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**PRESSURE MEASUREMENTS ON AN F/A-18
TWIN VERTICAL TAIL IN BUFFETING FLOW**

**VOLUME 2 - STEADY AND UNSTEADY RMS PRESSURE
DATA**



1

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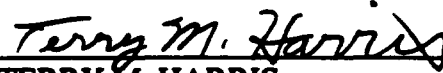


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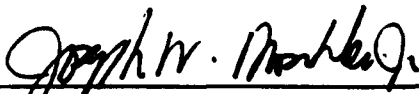


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Foreword

This report was prepared by the Structural Dynamics Branch, Structures Division, Flight Dynamics Directorate, Wright Laboratory, Wright Patterson Air Force Base, Ohio. The wind tunnel test program described in this report was conducted during a joint NASA, Navy, and Air Force F/A-18 test program conducted at the NASA Ames Research Center. The wind tunnel data taken by Wright Laboratory engineers during the F/A-18 wind tunnel test was acquired in support of Project 2401, "Structural Mechanics", Task 240104, "Vibration Prediction and Control, Measurement, and Analysis" and Work Unit 24010446, F-18 Twin Vertical Tail Buffet. The project engineers for this effort were Mr. Ed Pendleton and Mr. Chris Pettit. Mr. Dansen Brown, a mathematician, provided engineering analysis support for reduction of the test data. Mr. Mike Banford was the lead technician responsible for instrumentation and data collection.

The authors wish to thank the NASA Ames F/A-18 Wind Tunnel Test Team for their cooperation during testing of the F/A-18, especially Mr. Gavin Botha, Ms. Wendy Lanser, Mr. Kevin James, Mr. Roger Stewart, and Mr. Roy Arakaki. The authors also wish to thank Dr. Holt Ashley of RANN Corporation, Dr. Marty Ferman formerly of McDonnell Douglas Corporation, and Dr. James Olsen for their technical advice and suggestions during the preparation of this report. The authors further thank Mr. Larry Dukate for his assistance in reducing test data, and Mr. Scott Harris and Mr. Dick Talmadge for their technical assistance during the instrumentation phase of the test program.

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Section I

Introduction

Contemporary twin-tail fighter aircraft may encounter high frequency empennage vibrations caused by flow emanating from the forebody or wings during high angle-of-attack maneuvering. This turbulent flow occurs when the air flow on the forebody or upper wing surfaces becomes detached at high angles of attack. Air flow in the detached region becomes turbulent, giving rise to fluctuating pressures on the wing and induced oscillating pressures on surfaces which are in the flow path.

The induced unsteady pressures, commonly referred to as buffet, are broad-band random fluctuations having predominant frequencies associated with the primary air flow characteristics of the aircraft. These primary airflow properties may include, but are not limited to, vortex flow from engine inlets, sharp corners, and highly swept lifting surfaces. The turbulent air flow excites the tail surfaces embedded in the flow and large oscillatory structural responses result at the resonant frequencies of the tail. After prolonged exposure to this flow environment, the tail structure can begin to fatigue and repairs must be initiated. The maintenance costs and aircraft down time associated with these repairs are often quite high. To reduce these costs, the tail structure and associated equipment must be designed to both minimize and tolerate these oscillatory responses.

One twin-tail fighter aircraft that often encounters tail buffet when conducting air combat maneuvers at high angles-of-attack is the F/A-18. In an effort to quantify the F/A-18 tail buffet loads and to provide data for use in the development of potential solutions to counter the twin tail buffet problem, wind tunnel tests were conducted to measure the aerodynamic pressures on the twin tails of an F/A-18. Buffet pressures and the resulting structural vibrations of the vertical fins were obtained over a range of angle of attack and sideslip conditions.

Volume III of this technical report presents the Power Spectral Densities (PSD) from the measured aerodynamic pressures and accelerations obtained from the F/A-18's starboard vertical

tail during wind tunnel testing. Volume I of this report presents a general description of the full scale aircraft model and the test program. Volume II presents results from both steady and unsteady pressures, obtained during high buffet flow conditions. Volume IV of this report presents the unsteady pressures reduced to Cross Spectral Density (CSD) form.

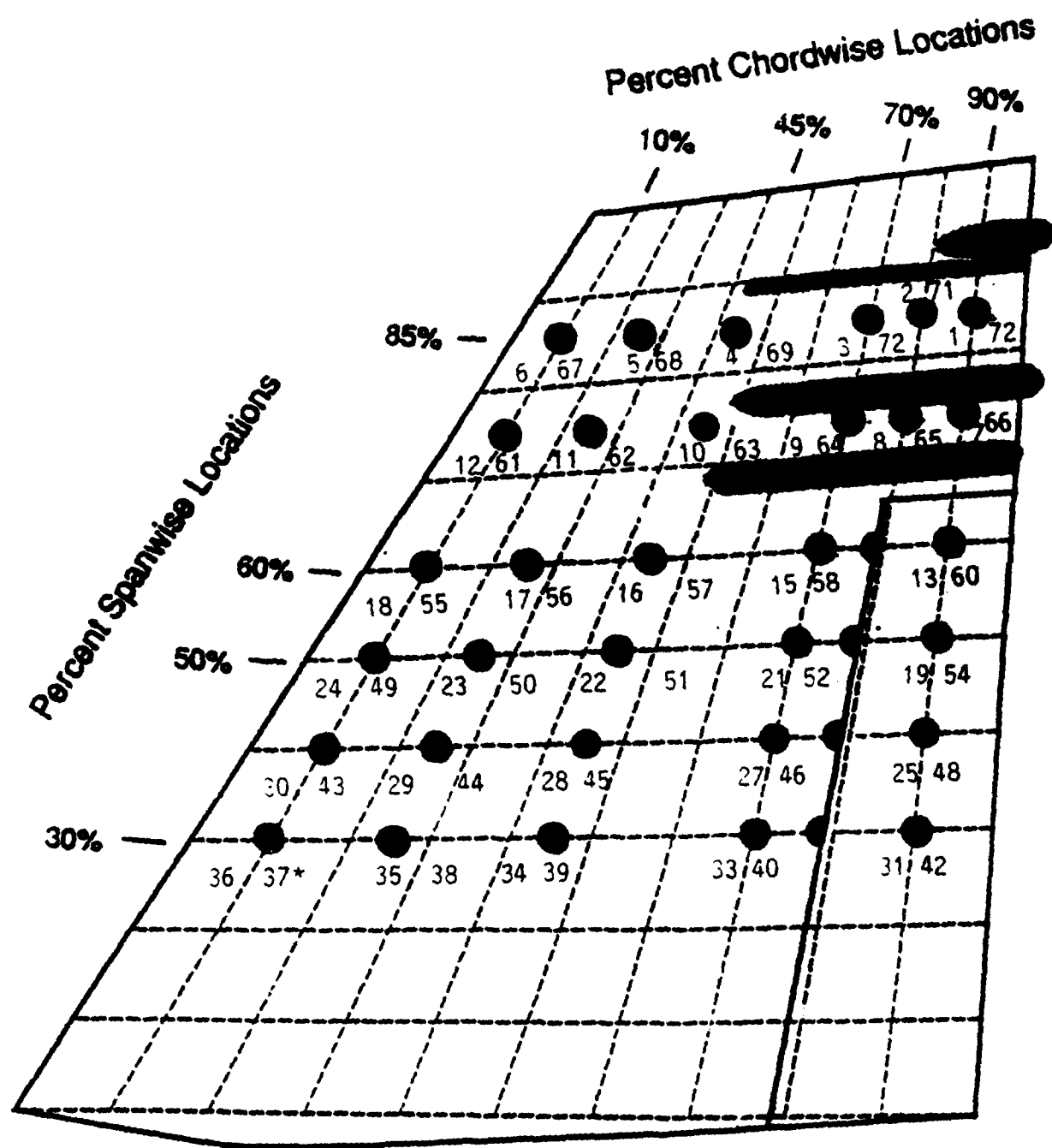
Steady and Root-Mean Square Pressure Coefficients

The wind tunnel buffet tests were conducted during a ten day period in August 1993 at the NASA Ames NAFC 80 by 120 foot tunnel in Mountain View, California. Unsteady pressure measurements, as well as acceleration data, were obtained for sixty-three (63) test conditions. Four of the test conditions were at a dynamic pressure of 20 lb/ft^2 , and fifty nine of the conditions were at the maximum tunnel dynamic pressure of 33 lb/ft^2 . During the tests, pressure measurements were collected as the static angle-of-attack was varied through a range from 20 to 40 degrees at zero sideslip. Measurements were also obtained as the static aircraft sideslip angle was varied from -16 to 16 *deg* at angles-of-attack of both 30 and 35 *deg*. Measurements were taken both with and without the LEX fence deployed.

Figure 1 shows the Kulite microphone pressure transducer locations along the F/A-18's twin vertical starboard tail. The station number for each pair of inside and outside transducers is equivalent to the number for each outboard transducer. Accelerometers were located on both starboard and port tails at the tails' tips close to the leading and trailing edges.

At each test condition, steady and unsteady pressure data were each recorded for 30 seconds with the data acquisition system's multiplexers operating in the direct current (DC) and alternating current (AC) modes, respectively. Seventy two channels of pressure data and four channels of acceleration data were recorded.

Pressure differential time histories were computed for each pressure transducer pair at each location by subtracting the outer time history from the inner time history. These data were converted to the frequency domain using Fast Fourier Transform techniques. A transform size of 2048 resulted in frequency resolution of approximately $\Delta f = 0.8 \text{ Hz}$. A Hanning window was applied to reduce the bandwidth leakage, and an average of 22 transforms with a 50% overlap was used to increase statistical confidence. Power Spectral Densities (PSDs) were then computed from the Fourier transforms, and the results were plotted from 2 to 120 *Hz*. The total record time of $T = 15 \text{ sec}$ was determined to be sufficiently long with a sampling interval of $\Delta t = 611.77 \text{ } \mu\text{sec}$. The resulting PSDs may be found in Volume III of this report. Root-mean-square (RMS)



- — Pressure Transducer Locations, both sides of tail fin
- — Surface Obstructions

*36/37 — Outboard Transducer — Inboard Transducer

Figure 1: Pressure Transducer Station Location

pressure coefficient differentials were computed from the PSDs of the pressure coefficient differentials by numerical integration.

Following the wind tunnel test, a post-test inspection of the instrumentation was conducted to evaluate the condition of each pressure transducer. The inspection revealed that the wire from transducer #26 had severed. All remaining transducers appeared functional, but some were slightly fouled with residue from test fogging mixture.

Reduction of the raw signals from data also revealed clues about transducer condition. Steady and unsteady data plots reduction confirmed that transducer #26 had been inoperative during the entire wind tunnel test. These pressure plots also indicated that transducer #22 had been functional for only a portion of the test and was inoperative for data records 66-79.

Steady pressure differences across the fin determined using transducer pairs #20 and #53 and #29 and #44 appeared to be inconsistent with the steady data from the other stations' transducers. Unsteady RMS pressure differences across the fin determined using transducer pairs #29 and #44 also appeared to be inconsistent with the unsteady RMS data from the other stations' transducers. Further inspection of the raw signals from these transducer pairs indicated that the signals from transducers #20, #53 and #44 were inconsistent with the signals from the other transducers.

Overall, the conclusion from evidence gathered during the post test inspections and steady and unsteady data reduction is that transducers #26 was nonfunctional for all records, transducers #20, #44 and #53 were functioning improperly for all records and #22 was nonfunctional for data records 66-79.

Steady Inside, Outside, and Differential Pressures (*psi*)

Steady pressures in terms of *psi* are listed for every transducer station from each test condition. Pressures from each test condition are divided into three sections: Inside, Outside, and Difference. The relevant dynamic pressure, angle-of-attack, angle-of-sideslip, and use of the LEX fence are listed above the pressure tables for each test condition.

Record 9: DC Q=33 Alpha=20 Beta=0 FENCE OFF

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.52653	-0.453	-0.387	-0.33536	-0.33783	-0.3275
Row 5	-0.5045	-0.43767	-0.3751	-0.34	-0.377	-0.3049
Row 4	-0.4127	-0.4006	-0.38598	-0.34614	-0.3488	-0.3535
Row 3	-0.3459	-0.3852	-0.35996	-0.3577	-0.34122	-0.32658
Row 2	-0.2906	-0.34655	-0.3667	-0.3525	-0.3318	-0.3212
Row 1 - Root	-0.2599	-0.3437	-0.3548	-0.3389	-0.32996	-0.31981

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.30046	-0.341	-0.383	-0.3658	-0.3493	-0.32141
Row 5	-0.36092	-0.3845	-0.3628	-0.3571	-0.3366	-0.3344
Row 4	-0.3985	-0.398	-0.3883	-0.3702	-0.3572	-0.353
Row 3	-0.43014	-0.4065	-0.4028	-0.35085	-0.35762	-0.3288
Row 2	-0.46283	-0.40275	-0.3782	-0.3706	-0.39363	-0.3477
Row 1 - Root	-0.4685	-0.416	-0.4042	-0.3881	-0.3619	-0.3574

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.22607	-0.112	-0.004	0.03044	0.01147	-0.00609
Row 5	-0.14358	-0.05317	-0.0123	0.0171	-0.0404	0.0295
Row 4	-0.0142	-0.0026	0.00232	0.02406	0.0084	-0.0005
Row 3	0.08424	0.0213	0.04284	-0.00685	0.0164	0.00222
Row 2	0.17223	0.0562	0.0115	0.0181	0.06183	0.0265
Row 1 - Root	0.2086	0.0723	0.0494	0.0492	0.03194	0.03759

Record 11: DC Q=33 Alpha=24 Beta=0 FENCE OFF

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.37443	-0.3753	-0.3621	-0.36676	-0.34063	-0.3259
Row 5	-0.3696	-0.36377	-0.3608	-0.3337	-0.3203	-0.3148
Row 4	-0.3902	-0.3728	-0.37198	-0.33724	-0.3426	-0.3512
Row 3	-0.3358	-0.3525	-0.33296	-0.3636	-0.33757	-0.31968
Row 2	-0.2864	-0.32538	-0.3373	-0.3335	-0.3244	-0.31808
Row 1 - Root	-0.2705	-0.3253	-0.3376	-0.3258	-0.32076	-0.31861

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.39506	-0.351	-0.3773	-0.365	-0.3356	-0.32451
Row 5	-0.41262	-0.3881	-0.3573	-0.3548	-0.3291	-0.3382
Row 4	-0.4286	-0.3961	-0.38	-0.337	-0.3489	-0.3521
Row 3	-0.42674	-0.4111	-0.3986	-0.34695	-0.36103	-0.3397
Row 2	-0.42853	-0.43715	-0.4035	-0.3828	-0.40858	-0.3604
Row 1 - Root	-0.4365	-0.4177	-0.4262	-0.4023	-0.3698	-0.3714

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	0.02063	-0.0243	0.0152	-0.00176	-0.00503	-0.00139
Row 5	0.04302	0.02433	-0.0035	0.0211	0.0088	0.0234
Row 4	0.0384	0.0233	0.00802	-0.00024	0.0063	0.0009
Row 3	0.09094	0.0586	0.06564	-0.01665	0.02346	0.02002
Row 2	0.14213	0.11177	0.0662	0.0493	0.08418	0.04232
Row 1 - Root	0.166	0.0924	0.0886	0.0765	0.04904	0.05279

Record 12: DC Q=33 Alpha=26 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.36613	-0.3552	-0.3537	-0.36606	-0.34053	-0.3293
Row 5	-0.3617	-0.34837	-0.3431	-0.3323	-0.3246	-0.3224
Row 4	-0.3711	-0.3561	-0.35778	-0.33364	-0.343	-0.3545
Row 3	-0.3287	-0.3422	-0.33486	-0.3619	-0.3387	-0.32918
Row 2	-0.2797	-0.31662	-0.3301	-0.3305	-0.3257	-0.32031
Row 1 - Root	-0.2677	-0.3145	-0.3293	-0.3202	-0.31446	-0.32021

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.41516	-0.3908	-0.3909	-0.3792	-0.3452	-0.33541
Row 5	-0.42602	-0.3974	-0.3708	-0.3714	-0.3551	-0.3478
Row 4	-0.426	-0.3975	-0.3913	-0.3829	-0.371	-0.3772
Row 3	-0.43434	-0.4095	-0.4045	-0.37065	-0.38039	-0.3562
Row 2	-0.44153	-0.42805	-0.3979	-0.3991	-0.42373	-0.3737
Row 1 - Root	-0.4471	-0.42	-0.4219	-0.4054	-0.378	-0.3794

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.04903	0.0356	0.0372	0.01314	0.00467	0.00611
Row 5	0.06432	0.02903	0.0177	0.0389	0.0305	0.0254
Row 4	0.0549	0.0414	0.03352	0.04926	0.028	0.0227
Row 3	0.10564	0.0673	0.06964	0.00875	0.0417	0.03202
Row 2	0.16183	0.11142	0.0678	0.0686	0.09803	0.05339
Row 1 - Root	0.1794	0.1055	0.0926	0.0852	0.06154	0.06299

Record 15: DC Q=33 Alpha=28 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.36573	-0.3712	-0.3736	-0.38236	-0.33923	-0.3336
Row 5	-0.3647	-0.36137	-0.361	-0.3356	-0.3677	-0.3198
Row 4	-0.388	-0.3653	-0.36288	-0.33584	-0.345	-0.3574
Row 3	-0.3409	-0.3485	-0.32736	-0.3611	-0.3392	-0.32288
Row 2	-0.2973	-0.32525	-0.3344	-0.3305	-0.3278	-0.3225
Row 1 - Root	-0.2807	-0.3208	-0.3343	-0.3233	-0.32006	-0.32211

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.43276	-0.3806	-0.398	-0.3795	-0.3411	-0.33551
Row 5	-0.44062	-0.4168	-0.3543	-0.3741	-0.3414	-0.3504
Row 4	-0.4245	-0.4155	-0.4061	-0.3952	-0.3791	-0.3848
Row 3	-0.42314	-0.4193	-0.4185	-0.37615	-0.38771	-0.3649
Row 2	-0.43933	-0.41095	-0.4052	-0.4045	-0.43068	-0.3814
Row 1 - Root	-0.458	-0.4244	-0.4354	-0.4101	-0.3817	-0.4284

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.06703	0.0094	0.0244	-0.00286	0.00187	0.00191
Row 5	0.07592	0.05543	-0.0067	0.0385	-0.0263	0.0306
Row 4	0.0365	0.0502	0.04322	0.05936	0.0341	0.0274
Row 3	0.08224	0.0708	0.09114	0.01505	0.04851	0.04202
Row 2	0.14203	0.0857	0.0708	0.074	0.10288	0.0589
Row 1 - Root	0.1773	0.1036	0.1011	0.0868	0.06164	0.10629

Record 17: DC Q=33 Alpha=30 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.35503	-0.3603	-0.3543	-0.35886	-0.33793	-0.3267
Row 5	-0.3529	-0.34637	-0.3499	-0.3381	-0.3259	-0.3189
Row 4	-0.3749	-0.3556	-0.35758	-0.33674	-0.3472	-0.3583
Row 3	-0.3344	-0.3411	-0.32704	-0.3423	-0.34192	-0.3408
Row 2	-0.2871	-0.32075	-0.3344	-0.3335	-0.331	-0.3259
Row 1 - Root	-0.2736	-0.3204	-0.3334	-0.3249	-0.32264	-0.32001

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.42916	-0.3839	-0.4031	-0.3827	-0.3413	-0.32931
Row 5	-0.44042	-0.4198	-0.3747	-0.3758	-0.3383	-0.3433
Row 4	-0.4411	-0.4278	-0.4165	-0.3971	-0.3748	-0.3809
Row 3	-0.44644	-0.4402	-0.4363	-0.37845	-0.38875	-0.3632
Row 2	-0.47063	-0.43045	-0.4216	-0.4232	-0.43855	-0.3816
Row 1 - Root	-0.486	-0.4416	-0.4509	-0.4323	-0.3952	-0.3884

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.07413	0.0236	0.0488	0.02384	0.00337	0.00261
Row 5	0.08752	0.07343	0.0248	0.0457	0.013	0.0341
Row 4	0.0662	0.0722	0.05892	0.06036	0.0276	0.0226
Row 3	0.11184	0.0991	0.10924	0.01595	0.04683	0.03622
Row 2	0.18353	0.1097	0.0872	0.0897	0.10755	0.0557
Row 1 - Root	0.2104	0.1212	0.1175	0.1074	0.07254	0.06439

Record 19: DC Q=33 Alpha=32 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.38703	-0.3822	-0.3755	-0.36966	-0.34683	-0.3477
Row 5	-0.3704	-0.37617	-0.3599	-0.3357	-0.3285	-0.3279
Row 4	-0.4036	-0.3684	-0.36678	-0.33934	-0.3504	-0.3594
Row 3	-0.3555	-0.3617	-0.34706	-0.3672	-0.34402	-0.32628
Row 2	-0.3152	-0.34188	-0.3474	-0.3345	-0.3322	-0.3261
Row 1 - Root	-0.3089	-0.3432	-0.3489	-0.33	-0.32526	-0.32471

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.41966	-0.3854	-0.4087	-0.3877	-0.3424	-0.33641
Row 5	-0.43542	-0.4178	-0.3744	-0.3822	-0.3446	-0.3478
Row 4	-0.4427	-0.423	-0.4154	-0.4033	-0.3826	-0.3879
Row 3	-0.45524	-0.4381	-0.4288	-0.39145	-0.39591	-0.3713
Row 2	-0.46253	-0.43245	-0.4281	-0.4169	-0.43828	-0.3832
Row 1 - Root	-0.4733	-0.4315	-0.4515	-0.4283	-0.3884	-0.3824

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.03263	0.0032	0.0332	0.01804	-0.00443	-0.01129
Row 5	0.06502	0.04163	0.0145	0.0465	0.0161	0.0199
Row 4	0.0391	0.0546	0.04862	0.06396	0.0322	0.0285
Row 3	0.09974	0.0764	0.08174	0.02425	0.05189	0.04502
Row 2	0.14733	0.09057	0.0807	0.0824	0.10608	0.0571
Row 1 - Root	0.1644	0.0883	0.1026	0.0983	0.06314	0.05769

Record 23: DC Q-33 Alpha=36 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.37003	-0.3676	-0.3619	-0.37816	-0.34723	-0.3411
Row 5	-0.3545	-0.35677	-0.348	-0.3357	-0.3792	-0.3391
Row 4	-0.3715	-0.3513	-0.35868	-0.34374	-0.3591	-0.3697
Row 3	-0.3421	-0.3431	-0.33224	-0.3684	-0.33352	-0.33028
Row 2	-0.3093	-0.33167	-0.3348	-0.3375	-0.336	-0.3366
Row 1 - Root	-0.3181	-0.3395	-0.3435	-0.3281	-0.32508	-0.33581

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.42526	-0.4274	-0.4305	-0.4125	-0.3696	-0.38921
Row 5	-0.43462	-0.4305	-0.3883	-0.4052	-0.3814	-0.373
Row 4	-0.4287	-0.4241	-0.4314	-0.4262	-0.4045	-0.4101
Row 3	-0.44564	-0.4291	-0.4419	-0.41265	-0.41527	-0.3924
Row 2	-0.44453	-0.43605	-0.4208	-0.4309	-0.45153	-0.394
Row 1 - Root	-0.454	-0.4223	-0.4465	-0.441	-0.3963	-0.3894

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.05523	0.0598	0.0686	0.03434	0.02237	0.04811
Row 5	0.08012	0.07373	0.0403	0.0695	0.0022	0.0339
Row 4	0.0572	0.0728	0.07272	0.08246	0.0454	0.0404
Row 3	0.10354	0.086	0.10664	0.04425	0.06175	0.04182
Row 2	0.13523	0.10438	0.086	0.0934	0.11553	0.0574
Row 1 - Root	0.1359	0.0828	0.1032	0.1129	0.07124	0.03179

Record 26: DC Q-33 Alpha=40 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.37063	-0.3776	-0.3728	-0.38326	-0.36623	-0.3636
Row 5	-0.3737	-0.37287	-0.3623	-0.3462	-0.3479	-0.3484
Row 4	-0.4013	-0.3696	-0.36918	-0.35104	-0.3666	-0.3768
Row 3	-0.371	-0.3635	-0.35116	-0.3759	-0.35907	-0.34538
Row 2	-0.3391	-0.35623	-0.3492	-0.3465	-0.3484	-0.3467
Row 1 - Root	-0.3677	-0.3731	-0.3552	-0.3394	-0.33596	-0.36691

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.45326	-0.4242	-0.4536	-0.4449	-0.419	-0.40981
Row 5	-0.45412	-0.4446	-0.4041	-0.4331	-0.4075	-0.3911
Row 4	-0.4378	-0.4276	-0.4342	-0.4499	-0.4279	-0.4335
Row 3	-0.43804	-0.4392	-0.4421	-0.42795	-0.4343	-0.4135
Row 2	-0.45043	-0.44765	-0.4263	-0.4463	-0.46785	-0.4169
Row 1 - Root	-0.4529	-0.4314	-0.4556	-0.4407	-0.4058	-0.4114

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.08263	0.0466	0.0808	0.06164	0.05277	0.04621
Row 5	0.08042	0.07173	0.0418	0.0869	0.0596	0.0427
Row 4	0.0365	0.058	0.06502	0.09886	0.0613	0.0567
Row 3	0.06704	0.0757	0.09094	0.05205	0.07523	0.06812
Row 2	0.11133	0.09142	0.0771	0.0998	0.11945	0.0702
Row 1 - Root	0.0852	0.0583	0.1004	0.1013	0.06984	0.04449

