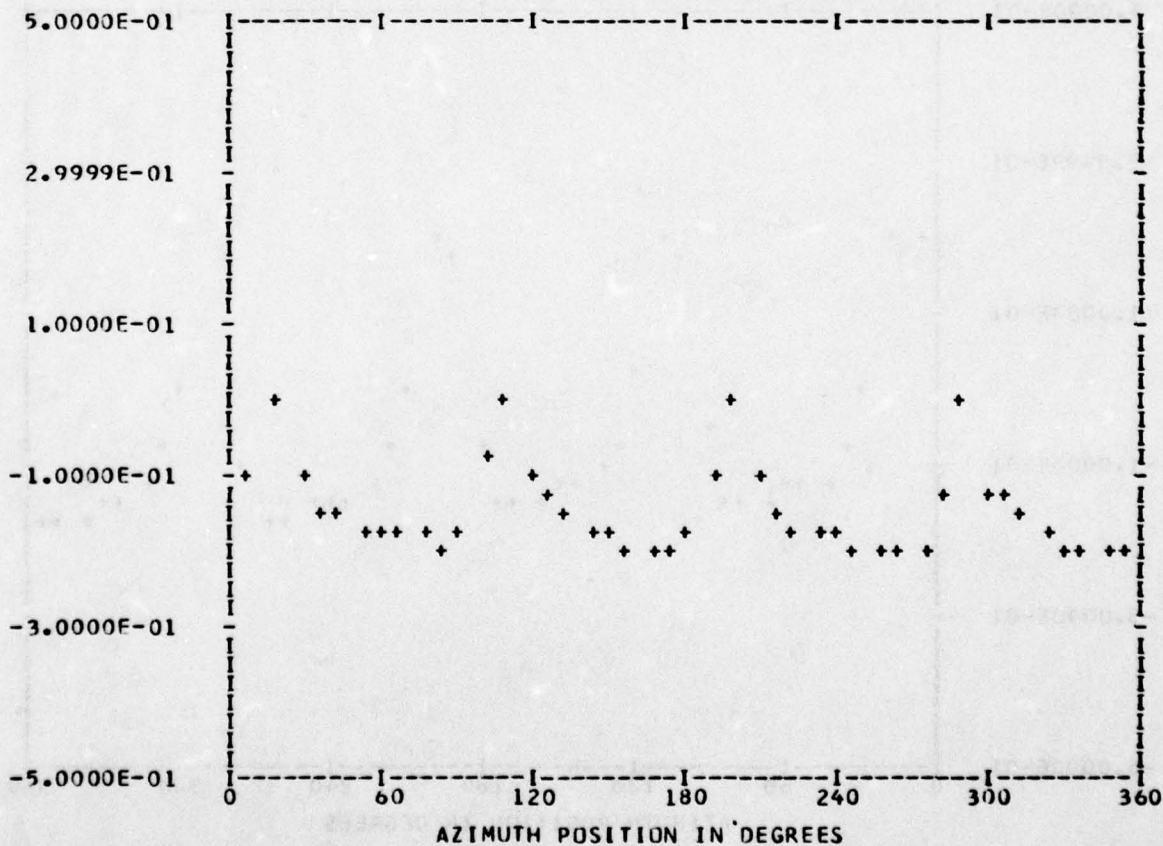
*** PS013.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 1
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14771E 00	1	-0.13001E-02	0.79622E-02	0.80677E-02	350.7
	2	-0.93931E-03	0.20268E-02	0.22339E-02	335.1
	3	-0.17836E-02	-0.32473E-02	0.37049E-02	208.7
	4	0.34145E-01	0.54029E-01	0.63914E-01	32.2
	5	0.32941E-03	0.18343E-02	0.18636E-02	10.1
	6	0.30535E-02	-0.49372E-04	0.30539E-02	90.9
	7	0.27531E-02	-0.36208E-02	0.45487E-02	142.7
	8	0.57639E-02	0.37730E-01	0.38168E-01	8.6
	9	0.23047E-03	0.46322E-03	0.51739E-03	26.4
	10	-0.61173E-04	0.54346E-03	0.54689E-03	353.5

MAX= 0.31315E-02 MIN=-0.21244E 00 PEAK TO PEAK/2= 0.10778E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

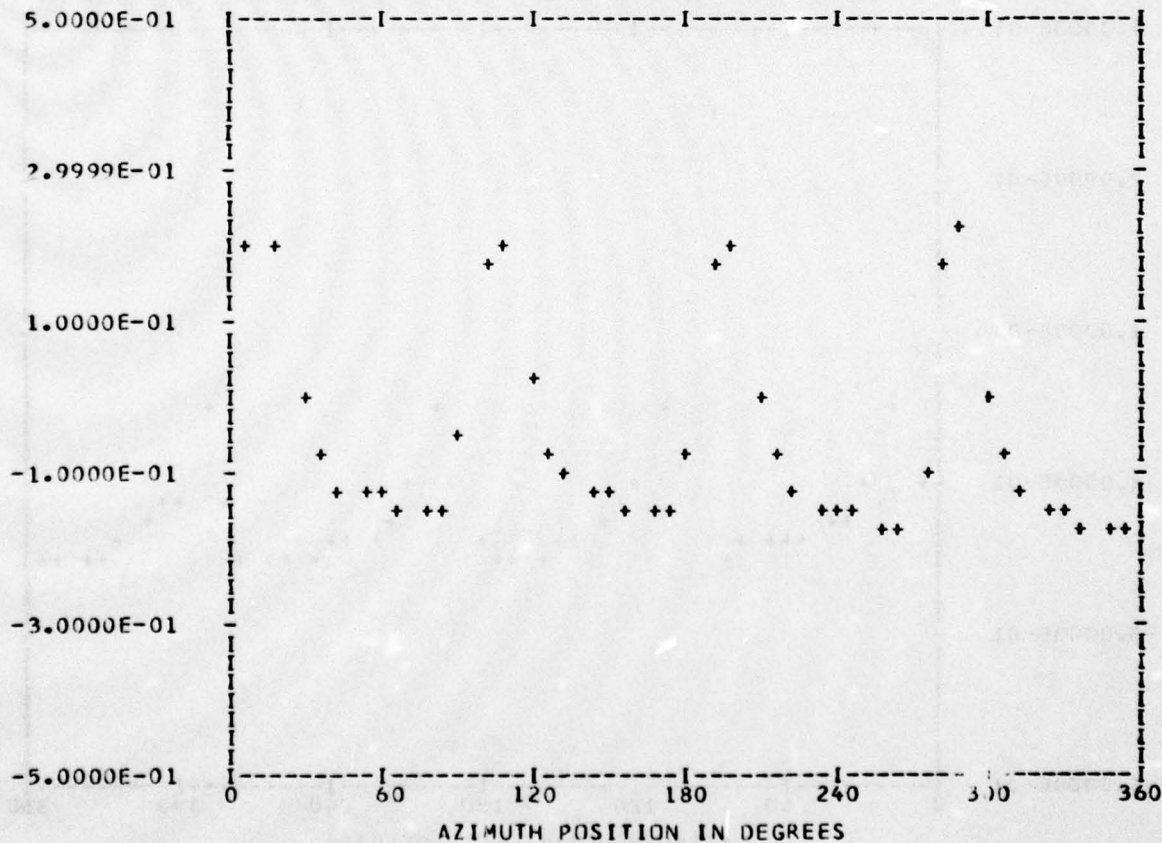
*** PS013.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 18
 TP 1
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.58353E-01	1	0.14285E-02	0.11433E-01	0.11522E-01	7.1
	2	-0.88732E-03	0.31314E-03	0.94096E-03	289.4
	3	-0.31784E-02	0.27922E-02	0.42306E-02	311.2
	4	0.12474E 00	0.85596E-01	0.15128E 00	55.5
	5	0.67685E-02	0.79860E-03	0.68154E-02	83.2
	6	0.23673E-02	-0.54497E-03	0.24292E-02	102.9
	7	-0.41785E-03	-0.21711E-03	0.47089E-03	242.5
	8	0.57616E-01	0.68347E-01	0.89392E-01	40.1
	9	0.43191E-02	0.16187E-03	0.43221E-02	87.8
	10	0.11361E-02	-0.18242E-03	0.11507E-02	99.1

MAX= 0.21517E 00 MIN=-0.18501E 00 PEAK TO PEAK/2= 0.20009E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

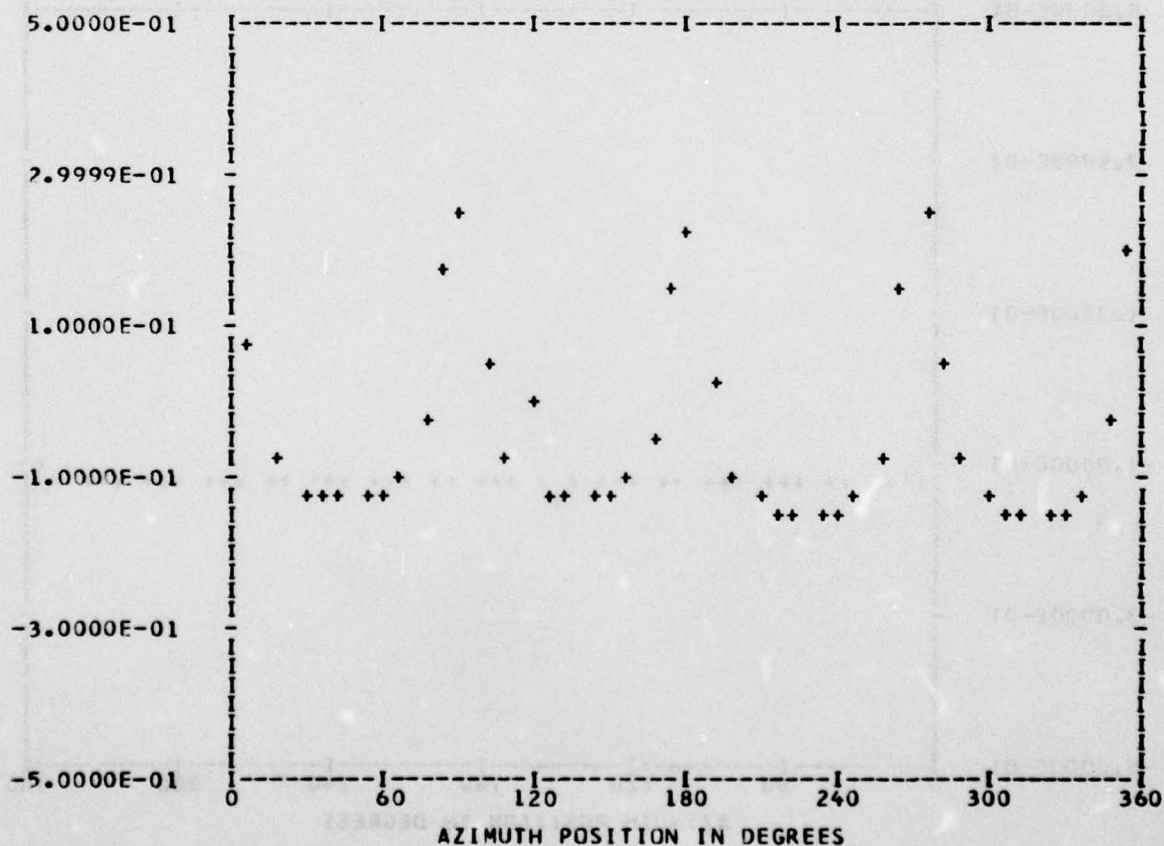
*** PS013.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 18
 TP 1
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.35225E-01	1	0.79567E-02	0.14990E-01	0.16971E-01	27.9
	2	-0.30933E-02	-0.46740E-02	0.56049E-02	213.4
	3	0.96839E-02	-0.72015E-03	0.97107E-02	94.2
	4	0.15595E 00	-0.23679E-01	0.15773E 00	98.6
	5	0.34321E-02	-0.54151E-02	0.64112E-02	147.6
	6	0.37080E-02	-0.44617E-02	0.58014E-02	140.2
	7	0.52603E-02	0.43635E-02	0.68345E-02	50.3
	8	0.72708E-01	-0.34267E-01	0.80378E-01	115.2
	9	0.50243E-02	-0.70401E-02	0.86491E-02	144.4
	10	0.16780E-02	0.32497E-02	0.36573E-02	27.3

MAX= 0.28567E 00 MIN=-0.15070E 00 PEAK TO PEAK/2= 0.21819E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

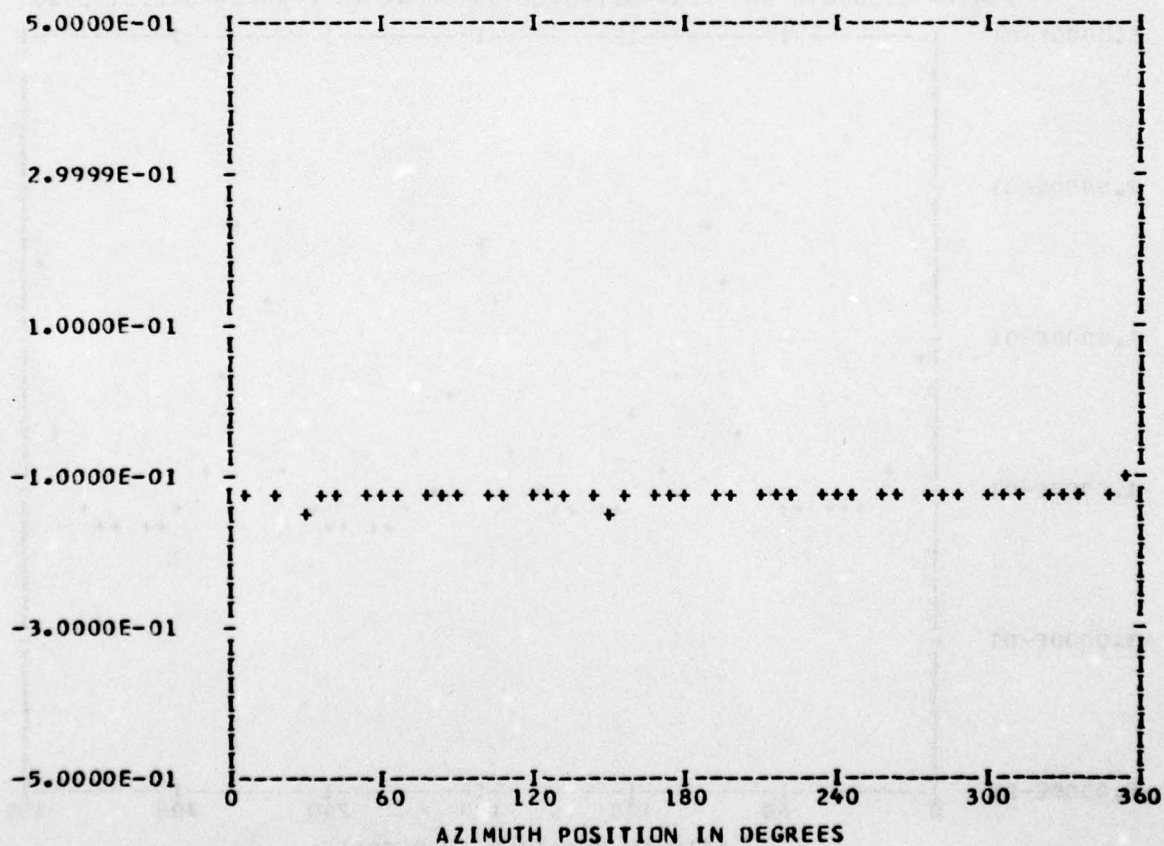
*** PS015.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 1
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12674E 00	1	0.15634E-02	-0.95020E-03	0.18295E-02	121.2
	2	0.66450E-03	-0.32759E-04	0.66530E-03	92.8
	3	-0.18659E-02	0.65588E-03	0.19778E-02	289.3
	4	0.62118E-02	-0.48023E-02	0.78516E-02	127.7
	5	0.12688E-02	0.39575E-05	0.12689E-02	89.8
	6	0.61609E-03	-0.21084E-02	0.21966E-02	163.7
	7	0.10727E-02	-0.10326E-02	0.14890E-02	133.9
	8	0.27659E-02	-0.23436E-02	0.36253E-02	130.2
	9	0.14406E-02	-0.12867E-02	0.19316E-02	131.7
	10	-0.46274E-03	0.12531E-02	0.13358E-02	339.7

MAX=-0.10918E 00 MIN=-0.14286E 00 PEAK TO PEAK/2= 0.16843E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

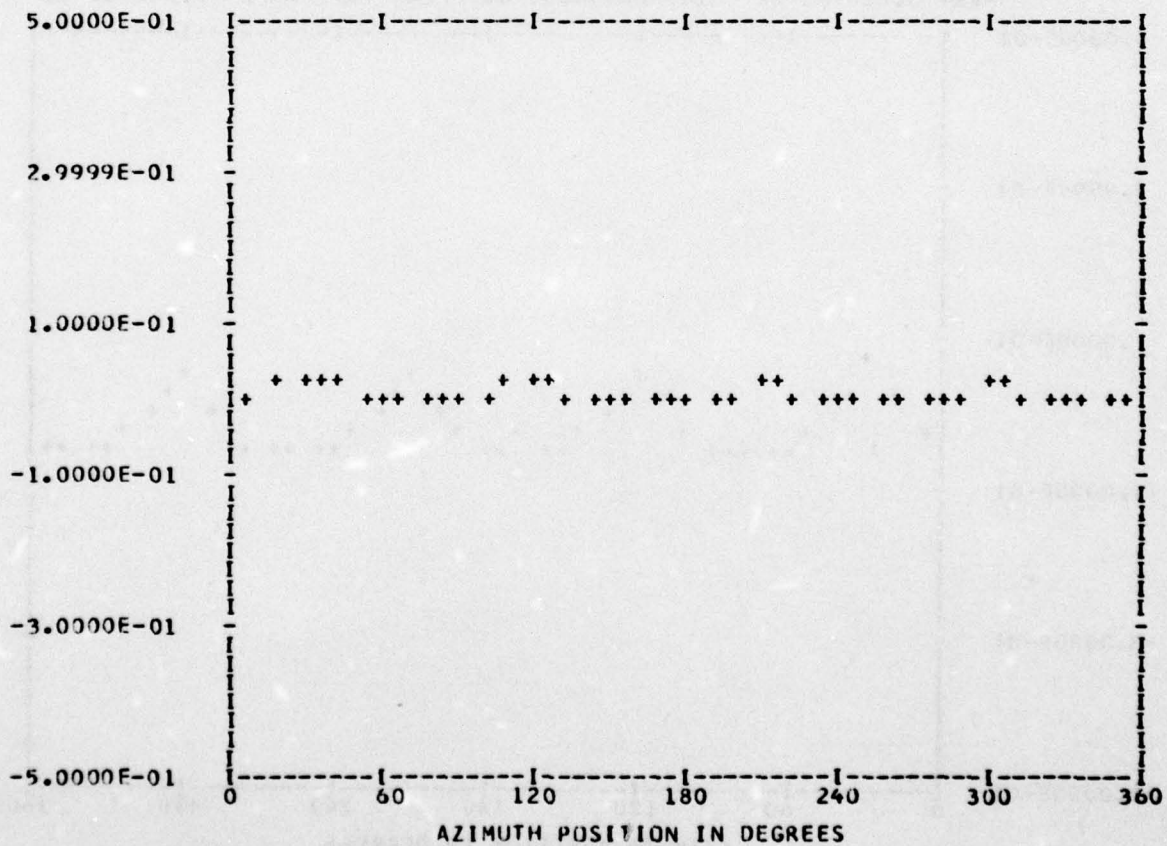
*** PS017.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 1
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.65517E-02	1	0.10214E-02	0.29800E-02	0.31502E-02	18.9
	2	0.12942E-02	0.78715E-03	0.15148E-02	58.6
	3	0.56639E-03	0.12316E-02	0.13555E-02	24.6
	4	-0.15757E-02	0.10708E-01	0.10823E-01	351.6
	5	0.37099E-03	0.16679E-02	0.17086E-02	12.5
	6	-0.23353E-03	0.76199E-03	0.79698E-03	342.9
	7	0.86401E-03	0.50575E-03	0.10011E-02	59.6
	8	-0.18124E-02	-0.84625E-04	0.18143E-02	267.3
	9	0.21959E-03	-0.34793E-03	0.41143E-03	147.7
	10	0.53780E-03	0.41553E-03	0.67963E-03	52.3

MAX= 0.25429E-01 MIN=-0.87672E-02 PEAK TO PEAK/2= 0.17098E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

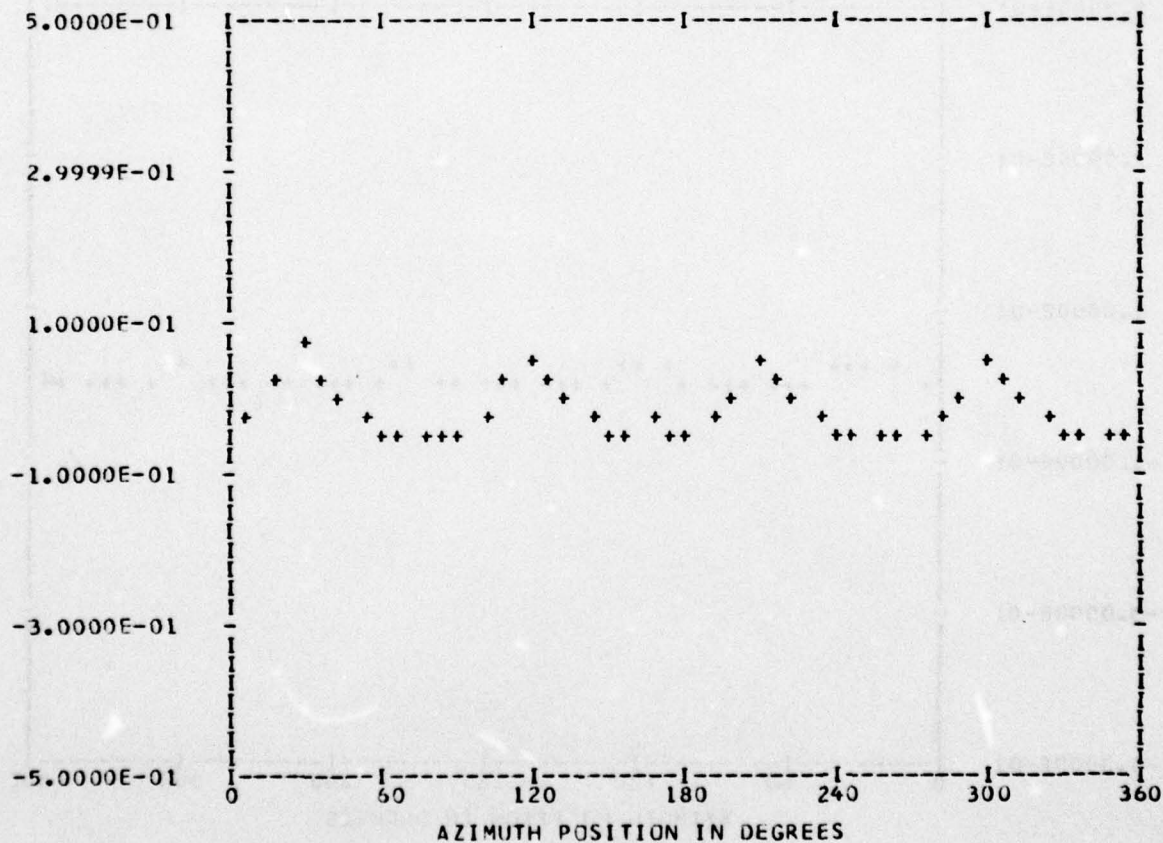
*** PS017.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 18
 TP 1
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15763E-01	1	0.44321E-03	0.17966E-02	0.18505E-02	13.8
	2	0.15639E-02	0.69553E-03	0.17116E-02	66.0
	3	0.29312E-02	0.12868E-02	0.32012E-02	66.2
	4	0.54921E-03	0.41987E-01	0.41990E-01	0.7
	5	0.79769E-03	0.24971E-02	0.26214E-02	17.7
	6	0.12428E-02	0.17899E-02	0.21791E-02	34.7
	7	0.11729E-02	0.86796E-03	0.14591E-02	53.4
	8	-0.17327E-01	0.24165E-02	0.17495E-01	277.9
	9	0.81931E-04	0.10237E-02	0.10270E-02	4.5
	10	-0.19261E-02	0.14924E-03	0.19318E-02	274.4

MAX= 0.62876E-01 MIN=-0.49668E-01 PEAK TO PEAK/2= 0.56272E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

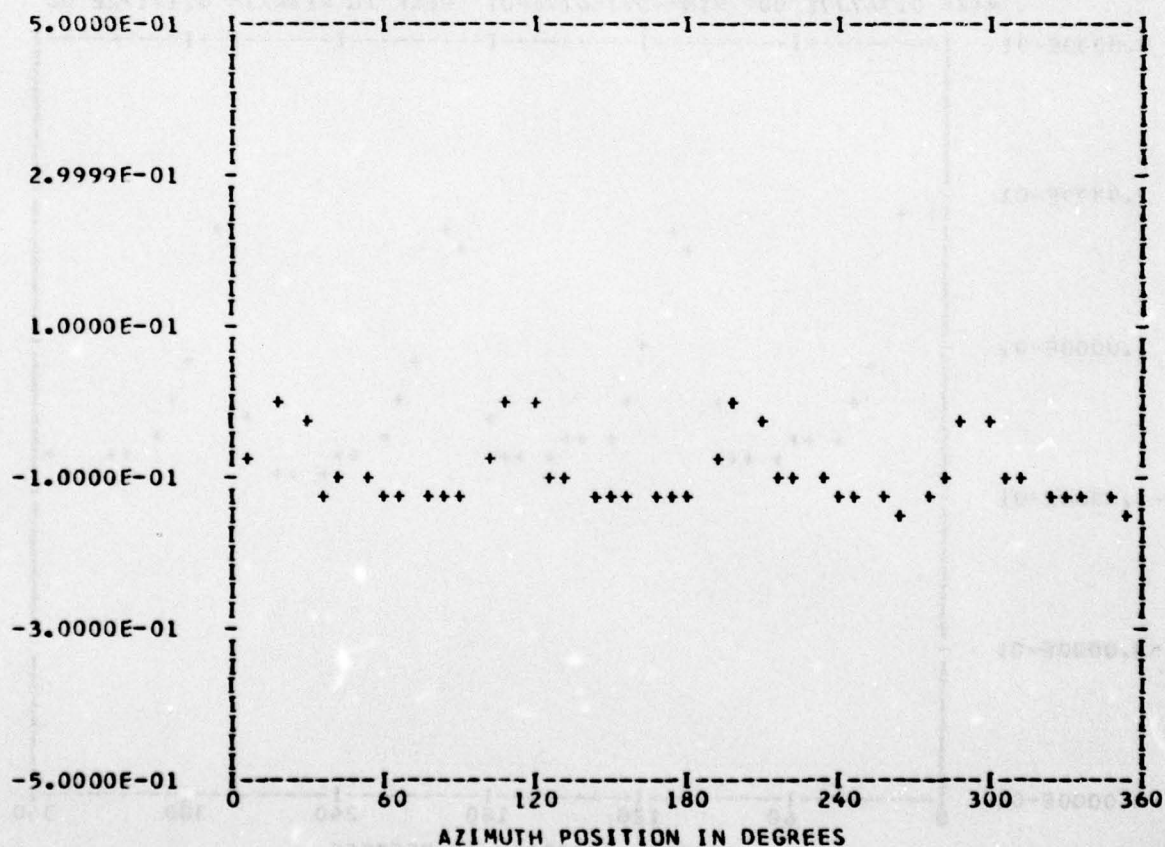
*** PS017.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 18
 TP 1
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.96809E-01	1	-0.19052E-02	0.50419E-02	0.53899E-02	339.2
	2	0.83237E-03	0.10726E-02	0.13577E-02	37.8
	3	0.16439E-02	-0.28085E-02	0.32543E-02	149.6
	4	0.22232E-01	0.42750E-01	0.48185E-01	27.4
	5	0.96672E-03	0.17956E-02	0.20393E-02	28.2
	6	0.17130E-02	0.81549E-03	0.18972E-02	64.5
	7	0.34452E-02	0.11594E-02	0.36351E-02	71.4
	8	-0.30035E-02	0.29944E-01	0.30094E-01	354.2
	9	0.65507E-03	0.10695E-02	0.12541E-02	31.4
	10	0.14577E-03	0.12808E-02	0.12891E-02	6.4

MAX= 0.74522E-02 MIN=-0.13838E 00 PEAK TO PEAK/2= 0.72916E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

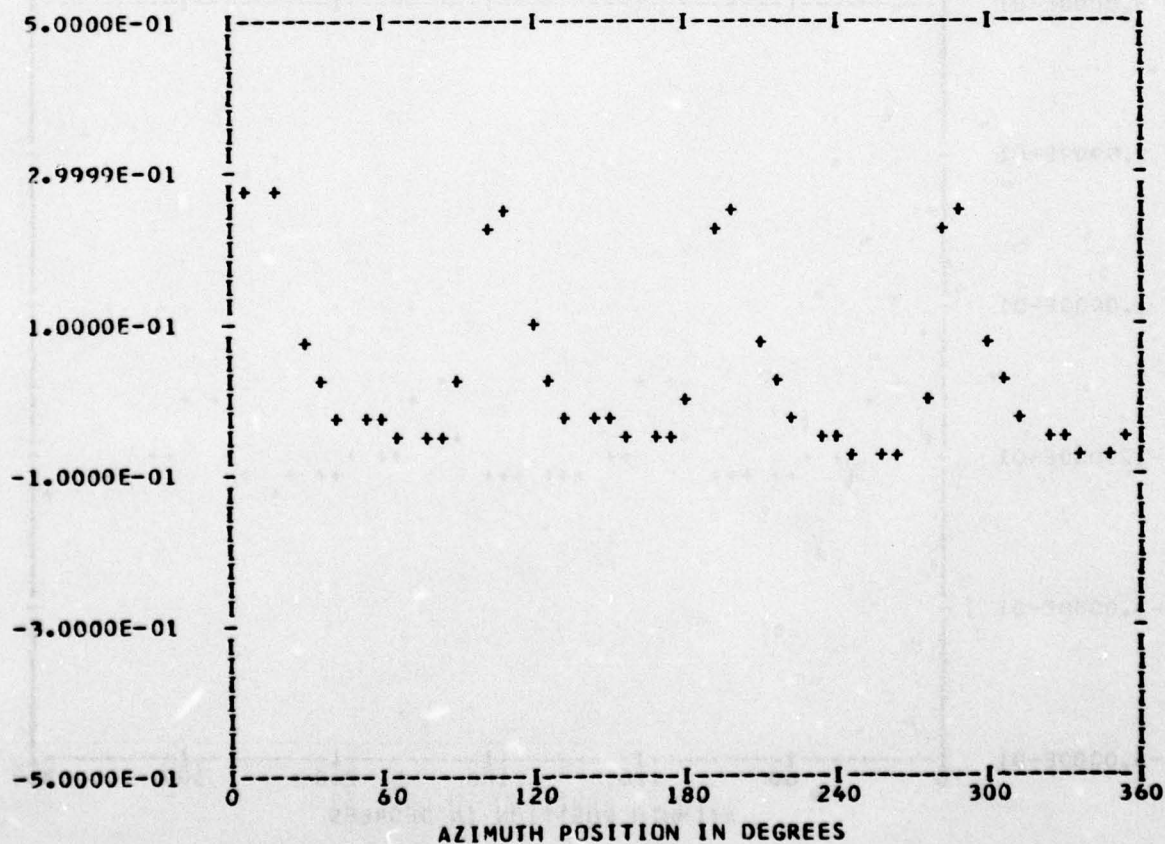
*** PS017.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 1
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.29735E-01	1	0.37407E-02	0.78857E-02	0.87280E-02	25.3
	2	0.16211E-02	-0.44473E-03	0.16810E-02	105.3
	3	0.19101E-02	0.31275E-02	0.36647E-02	31.4
	4	0.10824E-00	0.70372E-01	0.12910E-00	56.9
	5	0.54578E-02	-0.59003E-03	0.54896E-02	96.1
	6	0.27717E-02	-0.10454E-02	0.29623E-02	110.6
	7	0.33310E-02	0.19785E-03	0.33369E-02	86.6
	8	0.54596E-01	0.51196E-01	0.74845E-01	46.8
	9	0.31543E-02	0.28263E-03	0.31670E-02	84.8
	10	0.11104E-02	-0.78519E-03	0.13599E-02	125.2

MAX= 0.26777E 00 MIN=-0.75677E-01 PEAK TO PEAK/2= 0.17172E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

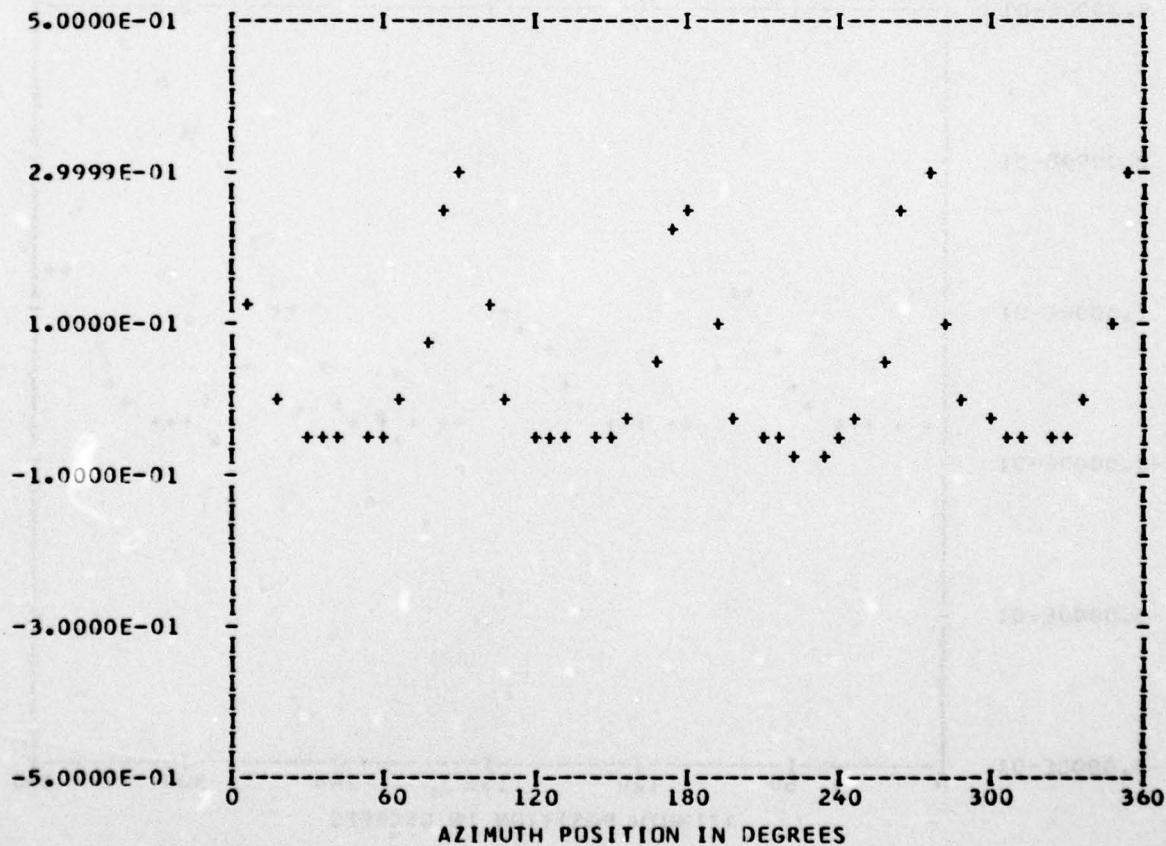
*** PS017.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 1
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.41147E-01	1	0.11468E-01	0.56647E-02	0.12791E-01	63.7
	2	0.20306E-02	-0.20810E-02	0.29075E-02	135.7
	3	0.61000E-02	-0.86704E-03	0.61613E-02	98.0
	4	0.14096E-00	-0.44954E-01	0.14796E-00	107.6
	5	0.83776E-02	-0.39253E-02	0.92516E-02	115.1
	6	-0.57705E-03	-0.73555E-03	0.93490E-03	218.1
	7	0.38554E-02	-0.31232E-02	0.49617E-02	129.0
	8	0.61172E-01	-0.43999E-01	0.75352E-01	125.7
	9	0.10369E-02	-0.17303E-02	0.20172E-02	149.0
	10	-0.19113E-02	-0.12740E-02	0.22970E-02	236.3

MAX= 0.32552E 00 MIN=-0.64291E-01 PEAK TO PEAK/2= 0.19491E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

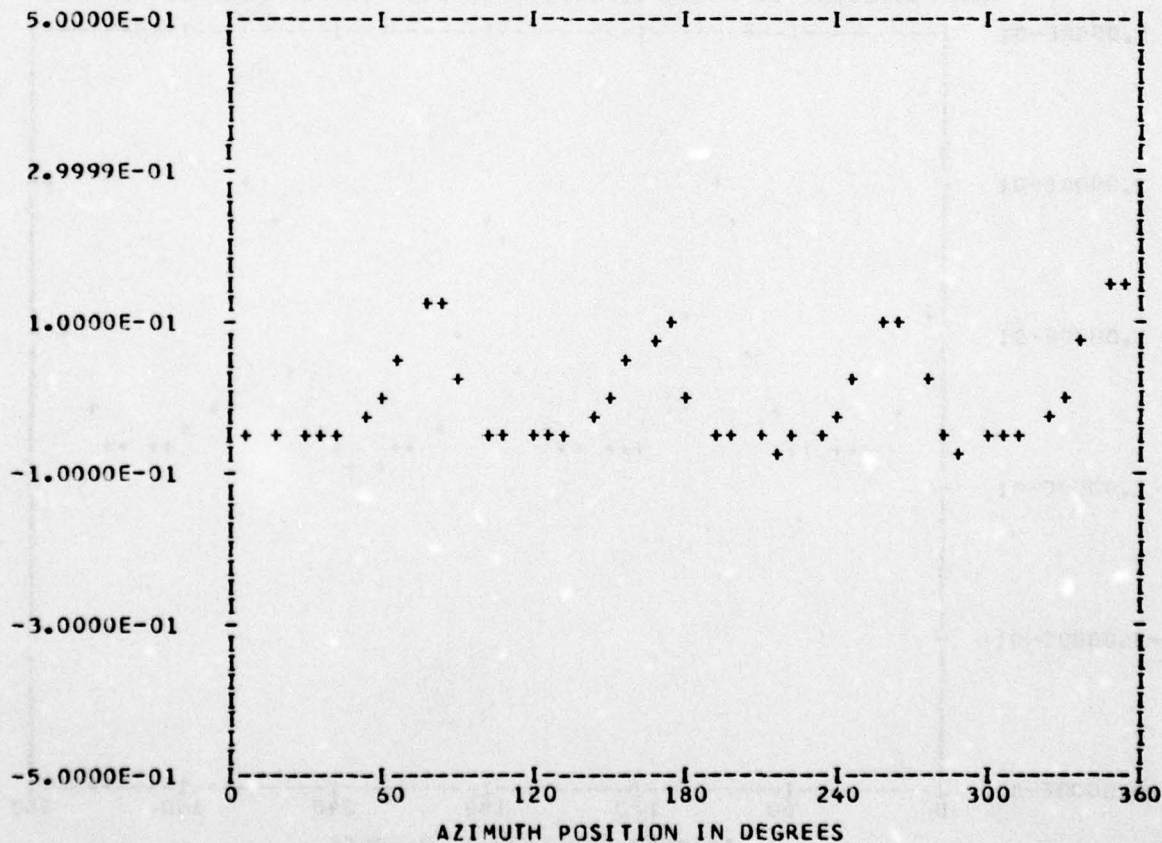
*** PS017.6 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 Bandedge 0

RUN 18
 IP 1
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23172E-02	1	0.92461E-02	0.29143E-02	0.96945E-02	72.5
	2	0.17296E-02	-0.27461E-02	0.32454E-02	147.7
	3	0.26192E-02	-0.55143E-02	0.61048E-02	154.5
	4	0.30634E-01	-0.77993E-01	0.83794E-01	158.5
	5	0.18610E-02	-0.57618E-02	0.60549E-02	162.1
	6	-0.12623E-02	0.29037E-04	0.12626E-02	271.3
	7	-0.98251E-04	-0.33786E-02	0.33800E-02	181.6
	8	-0.17283E-01	-0.29054E-01	0.33806E-01	210.7
	9	-0.20177E-02	-0.85181E-03	0.21901E-02	247.1
	10	0.21885E-03	0.10682E-02	0.10904E-02	11.5

MAX= 0.14111E 00 MIN=-0.63447E-01 PEAK TO PEAK/2= 0.10227E 00



UTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

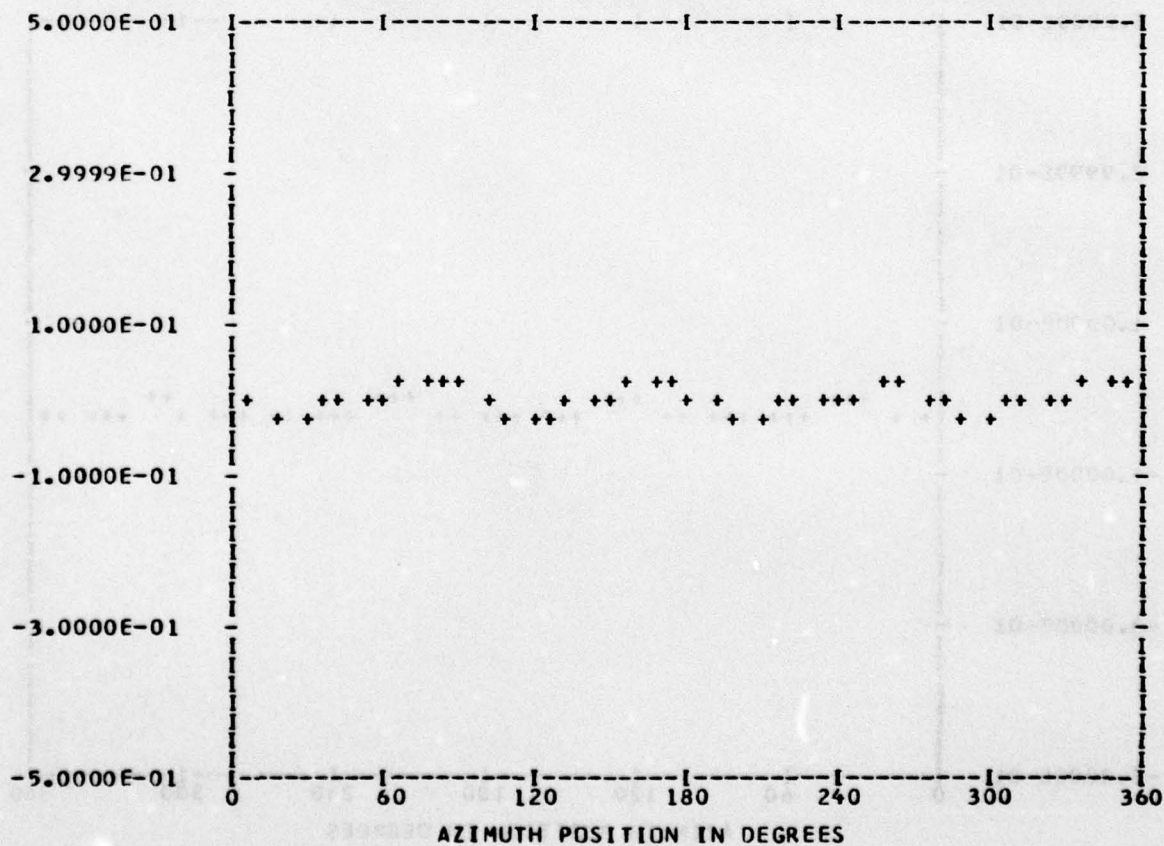
*** PS017.7 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 RANDEGE 0

RUN 18
 TP 1
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.23639E-02	1	0.38718E-02	0.14886E-02	0.41481E-02	68.9
	2	0.26782E-03	-0.13507E-02	0.13770E-02	168.7
	3	-0.77653E-03	-0.13836E-02	0.15866E-02	209.3
	4	0.50105E-02	-0.19367E-01	0.20005E-01	165.4
	5	0.97356E-03	-0.15397E-02	0.18217E-02	147.6
	6	-0.10871E-02	0.35749E-03	0.11444E-02	288.2
	7	0.61077E-03	-0.95217E-03	0.11312E-02	147.3
	8	-0.20114E-02	-0.47194E-02	0.51301E-02	203.0
	9	-0.86681E-03	-0.45714E-03	0.97997E-03	242.1
	10	-0.20146E-03	-0.41659E-04	0.20572E-03	258.3