Record 27: DC Q-20 Alpha=28 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.23963	-0.2286	-0.2206	-0.24386	-0.20533	-0.20623
Row 5	-0.23187	-0.22367	-0.2166	-0.1986	-0.1977	-0.1983
Row 4	-0.239	-0.21956	-0.20938	-0.19794	-0.20351	-0.2159
Row 3	-0.2059	-0.2074	-0.19766	-0.2171	-0.2000	-0.1980
Row 2	-0.1694	-0.18963	-0.193	-0.1835	-0.1861	-0.18698
Row 1 - Root	-0.1478	-0.18872	-0.1993	-0.18507	-0.18306	-0.18093

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.23326	-0.253	-0.2485	-0.2354	-0.18715	-0.21231
Row 5	-0.26572	-0.2501	-0.1972	-0.2298	-0.1957	-0.2039
Row 4	-0.2584	-0.251	-0.2475	-0.2416	-0.2239	-0.2288
Row 3	-0.27904	-0.2667	-0.2639	-0.22685	-0.23504	-0.2175
Row 2	-0.27533	-0.27605	-0.2557	-0.2474	-0.2719	-0.2227
Row 1 - Root	-0.2721	-0.2541	-0.2779	-0.2467	-0.2246	-0.2264

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.00637	0.0244	0.0279	-0.00846	-0.01818	0.00608
Row 5	0.04385	0.02623	-0.0194	0.0312	-0.002	0.0094
Row 4	0.0194	0.03144	0.03812	0.04366	0.02039	0.0129
Row 3	0.07314	0.0593	0.06624	0.00975	0.03499	0.02402
Row 2	0.10593	0.08642	0.0627	0.0639	0.0858	0.03572
Row 1 - Root	0.1243	0.06538	0.0784	0.06163	0.04074	0.01169

Record 30: DC Q-20 Alpha=26 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.21323	-0.22804	-0.2086	-0.23115	-0.19563	-0.19239
Row 5	-0.21108	-0.21067	-0.2211	-0.2005	-0.1999	-0.1932
Row 4	-0.2274	-0.21528	-0.20818	-0.19974	-0.20546	-0.2153
Row 3	-0.1965	-0.1913	-0.19016	-0.2004	-0.19233	-0.18078
Row 2	-0.1657	-0.18403	-0.1935	-0.1845	-0.1827	-0.18734
Row 1 - Root	-0.1452	-0.18561	-0.1984	-0.18494	-0.18696	-0.18931

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.22846	-0.2207	-0.214	-0.2065	-0.18728	-0.19141
Row 5	-0.24912	-0.2205	-0.1778	-0.2081	-0.195	-0.1942
Row 4	-0.2451	-0.2258	-0.2231	-0.2174	-0.2084	-0.1979
Row 3	-0.25754	-0.2457	-0.2509	-0.21715	-0.22461	-0.203
Row 2	-0.25983	-0.24165	-0.2295	-0.2485	-0.2699	-0.2116
Row 1 - Root	-0.2578	-0.2414	-0.2669	-0.2441	-0.2268	-0.2249

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.01523	-0.00734	0.0054	-0.02626	-0.00835	-0.00098
Row 5	0.03804	0.00983	-0.0433	0.0076	-0.0049	0.001
Row 4	0.0177	0.01052	0.01492	0.01766	0.00294	-0.0174
Row 3	0.06104	0.0544	0.06074	0.01675	0.03228	0.02222
Row 2	0.09413	0.05762	0.036	0.064	0.0872	0.02426
Row 1 - Root	0.1126	0.05579	0.0685	0.05916	0.03984	0.03559

Record 37: DC Q=33 Alpha=30 Beta=+16 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.40253	-0.4001	-0.395	-0.38636	-0.39403	-0.393
Row 5	-0.3794	-0.39197	-0.4032	-0.3793	-0.3992	-0.3783
Row 4	-0.4206	-0.4002	-0.42338	-0.38674	-0.3856	-0.4001
Row 3	-0.3886	-0.4049	-0.40856	-0.4127	-0.38729	-0.37136
Row 2	-0.3613	-0.3953	-0.3981	-0.3725	-0.3797	-0.3705
Row 1 - Root	-0.4048	-0.4169	-0.4091	-0.3818	-0.39168	-0.3989

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.26036	-0.2998	-0.3409	-0.3512	-0.3275	-0.33711
Row 5	-0.28522	-0.2907	-0.2917	-0.3503	-0.3258	-0.3327
Row 4	-0.3326	-0.3085	-0.3136	-0.3412	-0.3753	-0.3542
Row 3	-0.37064	-0.3376	-0.3244	-0.31715	-0.35291	-0.3276
Row 2	-0.40283	-0.38545	-0.3239	-0.3267	-0.3916	-0.3334
Row 1 - Root	-0.3986	-0.3802	-0.356	-0.3217	-0.3119	-0.3254

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.14217	-0.1003	-0.0541	-0.03516	-0.06653	-0.05589
Row 5	-0.09418	-0.10127	-0.1115	-0.029	-0.0734	-0.0434
Row 4	-0.088	-0.0917	-0.10978	-0.04554	-0.0103	-0.0459
Row 3	-0.01796	-0.0673	-0.08416	-0.09555	-0.03438	-0.04358
Row 2	0.04153	-0.00985	-0.0742	-0.0458	0.0119	-0.0371
Row 1 - Root	-0.0062	-0.0367	-0.0531	-0.0601	-0.06916	-0.06941

Record 40: DC Q=33 Alpha=30 Beta=+10 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.38343	-0.3898	-0.387	-0.36966	-0.35613	-0.3551
Row 5	-0.3837	-0.37847	-0.3943	-0.3616	-0.3764	-0.3405
Row 4	-0.4245	-0.3998	-0.41448	-0.37324	-0.3734	-0.381
Row 3	-0.389	-0.398	-0.38046	-0.3741	-0.35962	-0.33828
Row 2	-0.3604	-0.3841	-0.379	-0.3525	-0.3527	-0.3419
Row 1 - Root	-0.4007	-0.399	-0.381	-0.3482	-0.34446	-0.33681

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.34576	-0.3624	-0.3664	-0.3535	-0.3191	-0.32671
Row 5	-0.38752	-0.3785	-0.3434	-0.3591	-0.3194	-0.3243
Row 4	-0.4066	-0.3953	-0.3713	-0.336	-0.341	-0.3461
Row 3	-0.42514	-0.4058	-0.3557	-0.32875	-0.35159	-0.324
Row 2	-0.42333	-0.41785	-0.3806	-0.3648	-0.4126	-0.3302
Row 1 - Root	-0.3964	-0.4048	-0.4244	-0.3805	-0.349	-0.3384

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.03767	-0.0274	-0.0206	-0.01616	-0.03703	-0.02839
Row 5	0.00382	0.00003	-0.0509	-0.0025	-0.057	-0.0162
Row 4	-0.0179	-0.0045	-0.04318	-0.03724	-0.0324	-0.0349
Row 3	0.03614	0.0078	0.00524	-0.04535	-0.00803	-0.01428
Row 2	0.06293	0.03375	0.0016	0.0123	0.0599	-0.0117
Row 1 - Root	-0.0043	0.0058	0.0434	0.0323	0.00454	0.00159

Record 41: DC Q=33 Alpha=30 Beta=+6 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.42963	-0.4241	-0.4017	-0.37276	-0.36183	-0.3496
Row 5	-0.4194	-0.41407	-0.4081	-0.3992	-0.3939	-0.3877
Row 4	-0.4479	-0.418	-0.42118	-0.36954	-0.3708	-0.3705
Row 3	-0.4034	-0.4083	-0.38956	-0.3911	-0.36334	-0.3928
Row 2	-0.3637	-0.38573	-0.3827	-0.3555	-0.3551	-0.3366
Row 1 - Root	-0.3811	-0.388	-0.3793	-0.3461	-0.35956	-0.3488

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.41266	-0.3939	-0.4005	-0.3761	-0.3364	-0.34061
Row 5	-0.41532	-0.4021	-0.3705	-0.3872	-0.3553	-0.3418
Row 4	-0.4166	-0.4123	-0.3989	-0.3827	-0.3714	-0.3604
Row 3	-0.42504	-0.427	-0.4095	-0.35685	-0.37886	-0.3477
Row 2	-0.42873	-0.42995	-0.4137	-0.389	-0.43947	-0.3576
Row 1 - Root	-0.4135	-0.4164	-0.4377	-0.3973	-0.365	-0.3594

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.01697	-0.0302	-0.0012	0.00334	-0.02543	-0.00899
Row 5	-0.00408	-0.01197	-0.0376	0.028	-0.0086	0.0047
Row 4	-0.0313	-0.0057	-0.02228	0.01316	0.0006	-0.0101
Row 3	0.02144	0.0185	0.01994	-0.03425	0.01651	0.01532
Row 2	0.06503	0.04422	0.031	0.0335	0.08438	0.021
Row 1 - Root	0.0324	0.0284	0.0582	0.0512	0.02544	-0.00141

Record 44: DC Q=33 Alpha=30 Beta=+4 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.39253	-0.3944	-0.3861	-0.36806	-0.35523	-0.3468
Row 5	-0.3855	-0.38727	-0.3849	-0.3515	-0.4132	-0.3444
Row 4	-0.4142	-0.3892	-0.39678	-0.36334	-0.3694	-0.3715
Row 3	-0.3726	-0.3775	-0.37116	-0.3834	-0.36365	-0.34628
Row 2	-0.3403	-0.36362	-0.3693	-0.3495	-0.3555	-0.3379
Row 1 - Root	-0.3503	-0.3674	-0.3706	-0.3444	-0.33906	-0.36201

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.40576	-0.3782	-0.4064	-0.3901	-0.3481	-0.35231
Row 5	-0.42642	-0.4234	-0.387	-0.3965	-0.3506	-0.3498
Row 4	-0.4409	-0.4354	-0.4181	-0.3924	-0.3818	-0.369
Row 3	-0.45264	-0.4502	-0.4365	-0.37695	-0.39313	-0.3557
Row 2	-0.46893	-0.47755	-0.4332	-0.4113	-0.45805	-0.3729
Row 1 - Root	-0.4538	-0.4418	-0.4581	-0.4324	-0.3964	-0.3854

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.01323	-0.0162	0.0203	0.02204	-0.00713	0.00551
Row 5	0.04092	0.03613	0.0021	0.045	-0.0626	0.0054
Row 4	0.0267	0.0462	0.02132	0.02906	0.0124	-0.0025
Row 3	0.08004	0.0727	0.06534	-0.00645	0.02948	0.00942
Row 2	0.12863	0.11393	0.0639	0.0618	0.10255	0.035
Row 1 - Root	0.1035	0.0744	0.0875	0.088	0.05734	0.02339

Record 45: DC Q=33 Alpha=30 Beta=+2 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.39873	-0.3831	-0.3718	-0.37196	-0.35373	-0.3456
Row 5	-0.3825	-0.37067	-0.3729	-0.3419	-0.3089	-0.304
Row 4	-0.4006	-0.3722	-0.38658	-0.35424	-0.36	-0.3606
Row 3	-0.3586	-0.3631	-0.36056	-0.3796	-0.35867	-0.34978
Row 2	-0.3201	-0.34782	-0.3589	-0.3445	-0.3543	-0.335
Row 1 - Root	-0.3186	-0.3472	-0.3608	-0.3418	-0.35816	-0.34831

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.42566	-0.424	-0.4304	-0.4017	-0.3567	-0.37491
Row 5	-0.42662	-0.4275	-0.405	-0.4135	-0.3608	-0.3545
Row 4	-0.4471	-0.4441	-0.4328	-0.4182	-0.4026	-0.3878
Row 3	-0.48164	-0.459	-0.4523	-0.39805	-0.41294	-0.3761
Row 2	-0.47843	-0.48165	-0.4457	-0.4325	-0.47502	-0.3917
Row 1 - Root	-0.4526	-0.4422	-0.4602	-0.4434	-0.4081	-0.4044

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.02693	0.0409	0.0586	0.02974	0.00297	0.02931
Row 5	0.04412	0.05683	0.0321	0.0716	-0.0454	0.0165
Row 4	0.0465	0.0719	0.04622	0.06396	0.0426	0.0272
Row 3	0.12304	0.0939	0.09174	0.01845	0.05427	0.03532
Row 2	0.15833	0.13383	0.0868	0.088	0.12073	0.0567
Row 1 - Root	0.134	0.095	0.0994	0.1016	0.06994	0.04089

Record 48: DC Q=33 Alpha=30 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.39213	-0.3708	-0.3693	-0.37726	-0.35773	-0.3474
Row 5	-0.3845	-0.38337	-0.3873	-0.3512	-0.4102	-0.3419
Row 4	-0.4288	-0.3969	-0.39968	-0.36464	-0.3665	-0.3683
Row 3	-0.3756	-0.3784	-0.36796	-0.382	-0.36232	-0.34518
Row 2	-0.3264	-0.35305	-0.3625	-0.3445	-0.3556	-0.3362
Row 1 - Root	-0.315	-0.3449	-0.3607	-0.3386	-0.33616	-0.36421

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.44736	-0.4206	-0.4251	-0.4047	-0.3597	-0.36081
Row 5	-0.43522	-0.4265	-0.3949	-0.4193	-0.3694	-0.3667
Row 4	-0.4371	-0.4297	-0.4231	-0.4154	-0.4046	-0.3913
Row 3	-0.46764	-0.443	-0.4299	-0.39335	-0.41339	-0.3816
Row 2	-0.46743	-0.45685	-0.4226	-0.4246	-0.47403	-0.4016
Row 1 - Root	-0.4592	-0.4231	-0.4504	-0.4365	-0.4072	-0.4454

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.05523	0.0498	0.0558	0.02744	0.00197	0.01341
Row 5	0.05072	0.04313	0.0076	0.0681	-0.0408	0.0248
Row 4	0.0083	0.0328	0.02342	0.05076	0.0381	0.023
Row 3	0.09204	0.0646	0.06194	0.01135	0.05107	0.03642
Row 2	0.14103	0.1038	0.0601	0.0801	0.11843	0.0654
Row 1 - Root	0.1442	0.0782	0.0897	0.0979	0.07104	0.08119

Record 49: DC Q=33 Alpha=30 Beta=-2 FENCE OFF

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.38393	-0.3748	-0.3661	-0.37386	-0.35673	-0.3454
Row 5	-0.3802	-0.37307	-0.370	-0.3583	-0.3413	-0.3299
Row 4	-0.4089	-0.3793	-0.38788	-0.36234	-0.3697	-0.3735
Row 3	-0.3493	-0.3381	-0.35414	-0.3779	-0.38379	-0.4009
Row 2	-0.295	-0.33585	-0.3543	-0.3455	-0.3582	-0.3394
Row 1 - Root	-0.2723	-0.336	-0.3616	-0.3428	-0.34116	-0.3203

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.44146	-0.4207	-0.4261	-0.4081	-0.3639	-0.38681
Row 5	-0.44362	-0.4275	-0.3929	-0.4191	-0.3877	-0.3732
Row 4	-0.4414	-0.4285	-0.4225	-0.4109	-0.4077	-0.4021
Row 3	-0.47104	-0.4366	-0.4335	-0.39715	-0.41543	-0.381
Row 2	-0.47773	-0.45835	-0.4262	-0.431	-0.47588	-0.4032
Row 1 - Root	-0.4613	-0.4285	-0.453	-0.4487	-0.4114	-0.4454

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.05753	0.0459	0.06	0.03424	0.00717	0.04141
Row 5	0.06342	0.05443	0.0149	0.0688	-0.0255	0.0264
Row 4	0.0325	0.0492	0.03462	0.04856	0.038	0.0286
Row 3	0.12154	0.0785	0.07934	0.01735	0.05164	0.03352
Row 2	0.18273	0.1225	0.0719	0.0855	0.11768	0.0638
Row 1 - Root	0.189	0.0925	0.0914	0.1059	0.07024	0.07729

Record 52: DC Q=33 Alpha=30 Beta=-4 FENCE OFF

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.35453	-0.3642	-0.3722	-0.37616	-0.37043	-0.3583
Row 5	-0.3647	-0.36327	-0.3794	-0.3575	-0.378	-0.3515
Row 4	-0.3678	-0.3631	-0.38248	-0.36664	-0.3705	-0.3718
Row 3	-0.3127	-0.3381	-0.35616	-0.3817	-0.36274	-0.33758
Row 2	-0.2527	-0.31955	-0.3563	-0.3525	-0.3612	-0.343
Row 1 - Root	-0.2403	-0.3311	-0.3674	-0.3499	-0.35286	-0.34871

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.47016	-0.4361	-0.4329	-0.4081	-0.3646	-0.36921
Row 5	-0.46232	-0.4339	-0.3939	-0.4159	-0.3687	-0.3703
Row 4	-0.4519	-0.4346	-0.4233	-0.4219	-0.4098	-0.3913
Row 3	-0.48834	-0.4494	-0.4293	-0.40075	-0.41704	-0.3856
Row 2	-0.47843	-0.47505	-0.4223	-0.4287	-0.47203	-0.395
Row 1 - Root	-0.4636	-0.4475	-0.4573	-0.4382	-0.4066	-0.4414

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.11563	0.0719	0.0607	0.03194	-0.00583	0.01091
Row 5	0.09762	0.07063	0.0145	0.0584	-0.0093	0.0188
Row 4	0.0841	0.0715	0.04082	0.05526	0.0393	0.0195
Row 3	0.17564	0.1113	0.07314	0.01905	0.0543	0.04802
Row 2	0.22573	0.1555	0.066	0.0762	0.11083	0.052
Row 1 - Root	0.2233	0.1164	0.0899	0.0883	0.05374	0.09269

Record 53: DC Q=33 Alpha=30 Beta=-10 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.30733	-0.3356	-0.3632	-0.38426	-0.39663	-0.3621
Row 5	-0.26358	-0.31977	-0.3604	-0.363	-0.3832	-0.358
Row 4	-0.2708	-0.3256	-0.37928	-0.37094	-0.3705	-0.3744
Row 3	-0.2299	-0.3198	-0.36406	-0.3974	-0.36727	-0.33408
Row 2	-0.2172	-0.31455	-0.3747	-0.3635	-0.3668	-0.3431
Row 1 - Root	-0.2123	-0.3445	-0.3938	-0.3599	-0.35616	-0.39123

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.48806	-0.4456	-0.4539	-0.4287	-0.4027	-0.40551
Row 5	-0.48622	-0.443	-0.3984	-0.4186	-0.3919	-0.3809
Row 4	-0.4798	-0.456	-0.4382	-0.4154	-0.4059	-0.3942
Row 3	-0.50614	-0.4863	-0.4443	-0.39735	-0.40839	-0.3785
Row 2	-0.53613	-0.52905	-0.449	-0.4188	-0.45183	-0.38
Row 1 - Root	-0.6072	-0.5608	-0.4899	-0.4153	-0.3744	-0.3764

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.18073	0.11	0.0907	0.04444	0.00607	0.04341
Row 5	0.22264	0.12323	0.038	0.0566	0.0087	0.0259
Row 4	0.209	0.1304	0.05892	0.04446	0.0354	0.0198
Row 3	0.27624	0.1665	0.08024	-0.00005	0.04112	0.04412
Row 2	0.31893	0.2145	0.0743	0.0553	0.08503	0.0369
Row 1 - Root	0.3947	0.2143	0.0961	0.0554	0.01824	0.00519

Record 56: DC Q=33 Alpha=30 Beta=-16 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.35173	-0.3603	-0.3913	-0.39266	-0.39913	-0.3651
Row 5	-0.3398	-0.37747	-0.4052	-0.3806	-0.4412	-0.3709
Row 4	-0.3886	-0.4072	-0.42888	-0.39894	-0.3929	-0.3864
Row 3	-0.3674	-0.4071	-0.41776	-0.4288	-0.39472	-0.36758
Row 2	-0.3558	-0.40518	-0.4236	-0.3945	-0.3896	-0.3729
Row 1 - Root	-0.3921	-0.4342	-0.4388	-0.3963	-0.39076	-0.40701

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.51386	-0.4533	-0.4433	-0.4112	-0.3856	-0.38281
Row 5	-0.49522	-0.4391	-0.3666	-0.4055	-0.3821	-0.3613
Row 4	-0.4741	-0.4211	-0.4053	-0.3998	-0.4029	-0.3746
Row 3	-0.46394	-0.4193	-0.4037	-0.37045	-0.39164	-0.361
Row 2	-0.44643	-0.43825	-0.3929	-0.392	-0.4322	-0.3706
Row 1 - Root	-0.4303	-0.4046	-0.4202	-0.3922	-0.3646	-0.3674

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.16213	0.093	0.052	0.01854	-0.01353	0.01771
Row 5	0.15547	0.06163	-0.0386	0.0249	-0.0591	-0.0096
Row 4	0.0855	0.0139	-0.02358	0.00086	0.01	-0.0118
Row 3	0.09654	0.0122	-0.01406	-0.05835	-0.00308	-0.00658
Row 2	0.09063	0.03307	-0.0307	-0.0025	0.0426	-0.0023
Row 1 - Root	0.0382	-0.0296	-0.0186	-0.0041	-0.02616	-0.03961

Record 57: DC Q=33 Alpha=30 Beta=-6 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.35993	-0.3644	-0.3744	-0.39716	-0.38283	-0.3659
Row 5	-0.3227	-0.33967	-0.3647	-0.3545	-0.4222	-0.3533
Row 4	-0.3155	-0.3311	-0.37108	-0.36754	-0.3727	-0.3771
Row 3	-0.2458	-0.3088	-0.34786	-0.3883	-0.36937	-0.35188
Row 2	-0.2077	-0.29577	-0.3524	-0.3515	-0.3646	-0.3521
Row 1 - Root	-0.1907	-0.3142	-0.3695	-0.3475	-0.35046	-0.37581

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.48766	-0.4547	-0.4499	-0.4343	-0.4054	-0.41371
Row 5	-0.49042	-0.4388	-0.3945	-0.4353	-0.4084	-0.388
Row 4	-0.4769	-0.4269	-0.4156	-0.4254	-0.4191	-0.4067
Row 3	-0.50904	-0.4555	-0.423	-0.39935	-0.42079	-0.3946
Row 2	-0.50453	-0.48595	-0.4287	-0.4298	-0.47013	-0.4007
Row 1 - Root	-0.484	-0.4629	-0.4631	-0.4417	-0.4062	-0.4044

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.12773	0.0903	0.0755	0.03714	0.02257	0.04781
Row 5	0.16772	0.09913	0.0298	0.0808	-0.0138	0.0348
Row 4	0.1614	0.0958	0.04452	0.05786	0.0464	0.0296
Row 3	0.26324	0.1467	0.07514	0.01105	0.05142	0.04272
Row 2	0.29683	0.19017	0.0763	0.0783	0.10553	0.0486
Row 1 - Root	0.2933	0.1487	0.0936	0.0942	0.05574	0.03059

Record 61: DC Q=33 Alpha=35 Beta=+16 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.43283	-0.4305	-0.4237	-0.43096	-0.41133	-0.4083
Row 5	-0.4102	-0.41317	-0.425	-0.401	-0.4242	-0.4052
Row 4	-0.4553	-0.4247	-0.44078	-0.40454	-0.4094	-0.4289
Row 3	-0.4058	-0.4241	-0.42596	-0.4321	-0.40879	-0.40068
Row 2	-0.3782	-0.41148	-0.4184	-0.3815	-0.393	-0.3896
Row 1 - Root	-0.4157	-0.4252	-0.427	-0.3902	-0.39196	-0.41051

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.39476	-0.3806	-0.3804	-0.3535	-0.29732	-0.34171
Row 5	-0.40432	-0.3892	-0.3388	-0.3575	-0.3337	-0.3313
Row 4	-0.421	-0.4024	-0.3768	-0.3658	-0.3923	-0.3601
Row 3	-0.45494	-0.4277	-0.3989	-0.35335	-0.3795	-0.352
Row 2	-0.45483	-0.46395	-0.4095	-0.375	-0.42035	-0.3528
Row 1 - Root	-0.4247	-0.4276	-0.4368	-0.3937	-0.368	-0.3644

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.03807	-0.0499	-0.0433	-0.07746	-0.11401	-0.06659
Row 5	-0.00588	-0.02397	-0.0862	-0.0435	-0.0905	-0.0739
Row 4	-0.0343	-0.0223	-0.06398	-0.03874	-0.0171	-0.0688
Row 3	0.04914	0.0036	-0.02706	-0.07875	-0.02929	-0.04868
Row 2	0.07663	0.05247	-0.0089	-0.0065	0.02735	-0.0368
Row 1 - Root	0.009	0.0024	0.0098	0.0035	-0.02396	-0.04611

Record 63: DC Q=33 Alpha=35 Beta=+10 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.41743	-0.3987	-0.4091	-0.38366	-0.36823	-0.359
Row 5	-0.3916	-0.38007	-0.4011	-0.3631	-0.4302	-0.3467
Row 4	-0.433	-0.3992	-0.40748	-0.37094	-0.3755	-0.3784
Row 3	-0.3827	-0.3945	-0.38164	-0.3964	-0.3645	-0.33678
Row 2	-0.3584	-0.38077	-0.3779	-0.3485	-0.3571	-0.3475
Row 1 - Root	-0.3882	-0.3923	-0.3811	-0.3469	-0.35498	-0.37091

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.43636	-0.39	-0.403	-0.3747	-0.3181	-0.32961
Row 5	-0.43322	-0.4209	-0.3699	-0.3797	-0.3514	-0.3406
Row 4	-0.4361	-0.4236	-0.4101	-0.3845	-0.3796	-0.3597
Row 3	-0.44274	-0.4424	-0.427	-0.37235	-0.38688	-0.3524
Row 2	-0.43563	-0.46965	-0.4387	-0.4079	-0.44318	-0.3682
Row 1 - Root	-0.4096	-0.4266	-0.4564	-0.4244	-0.3883	-0.3754

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.01893	-0.0087	-0.0061	-0.00896	-0.05013	-0.02939
Row 5	0.04162	0.04083	-0.0312	0.0166	-0.0788	-0.0041
Row 4	0.0031	0.0244	0.00262	0.01356	0.0041	-0.0187
Row 3	0.06004	0.0479	0.04534	-0.02405	0.02044	0.01562
Row 2	0.07723	0.08888	0.0608	0.0594	0.08608	0.0207
Row 1 - Root	0.0214	0.0343	0.0753	0.0775	0.03334	0.00039

Record 66: DC Q=33 Alpha=35 Beta=+6 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.39933	-0.3969	-0.3983	-0.38226	-0.36773	-0.3566
Row 5	-0.393	-0.38967	-0.3964	-0.3627	-0.4232	-0.3522
Row 4	-0.4371	-0.403	-0.40908	-0.37174	-0.3816	-0.3763
Row 3	-0.3866	-0.3919	-0.37926	-0.3944	-0.36812	-0.33828
Row 2	-0.3614	-0.3801	-0.3814	-0.3495	-0.3582	-0.3404
Row 1 - Root	-0.3929	-0.3857	-0.3817	-0.3439	-0.35106	-0.36911

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.43786	-0.4249	-0.4238	-0.3929	-0.3291	-0.33981
Row 5	-0.42462	-0.4319	-0.3954	-0.3976	-0.3494	-0.3519
Row 4	-0.4327	-0.4299	-0.425	-0.4061	-0.3945	-0.3723
Row 3	-0.43674	-0.4429	-0.4342	-0.38055	-0.401	-0.3693
Row 2	-0.43613	-0.44255	-0.4387	-0.4248	-0.45965	-0.381
Row 1 - Root	-0.4044	-0.4203	-0.4597	-0.4467	-0.4063	-0.3874

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.03853	0.028	0.0255	0.01064	-0.03863	-0.01679
Row 5	0.03162	0.04223	-0.001	0.0349	-0.0738	-0.0003
Row 4	-0.0044	0.0269	0.01592	0.03436	0.0129	-0.004
Row 3	0.05014	0.051	0.05494	-0.01385	0.03288	0.03102
Row 2	0.07473	0.06245	0.0573	0.0753	0.10145	0.0406
Row 1 - Root	0.0115	0.0346	0.078	0.1028	0.05524	0.01829

Record 67: DC Q=33 Alpha=35 Beta=+4 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.41503	-0.399	-0.3941	-0.39046	-0.36113	-0.3637
Row 5	-0.3979	-0.38517	-0.395	-0.3597	-0.4342	-0.3508
Row 4	-0.4356	-0.3906	-0.40128	-0.36734	-0.376	-0.3727
Row 3	-0.3827	-0.3838	-0.37356	-0.3921	-0.36843	-0.3819
Row 2	-0.3545	-0.3698	-0.3709	-0.3435	-0.3591	-0.3427
Row 1 - Root	-0.3647	-0.368	-0.3718	-0.3387	-0.33976	-0.34081

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.42576	-0.4254	-0.4269	-0.4093	-0.3533	-0.36091
Row 5	-0.43212	-0.424	-0.3967	-0.4172	-0.3703	-0.3651
Row 4	-0.4371	-0.4241	-0.4178	-0.4268	-0.4157	-0.3966
Row 3	-0.44264	-0.4443	-0.42614	-0.40385	-0.41848	-0.3846
Row 2	-0.44103	-0.47075	-0.4386	-0.4303	-0.46975	-0.3982
Row 1 - Root	-0.4257	-0.4341	-0.4623	-0.4416	-0.4088	-0.4004

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.01073	0.0264	0.0328	0.01884	-0.00783	-0.00279
Row 5	0.03422	0.03883	0.0017	0.0575	-0.0539	0.0122
Row 4	0.0015	0.0335	0.01652	0.05946	0.0397	0.0239
Row 3	0.05994	0.0585	0.05258	0.01175	0.04963	0.03642
Row 2	0.08653	0.10095	0.0677	0.0868	0.11065	0.0555
Row 1 - Root	0.061	0.0661	0.0905	0.1049	0.06904	0.03409

Record 70: DC Q=33 Alpha=35 Beta=+2 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.39633	-0.3963	-0.3933	-0.38366	-0.37033	-0.3617
Row 5	-0.3982	-0.39227	-0.3933	-0.3561	-0.4222	-0.3543
Row 4	-0.4351	-0.3945	-0.39698	-0.36394	-0.3762	-0.3739
Row 3	-0.3661	-0.3748	-0.36716	-0.3935	-0.36747	-0.33708
Row 2	-0.3349	-0.3541	-0.3556	-0.3445	-0.3631	-0.3455
Row 1 - Root	-0.3471	-0.3511	-0.3653	-0.3373	-0.34316	-0.37201

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.41836	-0.4085	-0.4461	-0.4226	-0.3663	-0.39351
Row 5	-0.43822	-0.4382	-0.4114	-0.4288	-0.3813	-0.3735
Row 4	-0.4396	-0.436	-0.4308	-0.4292	-0.4255	-0.4108
Row 3	-0.45434	-0.4524	-0.43604	-0.40985	-0.42806	-0.3955
Row 2	-0.46813	-0.45155	-0.4511	-0.4414	-0.48138	-0.4073
Row 1 - Root	-0.451	-0.4399	-0.4732	-0.4533	-0.4247	-0.4614

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.02203	0.0122	0.0528	0.03894	-0.00403	0.03181
Row 5	0.04002	0.04593	0.0181	0.0727	-0.0409	0.0192
Row 4	0.0045	0.0415	0.03382	0.06526	0.0493	0.0369
Row 3	0.08824	0.0776	0.06888	0.01635	0.06059	0.05842
Row 2	0.13323	0.09745	0.0955	0.0969	0.11828	0.0618
Row 1 - Root	0.1039	0.0888	0.1079	0.116	0.08154	0.08939

Record 71: DC Q=33 Alpha=35 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.40023	-0.3895	-0.386	-0.38196	-0.35753	-0.3471
Row 5	-0.3898	-0.37617	-0.3838	-0.3508	-0.4172	-0.3088
Row 4	-0.4252	-0.3815	-0.39068	-0.36314	-0.3758	-0.3746
Row 3	-0.3752	-0.3725	-0.36246	-0.3895	-0.37022	-0.3588
Row 2	-0.342	-0.35653	-0.3591	-0.3435	-0.3633	-0.3425
Row 1 - Root	-0.3313	-0.3325	-0.3672	-0.3389	-0.34456	-0.3738

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.44806	-0.4137	-0.4467	-0.4183	-0.3606	-0.38471
Row 5	-0.45382	-0.446	-0.4184	-0.4242	-0.3804	-0.3758
Row 4	-0.4561	-0.4391	-0.4408	-0.4316	-0.4217	-0.4065
Row 3	-0.48294	-0.4604	-0.43909	-0.41075	-0.42464	-0.3943
Row 2	-0.48803	-0.48085	-0.4444	-0.4356	-0.47183	-0.4019
Row 1 - Root	-0.4769	-0.4482	-0.4671	-0.4401	-0.4055	-0.4444

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.04783	0.0242	0.0607	0.03634	0.00307	0.03761
Row 5	0.06402	0.06983	0.0346	0.0733	-0.0368	0.0253
Row 4	0.0309	0.0576	0.05012	0.06846	0.0459	0.0319
Row 3	0.10774	0.0879	0.07663	0.02125	0.05442	0.04202
Row 2	0.14603	0.12432	0.0853	0.0921	0.10853	0.0594
Row 1 - Root	0.1456	0.0957	0.0999	0.1012	0.06094	0.07249

Record 74: DC Q=33 Alpha=35 Beta=-2 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.36443	-0.3631	-0.3793	-0.36606	-0.36153	-0.3538
Row 5	-0.3554	-0.35717	-0.369	-0.3484	-0.4182	-0.354
Row 4	-0.3876	-0.358	-0.37708	-0.36384	-0.3771	-0.3775
Row 3	-0.3401	-0.3482	-0.35246	-0.3855	-0.36972	-0.35498
Row 2	-0.3018	-0.33113	-0.3492	-0.3405	-0.3613	-0.3405
Row 1 - Root	-0.2841	-0.3253	-0.3579	-0.3321	-0.34046	-0.36821

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.46746	-0.451	-0.4524	-0.4272	-0.3734	-0.37541
Row 5	-0.44832	-0.4412	-0.4081	-0.4287	-0.3873	-0.3809
Row 4	-0.445	-0.4346	-0.4294	-0.4307	-0.4241	-0.4059
Row 3	-0.47044	-0.4484	-0.43171	-0.41475	-0.42736	-0.3988
Row 2	-0.47273	-0.46675	-0.4343	-0.4391	-0.47178	-0.399
Row 1 - Root	-0.4682	-0.4398	-0.455	-0.4361	-0.4041	-0.4434

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.10303	0.0879	0.0731	0.06114	0.01187	0.02161
Row 5	0.09292	0.08403	0.0391	0.0803	-0.0309	0.0269
Row 4	0.0574	0.0766	0.05232	0.06686	0.047	0.0284
Row 3	0.13034	0.1002	0.07925	0.02925	0.05764	0.04382
Row 2	0.17093	0.13562	0.0851	0.0986	0.11048	0.0585
Row 1 - Root	0.1841	0.1145	0.0971	0.104	0.06364	0.07519

Record 75: DC Q=33 Alpha=35 Beta=-4 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.37763	-0.3621	-0.3749	-0.38106	-0.36543	-0.355
Row 5	-0.3438	-0.35137	-0.3609	-0.353	-0.4242	-0.3599
Row 4	-0.3829	-0.3585	-0.37808	-0.36464	-0.3755	-0.3748
Row 3	-0.3088	-0.3369	-0.33276	-0.39	-0.37504	-0.3598
Row 2	-0.2671	-0.3197	-0.3513	-0.3445	-0.3655	-0.344
Row 1 - Root	-0.2473	-0.3235	-0.3673	-0.3428	-0.34956	-0.37481

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.47416	-0.4659	-0.4586	-0.4337	-0.3778	-0.40061
Row 5	-0.46752	-0.4576	-0.4175	-0.4345	-0.4001	-0.3823
Row 4	-0.459	-0.4483	-0.4496	-0.4376	-0.4248	-0.4111
Row 3	-0.49264	-0.4623	-0.44794	-0.42305	-0.43255	-0.4007
Row 2	-0.51823	-0.48805	-0.4568	-0.4575	-0.48165	-0.4092
Row 1 - Root	-0.4932	-0.4626	-0.475	-0.4576	-0.4166	-0.4504

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.09653	0.1038	0.0837	0.05264	0.01237	0.04561
Row 5	0.12372	0.10623	0.0486	0.0815	-0.0241	0.0265
Row 4	0.0761	0.0898	0.07152	0.07296	0.0493	0.0363
Row 3	0.18384	0.1254	0.09518	0.03305	0.06171	0.04832
Row 2	0.25113	0.16835	0.1055	0.113	0.11615	0.0652
Row 1 - Root	0.2459	0.1391	0.1077	0.1148	0.06704	0.07609

Record 78: DC Q=33 Alpha=35 Beta=-6 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.37853	-0.3695	-0.3786	-0.37706	-0.37943	-0.3782
Row 5	-0.3297	-0.34737	-0.3669	-0.3562	-0.3802	-0.3453
Row 4	-0.3436	-0.3451	-0.37728	-0.36604	-0.3783	-0.3794
Row 3	-0.2746	-0.3301	-0.35736	-0.3956	-0.37274	-0.34438
Row 2	-0.2491	-0.31945	-0.3653	-0.3555	-0.3727	-0.3525
Row 1 - Root	-0.2358	-0.3333	-0.3824	-0.3544	-0.36046	-0.38371

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.46866	-0.4624	-0.4605	-0.4414	-0.3861	-0.39411
Row 5	-0.45452	-0.4508	-0.4134	-0.4398	-0.408	-0.3921
Row 4	-0.4652	-0.4349	-0.4371	-0.4415	-0.4316	-0.4149
Row 3	-0.49884	-0.4521	-0.43226	-0.40635	-0.42958	-0.4038
Row 2	-0.49663	-0.48875	-0.4335	-0.4386	-0.47658	-0.4125
Row 1 - Root	-0.4879	-0.4622	-0.4608	-0.4447	-0.4165	-0.4544

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.09013	0.0929	0.0819	0.06434	0.00667	0.01591
Row 5	0.12482	0.10343	0.0465	0.0836	0.0278	0.0468
Row 4	0.1216	0.0898	0.05982	0.07546	0.0533	0.0355
Row 3	0.22424	0.122	0.0749	0.01075	0.05684	0.05942
Row 2	0.24753	0.1693	0.0682	0.0831	0.10388	0.06
Row 1 - Root	0.2521	0.1289	0.0784	0.0903	0.05604	0.07069

Record 79: DC Q=33 Alpha=35 Beta=-10 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.34973	-0.3667	-0.3854	-0.40146	-0.40403	-0.3974
Row 5	-0.31546	-0.34717	-0.3845	-0.38	-0.4032	-0.399
Row 4	-0.3253	-0.3553	-0.40108	-0.38964	-0.396	-0.394
Row 3	-0.2709	-0.351	-0.39184	-0.4211	-0.3951	-0.3748
Row 2	-0.254	-0.3462	-0.4035	-0.3825	-0.3898	-0.3695
Row 1 - Root	-0.2521	-0.3763	-0.4191	-0.3785	-0.37828	-0.38931

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.51806	-0.486	-0.4813	-0.4444	-0.4142	-0.42511
Row 5	-0.50462	-0.47	-0.4276	-0.4406	-0.4127	-0.3988
Row 4	-0.4831	-0.457	-0.44	-0.4355	-0.4297	-0.4119
Row 3	-0.49794	-0.4854	-0.44159	-0.40985	-0.42927	-0.4039
Row 2	-0.51853	-0.51935	-0.4311	-0.4314	-0.47363	-0.4156
Row 1 - Root	-0.5378	-0.5011	-0.4439	-0.4318	-0.4067	-0.4104

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.16833	0.1193	0.0959	0.04294	0.01017	0.02771
Row 5	0.18916	0.12283	0.0431	0.0606	0.0095	0.0181
Row 4	0.1578	0.1017	0.03892	0.04586	0.0337	0.0179
Row 3	0.22704	0.1344	0.04973	-0.01125	0.03417	0.03042
Row 2	0.26453	0.17315	0.0276	0.0489	0.08382	0.0461
Row 1 - Root	0.2857	0.1248	0.0248	0.0552	0.02844	0.01509

Record 82: DC Q=33 Alpha=35 Beta=-16 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.36273	-0.3786	-0.3985	-0.40716	-0.41113	-0.3908
Row 5	-0.3389	-0.37337	-0.4039	-0.3895	-0.4122	-0.3881
Row 4	-0.3878	-0.4007	-0.42158	-0.39454	-0.3907	-0.3858
Row 3	-0.3593	-0.4008	-0.40976	-0.4206	-0.38984	-0.36538
Row 2	-0.3534	-0.39865	-0.418	-0.3805	-0.3827	-0.3747
Row 1 - Root	-0.38	-0.4224	-0.4267	-0.3795	-0.38326	-0.39991

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.51496	-0.4759	-0.4713	-0.4382	-0.3988	-0.40101
Row 5	-0.50302	-0.4645	-0.4081	-0.4284	-0.3974	-0.3774
Row 4	-0.4956	-0.4469	-0.4367	-0.4314	-0.4249	-0.3938
Row 3	-0.50714	-0.4702	-0.42954	-0.39345	-0.40813	-0.3753
Row 2	-0.49703	-0.48015	-0.4178	-0.4004	-0.43888	-0.3731
Row 1 - Root	-0.4785	-0.4388	-0.4346	-0.4039	-0.3778	-0.3764

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.15223	0.0973	0.0728	0.03104	-0.01233	0.01021
Row 5	0.16412	0.09113	0.0042	0.0389	-0.0148	-0.0107
Row 4	0.1078	0.0462	0.01512	0.03686	0.0342	0.008
Row 3	0.14784	0.0694	0.01978	-0.02715	0.01829	0.00992
Row 2	0.14363	0.0815	-0.0002	0.0199	0.05618	-0.0016
Row 1 - Root	0.0985	0.0164	0.0079	0.0244	-0.00546	-0.02351

Record 87: DC Q-33 Alpha=20 Beta=0 FENCE ON

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.58613	-0.3883	-0.3083	-0.28526	-0.30193	-0.2677
Row 5	-0.5291	-0.25837	-0.308	-0.283	-0.2995	-0.258
Row 4	-0.3534	-0.3361	-0.34168	-0.30844	-0.313	-0.2806
Row 3	-0.3337	-0.3493	-0.33324	-0.3272	-0.30424	-0.2806
Row 2	-0.2799	-0.3163	-0.3383	-0.3015	-0.2886	-0.26885
Row 1 - Root	-0.2596	-0.2977	-0.3187	-0.28743	-0.28424	-0.2596

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.21726	-0.2609	-0.3002	-0.3103	-0.28623	-0.26841
Row 5	-0.21452	-0.2616	-0.2522	-0.3148	-0.2885	-0.2653
Row 4	-0.2936	-0.3203	-0.3095	-0.2882	-0.3142	-0.3057
Row 3	-0.36264	-0.3393	-0.3201	-0.28895	-0.30201	-0.2702
Row 2	-0.40403	-0.39315	-0.3157	-0.2886	-0.33468	-0.2652
Row 1 - Root	-0.3953	-0.3823	-0.3422	-0.2946	-0.28	-0.2734

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.36887	-0.1274	-0.0081	0.02504	-0.0157	0.00071
Row 5	-0.31458	-0.03697	-0.0558	0.0298	-0.009	0.007
Row 4	-0.0598	-0.0158	-0.03218	-0.02024	0.0012	0.0251
Row 3	0.03894	-0.01	-0.01316	-0.03825	-0.00224	-0.01798
Row 2	0.12413	0.07685	-0.0226	-0.0129	0.04608	-0.00365
Row 1 - Root	0.1357	0.0846	0.0235	0.00698	-0.00626	0.08999

Record 90: DC Q-33 Alpha=24 Beta=0 FENCE ON

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.36553	-0.3348	-0.3271	-0.30656	-0.28633	-0.2795
Row 5	-0.3312	-0.32457	-0.3403	-0.3	-0.3087	-0.2702
Row 4	-0.3826	-0.3627	-0.36048	-0.32254	-0.323	-0.3225
Row 3	-0.3593	-0.3561	-0.32936	-0.3442	-0.31272	-0.29458
Row 2	-0.2901	-0.31745	-0.3277	-0.3035	-0.2891	-0.27176
Row 1 - Root	-0.2694	-0.2959	-0.3151	-0.28426	-0.28536	-0.27181

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.32206	-0.3392	-0.3547	-0.3272	-0.29609	-0.28501
Row 5	-0.34922	-0.3286	-0.31	-0.3341	-0.2958	-0.2934
Row 4	-0.3654	-0.3675	-0.344	-0.3036	-0.3274	-0.3164
Row 3	-0.37124	-0.3507	-0.3478	-0.30545	-0.32968	-0.3047
Row 2	-0.37053	-0.37345	-0.3553	-0.3528	-0.38115	-0.3137
Row 1 - Root	-0.3608	-0.3736	-0.3818	-0.3438	-0.3228	-0.3094

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.04347	0.0044	0.0276	0.02064	0.00976	0.00551
Row 5	0.01802	0.00403	-0.0303	0.0341	-0.0129	0.0232
Row 4	-0.0172	0.0048	-0.01648	-0.01894	0.0044	-0.0061
Row 3	0.01194	-0.0054	0.01844	-0.03875	0.01696	0.01012
Row 2	0.08043	0.056	0.0276	0.0493	0.09205	0.04194
Row 1 - Root	0.0914	0.0777	0.0667	0.05954	0.03744	0.03759

Record 91: DC Q=33 Alpha=26 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.35893	-0.3417	-0.3396	-0.31986	-0.29503	-0.2844
Row 5	-0.3452	-0.33347	-0.3487	-0.3044	-0.2979	-0.2898
Row 4	-0.3856	-0.3568	-0.35128	-0.31894	-0.3208	-0.3213
Row 3	-0.3571	-0.3476	-0.3204	-0.3373	-0.3184	-0.2978
Row 2	-0.285	-0.3099	-0.3188	-0.2985	-0.2944	-0.27122
Row 1 - Root	-0.2632	-0.28819	-0.31	-0.28229	-0.2944	-0.2898

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.35406	-0.3459	-0.3483	-0.3233	-0.29032	-0.28871
Row 5	-0.35922	-0.3353	-0.3333	-0.3356	-0.2984	-0.2984
Row 4	-0.375	-0.3728	-0.3516	-0.336	-0.334	-0.324
Row 3	-0.37354	-0.3732	-0.3585	-0.33045	-0.34299	-0.3149
Row 2	-0.37713	-0.40295	-0.3661	-0.3619	-0.3926	-0.3244
Row 1 - Root	-0.38	-0.3783	-0.3959	-0.3547	-0.329	-0.3154

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.00487	0.0042	0.0087	0.00344	-0.00471	0.00431
Row 5	0.01402	0.00183	-0.0154	0.0312	-0.0095	0.029
Row 4	-0.0106	0.016	0.00032	0.01706	0.0132	0.0027
Row 3	0.01644	0.0256	0.03764	-0.00685	0.03204	0.02362
Row 2	0.09213	0.09305	0.0473	0.0634	0.0982	0.05318
Row 1 - Root	0.1148	0.09011	0.0859	0.07241	0.04404	0.04319

Record 94: DC Q=33 Alpha=28 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.34953	-0.347	-0.3443	-0.32536	-0.29783	-0.2891
Row 5	-0.354	-0.33377	-0.3458	-0.3034	-0.3572	-0.2752
Row 4	-0.3856	-0.3556	-0.35368	-0.31704	-0.3202	-0.3219
Row 3	-0.3497	-0.3408	-0.31406	-0.3354	-0.31164	-0.29258
Row 2	-0.277	-0.30563	-0.3177	-0.2995	-0.2984	-0.27489
Row 1 - Root	-0.2595	-0.28704	-0.3126	-0.28558	-0.28926	-0.30301

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.36416	-0.3272	-0.3612	-0.3341	-0.29594	-0.29571
Row 5	-0.37152	-0.3626	-0.3238	-0.348	-0.3048	-0.302
Row 4	-0.3822	-0.3834	-0.3616	-0.3217	-0.3229	-0.3339
Row 3	-0.37704	-0.3808	-0.3681	-0.33525	-0.34436	-0.323
Row 2	-0.38893	-0.40755	-0.3717	-0.3658	-0.39628	-0.3238
Row 1 - Root	-0.3878	-0.3846	-0.3922	-0.3648	-0.3373	-0.3224

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.01463	-0.0198	0.0169	0.00874	-0.00189	0.00661
Row 5	0.01752	0.02883	-0.022	0.0446	-0.0524	0.0268
Row 4	-0.0034	0.0278	0.00792	0.00466	0.0027	0.012
Row 3	0.02734	0.04	0.05404	-0.00015	0.03271	0.03042
Row 2	0.11193	0.10192	0.054	0.0663	0.09788	0.04891
Row 1 - Root	0.1283	0.09756	0.0796	0.07922	0.04804	0.01939

Record 96: DC Q=33 Alpha=30 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.33563	-0.3354	-0.3352	-0.32326	-0.29783	-0.2911
Row 5	-0.3367	-0.32037	-0.3376	-0.3063	-0.2809	-0.2797
Row 4	-0.38	-0.3482	-0.35178	-0.31494	-0.318	-0.3205
Row 3	-0.3467	-0.3376	-0.31486	-0.3337	-0.31117	-0.2999
Row 2	-0.2763	-0.3031	-0.3143	-0.2975	-0.2985	-0.27634
Row 1 - Root	-0.2681	-0.28421	-0.3068	-0.28418	-0.28328	-0.27006

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.34846	-0.3401	-0.3725	-0.3142	-0.30151	-0.30171
Row 5	-0.35592	-0.3741	-0.3437	-0.3509	-0.306	-0.3045
Row 4	-0.365	-0.3824	-0.3661	-0.3516	-0.3496	-0.3401
Row 3	-0.38204	-0.3821	-0.3734	-0.34375	-0.35674	-0.3297
Row 2	-0.38893	-0.38845	-0.3792	-0.3738	-0.40393	-0.3305
Row 1 - Root	-0.3902	-0.3879	-0.4042	-0.375	-0.3487	-0.3334