MAX= 0.35450E-01 MIN=-0.18763E-01 PEAK TO PEAK/2= 0.27107E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

```

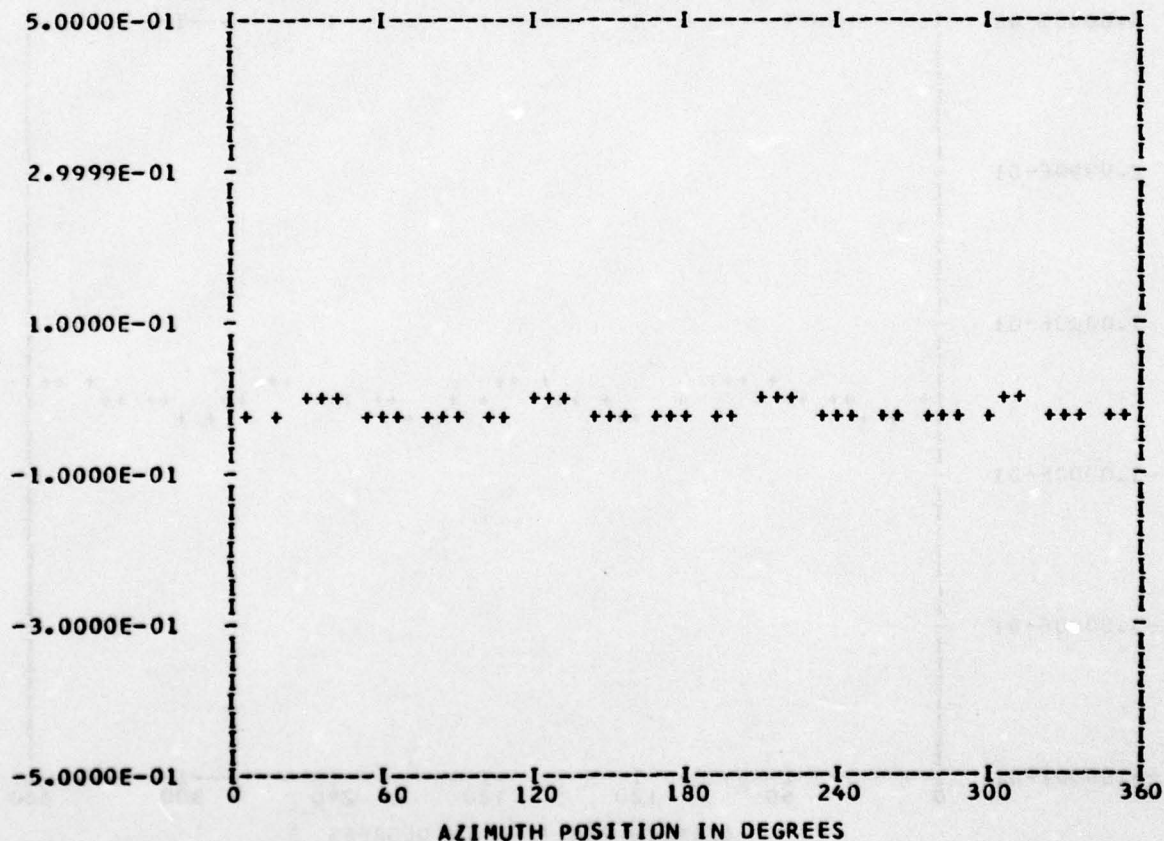
*** PS023.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 0

RUN 18
TP 1
CHAN 55

STEADY -0.21796E-01
HARM 1 COS COEFF 0.79558E-03 SIN COEFF 0.20716E-02 RES 0.22191E-02 PHASE 21.0
2 0.17509E-02 0.23754E-03 0.17669E-02 82.2
3 0.96038E-03 0.12263E-02 0.15576E-02 38.0
4 -0.72536E-02 0.12318E-01 0.14295E-01 329.5
5 0.30054E-04 0.11527E-02 0.11531E-02 1.4
6 0.21971E-03 0.42427E-03 0.47779E-03 27.3
7 0.26629E-03 -0.35726E-03 0.44558E-03 143.3
8 -0.27982E-02 -0.96503E-03 0.29599E-02 250.9
9 -0.16172E-03 -0.56240E-04 0.17122E-03 250.8
10 -0.16699E-03 0.66239E-04 0.17965E-03 291.6
    
```

MAX= 0.24820E-02 MIN=-0.36683E-01 PEAK TO PEAK/2= 0.19582E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

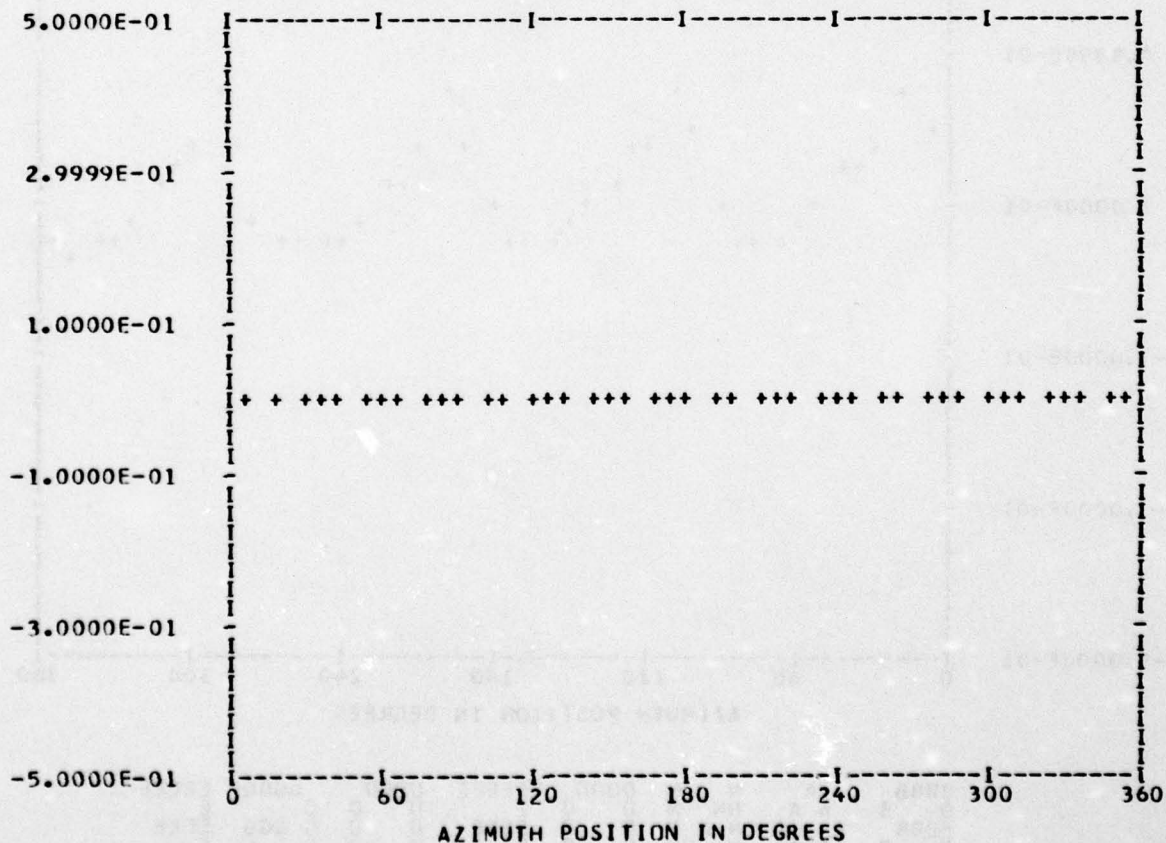
*** PS023.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 1
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23451E-02	1	0.41798E-04	0.19608E-04	0.46169E-04	64.8
	2	0.37755E-04	0.23318E-04	0.44375E-04	58.3
	3	-0.28236E-04	0.13676E-03	0.13964E-03	348.3
	4	0.54442E-04	0.52031E-04	0.75308E-04	46.2
	5	0.30306E-04	0.17816E-05	0.30358E-04	86.6
	6	0.69688E-05	0.66208E-04	0.66574E-04	6.0
	7	0.15479E-04	-0.50424E-05	0.16279E-04	108.0
	8	0.18631E-03	0.44704E-04	0.19160E-03	76.5
	9	0.18180E-04	0.79073E-04	0.81136E-04	12.9
	10	0.54228E-04	-0.60760E-04	0.81440E-04	138.2

MAX=-0.16945E-02 MIN=-0.27839E-02 PEAK TO PEAK/2= 0.54468E-03



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

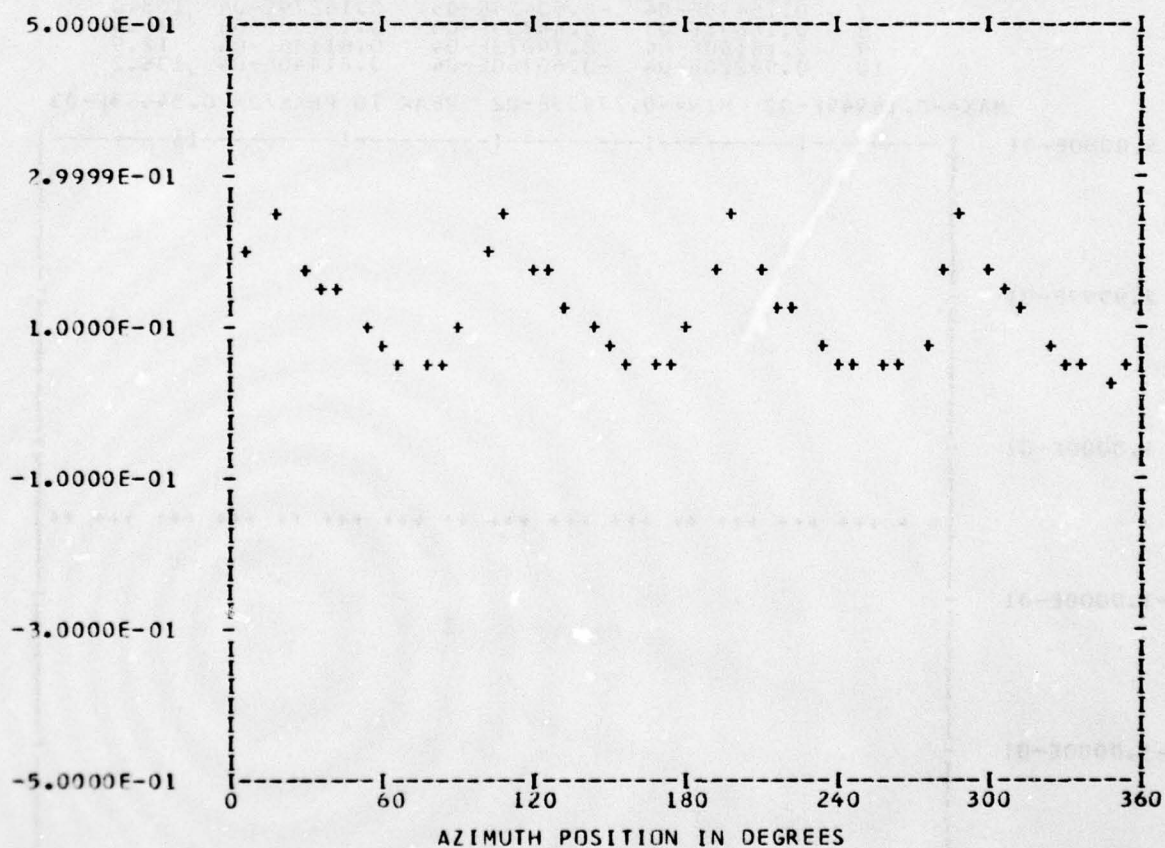
*** PS023.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 3

RUN 18
 TP 1
 CHAN 62

HARMONIC ANALYSIS SKIPPED

MAX= 0.24423E 00 MIN= 0.36550E-01 PEAK TO PEAK/2= 0.10384E 00



BBBB	A	N	N	DDDD	EEEE	DDDD	GGGG	EEEE
B	A A	NN	NN	D D	E	D D	G G	E
BBBB	A A A	NN	NN	D D	EEEE	D D	G GGG	EEEE
B	AAAAA	NN	NN	D D	E	D D	G G	E
BBBB	A A	NN	NN	DDDD	EEEE	DDDD	GGGG	EEEE

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

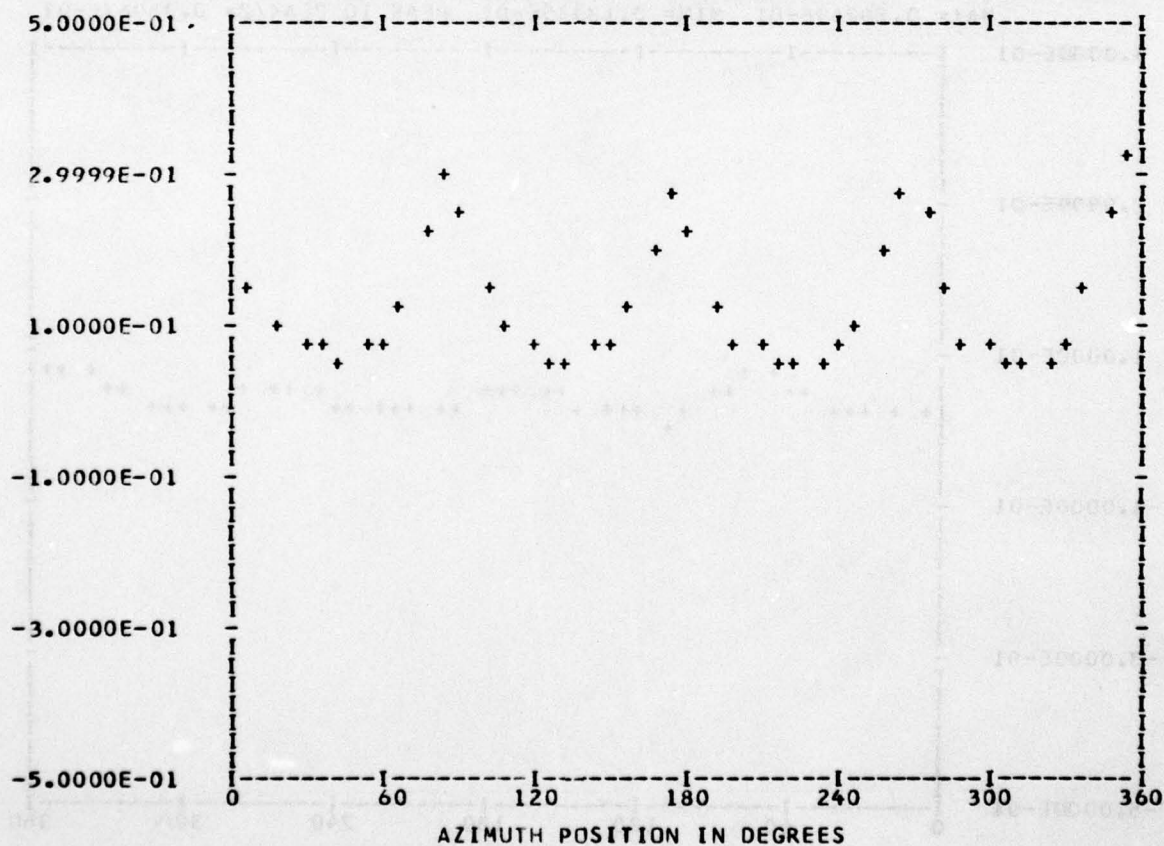
*** PS023.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 1
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.13201E 00	1	0.11656E-01	0.63992E-02	0.13297E-01	61.2
	2	0.17446E-02	-0.35507E-02	0.39561E-02	153.8
	3	0.41004E-02	-0.53451E-02	0.67367E-02	142.5
	4	0.90581E-01	-0.60250E-01	0.10878E 00	123.6
	5	0.56857E-02	-0.38949E-02	0.68919E-02	124.4
	6	-0.47130E-03	-0.93326E-03	0.10455E-02	206.7
	7	0.15186E-02	-0.31558E-02	0.35022E-02	154.3
	8	0.11943E-01	-0.41113E-01	0.42812E-01	163.8
	9	0.83172E-04	-0.20931E-02	0.20948E-02	177.7
	10	-0.60990E-03	-0.88724E-03	0.10766E-02	214.5

MAX= 0.33103E 00 MIN= 0.45659E-01 PEAK TO PEAK/2= 0.14268E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

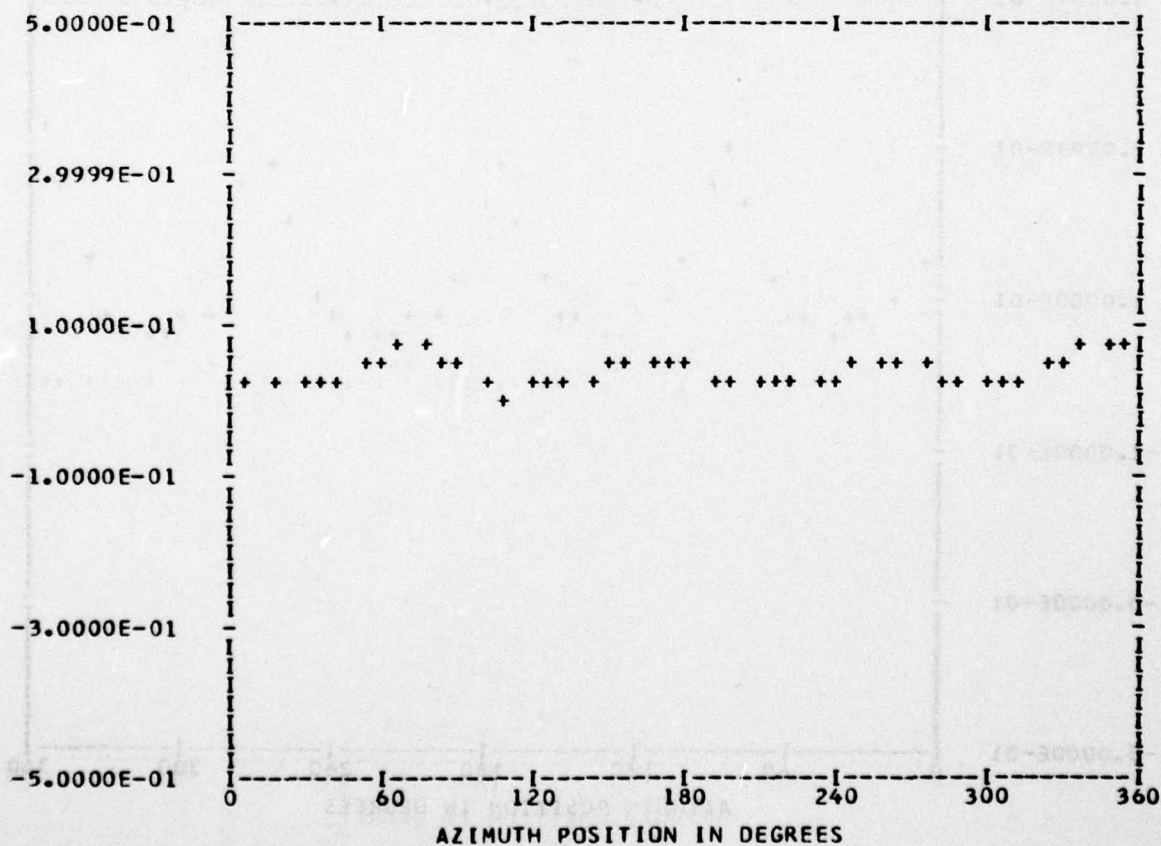
*** PS023.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 1
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.38360E-01	1	0.61678E-02	0.13158E-02	0.63066E-02	77.9
	2	0.54599E-03	-0.22185E-02	0.22847E-02	166.1
	3	-0.15131E-02	-0.11559E-02	0.19041E-02	232.6
	4	0.81489E-03	-0.26096E-01	0.26109E-01	178.2
	5	-0.59632E-04	-0.29915E-02	0.29921E-02	181.1
	6	-0.12396E-02	0.39370E-03	0.13007E-02	287.6
	7	-0.75537E-04	-0.13109E-02	0.13131E-02	183.2
	8	-0.50555E-02	-0.30165E-02	0.58870E-02	239.1
	9	-0.53581E-03	0.36654E-04	0.53706E-03	273.9
	10	-0.83233E-04	0.20969E-04	0.85834E-04	284.1

MAX= 0.80269E-01 MIN= 0.12335E-01 PEAK TO PEAK/2= 0.33967E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

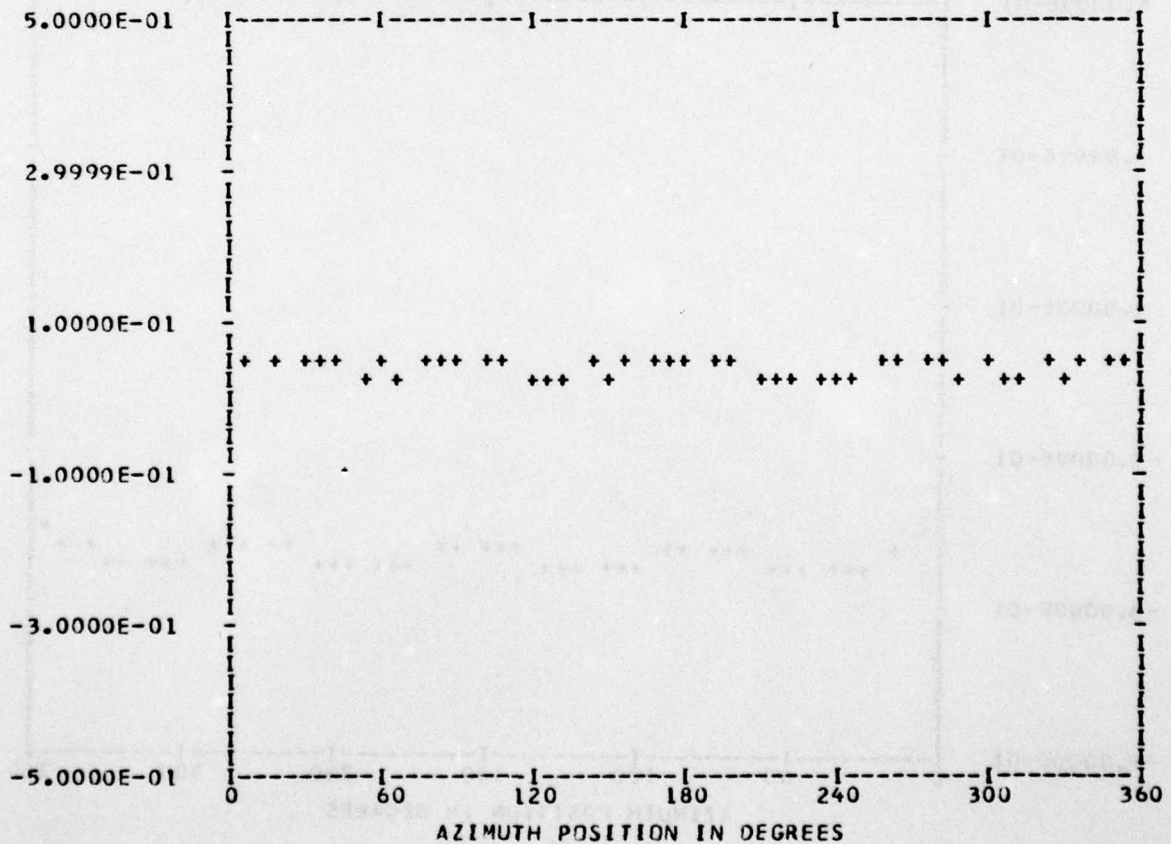
*** PS026.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 Bandedge 0

RUN 18
 TP 1
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.41376E-01	1	0.15615E-02	0.20442E-02	0.25724E-02	37.3
	2	0.14787E-02	-0.21863E-02	0.26394E-02	145.9
	3	-0.11111E-02	0.12275E-02	0.16557E-02	317.8
	4	0.72921E-02	-0.45425E-02	0.85912E-02	121.9
	5	-0.12999E-02	0.65742E-03	0.14567E-02	296.8
	6	-0.16245E-02	0.41368E-03	0.16763E-02	284.2
	7	0.57632E-03	-0.28605E-02	0.29180E-02	168.6
	8	0.11149E-02	-0.84873E-03	0.14012E-02	127.2
	9	-0.15064E-02	0.14477E-02	0.20893E-02	313.8
	10	0.71077E-03	0.12467E-02	0.14350E-02	29.6

MAX= 0.61431E-01 MIN= 0.23921E-01 PEAK TO PEAK/2= 0.18754E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

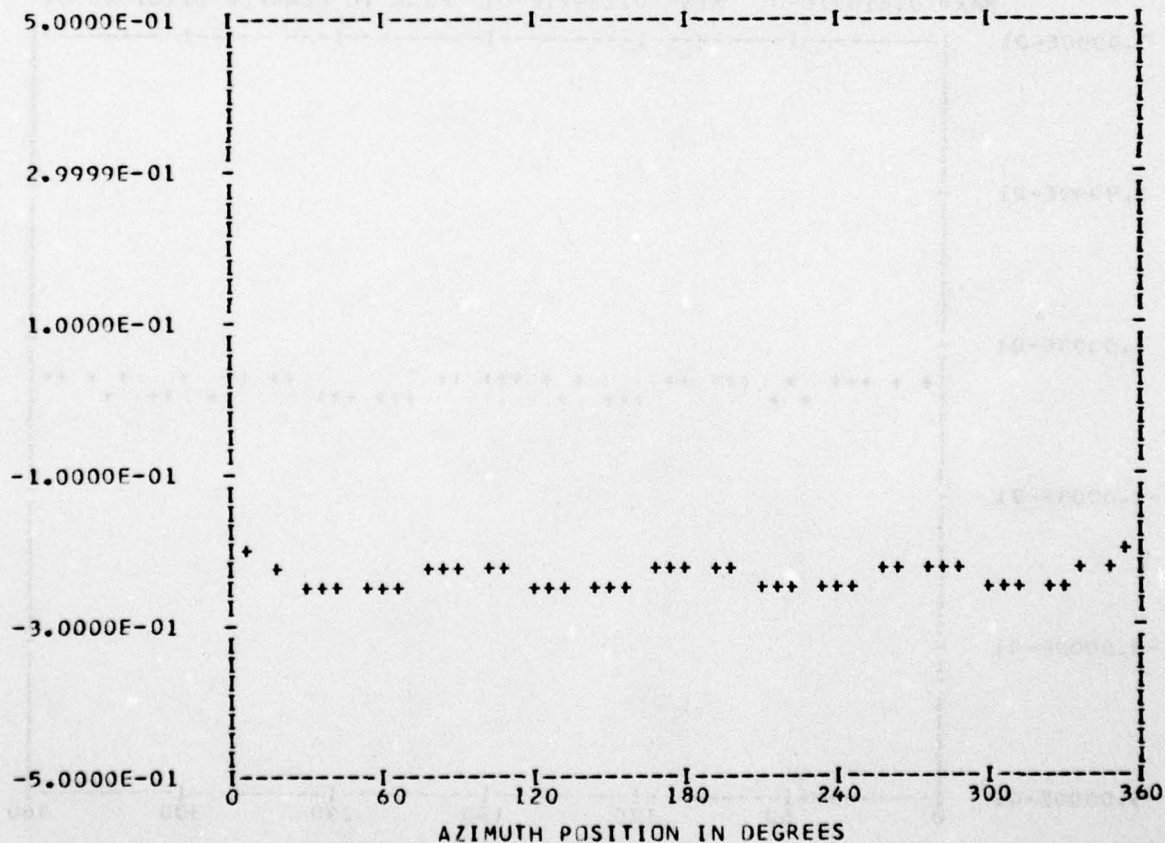
*** PS004.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 0

RUN 19
TP 8
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23258E 00	1	0.35098E-02	-0.14821E-02	0.38099E-02	112.8
	2	0.20538E-02	-0.17680E-02	0.27100E-02	130.7
	3	0.18333E-02	-0.34830E-02	0.39360E-02	152.2
	4	0.18134E-01	-0.71914E-02	0.19507E-01	111.6
	5	0.24581E-02	-0.41985E-03	0.24937E-02	99.6
	6	0.69580E-03	-0.37402E-03	0.78996E-03	118.2
	7	0.81510E-03	-0.33676E-03	0.88193E-03	112.4
	8	0.37111E-02	0.86944E-03	0.38116E-02	76.8
	9	0.87079E-03	-0.26759E-03	0.91098E-03	107.0
	10	-0.11720E-03	-0.53747E-03	0.55011E-03	192.3

MAX=-0.19435E 00 MIN=-0.25726E 00 PEAK TO PEAK/2= 0.31456E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

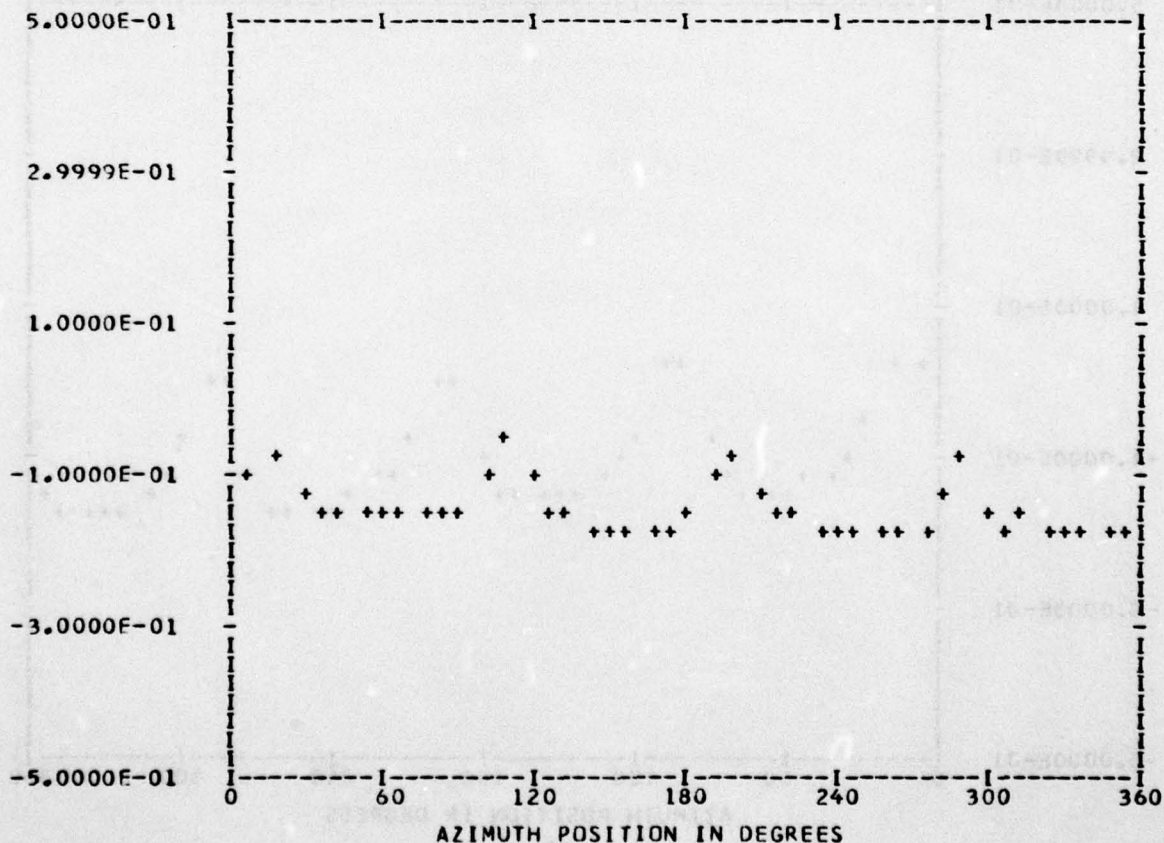
*** PS013.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 19
 TP 8
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14780E 00	1	0.37430E-03	0.12515E-01	0.12520E-01	1.7
	2	0.22776E-04	0.17553E-02	0.17554E-02	0.7
	3	-0.12223E-02	-0.42610E-02	0.44328E-02	196.0
	4	0.26124E-01	0.26267E-01	0.37047E-01	44.8
	5	-0.20733E-02	0.22041E-02	0.30260E-02	316.7
	6	-0.80466E-04	0.82057E-03	0.82450E-03	354.3
	7	0.16563E-02	0.20602E-04	0.16565E-02	89.2
	8	0.72575E-02	0.20886E-01	0.22111E-01	19.1
	9	0.23537E-03	0.24587E-03	0.34038E-03	43.7
	10	-0.25497E-03	-0.58608E-03	0.63914E-03	203.5

MAX=-0.49748E-01 MIN=-0.18554E 00 PEAK TC PEAK/2= 0.67897E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

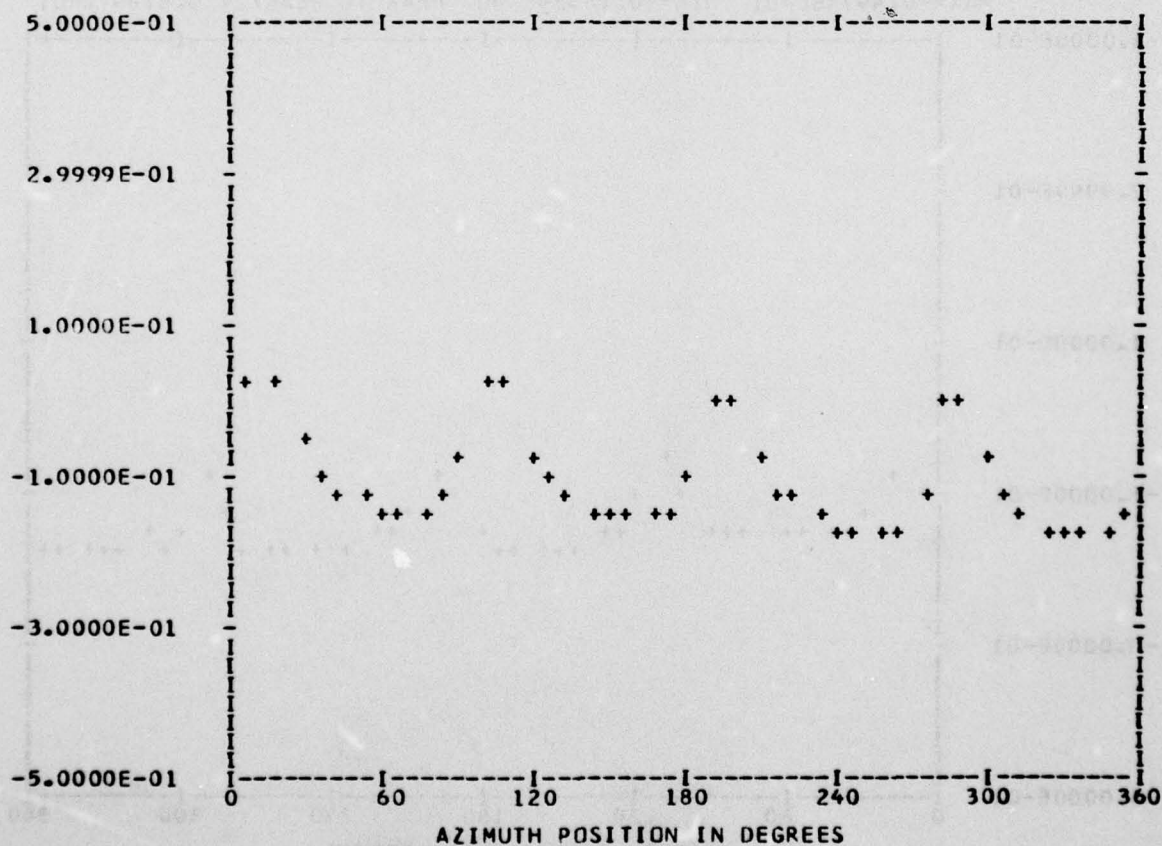
*** PS013.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 8
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10473E 00	1	0.45287E-02	0.15455E-01	0.16105E-01	16.3
	2	0.22220E-03	0.27326E-02	0.27416E-02	4.6
	3	-0.80134E-03	-0.65060E-03	0.10322E-02	230.9
	4	0.70119E-01	0.39622E-01	0.80540E-01	60.5
	5	0.49660E-02	0.14147E-02	0.51636E-02	74.0
	6	0.62316E-03	-0.22112E-02	0.22973E-02	164.2
	7	0.90742E-03	0.91262E-03	0.12869E-02	44.8
	8	0.30614E-01	0.26016E-01	0.40176E-01	49.6
	9	0.10396E-02	0.91362E-03	0.13840E-02	48.6
	10	-0.12258E-03	-0.71700E-03	0.72741E-03	189.7

MAX= 0.36649E-01 MIN=-0.17755E 00 PEAK TO PEAK/2= 0.10710E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

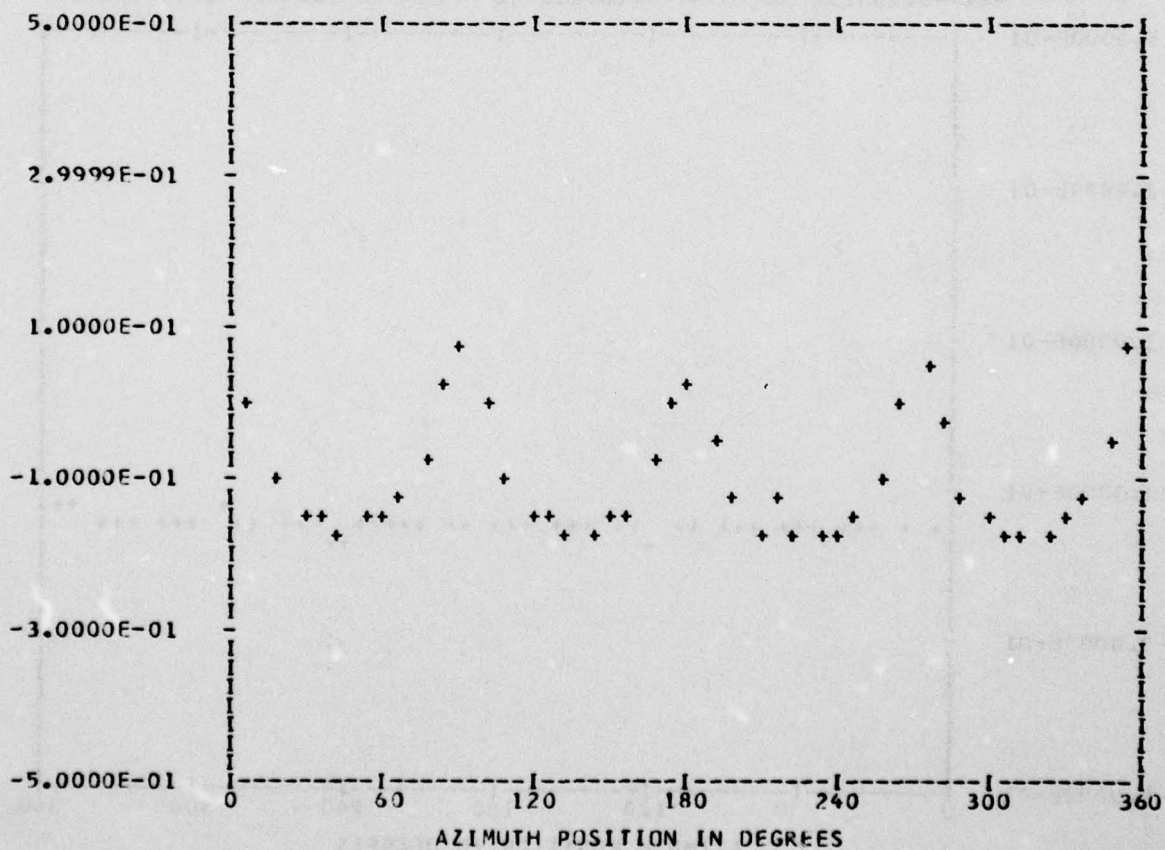
*** PS013.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 8
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.95446E-01	1	0.13119E-01	0.85399E-02	0.15654E-01	56.9
	2	0.27227E-02	0.10427E-03	0.27247E-02	87.8
	3	0.68935E-02	-0.54046E-02	0.87596E-02	128.0
	4	0.10265E-00	-0.20640E-01	0.10471E-00	101.3
	5	0.87532E-02	-0.29976E-02	0.92523E-02	108.9
	6	-0.11724E-02	-0.19814E-02	0.23023E-02	210.6
	7	0.48712E-02	-0.34451E-03	0.48834E-02	94.0
	8	0.40787E-01	-0.17925E-01	0.44552E-01	113.7
	9	0.30184E-03	0.11112E-02	0.11515E-02	15.1
	10	-0.21359E-04	-0.25511E-02	0.25512E-02	180.4

MAX= 0.10565E 00 MIN=-0.18486E 00 PEAK TO PEAK/2= 0.14526E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

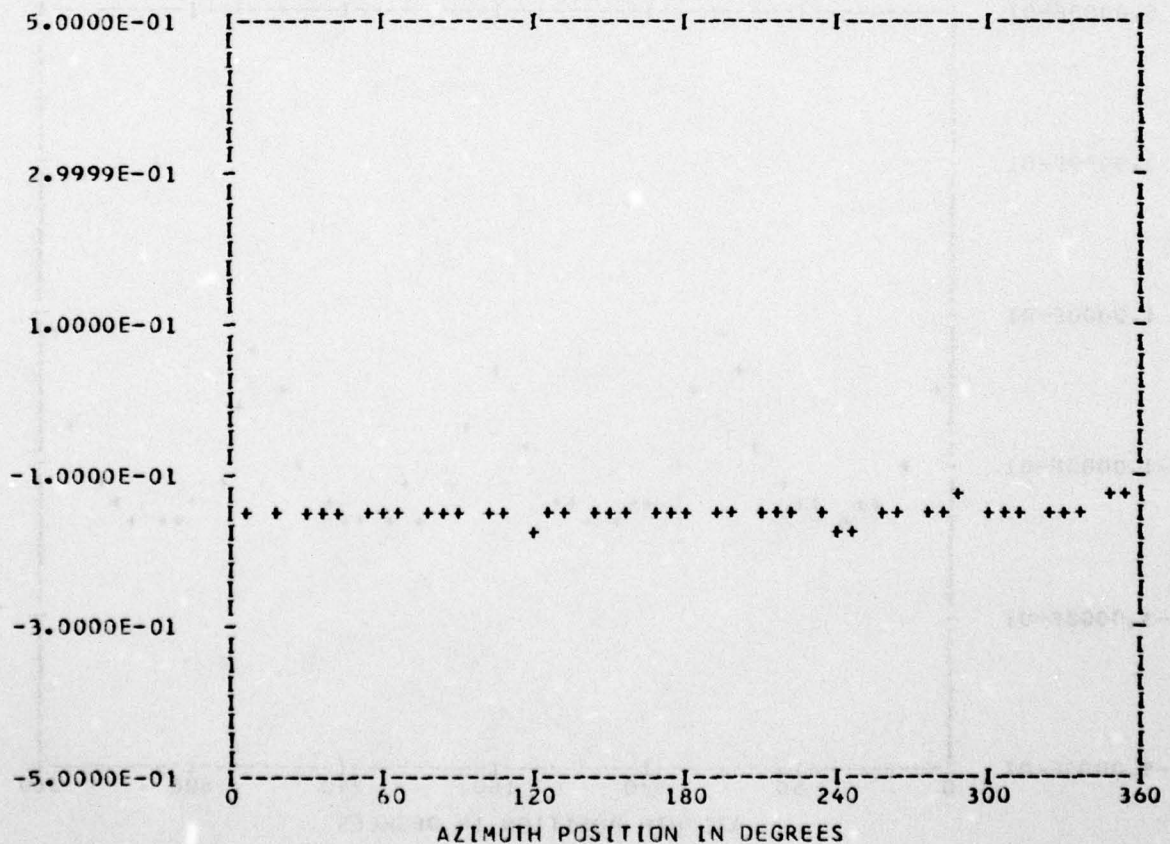
*** PS015.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 19
 TP 8
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15056E 00	1	0.41449E-02	0.56722E-03	0.41835E-02	82.2
	2	0.20401E-02	0.54275E-03	0.21111E-02	75.1
	3	-0.14371E-02	-0.17688E-02	0.22790E-02	219.0
	4	0.61807E-02	-0.16026E-02	0.63850E-02	104.5
	5	0.17272E-02	-0.21942E-02	0.27924E-02	141.7
	6	-0.25035E-02	0.20573E-03	0.25119E-02	274.6
	7	0.28584E-03	-0.11153E-02	0.11513E-02	165.6
	8	0.10712E-02	-0.21804E-02	0.24294E-02	153.8
	9	-0.15490E-02	0.12243E-02	0.19744E-02	308.3
	10	0.33596E-03	-0.16571E-03	0.37461E-03	116.2

MAX=-0.13325E 00 MIN=-0.16921E 00 PEAK TO PEAK/2= 0.17983E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