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.01283	0.0047	0.0373	-0.00906	0.00368	0.01061
Row 5	0.01922	0.05353	0.0061	0.0446	-0.0543	0.0248
Row 4	-0.015	0.0342	0.01432	0.03666	0.0316	0.0196
Row 3	0.03534	0.0445	0.05854	0.00805	0.04557	0.03722
Row 2	0.11263	0.08535	0.0649	0.0763	0.10543	0.05416
Row 1 - Root	0.1221	0.10369	0.0974	0.09082	0.06014	0.05539

Record 98: DC Q=33 Alpha=32 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.34653	-0.3402	-0.3368	-0.2496	-0.29793	-0.2908
Row 5	-0.3526	-0.33517	-0.3362	-0.3027	-0.3598	-0.2955
Row 4	-0.3821	-0.3425	-0.33788	-0.30504	-0.3147	-0.3202
Row 3	-0.3413	-0.3285	-0.30316	-0.323	-0.30582	-0.28838
Row 2	-0.2747	-0.29918	-0.3084	-0.2915	-0.2972	-0.27638
Row 1 - Root	-0.2697	-0.28512	-0.308	-0.28394	-0.28966	-0.28191

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.36926	-0.3541	-0.3837	-0.3271	-0.30795	-0.31051
Row 5	-0.36882	-0.3652	-0.3365	-0.3691	-0.3241	-0.3207
Row 4	-0.3943	-0.3909	-0.3611	-0.3748	-0.3696	-0.3555
Row 3	-0.39654	-0.3951	-0.3826	-0.35705	-0.37367	-0.3473
Row 2	-0.40383	-0.39925	-0.3841	-0.3916	-0.42073	-0.346
Row 1 - Root	-0.4029	-0.3978	-0.4125	-0.3923	-0.3632	-0.3454

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.02273	0.0139	0.0469	0.00214	0.01002	0.01971
Row 5	0.01622	0.03003	0.0003	0.0664	-0.0357	0.0252
Row 4	0.0122	0.0484	0.02322	0.06976	0.0549	0.0353
Row 3	0.05524	0.0666	0.07944	0.03405	0.06785	0.05892
Row 2	0.12913	0.10007	0.0757	0.1001	0.12353	0.06962
Row 1 - Root	0.1332	0.11268	0.1045	0.10836	0.07354	0.06349

Record 102: DC Q-33 Alpha=36 Beta=0 FENCE ON

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.36893	-0.3486	-0.3458	-0.34096	-0.31323	-0.3111
Row 5	-0.3327	-0.34337	-0.3442	-0.3131	-0.3305	-0.3333
Row 4	-0.3825	-0.3446	-0.34728	-0.31454	-0.3305	-0.3333
Row 3	-0.3443	-0.3383	-0.32886	-0.3433	-0.3305	-0.3333
Row 2	-0.293	-0.3175	-0.3282	-0.3145	-0.3215	-0.30276
Row 1 - Root	-0.3031	-0.3183	-0.3318	-0.3027	-0.3122	-0.30276

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.40276	-0.3749	-0.4105	-0.3814	-0.3393	-0.34571
Row 5	-0.37782	-0.3811	-0.369	-0.3945	-0.3649	-0.3562
Row 4	-0.3938	-0.3961	-0.3915	-0.3919	-0.3918	-0.385
Row 3	-0.39544	-0.395	-0.392	-0.37565	-0.39429	-0.3722
Row 2	-0.41683	-0.40145	-0.3912	-0.4108	-0.4375	-0.3726
Row 1 - Root	-0.423	-0.4027	-0.4147	-0.3971	-0.3718	-0.3664

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	0.03383	0.0263	0.0647	0.04044	0.02607	0.03461
Row 5	0.02512	0.03753	0.0248	0.0824	0.0358	0.0427
Row 4	0.0113	0.0515	0.04422	0.07736	0.0613	0.0517
Row 3	0.05094	0.0565	0.06214	0.03015	0.06769	0.06332
Row 2	0.12383	0.08395	0.063	0.0963	0.116	0.06984
Row 1 - Root	0.1199	0.0924	0.0829	0.09183	0.06154	0.06259

Record 104: DC Q-33 Alpha=40 Beta=0 FENCE ON

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.37973	-0.356	-0.3601	-0.35596	-0.34003	-0.3266
Row 5	-0.354	-0.34807	-0.3511	-0.3252	-0.3394	-0.3095
Row 4	-0.3896	-0.3505	-0.35988	-0.32874	-0.3469	-0.3462
Row 3	-0.3557	-0.3467	-0.33196	-0.3463	-0.33399	-0.32138
Row 2	-0.3086	-0.32815	-0.329	-0.3125	-0.3214	-0.29842
Row 1 - Root	-0.3289	-0.3283	-0.3374	-0.3088	-0.31296	-0.30311

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.42086	-0.3914	-0.4327	-0.4174	-0.3816	-0.40131
Row 5	-0.40452	-0.4146	-0.385	-0.4147	-0.389	-0.3733
Row 4	-0.4024	-0.3983	-0.3984	-0.4081	-0.4073	-0.4
Row 3	-0.43064	-0.398	-0.3949	-0.38485	-0.40336	-0.3814
Row 2	-0.43673	-0.41095	-0.3932	-0.4119	-0.4399	-0.3738
Row 1 - Root	-0.4452	-0.4188	-0.4184	-0.397	-0.3731	-0.3664

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	0.04113	0.0354	0.0726	0.06144	0.04157	0.07471
Row 5	0.05052	0.06653	0.0339	0.0895	0.0496	0.0638
Row 4	0.0128	0.0478	0.03852	0.07936	0.0604	0.0538
Row 3	0.07494	0.0513	0.06294	0.03855	0.06937	0.06002
Row 2	0.12813	0.0828	0.0642	0.0994	0.1185	0.07538
Row 1 - Root	0.1163	0.0905	0.081	0.0882	0.06014	0.06329

Record 106: DC Q-20 Alpha=26 Beta=0 FENCE ON

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.19073	-0.19072	-0.1827	-0.18896	-0.15373	-0.1454
Row 5	-0.18324	-0.17237	-0.1833	-0.1538	-0.1137	-0.1000
Row 4	-0.2215	-0.19503	-0.19298	-0.17304	-0.17827	-0.151
Row 3	-0.1876	-0.183	-0.17466	-0.1733	-0.16602	-0.15990
Row 2	-0.1608	-0.16783	-0.1759	-0.1505	-0.1517	-0.14072
Row 1 - Root	-0.1487	-0.15264	-0.1764	-0.1481	-0.15346	-0.15991

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.19016	-0.1791	-0.1832	-0.1625	-0.14458	-0.14981
Row 5	-0.19782	-0.1894	-0.1552	-0.1784	-0.1591	-0.1497
Row 4	-0.2007	-0.1996	-0.1853	-0.1711	-0.1772	-0.1576
Row 3	-0.20734	-0.2006	-0.198	-0.17025	-0.18748	-0.1665
Row 2	-0.21163	-0.21345	-0.1904	-0.2046	-0.23597	-0.1672
Row 1 - Root	-0.1964	-0.21071	-0.2071	-0.1965	-0.185	-0.1736

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.00057	-0.01162	0.0005	-0.02646	-0.00915	0.00441
Row 5	0.01456	0.01643	-0.0303	0.0245	-0.0246	0.0039
Row 4	-0.0208	0.00457	-0.00768	-0.00194	-0.00107	0.0066
Row 3	0.01974	0.0186	0.02334	-0.00495	0.02346	0.01558
Row 2	0.05083	0.04562	0.0145	0.0541	0.08427	0.02648
Row 1 - Root	0.0537	0.05807	0.0307	0.0484	0.02994	0.02889

Record 108: DC Q-20 Alpha=28 Beta=0 FENCE ON

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.19053	-0.19087	-0.1825	-0.19 66	-0.15703	-0.14985
Row 5	-0.18516	-0.17217	-0.1849	-0.1713	-0.1895	-0.1526
Row 4	-0.2172	-0.19196	-0.19068	-0.17404	-0.1817	-0.1536
Row 3	-0.1857	-0.1776	-0.17166	-0.176	-0.16648	-0.15284
Row 2	-0.157	-0.16479	-0.1746	-0.1515	-0.1554	-0.14533
Row 1 - Root	-0.1364	-0.14995	-0.1773	-0.15117	-0.15896	-0.14881

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.19626	-0.1824	-0.1875	-0.1676	-0.14797	-0.15671
Row 5	-0.20152	-0.1959	-0.1581	-0.1866	-0.1666	-0.1589
Row 4	-0.2087	-0.2088	-0.1907	-0.1803	-0.1873	-0.1656
Row 3	-0.21454	-0.2106	-0.2088	-0.18715	-0.19965	-0.1775
Row 2	-0.21953	-0.22025	-0.2029	-0.2185	-0.24665	-0.1758
Row 1 - Root	-0.2057	-0.2181	-0.2151	-0.2059	-0.1918	-0.1789

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	0.00573	-0.00847	0.005	-0.02406	-0.00906	0.00686
Row 5	0.01636	0.02373	-0.0268	0.0153	-0.0229	0.0063
Row 4	-0.0085	0.01684	0.00002	0.00626	0.0056	0.012
Row 3	0.02884	0.033	0.03714	0.01115	0.03317	0.02466
Row 2	0.06253	0.05546	0.0283	0.067	0.09125	0.03047
Row 1 - Root	0.0693	0.06815	0.0378	0.05473	0.03284	0.03009

Record 114: DC Q=33 Alpha=35 Beta=+16 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.38243	-0.3694	-0.3739	-0.36056	-0.35133	-0.3476
Row 5	-0.3539	-0.34207	-0.371	-0.348	-0.3717	-0.3438
Row 4	-0.3965	-0.3689	-0.37028	-0.34474	-0.3514	-0.3599
Row 3	-0.3894	-0.3625	-0.36316	-0.3493	-0.33892	-0.3388
Row 2	-0.332	-0.35715	-0.3653	-0.3375	-0.3245	-0.323
Row 1 - Root	-0.3776	-0.3688	-0.3691	-0.3342	-0.34466	-0.3578

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.34386	-0.3018	-0.3253	-0.3042	-0.2703	-0.28751
Row 5	-0.34742	-0.3372	-0.2814	-0.3184	-0.2873	-0.2944
Row 4	-0.3799	-0.3556	-0.3328	-0.2952	-0.3268	-0.318
Row 3	-0.39344	-0.3695	-0.3402	-0.28785	-0.31991	-0.3044
Row 2	-0.39843	-0.40005	-0.3548	-0.3226	-0.36058	-0.2919
Row 1 - Root	-0.3774	-0.3947	-0.3821	-0.3251	-0.307	-0.2994

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.03857	-0.0676	-0.0486	-0.05636	-0.08103	-0.06009
Row 5	-0.00648	-0.00487	-0.0896	-0.0296	-0.0844	-0.0474
Row 4	-0.0166	-0.0133	-0.03748	-0.04954	-0.0246	-0.0419
Row 3	0.01304	0.007	-0.02196	-0.06145	-0.01901	-0.02608
Row 2	0.06643	0.0429	-0.0105	-0.0149	0.03608	-0.0311
Row 1 - Root	-0.0002	0.0259	0.013	-0.0091	-0.03706	-0.02761

Record 116: DC Q=33 Alpha=35 Beta=+10 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.35773	-0.3559	-0.3625	-0.34466	-0.32173	-0.3227
Row 5	-0.3559	-0.33507	-0.3646	-0.3336	-0.3537	-0.3165
Row 4	-0.3939	-0.3629	-0.36338	-0.33534	-0.3452	-0.3454
Row 3	-0.369	-0.3638	-0.34406	-0.3556	-0.33364	-0.31698
Row 2	-0.3236	-0.3446	-0.3461	-0.3185	-0.3168	-0.30261
Row 1 - Root	-0.3686	-0.3449	-0.3398	-0.30712	-0.31656	-0.30451

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.39846	-0.3339	-0.3605	-0.337	-0.28984	-0.29941
Row 5	-0.40082	-0.388	-0.3394	-0.35	-0.3103	-0.3134
Row 4	-0.4015	-0.3937	-0.3736	-0.3321	-0.3614	-0.3413
Row 3	-0.39214	-0.3953	-0.353	-0.33095	-0.35813	-0.334
Row 2	-0.38923	-0.40175	-0.3891	-0.3821	-0.40615	-0.3367
Row 1 - Root	-0.368	-0.3901	-0.4048	-0.3904	-0.3592	-0.3384

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.04073	-0.022	-0.002	-0.00766	-0.03189	-0.02329
Row 5	0.04492	0.05293	-0.0252	0.0164	-0.0434	-0.0031
Row 4	0.0076	0.0308	0.01022	-0.00324	0.0162	-0.0041
Row 3	0.02314	0.0315	0.04124	-0.02465	0.02448	0.01702
Row 2	0.06563	0.05715	0.043	0.0636	0.08935	0.03409
Row 1 - Root	-0.0006	0.0452	0.065	0.08328	0.04264	0.03389

Record 118: DC Q=33 Alpha=35 Beta=+6 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.36713	-0.3592	-0.3561	-0.33376	-0.31803	-0.3064
Row 5	-0.37	-0.35707	-0.3619	-0.3261	-0.3403	-0.3193
Row 4	-0.4138	-0.3782	-0.37348	-0.33544	-0.3438	-0.3395
Row 3	-0.394	-0.3734	-0.35416	-0.3503	-0.33408	-0.31908
Row 2	-0.3381	-0.34993	-0.3473	-0.3195	-0.3209	-0.30223
Row 1 - Root	-0.3597	-0.3389	-0.3394	-0.30372	-0.31206	-0.30031

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.38126	-0.3685	-0.3991	-0.3596	-0.3232	-0.32541
Row 5	-0.37762	-0.379	-0.3599	-0.3865	-0.3435	-0.3316
Row 4	-0.3827	-0.3899	-0.3949	-0.3867	-0.3831	-0.3586
Row 3	-0.38714	-0.3858	-0.3934	-0.36385	-0.38308	-0.3549
Row 2	-0.37873	-0.41475	-0.3915	-0.4029	-0.43045	-0.359
Row 1 - Root	-0.3685	-0.3783	-0.4013	-0.3986	-0.3775	-0.3564

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.01413	0.0093	0.043	0.02584	0.00517	0.01901
Row 5	0.00762	0.02193	-0.002	0.0604	0.0034	0.0159
Row 4	-0.0311	0.0117	0.02142	0.05126	0.0393	0.0191
Row 3	-0.00686	0.0104	0.03924	0.00765	0.04823	0.03642
Row 2	0.04063	0.06482	0.0442	0.0834	0.10955	0.05677
Row 1 - Root	0.0088	0.0394	0.0619	0.09288	0.06464	0.05129

Record 120: DC Q=33 Alpha=35 Beta=+4 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.37803	-0.3588	-0.3477	-0.3056	-0.31613	-0.3055
Row 5	-0.3508	-0.33897	-0.3455	-0.3157	-0.3321	-0.2999
Row 4	-0.3928	-0.3583	-0.35198	-0.31974	-0.3322	-0.329
Row 3	-0.3707	-0.3518	-0.33026	-0.346	-0.3289	-0.32308
Row 2	-0.3202	-0.33388	-0.3369	-0.3105	-0.3143	-0.29822
Row 1 - Root	-0.3561	-0.3266	-0.3342	-0.30127	-0.30516	-0.29921

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.37016	-0.354	-0.3899	-0.3627	-0.3135	-0.31851
Row 5	-0.39002	-0.3836	-0.3422	-0.3739	-0.3444	-0.3314
Row 4	-0.3804	-0.3832	-0.3766	-0.3731	-0.3806	-0.3592
Row 3	-0.38404	-0.3822	-0.3762	-0.35615	-0.37696	-0.3505
Row 2	-0.38413	-0.39245	-0.3809	-0.3914	-0.4206	-0.3453
Row 1 - Root	-0.3717	-0.3822	-0.3988	-0.3913	-0.3731	-0.3464

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.00787	-0.0048	0.0422	0.03214	-0.00263	0.01301
Row 5	0.03922	0.04463	-0.0033	0.0582	0.0123	0.0315
Row 4	-0.0124	0.0249	0.02462	0.05336	0.0484	0.0302
Row 3	0.01334	0.0304	0.04594	0.01015	0.04807	0.02742
Row 2	0.06393	0.05858	0.044	0.0809	0.1063	0.04708
Row 1 - Root	0.0156	0.0556	0.0646	0.09003	0.06794	0.04719

Record 122: DC Q=33 Alpha=35 Beta=+2 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.35713	-0.3518	-0.3509	-0.34576	-0.31083	-0.3088
Row 5	-0.3584	-0.32947	-0.3311	-0.3211	-0.3332	-0.3338
Row 4	-0.4034	-0.3627	-0.35708	-0.32684	-0.338	-0.3338
Row 3	-0.3793	-0.383	-0.34394	-0.3493	-0.32974	-0.31349
Row 2	-0.3178	-0.33503	-0.3427	-0.3175	-0.3192	-0.2998
Row 1 - Root	-0.3374	-0.3176	-0.3314	-0.30298	-0.31884	-0.30991

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.37356	-0.3658	-0.3946	-0.3693	-0.3214	-0.33141
Row 5	-0.39002	-0.3746	-0.3637	-0.3791	-0.3401	-0.3367
Row 4	-0.3882	-0.3833	-0.3825	-0.3775	-0.3828	-0.3695
Row 3	-0.38344	-0.3815	-0.3813	-0.35475	-0.37951	-0.3562
Row 2	-0.38703	-0.39255	-0.3836	-0.3958	-0.42427	-0.3521
Row 1 - Root	-0.3833	-0.3883	-0.4023	-0.3885	-0.3694	-0.3524

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.01643	0.014	0.0437	0.02354	0.01057	0.02261
Row 5	0.03162	0.04513	0.0126	0.058	-0.0431	0.0349
Row 4	-0.0152	0.0206	0.02542	0.05066	0.0448	0.0357
Row 3	0.00414	0.0195	0.03734	0.00545	0.04976	0.04372
Row 2	0.06923	0.05752	0.0409	0.0783	0.10508	0.0523
Row 1 - Root	0.0559	0.0707	0.0709	0.08552	0.05914	0.02349

Record 124: DC Q=33 Alpha=35 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.35013	-0.3404	-0.3408	-0.32606	-0.31363	-0.3034
Row 5	-0.3451	-0.31667	-0.3387	-0.3142	-0.3812	-0.3158
Row 4	-0.3785	-0.3496	-0.34228	-0.32794	-0.3394	-0.3359
Row 3	-0.3595	-0.3514	-0.33826	-0.3463	-0.33307	-0.32878
Row 2	-0.301	-0.3247	-0.3375	-0.3115	-0.3178	-0.29833
Row 1 - Root	-0.3047	-0.3089	-0.3301	-0.30168	-0.30946	-0.32711

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.38246	-0.3913	-0.4021	-0.3795	-0.3319	-0.33331
Row 5	-0.37562	-0.377	-0.3719	-0.3935	-0.3533	-0.3464
Row 4	-0.3867	-0.3855	-0.3807	-0.391	-0.3955	-0.382
Row 3	-0.38154	-0.3831	-0.3793	-0.37115	-0.39383	-0.3744
Row 2	-0.39303	-0.39025	-0.3853	-0.3963	-0.43428	-0.3683
Row 1 - Root	-0.3844	-0.388	-0.4013	-0.3941	-0.3772	-0.3614

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.03233	0.0509	0.0613	0.05344	0.01827	0.02991
Row 5	0.03052	0.06033	0.0332	0.0793	-0.0279	0.0306
Row 4	0.0082	0.0359	0.03842	0.06306	0.0561	0.0461
Row 3	0.02204	0.0317	0.04104	0.02485	0.06076	0.04562
Row 2	0.09203	0.06555	0.0478	0.0848	0.11648	0.06997
Row 1 - Root	0.0797	0.0791	0.0712	0.09242	0.06774	0.03429

Record 126: DC Q=33 Alpha=35 Beta=-2 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.35653	-0.3518	-0.3556	-0.33936	-0.32803	-0.3125
Row 5	-0.352	-0.31747	-0.3179	-0.3156	-0.3118	-0.2988
Row 4	-0.3703	-0.3395	-0.33698	-0.31784	-0.3349	-0.3351
Row 3	-0.331	-0.3283	-0.32196	-0.3423	-0.32823	-0.3288
Row 2	-0.2646	-0.30002	-0.3214	-0.3085	-0.3182	-0.29899
Row 1 - Root	-0.2685	-0.28379	-0.3228	-0.30831	-0.31898	-0.29899

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.38396	-0.3733	-0.4117	-0.3855	-0.3402	-0.34931
Row 5	-0.39522	-0.3776	-0.3719	-0.3916	-0.3695	-0.3582
Row 4	-0.3979	-0.39	-0.3846	-0.384	-0.3898	-0.3817
Row 3	-0.40744	-0.3833	-0.3819	-0.37065	-0.39239	-0.3738
Row 2	-0.41573	-0.39005	-0.3817	-0.4029	-0.43533	-0.3704
Row 1 - Root	-0.4139	-0.3982	-0.4045	-0.3978	-0.3781	-0.3664

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.02743	0.0215	0.0561	0.04614	0.01217	0.03681
Row 5	0.04322	0.06013	0.034	0.072	-0.0137	0.043
Row 4	0.0276	0.0505	0.04762	0.06616	0.0549	0.0466
Row 3	0.07644	0.055	0.05994	0.02815	0.06247	0.04972
Row 2	0.15113	0.09003	0.0603	0.0944	0.11713	0.07141
Row 1 - Root	0.1536	0.11241	0.0819	0.09459	0.06804	0.03619

Record 128: DC Q=33 Alpha=35 Beta=-4 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.32013	-0.3233	-0.3339	-0.32396	-0.31483	-0.3105
Row 5	-0.30459	-0.28707	-0.3207	-0.3125	-0.3852	-0.3208
Row 4	-0.3034	-0.29418	-0.32338	-0.31724	-0.3333	-0.3354
Row 3	-0.2673	-0.2928	-0.31346	-0.346	-0.32997	-0.31498
Row 2	-0.2189	-0.27784	-0.3235	-0.3185	-0.3256	-0.30636
Row 1 - Root	-0.217	-0.27614	-0.3294	-0.313	-0.32296	-0.31211

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.41456	-0.3792	-0.4097	-0.3894	-0.3425	-0.34931
Row 5	-0.41512	-0.3903	-0.3619	-0.402	-0.3615	-0.3571
Row 4	-0.4243	-0.4027	-0.3989	-0.4009	-0.4044	-0.3819
Row 3	-0.44644	-0.4058	-0.3996	-0.38835	-0.40438	-0.3794
Row 2	-0.46243	-0.42285	-0.4056	-0.4213	-0.44535	-0.3799
Row 1 - Root	-0.4763	-0.4417	-0.4235	-0.3996	-0.3778	-0.3674

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.09443	0.0559	0.0758	0.06344	0.02767	0.03881
Row 5	0.11053	0.10323	0.0412	0.0395	-0.0237	0.0363
Row 4	0.1209	0.10852	0.07552	0.08366	0.0711	0.0465
Row 3	0.17914	0.113	0.08614	0.04235	0.07441	0.06442
Row 2	0.24353	0.15501	0.0821	0.1028	0.11975	0.07354
Row 1 - Root	0.2593	0.16556	0.0941	0.0866	0.05484	0.05529

Record 130: DC Q=33 Alpha=35 Beta=-6 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.29693	-0.3056	-0.3293	-0.32636	-0.32613	-0.3106
Row 5	-0.27693	-0.27587	-0.3197	-0.3234	-0.3292	-0.3113
Row 4	-0.2962	-0.29796	-0.33068	-0.32544	-0.3382	-0.3392
Row 3	-0.2489	-0.2928	-0.31946	-0.3529	-0.33632	-0.3389
Row 2	-0.2047	-0.27536	-0.3275	-0.3215	-0.3261	-0.30651
Row 1 - Root	-0.2023	-0.27645	-0.3352	-0.3131	-0.31856	-0.3081

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.40406	-0.4036	-0.4102	-0.3821	-0.3356	-0.34201
Row 5	-0.40072	-0.4029	-0.3686	-0.3866	-0.3432	-0.3406
Row 4	-0.4126	-0.3903	-0.3938	-0.3854	-0.3901	-0.3735
Row 3	-0.44524	-0.3943	-0.3962	-0.37425	-0.39372	-0.3724
Row 2	-0.44683	-0.43705	-0.3944	-0.4075	-0.43813	-0.3721
Row 1 - Root	-0.4511	-0.4251	-0.4087	-0.3995	-0.379	-0.3644

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.10713	0.098	0.0809	0.05574	0.00947	0.03141
Row 5	0.12377	0.12703	0.0489	0.0632	-0.052	0.0293
Row 4	0.1164	0.09234	0.06312	0.05996	0.0519	0.0343
Row 3	0.19634	0.1015	0.07674	0.02135	0.0572	0.04352
Row 2	0.24213	0.16169	0.0669	0.086	0.11203	0.06559
Row 1 - Root	0.2486	0.14865	0.0735	0.0864	0.06044	0.05489

Record 132: DC Q=33 Alpha=35 Beta=-10 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.27713	-0.2856	-0.3249	-0.32276	-0.32803	-0.3052
Row 5	-0.23419	-0.26007	-0.3199	-0.3285	-0.4012	-0.3258
Row 4	-0.2571	-0.28908	-0.32308	-0.33194	-0.34	-0.3427
Row 3	-0.2391	-0.3009	-0.32146	-0.3579	-0.336	-0.31708
Row 2	-0.2083	-0.29275	-0.3471	-0.3295	-0.329	-0.30845
Row 1 - Root	-0.2124	-0.3147	-0.359	-0.3236	-0.32556	-0.31341

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.45666	-0.4132	-0.4155	-0.3864	-0.3423	-0.34591
Row 5	-0.44902	-0.4169	-0.3739	-0.3898	-0.3609	-0.3442
Row 4	-0.4531	-0.4176	-0.3936	-0.3808	-0.3878	-0.3679
Row 3	-0.45944	-0.4212	-0.3555	-0.35145	-0.37895	-0.3562
Row 2	-0.49443	-0.47915	-0.3897	-0.3841	-0.41635	-0.353
Row 1 - Root	-0.5501	-0.4842	-0.4097	-0.3746	-0.3552	-0.3474

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.17953	0.1276	0.0906	0.06364	0.01427	0.04071
Row 5	0.21483	0.15683	0.054	0.0613	-0.0403	0.0184
Row 4	0.196	0.12852	0.07052	0.04886	0.0478	0.0252
Row 3	0.22034	0.1203	0.06714	-0.00245	0.04296	0.03912
Row 2	0.28613	0.1864	0.0426	0.0546	0.08735	0.04455
Row 1 - Root	0.3377	0.1695	0.0507	0.051	0.02964	0.03399

Record 134: DC Q=33 Alpha=35 Beta=-16 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.34443	-0.33	-0.3635	-0.35996	-0.36193	-0.3188
Row 5	-0.3206	-0.33247	-0.3613	-0.3516	-0.3482	-0.3223
Row 4	-0.3494	-0.3626	-0.37668	-0.35444	-0.3512	-0.3451
Row 3	-0.3418	-0.3706	-0.37814	-0.3816	-0.35102	-0.3509
Row 2	-0.3084	-0.35693	-0.3814	-0.3525	-0.3424	-0.3251
Row 1 - Root	-0.3537	-0.3673	-0.3762	-0.3463	-0.34656	-0.3209

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.46276	-0.4257	-0.4208	-0.3899	-0.3661	-0.36351
Row 5	-0.46172	-0.4212	-0.3568	-0.3792	-0.3564	-0.3383
Row 4	-0.4502	-0.4018	-0.3827	-0.3748	-0.3843	-0.3549
Row 3	-0.45414	-0.4024	-0.3741	-0.34785	-0.36848	-0.3415
Row 2	-0.43563	-0.41995	-0.3693	-0.3713	-0.40025	-0.3365
Row 1 - Root	-0.426	-0.4009	-0.3836	-0.3523	-0.3336	-0.3264

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.11833	0.0957	0.0573	0.02994	0.00417	0.04471
Row 5	0.14112	0.08833	-0.0045	0.0276	-0.0578	-0.004
Row 4	0.1008	0.0392	0.00602	0.02036	0.0331	0.0098
Row 3	0.11234	0.0318	-0.00406	-0.03375	0.01746	0.01262
Row 2	0.12723	0.06302	-0.0121	0.0188	0.05785	0.0114
Row 1 - Root	0.0723	0.0336	0.0074	0.006	-0.01106	-0.02961

Record 136: DC Q=33 Alpha=30 Beta=+16 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.37443	-0.3551	-0.3632	-0.34416	-0.31883	-0.3161
Row 5	-0.3372	-0.32397	-0.3561	-0.3175	-0.3982	-0.3198
Row 4	-0.374	-0.3486	-0.35118	-0.33254	-0.3359	-0.3456
Row 3	-0.3461	-0.3363	-0.34616	-0.3334	-0.32547	-0.31878
Row 2	-0.3028	-0.32993	-0.3481	-0.3225	-0.3138	-0.31344
Row 1 - Root	-0.3479	-0.3325	-0.3474	-0.3227	-0.33316	-0.31741

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.21616	-0.2284	-0.2924	-0.2928	-0.25883	-0.27641
Row 5	-0.27152	-0.2599	-0.2138	-0.2918	-0.2678	-0.2722
Row 4	-0.318	-0.2789	-0.2697	-0.2632	-0.3095	-0.3002
Row 3	-0.34404	-0.2956	-0.2778	-0.25995	-0.29749	-0.2893
Row 2	-0.34913	-0.32715	-0.2755	-0.2827	-0.3312	-0.2777
Row 1 - Root	-0.3391	-0.3377	-0.3234	-0.2742	-0.2709	-0.2684

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.15827	-0.1267	-0.0708	-0.05136	-0.06	-0.03969
Row 5	-0.06568	-0.06407	-0.1423	-0.0257	-0.1304	-0.0476
Row 4	-0.056	-0.0697	-0.08148	-0.06934	-0.0264	-0.0454
Row 3	-0.00206	-0.0407	-0.06836	-0.07345	-0.02798	-0.02948
Row 2	0.04633	-0.00278	-0.0726	-0.0398	0.0174	-0.03574
Row 1 - Root	-0.0088	0.0052	-0.024	-0.0485	-0.06226	-0.04901

Record 138: DC Q=33 Alpha=30 Beta=+10 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.35793	-0.3343	-0.381	-0.32816	-0.30093	-0.2967
Row 5	-0.3311	-0.31607	-0.3467	-0.3138	-0.378	-0.3063
Row 4	-0.3792	-0.3482	-0.34228	-0.32074	-0.3252	-0.3243
Row 3	-0.362	-0.3496	-0.33346	-0.3173	-0.30894	-0.29748
Row 2	-0.3173	-0.33485	-0.3347	-0.3025	-0.2956	-0.28531
Row 1 - Root	-0.3619	-0.3378	-0.3334	-0.29354	-0.29968	-0.28371

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.29016	-0.2725	-0.3037	-0.2878	-0.24611	-0.26841
Row 5	-0.33952	-0.3201	-0.278	-0.2976	-0.2635	-0.2705
Row 4	-0.3629	-0.3433	-0.3154	-0.2711	-0.3114	-0.2614
Row 3	-0.38184	-0.3419	-0.3224	-0.26915	-0.30078	-0.2838
Row 2	-0.36753	-0.37365	-0.3276	-0.3041	-0.33877	-0.2726
Row 1 - Root	-0.3362	-0.3654	-0.371	-0.3155	-0.2923	-0.2694

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.06777	-0.0618	-0.0773	-0.04036	-0.05482	-0.02829
Row 5	0.00842	0.00403	-0.0687	-0.0162	-0.1125	-0.036
Row 4	-0.0163	-0.0049	-0.02688	-0.04964	-0.0138	-0.0629
Row 3	0.01984	-0.0077	-0.01106	-0.04835	-0.00816	-0.01368
Row 2	0.05023	0.0388	-0.0071	0.0016	0.04317	-0.01271
Row 1 - Root	-0.0257	0.0276	0.0376	0.02196	-0.00756	-0.01431

Record 140: DC Q=33 Alpha=30 Beta=+6 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.34123	-0.3412	-0.3882	-0.32146	-0.29163	-0.2847
Row 5	-0.3496	-0.33877	-0.3489	-0.3037	-0.3135	-0.2727
Row 4	-0.3917	-0.3626	-0.34528	-0.31614	-0.317	-0.3123
Row 3	-0.3668	-0.3526	-0.33656	-0.3331	-0.30745	-0.28878
Row 2	-0.3109	-0.32662	-0.3283	-0.2925	-0.2909	-0.27327
Row 1 - Root	-0.3395	-0.3147	-0.3171	-0.2798	-0.28676	-0.27751

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.33066	-0.32	-0.3524	-0.322	-0.27152	-0.28201
Row 5	-0.34972	-0.3314	-0.3088	-0.3367	-0.2935	-0.288
Row 4	-0.3562	-0.3559	-0.3298	-0.3091	-0.3337	-0.309
Row 3	-0.36274	-0.361	-0.3445	-0.30525	-0.32955	-0.3033
Row 2	-0.36003	-0.37035	-0.3562	-0.3479	-0.37595	-0.3054
Row 1 - Root	-0.3394	-0.3609	-0.3769	-0.3609	-0.335	-0.3054

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.01057	-0.0212	-0.0358	0.00054	-0.02011	-0.00269
Row 5	0.00012	-0.00737	-0.0401	0.033	-0.02	0.0153
Row 4	-0.0355	-0.0067	-0.01548	-0.00704	0.0167	-0.0033
Row 3	-0.00406	0.0084	0.00794	-0.02785	0.02211	0.01452
Row 2	0.04913	0.04373	0.0279	0.0554	0.08505	0.03213
Row 1 - Root	-0.0001	0.0462	0.0598	0.0811	0.04824	0.02789

Record 142: DC Q-33 Alpha=30 Beta=+4 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.34553	-0.345	-0.3804	-0.31906	-0.28593	-0.2771
Row 5	-0.3468	-0.33927	-0.3472	-0.3088	-0.2879	-0.2789
Row 4	-0.3811	-0.3501	-0.33428	-0.30934	-0.3111	-0.3053
Row 3	-0.326	-0.3348	-0.31076	-0.3237	-0.29819	-0.2908
Row 2	-0.3018	-0.3129	-0.3128	-0.2815	-0.2828	-0.26299
Row 1 - Root	-0.3104	-0.3082	-0.3016	-0.27012	-0.27728	-0.2681

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.31576	-0.303	-0.3388	-0.3146	-0.26532	-0.27231
Row 5	-0.32802	-0.3204	-0.2964	-0.3268	-0.2785	-0.2718
Row 4	-0.3653	-0.3499	-0.3406	-0.3041	-0.325	-0.3056
Row 3	-0.37274	-0.3518	-0.3408	-0.30215	-0.32234	-0.2967
Row 2	-0.37483	-0.37835	-0.3586	-0.3382	-0.36553	-0.2923
Row 1 - Root	-0.3619	-0.3716	-0.3855	-0.3382	-0.3141	-0.2974

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.02977	-0.042	-0.0416	-0.00446	-0.02061	-0.00479
Row 5	-0.01878	-0.01887	-0.0508	0.028	-0.0694	0.0079
Row 4	-0.0158	-0.0002	0.00632	-0.00524	0.0139	0.0003
Row 3	0.01674	0.015	0.03004	-0.02155	0.02315	0.01752
Row 2	0.07303	0.06545	0.0458	0.0567	0.08272	0.02931
Row 1 - Root	0.0513	0.0714	0.0839	0.06808	0.03684	0.03099

Record 144: DC Q-33 Alpha=30 Beta=+2 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.33923	-0.3364	-0.3482	-0.32296	-0.27983	-0.2729
Row 5	-0.3419	-0.33217	-0.3387	-0.294	-0.3448	-0.2768
Row 4	-0.3853	-0.3518	-0.34118	-0.30364	-0.308	-0.3043
Row 3	-0.3571	-0.3382	-0.31726	-0.3221	-0.29814	-0.27898
Row 2	-0.2919	-0.30796	-0.3113	-0.2735	-0.2835	-0.26264
Row 1 - Root	-0.286	-0.29044	-0.3011	-0.26907	-0.27486	-0.26481

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.34276	-0.3346	-0.3577	-0.3009	-0.27201	-0.27901
Row 5	-0.34592	-0.3431	-0.3344	-0.3424	-0.293	-0.2849
Row 4	-0.3641	-0.3616	-0.3584	-0.3431	-0.3381	-0.3166
Row 3	-0.36334	-0.3633	-0.3579	-0.32705	-0.34118	-0.314
Row 2	-0.36583	-0.37245	-0.3504	-0.3575	-0.38555	-0.3163
Row 1 - Root	-0.3606	-0.3683	-0.381	-0.3589	-0.3332	-0.3154

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.00353	-0.0018	0.0095	-0.02206	-0.00782	0.00611
Row 5	0.00402	0.01093	-0.0043	0.0484	-0.0518	0.0081
Row 4	-0.0212	0.0098	0.01722	0.03946	0.0301	0.0123
Row 3	0.00624	0.0251	0.04054	0.00495	0.04303	0.03502
Row 2	0.07393	0.06449	0.0391	0.084	0.10205	0.05366
Row 1 - Root	0.0746	0.07786	0.0799	0.08983	0.05834	0.05059

Record 146: DC Q=33 Alpha=30 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.32973	-0.3211	-0.3298	-0.30396	-0.27603	-0.2703
Row 5	-0.3299	-0.30377	-0.3231	-0.2885	-0.2447	-0.2629
Row 4	-0.3645	-0.33	-0.31808	-0.29834	-0.3038	-0.3003
Row 3	-0.3297	-0.313	-0.29336	-0.3135	-0.29489	-0.27638
Row 2	-0.2654	-0.28711	-0.2992	-0.2715	-0.2839	-0.2622
Row 1 - Root	-0.2522	-0.27083	-0.2958	-0.26847	-0.27586	-0.25883

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.37856	-0.3329	-0.3607	-0.329	-0.27906	-0.29001
Row 5	-0.37482	-0.3497	-0.3345	-0.3434	-0.2989	-0.2917
Row 4	-0.3696	-0.3676	-0.3657	-0.347	-0.3441	-0.3235
Row 3	-0.36684	-0.3677	-0.3685	-0.32835	-0.34678	-0.3206
Row 2	-0.37143	-0.37285	-0.3678	-0.3709	-0.39408	-0.3205
Row 1 - Root	-0.3648	-0.3671	-0.3818	-0.3676	-0.342	-0.3224

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.04883	0.0118	0.0309	0.02504	0.00303	0.01971
Row 5	0.04492	0.04593	0.0114	0.0549	-0.0458	0.0278
Row 4	0.0051	0.0376	0.04762	0.04866	0.0403	0.0232
Row 3	0.03714	0.0547	0.07514	0.01285	0.05189	0.04422
Row 2	0.10603	0.08574	0.0686	0.0994	0.11018	0.0583
Row 1 - Root	0.1126	0.09627	0.0862	0.09913	0.06614	0.05539

Record 148: DC Q=33 Alpha=30 Beta=-2 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.32673	-0.317	-0.3337	-0.30296	-0.27753	-0.2716
Row 5	-0.31185	-0.30197	-0.3143	-0.2872	-0.347	-0.2811
Row 4	-0.3278	-0.30248	-0.30068	-0.29134	-0.3015	-0.2977
Row 3	-0.2997	-0.2927	-0.28556	-0.2925	-0.28647	-0.27498
Row 2	-0.2322	-0.26899	-0.2944	-0.2695	-0.2769	-0.26146
Row 1 - Root	-0.2117	-0.25665	-0.2943	-0.26918	-0.27836	-0.26971

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.37686	-0.3434	-0.3698	-0.3133	-0.28268	-0.29111
Row 5	-0.34932	-0.3501	-0.3227	-0.3502	-0.31	-0.3097
Row 4	-0.3458	-0.356	-0.3614	-0.3497	-0.3525	-0.3359
Row 3	-0.35784	-0.3538	-0.3575	-0.33945	-0.35678	-0.3333
Row 2	-0.38373	-0.36735	-0.353	-0.372	-0.40188	-0.332
Row 1 - Root	-0.3716	-0.3703	-0.3773	-0.3651	-0.3474	-0.3284

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.05013	0.0264	0.0361	0.01034	0.00515	0.01951
Row 5	0.03747	0.04813	0.0084	0.063	-0.037	0.0286
Row 4	0.018	0.05352	0.06072	0.05836	0.051	0.0382
Row 3	0.05814	0.0611	0.07194	0.04695	0.07031	0.05832
Row 2	0.15153	0.09836	0.0586	0.1025	0.12498	0.07054
Row 1 - Root	0.1599	0.11365	0.083	0.09592	0.06904	0.05869

Record 150: DC Q=33 Alpha=30 Beta=-4 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.30423	-0.3048	-0.3499	-0.30546	-0.28353	-0.278
Row 5	-0.29111	-0.27707	-0.31	-0.2892	-0.3321	-0.2724
Row 4	-0.3071	-0.29339	-0.29708	-0.29314	-0.3018	-0.2989
Row 3	-0.2619	-0.2725	-0.27916	-0.3112	-0.39584	-0.2889
Row 2	-0.193	-0.2505	-0.29	-0.2795	-0.2865	-0.26548
Row 1 - Root	-0.1712	-0.2444	-0.2972	-0.27305	-0.34406	-0.2700

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.35006	-0.3393	-0.3673	-0.3142	-0.28577	-0.29611
Row 5	-0.34832	-0.3676	-0.3189	-0.3499	-0.3065	-0.3025
Row 4	-0.3634	-0.3548	-0.3574	-0.3557	-0.3561	-0.3317
Row 3	-0.38384	-0.3557	-0.3551	-0.33165	-0.35509	-0.3337
Row 2	-0.39363	-0.37305	-0.3523	-0.373	-0.39893	-0.3293
Row 1 - Root	-0.4024	-0.3795	-0.3823	-0.3604	-0.3424	-0.3254

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.04583	0.0345	0.0174	0.00874	0.00224	0.01811
Row 5	0.05721	0.09053	0.0089	0.0607	-0.0456	0.0301
Row 4	0.0563	0.06141	0.06032	0.06256	0.0543	0.0328
Row 3	0.12194	0.0832	0.07594	0.02045	0.06125	0.05782
Row 2	0.20063	0.12255	0.0623	0.0935	0.11243	0.06382
Row 1 - Root	0.2312	0.13301	0.0845	0.08535	0.05834	0.05169

Record 152: DC Q=33 Alpha=30 Beta=-6 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.28833	-0.2927	-0.3265	-0.30196	-0.28653	-0.2763
Row 5	-0.25673	-0.25807	-0.2995	-0.2906	-0.3583	-0.2768
Row 4	-0.2623	-0.27052	-0.29298	-0.29754	-0.307	-0.3074
Row 3	-0.222	-0.2586	-0.27986	-0.301	-0.29585	-0.28518
Row 2	-0.1665	-0.24447	-0.2985	-0.2905	-0.2902	-0.27702
Row 1 - Root	-0.1584	-0.25428	-0.311	-0.28725	-0.29536	-0.28331

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.36986	-0.3499	-0.3862	-0.3253	-0.30028	-0.31411
Row 5	-0.35742	-0.3641	-0.3246	-0.3634	-0.3228	-0.3224
Row 4	-0.3657	-0.3466	-0.3525	-0.3583	-0.3627	-0.3456
Row 3	-0.38474	-0.3528	-0.3476	-0.33695	-0.35778	-0.3343
Row 2	-0.39713	-0.38325	-0.3489	-0.3631	-0.39718	-0.3336
Row 1 - Root	-0.3962	-0.3681	-0.3725	-0.3603	-0.3416	-0.3284

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.08153	0.0572	0.0597	0.02334	0.01375	0.03781
Row 5	0.10069	0.10603	0.0251	0.0728	-0.0355	0.0456
Row 4	0.1034	0.07608	0.05952	0.06076	0.0557	0.0382
Row 3	0.16274	0.0942	0.06774	0.03595	0.06194	0.04912
Row 2	0.23063	0.13878	0.0504	0.0726	0.10698	0.05678
Row 1 - Root	0.2378	0.11382	0.0615	0.07305	0.04624	0.04509

Record 154: DC Q=33 Alpha=30 Beta=-10 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.26753	-0.2716	-0.3116	-0.30206	-0.30603	-0.2737
Row 5	-0.21812	-0.24267	-0.3018	-0.3045	-0.3022	-0.2791
Row 4	-0.2239	-0.27065	-0.30418	-0.30844	-0.3088	-0.3073
Row 3	-0.2013	-0.2594	-0.30006	-0.3389	-0.30469	-0.2888
Row 2	-0.169	-0.25874	-0.3217	-0.3015	-0.2981	-0.27422
Row 1 - Root	-0.1703	-0.20485	-0.3367	-0.29727	-0.29996	-0.30001

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.40866	-0.3825	-0.3875	-0.3548	-0.30496	-0.32911
Row 5	-0.41302	-0.3815	-0.3461	-0.3573	-0.3315	-0.3139
Row 4	-0.4232	-0.3761	-0.3535	-0.3433	-0.3426	-0.3209
Row 3	-0.43794	-0.3994	-0.3533	-0.31235	-0.33297	-0.3088
Row 2	-0.46973	-0.45265	-0.3562	-0.3392	-0.36813	-0.3026
Row 1 - Root	-0.5355	-0.4877	-0.3889	-0.3336	-0.3087	-0.3044

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.14113	0.1109	0.0759	0.05274	-0.00107	0.05541
Row 5	0.1949	0.13883	0.0443	0.0508	-0.0412	0.0348
Row 4	0.1993	0.10545	0.04932	0.03486	0.0338	0.0136
Row 3	0.23664	0.14	0.05294	-0.01855	0.02827	0.02782
Row 2	0.30073	0.19391	0.0345	0.0377	0.07003	0.02838
Row 1 - Root	0.3652	0.20285	0.0522	0.03633	0.00934	0.02439

Steady Inside, Outside, and Differential Pressure Coefficients

Steady pressure coefficients are listed for every transducer station from each test condition. Pressure coefficients from each test condition are divided into three sections: Inside, Outside, and Difference. The relevant dynamic pressure, angle-of-attack, angle-of-sideslip, and use of the LEX fence are listed above the pressure coefficient tables for each test condition.

Record 9: DC Q=33 Alpha=20 Beta=0 FENCE OFF

DIFFERENCE	Column 1-I.E.	Column 2	Column 3	Column 4	Column 5	Column 6-7
Row 6 - Tip	-1.137	-0.816	-0.528	-0.303	-0.313	-0.268
Row 5	-1.041	-0.749	-0.476	-0.323	-0.484	-0.17
Row 4	-0.64	-0.587	-0.524	-0.35	-0.361	-0.382
Row 3	-0.349	-0.52	-0.41	-0.4	-0.328	-0.264
Row 2	-0.107	-0.351	-0.439	-0.377	-0.287	-0.241
Row 1 - Root	0.027	-0.339	-0.387	-0.318	-0.279	-0.235

OUTSIDE Surface	Column 1-I.E.	Column 2	Column 3	Column 4	Column 5	Column 6-7
Row 6 - Tip	-0.15	-0.327	-0.511	-0.435	-0.363	-0.242
Row 5	-0.414	-0.517	-0.422	-0.398	-0.308	-0.298
Row 4	-0.578	-0.576	-0.534	-0.455	-0.398	-0.38
Row 3	-0.716	-0.613	-0.597	-0.37	-0.4	-0.274
Row 2	-0.859	-0.597	-0.49	-0.456	-0.557	-0.357
Row 1 - Root	-0.884	-0.655	-0.603	-0.533	-0.418	-0.399

DIFFERENCE	Column 1-I.E.	Column 2	Column 3	Column 4	Column 5	Column 6-7
Row 6 - Tip	-0.98649	-0.48873	-0.01745	0.13283	0.05005	-0.02657
Row 5	-0.62653	-0.23201	-0.05367	0.07462	-0.17629	0.12873
Row 4	-0.06196	-0.01135	0.01012	0.10499	0.03665	-0.00218
Row 3	0.36759	0.09295	0.18694	-0.02987	0.07156	0.00969
Row 2	0.75155	0.24524	0.05018	0.07898	0.26978	0.11564
Row 1 - Root	0.91025	0.31549	0.21556	0.21469	0.13937	0.16403

Record 11: DC Q=33 Alpha=24 Beta=0 FENCE OFF

DIFFERENCE	Column 1-I.E.	Column 2	Column 3	Column 4	Column 5	Column 6-7
Row 6 - Tip	-0.473	-0.477	-0.419	-0.44	-0.326	-0.261
Row 5	-0.452	-0.427	-0.414	-0.295	-0.237	-0.213
Row 4	-0.542	-0.466	-0.462	-0.311	-0.334	-0.372
Row 3	-0.305	-0.377	-0.292	-0.426	-0.312	-0.234
Row 2	-0.089	-0.259	-0.311	-0.295	-0.255	-0.227
Row 1 - Root	-0.02	-0.259	-0.312	-0.261	-0.239	-0.23

OUTSIDE Surface	Column 1-I.E.	Column 2	Column 3	Column 4	Column 5	Column 6-7
Row 6 - Tip	-0.563	-0.371	-0.486	-0.432	-0.304	-0.255
Row 5	-0.64	-0.533	-0.398	-0.387	-0.275	-0.315
Row 4	-0.71	-0.568	-0.497	-0.31	-0.362	-0.376
Row 3	-0.701	-0.633	-0.579	-0.353	-0.415	-0.322
Row 2	-0.709	-0.747	-0.6	-0.51	-0.622	-0.412
Row 1 - Root	-0.744	-0.662	-0.699	-0.595	-0.453	-0.46

DIFFERENCE	Column 1-I.E.	Column 2	Column 3	Column 4	Column 5	Column 6-7
Row 6 - Tip	0.09002	-0.10604	0.06633	-0.00768	-0.02195	-0.00607
Row 5	0.18772	0.10617	-0.01527	0.09207	0.0384	0.10211
Row 4	0.16756	0.10167	0.035	-0.00105	0.02749	0.00393
Row 3	0.39683	0.25571	0.28643	-0.07264	0.10238	0.08736
Row 2	0.6202	0.48775	0.28887	0.21513	0.36731	0.18467
Row 1 - Root	0.72436	0.4032	0.38662	0.33382	0.21399	0.23036

Record 12: DC Q=33 Alpha=26 Beta=0 FENCE OFF

INSIDE Surface	Column 1-L-E	Column 2	Column 3	Column 4	Column 5	Column 6-TB
Row 6 - Tip	-0.437	-0.389	-0.383	-0.437	-0.325	-0.276
Row 5	-0.418	-0.447	-0.38	-0.29	-0.356	-0.308
Row 4	-0.459	-0.393	-0.4	-0.295	-0.336	-0.386
Row 3	-0.274	-0.333	-0.3	-0.418	-0.317	-0.258
Row 2	-0.06	-0.221	-0.28	-0.281	-0.261	-0.237
Row 1 - Root	-0.007	-0.213	-0.276	-0.337	-0.22	-0.28