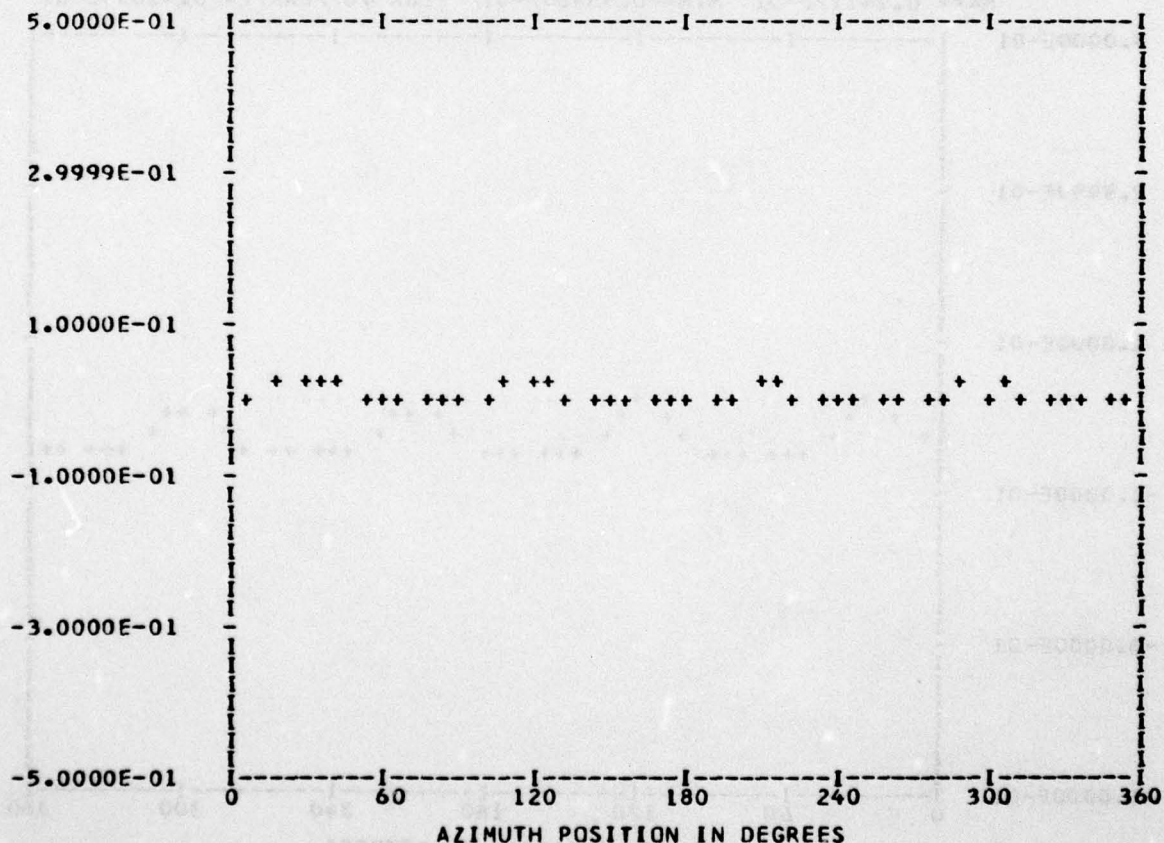
*** PS017.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 8
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.63722E-02	1	0.24510E-02	0.18665E-02	0.30808E-02	52.7
	2	0.16940E-02	-0.25900E-03	0.17137E-02	98.6
	3	0.11739E-02	-0.13968E-03	0.11822E-02	96.7
	4	-0.45118E-03	0.10747E-01	0.10757E-01	357.5
	5	-0.54902E-03	-0.47420E-03	0.72546E-03	229.1
	6	-0.58242E-03	-0.26690E-03	0.64066E-03	245.3
	7	0.14587E-03	0.50823E-03	0.52875E-03	16.0
	8	-0.10653E-02	-0.19257E-03	0.10825E-02	259.7
	9	0.34872E-05	-0.22083E-03	0.22086E-03	179.0
	10	-0.35627E-03	-0.30954E-03	0.47196E-03	229.0

MAX= 0.25734E-01 MIN=-0.82438E-02 PEAK TO PEAK/2= 0.16989E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

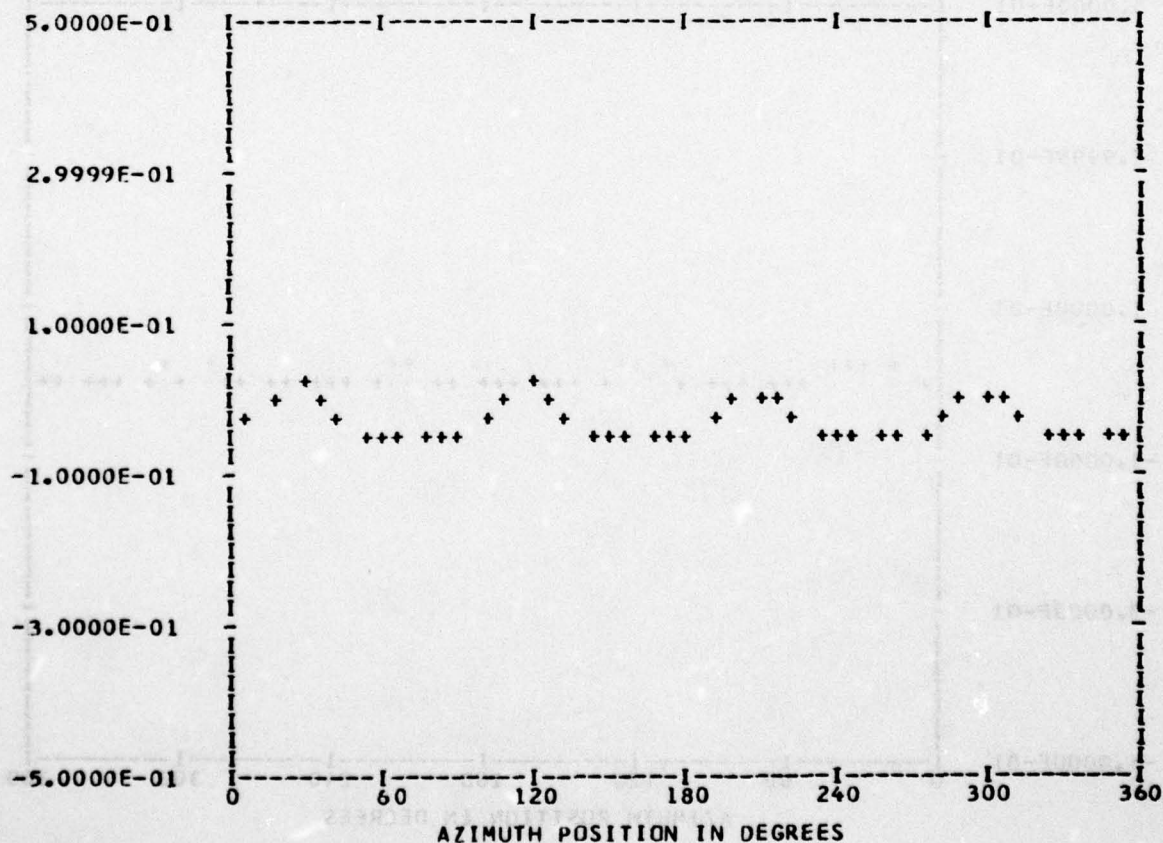
*** PS017.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 8
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.29728E-01	1	0.24179E-02	0.17132E-02	0.29633E-02	54.6
	2	0.14263E-02	0.30020E-03	0.14576E-02	78.1
	3	0.36928E-02	0.44722E-03	0.37197E-02	83.0
	4	0.90172E-02	0.28997E-01	0.30366E-01	17.2
	5	-0.55751E-03	0.72117E-03	0.91154E-03	322.2
	6	-0.62736E-03	-0.44054E-04	0.62891E-03	265.9
	7	-0.44901E-03	0.71703E-03	0.84602E-03	327.9
	8	-0.10155E-01	0.38803E-02	0.10871E-01	290.9
	9	-0.90854E-03	0.42404E-03	0.10026E-02	295.0
	10	-0.70875E-03	-0.12186E-03	0.71915E-03	260.2

MAX= 0.24712E-01 MIN=-0.56607E-01 PEAK TO PEAK/2= 0.40659E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

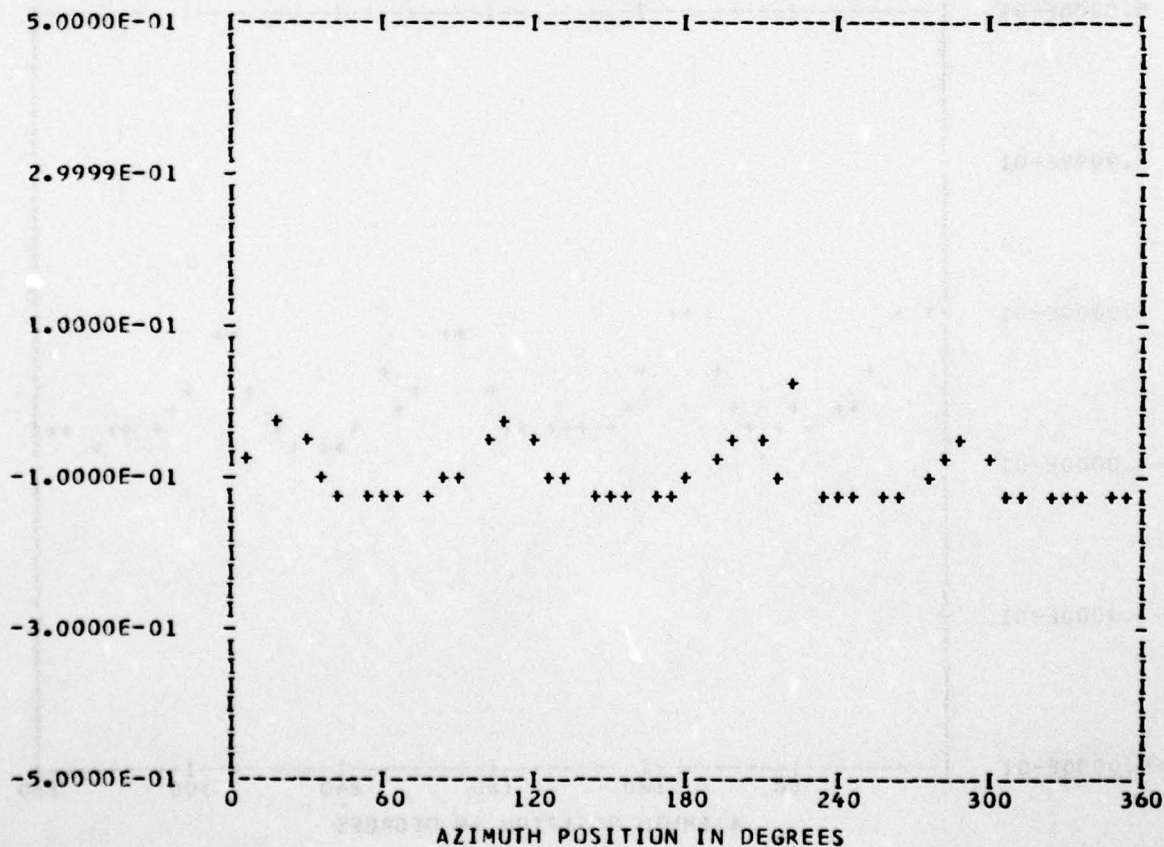
*** PS017.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 19
 TP 8
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.95889E-01	1	-0.48386E-02	0.40589E-02	0.63156E-02	309.9
	2	0.20709E-02	0.63501E-02	0.66793E-02	18.0
	3	0.38960E-02	-0.72023E-02	0.81886E-02	151.5
	4	0.23097E-01	0.27775E-01	0.36124E-01	39.7
	5	0.61050E-02	-0.96035E-03	0.61801E-02	98.9
	6	-0.56622E-02	-0.26342E-02	0.62450E-02	245.0
	7	0.30478E-02	0.66789E-02	0.73414E-02	24.5
	8	0.15914E-03	0.12029E-01	0.12030E-01	0.7
	9	-0.37854E-02	0.47910E-02	0.61060E-02	321.6
	10	0.49565E-02	-0.18178E-02	0.52794E-02	110.1

MAX= 0.16176E-01 MIN=-0.13068E 00 PEAK TO PEAK/2= 0.73431E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

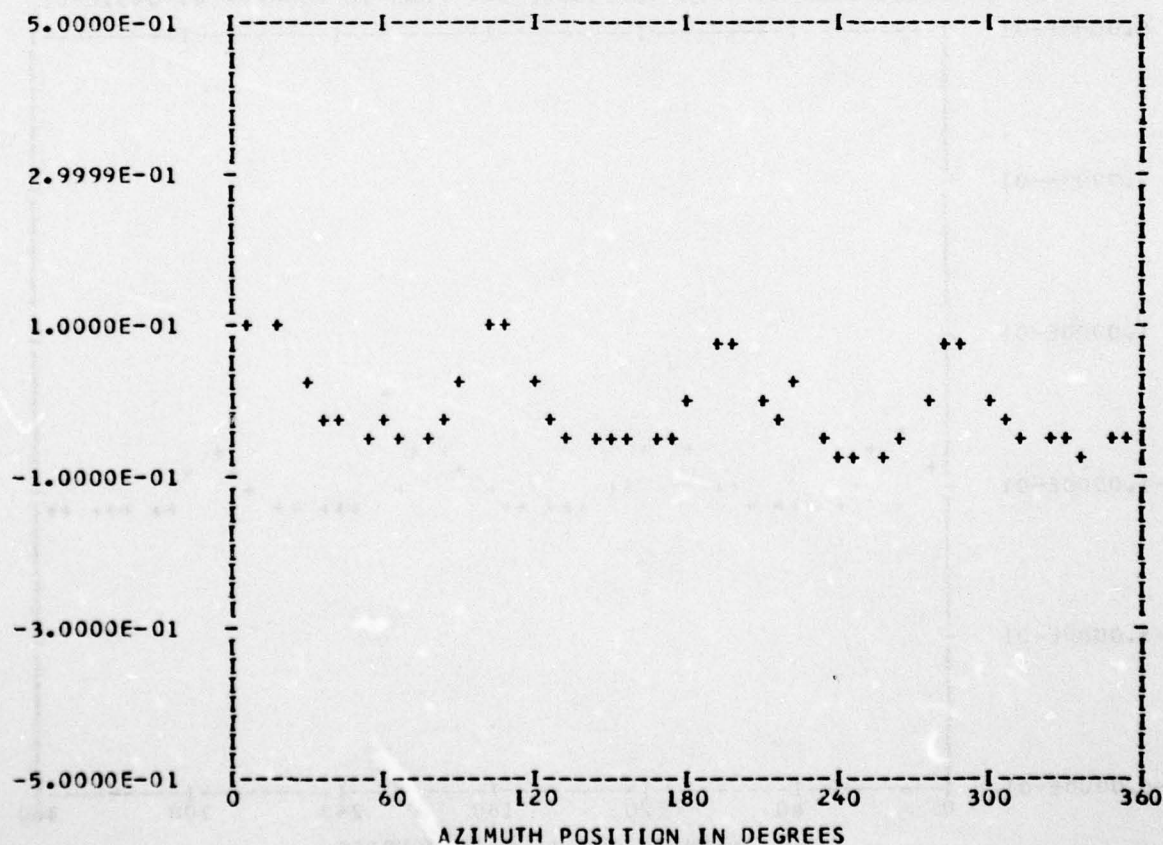
*** PS017.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 19
 TP 8
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11760E-01	1	0.56055E-02	0.10494E-01	0.11897E-01	28.1
	2	0.22929E-02	0.39490E-02	0.45664E-02	30.1
	3	0.30444E-02	-0.30709E-02	0.43242E-02	135.2
	4	0.58629E-01	0.30349E-01	0.66019E-01	62.6
	5	0.65247E-02	-0.11363E-02	0.66229E-02	99.8
	6	-0.22604E-02	-0.20001E-02	0.30183E-02	228.4
	7	0.48834E-02	0.23524E-02	0.54205E-02	64.2
	8	0.28055E-01	0.12920E-01	0.30888E-01	65.2
	9	-0.79385E-03	0.26942E-02	0.28087E-02	343.5
	10	0.26546E-02	-0.20210E-02	0.33364E-02	127.2

MAX= 0.11016E 00 MIN=-0.75677E-01 PEAK TO PEAK/2= 0.92920E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

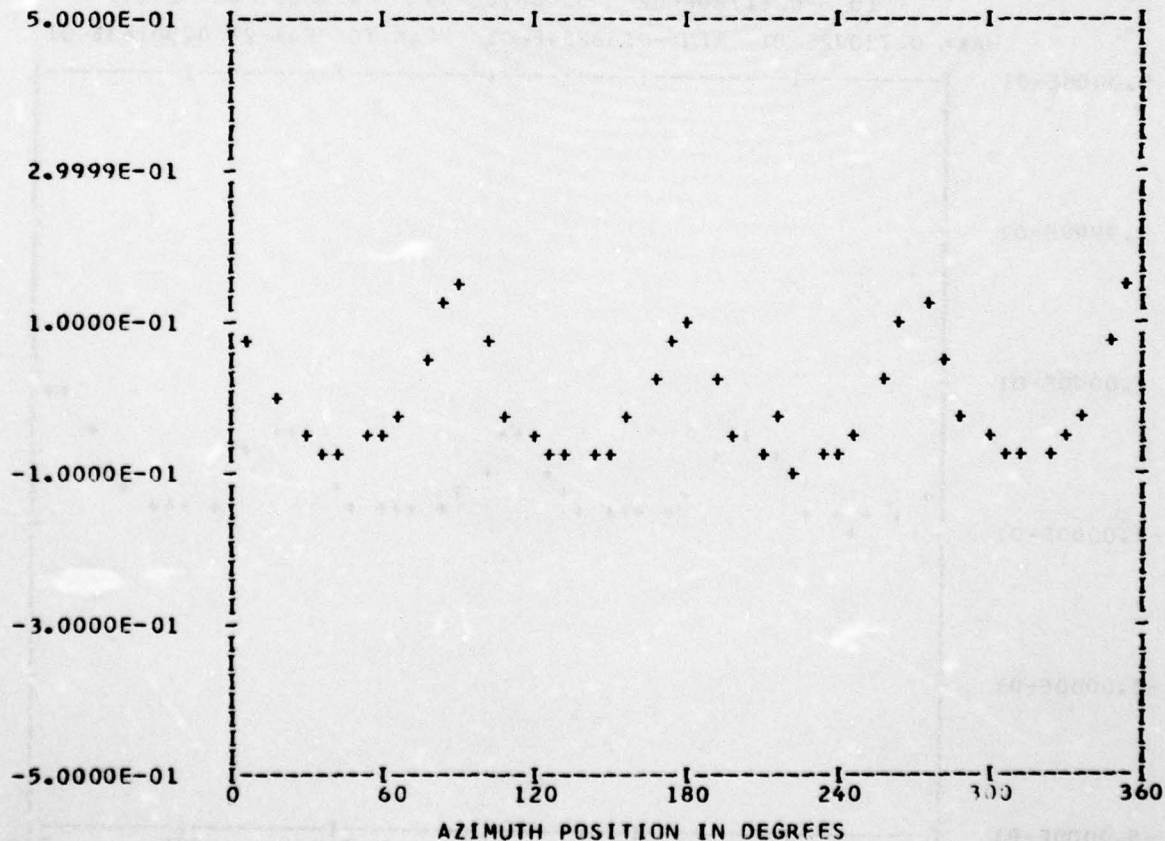
*** PS017.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 Bandedge 0

RUN 19
 TP 8
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.24339E-02	1	0.13580E-01	0.51862E-02	0.14537E-01	69.0
	2	0.26208E-02	-0.44028E-03	0.26576E-02	99.5
	3	0.81399E-02	-0.52439E-02	0.96828E-02	122.7
	4	0.90729E-01	-0.30525E-01	0.95726E-01	108.5
	5	0.77141E-02	-0.41926E-02	0.87799E-02	118.5
	6	-0.66044E-03	-0.17138E-02	0.18366E-02	201.0
	7	0.43657E-02	-0.12509E-02	0.45414E-02	105.9
	8	0.29218E-01	-0.21735E-01	0.36416E-01	126.6
	9	0.19189E-03	0.76658E-03	0.79024E-03	14.0
	10	-0.55665E-03	-0.16127E-02	0.17060E-02	199.0

MAX= 0.17197E 00 MIN=-0.87964E-01 PEAK TO PEAK/2= 0.12996E 00



AD-A061 079

BOEING VERTOL CO PHILADELPHIA PA
INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONF--ETC(U)
SEP 78 P F SHERIDAN

F/G 1/3

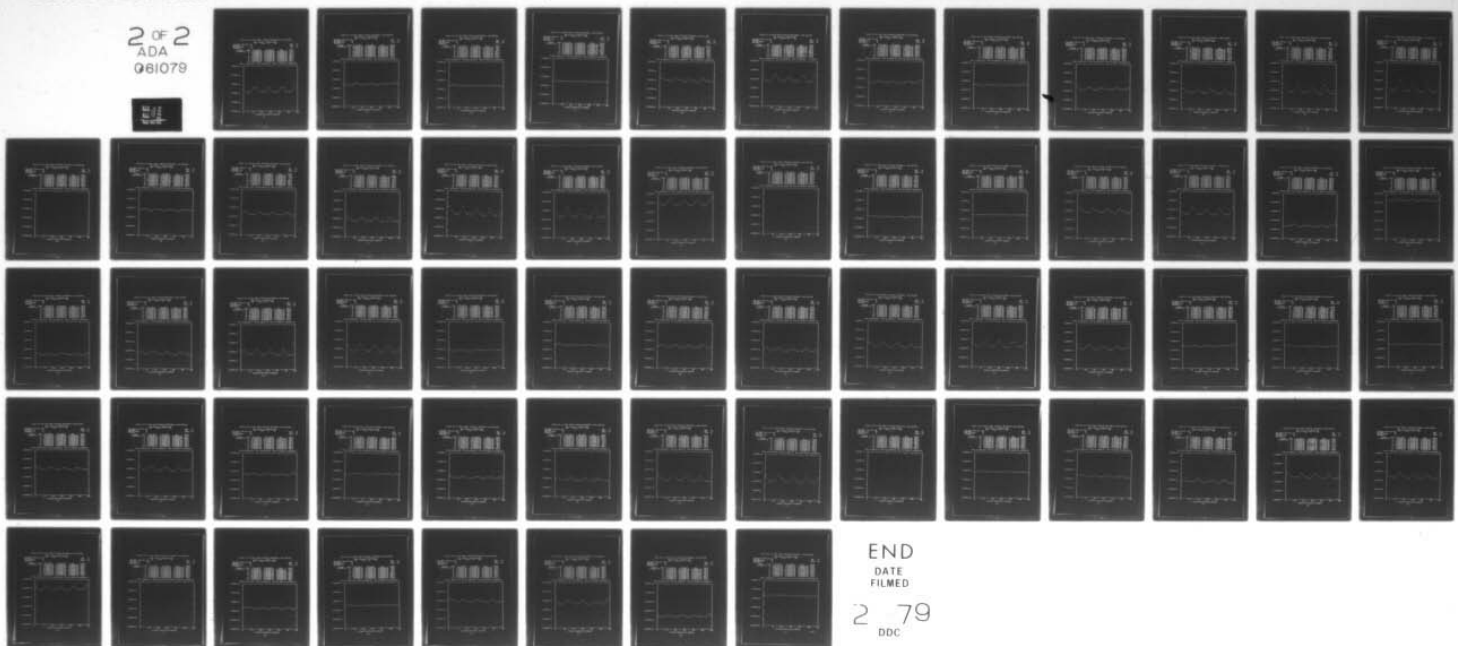
DAAJ02-77-C-0020

UNCLASSIFIED

USARTL-TR-78-23B-V2-D

NL

2 OF 2
ADA
081079



END
DATE
FILMED

2 79
DDC

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

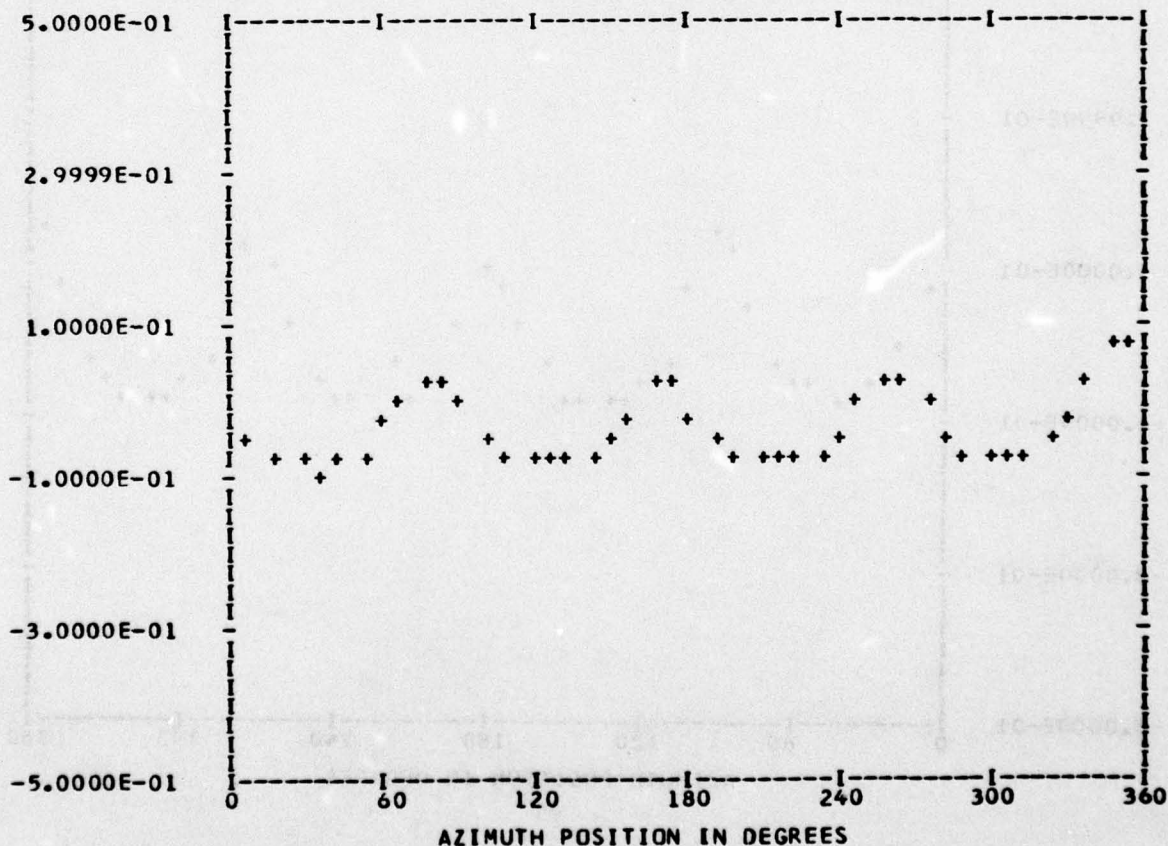
*** PS017.6 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 8
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.37067E-01	1	0.11753E-01	-0.19517E-02	0.11914E-01	99.4
	2	0.18398E-02	-0.29393E-02	0.34676E-02	147.9
	3	0.32668E-02	-0.75133E-02	0.81928E-02	156.5
	4	0.27806E-01	-0.54637E-01	0.61306E-01	153.0
	5	0.22381E-02	-0.50997E-02	0.55692E-02	156.3
	6	-0.25089E-03	-0.19189E-02	0.19353E-02	187.4
	7	-0.16949E-04	-0.26501E-02	0.26501E-02	180.3
	8	-0.57041E-02	-0.16186E-01	0.17161E-01	199.4
	9	-0.13224E-02	-0.63579E-03	0.14673E-02	244.3
	10	-0.11760E-02	0.46870E-03	0.12660E-02	291.7

MAX= 0.72072E-01 MIN=-0.88254E-01 PEAK TO PEAK/2= 0.80163E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

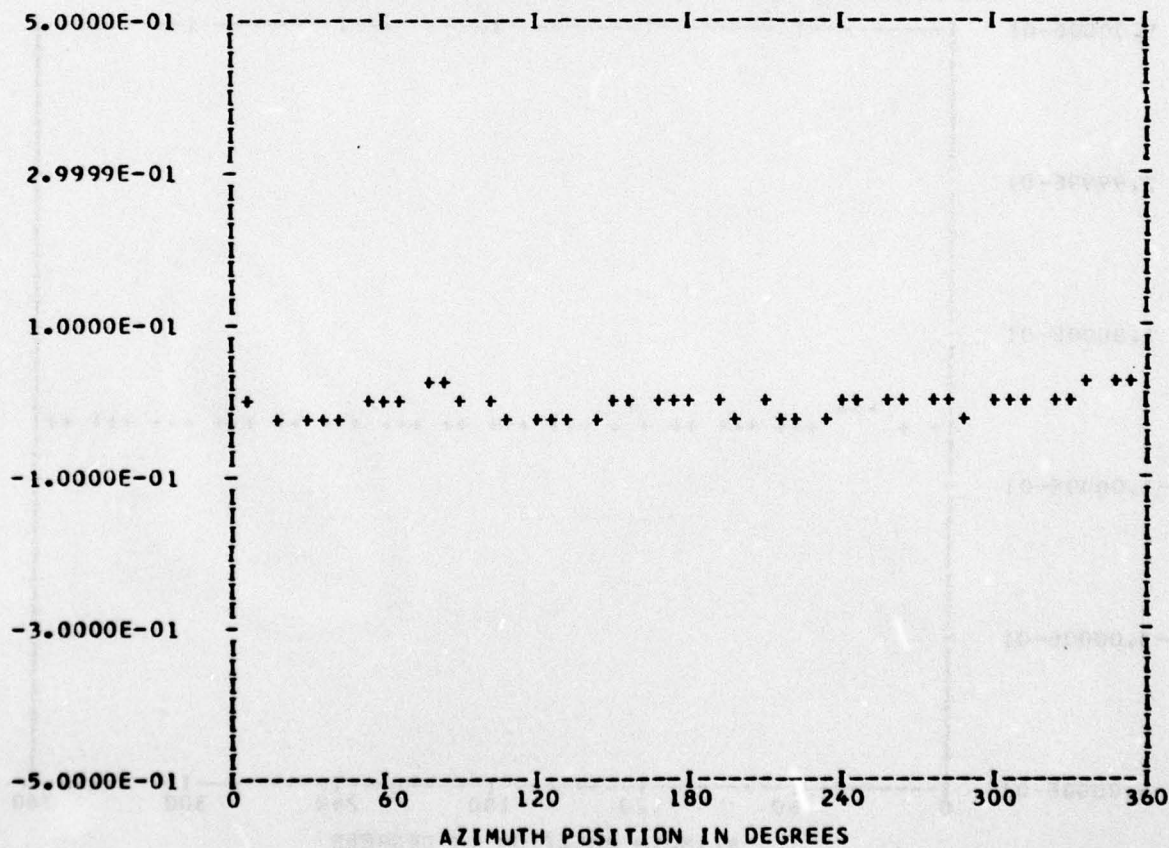
*** PS017.7 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 8
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.34898E-02	1	0.51139E-02	-0.24020E-04	0.51140E-02	90.2
	2	-0.70050E-04	-0.12242E-02	0.12262E-02	183.2
	3	-0.54176E-03	-0.29581E-02	0.30073E-02	190.3
	4	0.57015E-02	-0.13531E-01	0.14684E-01	157.1
	5	0.98605E-03	-0.28854E-02	0.30492E-02	161.1
	6	-0.42723E-03	-0.52296E-03	0.67529E-03	219.2
	7	0.91864E-03	-0.11502E-02	0.14720E-02	141.3
	8	-0.27655E-02	-0.29993E-02	0.40797E-02	222.6
	9	-0.40585E-03	-0.90283E-04	0.41577E-03	257.4
	10	-0.25364E-03	-0.33880E-03	0.42322E-03	216.8

MAX= 0.26749E-01 MIN=-0.17790E-01 PEAK TO PEAK/2= 0.22269E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

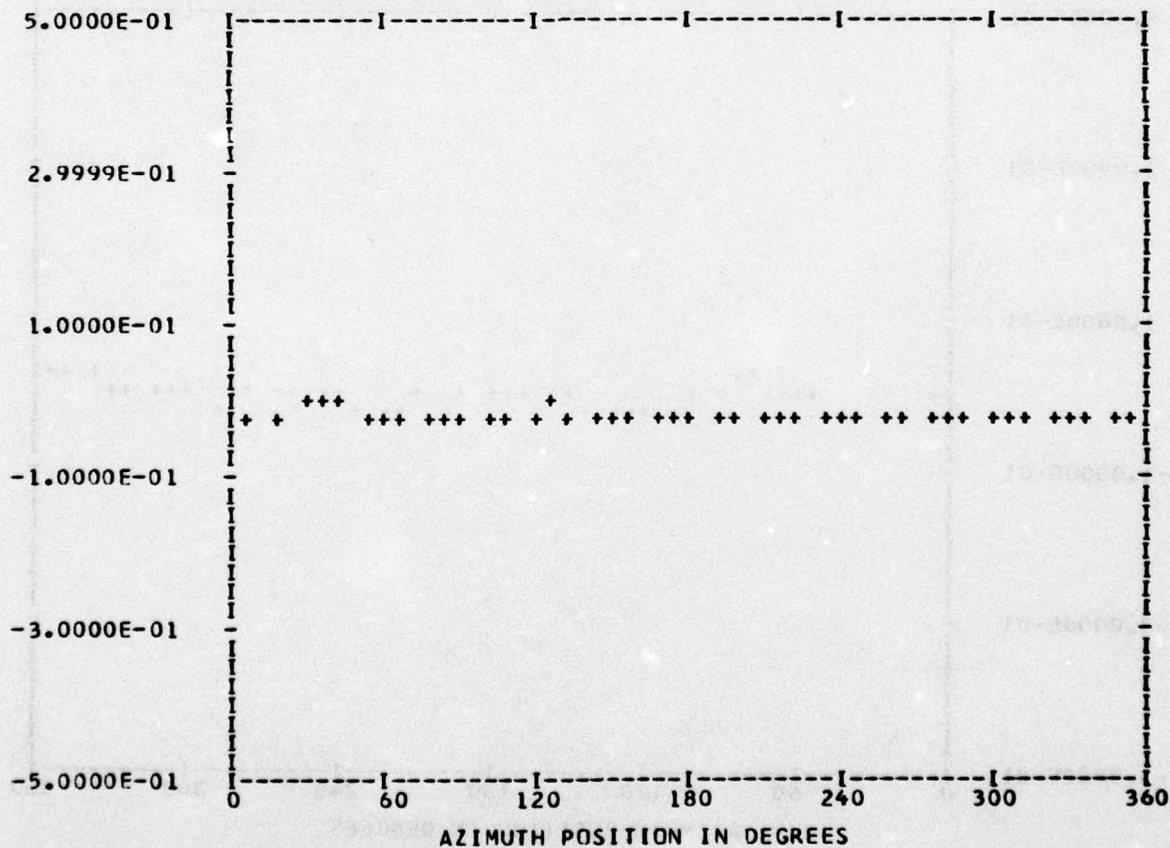
*** PS023.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 19
 TP 8
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23392E-01	1	0.18243E-02	0.10784E-02	0.21193E-02	59.4
	2	0.11720E-02	0.65576E-03	0.13430E-02	60.7
	3	0.45874E-03	0.12562E-02	0.13373E-02	20.0
	4	-0.49372E-02	0.10082E-01	0.11226E-01	333.9
	5	-0.10906E-02	-0.50595E-03	0.12023E-02	245.1
	6	-0.79820E-03	-0.78910E-03	0.11224E-02	225.3
	7	-0.50948E-03	0.36377E-03	0.62602E-03	305.5
	8	-0.12480E-02	-0.68588E-03	0.14241E-02	241.2
	9	-0.23762E-03	0.38640E-04	0.24075E-03	279.2
	10	-0.37501E-03	-0.30450E-03	0.48307E-03	230.9

MAX=-0.27764E-02 MIN=-0.35463E-01 PEAK TO PEAK/2= 0.16343E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

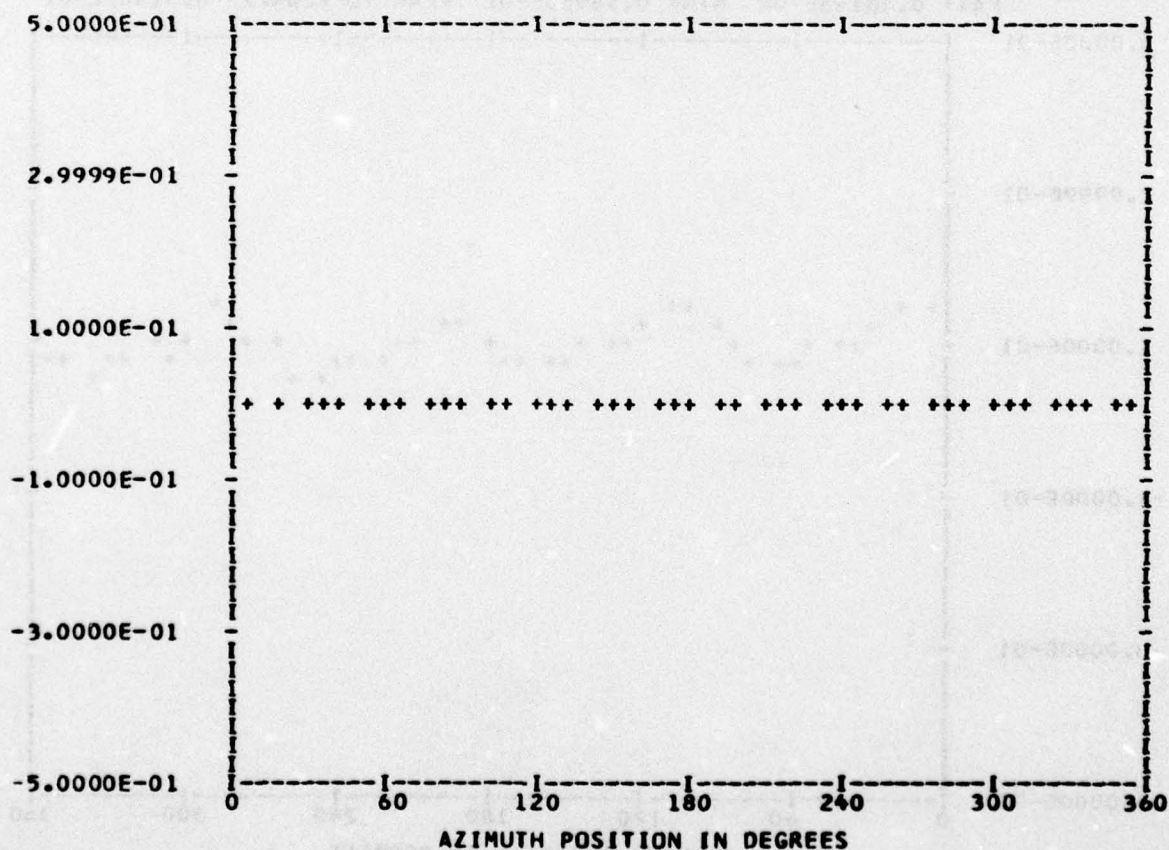
*** PS023.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 19
 TP 8
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25473E-02	1	-0.23200E-04	-0.98085E-04	0.10079E-03	193.3
	2	0.13694E-03	-0.10291E-03	0.17130E-03	126.9
	3	0.46197E-04	0.10308E-03	0.11296E-03	24.1
	4	0.10720E-03	-0.17081E-04	0.10855E-03	99.0
	5	-0.27543E-04	0.50998E-04	0.57961E-04	331.6
	6	0.37191E-04	-0.18377E-04	0.41484E-04	116.2
	7	-0.66488E-04	0.10078E-03	0.12073E-03	326.5
	8	0.61000E-04	0.58256E-04	0.84349E-04	46.3
	9	-0.48706E-05	-0.99553E-04	0.99673E-04	182.8
	10	0.63931E-04	0.19739E-04	0.66909E-04	72.8

MAX=-0.19366E-02 MIN=-0.35706E-02 PEAK TO PEAK/2= 0.81702E-03



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

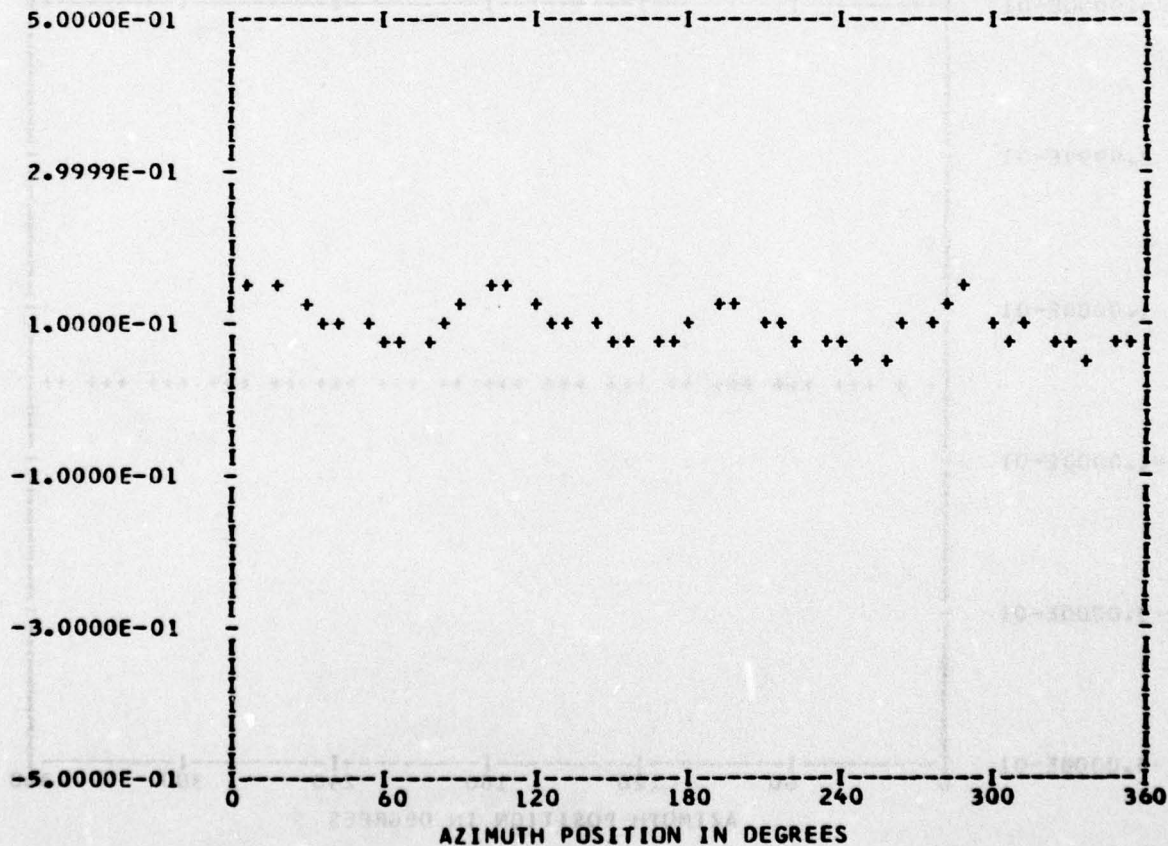
*** PS023.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 19
 TP 8
 CHAN 62

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.98538E-01	1	0.72830E-02	0.77198E-02	0.10613E-01	43.3
	2	-0.92700E-03	0.26761E-02	0.28321E-02	340.8
	3	0.42924E-02	0.13080E-02	0.44872E-02	73.0
	4	0.28643E-01	0.19071E-01	0.34412E-01	56.3
	5	-0.67778E-03	-0.13562E-03	0.69122E-03	258.6
	6	0.41753E-03	0.18821E-02	0.19279E-02	12.5
	7	0.23594E-02	0.26956E-03	0.23748E-02	83.4
	8	0.10114E-01	0.39241E-02	0.10848E-01	68.7
	9	0.13387E-03	0.11431E-02	0.11509E-02	6.6
	10	0.42828E-03	0.89805E-03	0.99494E-03	25.4

MAX= 0.16195E 00 MIN= 0.58990E-01 PEAK TO PEAK/2= 0.51483E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

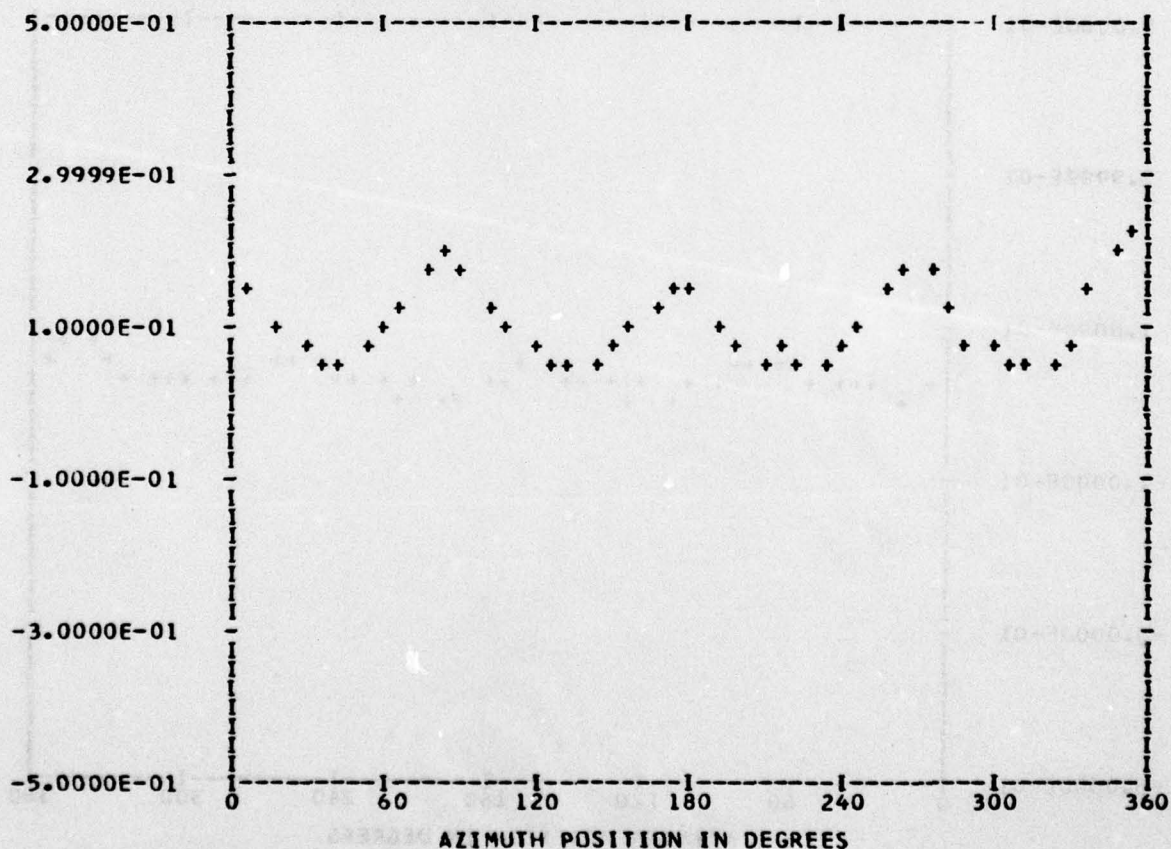
*** PS023.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 8
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.10684E 00					
	1	0.17252E-01	0.45376E-02	0.17839E-01	75.2
	2	0.24062E-02	-0.35275E-04	0.24064E-02	90.8
	3	0.51832E-02	-0.70565E-02	0.87556E-02	143.7
	4	0.56082E-01	-0.35379E-01	0.66308E-01	122.2
	5	0.55203E-02	-0.48545E-02	0.73512E-02	131.3
	6	-0.14325E-02	-0.13642E-02	0.19782E-02	226.3
	7	0.19573E-02	-0.18308E-02	0.26801E-02	133.0
	8	0.53724E-02	-0.16405E-01	0.17263E-01	161.8
	9	-0.51385E-03	0.53681E-03	0.74311E-03	316.2
	10	-0.88627E-03	-0.47292E-03	0.10045E-02	241.9

MAX= 0.22850E 00 MIN= 0.39255E-01 PEAK TO PEAK/2= 0.16624E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

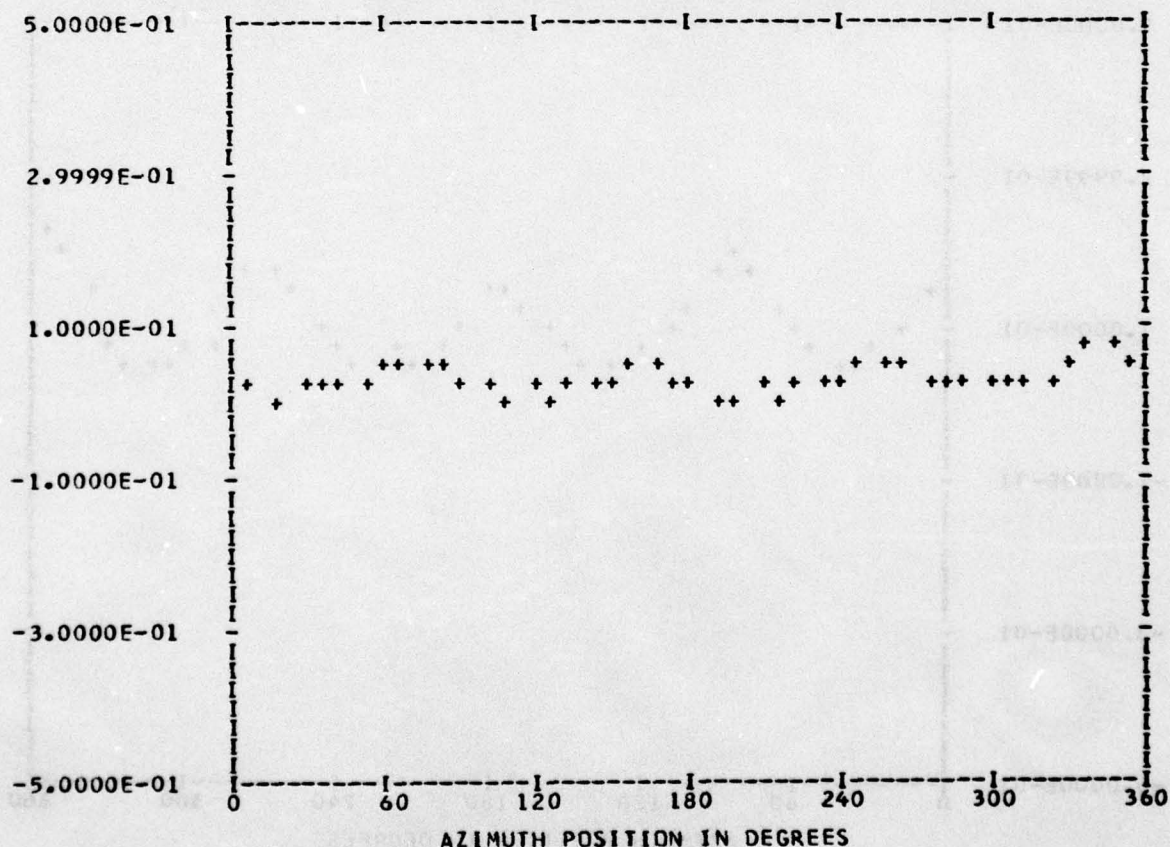
*** PS023.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 8
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.28730E-01	1	0.75932E-02	-0.21903E-02	0.79028E-02	106.0
	2	0.47193E-03	-0.21159E-02	0.21679E-02	167.4
	3	-0.62746E-03	-0.35081E-02	0.35638E-02	190.1
	4	-0.56375E-03	-0.19682E-01	0.19690E-01	181.6
	5	-0.13295E-03	-0.30434E-02	0.30463E-02	182.5
	6	-0.34659E-03	-0.10844E-02	0.11385E-02	197.7
	7	-0.27519E-03	-0.14784E-02	0.15038E-02	190.5
	8	-0.42161E-02	-0.18352E-02	0.45982E-02	246.4
	9	-0.33644E-03	0.48573E-03	0.59087E-03	325.2
	10	-0.42412E-03	0.12620E-04	0.42430E-03	271.7

MAX= 0.68967E-01 MIN= 0.74740E-02 PEAK TO PEAK/2= 0.30746E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

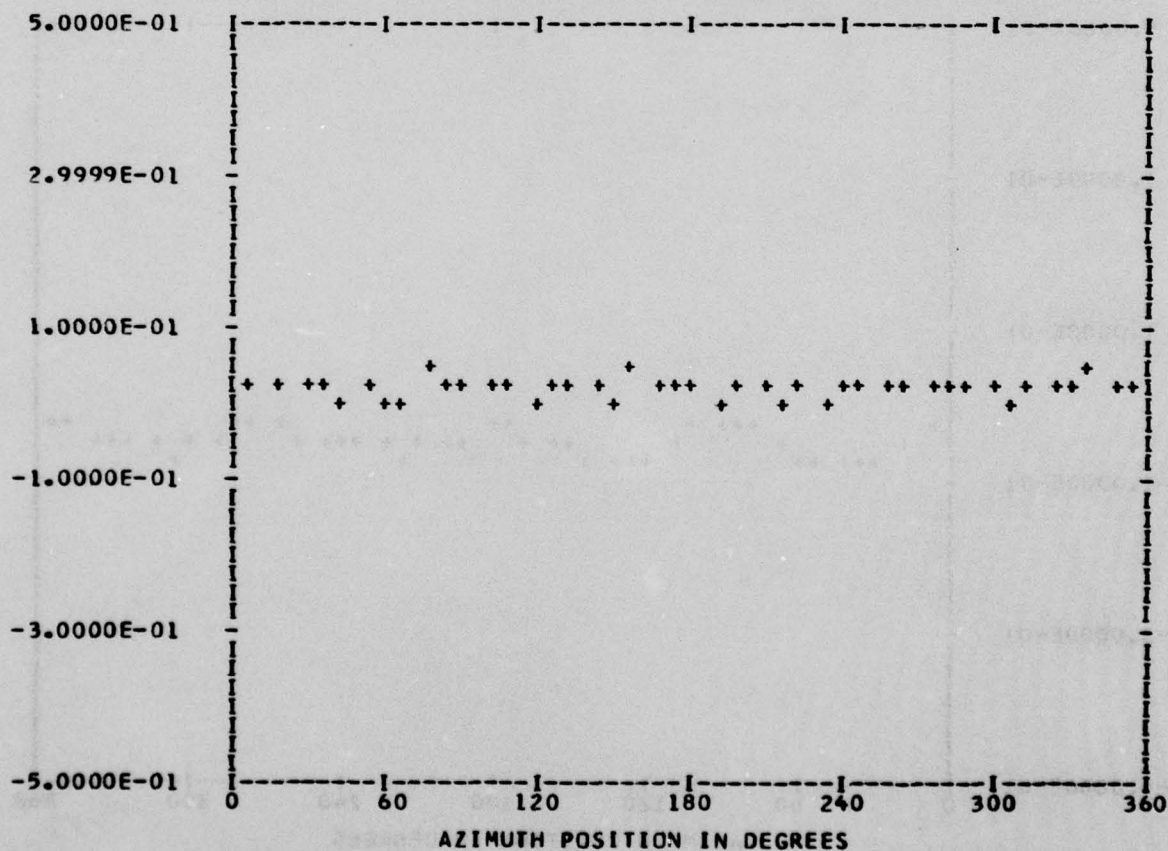
*** PS026.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 8
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.20500E-01	1	0.23797E-02	0.15472E-02	0.28385E-02	56.9
	2	0.70996E-03	-0.25667E-02	0.26631E-02	164.5
	3	0.23085E-02	-0.22967E-02	0.32564E-02	134.8
	4	0.61156E-02	-0.59095E-02	0.85043E-02	134.0
	5	0.38359E-03	-0.79551E-03	0.88316E-03	154.2
	6	-0.12890E-02	0.13527E-02	0.18685E-02	316.3
	7	-0.39342E-03	0.64116E-03	0.75224E-03	328.4
	8	-0.39760E-02	-0.84539E-03	0.40649E-02	257.9
	9	0.30986E-02	0.96248E-03	0.32446E-02	72.7
	10	-0.78591E-03	0.13636E-03	0.79765E-03	279.8

MAX= 0.42995E-01 MIN=-0.59964E-02 PEAK TO PEAK/2= 0.24496E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

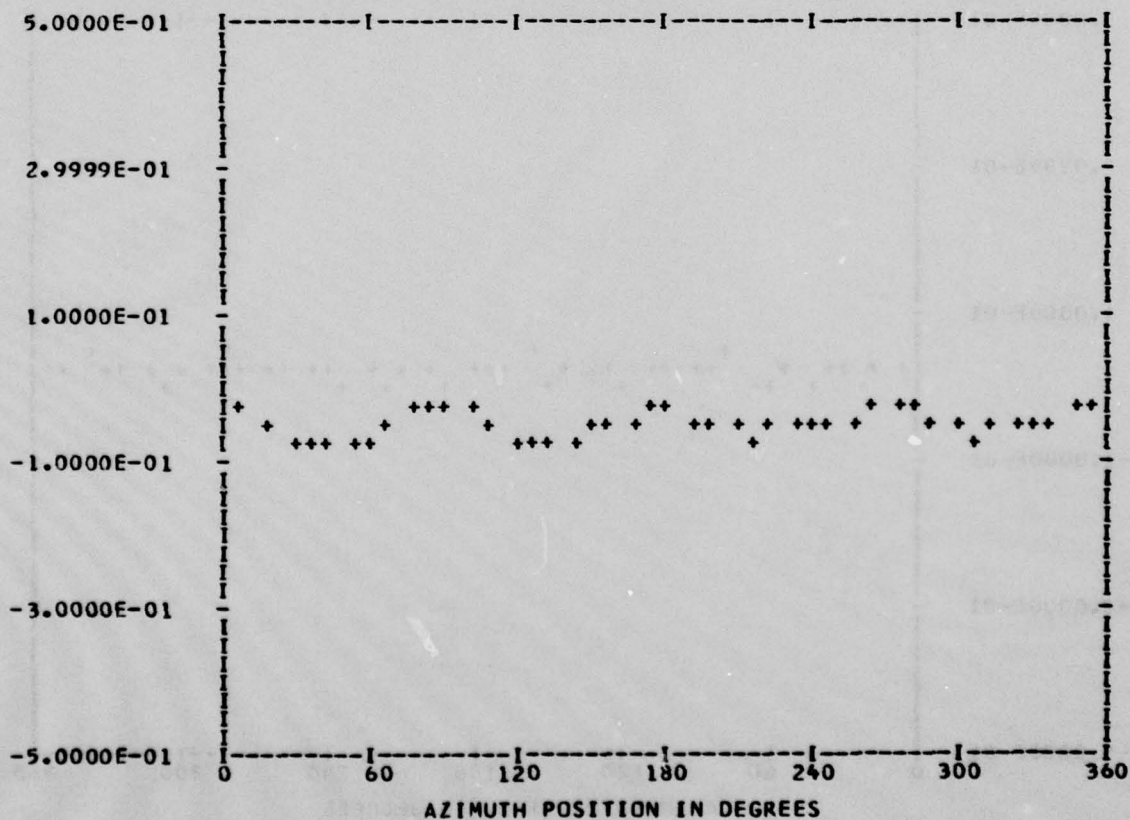
*** PS004.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.48782E-01	1	0.21406E-02	-0.28485E-02	0.35632E-02	143.0
	2	0.29654E-03	-0.78336E-03	0.83761E-03	159.2
	3	-0.52127E-04	-0.38127E-02	0.38131E-02	180.7
	4	0.17335E-01	-0.90706E-02	0.19565E-01	117.6
	5	0.19221E-02	0.81617E-03	0.20882E-02	66.9
	6	-0.11798E-02	0.37123E-03	0.12368E-02	287.4
	7	-0.46490E-03	0.10640E-02	0.11612E-02	336.3
	8	-0.44888E-02	-0.56945E-03	0.45248E-02	97.2
	9	0.59854E-03	-0.89945E-03	0.10804E-02	146.3
	10	0.10246E-02	-0.81637E-03	0.13100E-02	128.5

MAX=-0.18972E-01 MIN=-0.71943E-01 PEAK TO PEAK/2= 0.26485E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

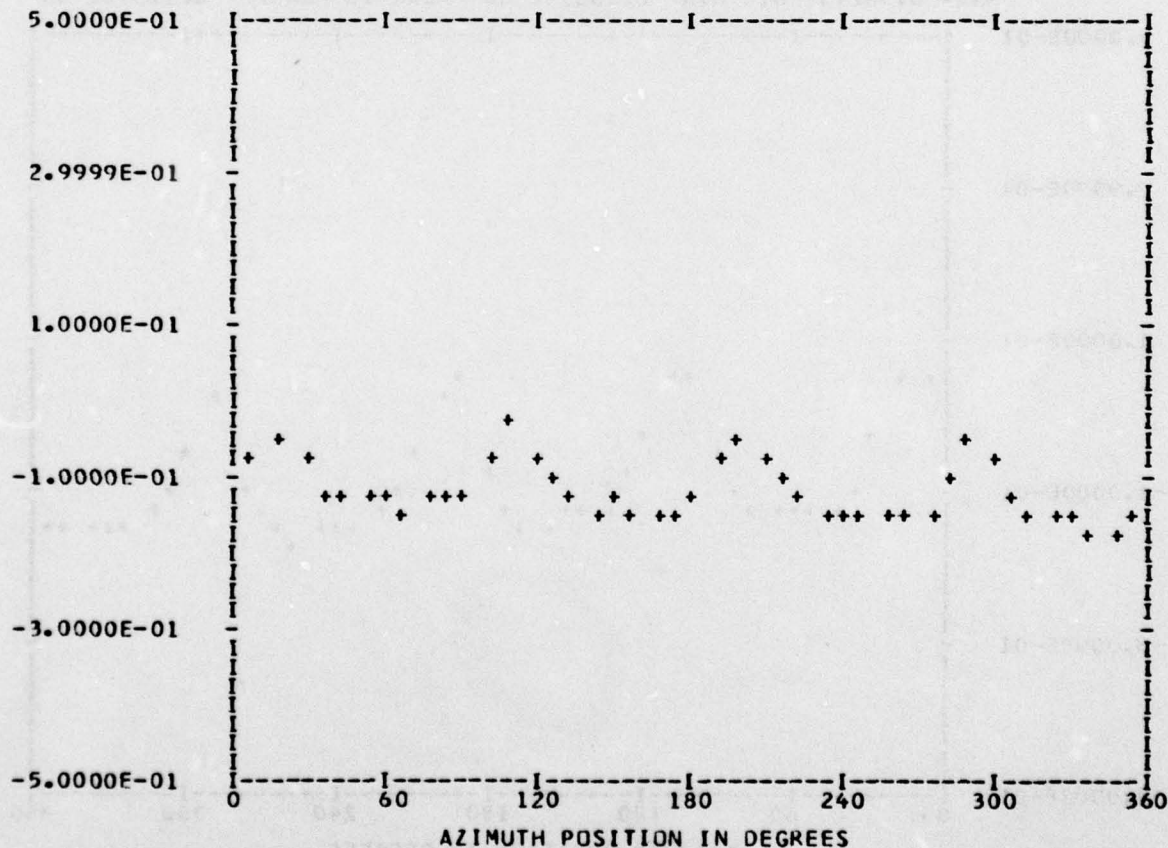
*** PS013.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 RANDEDGE 0

RUN 20
 TP 1
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11898E 00	1	-0.35491E-03	0.10032E-01	0.10038E-01	357.9
	2	-0.29710E-02	0.32744E-02	0.44214E-02	317.7
	3	-0.17989E-02	-0.16843E-02	0.24643E-02	226.8
	4	0.26104E-01	0.32548E-01	0.41723E-01	38.7
	5	0.32800E-02	0.11238E-02	0.34672E-02	71.0
	6	0.60808E-03	-0.75477E-04	0.61275E-03	97.0
	7	0.32570E-02	-0.65401E-03	0.33220E-02	101.3
	8	0.26476E-02	0.21923E-01	0.22082E-01	6.8
	9	-0.18362E-03	-0.28192E-03	0.33644E-03	213.0
	10	0.18407E-02	0.10102E-03	0.18435E-02	86.8

MAX=-0.27543E-01 MIN=-0.16561E 00 PEAK TO PEAK/2= 0.69036E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

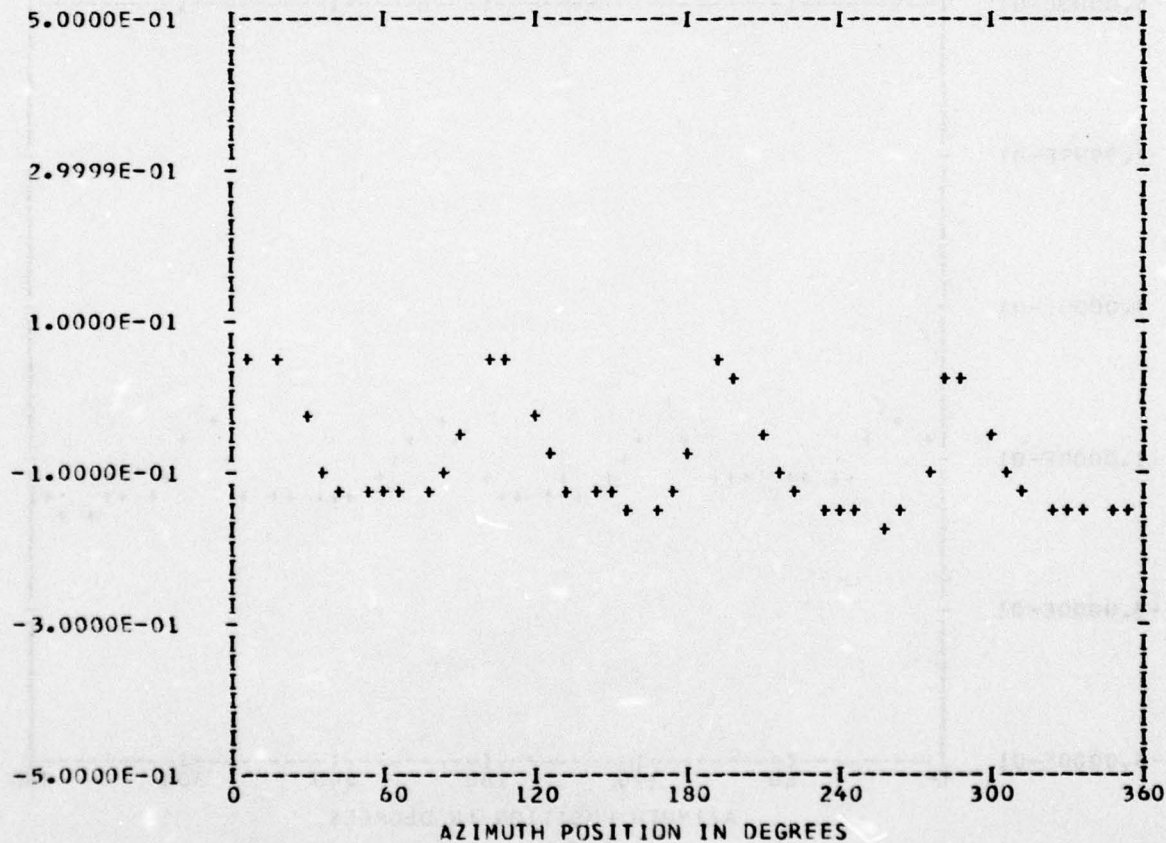
*** PS013.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.85788E-01	1	0.22234E-02	0.14945E-01	0.15109E-01	8.4
	2	0.39066E-03	0.31438E-02	0.31680E-02	7.0
	3	-0.43771E-03	-0.38852E-03	0.58527E-03	228.4
	4	0.75623E-01	0.44648E-01	0.87820E-01	59.4
	5	0.44157E-02	0.10600E-02	0.45411E-02	76.5
	6	-0.21532E-03	-0.43994E-03	0.48980E-03	206.0
	7	0.14758E-02	0.14207E-02	0.20485E-02	46.0
	8	0.32141E-01	0.27950E-01	0.42594E-01	48.9
	9	0.12886E-02	-0.39906E-03	0.13490E-02	107.2
	10	0.11019E-02	-0.60198E-03	0.12556E-02	118.6

MAX= 0.58273E-01 MIN=-0.16870E 00 PEAK TO PEAK/2= 0.11348E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

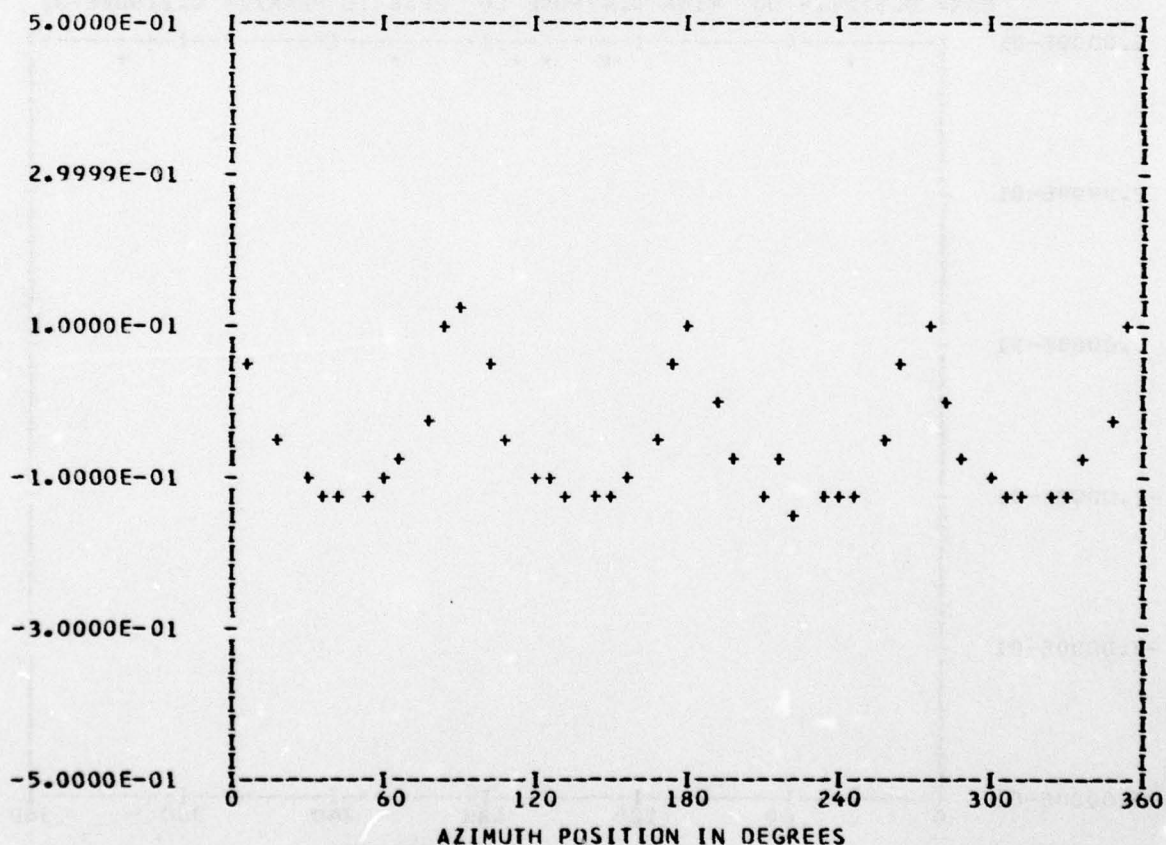
*** PS013.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.50713E-01	1	0.89458E-02	0.12032E-01	0.14993E-01	36.6
	2	0.27215E-02	0.26459E-03	0.27343E-02	84.4
	3	0.53675E-02	-0.42849E-02	0.68681E-02	128.6
	4	0.10339E 00	-0.17147E-01	0.10480E 00	99.4
	5	0.72893E-02	-0.24019E-02	0.76748E-02	108.2
	6	-0.23151E-02	-0.98637E-03	0.25165E-02	246.9
	7	0.29039E-02	0.79413E-04	0.29050E-02	88.4
	8	0.40108E-01	-0.18758E-01	0.44278E-01	115.0
	9	0.37492E-05	0.29512E-03	0.29514E-03	0.7
	10	0.25510E-03	-0.10995E-02	0.11287E-02	166.9

MAX= 0.13981E 00 MIN=-0.14216E 00 PEAK TO PEAK/2= 0.14099E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

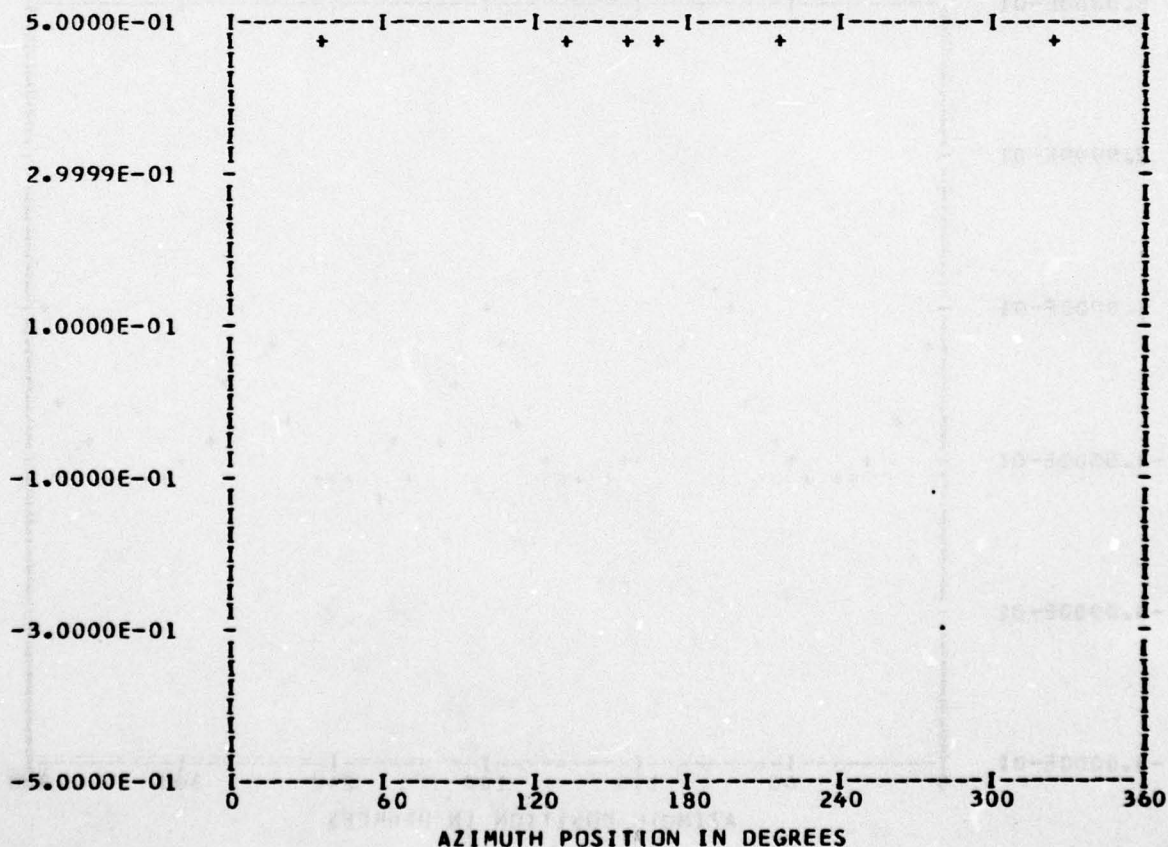
*** PS015.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 16
 BANEEDGE 0

RUN 20
 TP 1
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.49694E 00	1	0.32837E-02	0.11322E-02	0.34734E-02	70.9
	2	-0.94784E-03	0.35020E-02	0.36281E-02	344.8
	3	-0.58659E-03	-0.45535E-03	0.74258E-03	232.1
	4	0.65568E-02	-0.20094E-02	0.68578E-02	107.0
	5	-0.65627E-03	-0.55022E-03	0.85641E-03	230.0
	6	0.40993E-03	0.20071E-02	0.20486E-02	11.5
	7	-0.38845E-02	-0.30165E-02	0.49182E-02	232.1
	8	0.14572E-02	-0.32888E-02	0.35971E-02	156.1
	9	0.92226E-03	-0.16586E-02	0.18978E-02	150.9
	10	0.24616E-02	0.12509E-02	0.27613E-02	63.0

MAX= 0.52211E 00 MIN= 0.47909E 00 PEAK TO PEAK/2= 0.21508E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

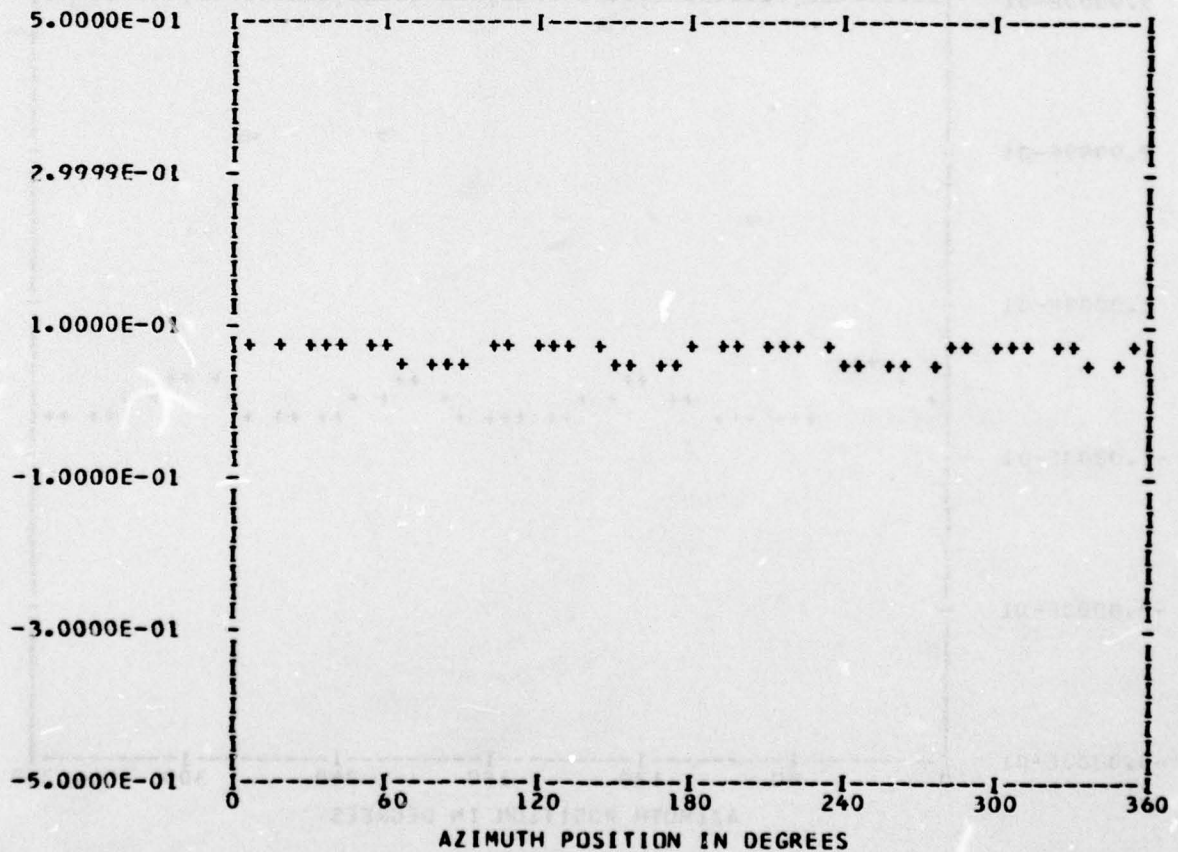
*** PS017.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 20
 TP 1
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.66798E-01	1	0.24197E-02	0.12369E-02	0.27175E-02	62.9
	2	0.95726E-03	-0.22081E-03	0.98239E-03	102.9
	3	0.10557E-02	-0.61525E-04	0.10574E-02	93.3
	4	-0.10348E-02	0.97542E-02	0.98089E-02	353.9
	5	-0.36085E-03	0.19466E-03	0.41001E-03	298.3
	6	-0.50768E-03	-0.62091E-03	0.80204E-03	219.2
	7	0.55211E-03	0.85511E-03	0.10178E-02	32.8
	8	-0.10545E-03	-0.96341E-03	0.96917E-03	186.2
	9	0.68220E-03	-0.65923E-03	0.94867E-03	134.0
	10	0.89825E-03	-0.57836E-03	0.10683E-02	122.7

MAX= 0.81566E-01 MIN= 0.53563E-01 PEAK TO PEAK/2= 0.14001E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

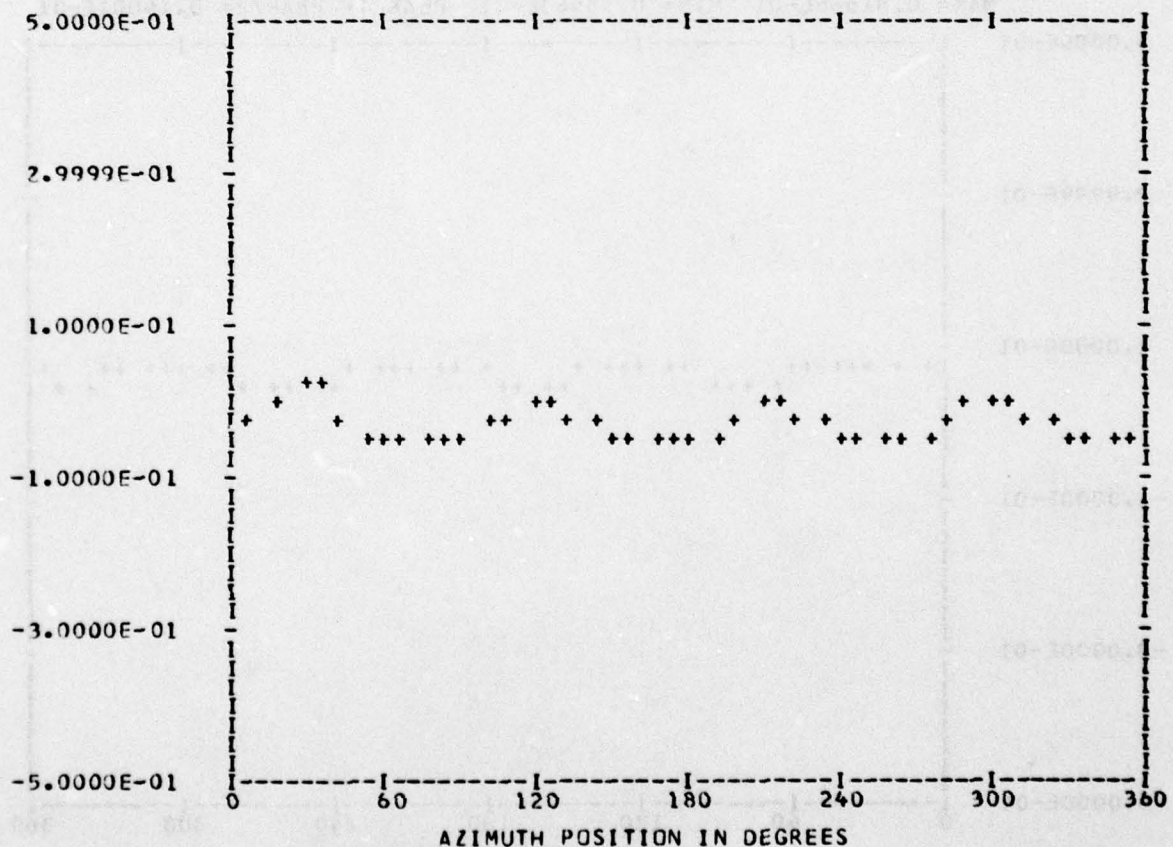
*** PS017.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.30218E-01	1	0.28799E-02	0.76524E-03	0.29799E-02	75.1
	2	0.57320E-03	0.86497E-03	0.10376E-02	33.5
	3	0.34392E-02	0.99991E-03	0.35816E-02	73.7
	4	0.23060E-02	0.31416E-01	0.31500E-01	4.1
	5	0.10321E-02	0.14946E-02	0.18163E-02	34.6
	6	-0.65922E-03	0.25121E-03	0.70546E-03	290.8
	7	-0.69175E-03	0.14301E-02	0.15886E-02	334.1
	8	-0.80574E-02	0.22538E-03	0.80605E-02	271.6
	9	0.77734E-03	0.73319E-03	0.10685E-02	46.6
	10	0.82481E-04	-0.79151E-03	0.79580E-03	174.0

MAX= 0.24042E-01 MIN=-0.56911E-01 PEAK TO PEAK/2= 0.40477E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

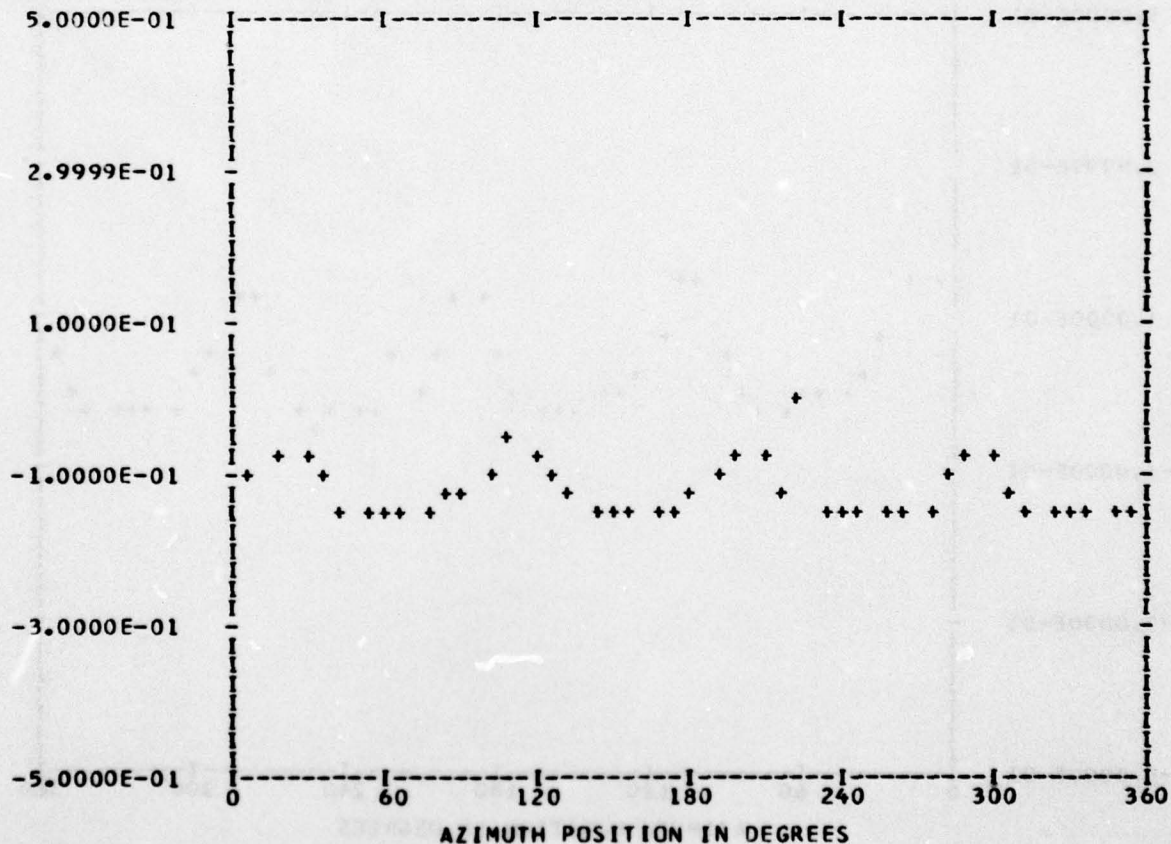
*** PS017.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12282E 00	1	-0.53969E-02	0.28923E-02	0.61231E-02	298.1
	2	0.21713E-02	0.76061E-02	0.79099E-02	15.9
	3	0.41099E-02	-0.81109E-02	0.90928E-02	153.1
	4	0.20176E-01	0.34401E-01	0.39881E-01	30.3
	5	0.63931E-02	0.27808E-03	0.63992E-02	87.5
	6	-0.55579E-02	-0.23623E-02	0.60391E-02	246.9
	7	0.31956E-02	0.69598E-02	0.76584E-02	24.6
	8	-0.21933E-02	0.11434E-01	0.11643E-01	349.1
	9	-0.27384E-02	0.45072E-02	0.52738E-02	328.7
	10	0.57756E-02	-0.15366E-02	0.59765E-02	104.8

MAX=-0.27264E-02 MIN=-0.15855E 00 PEAK TO PEAK/2= 0.77915E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

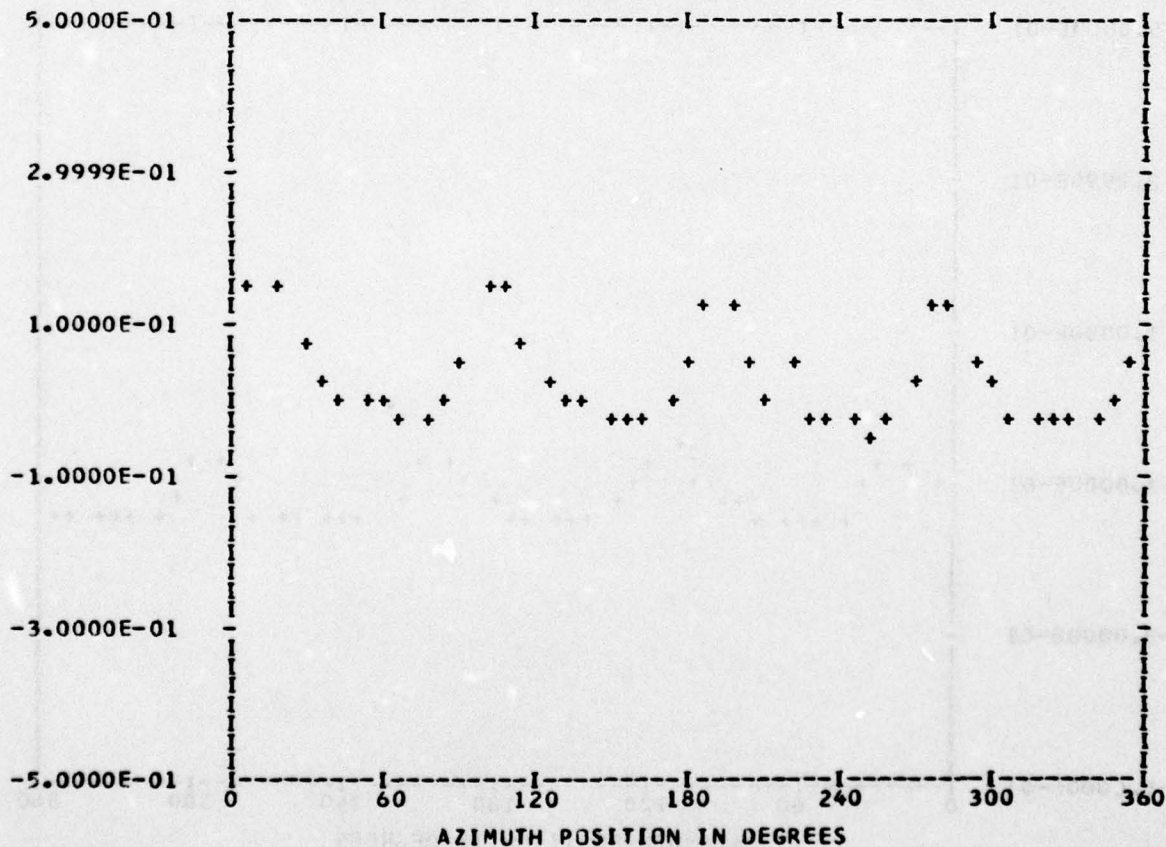
*** PS017.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32316E-01	1	0.79330E-02	0.94740E-02	0.12356E-01	39.9
	2	0.10222E-01	0.27793E-02	0.10593E-01	74.7
	3	0.11566E-01	-0.22060E-02	0.11775E-01	100.7
	4	0.75737E-01	0.16998E-01	0.77621E-01	77.3
	5	0.20453E-02	-0.27122E-02	0.33970E-02	142.9
	6	-0.23507E-02	-0.10081E-02	0.25577E-02	246.7
	7	0.76441E-02	0.75697E-03	0.76815E-02	84.3
	8	0.30549E-01	-0.30974E-02	0.30706E-01	95.7
	9	-0.61160E-02	0.18533E-02	0.63906E-02	286.8
	10	-0.13116E-02	-0.20501E-02	0.24337E-02	212.6