OUTSIDE Surface	Column 1-L-E	Column 2	Column 3	Column 4	Column 5	Column 6-TB
Row 6 - Tip	-0.651	-0.545	-0.545	-0.494	-0.346	-0.303
Row 5	-0.698	-0.573	-0.457	-0.46	-0.389	-0.357
Row 4	-0.698	-0.574	-0.547	-0.51	-0.458	-0.485
Row 3	-0.735	-0.626	-0.604	-0.457	-0.499	-0.394
Row 2	-0.766	-0.707	-0.576	-0.581	-0.688	-0.47
Row 1 - Root	-0.79	-0.672	-0.68	-0.608	-0.489	-0.495

DIFFERENCE	Column 1-L-E	Column 2	Column 3	Column 4	Column 5	Column 6-TB
Row 6 - Tip	0.21395	0.15535	0.16233	0.05734	0.02038	0.02666
Row 5	0.28067	0.12668	0.07724	0.16975	0.13309	0.11084
Row 4	0.23956	0.18065	0.14627	0.21495	0.12218	0.09905
Row 3	0.46097	0.29367	0.30388	0.0382	0.18196	0.13972
Row 2	0.70617	0.48622	0.29585	0.29935	0.42775	0.23297
Row 1 - Root	0.78284	0.46036	0.40407	0.37178	0.26854	0.27487

Record 15: DC Q=33 Alpha=28 Beta=0 FENCE OFF

INSIDE Surface	Column 1-L-E	Column 2	Column 3	Column 4	Column 5	Column 6-TB
Row 6 - Tip	-0.435	-0.459	-0.47	-0.508	-0.32	-0.295
Row 5	-0.431	-0.416	-0.415	-0.304	-0.444	-0.235
Row 4	-0.532	-0.433	-0.423	-0.305	-0.345	-0.399
Row 3	-0.327	-0.36	-0.268	-0.415	-0.319	-0.248
Row 2	-0.137	-0.259	-0.298	-0.281	-0.27	-0.247
Row 1 - Root	-0.064	-0.239	-0.298	-0.25	-0.236	-0.245

OUTSIDE Surface	Column 1-L-E	Column 2	Column 3	Column 4	Column 5	Column 6-TB
Row 6 - Tip	-0.728	-0.5	-0.576	-0.495	-0.328	-0.303
Row 5	-0.762	-0.658	-0.385	-0.472	-0.329	-0.368
Row 4	-0.692	-0.652	-0.611	-0.564	-0.494	-0.518
Row 3	-0.686	-0.669	-0.665	-0.481	-0.531	-0.432
Row 2	-0.756	-0.633	-0.607	-0.604	-0.719	-0.504
Row 1 - Root	-0.838	-0.691	-0.739	-0.629	-0.505	-0.709

DIFFERENCE	Column 1-L-E	Column 2	Column 3	Column 4	Column 5	Column 6-TB
Row 6 - Tip	0.29249	0.04102	0.10647	-0.01248	0.00816	0.00833
Row 5	0.33129	0.24188	-0.02924	0.168	-0.11476	0.13353
Row 4	0.15927	0.21905	0.1886	0.25903	0.1488	0.11956
Row 3	0.35887	0.30895	0.3977	0.06569	0.21169	0.18336
Row 2	0.61977	0.37396	0.30895	0.32291	0.44891	0.25702
Row 1 - Root	0.77367	0.45207	0.44116	0.37876	0.26897	0.46381

Record 17: DC Q-33 Alpha=30 Beta=0 FENCE OFF

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.388	-0.411	-0.385	-0.405	-0.314	-0.265
Row 5	-0.379	-0.391	-0.366	-0.38	-0.299	-0.25
Row 4	-0.475	-0.391	-0.4	-0.309	-0.354	-0.403
Row 3	-0.399	-0.328	-0.266	-0.421	-0.331	-0.298
Row 2	-0.092	-0.239	-0.298	-0.295	-0.284	-0.261
Row 1 - Root	-0.042	-0.237	-0.298	-0.257	-0.247	-0.208

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.712	-0.514	-0.598	-0.509	-0.329	-0.276
Row 5	-0.761	-0.671	-0.474	-0.479	-0.315	-0.337
Row 4	-0.764	-0.706	-0.657	-0.572	-0.475	-0.501
Row 3	-0.787	-0.76	-0.743	-0.491	-0.536	-0.424
Row 2	-0.893	-0.718	-0.679	-0.686	-0.753	-0.504
Row 1 - Root	-0.96	-0.766	-0.807	-0.726	-0.564	-0.534

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	0.32348	0.10298	0.21295	0.10403	0.01471	0.01139
Row 5	0.38191	0.32042	0.10822	0.19942	0.05673	0.1488
Row 4	0.28887	0.31505	0.25711	0.26339	0.12044	0.09862
Row 3	0.48803	0.43244	0.47668	0.06962	0.20435	0.15805
Row 2	0.80086	0.47869	0.38051	0.39142	0.46931	0.24305
Row 1 - Root	0.91811	0.52887	0.51273	0.46865	0.31654	0.28097

Record 19: DC Q-33 Alpha=32 Beta=0 FENCE OFF

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.528	-0.507	-0.478	-0.452	-0.353	-0.357
Row 5	-0.456	-0.481	-0.41	-0.304	-0.273	-0.27
Row 4	-0.6	-0.447	-0.44	-0.32	-0.368	-0.408
Row 3	-0.391	-0.418	-0.354	-0.442	-0.34	-0.263
Row 2	-0.215	-0.331	-0.355	-0.299	-0.289	-0.262
Row 1 - Root	-0.187	-0.337	-0.362	-0.279	-0.259	-0.256

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.671	-0.521	-0.623	-0.531	-0.333	-0.307
Row 5	-0.739	-0.662	-0.473	-0.507	-0.343	-0.357
Row 4	-0.771	-0.685	-0.652	-0.599	-0.509	-0.532
Row 3	-0.826	-0.751	-0.71	-0.547	-0.567	-0.459
Row 2	-0.858	-0.726	-0.707	-0.658	-0.752	-0.511
Row 1 - Root	-0.905	-0.722	-0.809	-0.708	-0.534	-0.508

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	0.14239	0.01396	0.14487	0.07872	-0.01933	-0.04927
Row 5	0.28372	0.18166	0.06327	0.20291	0.07025	0.08684
Row 4	0.17062	0.23825	0.21216	0.2791	0.14051	0.12436
Row 3	0.43523	0.33338	0.35668	0.10584	0.22642	0.19645
Row 2	0.64289	0.39524	0.35215	0.35956	0.46287	0.24916
Row 1 - Root	0.71738	0.38531	0.44771	0.42895	0.27552	0.25174

Record 23: DC Q=33 Alpha=36 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.454	-0.443	-0.418	-0.489	-0.354	-0.328
Row 5	-0.386	-0.356	-0.358	-0.304	-0.404	-0.310
Row 4	-0.46	-0.372	-0.404	-0.339	-0.406	-0.453
Row 3	-0.332	-0.336	-0.302	-0.447	-0.303	-0.300
Row 2	-0.189	-0.287	-0.3	-0.312	-0.305	-0.308
Row 1 - Root	-0.227	-0.321	-0.337	-0.271	-0.230	-0.234

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.695	-0.704	-0.718	-0.639	-0.452	-0.538
Row 5	-0.736	-0.718	-0.534	-0.607	-0.504	-0.467
Row 4	-0.71	-0.69	-0.722	-0.699	-0.604	-0.629
Row 3	-0.784	-0.712	-0.768	-0.64	-0.651	-0.552
Row 2	-0.779	-0.742	-0.675	-0.72	-0.81	-0.559
Row 1 - Root	-0.82	-0.682	-0.788	-0.764	-0.569	-0.538

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.241	0.26095	0.29935	0.14985	0.09761	0.20993
Row 5	0.34961	0.32173	0.17585	0.30327	0.0096	0.14793
Row 4	0.2496	0.31767	0.31732	0.35983	0.19811	0.17629
Row 3	0.45181	0.37527	0.46534	0.19311	0.26945	0.18249
Row 2	0.59009	0.45545	0.37527	0.40756	0.50411	0.25047
Row 1 - Root	0.59302	0.36131	0.45033	0.49265	0.31087	0.13872

Record 26: DC Q=33 Alpha=40 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.457	-0.487	-0.466	-0.512	-0.437	-0.426
Row 5	-0.47	-0.466	-0.42	-0.35	-0.357	-0.36
Row 4	-0.59	-0.452	-0.45	-0.371	-0.439	-0.483
Row 3	-0.458	-0.425	-0.372	-0.48	-0.406	-0.346
Row 2	-0.319	-0.394	-0.363	-0.351	-0.36	-0.352
Row 1 - Root	-0.444	-0.467	-0.389	-0.32	-0.305	-0.44

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.817	-0.69	-0.819	-0.781	-0.668	-0.628
Row 5	-0.821	-0.779	-0.603	-0.729	-0.617	-0.546
Row 4	-0.75	-0.705	-0.734	-0.802	-0.706	-0.731
Row 3	-0.751	-0.756	-0.768	-0.707	-0.734	-0.644
Row 2	-0.805	-0.773	-0.699	-0.787	-0.881	-0.658
Row 1 - Root	-0.816	-0.722	-0.827	-0.762	-0.61	-0.634

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.36057	0.20335	0.35258	0.26897	0.23027	0.20164
Row 5	0.35092	0.313	0.1824	0.3792	0.26007	0.18633
Row 4	0.15927	0.25309	0.28372	0.43139	0.26749	0.24742
Row 3	0.29254	0.33033	0.39683	0.22714	0.32828	0.29725
Row 2	0.4858	0.39895	0.33644	0.43549	0.52124	0.30633
Row 1 - Root	0.37178	0.2544	0.43811	0.44204	0.30476	0.19414

Record 27: DC Q=20 Alpha=28 Beta=0 FENCE OFF

INSIDE Surface	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.553	-0.474	-0.416	-0.584	-0.306	-0.313
Row 5	-0.493	-0.44	-0.387	-0.538	-0.251	-0.258
Row 4	-0.549	-0.409	-0.335	-0.253	-0.293	-0.382
Row 3	-0.31	-0.321	-0.251	-0.391	-0.248	-0.398
Row 2	-0.048	-0.193	-0.217	-0.149	-0.168	-0.174
Row 1 - Root	0.108	-0.189	-0.244	-0.16	-0.152	-0.209

OUTSIDE Surface	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.507	-0.649	-0.617	-0.523	-0.175	-0.356
Row 5	-0.741	-0.629	-0.248	-0.482	-0.237	-0.296
Row 4	-0.688	-0.635	-0.61	-0.567	-0.44	-0.475
Row 3	-0.837	-0.748	-0.728	-0.461	-0.52	-0.394
Row 2	-0.81	-0.815	-0.669	-0.609	-0.786	-0.431
Row 1 - Root	-0.787	-0.657	-0.829	-0.604	-0.445	-0.458

DIFFERENCE	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.04586	0.17568	0.20088	-0.06091	-0.1309	0.04378
Row 5	0.31573	0.18836	-0.13968	0.22464	-0.0144	0.06768
Row 4	0.13968	0.2264	0.27446	0.31435	0.14681	0.09288
Row 3	0.52661	0.42696	0.47693	0.07023	0.25194	0.17294
Row 2	0.7627	0.62223	0.45144	0.46008	0.61776	0.25718
Row 1 - Root	0.89496	0.47076	0.56448	0.44374	0.29333	0.08417

Record 30: DC Q=20 Alpha=26 Beta=0 FENCE OFF

INSIDE Surface	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.363	-0.17	-0.33	-0.504	-0.236	-0.213
Row 5	-0.348	-0.545	-0.42	-0.271	-0.267	-0.219
Row 4	-0.465	-0.378	-0.327	-0.266	-0.307	-0.378
Row 3	-0.243	-0.205	-0.197	-0.271	-0.213	-0.129
Row 2	-0.021	-0.153	-0.221	-0.156	-0.143	-0.177
Row 1 - Root	0.127	-0.164	-0.256	-0.159	-0.174	-0.191

OUTSIDE Surface	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.473	-0.417	-0.369	-0.315	-0.176	-0.206
Row 5	-0.622	-0.415	-0.108	-0.326	-0.232	-0.226
Row 4	-0.593	-0.454	-0.434	-0.393	-0.328	-0.253
Row 3	-0.682	-0.597	-0.634	-0.391	-0.445	-0.289
Row 2	-0.699	-0.568	-0.48	-0.617	-0.771	-0.351
Row 1 - Root	-0.684	-0.566	-0.75	-0.585	-0.461	-0.447

DIFFERENCE	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.10966	-0.05285	0.03888	-0.18907	-0.06012	-0.00706
Row 5	0.27387	0.07078	-0.31176	0.05472	-0.03528	0.0072
Row 4	0.12744	0.07574	0.10742	0.12715	0.02117	-0.12528
Row 3	0.43949	0.39168	0.43733	0.12063	0.23241	0.15998
Row 2	0.67774	0.41488	0.2592	0.4608	0.62784	0.17467
Row 1 - Root	0.81072	0.40169	0.4932	0.42595	0.28685	0.25625

Record 37: DC Q=33 Alpha=30 Beta=+16 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.596	-0.585	-0.563	-0.525	-0.559	-0.554
Row 5	-0.493	-0.55	-0.599	-0.494	-0.581	-0.48
Row 4	-0.675	-0.586	-0.687	-0.527	-0.522	-0.585
Row 3	-0.533	-0.606	-0.622	-0.64	-0.529	-0.499
Row 2	-0.416	-0.564	-0.576	-0.465	-0.496	-0.456
Row 1 - Root	-0.606	-0.658	-0.624	-0.305	-0.502	-0.562

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.025	-0.147	-0.327	-0.372	-0.268	-0.31
Row 5	-0.084	-0.108	-0.112	-0.368	-0.261	-0.291
Row 4	-0.291	-0.185	-0.208	-0.328	-0.477	-0.385
Row 3	-0.457	-0.312	-0.255	-0.223	-0.379	-0.269
Row 2	-0.597	-0.521	-0.253	-0.265	-0.548	-0.294
Row 1 - Root	-0.579	-0.498	-0.393	-0.243	-0.2	-0.259

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.62038	-0.43767	-0.23607	-0.15343	-0.29031	-0.24388
Row 5	-0.41097	-0.44191	-0.48655	-0.12655	-0.32029	-0.18938
Row 4	-0.384	-0.40015	-0.47904	-0.19872	-0.04495	-0.20029
Row 3	-0.07837	-0.29367	-0.36724	-0.41693	-0.15003	-0.19017
Row 2	0.18122	-0.04298	-0.32378	-0.19985	0.05193	-0.16189
Row 1 - Root	-0.02705	-0.16015	-0.23171	-0.26225	-0.30179	-0.30288

Record 40: DC Q=33 Alpha=30 Beta=+10 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.512	-0.54	-0.528	-0.452	-0.393	-0.389
Row 5	-0.514	-0.491	-0.56	-0.417	-0.482	-0.325
Row 4	-0.692	-0.584	-0.648	-0.468	-0.469	-0.502
Row 3	-0.537	-0.576	-0.499	-0.472	-0.409	-0.315
Row 2	-0.412	-0.515	-0.493	-0.377	-0.378	-0.331
Row 1 - Root	-0.588	-0.58	-0.502	-0.359	-0.342	-0.309

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.348	-0.421	-0.438	-0.382	-0.232	-0.265
Row 5	-0.53	-0.491	-0.338	-0.406	-0.233	-0.254
Row 4	-0.614	-0.564	-0.459	-0.305	-0.327	-0.35
Row 3	-0.694	-0.61	-0.522	-0.274	-0.373	-0.253
Row 2	-0.687	-0.663	-0.5	-0.431	-0.64	-0.28
Row 1 - Root	-0.569	-0.606	-0.691	-0.5	-0.362	-0.316

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.16438	-0.11956	-0.08989	-0.07052	-0.16159	-0.12388
Row 5	0.01667	0.00013	-0.22211	-0.01091	-0.24873	-0.07069
Row 4	-0.07811	-0.01964	-0.18842	-0.1625	-0.14138	-0.15229
Row 3	0.1577	0.03404	0.02287	-0.19787	-0.03505	-0.06231
Row 2	0.2746	0.14727	0.00698	0.05367	0.26138	-0.05105
Row 1 - Root	-0.01876	0.02531	0.18938	0.14095	0.01981	0.00694

Record 41: DC Q=33 Alpha=30 Beta=+6 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.714	-0.69	-0.592	-0.466	-0.418	-0.365
Row 5	-0.669	-0.646	-0.62	-0.407	-0.427	-0.391
Row 4	-0.794	-0.663	-0.677	-0.452	-0.457	-0.456
Row 3	-0.6	-0.622	-0.539	-0.546	-0.42	-0.39
Row 2	-0.426	-0.522	-0.509	-0.391	-0.389	-0.308
Row 1 - Root	-0.502	-0.532	-0.495	-0.35	-0.321	-0.405

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.64	-0.558	-0.587	-0.48	-0.307	-0.326
Row 5	-0.652	-0.594	-0.456	-0.529	-0.39	-0.331
Row 4	-0.657	-0.638	-0.58	-0.509	-0.46	-0.412
Row 3	-0.694	-0.703	-0.626	-0.396	-0.492	-0.357
Row 2	-0.71	-0.715	-0.645	-0.537	-0.757	-0.4
Row 1 - Root	-0.644	-0.656	-0.749	-0.573	-0.432	-0.408

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.07405	-0.13178	-0.00524	0.01457	-0.11097	-0.03923
Row 5	-0.0178	-0.05223	-0.16407	0.12218	-0.03753	0.02051
Row 4	-0.13658	-0.02487	-0.09722	0.05743	0.00262	-0.04407
Row 3	0.09356	0.08073	0.08701	-0.14944	0.07205	0.06685
Row 2	0.28377	0.19298	0.13527	0.14618	0.36818	0.09164
Row 1 - Root	0.14138	0.12393	0.25396	0.22342	0.11101	-0.00615

Record 44: DC Q=33 Alpha=30 Beta=+4 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.552	-0.56	-0.524	0.445	-0.389	-0.353
Row 5	-0.521	-0.529	-0.519	-0.373	-0.642	-0.342
Row 4	-0.647	-0.538	-0.571	-0.425	-0.451	-0.46
Row 3	-0.465	-0.487	-0.459	-0.512	-0.426	-0.35
Row 2	-0.324	-0.426	-0.451	-0.364	-0.391	-0.314
Row 1 - Root	-0.368	-0.442	-0.456	-0.342	-0.319	-0.419

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.61	-0.49	-0.613	-0.542	-0.358	-0.377
Row 5	-0.7	-0.687	-0.528	-0.509	-0.369	-0.366
Row 4	-0.763	-0.739	-0.664	-0.552	-0.505	-0.449
Row 3	-0.814	-0.804	-0.744	-0.484	-0.555	-0.391
Row 2	-0.886	-0.923	-0.73	-0.634	-0.838	-0.466
Row 1 - Root	-0.819	-0.777	-0.838	-0.725	-0.569	-0.521

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.05773	-0.07069	0.08858	0.09617	-0.03111	0.02404
Row 5	0.17856	0.15766	0.00916	0.19636	-0.27316	0.02356
Row 4	0.11651	0.2016	0.09303	0.12681	0.05411	-0.01091
Row 3	0.34927	0.31724	0.28512	-0.02813	0.12864	0.04111
Row 2	0.56129	0.49713	0.27884	0.26967	0.44749	0.15273
Row 1 - Root	0.45164	0.32465	0.38182	0.384	0.25021	0.10207

Record 45: DC Q=33 Alpha=30 Beta=+2 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.579	-0.511	-0.462	-0.462	-0.383	-0.347
Row 5	-0.508	-0.457	-0.406	-0.331	-0.612	-0.514
Row 4	-0.587	-0.463	-0.526	-0.385	-0.41	-0.413
Row 3	-0.404	-0.432	-0.413	-0.496	-0.404	-0.376
Row 2	-0.236	-0.357	-0.405	-0.343	-0.385	-0.301
Row 1 - Root	-0.23	-0.354	-0.414	-0.331	-0.315	-0.282

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.697	-0.689	-0.717	-0.592	-0.396	-0.475
Row 5	-0.701	-0.705	-0.607	-0.644	-0.414	-0.386
Row 4	-0.79	-0.777	-0.728	-0.664	-0.596	-0.531
Row 3	-0.941	-0.842	-0.813	-0.576	-0.641	-0.48
Row 2	-0.927	-0.941	-0.784	-0.727	-0.912	-0.549
Row 1 - Root	-0.814	-0.769	-0.847	-0.774	-0.62	-0.604

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.11751	0.17847	0.25571	0.12977	0.01296	0.1279
Row 5	0.19252	0.24799	0.14007	0.31244	-0.19811	0.072
Row 4	0.20291	0.31375	0.20169	0.2791	0.18589	0.11869
Row 3	0.5369	0.40975	0.40032	0.08053	0.23684	0.15412
Row 2	0.69089	0.58396	0.37876	0.384	0.5268	0.24742
Row 1 - Root	0.58473	0.41455	0.43375	0.44335	0.30519	0.17843

Record 48: DC Q=33 Alpha=30 Beta=0 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.55	-0.457	-0.451	-0.485	-0.4	-0.355
Row 5	-0.517	-0.512	-0.529	-0.372	-0.629	-0.331
Row 4	-0.71	-0.571	-0.583	-0.43	-0.439	-0.446
Row 3	-0.478	-0.49	-0.445	-0.506	-0.42	-0.346
Row 2	-0.264	-0.38	-0.421	-0.343	-0.391	-0.306
Row 1 - Root	-0.214	-0.344	-0.413	-0.317	-0.306	-0.429

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.791	-0.675	-0.694	-0.605	-0.409	-0.414
Row 5	-0.738	-0.7	-0.562	-0.669	-0.451	-0.439
Row 4	-0.747	-0.714	-0.686	-0.652	-0.605	-0.547
Row 3	-0.88	-0.772	-0.715	-0.556	-0.643	-0.504
Row 2	-0.879	-0.833	-0.683	-0.692	-0.908	-0.592
Row 1 - Root	-0.843	-0.686	-0.805	-0.744	-0.616	-0.783

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.241	0.21731	0.24349	0.11974	0.0086	0.05852
Row 5	0.22132	0.1882	0.03316	0.29716	-0.17804	0.10822
Row 4	0.03622	0.14313	0.1022	0.2215	0.16625	0.10036
Row 3	0.40163	0.28189	0.27028	0.04954	0.22287	0.15892
Row 2	0.6154	0.45295	0.26225	0.34953	0.51676	0.28538
Row 1 - Root	0.62924	0.34124	0.39142	0.4272	0.30999	0.35428

Record 49: DC Q=33 Alpha=30 Beta=-2 FENCE OFF

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.515	-0.475	-0.437	-0.471	-0.396	-0.346
Row 5	-0.498	-0.467	-0.409	-0.348	-0.410	-0.389
Row 4	-0.624	-0.494	-0.532	-0.42	-0.453	-0.469
Row 3	-0.364	-0.402	-0.385	-0.497	-0.427	-0.388
Row 2	-0.127	-0.305	-0.385	-0.347	-0.402	-0.32
Row 1 - Root	-0.037	-0.305	-0.417	-0.335	-0.328	-0.388

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.766	-0.675	-0.699	-0.62	-0.427	-0.527
Row 5	-0.775	-0.705	-0.554	-0.668	-0.531	-0.468
Row 4	-0.765	-0.709	-0.683	-0.632	-0.618	-0.594
Row 3	-0.895	-0.744	-0.731	-0.572	-0.652	-0.502
Row 2	-0.924	-0.839	-0.699	-0.72	-0.916	-0.599
Row 1 - Root	-0.852	-0.709	-0.816	-0.797	-0.634	-0.783

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.25104	0.20029	0.26182	0.14941	0.03129	0.1807
Row 5	0.27674	0.23751	0.06502	0.30022	-0.11127	0.1152
Row 4	0.14182	0.21469	0.15107	0.2119	0.16582	0.1248
Row 3	0.53036	0.34255	0.34621	0.07573	0.22533	0.14627
Row 2	0.79737	0.53455	0.31375	0.37309	0.51349	0.2784
Row 1 - Root	0.82473	0.40364	0.39884	0.46211	0.3065	0.33727

Record 52: DC Q=33 Alpha=30 Beta=-4 FENCE OFF

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.386	-0.429	-0.463	-0.481	-0.456	-0.403
Row 5	-0.431	-0.424	-0.495	-0.399	-0.489	-0.373
Row 4	-0.444	-0.424	-0.508	-0.439	-0.456	-0.462
Row 3	-0.204	-0.315	-0.393	-0.505	-0.422	-0.312
Row 2	0.058	-0.234	-0.394	-0.377	-0.415	-0.336
Row 1 - Root	0.112	-0.284	-0.442	-0.366	-0.379	-0.361

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.891	-0.742	-0.728	-0.62	-0.43	-0.45
Row 5	-0.857	-0.733	-0.558	-0.654	-0.448	-0.455
Row 4	-0.811	-0.736	-0.686	-0.68	-0.627	-0.547
Row 3	-0.97	-0.8	-0.713	-0.588	-0.659	-0.522
Row 2	-0.927	-0.912	-0.682	-0.71	-0.899	-0.563
Row 1 - Root	-0.862	-0.792	-0.835	-0.751	-0.614	-0.765

DIFFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.50457	0.31375	0.26487	0.13937	-0.02544	0.04761
Row 5	0.42598	0.3082	0.06327	0.25484	-0.04058	0.08204
Row 4	0.36698	0.312	0.17812	0.24113	0.17149	0.08509
Row 3	0.76643	0.48567	0.31916	0.08314	0.23694	0.20954
Row 2	0.985	0.67855	0.288	0.33251	0.4836	0.22691
Row 1 - Root	0.9744	0.50793	0.39229	0.38531	0.2345	0.40447

Record 53: DC Q=33 Alpha=30 Beta=-10 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.18	-0.304	-0.424	-0.516	-0.57	-0.419
Row 5	0.011	-0.235	-0.412	-0.419	-0.311	-0.299
Row 4	-0.021	-0.26	-0.494	-0.458	-0.456	-0.473
Row 3	0.158	-0.235	-0.428	-0.573	-0.443	-0.399
Row 2	0.213	-0.212	-0.474	-0.425	-0.44	-0.336
Row 1 - Root	0.233	-0.331	-0.328	-0.41	-0.393	-0.299

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.969	-0.784	-0.82	-0.71	-0.597	-0.609
Row 5	-0.961	-0.772	-0.578	-0.666	-0.549	-0.501
Row 4	-0.933	-0.829	-0.751	-0.652	-0.61	-0.559
Row 3	-1.048	-0.961	-0.778	-0.573	-0.621	-0.491
Row 2	-1.179	-1.148	-0.799	-0.667	-0.811	-0.497
Row 1 - Root	-1.489	-1.286	-0.977	-0.651	-0.473	-0.482

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.78864	0.48	0.39578	0.19392	0.02649	0.18943
Row 5	0.97152	0.53773	0.16582	0.24698	0.03796	0.11302
Row 4	0.912	0.56902	0.25711	0.19401	0.15447	0.0864
Row 3	1.20541	0.72655	0.35014	-0.0002	0.17945	0.19252
Row 2	1.39169	0.936	0.32422	0.24131	0.37102	0.16102
Row 1 - Root	1.72233	0.93513	0.41935	0.24175	0.07959	0.02265

Record 56: DC Q=33 Alpha=30 Beta=-16 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.374	-0.411	-0.547	-0.553	-0.581	-0.432
Row 5	-0.322	-0.486	-0.607	-0.5	-0.765	-0.458
Row 4	-0.535	-0.616	-0.711	-0.58	-0.554	-0.525
Row 3	-0.442	-0.616	-0.662	-0.71	-0.562	-0.443
Row 2	-0.392	-0.607	-0.688	-0.561	-0.539	-0.466
Row 1 - Root	-0.55	-0.734	-0.754	-0.569	-0.544	-0.615

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-1.082	-0.817	-0.774	-0.634	-0.522	-0.51
Row 5	-1	-0.755	-0.439	-0.609	-0.507	-0.416
Row 4	-0.908	-0.677	-0.608	-0.584	-0.597	-0.474
Row 3	-0.864	-0.669	-0.601	-0.456	-0.548	-0.415
Row 2	-0.787	-0.752	-0.554	-0.55	-0.725	-0.356
Row 1 - Root	-0.717	-0.605	-0.673	-0.551	-0.43	-0.442

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.70748	0.40582	0.22691	0.0809	-0.05904	0.07728
Row 5	0.6782	0.26893	-0.16844	0.10865	-0.25789	-0.04189
Row 4	0.37309	0.06065	-0.10289	0.00315	0.04364	-0.05149
Row 3	0.42127	0.05324	-0.06135	-0.2546	-0.01345	-0.02871
Row 2	0.39548	0.14433	-0.13396	-0.01091	0.18589	-0.01004
Row 1 - Root	0.16669	-0.12916	-0.08116	-0.01789	-0.11415	-0.17284

Record 57: DC Q=33 Alpha=30 Beta=-6 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.41	-0.429	-0.473	-0.572	-0.51	-0.436
Row 5	-0.247	-0.321	-0.431	-0.386	-0.422	-0.388
Row 4	-0.216	-0.284	-0.459	-0.443	-0.466	-0.485
Row 3	0.088	-0.187	-0.357	-0.534	-0.451	-0.379
Row 2	0.254	-0.13	-0.377	-0.373	-0.43	-0.376
Row 1 - Root	0.329	-0.21	-0.432	-0.354	-0.368	-0.309

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.967	-0.823	-0.802	-0.734	-0.608	-0.645
Row 5	-0.979	-0.754	-0.561	-0.739	-0.621	-0.532
Row 4	-0.92	-0.702	-0.653	-0.696	-0.668	-0.614
Row 3	-1.061	-0.827	-0.685	-0.582	-0.675	-0.561
Row 2	-1.041	-0.96	-0.71	-0.715	-0.891	-0.588
Row 1 - Root	-0.951	-0.859	-0.86	-0.767	-0.612	-0.604

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.55737	0.39404	0.32945	0.16207	0.09849	0.20863
Row 5	0.73187	0.43257	0.13004	0.35258	-0.06022	0.15185
Row 4	0.70429	0.41804	0.19427	0.25248	0.20247	0.12916
Row 3	1.14868	0.64015	0.32788	0.04824	0.2244	0.18641
Row 2	1.29526	0.82985	0.33295	0.34167	0.46047	0.21207
Row 1 - Root	1.27985	0.64887	0.40844	0.41105	0.24323	0.13348

Record 61: DC Q=33 Alpha=35 Beta=+16 FENCE OFF

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.728	-0.718	-0.688	-0.72	-0.634	-0.621
Row 5	-0.629	-0.642	-0.694	-0.589	-0.69	-0.607
Row 4	-0.826	-0.693	-0.763	-0.605	-0.626	-0.711
Row 3	-0.61	-0.69	-0.698	-0.725	-0.623	-0.588
Row 2	-0.49	-0.635	-0.665	-0.504	-0.554	-0.539
Row 1 - Root	-0.653	-0.695	-0.703	-0.542	-0.55	-0.631

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.562	-0.5	-0.499	-0.382	-0.137	-0.33
Row 5	-0.604	-0.538	-0.318	-0.399	-0.295	-0.285
Row 4	-0.676	-0.595	-0.483	-0.435	-0.551	-0.411
Row 3	-0.824	-0.706	-0.58	-0.381	-0.495	-0.375
Row 2	-0.824	-0.864	-0.626	-0.476	-0.674	-0.379
Row 1 - Root	-0.693	-0.705	-0.745	-0.557	-0.445	-0.429

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.16612	-0.21775	-0.18895	-0.33801	-0.4975	-0.29057
Row 5	-0.02566	-0.1046	-0.37615	-0.18982	-0.39491	-0.32247
Row 4	-0.14967	-0.09731	-0.27919	-0.16905	-0.07462	-0.30022
Row 3	0.21443	0.01571	-0.11808	-0.34362	-0.12783	-0.21242
Row 2	0.33439	0.22898	-0.03884	-0.02836	0.11935	-0.16058
Row 1 - Root	0.03927	0.01047	0.04276	0.01527	-0.10455	-0.20121

Record 63: DC Q-33 Alpha=35 Beta=+10 FENCE OFF

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.661	-0.579	-0.624	-0.513	-0.446	-0.406
Row 5	-0.498	-0.498	-0.388	-0.388	-0.379	-0.388
Row 4	-0.729	-0.581	-0.617	-0.458	-0.478	-0.49
Row 3	-0.398	-0.383	-0.388	-0.388	-0.408	-0.388
Row 2	-0.403	-0.501	-0.488	-0.36	-0.398	-0.356
Row 1 - Root	-0.335	-0.531	-0.382	-0.313	-0.388	-0.388

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.743	-0.541	-0.598	-0.474	-0.227	-0.278
Row 5	-0.73	-0.676	-0.453	-0.496	-0.373	-0.326
Row 4	-0.742	-0.688	-0.629	-0.517	-0.496	-0.409
Row 3	-0.771	-0.77	-0.703	-0.464	-0.527	-0.377
Row 2	-0.74	-0.889	-0.754	-0.619	-0.773	-0.446
Row 1 - Root	-0.627	-0.701	-0.831	-0.691	-0.534	-0.477

REFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	0.0826	-0.03796	-0.02662	-0.0391	-0.21875	-0.12825
Row 5	0.18161	0.17817	-0.13615	0.07244	-0.34385	-0.01789
Row 4	0.01353	0.10647	0.01143	0.05917	0.01789	-0.0816
Row 3	0.26199	0.20902	0.19785	-0.10493	0.08918	0.06816
Row 2	0.337	0.38782	0.26531	0.2592	0.3756	0.09033
Row 1 - Root	0.09338	0.14967	0.32858	0.33818	0.14548	0.0017

Record 66: DC Q-33 Alpha=35 Beta=+6 FENCE OFF

INSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.582	-0.571	-0.577	-0.507	-0.444	-0.395
Row 5	-0.554	-0.54	-0.569	-0.422	-0.686	-0.376
Row 4	-0.747	-0.598	-0.624	-0.461	-0.504	-0.481
Row 3	-0.526	-0.549	-0.494	-0.56	-0.446	-0.315
Row 2	-0.416	-0.498	-0.504	-0.364	-0.402	-0.325
Row 1 - Root	-0.554	-0.522	-0.505	-0.34	-0.371	-0.45

OUTSIDE Surface	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	-0.75	-0.693	-0.689	-0.554	-0.275	-0.322
Row 5	-0.692	-0.724	-0.565	-0.574	-0.364	-0.375
Row 4	-0.727	-0.715	-0.694	-0.611	-0.561	-0.464
Row 3	-0.745	-0.772	-0.734	-0.5	-0.589	-0.451
Row 2	-0.742	-0.77	-0.754	-0.693	-0.845	-0.502
Row 1 - Root	-0.604	-0.673	-0.845	-0.785	-0.612	-0.53

REFERENCE	Column 1-L.E	Column 2	Column 3	Column 4	Column 5	Column 6-T.E
Row 6 - Tip	0.16813	0.12218	0.11127	0.04643	-0.16857	-0.07327
Row 5	0.13798	0.18428	-0.00436	0.15229	-0.32204	-0.00131
Row 4	-0.0192	0.11738	0.06947	0.14993	0.05629	-0.01745
Row 3	0.21879	0.22255	0.23974	-0.06042	0.14348	0.13536
Row 2	0.32609	0.27251	0.25004	0.32858	0.44269	0.17716
Row 1 - Root	0.05018	0.15098	0.34036	0.44858	0.24105	0.07981

Record 67: DC Q=33 Alpha=35 Beta=+4 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.65	-0.58	-0.559	-0.543	-0.415	-0.426
Row 5	-0.576	-0.52	-0.503	-0.488	-0.47	-0.459
Row 4	-0.74	-0.544	-0.59	-0.442	-0.48	-0.466
Row 3	-0.509	-0.523	-0.468	-0.53	-0.498	-0.509
Row 2	-0.386	-0.453	-0.458	-0.338	-0.406	-0.335
Row 1 - Root	-0.431	-0.443	-0.462	-0.369	-0.323	-0.399

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.697	-0.696	-0.702	-0.625	-0.381	-0.414
Row 5	-0.725	-0.689	-0.57	-0.66	-0.455	-0.432
Row 4	-0.747	-0.69	-0.662	-0.702	-0.653	-0.57
Row 3	-0.771	-0.778	-0.699	-0.602	-0.665	-0.518
Row 2	-0.764	-0.893	-0.753	-0.717	-0.889	-0.577
Row 1 - Root	-0.697	-0.734	-0.857	-0.766	-0.623	-0.586

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.04682	0.1152	0.14313	0.08221	-0.03417	-0.01217
Row 5	0.14932	0.16944	0.00742	0.25091	-0.2352	0.05324
Row 4	0.00655	0.14618	0.07209	0.25946	0.17324	0.10429
Row 3	0.26156	0.25527	0.22943	0.05129	0.21657	0.15892
Row 2	0.37759	0.44051	0.29542	0.37876	0.48284	0.24218
Row 1 - Root	0.26618	0.28844	0.39491	0.45775	0.30127	0.14876

Record 70: DC Q=33 Alpha=35 Beta=+2 FENCE OFF

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.569	-0.569	-0.555	-0.513	-0.455	-0.418
Row 5	-0.577	-0.551	-0.555	-0.393	-0.682	-0.385
Row 4	-0.738	-0.561	-0.572	-0.427	-0.481	-0.471
Row 3	-0.437	-0.475	-0.441	-0.556	-0.443	-0.31
Row 2	-0.301	-0.384	-0.391	-0.343	-0.424	-0.347
Row 1 - Root	-0.354	-0.371	-0.433	-0.311	-0.337	-0.463

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.665	-0.622	-0.786	-0.683	-0.438	-0.556
Row 5	-0.752	-0.751	-0.634	-0.71	-0.503	-0.469
Row 4	-0.758	-0.742	-0.719	-0.712	-0.696	-0.632
Row 3	-0.822	-0.813	-0.742	-0.628	-0.707	-0.565
Row 2	-0.882	-0.81	-0.808	-0.765	-0.94	-0.617
Row 1 - Root:	-0.807	-0.759	-0.904	-0.817	-0.673	-0.853

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.09613	0.05324	0.2304	0.16992	-0.01759	0.13881
Row 5	0.17463	0.20042	0.07898	0.31724	-0.17847	0.08378
Row 4	0.01964	0.18109	0.14758	0.28477	0.21513	0.16102
Row 3	0.38505	0.33862	0.30056	0.07136	0.26438	0.25492
Row 2	0.58137	0.42524	0.41673	0.42284	0.51611	0.26967
Row 1 - Root	0.45338	0.38749	0.47084	0.50618	0.35581	0.39007

Record 71: DC Q=33 Alpha=35 Beta=0 FENCE OFF

INSIDE Surface	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.586	-0.539	-0.524	-0.506	-0.399	-0.354
Row 5	-0.54	-0.481	-0.514	-0.39	-0.405	-0.395
Row 4	-0.695	-0.504	-0.544	-0.424	-0.479	-0.474
Row 3	-0.477	-0.563	-0.421	-0.379	-0.422	-0.405
Row 2	-0.332	-0.395	-0.406	-0.338	-0.425	-0.334
Row 1 - Root	-0.285	-0.377	-0.402	-0.312	-0.348	-0.285

OUTSIDE Surface	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.794	-0.645	-0.789	-0.665	-0.413	-0.518
Row 5	-0.82	-0.785	-0.665	-0.69	-0.499	-0.479
Row 4	-0.83	-0.755	-0.763	-0.723	-0.679	-0.613
Row 3	-0.947	-0.848	-0.755	-0.632	-0.692	-0.56
Row 2	-0.969	-0.938	-0.778	-0.74	-0.898	-0.593
Row 1 - Root	-0.92	-0.795	-0.878	-0.76	-0.609	-0.778

DIFFERENCE	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.20871	0.1056	0.26487	0.15857	0.0134	0.16412
Row 5	0.27936	0.30471	0.15098	0.31985	-0.16058	0.1104
Row 4	0.13484	0.25135	0.21871	0.29873	0.20029	0.1392
Row 3	0.47014	0.38356	0.33438	0.09274	0.23749	0.18336
Row 2	0.63722	0.54251	0.37222	0.40189	0.47356	0.2592
Row 1 - Root	0.63535	0.4176	0.43593	0.4416	0.26592	0.31632

Record 74: DC Q=33 Alpha=35 Beta=-2 FENCE OFF

INSIDE Surface	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.43	-0.424	-0.494	-0.437	-0.417	-0.383
Row 5	-0.39	-0.398	-0.449	-0.36	-0.664	-0.384
Row 4	-0.531	-0.401	-0.485	-0.427	-0.485	-0.487
Row 3	-0.323	-0.359	-0.377	-0.521	-0.453	-0.388
Row 2	-0.156	-0.284	-0.363	-0.325	-0.416	-0.325
Row 1 - Root	-0.079	-0.259	-0.401	-0.288	-0.325	-0.446

OUTSIDE Surface	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.879	-0.807	-0.813	-0.703	-0.469	-0.477
Row 5	-0.796	-0.765	-0.62	-0.71	-0.529	-0.501
Row 4	-0.781	-0.736	-0.713	-0.719	-0.69	-0.61
Row 3	-0.892	-0.796	-0.723	-0.649	-0.704	-0.579
Row 2	-0.902	-0.876	-0.734	-0.755	-0.898	-0.58
Row 1 - Root	-0.882	-0.758	-0.825	-0.742	-0.603	-0.774

DIFFERENCE	Column 1-L	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.44959	0.38356	0.31898	0.26679	0.0518	0.0943
Row 5	0.40547	0.36668	0.17062	0.3504	-0.13484	0.11738
Row 4	0.25047	0.33425	0.22831	0.29175	0.20509	0.12393
Row 3	0.56876	0.43724	0.34583	0.12765	0.25151	0.19121
Row 2	0.74588	0.59182	0.37135	0.43025	0.48207	0.25527
Row 1 - Root	0.80335	0.49964	0.42371	0.45382	0.2777	0.3281

Record 75: DC Q=33 Alpha=35 Beta=-4 FENCE OFF

INSIDE Surface	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 - Tip	-0.487	-0.419	-0.475	-0.502	-0.434	-0.388
Row 5	-0.339	-0.373	-0.449	-0.38	-0.69	-0.398
Row 4	-0.51	-0.404	-0.489	-0.43	-0.478	-0.475
Row 3	-0.187	-0.389	-0.379	-0.541	-0.458	-0.379
Row 2	-0.005	-0.234	-0.372	-0.343	-0.434	-0.34
Row 1 - Root	0.062	-0.251	-0.442	-0.335	-0.345	-0.395
OUTSIDE Surface	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 - Tip	-0.908	-0.872	-0.84	-0.732	-0.488	-0.587
Row 5	-0.879	-0.836	-0.661	-0.735	-0.585	-0.507
Row 4	-0.842	-0.795	-0.801	-0.749	-0.693	-0.633
Row 3	-0.989	-0.857	-0.794	-0.685	-0.727	-0.588
Row 2	-1.101	-0.969	-0.833	-0.836	-0.941	-0.625
Row 1 - Root	-0.991	-0.858	-0.912	-0.836	-0.657	-0.805
DIFFERENCE	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 - Tip	0.42122	0.45295	0.36524	0.2297	0.05398	0.19903
Row 5	0.53987	0.46355	0.21207	0.35564	-0.10516	0.11564
Row 4	0.33207	0.39185	0.31209	0.31837	0.21513	0.1584
Row 3	0.80221	0.5472	0.41532	0.14424	0.26926	0.21085
Row 2	1.09584	0.73462	0.46036	0.49309	0.50684	0.28451
Row 1 - Root	1.07302	0.60698	0.46996	0.50095	0.29254	0.33203

Record 78: DC Q=33 Alpha=35 Beta=-6 FENCE OFF

INSIDE Surface	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 Tip	-0.491	-0.452	-0.491	-0.485	-0.495	-0.49
Row 5	-0.278	-0.355	-0.44	-0.394	-0.498	-0.346
Row 4	-0.339	-0.345	-0.486	-0.437	-0.49	-0.495
Row 3	-0.038	-0.28	-0.399	-0.566	-0.466	-0.342
Row 2	0.074	-0.233	-0.433	-0.391	-0.466	-0.377
Row 1 - Root	0.132	-0.294	-0.508	-0.386	-0.412	-0.514
OUTSIDE Surface	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 - Tip	-0.884	-0.857	-0.849	-0.765	-0.524	-0.559
Row 5	-0.823	-0.806	-0.643	-0.758	-0.62	-0.55
Row 4	-0.869	-0.737	-0.747	-0.766	-0.723	-0.65
Row 3	-1.016	-0.812	-0.726	-0.612	-0.714	-0.601
Row 2	-1.006	-0.972	-0.731	-0.753	-0.919	-0.639
Row 1 - Root	-0.968	-0.856	-0.85	-0.78	-0.657	-0.822
DIFFERENCE	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 - Tip	0.39329	0.40538	0.35738	0.28076	0.02911	0.06943
Row 5	0.54467	0.45133	0.20291	0.3648	0.12131	0.20422
Row 4	0.53062	0.39185	0.26103	0.32928	0.23258	0.15491
Row 3	0.9785	0.53236	0.32685	0.04693	0.24802	0.25929
Row 2	1.08013	0.73876	0.2976	0.36262	0.45327	0.26182
Row 1 - Root	1.10007	0.56247	0.34211	0.39404	0.24454	0.30847

Record 79: DC Q-33 Alpha-35 Beta-10 FENCE OFF

FENCE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.365	-0.439	-0.521	-0.591	-0.602	-0.573
Row 5	-0.216	-0.354	-0.517	-0.497	-0.599	-0.501
Row 4	-0.259	-0.39	-0.589	-0.54	-0.567	-0.559
Row 3	-0.021	-0.371	-0.549	-0.677	-0.563	-0.469
Row 2	0.052	-0.35	-0.6	-0.508	-0.54	-0.452
Row 1 - Root	0.061	-0.481	-0.668	-0.483	-0.49	-0.564

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-1.1	-0.96	-0.939	-0.778	-0.647	-0.694
Row 5	-1.041	-0.89	-0.705	-0.762	-0.64	-0.579
Row 4	-0.947	-0.833	-0.759	-0.74	-0.714	-0.637
Row 3	-1.012	-0.957	-0.766	-0.628	-0.712	-0.602
Row 2	-1.102	-1.106	-0.72	-0.722	-0.906	-0.653
Row 1 - Root	-1.186	-1.026	-0.776	-0.723	-0.614	-0.63

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.73453	0.52058	0.41847	0.18737	0.04438	0.12092
Row 5	0.82543	0.53599	0.18807	0.26444	0.04145	0.07898
Row 4	0.68858	0.44378	0.16983	0.20012	0.14705	0.07811
Row 3	0.99072	0.58647	0.217	-0.04907	0.14913	0.13274
Row 2	1.15431	0.75556	0.12044	0.21338	0.36578	0.20116
Row 1 - Root	1.24669	0.54458	0.10822	0.24087	0.1241	0.06585

Record 82: DC Q-33 Alpha-35 Beta-16 FENCE OFF

FENCE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.422	-0.491	-0.578	-0.616	-0.633	-0.545
Row 5	-0.318	-0.469	-0.602	-0.539	-0.638	-0.533
Row 4	-0.531	-0.588	-0.679	-0.561	-0.544	-0.523
Row 3	-0.407	-0.588	-0.627	-0.675	-0.54	-0.434
Row 2	-0.381	-0.579	-0.663	-0.5	-0.509	-0.474
Row 1 - Root	-0.497	-0.682	-0.701	-0.495	-0.512	-0.584

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-1.086	-0.916	-0.896	-0.751	-0.579	-0.589
Row 5	-1.034	-0.866	-0.62	-0.709	-0.573	-0.486
Row 4	-1.002	-0.789	-0.745	-0.722	-0.693	-0.558
Row 3	-1.052	-0.891	-0.714	-0.556	-0.62	-0.477
Row 2	-1.008	-0.934	-0.662	-0.586	-0.754	-0.467
Row 1 - Root	-0.927	-0.754	-0.736	-0.602	-0.488	-0.482

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.66428	0.42458	0.31767	0.13545	-0.0538	0.04455
Row 5	0.71616	0.39766	0.01833	0.16975	-0.06458	-0.04669
Row 4	0.4704	0.2016	0.06598	0.16084	0.14924	0.03491
Row 3	0.64512	0.30284	0.08631	-0.11846	0.0798	0.04329
Row 2	0.62675	0.35564	-0.00087	0.08684	0.24513	-0.00698
Row 1 - Root	0.42982	0.07156	0.03447	0.10647	-0.02383	-0.10259

Record 87: DC Q=33 Alpha=20 Beta=0 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-1.397	-0.534	-0.185	-0.084	-0.157	-0.007
Row 5	-1.148	-0.142	-0.183	-0.083	-0.187	-0.008
Row 4	-0.381	-0.306	-0.33	-0.185	-0.205	-0.064
Row 3	-0.252	-0.363	-0.293	-0.267	-0.167	-0.008
Row 2	-0.061	-0.219	-0.315	-0.155	-0.099	-0.012
Row 1 - Root	0.021	-0.138	-0.23	-0.094	-0.088	-0.008

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.213	0.022	-0.149	-0.193	-0.088	-0.011
Row 5	0.225	0.019	0.06	-0.213	-0.098	0.003
Row 4	-0.12	-0.237	-0.19	-0.097	-0.21	-0.173
Row 3	-0.422	-0.32	-0.236	-0.1	-0.157	-0.018
Row 2	-0.602	-0.555	-0.217	-0.099	-0.3	0.003
Row 1 - Root	-0.564	-0.507	-0.333	-0.125	-0.061	-0.032

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-1.60961	-0.55593	-0.03535	0.10927	-0.06851	0.0031
Row 5	-1.37271	-0.16132	-0.24349	0.13004	-0.03927	0.03055
Row 4	-0.26095	-0.06895	-0.14042	-0.08832	0.00524	0.10953
Row 3	0.16992	-0.04364	-0.05743	-0.16689	-0.00976	-0.07846
Row 2	0.54166	0.33535	-0.09862	-0.05629	0.20105	-0.01593
Row 1 - Root	0.59215	0.36916	0.10255	0.03046	-0.02732	0.02614