MAX= 0.15796E 00 MIN=-0.45023E-01 PEAK TO PEAK/2= 0.10149E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

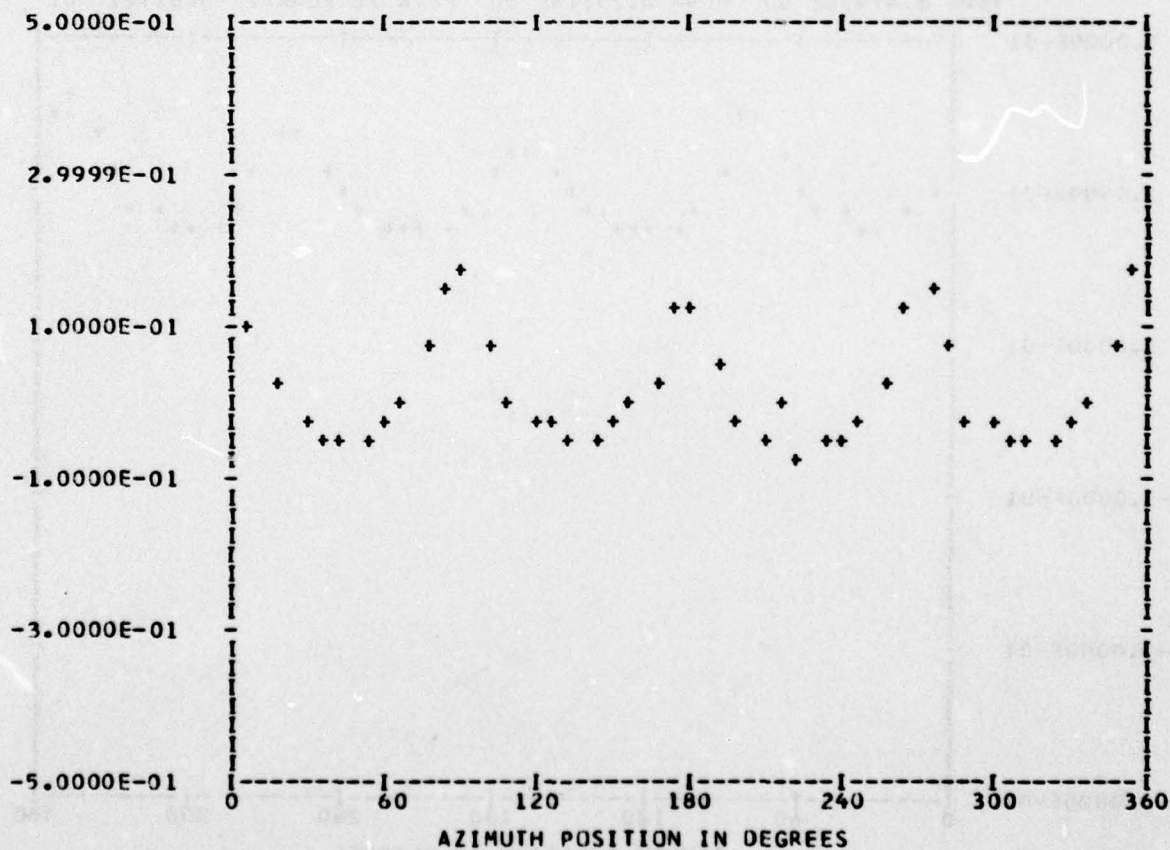
*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

*** PS017.5 WAVEFORM ***
 *** CYCLE 0 ***

RUN 20
 TP 1
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.19447E-01	1	0.11341E-01	0.78497E-02	0.13792E-01	55.3
	2	0.33479E-02	-0.26863E-03	0.33586E-02	94.5
	3	0.64779E-02	-0.49756E-02	0.81682E-02	127.5
	4	0.91478E-01	-0.28790E-01	0.95902E-01	107.4
	5	0.65410E-02	-0.37460E-02	0.75378E-02	119.7
	6	-0.15254E-02	-0.87715E-03	0.17596E-02	240.1
	7	0.25559E-02	-0.98426E-03	0.27388E-02	111.0
	8	0.29095E-01	-0.22944E-01	0.37054E-01	128.2
	9	-0.30529E-03	0.16192E-03	0.34557E-03	297.9
	10	-0.17159E-03	-0.71391E-03	0.73424E-03	193.5

MAX= 0.18649E 00 MIN=-0.68836E-01 PEAK TO PEAK/2= 0.12766E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

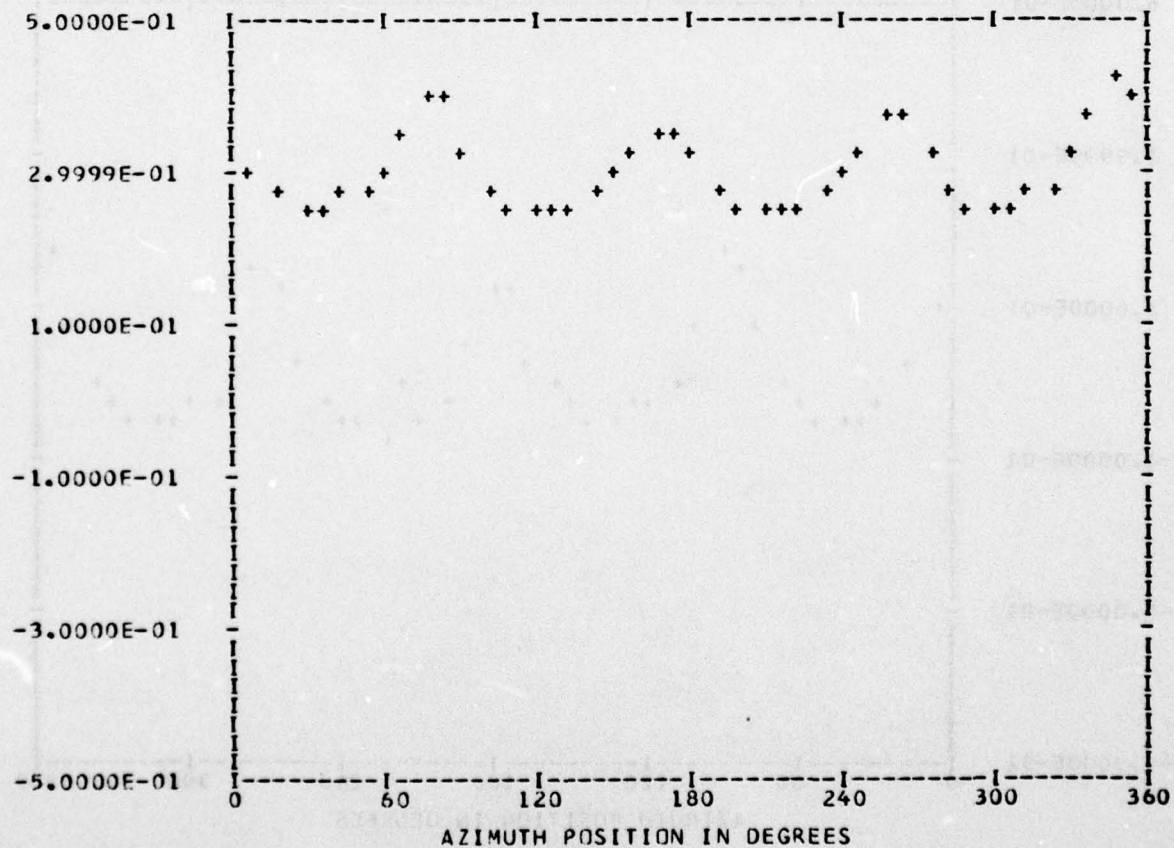
*** PS017.6 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.30388E 00	1	0.11982E-01	-0.78108E-03	0.12007E-01	93.7
	2	0.28617E-02	-0.31403E-02	0.42487E-02	137.6
	3	0.15493E-02	-0.61915E-02	0.63824E-02	165.9
	4	0.26771E-01	-0.58034E-01	0.63912E-01	155.2
	5	0.25124E-02	-0.50242E-02	0.56173E-02	153.4
	6	-0.10800E-02	0.41843E-03	0.11582E-02	291.1
	7	-0.21290E-02	-0.12273E-02	0.24575E-02	240.0
	8	-0.77315E-02	-0.17375E-01	0.19018E-01	203.9
	9	-0.12137E-02	-0.10140E-02	0.15816E-02	230.1
	10	-0.82483E-07	0.74913E-03	0.74913E-03	359.9

MAX= 0.41458E 00 MIN= 0.25114E 00 PEAK TC PEAK/2= 0.81721E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

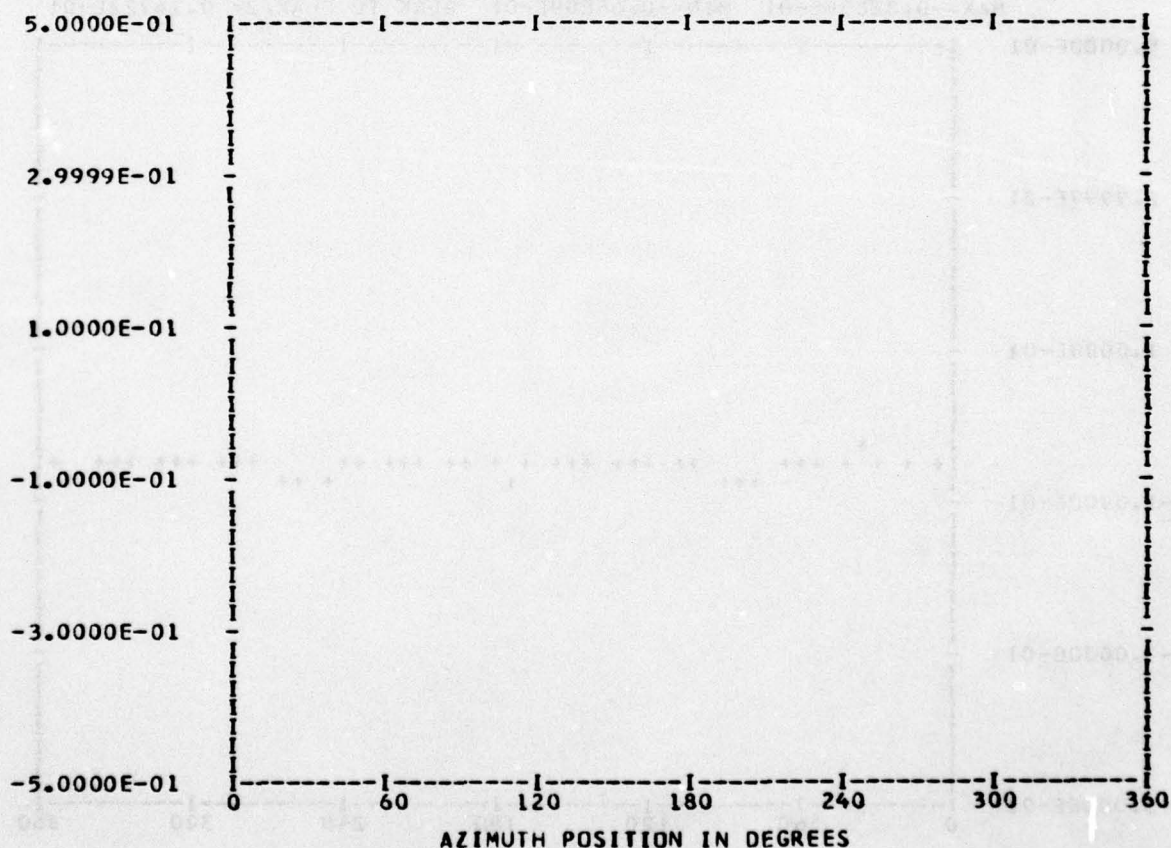
*** PS017.7 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 44
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.53200E 00	1	0.47595E-02	-0.13232E-03	0.47613E-02	91.5
	2	0.35748E-03	-0.14948E-02	0.15370E-02	166.5
	3	-0.29170E-03	-0.21711E-02	0.21906E-02	187.6
	4	0.57148E-02	-0.14664E-01	0.15738E-01	158.7
	5	0.10354E-02	-0.18782E-02	0.21447E-02	151.1
	6	-0.45993E-03	0.93099E-03	0.10384E-02	333.7
	7	-0.12087E-02	0.32843E-04	0.12092E-02	271.5
	8	-0.26479E-02	-0.43191E-02	0.50662E-02	211.5
	9	-0.39233E-03	-0.33099E-03	0.51331E-03	229.8
	10	-0.49897E-03	-0.37966E-03	0.62699E-03	232.7

MAX= 0.56298E 00 MIN= 0.51539E 00 PEAK TO PEAK/2= 0.23795E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

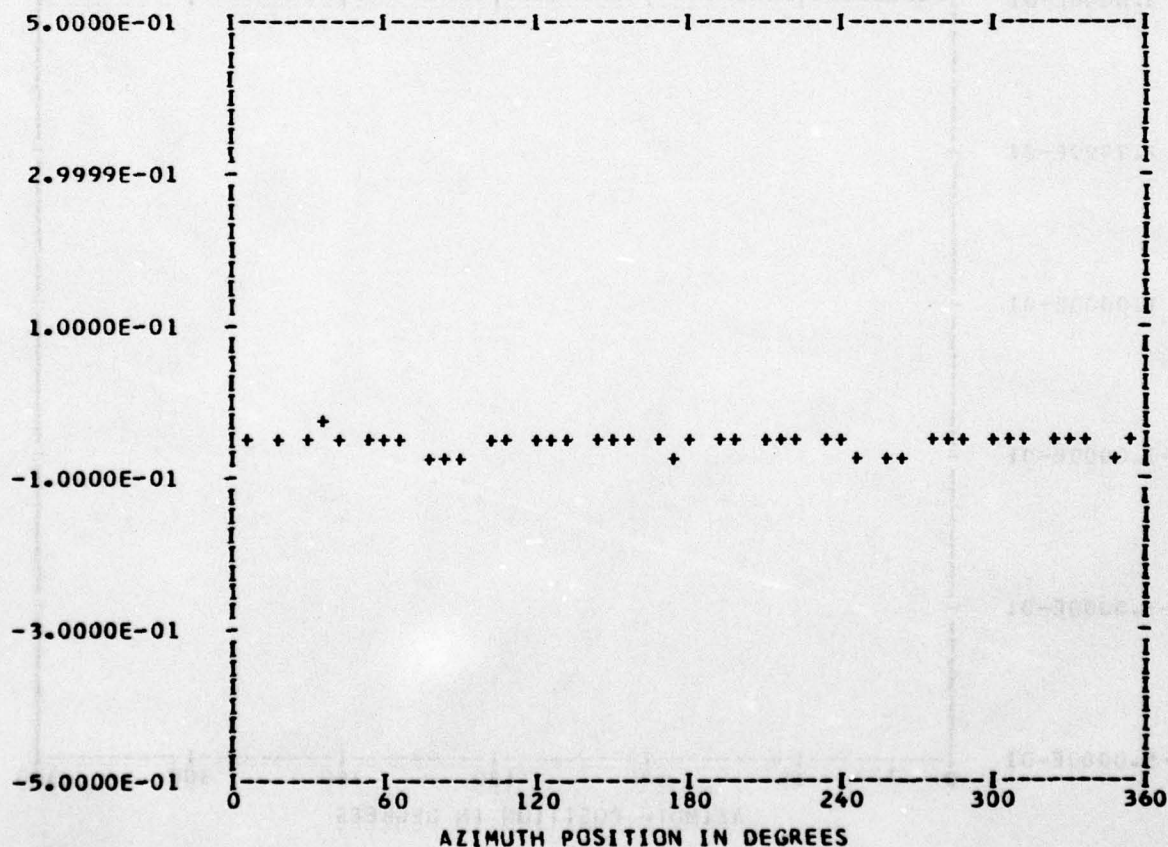
*** PS023.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 20
 TP 1
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.53092E-01	1	0.15475E-02	0.69030E-03	0.16945E-02	65.9
	2	0.15728E-02	0.76342E-03	0.17483E-02	64.1
	3	0.72895E-03	0.64404E-03	0.97271E-03	48.5
	4	-0.54981E-02	0.10102E-01	0.11502E-01	331.4
	5	-0.38472E-03	-0.18639E-04	0.38517E-03	267.2
	6	-0.51930E-03	-0.47750E-03	0.70547E-03	227.4
	7	0.27755E-03	0.11750E-02	0.12073E-02	13.2
	8	-0.69760E-03	-0.17608E-02	0.18939E-02	201.6
	9	-0.17033E-04	-0.80752E-03	0.80770E-03	181.2
	10	0.32669E-03	-0.50926E-03	0.60504E-03	147.3

MAX=-0.32855E-01 MIN=-0.66299E-01 PEAK TO PEAK/2= 0.16722E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

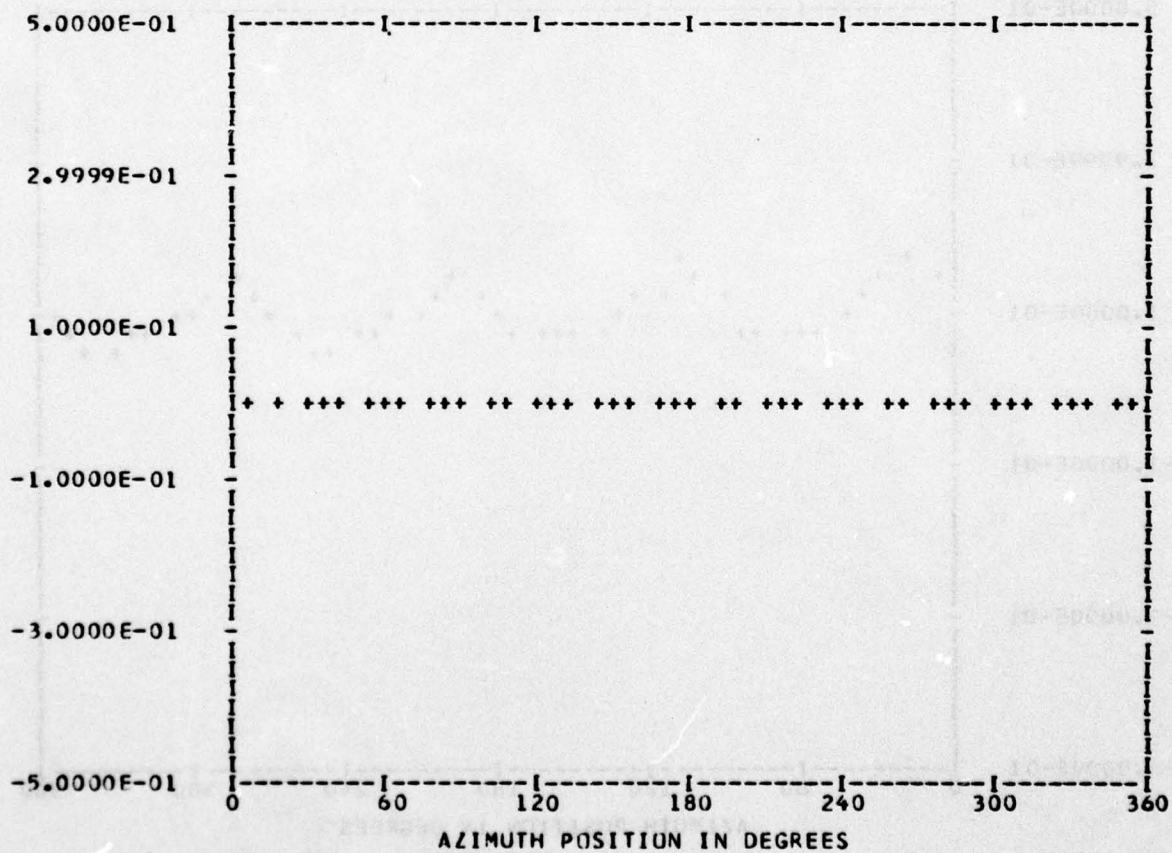
*** PS023.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23437E-02	1	-0.61346E-05	-0.41298E-05	0.73952E-05	236.0
	2	0.67426E-04	-0.17327E-03	0.18592E-03	158.7
	3	0.79014E-04	0.11459E-03	0.13919E-03	34.5
	4	0.87704E-04	0.66445E-04	0.11003E-03	52.8
	5	-0.86841E-04	-0.49948E-04	0.10018E-03	240.0
	6	0.14159E-03	0.27231E-04	0.14418E-03	79.1
	7	0.59818E-05	-0.72122E-04	0.72370E-04	175.2
	8	0.95127E-04	0.40854E-04	0.10352E-03	66.7
	9	-0.35776E-04	-0.15583E-03	0.15988E-03	192.9
	10	-0.32376E-04	0.19740E-04	0.37919E-04	301.3

MAX=-0.17550E-02 MIN=-0.36917E-02 PEAK TO PEAK/2= 0.96832E-03



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

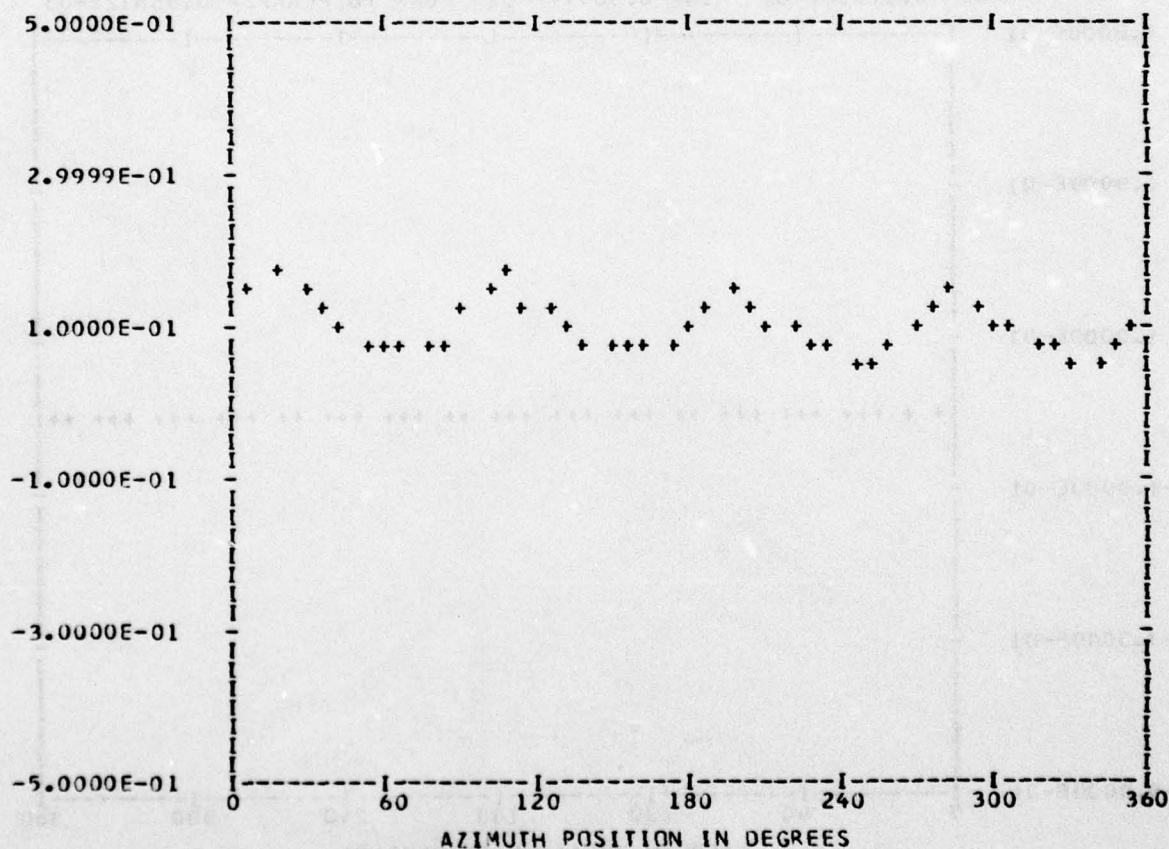
*** PS023.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 62

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.10050E 00					
	1	0.79774E-02	0.89479E-02	0.11987E-01	41.7
	2	0.50071E-02	0.64919E-03	0.50490E-02	82.6
	3	0.73265E-02	0.71367E-03	0.73611E-02	84.4
	4	0.39226E-01	0.18363E-01	0.43312E-01	64.9
	5	-0.73163E-04	-0.13191E-02	0.13212E-02	183.1
	6	0.18100E-03	0.20107E-03	0.27053E-03	41.9
	7	0.21392E-02	0.73587E-03	0.22622E-02	71.0
	8	0.11373E-01	-0.10717E-02	0.11424E-01	95.3
	9	-0.28285E-02	-0.85028E-03	0.29535E-02	253.2
	10	-0.18347E-02	0.57282E-03	0.19220E-02	287.3

MAX= 0.17415E 00 MIN= 0.50608E-01 PEAK TO PEAK/2= 0.61775E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

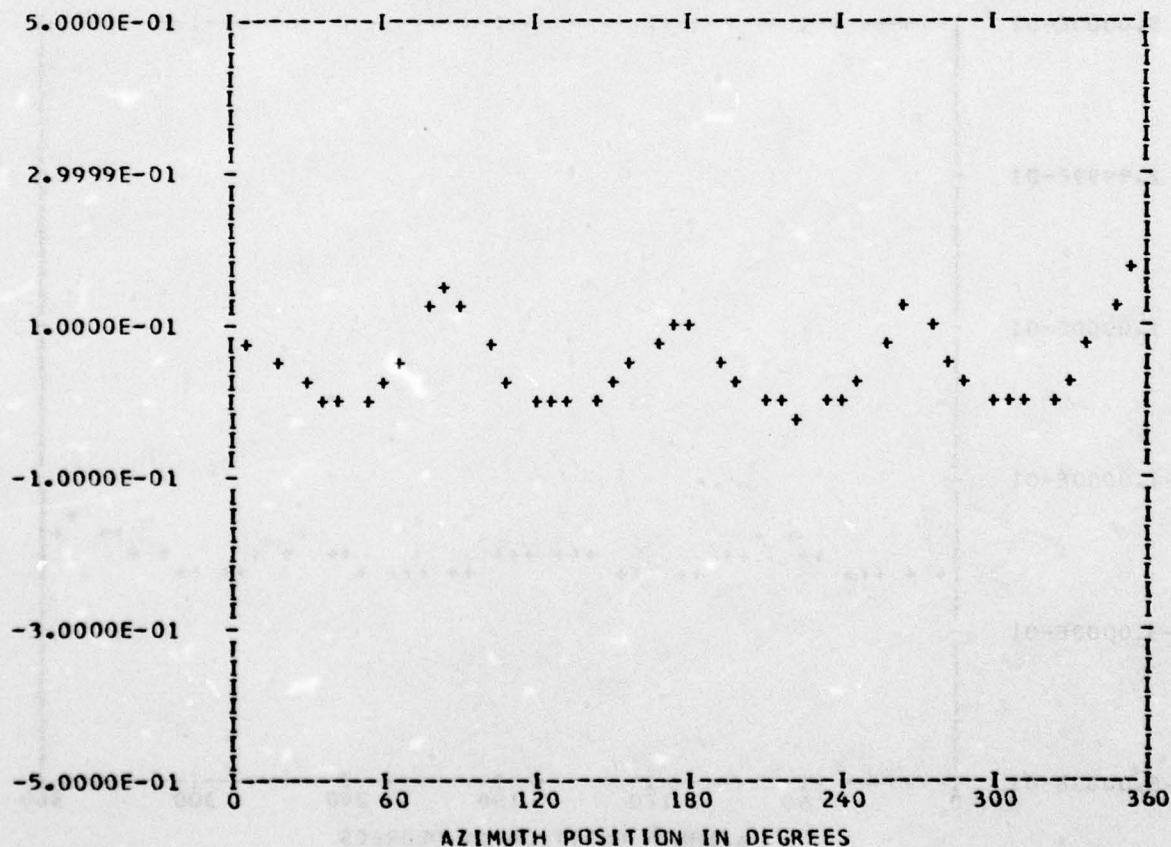
*** PS023.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.45201E-01	1	0.14820E-01	0.61741E-02	0.16055E-01	67.3
	2	0.40414E-02	-0.19832E-02	0.45018E-02	116.1
	3	0.43638E-02	-0.66048E-02	0.79162E-02	146.5
	4	0.56011E-01	-0.38004E-01	0.67687E-01	124.1
	5	0.52188E-02	-0.41591E-02	0.66734E-02	128.5
	6	-0.19841E-02	-0.25850E-03	0.20009E-02	262.5
	7	0.23548E-03	-0.15384E-02	0.15564E-02	171.2
	8	0.50145E-02	-0.16847E-01	0.17578E-01	163.4
	9	-0.10851E-02	-0.53715E-03	0.12107E-02	243.6
	10	0.19829E-03	-0.33725E-03	0.39122E-03	149.5

MAX= 0.16976E 00 MIN=-0.23386E-01 PEAK TO PEAK/2= 0.96573E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

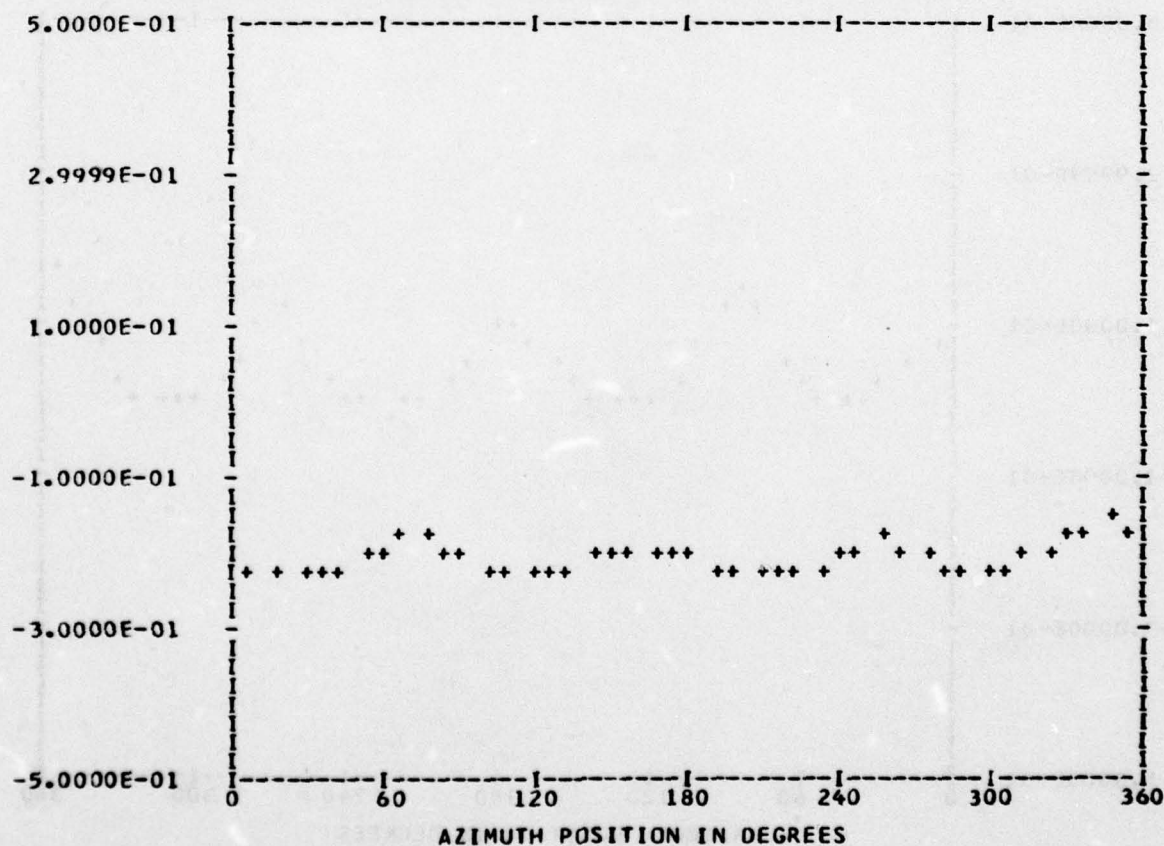
*** PS023.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 1
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20398E 00	1	0.73808E-02	-0.23537E-02	0.77470E-02	107.6
	2	0.22472E-03	-0.30349E-02	0.30433E-02	175.7
	3	-0.11351E-02	-0.26529E-02	0.28856E-02	203.1
	4	-0.81769E-04	-0.21355E-01	0.21355E-01	180.2
	5	-0.19272E-03	-0.26957E-02	0.27026E-02	184.0
	6	-0.35539E-03	0.96048E-03	0.10241E-02	339.6
	7	-0.15867E-02	-0.19551E-03	0.15987E-02	262.9
	8	-0.43017E-02	-0.17847E-02	0.46573E-02	247.4
	9	-0.34977E-03	0.25544E-03	0.43311E-03	306.1
	10	-0.31265E-03	-0.47572E-03	0.56927E-03	213.3

MAX=-0.16217E 00 MIN=-0.22750E 00 PEAK TC PEAK/2= 0.32660E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SE/ TION

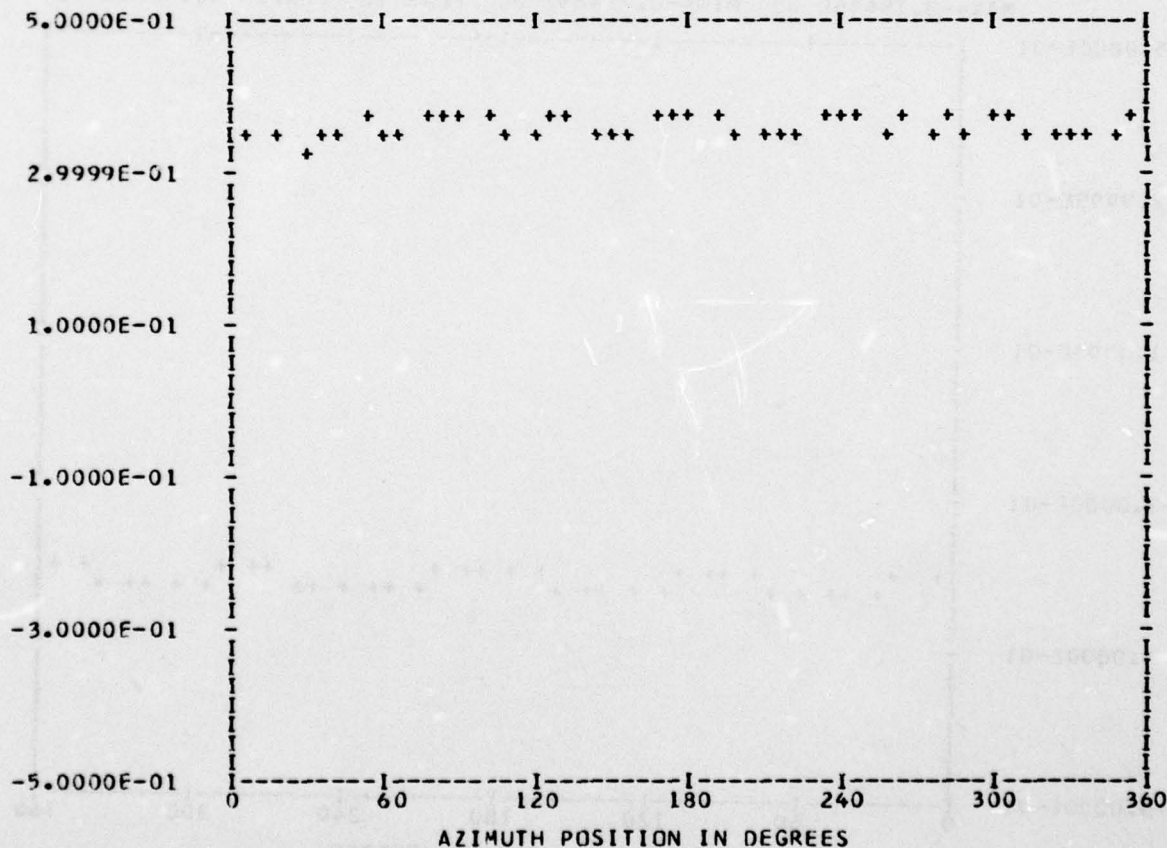
*** PS026.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 20
 TP 1
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.35982E 00	1	-0.16457E-02	-0.69994E-03	0.17883E-02	246.9
	2	-0.16106E-02	-0.67420E-03	0.17460E-02	247.2
	3	-0.17200E-03	-0.19932E-02	0.20006E-02	184.9
	4	0.28298E-02	-0.28418E-02	0.40105E-02	135.1
	5	0.11979E-02	-0.40220E-03	0.12637E-02	108.5
	6	0.21618E-02	-0.42384E-02	0.47579E-02	152.9
	7	-0.36007E-02	-0.16607E-02	0.39653E-02	245.2
	8	0.24535E-02	-0.58848E-02	0.63758E-02	157.3
	9	0.27346E-02	-0.15268E-02	0.31320E-02	119.1
	10	0.64872E-03	0.17576E-02	0.18735E-02	20.2

MAX= 0.37841E 00 MIN= 0.33631E 00 PEAK TO PEAK/2= 0.21051E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

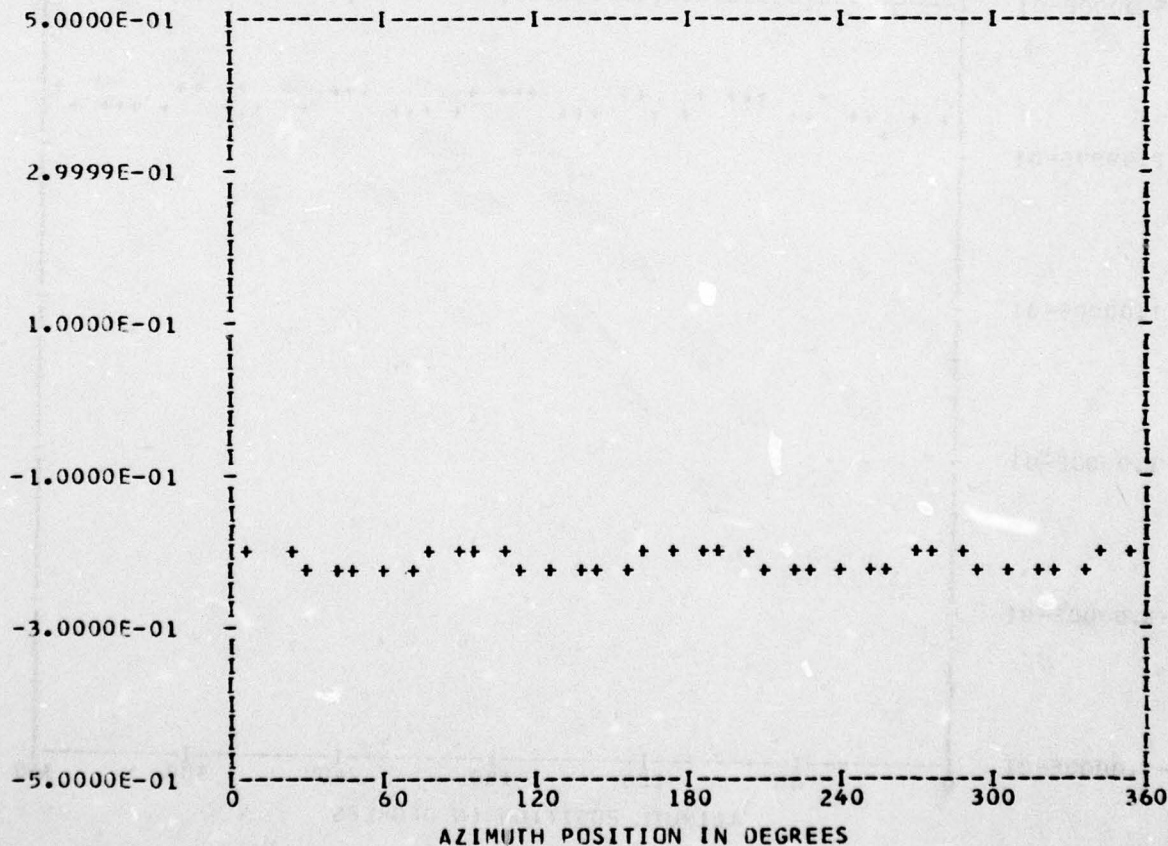
*** PS004.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 1
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21501E 00	1	0.39152E-02	-0.59529E-03	0.39602E-02	98.6
	2	0.18621E-02	-0.51141E-03	0.19310E-02	105.3
	3	-0.97209E-03	-0.21808E-02	0.23876E-02	204.0
	4	0.13137E-01	-0.56029E-02	0.14282E-01	113.0
	5	0.14423E-02	0.63881E-03	0.15775E-02	66.1
	6	-0.42121E-03	-0.25207E-03	0.49087E-03	239.1
	7	0.10254E-03	0.26182E-03	0.28118E-03	21.3
	8	0.20525E-02	-0.10987E-04	0.20525E-02	90.3
	9	0.63807E-03	-0.87832E-03	0.10856E-02	144.0
	10	-0.87318E-03	-0.13702E-02	0.16248E-02	212.5

MAX=-0.19435E 00 MIN=-0.23389E 00 PEAK TC PEAK/2= 0.19769E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

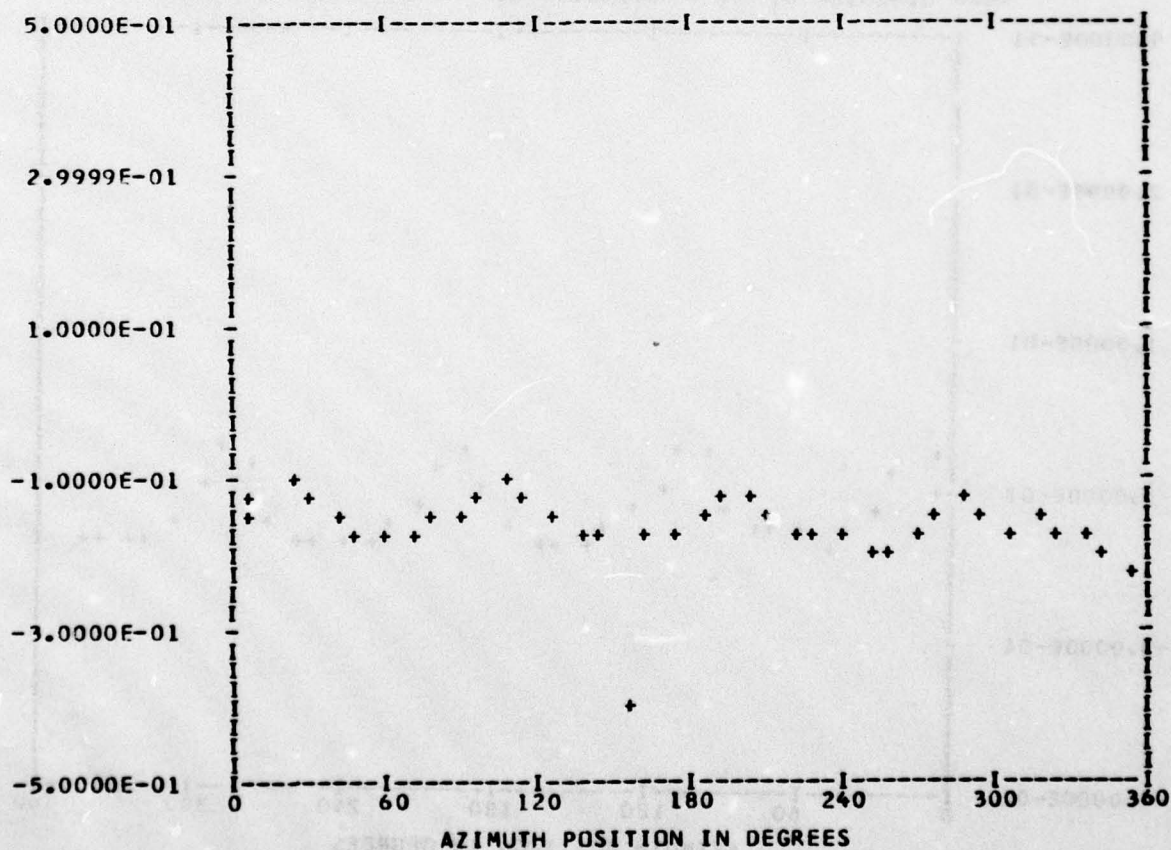
*** PS013.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 1
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16292E 00	1	0.96630E-02	0.36631E-02	0.10334E-01	69.2
	2	-0.84666E-02	0.14674E-01	0.16941E-01	330.0
	3	-0.70517E-02	-0.11855E-01	0.13793E-01	210.7
	4	0.29876E-01	0.29006E-01	0.41641E-01	45.8
	5	-0.12070E-01	0.39833E-02	0.12710E-01	288.2
	6	0.11752E-01	-0.12244E-02	0.11816E-01	95.9
	7	-0.61856E-02	0.15798E-01	0.16966E-01	338.6
	8	0.50619E-02	-0.17519E-02	0.53564E-02	109.0
	9	0.54832E-02	0.75705E-02	0.93477E-02	35.9
	10	-0.10993E-01	-0.28300E-02	0.11352E-01	255.5

MAX=-0.96366E-01 MIN=-0.40581E 00 PEAK TO PEAK/2= 0.15472E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

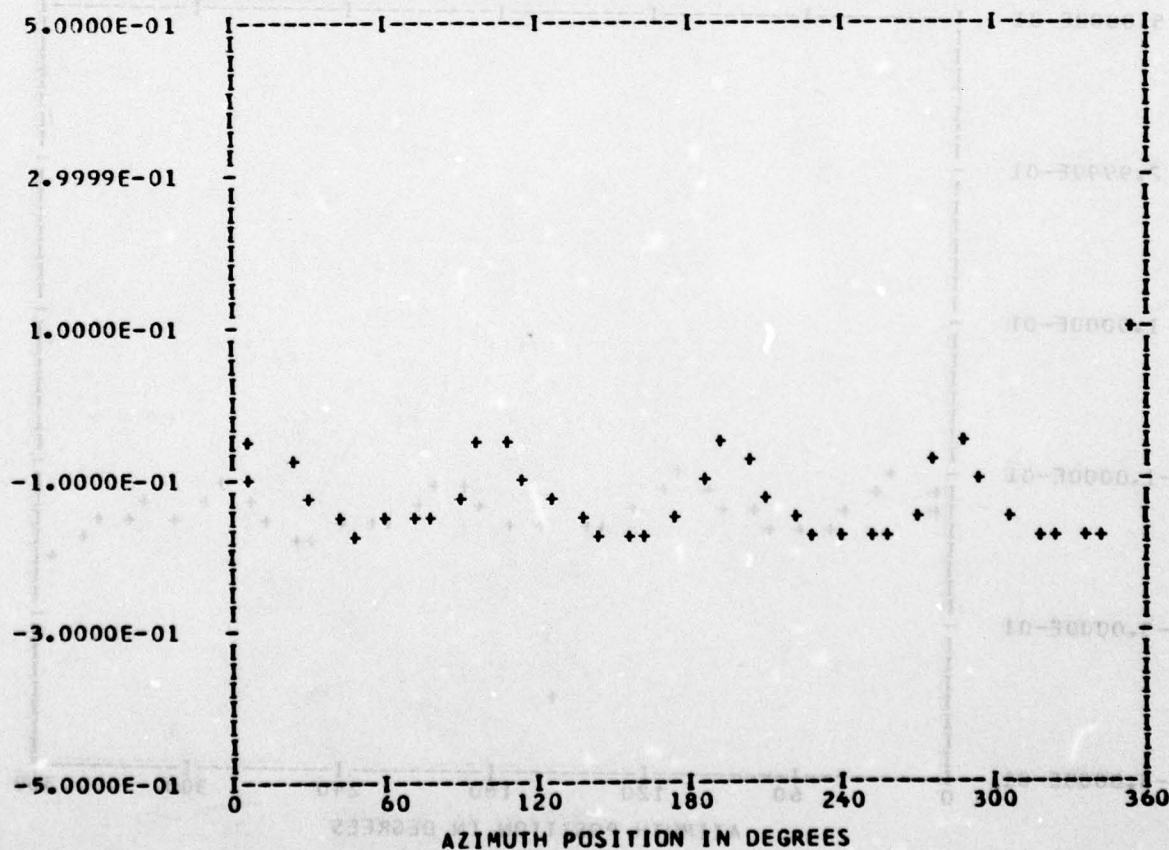
*** PSJ13.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEGE 0

RUN 21
 TP 1
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12450E 00	1	0.13492E-01	0.57614E-02	0.14671E-01	66.8
	2	0.11471E-01	-0.64203E-02	0.13146E-01	119.2
	3	0.89446E-02	-0.10726E-01	0.13966E-01	140.1
	4	0.55127E-01	0.86115E-02	0.55796E-01	81.1
	5	0.14862E-02	-0.11412E-01	0.11508E-01	172.5
	6	-0.28717E-02	-0.15303E-01	0.15571E-01	190.6
	7	-0.78586E-02	-0.10246E-01	0.12912E-01	217.4
	8	0.88222E-02	0.27975E-02	0.92551E-02	72.4
	9	-0.12118E-01	-0.62720E-02	0.13645E-01	242.6
	10	-0.15527E-01	-0.24208E-02	0.15714E-01	261.1

MAX= 0.98518E-01 MIN=-0.18013E 00 PEAK TO PEAK/2= 0.13932E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

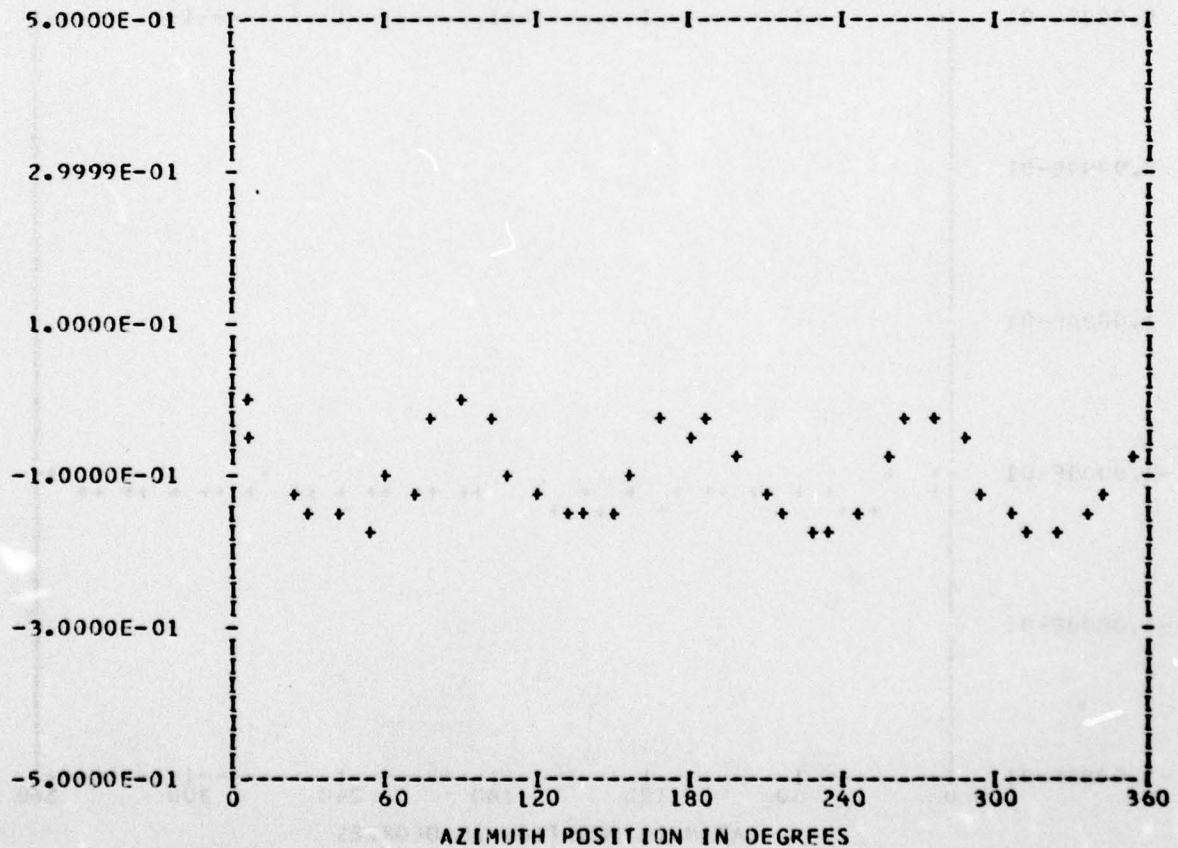
*** PS013.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 37
 OUT OF RANGE 0
 BANDEDGE 0

RIIN 21
 TP 1
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10158E 00	1	-0.43479E-02	0.10069E-01	0.10967E-01	336.6
	2	-0.43356E-02	-0.79354E-03	0.44076E-02	259.6
	3	-0.79636E-02	0.38966E-02	0.88658E-02	296.0
	4	0.74423E-01	-0.89933E-02	0.74964E-01	96.8
	5	0.63835E-02	0.26241E-02	0.69019E-02	67.6
	6	0.90885E-03	-0.46660E-03	0.10216E-02	117.1
	7	0.65954E-02	0.23244E-02	0.69930E-02	70.5
	8	0.16877E-01	-0.10593E-02	0.16910E-01	93.5
	9	0.35031E-02	0.29989E-02	0.46114E-02	49.4
	10	-0.23692E-03	0.80760E-03	0.84163E-03	343.6

MAX= 0.12171E-01 MIN=-0.16982E 00 PEAK TO PEAK/2= 0.90998E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

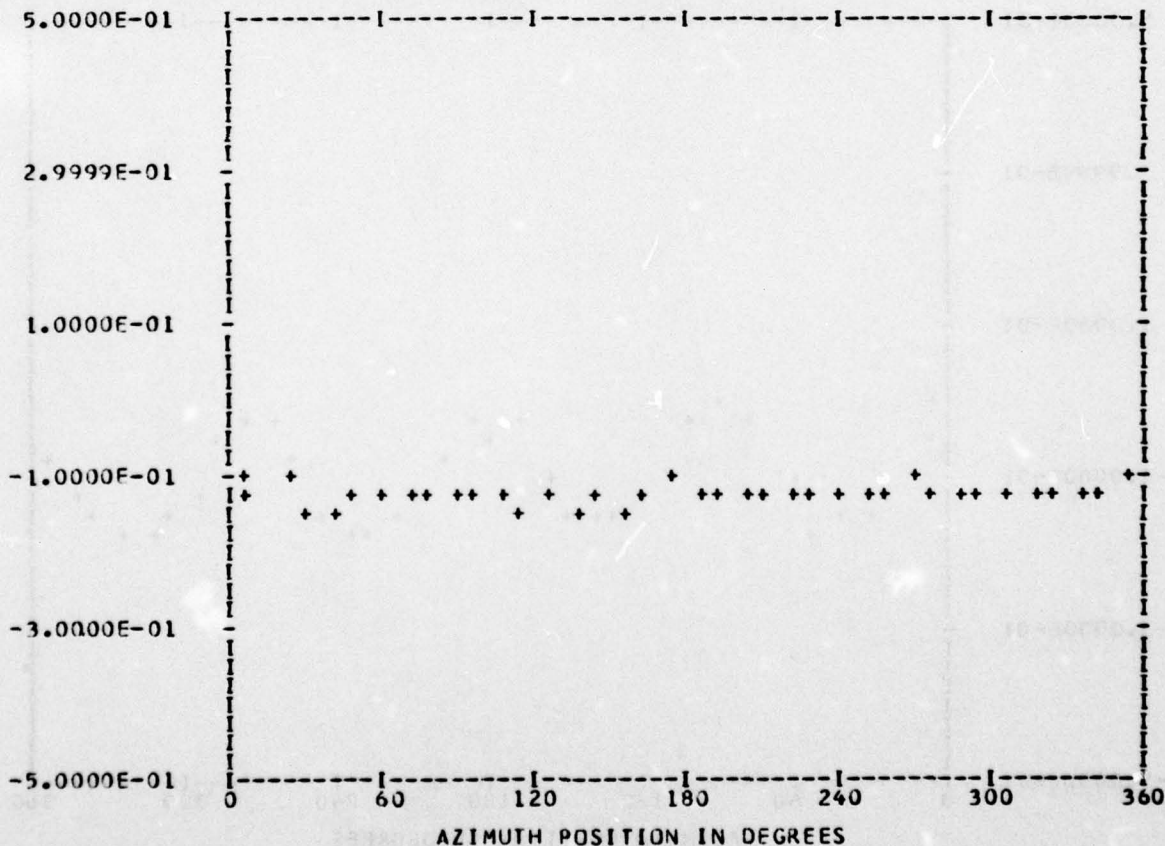
*** PS015.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 1
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12520E 00	1	0.32043E-02	-0.12795E-02	0.34503E-02	111.7
	2	0.15252E-02	0.96320E-03	0.18039E-02	57.7
	3	-0.71593E-04	-0.23324E-02	0.23335E-02	181.7
	4	0.64566E-02	-0.46358E-02	0.79485E-02	125.6
	5	0.11802E-02	0.36860E-03	0.12365E-02	72.6
	6	0.18051E-03	-0.21305E-02	0.21382E-02	175.1
	7	0.16385E-02	0.33031E-02	0.36872E-02	26.3
	8	0.28753E-02	-0.27568E-03	0.28885E-02	95.4
	9	-0.12532E-02	0.20050E-02	0.23644E-02	327.9
	10	-0.19890E-02	0.28179E-02	0.34492E-02	324.7

MAX=-0.10775E 00 MIN=-0.14450E 00 PEAK TO PEAK/2= 0.18374E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

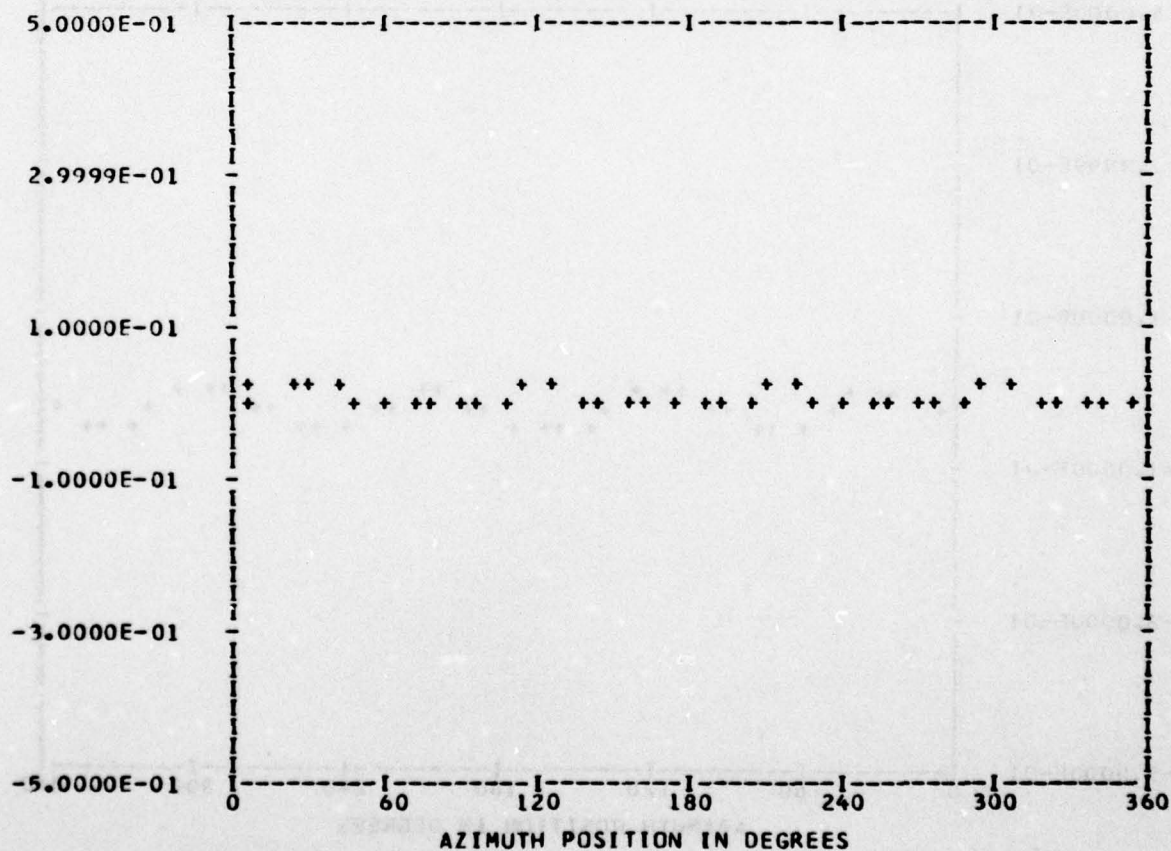
*** PS017.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 21
 TP 1
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.68974E-02	1	0.29336E-02	0.84042E-03	0.30516E-02	74.0
	2	0.10751E-02	-0.16875E-03	0.10883E-02	98.9
	3	0.25844E-04	-0.28016E-03	0.28135E-03	174.7
	4	-0.12177E-02	0.80964E-02	0.81875E-02	351.4
	5	0.23891E-03	-0.26614E-03	0.35765E-03	138.0
	6	-0.12730E-03	-0.10106E-02	0.10186E-02	187.1
	7	0.40136E-03	-0.34904E-03	0.53190E-03	131.0
	8	-0.74917E-03	-0.81631E-03	0.11079E-02	222.5
	9	0.13104E-03	-0.10596E-02	0.10676E-02	172.9
	10	0.58991E-03	-0.24105E-03	0.63726E-03	112.2

MAX= 0.21285E-01 MIN=-0.52342E-02 PEAK TO PEAK/2= 0.13259E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

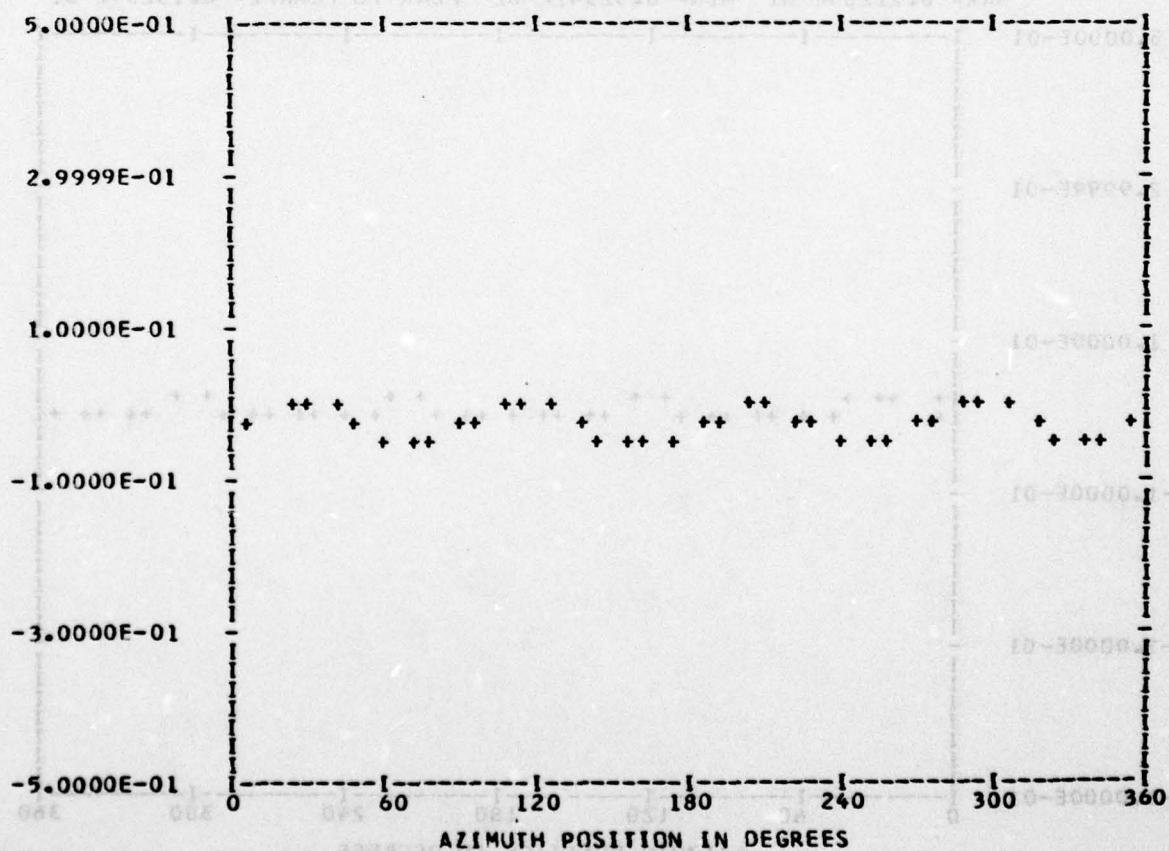
*** PS017.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 21
 TP 1
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25699E-01	1	0.29412E-02	0.13745E-02	0.32466E-02	64.9
	2	0.71722E-03	0.79740E-03	0.10725E-02	41.9
	3	0.15624E-02	-0.79364E-03	0.17524E-02	116.9
	4	0.83056E-02	0.21686E-01	0.23222E-01	20.9
	5	-0.31221E-03	0.53482E-03	0.61928E-03	329.7
	6	-0.20595E-03	-0.55722E-03	0.59406E-03	200.2
	7	-0.84211E-03	-0.41594E-03	0.93923E-03	243.7
	8	-0.42939E-02	0.17429E-02	0.46342E-02	292.0
	9	-0.12417E-02	-0.62970E-03	0.13919E-02	243.1
	10	0.69137E-03	-0.12624E-03	0.70281E-03	100.3

MAX= 0.95562E-02 MIN=-0.48937E-01 PEAK TO PEAK/2= 0.29247E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

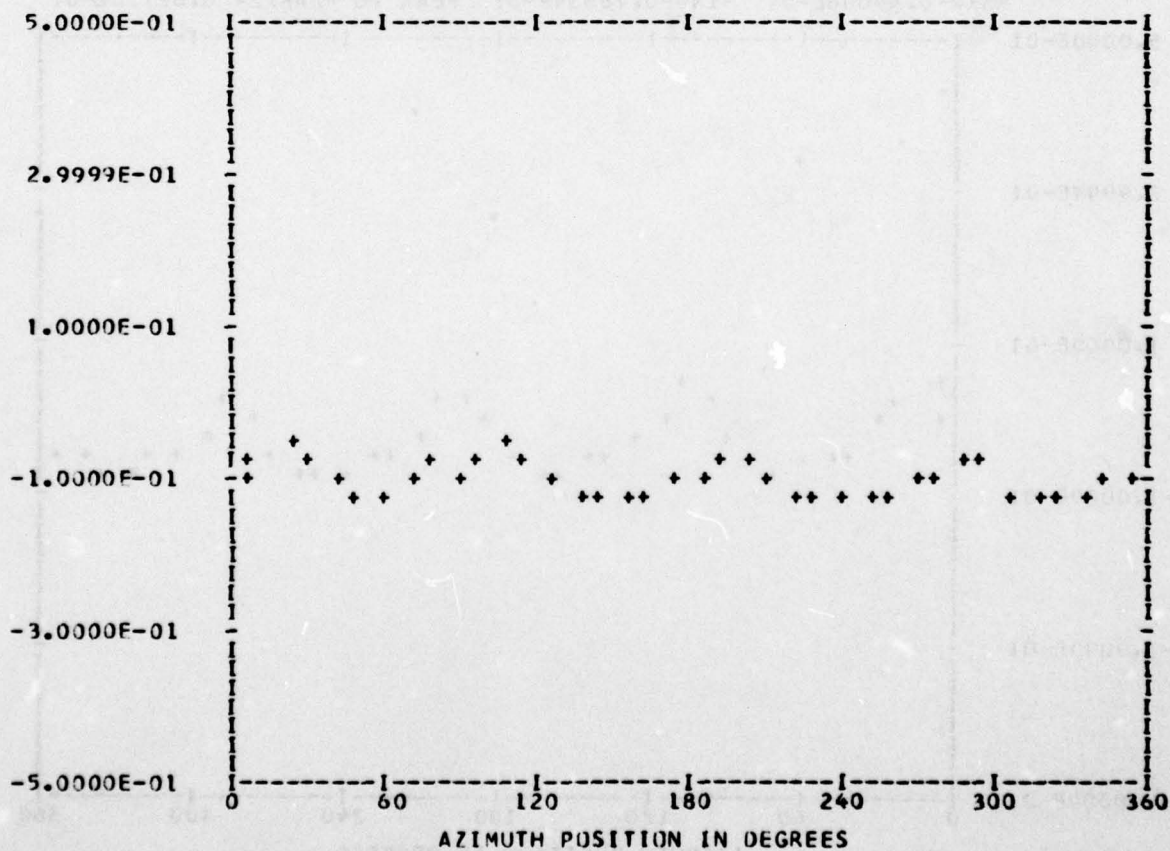
*** PS017.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 Bandedge 0

RUN 21
 TP 1
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10020E 00	1	0.43899E-02	0.66385E-02	0.79587E-02	33.4
	2	-0.72949E-03	0.15606E-02	0.17227E-02	334.9
	3	0.84350E-03	-0.24284E-02	0.25707E-02	160.8
	4	0.24567E-01	0.93624E-02	0.26290E-01	69.1
	5	0.60825E-03	-0.24331E-02	0.25080E-02	165.9
	6	-0.11821E-02	0.18884E-03	0.11971E-02	279.0
	7	-0.11066E-02	0.15135E-02	0.18749E-02	323.8
	8	-0.30478E-02	0.91936E-02	0.96856E-02	341.6
	9	-0.44554E-02	-0.94155E-03	0.45538E-02	258.0
	10	0.19114E-03	-0.44283E-03	0.48232E-03	156.6

MAX=-0.53801E-01 MIN=-0.12905E 00 PEAK TO PEAK/2= 0.37624E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

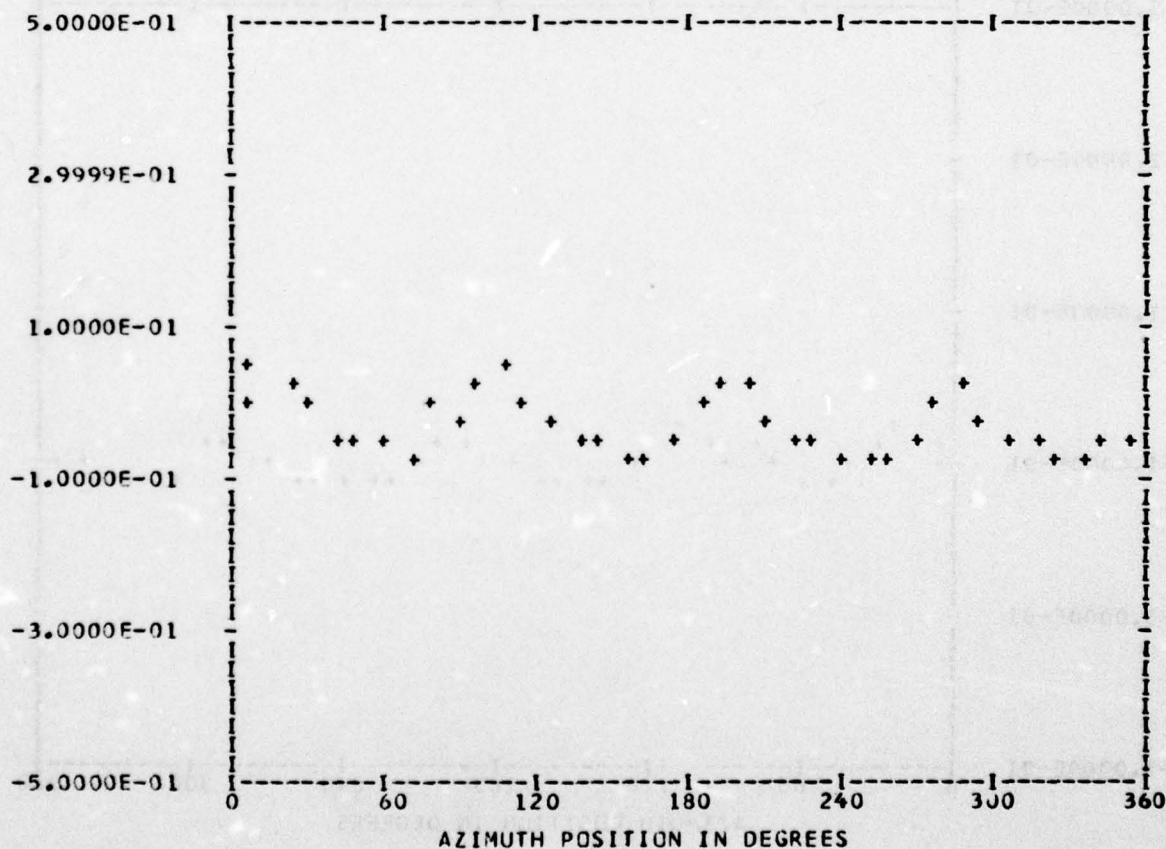
*** PS017.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 1
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.29083E-01					
	1	0.49366E-02	0.10113E-01	0.11254E-01	26.0
	2	0.10671E-02	0.13618E-02	0.17302E-02	38.0
	3	0.13633E-04	-0.47624E-02	0.47625E-02	179.8
	4	0.42964E-01	0.17105E-01	0.46244E-01	68.2
	5	0.39136E-02	0.80572E-03	0.39957E-02	78.3
	6	0.31064E-03	0.12188E-02	0.12578E-02	14.2
	7	-0.30015E-02	0.25671E-02	0.39496E-02	310.5
	8	0.12841E-01	0.84881E-02	0.15393E-01	56.5
	9	-0.89481E-03	-0.23741E-02	0.25372E-02	200.6
	10	0.71719E-03	-0.64536E-03	0.96480E-03	131.9

MAX= 0.49006E-01 MIN=-0.76534E-01 PEAK TO PEAK/2= 0.62770E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

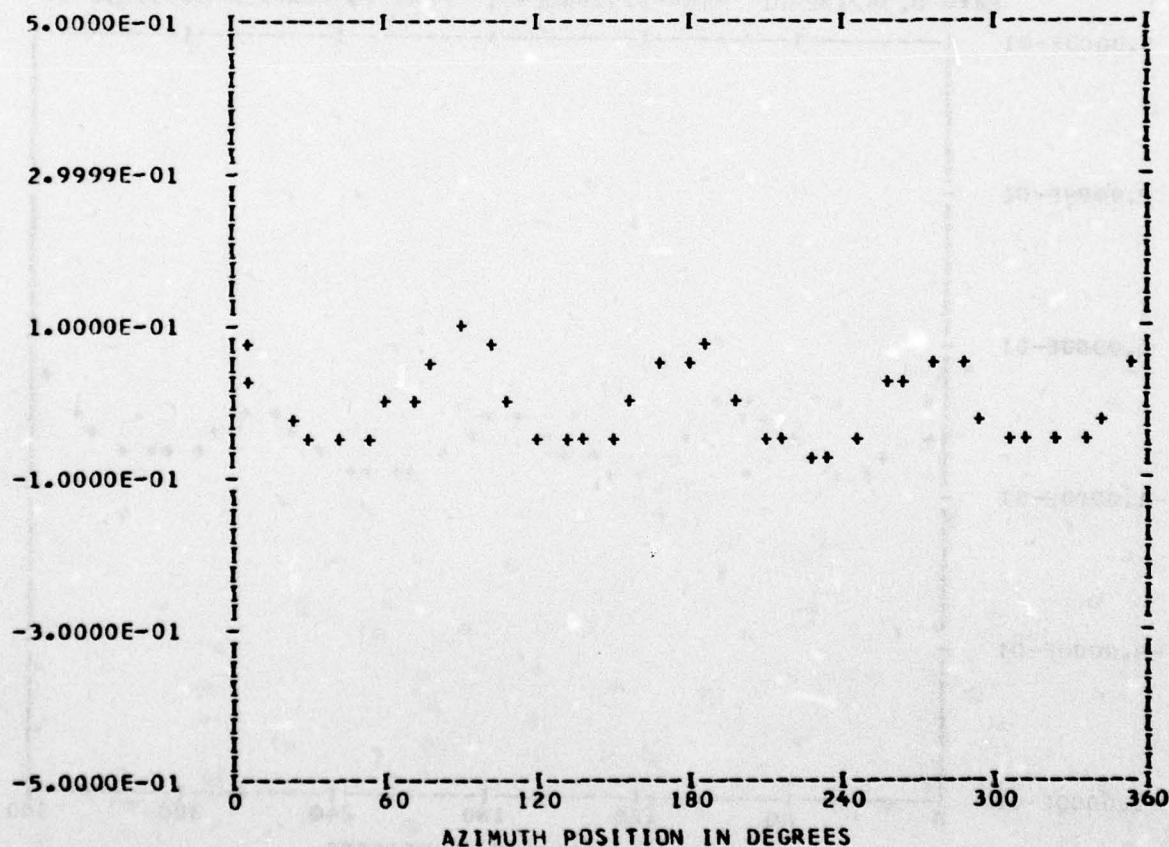
*** PS017.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 37
 OUT OF RANGE 0
 BandedGE 0

RUN 21
 TP 1
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.75933E-02	1	-0.18145E-02	0.90310E-02	0.92115E-02	348.6
	2	-0.15415E-02	-0.15642E-02	0.21961E-02	224.5
	3	-0.71619E-02	0.16085E-02	0.73403E-02	282.6
	4	0.62829E-01	-0.12510E-01	0.64063E-01	101.2
	5	0.52924E-02	0.24720E-02	0.58413E-02	64.9
	6	0.95470E-04	-0.23733E-02	0.23752E-02	177.6
	7	0.27093E-02	0.41531E-03	0.27409E-02	81.2
	8	0.11568E-01	-0.25996E-02	0.11856E-01	102.6
	9	0.25553E-02	0.19752E-02	0.32298E-02	52.2
	10	-0.11187E-02	-0.11469E-02	0.16021E-02	224.2

MAX= 0.90857E-01 MIN=-0.66416E-01 PEAK TO PEAK/2= 0.78637E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

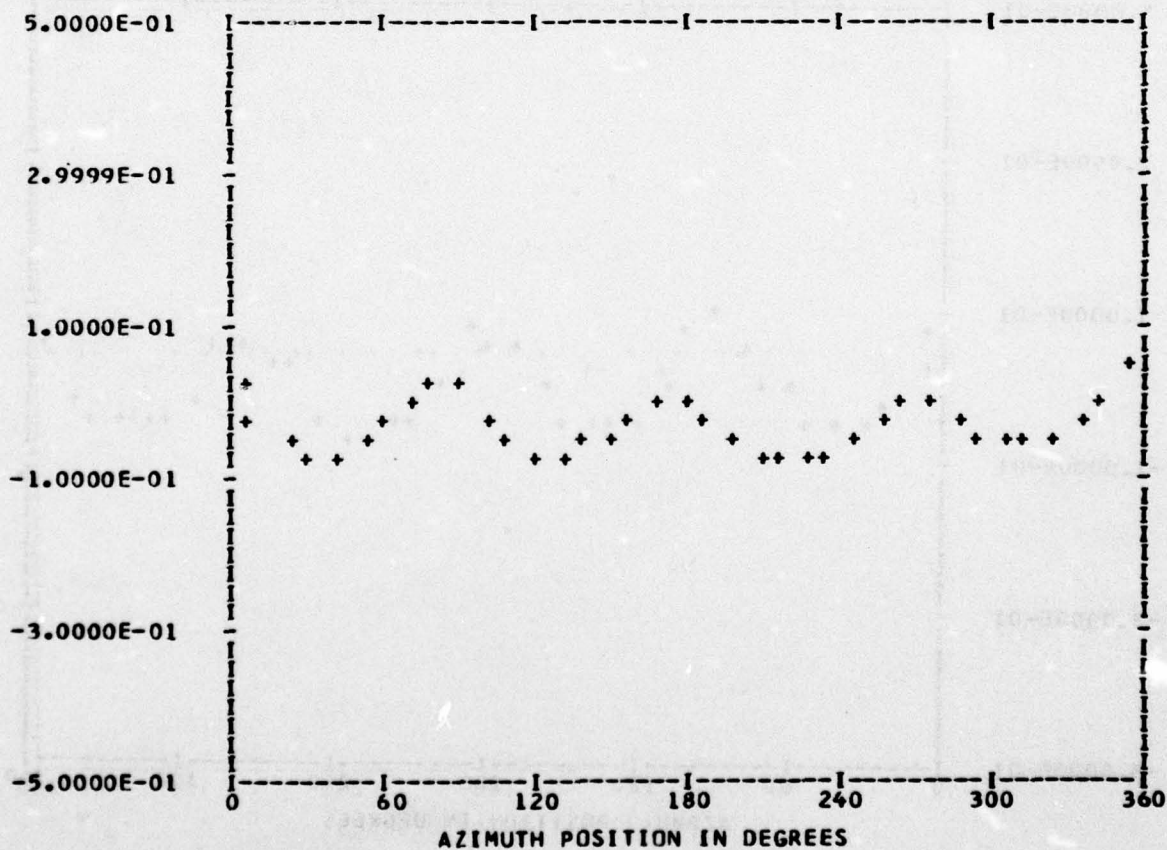
*** PS017.6 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 37
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 1
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.33924E-01	1	0.78121E-02	0.45475E-02	0.90393E-02	59.7
	2	0.22492E-02	-0.35587E-02	0.42099E-02	147.7
	3	-0.39722E-02	-0.27072E-02	0.48070E-02	235.7
	4	0.30906E-01	-0.30867E-01	0.43681E-01	134.9
	5	0.68378E-02	-0.39456E-02	0.78945E-02	119.9
	6	0.99689E-03	-0.15676E-02	0.18577E-02	147.5
	7	-0.47880E-03	-0.43839E-04	0.48080E-03	264.7
	8	0.22298E-02	-0.10284E-01	0.10523E-01	167.7
	9	0.36804E-03	-0.29767E-02	0.29994E-02	172.9
	10	0.27511E-03	-0.20625E-02	0.20808E-02	172.4

MAX= 0.38213E-01 MIN=-0.72840E-01 PEAK TO PEAK/2= 0.55527E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

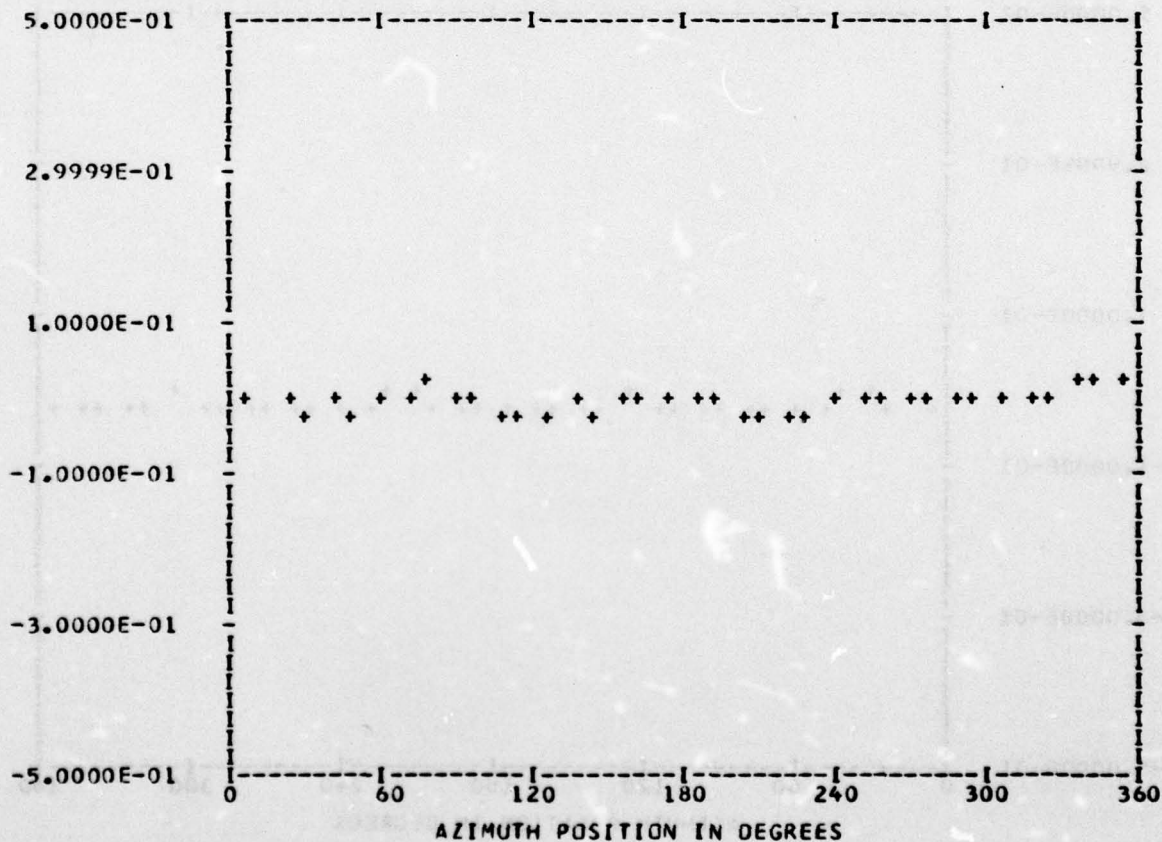
*** PS017.7 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 RANDEGE 0

RUN 21
 TP 1
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.56913E-02	1	0.56156E-02	0.19110E-03	0.56188E-02	88.0
	2	-0.26622E-04	-0.27671E-02	0.27673E-02	180.5
	3	-0.21054E-02	-0.22874E-02	0.31089E-02	222.6
	4	0.40252E-02	-0.11823E-01	0.12490E-01	161.1
	5	0.58842E-03	-0.20353E-02	0.21187E-02	163.8
	6	-0.39458E-03	0.10269E-03	0.40773E-03	284.5
	7	-0.93660E-03	0.59528E-03	0.11097E-02	302.4
	8	-0.33183E-02	-0.59476E-03	0.33711E-02	259.8
	9	0.50869E-03	0.48356E-03	0.70185E-03	46.4
	10	-0.12117E-02	0.26349E-03	0.12401E-02	282.2

MAX= 0.22269E-01 MIN=-0.22659E-01 PEAK TO PEAK/2= 0.22464E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

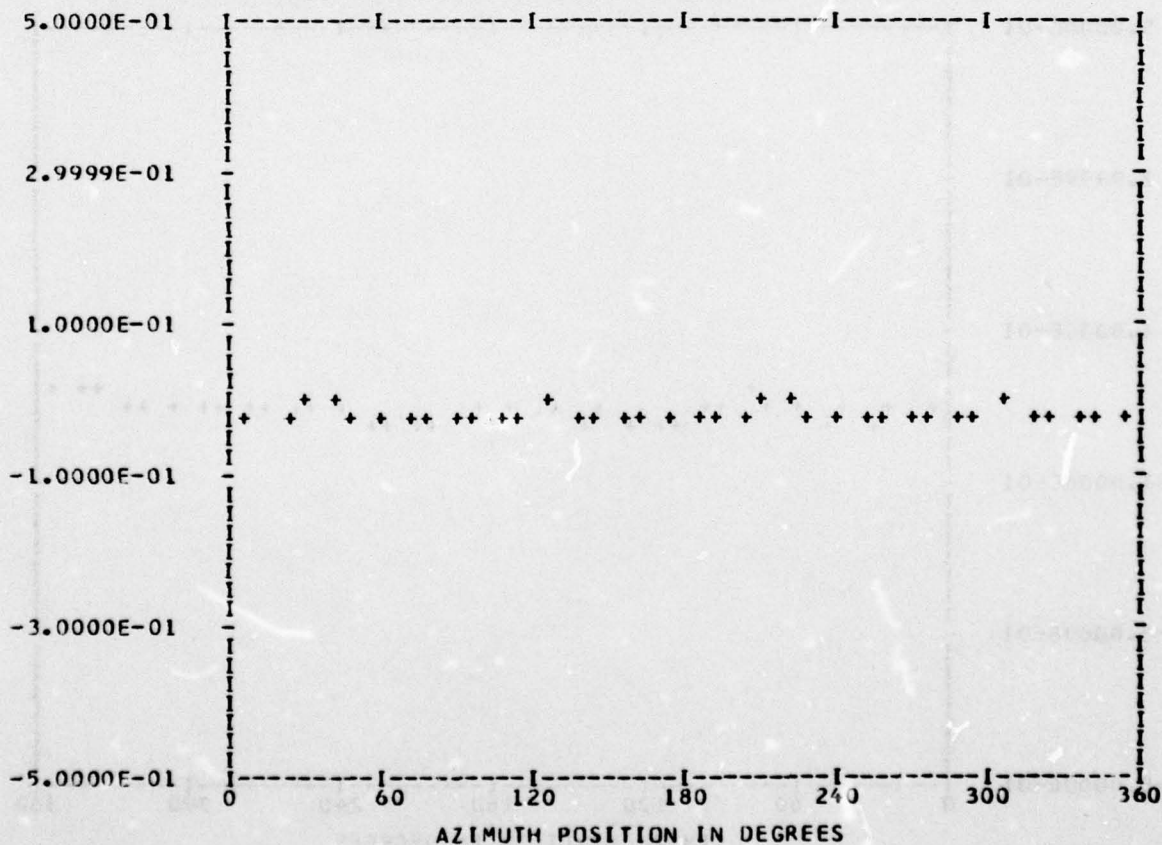
*** PS023.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 1
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.18427E-01	1	0.19576E-02	0.42162E-03	0.20025E-02	77.8
	2	0.92180E-03	0.45939E-03	0.10299E-02	63.5
	3	0.76010E-03	0.33033E-03	0.82877E-03	66.5
	4	-0.35721E-02	0.66728E-02	0.75688E-02	331.8
	5	-0.25778E-03	-0.47188E-03	0.53770E-03	208.6
	6	-0.21242E-03	-0.89796E-03	0.92275E-03	193.3
	7	-0.14662E-03	-0.26279E-03	0.30092E-03	209.1
	8	-0.29832E-03	-0.18613E-02	0.18850E-02	189.1
	9	-0.14419E-03	-0.55626E-03	0.57465E-03	194.5
	10	0.21251E-03	-0.33054E-04	0.21507E-03	98.8

MAX=-0.32813E-02 MIN=-0.28690E-01 PEAK TO PEAK/2= 0.12704E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

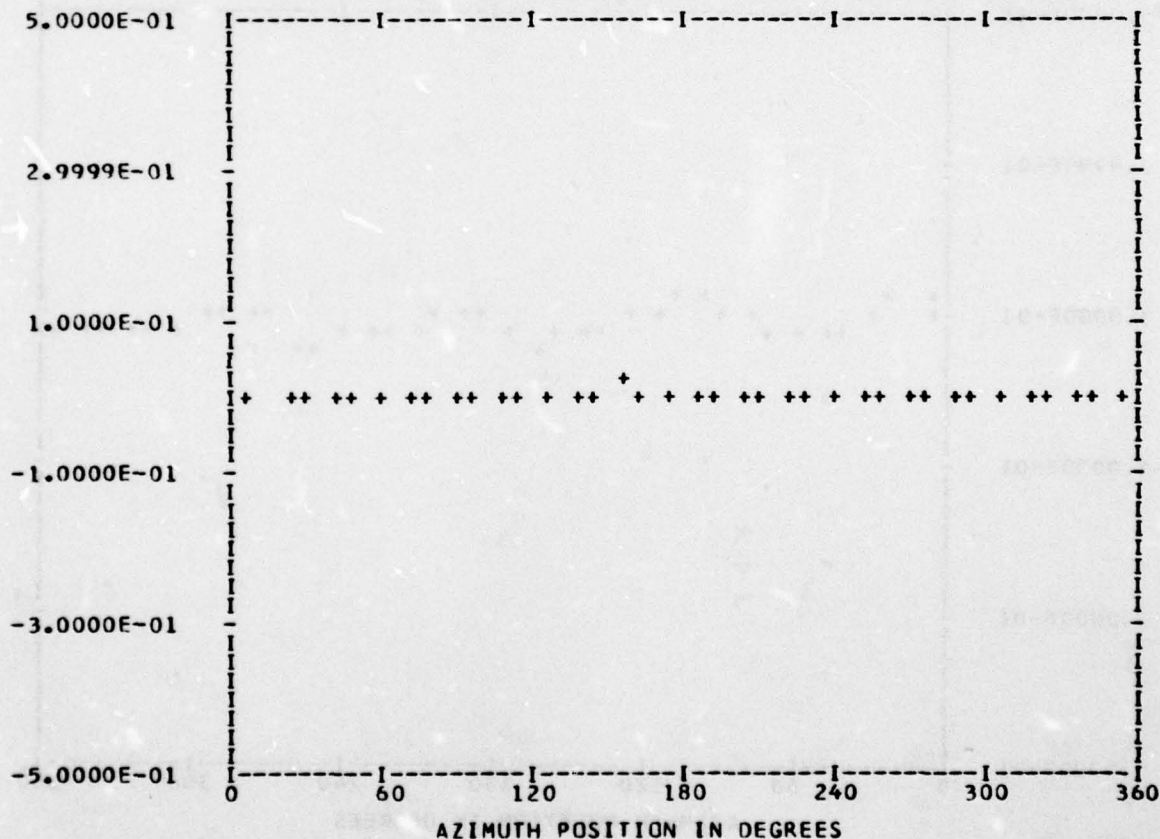
*** PS023.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 1
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.17391E-02	1	-0.75491E-03	0.46826E-03	0.88835E-03	301.8
	2	0.69553E-03	-0.14413E-02	0.16003E-02	154.2
	3	0.32657E-03	0.10702E-02	0.11189E-02	16.9
	4	-0.51282E-03	-0.66759E-03	0.84183E-03	217.5
	5	0.10794E-02	-0.74279E-04	0.10820E-02	93.9
	6	-0.83862E-03	0.36534E-03	0.91475E-03	293.5
	7	0.29354E-03	-0.13989E-02	0.14294E-02	168.1
	8	0.36059E-03	0.11705E-02	0.12248E-02	17.1
	9	-0.74762E-03	-0.84736E-03	0.11300E-02	221.4
	10	0.12466E-02	-0.59807E-04	0.12480E-02	92.7

MAX= 0.19487E-01 MIN=-0.37522E-02 PEAK TO PEAK/2= 0.11619E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

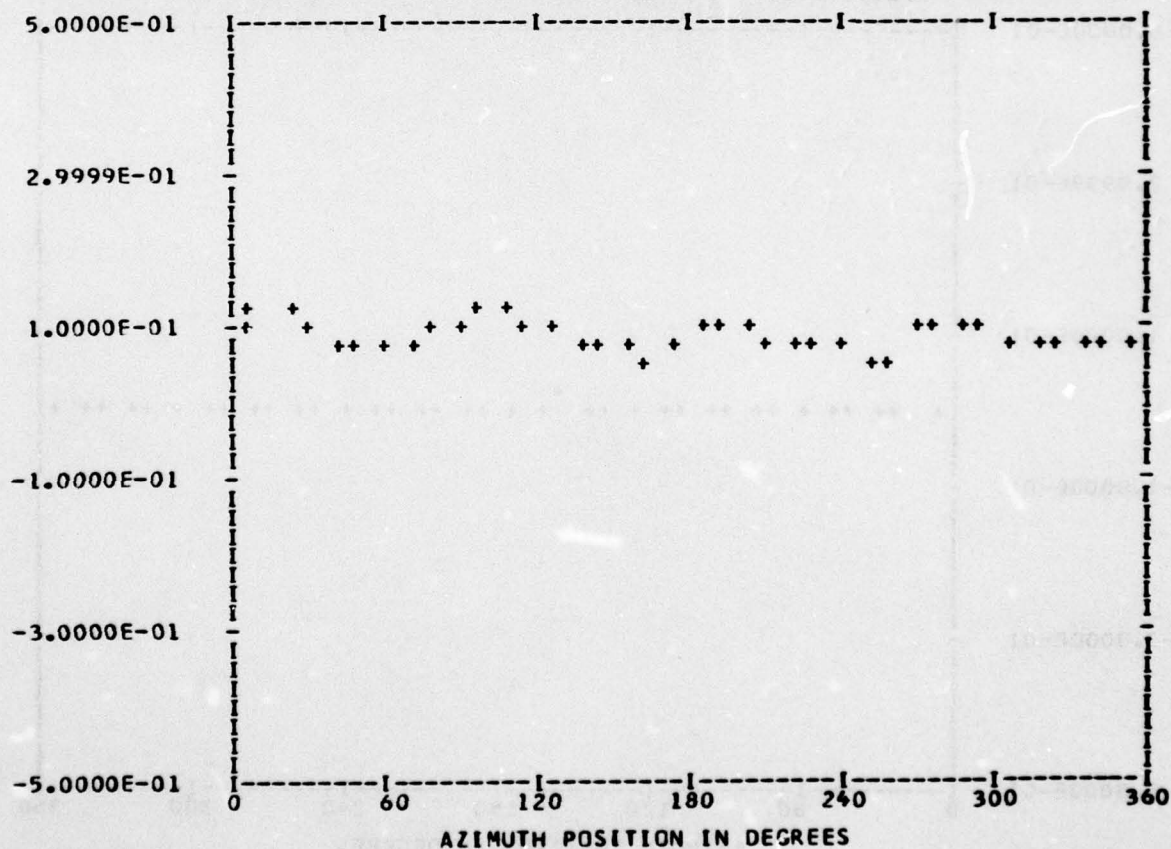
*** PS023.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 1
 CHAN 62

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.87418E-01	1	0.46108E-02	0.59587E-02	0.75343E-02	37.7
	2	-0.14291E-02	0.56893E-03	0.15382E-02	291.7
	3	0.20246E-02	-0.14230E-02	0.24746E-02	125.1
	4	0.21739E-01	0.91418E-02	0.23583E-01	67.1
	5	0.43241E-03	-0.87351E-03	0.97468E-03	153.6
	6	-0.69798E-03	0.21125E-02	0.22248E-02	341.7
	7	-0.86343E-03	0.16579E-02	0.18693E-02	332.4
	8	0.63154E-02	0.29920E-03	0.63225E-02	87.2
	9	-0.28972E-02	0.64217E-03	0.29675E-02	282.4
	10	0.13965E-02	0.11042E-02	0.17803E-02	51.6

MAX= 0.12572E 00 MIN= 0.56125E-01 PEAK TO PEAK/2= 0.34800E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

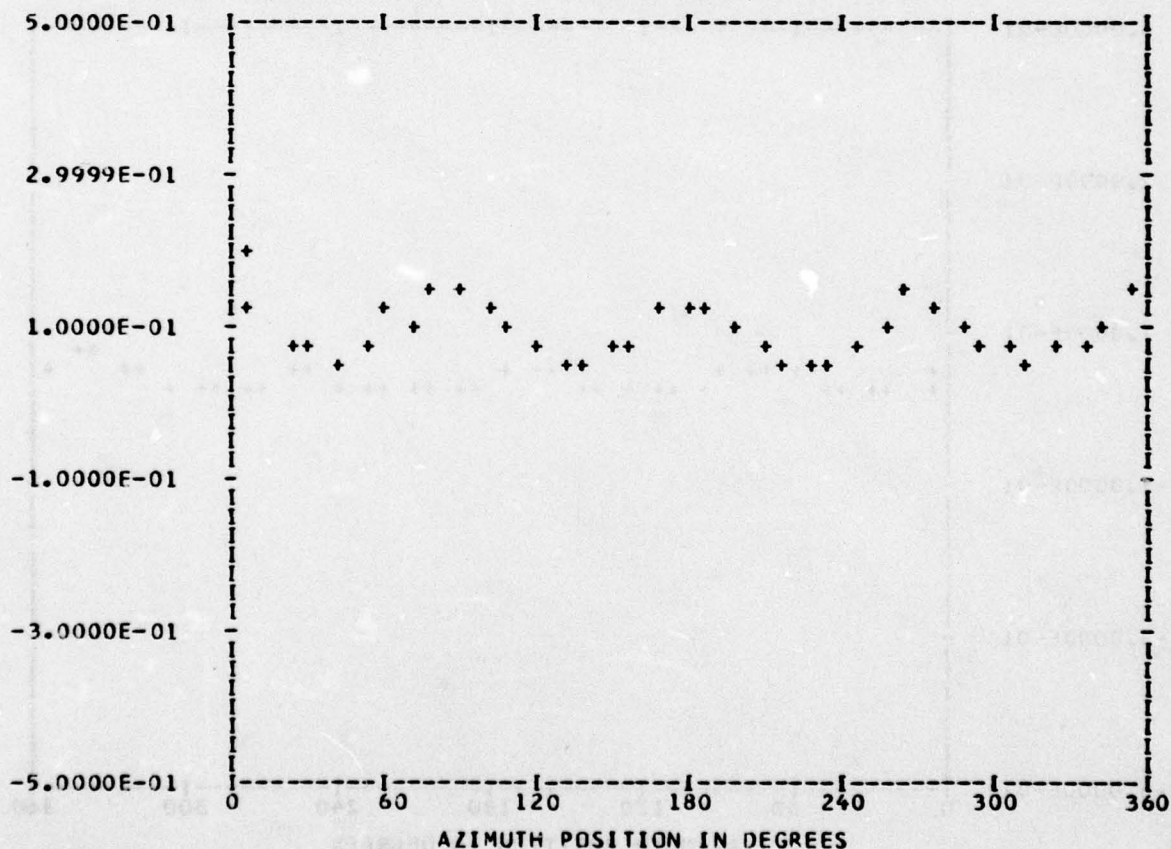
*** PS023.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 37
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 1
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.96404E-01	1	0.91594E-02	0.73715E-02	0.11757E-01	51.1
	2	0.23270E-02	-0.11103E-02	0.25783E-02	115.5
	3	-0.24398E-02	-0.11331E-02	0.26901E-02	245.0
	4	0.41460E-01	-0.17100E-01	0.44848E-01	112.4
	5	0.63394E-02	-0.38099E-02	0.73961E-02	121.0
	6	0.32116E-02	-0.16214E-02	0.35977E-02	116.7
	7	0.47688E-02	0.14165E-02	0.49748E-02	73.4
	8	0.75424E-02	-0.59642E-02	0.96156E-02	128.3
	9	0.16917E-02	0.77223E-04	0.16935E-02	87.3
	10	0.16734E-03	-0.70947E-03	0.72893E-03	166.7

MAX= 0.20504E 00 MIN= 0.49487E-01 PEAK TO PEAK/2= 0.77780E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

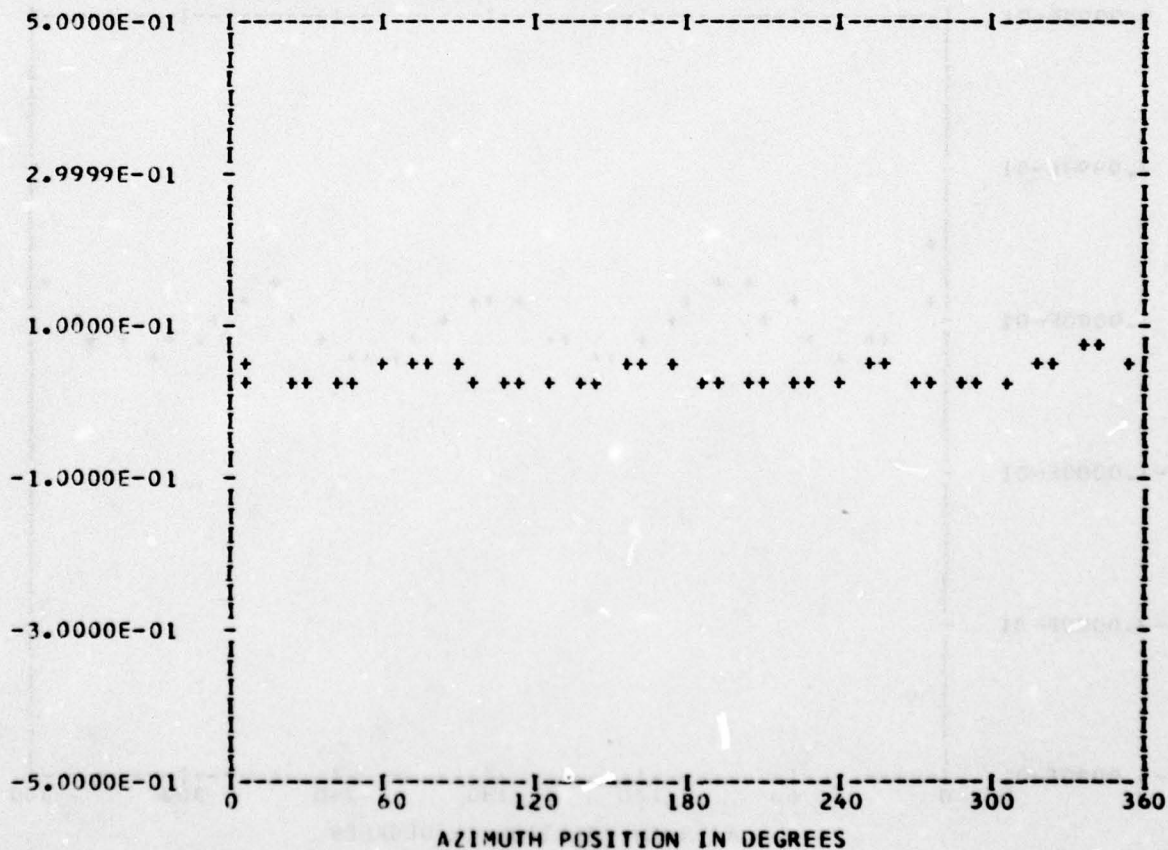
*** PS023.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 1
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.35615E-01	1	0.73320E-02	-0.71677E-03	0.73669E-02	95.5
	2	-0.23967E-03	-0.46055E-02	0.46117E-02	182.9
	3	-0.33709E-02	-0.20859E-02	0.39641E-02	238.2
	4	-0.13187E-02	-0.16098E-01	0.16152E-01	184.6
	5	0.28065E-03	-0.20977E-02	0.21164E-02	172.3
	6	-0.56627E-03	0.84506E-04	0.57254E-03	278.4
	7	-0.81898E-03	0.39291E-03	0.90835E-03	295.6
	8	-0.38556E-02	0.64514E-03	0.39092E-02	279.4
	9	-0.71109E-04	0.52162E-03	0.52644E-03	352.2
	10	-0.90765E-03	-0.37876E-03	0.98351E-03	247.3

MAX= 0.68967E-01 MIN= 0.16467E-01 PEAK TO PEAK/2= 0.26250E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

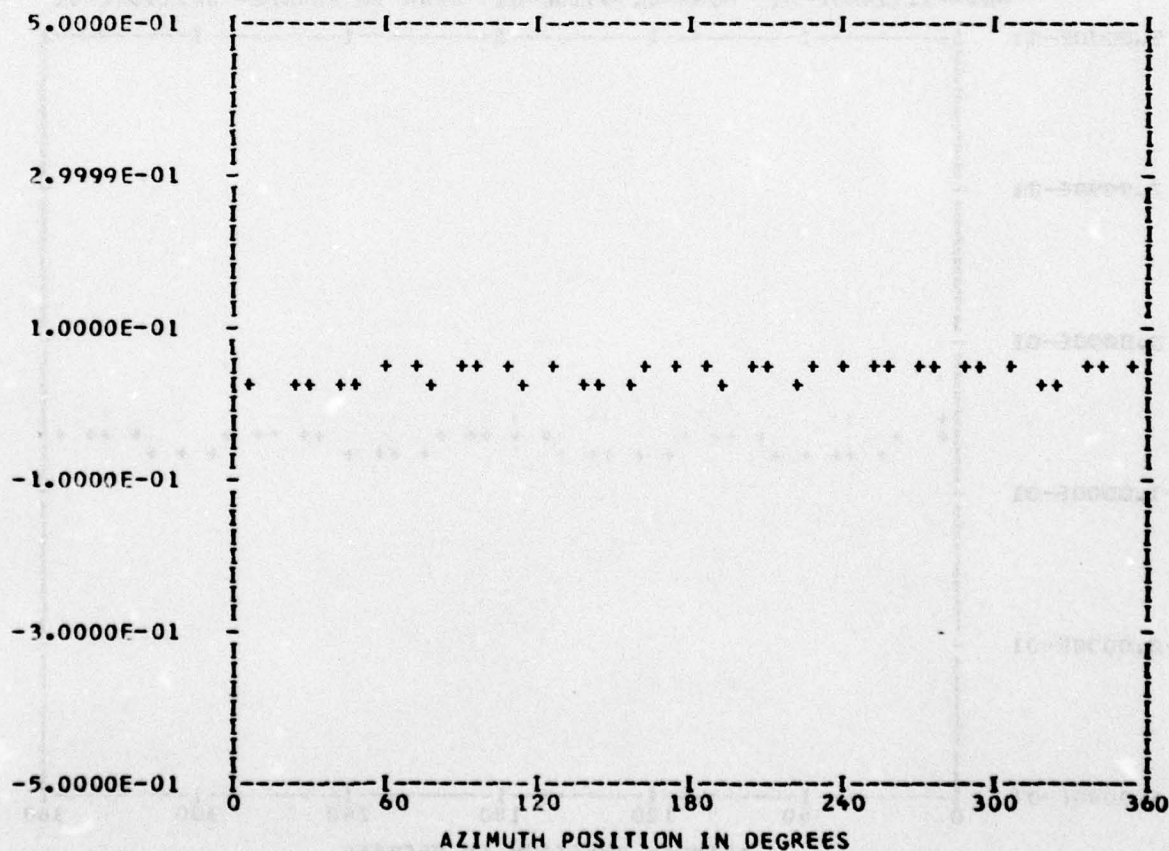
*** PS026.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 1
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.40912E-01	1	-0.15709E-02	-0.13953E-02	0.21011E-02	228.3
	2	-0.37291E-02	0.65678E-03	0.37865E-02	279.9
	3	-0.20801E-02	-0.12540E-02	0.24289E-02	238.9
	4	0.29317E-02	-0.22479E-02	0.36944E-02	127.4
	5	-0.99320E-03	0.91224E-03	0.13485E-02	312.5
	6	-0.21929E-03	-0.21555E-02	0.21666E-02	185.8
	7	-0.61042E-03	0.13220E-02	0.14561E-02	335.2
	8	-0.16534E-02	-0.42259E-03	0.17066E-02	255.6
	9	-0.13307E-02	0.23039E-02	0.26606E-02	329.9
	10	-0.44738E-02	-0.17111E-02	0.47898E-02	249.0

MAX= 0.53010E-01 MIN= 0.26027E-01 PEAK TO PEAK/2= 0.13491E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

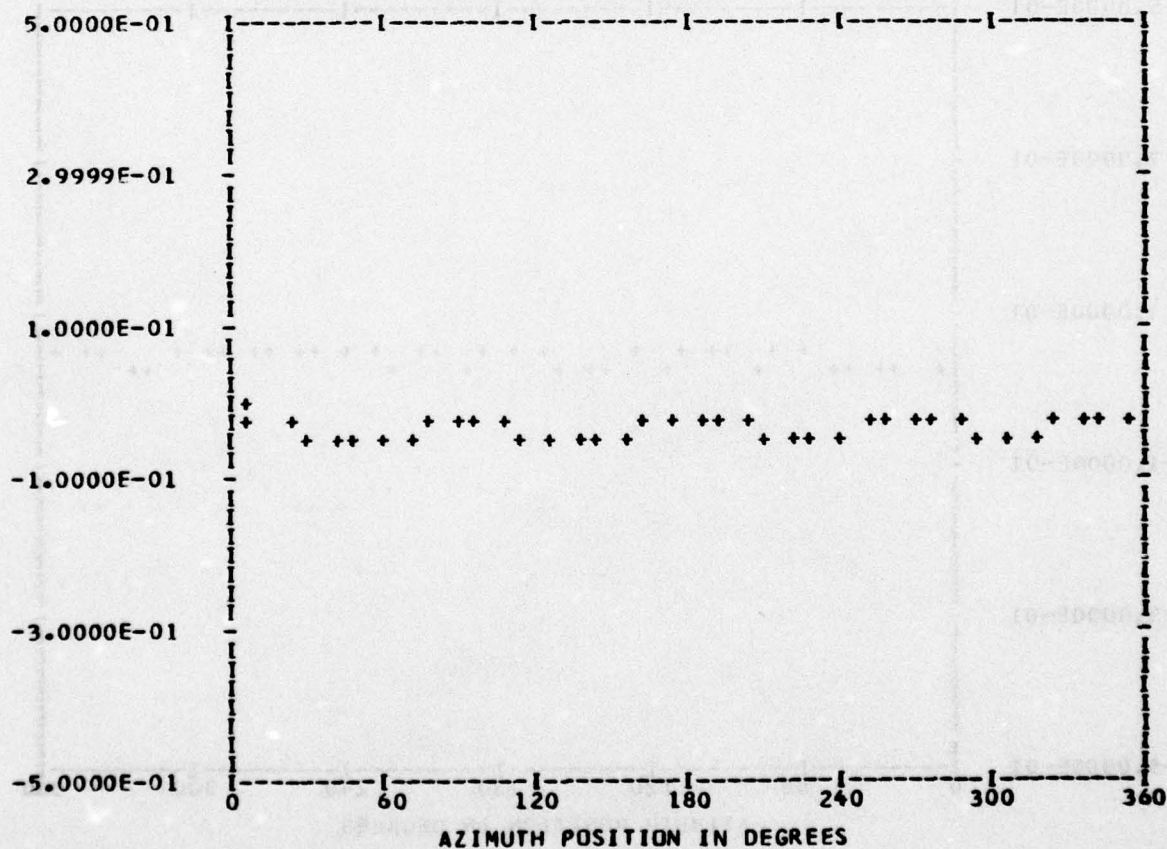
*** PS004.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.33938E-01	1	-0.70272E-03	-0.31032E-02	0.31818E-02	192.7
	2	0.13341E-02	-0.27541E-02	0.30602E-02	154.1
	3	0.20512E-03	-0.31226E-02	0.31294E-02	176.2
	4	0.13783E-01	-0.53423E-02	0.14782E-01	111.1
	5	0.16407E-02	0.13822E-03	0.16465E-02	85.1
	6	-0.61358E-03	0.11667E-03	0.62457E-03	280.7
	7	0.30393E-04	0.65507E-04	0.72214E-04	24.8
	8	0.24423E-02	0.17886E-03	0.24488E-02	85.8
	9	0.11318E-02	-0.14995E-02	0.18787E-02	142.9
	10	0.56208E-03	-0.12607E-02	0.13803E-02	155.9

MAX=-0.12445E-01 MIN=-0.56310E-01 PEAK TO PEAK/2= 0.21932E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

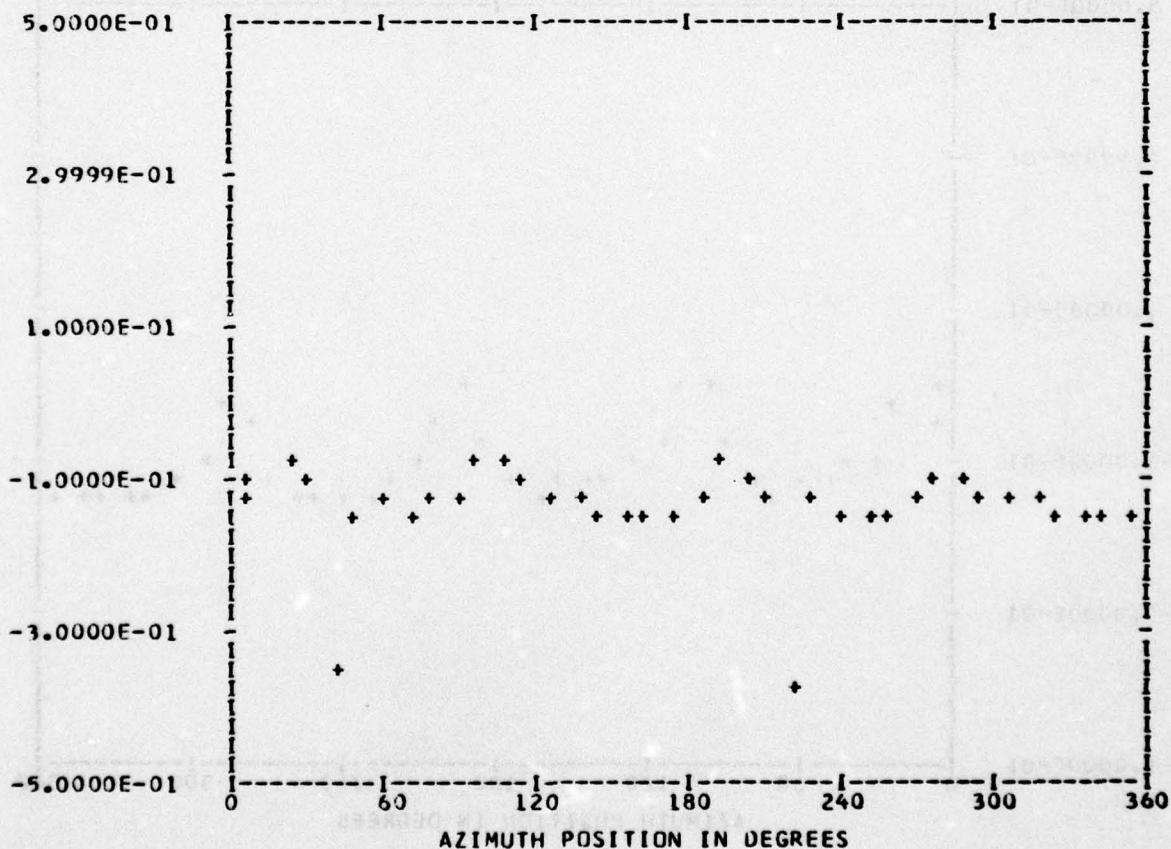
*** PS013.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13647E 00	1	-0.18019E-02	0.79010E-02	0.81039E-02	347.1
	2	-0.12559E-01	-0.18121E-01	0.22048E-01	214.7
	3	-0.28026E-03	-0.12809E-02	0.13112E-02	192.3
	4	0.37489E-01	-0.10920E-02	0.37505E-01	91.6
	5	-0.46441E-03	0.26823E-02	0.27222E-02	350.1
	6	0.24174E-01	0.63391E-02	0.24992E-01	75.3
	7	0.45609E-03	0.11096E-02	0.11997E-02	22.3
	8	0.14171E-01	0.31041E-01	0.34123E-01	24.5
	9	-0.22263E-02	-0.12669E-02	0.25615E-02	240.3
	10	-0.18441E-01	0.14094E-01	0.23211E-01	307.3

MAX=-0.71740E-01 MIN=-0.36510E 00 PEAK TO PEAK/2= 0.14668E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

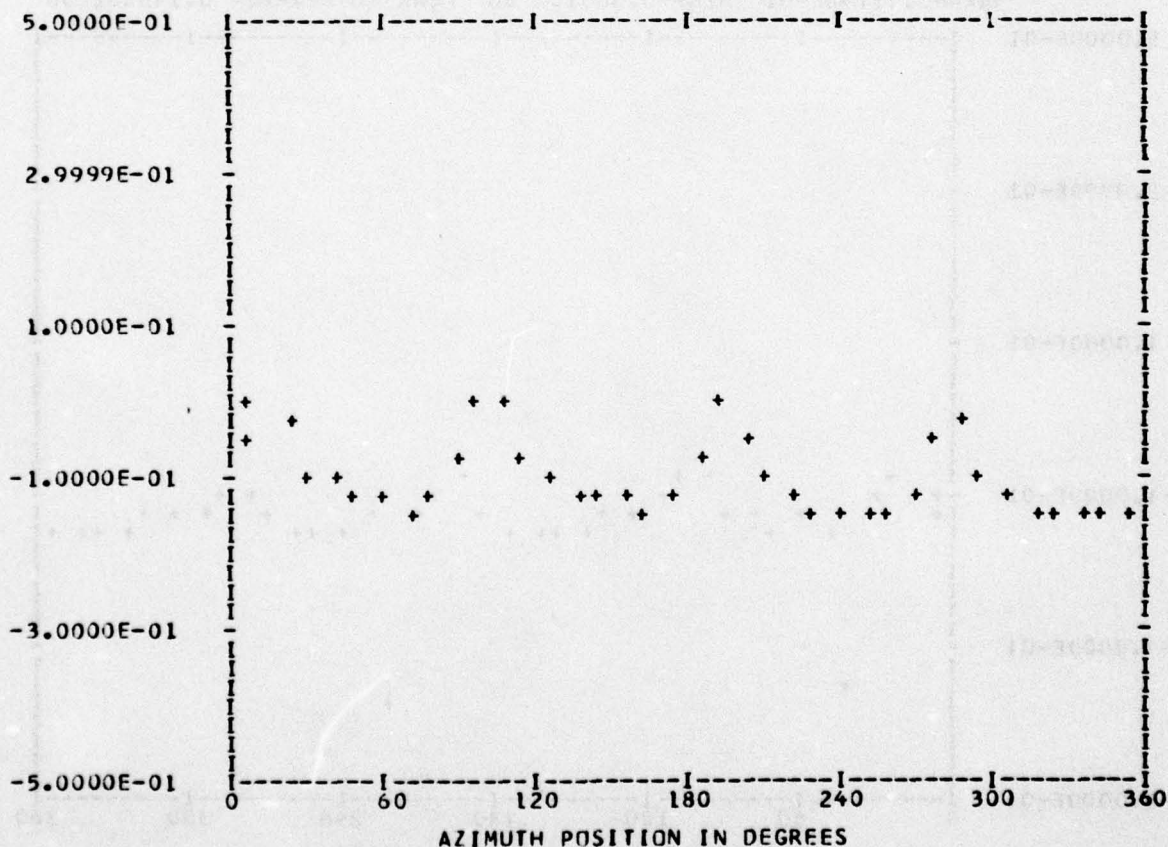
*** PS013.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10175E 00	1	0.79936E-04	0.16173E-01	0.16173E-01	0.2
	2	0.28989E-02	0.37117E-02	0.47096E-02	37.9
	3	-0.11173E-03	-0.14681E-02	0.14723E-02	184.3
	4	0.53433E-01	0.22066E-01	0.57810E-01	67.5
	5	0.19883E-02	0.21341E-02	0.29168E-02	42.9
	6	0.38810E-03	0.12301E-02	0.12899E-02	17.5
	7	-0.75367E-03	-0.16612E-02	0.18242E-02	204.4
	8	0.21708E-01	0.97947E-02	0.23815E-01	65.7
	9	0.69254E-03	-0.37048E-03	0.78541E-03	118.1
	10	0.55494E-03	0.19106E-03	0.58691E-03	71.0

MAX=-0.83708E-02 MIN=-0.15754E 00 PEAK TO PEAK/2= 0.74586E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

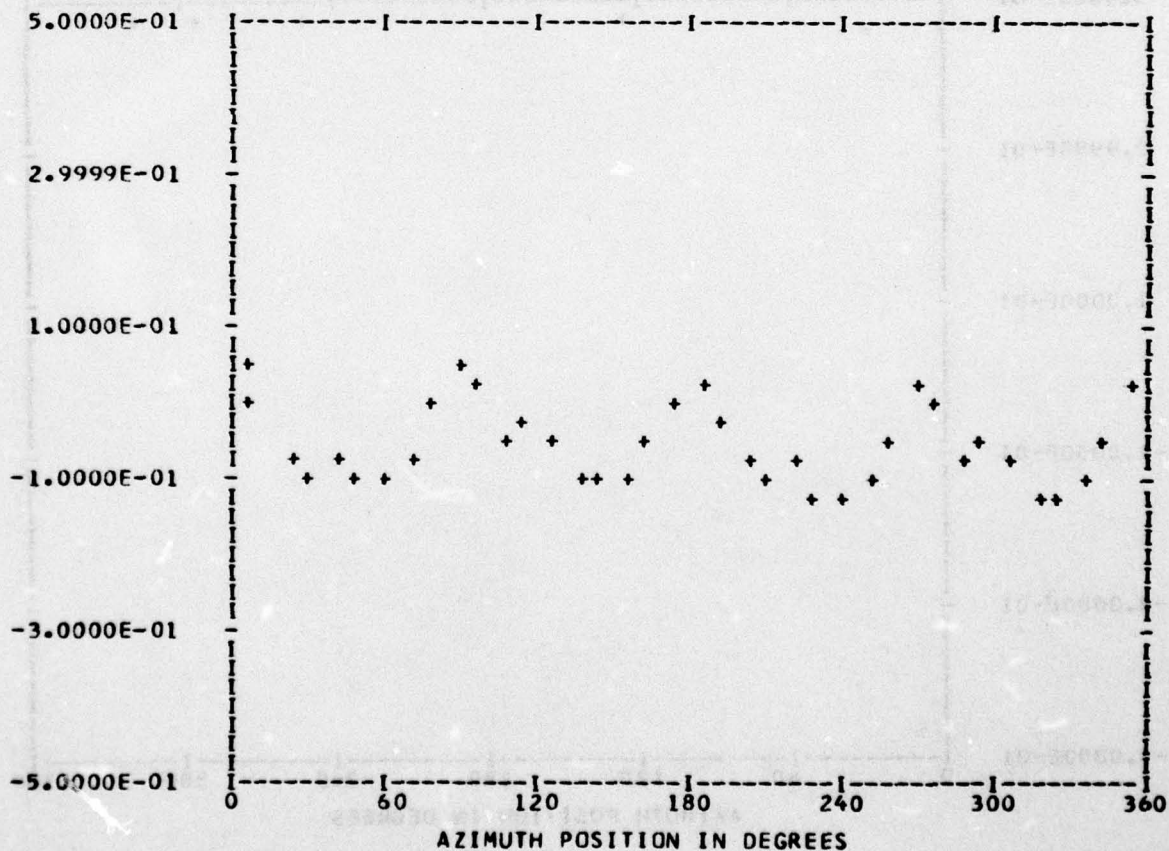
*** PS013.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 T 1
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.53248E-01	1	0.71277E-02	0.12521E-01	0.14408E-01	29.6
	2	-0.45886E-03	-0.65014E-02	0.65175E-02	184.0
	3	0.44653E-02	-0.38787E-02	0.59147E-02	130.9
	4	0.62586E-01	-0.21014E-02	0.62621E-01	91.9
	5	0.37217E-02	-0.18087E-02	0.41380E-02	115.9
	6	0.57570E-02	-0.55913E-02	0.80253E-02	134.1
	7	0.28785E-03	-0.15843E-02	0.16102E-02	169.7
	8	0.14113E-01	-0.19335E-01	0.23938E-01	143.8
	9	-0.53590E-03	-0.44390E-03	0.69587E-03	230.3
	10	0.36573E-02	0.75586E-02	0.83970E-02	25.8

MAX= 0.57352E-01 MIN=-0.12693E 00 PEAK TO PEAK/2= 0.92145E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

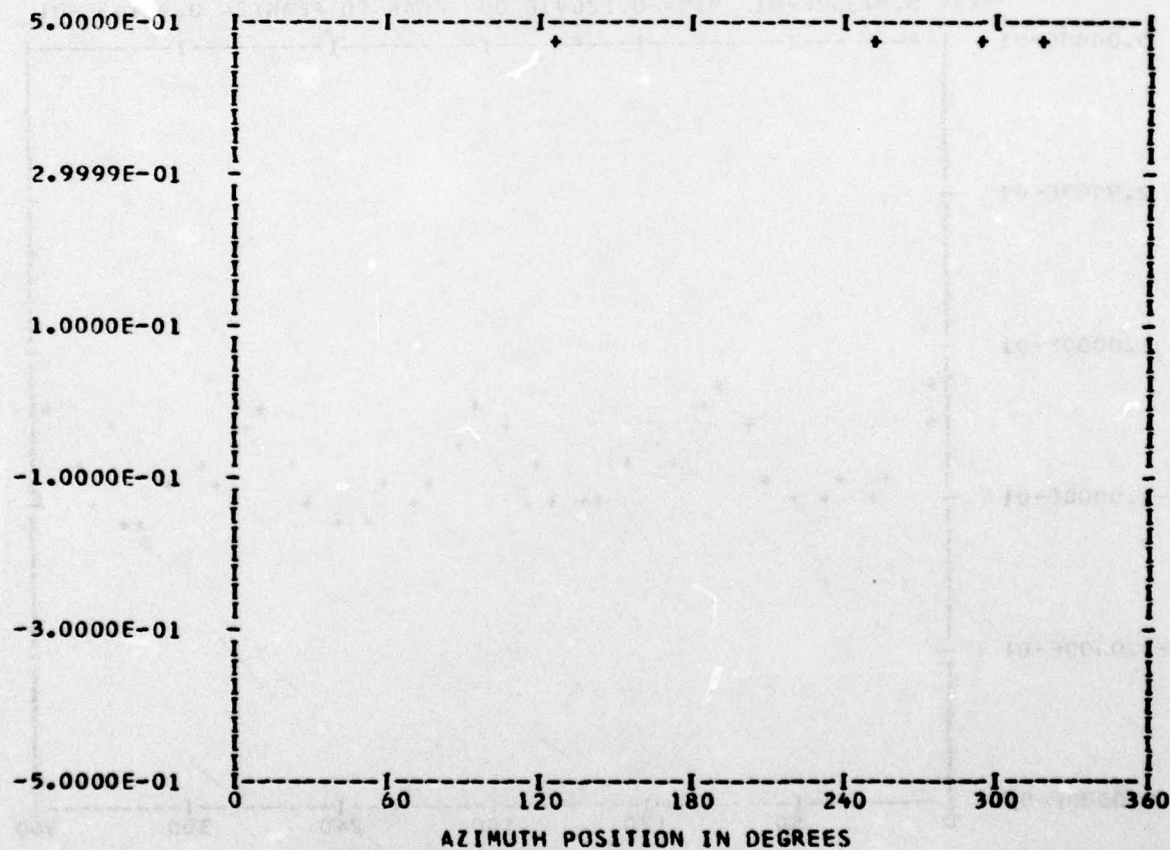
*** PS015.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 12
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.49696E 00	1	-0.15176E-02	0.95631E-03	0.17938E-02	302.2
	2	0.46055E-02	0.46967E-03	0.46294E-02	84.1
	3	-0.48588E-03	-0.24842E-02	0.25313E-02	191.0
	4	0.66426E-02	-0.18718E-02	0.69013E-02	105.7
	5	-0.50257E-03	-0.18176E-03	0.53443E-03	250.1
	6	-0.21411E-02	-0.10542E-03	0.21437E-02	267.1
	7	0.62643E-03	0.90765E-03	0.11028E-02	34.6
	8	0.52711E-03	0.51047E-03	0.73378E-03	45.9
	9	-0.32310E-03	-0.37273E-03	0.49328E-03	220.9
	10	-0.13424E-02	-0.62675E-03	0.14815E-02	244.9

MAX= 0.51064E 00 MIN= 0.48159E 00 PEAK TO PEAK/2= 0.14528E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

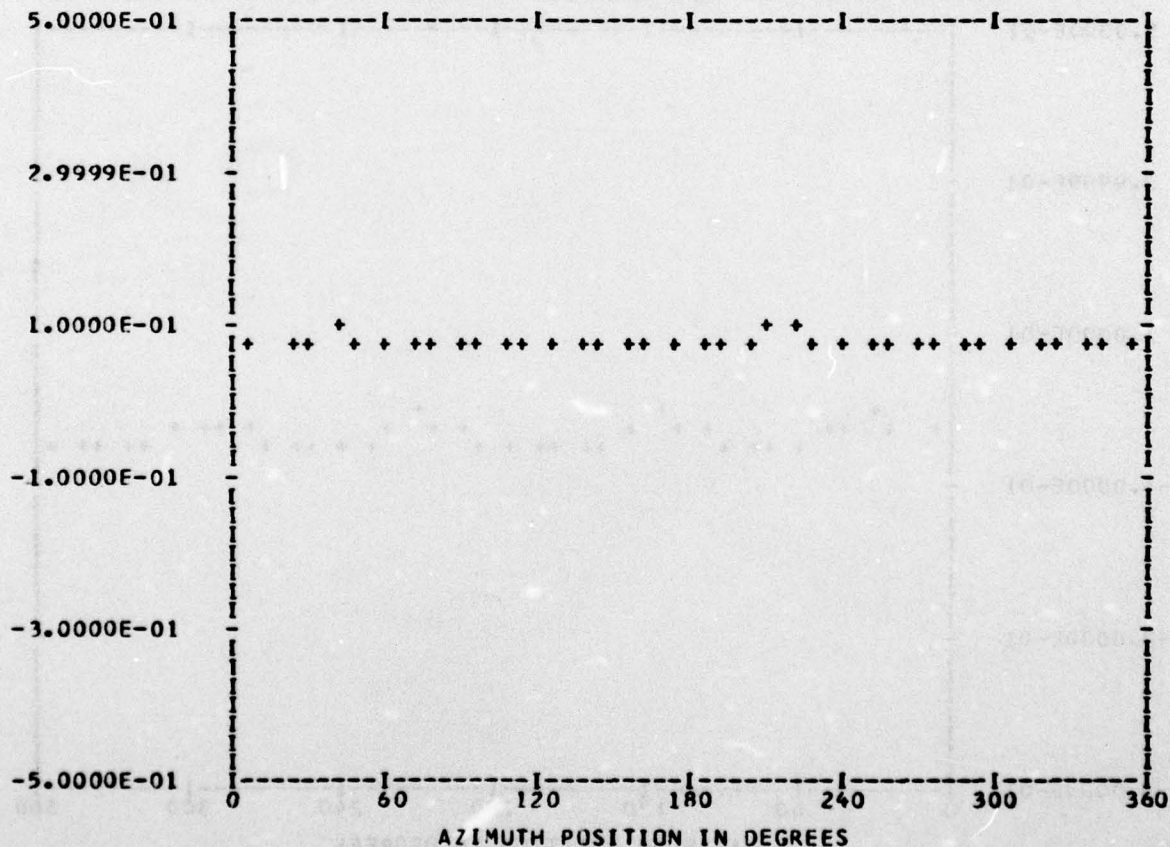
*** PS017.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 22
 TP 1
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.77283E-01	1	-0.37832E-03	0.18846E-02	0.19222E-02	348.6
	2	0.20101E-02	0.60082E-03	0.20980E-02	73.3
	3	0.36290E-03	-0.89377E-03	0.96463E-03	157.9
	4	-0.92359E-03	0.88235E-02	0.88717E-02	354.0
	5	0.18971E-03	0.17366E-03	0.25720E-03	47.5
	6	-0.35432E-03	-0.14037E-03	0.38111E-03	248.3
	7	0.23504E-04	-0.41527E-03	0.41593E-03	176.7
	8	0.10106E-03	-0.14219E-02	0.14255E-02	175.9
	9	0.34995E-03	-0.69829E-03	0.78107E-03	153.3
	10	0.24735E-03	-0.17286E-03	0.30177E-03	124.9

MAX= 0.89766E-01 MIN= 0.64991E-01 PEAK TO PEAK/2= 0.12387E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

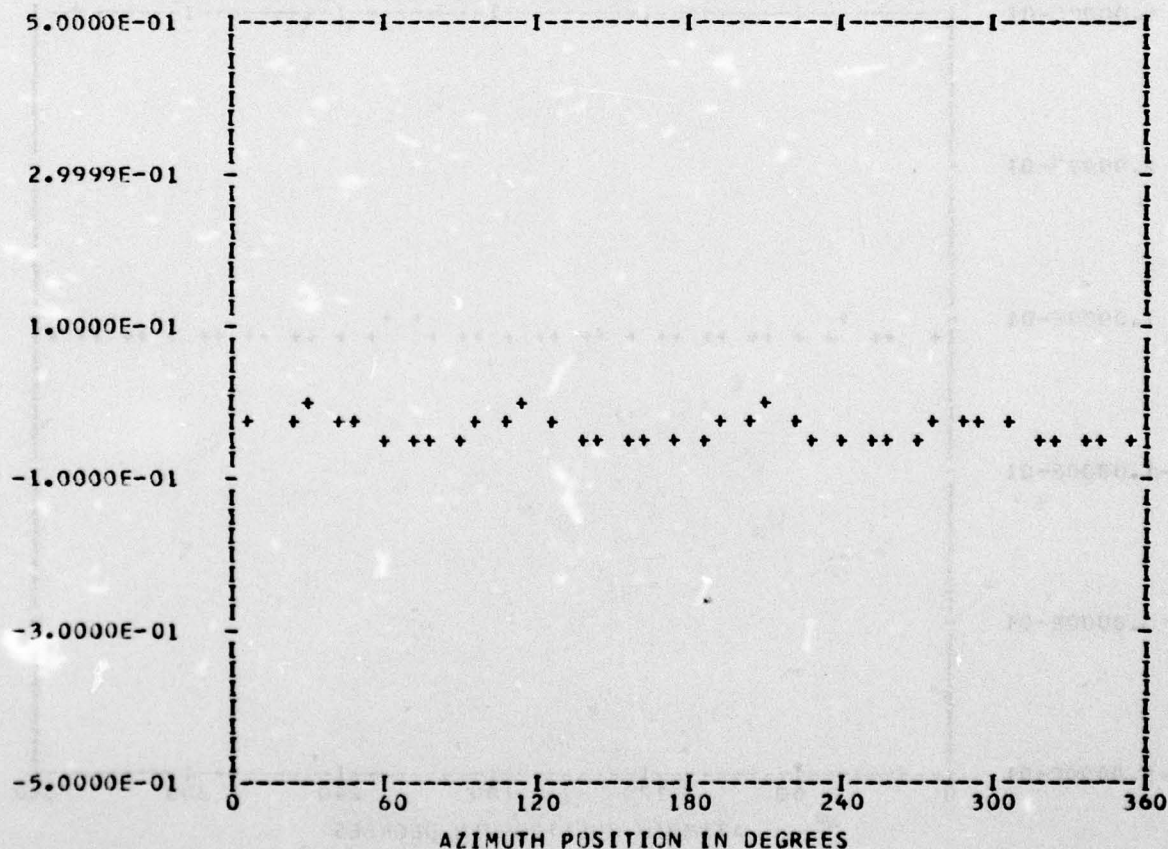
*** PS017.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.36189E-01	1	0.89661E-03	-0.15143E-02	0.17598E-02	149.3
	2	0.60185E-03	0.15338E-02	0.16476E-02	21.4
	3	0.26469E-02	-0.82419E-03	0.27722E-02	107.2
	4	0.58989E-02	0.22371E-01	0.23136E-01	14.7
	5	-0.16872E-02	0.37640E-03	0.17286E-02	282.5
	6	-0.17546E-02	-0.31380E-04	0.17549E-02	268.9
	7	0.13561E-02	-0.16747E-02	0.21549E-02	141.0
	8	-0.44939E-02	0.10320E-02	0.46109E-02	282.9
	9	0.38403E-03	-0.10136E-02	0.10839E-02	159.2
	10	0.17327E-02	-0.46909E-03	0.17950E-02	105.1

MAX=-0.40781E-02 MIN=-0.60928E-01 PEAK TO PEAK/2= 0.28425E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

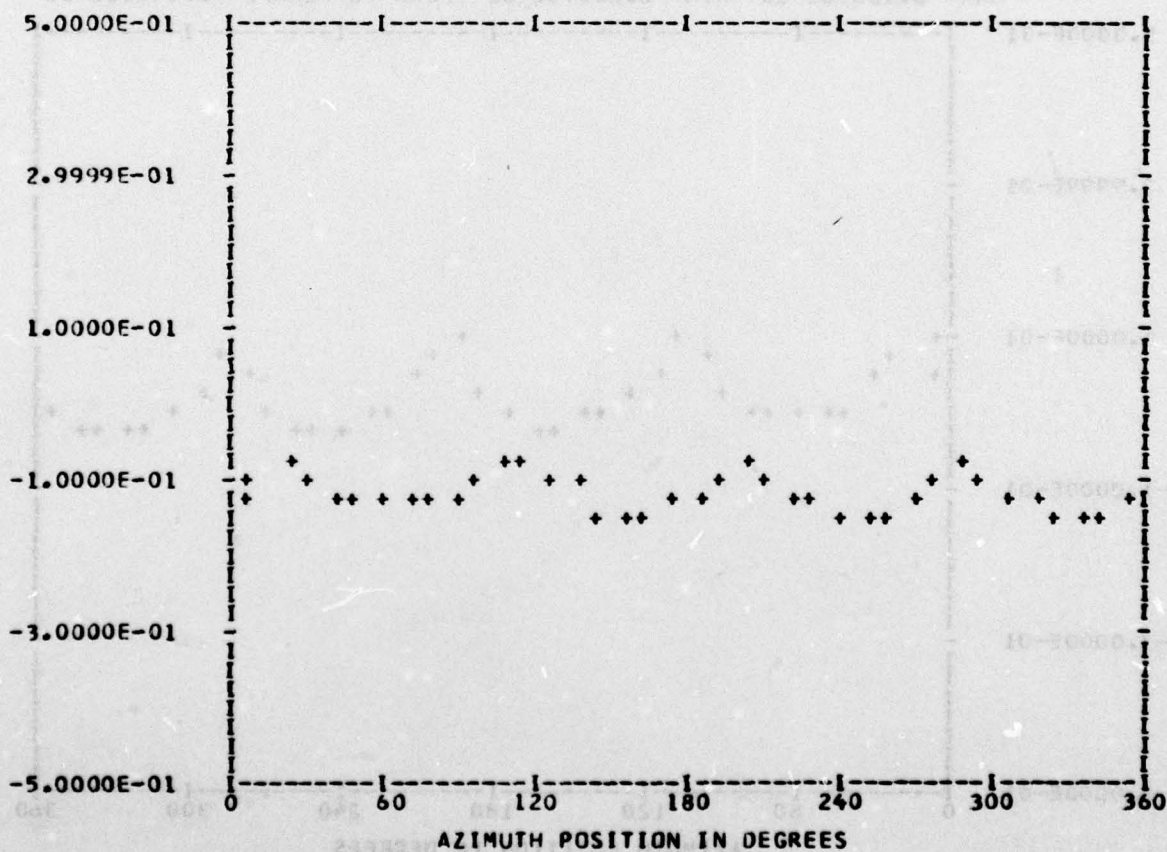
*** PS017.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11845E 00	1	-0.38537E-03	0.53757E-02	0.53895E-02	355.8
	2	-0.23746E-03	0.22072E-02	0.22199E-02	353.8
	3	0.10701E-02	-0.16014E-02	0.19261E-02	146.2
	4	0.19860E-01	0.22805E-01	0.30241E-01	41.0
	5	0.27626E-05	-0.19768E-03	0.19770E-03	179.1
	6	0.84532E-03	0.15870E-02	0.17981E-02	28.0
	7	-0.41155E-03	-0.19532E-03	0.45555E-03	244.6
	8	0.10441E-02	0.66727E-02	0.67539E-02	8.8
	9	-0.16505E-03	-0.11612E-02	0.11729E-02	188.0
	10	-0.19706E-02	-0.15343E-02	0.24974E-02	232.0

MAX=-0.75552E-01 MIN=-0.14771E 00 PEAK TO PEAK/2= 0.36079E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

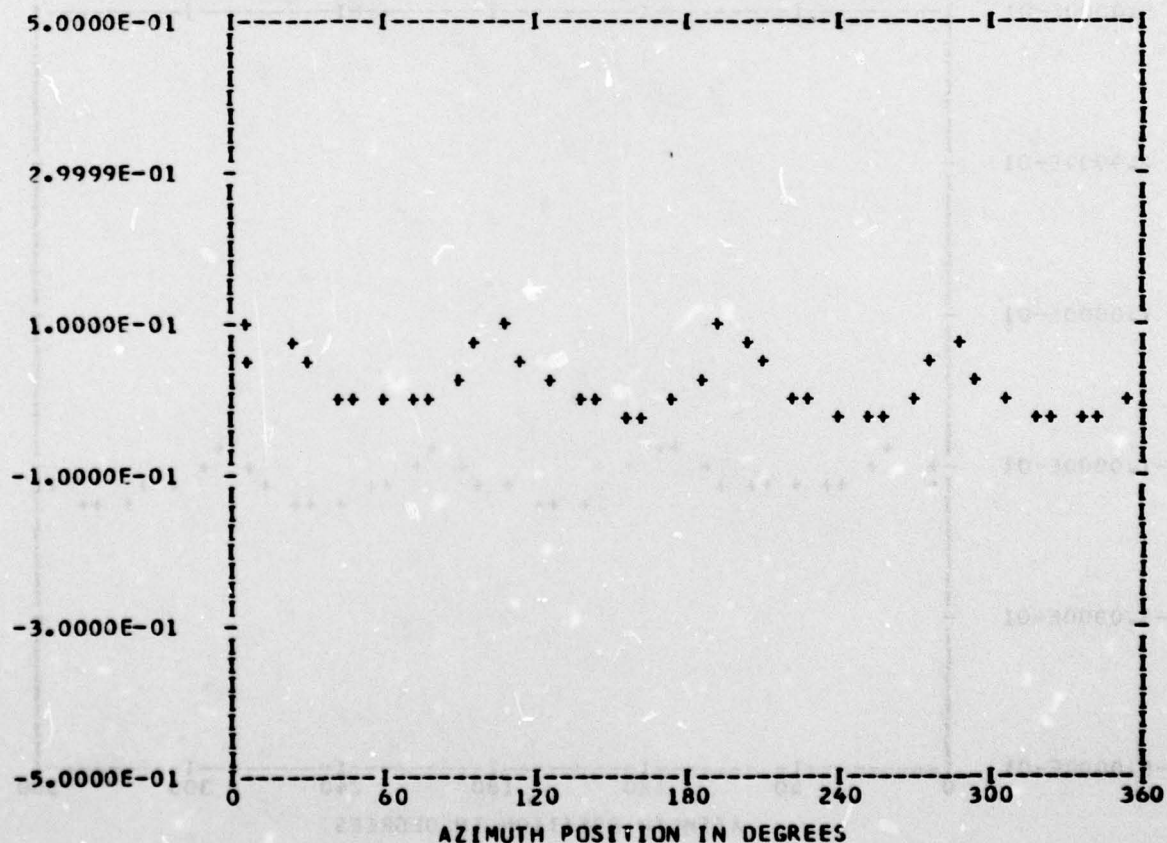
*** PS017.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 22
 TP 1
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.19737E-01	1	0.26305E-02	0.10444E-01	0.10770E-01	14.1
	2	0.41176E-02	0.41860E-02	0.58718E-02	44.5
	3	0.18465E-02	-0.18709E-02	0.26287E-02	135.3
	4	0.47075E-01	0.20790E-01	0.51462E-01	66.1
	5	0.20760E-02	-0.39215E-03	0.21127E-02	100.6
	6	-0.15298E-02	0.10199E-02	0.18387E-02	303.6
	7	0.35076E-03	0.12105E-03	0.37106E-03	70.9
	8	0.14761E-01	0.11903E-01	0.18963E-01	51.1
	9	-0.49177E-04	-0.10638E-02	0.10649E-02	182.6
	10	-0.14526E-02	-0.15965E-02	0.21585E-02	222.2

MAX= 0.10330E 00 MIN=-0.26570E-01 PEAK TO PEAK/2= 0.64938E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

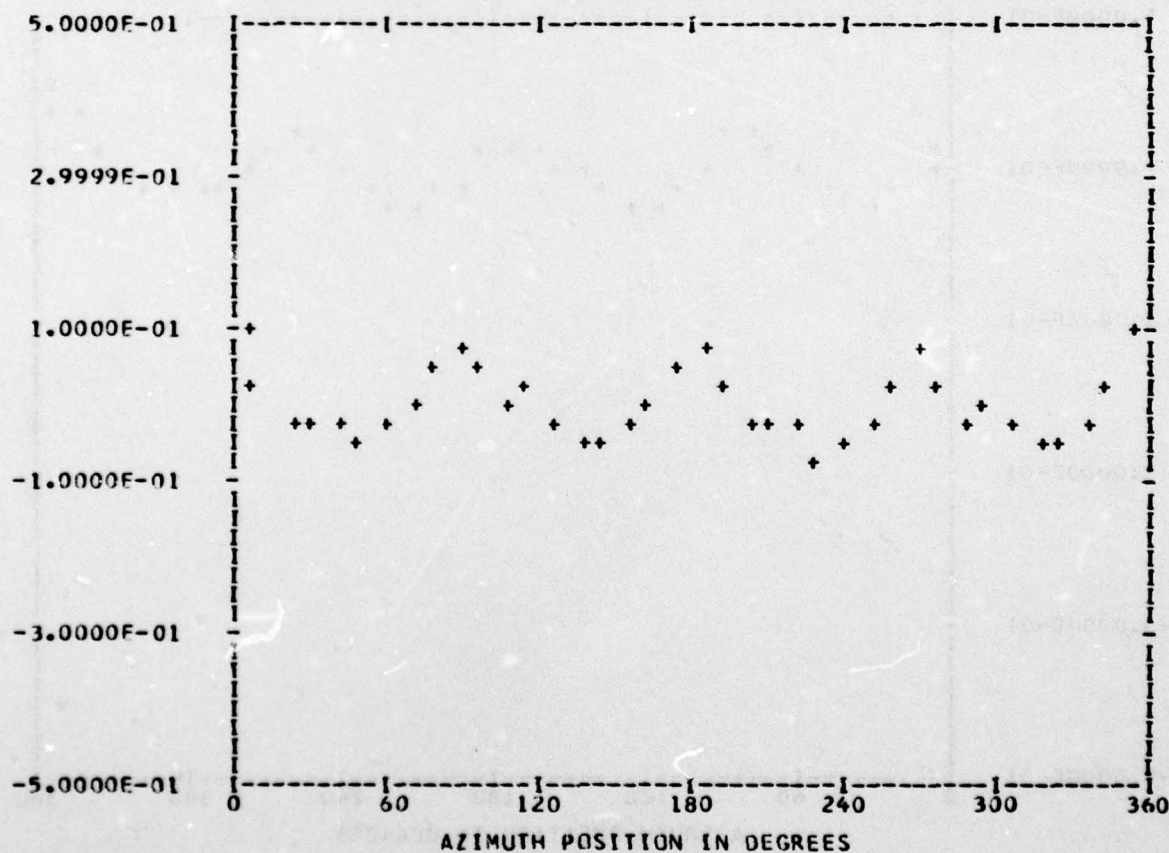
*** PS017.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.44122E-03	1	0.85854E-02	0.84403E-02	0.12039E-01	45.4
	2	0.21136E-02	-0.41936E-02	0.46961E-02	153.2
	3	0.50199E-02	-0.45747E-02	0.67917E-02	132.3
	4	0.54673E-01	-0.11184E-01	0.55805E-01	101.5
	5	0.35869E-02	-0.28016E-02	0.55514E-02	127.9
	6	0.30827E-02	-0.50520E-02	0.59183E-02	148.6
	7	-0.28116E-04	-0.19129E-02	0.19131E-02	180.8
	8	0.90441E-02	-0.18689E-01	0.20762E-01	154.1
	9	-0.85519E-03	-0.52260E-03	0.10022E-02	238.5
	10	0.43488E-02	0.46844E-02	0.63918E-02	42.8

MAX= 0.98237E-01 MIN=-0.64350E-01 PEAK TO PEAK/2= 0.81293E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

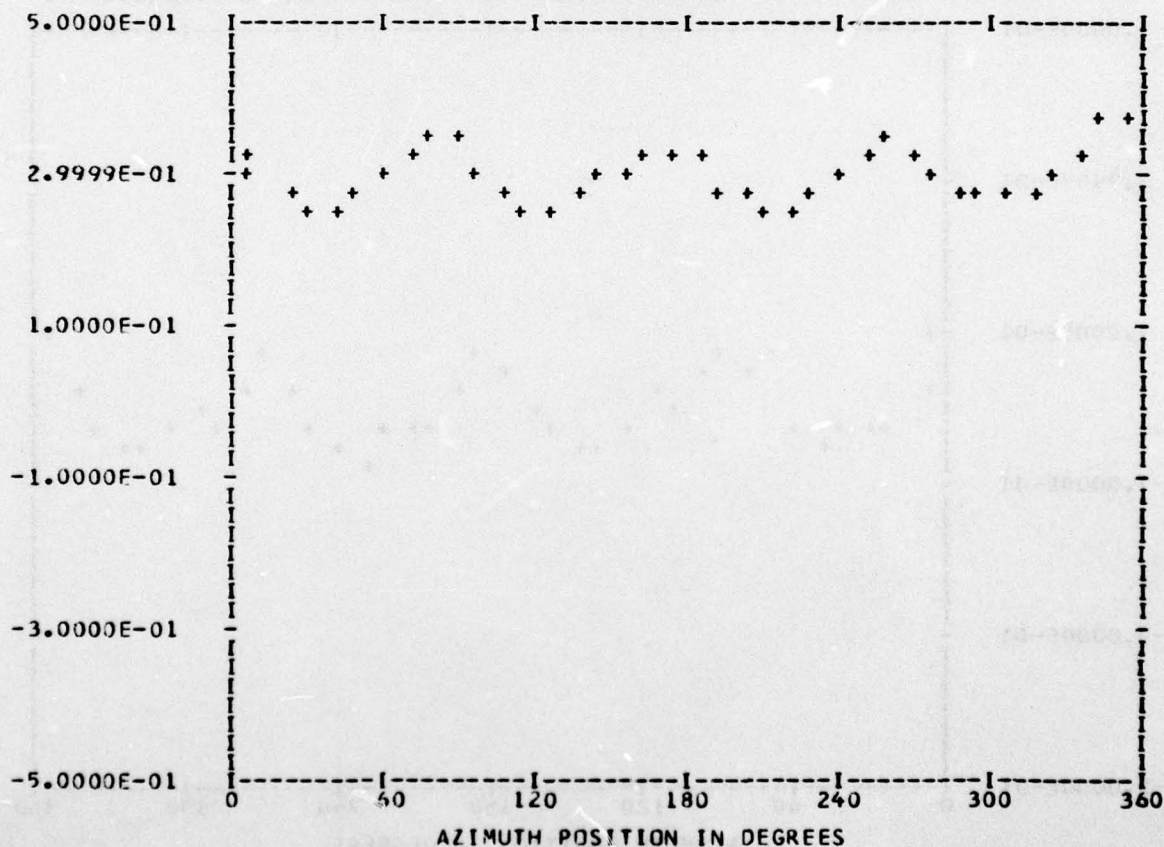
*** PS017.6 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.29710E 00	1	0.90547E-02	0.36511E-03	0.90621E-02	87.6
	2	0.39234E-02	-0.46531E-02	0.60864E-02	139.8
	3	0.13871E-02	-0.59874E-02	0.61459E-02	166.9
	4	0.19253E-01	-0.41282E-01	0.45551E-01	154.9
	5	0.18551E-02	-0.41181E-02	0.45166E-02	155.7
	6	-0.28683E-03	0.58111E-03	0.64805E-03	333.7
	7	-0.15878E-02	-0.16916E-02	0.23200E-02	223.1
	8	-0.44135E-02	-0.86653E-02	0.97245E-02	206.9
	9	-0.13019E-02	0.27592E-03	0.13308E-02	281.9
	10	0.34535E-03	0.19432E-03	0.39627E-03	60.6

MAX= 0.37402E 00 MIN= 0.25818E 00 PEAK TO PEAK/2= 0.57918E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

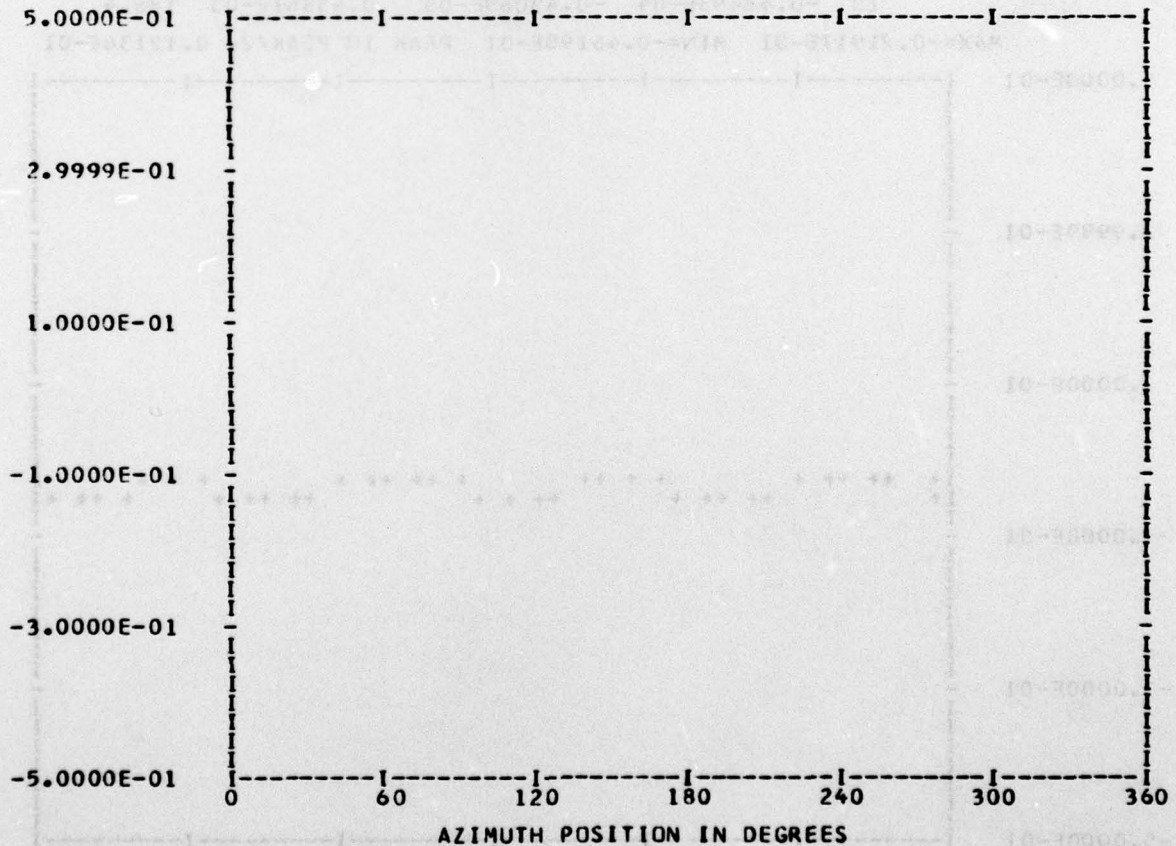
*** PS017.7 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 38
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.55896E 00	1	0.22241E-02	-0.70790E-03	0.23340E-02	107.6
	2	0.12696E-02	-0.24950E-02	0.27994E-02	153.0
	3	-0.47592E-03	-0.23349E-02	0.23829E-02	191.5
	4	0.39472E-02	-0.11689E-01	0.12338E-01	161.3
	5	0.65199E-03	-0.22919E-02	0.23829E-02	164.1
	6	-0.20351E-03	0.13688E-02	0.13838E-02	351.5
	7	-0.38577E-03	-0.67349E-03	0.77615E-03	209.8
	8	-0.30359E-02	-0.14227E-02	0.33527E-02	244.8
	9	-0.65304E-03	0.82368E-03	0.10511E-02	321.5
	10	-0.75182E-04	-0.16638E-03	0.18258E-03	204.3

MAX= 0.58246E 00 MIN= 0.53175E 00 PEAK TO PEAK/2= 0.25354E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

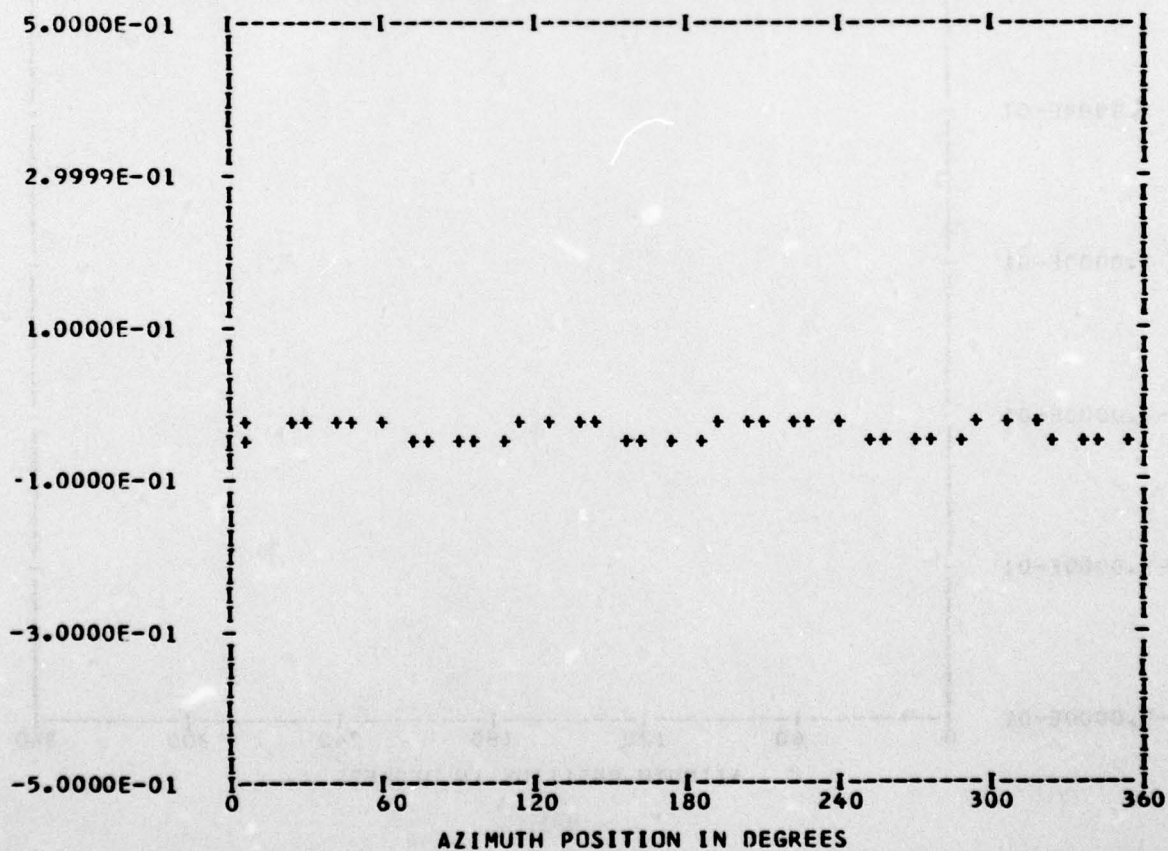
*** PS023.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.36263E-01	1	-0.71407E-03	0.72788E-03	0.10196E-02	315.5
	2	0.15970E-02	0.19172E-02	0.24952E-02	39.7
	3	0.68393E-03	-0.35981E-03	0.77280E-03	117.7
	4	-0.35051E-02	0.80564E-02	0.87859E-02	336.4
	5	-0.18250E-03	-0.81354E-03	0.83376E-03	192.6
	6	-0.29189E-03	-0.29926E-04	0.29342E-03	264.1
	7	-0.21640E-03	-0.62269E-03	0.65922E-03	199.1
	8	-0.33861E-03	-0.21979E-02	0.22238E-02	188.7
	9	0.92585E-04	-0.46398E-03	0.47313E-03	168.7
	10	-0.48493E-04	-0.43089E-03	0.43361E-03	186.4

MAX=-0.21917E-01 MIN=-0.46190E-01 PEAK TO PEAK/2= 0.12136E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

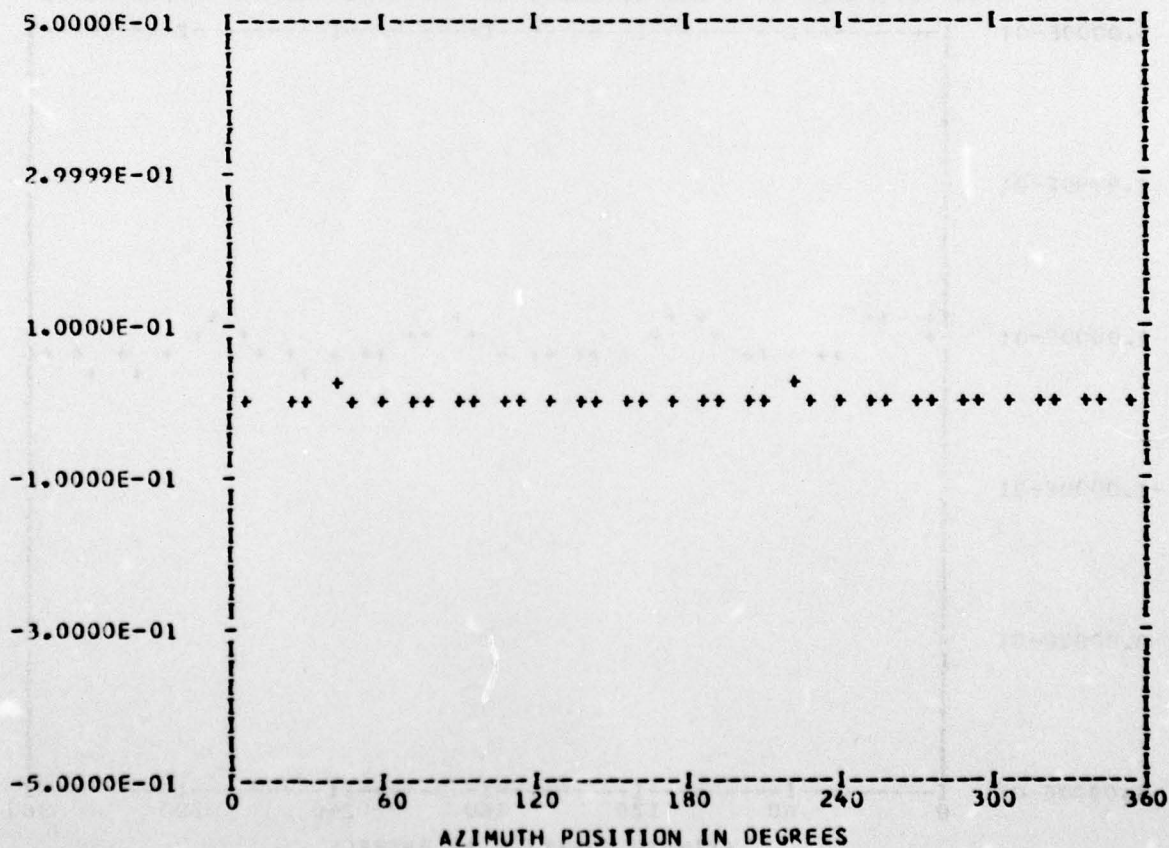
*** PS023.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 59

STFADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.12852E-02	1	0.19853E-03	0.14980E-03	0.24871E-03	52.9
	2	0.10859E-02	0.15552E-02	0.18968E-02	34.9
	3	0.22905E-03	0.24321E-03	0.33409E-03	43.2
	4	-0.74020E-03	0.17510E-02	0.19010E-02	337.0
	5	0.72719E-04	0.17357E-03	0.18818E-03	22.7
	6	-0.20146E-02	-0.13547E-03	0.20192E-02	266.1
	7	-0.71735E-04	-0.16958E-03	0.18413E-03	202.9
	8	-0.50768E-03	-0.16406E-02	0.17173E-02	197.1
	9	0.84308E-04	-0.18341E-04	0.86280E-04	102.2
	10	0.90228E-03	-0.12801E-02	0.15661E-02	144.8

MAX= 0.18277E-01 MIN=-0.84728E-03 PEAK TO PEAK/2= 0.95621E-02



UTTS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

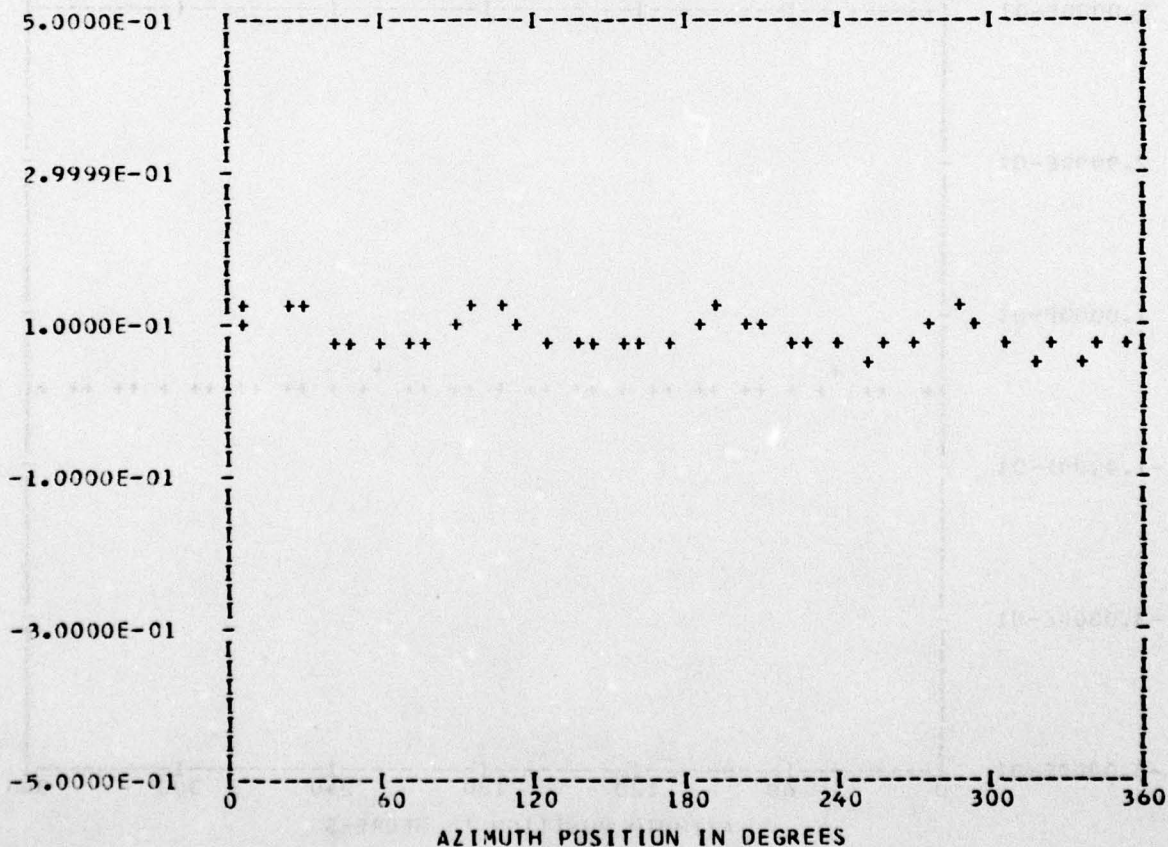
*** PS023.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 22
 TP 1
 CHAN 62

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.86955E-01	1	0.32679E-02	0.77002E-02	0.83649E-02	22.9
	2	0.23052E-02	0.36820E-02	0.43441E-02	32.0
	3	0.19269E-02	-0.11171E-02	0.22273E-02	120.1
	4	0.25587E-01	0.96224E-02	0.27336E-01	69.3
	5	0.14631E-02	-0.11009E-02	0.18310E-02	126.9
	6	-0.11828E-02	0.21413E-02	0.24463E-02	331.0
	7	-0.50360E-03	0.42481E-03	0.65884E-03	310.1
	8	-0.70510E-02	0.37704E-02	0.79958E-02	61.8
	9	-0.12420E-02	0.97097E-04	0.12457E-02	274.4
	10	-0.12899E-02	-0.12330E-02	0.17844E-02	226.2

MAX= 0.12832E 00 MIN= 0.55913E-01 PEAK TO PEAK/2= 0.36205E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

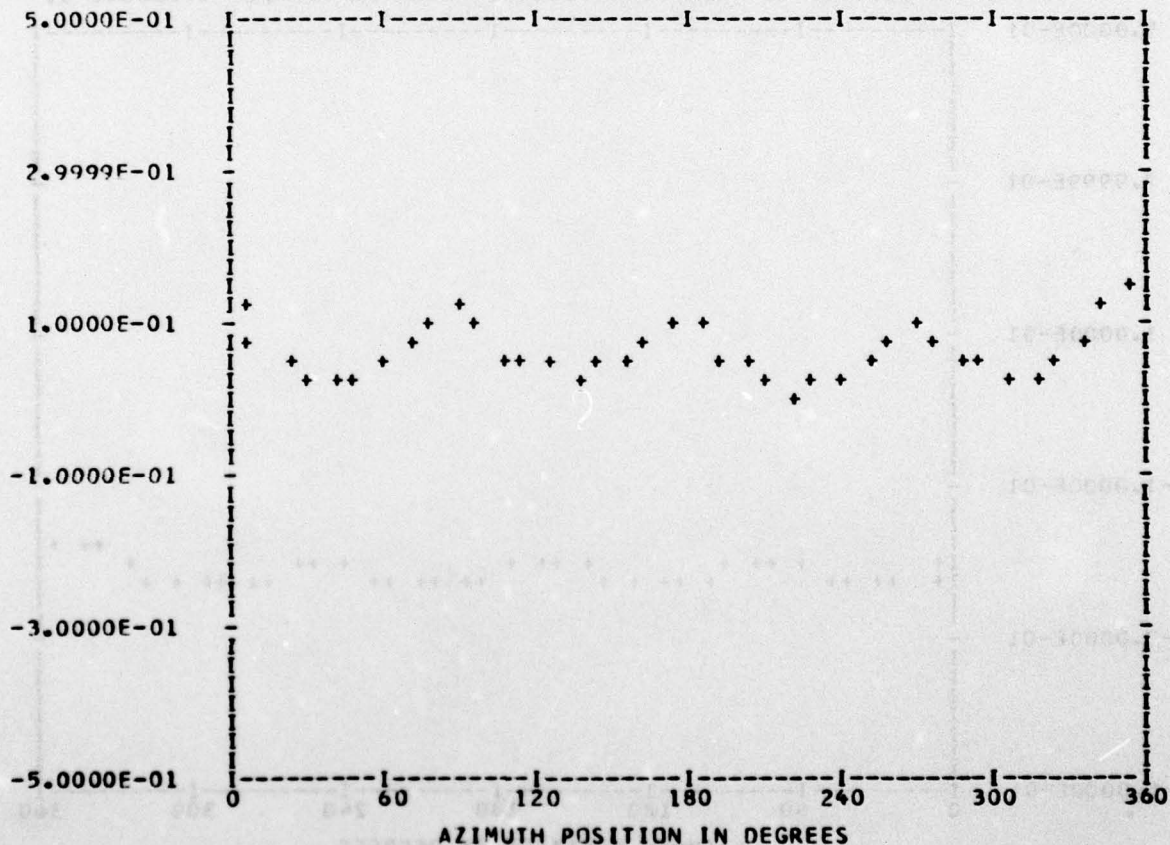
*** PS023.4 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEGE 0

RUN 22
 TP 1
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.61565E-01	1	0.11765E-01	0.66673E-02	0.13523E-01	60.4
	2	0.35944E-02	-0.70128E-02	0.78804E-02	152.8
	3	0.37415E-02	-0.48955E-02	0.61616E-02	142.6
	4	0.32764E-01	-0.23373E-01	0.40247E-01	125.5
	5	0.15478E-02	-0.43610E-02	0.46275E-02	160.4
	6	0.34395E-02	-0.58159E-03	0.34883E-02	99.5
	7	-0.16464E-02	-0.15750E-02	0.22784E-02	226.2
	8	-0.21137E-03	-0.87443E-02	0.87469E-02	181.3
	9	-0.13521E-03	0.93060E-04	0.16414E-03	304.5
	10	-0.43164E-03	0.36275E-02	0.36531E-02	353.2

MAX= 0.13885E 00 MIN= 0.11345E-01 PEAK TO PEAK/2= 0.63756E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

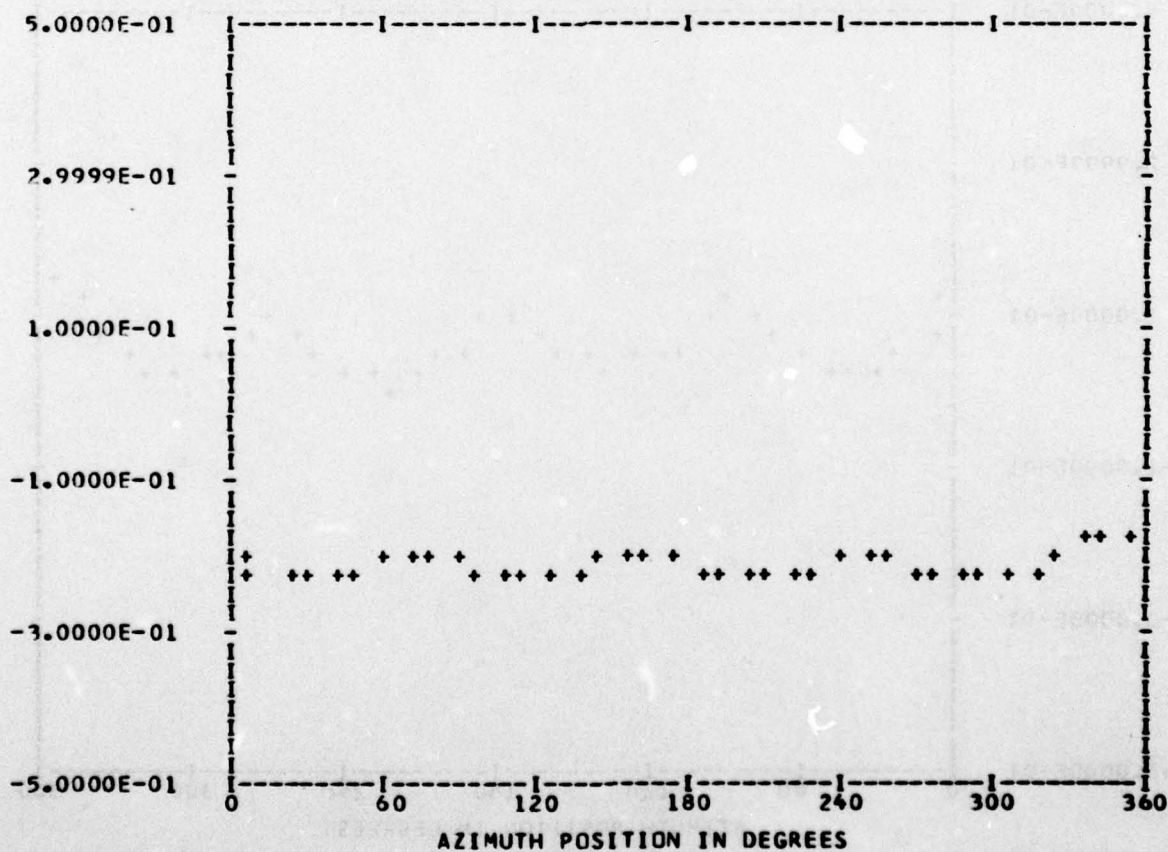
*** PS023.5 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 1
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21020E 00	1	0.60438E-02	-0.73937E-03	0.60888E-02	96.9
	2	0.19276E-02	-0.38046E-02	0.42651E-02	153.1
	3	-0.12671E-02	-0.29757E-02	0.32342E-02	203.0
	4	-0.15122E-02	-0.16095E-01	0.16166E-01	185.3
	5	0.44560E-03	-0.29549E-02	0.29883E-02	171.4
	6	0.41884E-03	0.11495E-02	0.12234E-02	20.0
	7	-0.15167E-02	-0.73959E-03	0.16874E-02	244.0
	8	-0.31984E-02	0.69050E-03	0.32721E-02	282.1
	9	-0.37828E-03	0.84897E-03	0.92943E-03	335.9
	10	0.29454E-03	-0.15457E-03	0.33264E-03	117.6

MAX=-0.17773E 00 MIN=-0.22780E 00 PEAK TC PEAK/2= 0.25034E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---FWD SECTION

*** PS026.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 RANDEGE 0

RUN 22
 TP 1
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.16789E 00	1	-0.25104E-02	0.28980E-02	0.38341E-02	319.0
	2	-0.29163E-03	0.28812E-02	0.28960E-02	354.2
	3	0.33049E-03	0.49927E-03	0.59875E-03	33.5
	4	0.19683E-02	-0.39609E-02	0.44230E-02	153.5
	5	-0.18511E-03	-0.17474E-02	0.17572E-02	186.0
	6	0.28692E-02	0.51669E-03	0.29153E-02	79.7
	7	-0.26005E-03	-0.30074E-02	0.30186E-02	184.9
	8	0.56614E-03	-0.32138E-02	0.32632E-02	170.0
	9	0.68005E-03	0.16838E-02	0.18159E-02	21.9
	10	-0.15259E-03	-0.58577E-03	0.60531E-03	194.6

MAX= 0.18601E 00 MIN= 0.15169E 00 PEAK TO PFAK/2= 0.17159E-01