Record 90: DC Q=33 Alpha=24 Beta=0 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.434	-0.3	-0.267	-0.177	-0.089	-0.059
Row 5	-0.285	-0.256	-0.324	-0.148	-0.186	-0.018
Row 4	-0.509	-0.422	-0.412	-0.247	-0.249	-0.247
Row 3	-0.407	-0.393	-0.276	-0.341	-0.204	-0.125
Row 2	-0.105	-0.225	-0.269	-0.164	-0.101	-0.025
Row 1 - Root	-0.015	-0.13	-0.214	-0.08	-0.084	-0.025

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.245	-0.319	-0.387	-0.267	-0.131	-0.083
Row 5	-0.363	-0.273	-0.192	-0.297	-0.13	-0.12
Row 4	-0.434	-0.443	-0.34	-0.164	-0.268	-0.22
Row 3	-0.459	-0.37	-0.357	-0.172	-0.278	-0.169
Row 2	-0.456	-0.469	-0.39	-0.379	-0.502	-0.208
Row 1 - Root	-0.414	-0.47	-0.505	-0.339	-0.248	-0.189

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.18969	0.0192	0.12044	0.09007	0.04259	0.02404
Row 5	0.07863	0.01759	-0.13222	0.1488	-0.05629	0.10124
Row 4	-0.07505	0.02095	-0.07191	-0.08265	0.0192	-0.02662
Row 3	0.0521	-0.02356	0.08047	-0.16907	0.07399	0.04416
Row 2	0.35097	0.24436	0.12044	0.21513	0.40167	0.18301
Row 1 - Root	0.39884	0.33905	0.29105	0.25981	0.16337	0.16403

Record 91: DC Q-33 Alpha=26 Beta=0 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.406	-0.33	-0.321	-0.235	-0.127	-0.08
Row 5	-0.346	-0.294	-0.281	-0.188	-0.095	-0.06
Row 4	-0.522	-0.396	-0.372	-0.231	-0.239	-0.241
Row 3	-0.398	-0.396	-0.358	-0.311	-0.196	-0.15
Row 2	-0.083	-0.192	-0.23	-0.142	-0.124	-0.023
Row 1 - Root	0.003	-0.077	-0.132	-0.071	-0.045	-0.005

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.384	-0.349	-0.359	-0.25	-0.106	-0.099
Row 5	-0.407	-0.302	-0.294	-0.304	-0.141	-0.141
Row 4	-0.476	-0.466	-0.374	-0.305	-0.297	-0.253
Row 3	-0.469	-0.468	-0.404	-0.281	-0.336	-0.213
Row 2	-0.485	-0.598	-0.437	-0.418	-0.552	-0.255
Row 1 - Root	-0.497	-0.49	-0.567	-0.387	-0.275	-0.216

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.02125	0.01833	0.03796	0.01501	-0.02055	0.01881
Row 5	0.06118	0.00799	-0.0672	0.13615	-0.04145	0.12655
Row 4	-0.04625	0.06982	0.0014	0.07444	0.0576	0.01178
Row 3	0.07174	0.11171	0.16425	-0.02987	0.13983	0.10307
Row 2	0.40202	0.40605	0.2064	0.27665	0.42851	0.23206
Row 1 - Root	0.50095	0.39321	0.37484	0.31597	0.19217	0.18847

Record 94: DC Q-33 Alpha=28 Beta=0 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.364	-0.353	-0.342	-0.259	-0.139	-0.101
Row 5	-0.384	-0.296	-0.348	-0.163	-0.398	-0.04
Row 4	-0.522	-0.391	-0.383	-0.223	-0.237	-0.244
Row 3	-0.365	-0.326	-0.21	-0.303	-0.199	-0.116
Row 2	-0.048	-0.173	-0.226	-0.146	-0.141	-0.039
Row 1 - Root	0.028	-0.092	-0.203	-0.085	-0.101	-0.161

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.428	-0.267	-0.415	-0.297	-0.131	-0.13
Row 5	-0.46	-0.422	-0.252	-0.358	-0.169	-0.157
Row 4	-0.507	-0.512	-0.417	-0.213	-0.248	-0.296
Row 3	-0.485	-0.501	-0.446	-0.302	-0.342	-0.249
Row 2	-0.536	-0.618	-0.461	-0.435	-0.568	-0.252
Row 1 - Root	-0.531	-0.518	-0.551	-0.431	-0.311	-0.246

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.06384	-0.0864	0.07375	0.03814	-0.00825	0.02884
Row 5	0.07645	0.1258	-0.096	0.19462	-0.22865	0.11695
Row 4	-0.01484	0.12131	0.03456	0.02033	0.01178	0.05236
Row 3	0.1193	0.17455	0.23581	-0.00064	0.14274	0.13274
Row 2	0.48842	0.44472	0.23564	0.28931	0.42709	0.21343
Row 1 - Root	0.55985	0.42572	0.34735	0.34569	0.20963	0.08461

Record 96: DC Q=33 Alpha=30 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.304	-0.303	-0.302	-0.25	-0.139	-0.11
Row 5	-0.309	-0.313	-0.312	-0.176	-0.411	-0.23
Row 4	-0.497	-0.359	-0.374	-0.214	-0.227	-0.238
Row 3	-0.352	-0.312	-0.213	-0.304	-0.197	-0.116
Row 2	-0.045	-0.162	-0.211	-0.137	-0.142	-0.045
Row 1 - Root	-0.609	-0.079	-0.178	-0.079	-0.078	-0.002

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.36	-0.323	-0.465	-0.21	-0.155	-0.156
Row 5	-0.392	-0.472	-0.339	-0.37	-0.175	-0.168
Row 4	-0.432	-0.508	-0.437	-0.374	-0.365	-0.323
Row 3	-0.506	-0.507	-0.469	-0.339	-0.396	-0.278
Row 2	-0.536	-0.534	-0.494	-0.47	-0.602	-0.281
Row 1 - Root	-0.542	-0.532	-0.603	-0.476	-0.361	-0.294

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.05599	0.02051	0.16276	-0.03953	0.01606	0.0453
Row 5	0.08387	0.23359	0.02662	0.19462	-0.23695	0.10822
Row 4	-0.06545	0.14924	0.06249	0.15997	0.13789	0.08553
Row 3	0.15421	0.19418	0.25545	0.03514	0.19887	0.16241
Row 2	0.49148	0.37243	0.2832	0.33295	0.46004	0.23633
Row 1 - Root	0.5328	0.45247	0.42502	0.39631	0.26243	0.2417

Record 98: DC Q=33 Alpha=32 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.351	-0.324	-0.309	-0.257	-0.139	-0.108
Row 5	-0.378	-0.302	-0.306	-0.16	-0.409	-0.129
Row 4	-0.507	-0.334	-0.314	-0.17	-0.213	-0.237
Row 3	-0.329	-0.273	-0.162	-0.249	-0.174	-0.098
Row 2	-0.038	-0.145	-0.185	-0.111	-0.136	-0.045
Row 1 - Root	-0.016	-0.083	-0.183	-0.078	-0.103	-0.069

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.451	-0.384	-0.514	-0.267	-0.183	-0.194
Row 5	-0.449	-0.433	-0.308	-0.45	-0.254	-0.239
Row 4	-0.56	-0.545	-0.415	-0.475	-0.452	-0.391
Row 3	-0.57	-0.563	-0.509	-0.397	-0.47	-0.355
Row 2	-0.601	-0.581	-0.515	-0.548	-0.675	-0.349
Row 1 - Root	-0.597	-0.575	-0.639	-0.551	-0.424	-0.346

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.09919	0.06065	0.20465	0.00934	0.04372	0.08601
Row 5	0.07078	0.13104	0.00131	0.28975	-0.15578	0.10996
Row 4	0.05324	0.2112	0.10132	0.30441	0.23956	0.15404
Row 3	0.24105	0.29062	0.34665	0.1486	0.29607	0.25711
Row 2	0.56348	0.43667	0.33033	0.4368	0.53902	0.3038
Row 1 - Root	0.58124	0.49169	0.456	0.47284	0.3209	0.27705

Record 102: DC Q=33 Alpha=36 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.449	-0.36	-0.348	-0.327	-0.206	-0.197
Row 5	-0.378	-0.338	-0.341	-0.201	-0.375	-0.197
Row 4	-0.508	-0.343	-0.355	-0.212	-0.281	-0
Row 3	-0.343	-0.316	-0.279	-0.347	-0.264	-0.197
Row 2	-0.118	-0.225	-0.271	-0.212	-0.242	-0.16
Row 1 - Root	-0.162	-0.193	-0.287	-0.171	-0.193	-0.163

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.597	-0.475	-0.631	-0.504	-0.32	-0.348
Row 5	-0.488	-0.502	-0.449	-0.561	-0.432	-0.394
Row 4	-0.558	-0.568	-0.548	-0.549	-0.549	-0.519
Row 3	-0.565	-0.563	-0.55	-0.478	-0.56	-0.463
Row 2	-0.658	-0.591	-0.546	-0.632	-0.748	-0.465
Row 1 - Root	-0.685	-0.597	-0.649	-0.572	-0.462	-0.438

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.14762	0.11476	0.28233	0.17647	0.11376	0.15103
Row 5	0.10961	0.16377	0.10822	0.35956	0.15622	0.18633
Row 4	0.04931	0.22473	0.19296	0.33757	0.26749	0.2256
Row 3	0.22228	0.24655	0.27116	0.13158	0.29539	0.27631
Row 2	0.54035	0.36633	0.27491	0.42022	0.50618	0.30476
Row 1 - Root	0.5232	0.4032	0.36175	0.40071	0.26854	0.27312

Record 104: DC Q=33 Alpha=40 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.496	-0.393	-0.411	-0.393	-0.323	-0.264
Row 5	-0.384	-0.358	-0.371	-0.258	-0.32	-0.19
Row 4	-0.539	-0.369	-0.41	-0.274	-0.353	-0.35
Row 3	-0.391	-0.352	-0.288	-0.35	-0.297	-0.242
Row 2	-0.186	-0.271	-0.275	-0.203	-0.242	-0.141
Row 1 - Root	-0.274	-0.272	-0.312	-0.187	-0.205	-0.162

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.676	-0.547	-0.727	-0.661	-0.504	-0.59
Row 5	-0.604	-0.648	-0.519	-0.649	-0.537	-0.468
Row 4	-0.595	-0.577	-0.578	-0.62	-0.617	-0.585
Row 3	-0.718	-0.576	-0.562	-0.519	-0.599	-0.504
Row 2	-0.45	-0.633	-0.555	-0.637	-0.759	-0.47
Row 1 - Root	-0.782	-0.667	-0.665	-0.572	-0.467	-0.438

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.17948	0.15447	0.3168	0.2681	0.1814	0.32601
Row 5	0.22645	0.29031	0.14793	0.39055	0.21644	0.2784
Row 4	0.05585	0.20858	0.16809	0.3463	0.26356	0.23476
Row 3	0.32701	0.22385	0.27465	0.16824	0.3027	0.26191
Row 2	0.55911	0.36131	0.28015	0.43375	0.51709	0.32893
Row 1 - Root	0.50749	0.39491	0.35345	0.38487	0.26243	0.27617

Record 106: DC Q=20 Alpha=26 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.201	-0.201	-0.143	-0.188	0.065	0.125
Row 5	-0.147	-0.073	-0.163	0.064	-0.11	0.122
Row 4	-0.423	-0.232	-0.217	-0.074	-0.111	0.085
Row 3	-0.179	-0.138	-0.085	-0.089	-0.009	0.088
Row 2	0.014	-0.036	-0.094	0.089	0.08	0.159
Row 1 - Root	0.159	0.073	-0.098	0.106	0.056	0.11

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.197	-0.117	-0.147	0.002	0.131	0.094
Row 5	-0.252	-0.192	0.055	-0.112	0.027	0.094
Row 4	-0.273	-0.265	-0.162	-0.06	-0.104	0.037
Row 3	-0.321	-0.272	-0.253	-0.054	-0.178	-0.027
Row 2	-0.352	-0.365	-0.199	-0.301	-0.527	-0.032
Row 1 - Root	-0.242	-0.345	-0.319	-0.243	-0.16	-0.078

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.0041	-0.08366	0.0036	-0.19051	-0.06588	0.03175
Row 5	0.10483	0.1183	-0.21816	0.1764	-0.17712	0.02808
Row 4	-0.14976	0.0329	-0.0553	-0.01397	-0.0077	0.04752
Row 3	0.14213	0.13392	0.16805	-0.03561	0.16891	0.11218
Row 2	0.36598	0.32843	0.1044	0.38952	0.60678	0.19066
Row 1 - Root	0.40104	0.4181	0.22104	0.34848	0.21557	0.20801

Record 108: DC Q=20 Alpha=28 Beta=0 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.2	-0.202	-0.142	-0.208	0.042	0.093
Row 5	-0.161	-0.067	-0.159	-0.061	-0.192	0.073
Row 4	-0.392	-0.21	-0.201	-0.081	-0.136	0.066
Row 3	-0.165	-0.107	-0.064	-0.095	-0.027	0.072
Row 2	0.042	-0.014	-0.085	0.081	0.053	0.126
Row 1 - Root	0.19	0.093	-0.104	0.084	0.028	0.101

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.241	-0.141	-0.178	-0.035	0.107	0.044
Row 5	-0.279	-0.238	0.034	-0.171	-0.027	0.028
Row 4	-0.33	-0.331	-0.201	-0.126	-0.176	-0.02
Row 3	-0.373	-0.344	-0.331	-0.175	-0.265	-0.106
Row 2	-0.408	-0.414	-0.289	-0.401	-0.604	-0.094
Row 1 - Root	-0.309	-0.398	-0.377	-0.31	-0.209	-0.116

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.04126	-0.06098	0.036	-0.17323	-0.06523	0.04939
Row 5	0.11779	0.17086	-0.19296	0.11016	-0.16488	0.04536
Row 4	-0.0612	0.12125	0.00014	0.04507	0.04032	0.0864
Row 3	0.20765	0.2376	0.26741	0.08031	0.2388	0.17755
Row 2	0.45022	0.39933	0.20376	0.4824	0.657	0.21938
Row 1 - Root	0.49896	0.49068	0.27216	0.39406	0.23645	0.21665

Record 114: DC Q=33 Alpha=35 Beta=+16 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TS
Row 6 - Tip	-0.508	-0.451	-0.471	-0.413	-0.372	-0.356
Row 5	-0.384	-0.332	-0.458	-0.338	-0.401	-0.401
Row 4	-0.569	-0.449	-0.455	-0.344	-0.373	-0.41
Row 3	-0.499	-0.421	-0.43	-0.363	-0.318	-0.301
Row 2	-0.288	-0.398	-0.433	-0.312	-0.255	-0.249
Row 1 - Root	-0.487	-0.449	-0.45	-0.398	-0.341	-0.308

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TS
Row 6 - Tip	-0.34	-0.156	-0.259	-0.167	-0.019	-0.094
Row 5	-0.355	-0.311	-0.067	-0.229	-0.093	-0.124
Row 4	-0.497	-0.391	-0.291	-0.127	-0.265	-0.227
Row 3	-0.556	-0.452	-0.324	-0.095	-0.235	-0.168
Row 2	-0.578	-0.585	-0.387	-0.247	-0.413	-0.113
Row 1 - Root	-0.486	-0.562	-0.507	-0.258	-0.179	-0.146

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TS
Row 6 - Tip	-0.16831	-0.29498	-0.21207	-0.24593	-0.35359	-0.26221
Row 5	-0.02828	-0.02125	-0.39098	-0.12916	-0.36829	-0.20684
Row 4	-0.07244	-0.05804	-0.16355	-0.21617	-0.10735	-0.18284
Row 3	0.0569	0.03055	-0.09583	-0.26813	-0.08296	-0.1138
Row 2	0.28988	0.1872	-0.04582	-0.06502	0.15742	-0.13571
Row 1 - Root	-0.00087	0.11302	0.05673	-0.03971	-0.16172	-0.12048

Record 116: DC Q=33 Alpha=35 Beta=+10 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TS
Row 6 - Tip	-0.4	-0.392	-0.421	-0.343	-0.243	-0.247
Row 5	-0.392	-0.301	-0.43	-0.295	-0.383	-0.22
Row 4	-0.558	-0.423	-0.425	-0.303	-0.346	-0.346
Row 3	-0.449	-0.427	-0.341	-0.391	-0.295	-0.222
Row 2	-0.251	-0.343	-0.35	-0.229	-0.222	-0.16
Row 1 - Root	-0.448	-0.344	-0.322	-0.179	-0.221	-0.168

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TS
Row 6 - Tip	-0.578	-0.296	-0.412	-0.31	-0.104	-0.146
Row 5	-0.588	-0.532	-0.32	-0.367	-0.193	-0.207
Row 4	-0.591	-0.557	-0.47	-0.288	-0.416	-0.329
Row 3	-0.55	-0.564	-0.521	-0.283	-0.402	-0.297
Row 2	-0.538	-0.592	-0.537	-0.507	-0.612	-0.309
Row 1 - Root	-0.445	-0.542	-0.606	0.543	-0.407	-0.316

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TS
Row 6 - Tip	0.17773	-0.096	-0.00873	-0.03343	-0.13916	-0.10163
Row 5	0.19601	0.23097	-0.10996	0.07156	-0.18938	-0.01353
Row 4	0.03316	0.1344	0.0446	-0.01414	0.07069	-0.01789
Row 3	0.10097	0.13745	0.17996	-0.10755	0.10683	0.07427
Row 2	0.28639	0.24938	0.18764	0.27753	0.38989	0.14876
Row 1 - Root	-0.00262	0.19724	0.28364	0.3634	0.18607	0.14788

Record 118: DC Q=33 Alpha=35 Beta=+6 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.441	-0.407	-0.393	-0.296	-0.227	-0.176
Row 5	-0.454	-0.397	-0.418	-0.282	-0.323	-0.217
Row 4	-0.645	-0.49	-0.469	-0.303	-0.339	-0.321
Row 3	-0.559	-0.477	-0.383	-0.394	-0.3	-0.289
Row 2	-0.315	-0.366	-0.355	-0.233	-0.24	-0.158
Row 1 - Root	-0.409	-0.318	-0.32	-0.173	-0.209	-0.171

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.503	-0.447	-0.581	-0.408	-0.25	-0.259
Row 5	-0.487	-0.493	-0.41	-0.526	-0.338	-0.286
Row 4	-0.509	-0.541	-0.562	-0.527	-0.511	-0.404
Row 3	-0.529	-0.523	-0.556	-0.427	-0.511	-0.388
Row 2	-0.492	-0.649	-0.548	-0.597	-0.718	-0.406
Row 1 - Root	-0.447	-0.49	-0.59	-0.579	-0.487	-0.394

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.06166	0.04058	0.18764	0.11276	0.02256	0.08295
Row 5	0.03325	0.09569	-0.00873	0.26356	0.01484	0.06938
Row 4	-0.13571	0.05105	0.09347	0.22368	0.17149	0.08335
Row 3	-0.02993	0.04538	0.17123	0.0334	0.21046	0.15892
Row 2	0.17729	0.28287	0.19287	0.36393	0.47804	0.24772
Row 1 - Root	0.0384	0.17193	0.27011	0.40529	0.28207	0.22381

Record 120: DC Q=33 Alpha=35 Beta=+4 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.489	-0.405	-0.357	-0.232	-0.219	-0.172
Row 5	-0.37	-0.318	-0.347	-0.217	-0.288	-0.148
Row 4	-0.553	-0.403	-0.375	-0.235	-0.289	-0.275
Row 3	-0.457	-0.374	-0.28	-0.349	-0.274	-0.249
Row 2	-0.237	-0.296	-0.309	-0.194	-0.211	-0.141
Row 1 - Root	-0.393	-0.264	-0.298	-0.154	-0.171	-0.145

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.455	-0.384	-0.541	-0.422	-0.207	-0.229
Row 5	-0.541	-0.513	-0.333	-0.471	-0.342	-0.285
Row 4	-0.499	-0.511	-0.483	-0.467	-0.5	-0.407
Row 3	-0.515	-0.507	-0.481	-0.393	-0.484	-0.369
Row 2	-0.515	-0.552	-0.501	-0.547	-0.675	-0.346
Row 1 - Root	-0.461	-0.57	-0.579	-0.547	-0.467	-0.351

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.03434	-0.02095	0.18415	0.14025	-0.01148	0.05677
Row 5	0.17114	0.19475	-0.0144	0.25396	0.05367	0.13745
Row 4	-0.05411	0.10865	0.10743	0.23284	0.2112	0.13178
Row 3	0.05821	0.13265	0.20047	0.04431	0.20975	0.11965
Row 2	0.27897	0.2556	0.192	0.35302	0.46385	0.20544
Row 1 - Root	0.06807	0.24262	0.28189	0.39286	0.29647	0.20592

Record 122: DC Q=33 Alpha=35 Beta=+2 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.398	-0.374	-0.37	-0.348	-0.196	-0.187
Row 5	-0.403	-0.277	-0.371	-0.34	-0.311	-0.396
Row 4	-0.6	-0.422	-0.397	-0.265	-0.314	-0.296
Row 3	-0.494	-0.419	-0.34	-0.343	-0.278	-0.289
Row 2	-0.226	-0.301	-0.335	-0.225	-0.232	-0.147
Row 1 - Root	-0.268	-0.225	-0.285	-0.161	-0.195	-0.285

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.469	-0.435	-0.561	-0.451	-0.242	-0.285
Row 5	-0.541	-0.474	-0.426	-0.494	-0.323	-0.309
Row 4	-0.533	-0.512	-0.508	-0.487	-0.51	-0.452
Row 3	-0.512	-0.504	-0.503	-0.387	-0.495	-0.394
Row 2	-0.528	-0.552	-0.513	-0.566	-0.691	-0.376
Row 1 - Root	-0.512	-0.534	-0.595	-0.535	-0.451	-0.377

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.07169	0.06109	0.19069	0.10272	0.04612	0.09866
Row 5	0.13798	0.19693	0.05498	0.25309	-0.18807	0.15229
Row 4	-0.06633	0.08989	0.11092	0.22106	0.19549	0.15578
Row 3	0.01807	0.08509	0.16294	0.0238	0.21714	0.19078
Row 2	0.30209	0.25102	0.17847	0.34167	0.45851	0.22822
Row 1 - Root	0.24393	0.30851	0.30938	0.37318	0.25807	0.1025

Record 124: DC Q=33 Alpha=35 Beta=0 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.367	-0.325	-0.326	-0.262	-0.208	-0.163
Row 5	-0.345	-0.221	-0.317	-0.21	-0.503	-0.217
Row 4	-0.491	-0.365	-0.333	-0.27	-0.32	-0.305
Row 3	-0.408	-0.373	-0.315	-0.35	-0.293	-0.274
Row 2	-0.153	-0.256	-0.312	-0.199	-0.226	-0.141
Row 1 - Root	-0.169	-0.187	-0.28	-0.156	-0.19	-0.267

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.508	-0.547	-0.594	-0.495	-0.288	-0.294
Row 5	-0.478	-0.484	-0.462	-0.556	-0.381	-0.351
Row 4	-0.527	-0.521	-0.501	-0.545	-0.565	-0.506
Row 3	-0.504	-0.511	-0.494	-0.459	-0.558	-0.473
Row 2	-0.554	-0.542	-0.521	-0.549	-0.734	-0.446
Row 1 - Root	-0.517	-0.532	-0.59	-0.559	-0.485	-0.416

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.14108	0.22211	0.26749	0.23319	0.07972	0.13052
Row 5	0.13318	0.26326	0.14487	0.34604	-0.12175	0.13353
Row 4	0.03578	0.15665	0.16765	0.27517	0.2448	0.20116
Row 3	0.09617	0.13833	0.17908	0.10845	0.26514	0.19907
Row 2	0.40159	0.28604	0.20858	0.37004	0.50825	0.30532
Row 1 - Root	0.34778	0.34516	0.31069	0.40329	0.29559	0.14963

Record 126: DC Q=33 Alpha=35 Beta=-2 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.395	-0.374	-0.391	-0.32	-0.271	-0.203
Row 5	-0.373	-0.353	-0.374	-0.299	-0.250	-0.180
Row 4	-0.455	-0.321	-0.31	-0.226	-0.301	-0.302
Row 3	-0.284	-0.272	-0.264	-0.234	-0.279	-0.260
Row 2	0.006	-0.148	-0.242	-0.185	-0.228	-0.144
Row 1 - Root	0.023	-0.200	-0.247	-0.163	-0.190	-0.090

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.515	-0.468	-0.636	-0.521	-0.324	-0.364
Row 5	-0.564	-0.487	-0.462	-0.548	-0.452	-0.402
Row 4	-0.576	-0.541	-0.518	-0.515	-0.54	-0.505
Row 3	-0.617	-0.512	-0.506	-0.457	-0.552	-0.47
Row 2	-0.653	-0.541	-0.505	-0.597	-0.739	-0.456
Row 1 - Root	-0.645	-0.577	-0.604	-0.575	-0.489	-0.438

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.11969	0.09382	0.2448	0.20134	0.05311	0.16063
Row 5	0.1886	0.26239	0.14836	0.31418	-0.05978	0.18764
Row 4	0.12044	0.22036	0.2078	0.2887	0.23956	0.20335
Row 3	0.33356	0.24	0.26156	0.12285	0.27262	0.21696
Row 2	0.65948	0.39285	0.26313	0.41193	0.51109	0.31161
Row 1 - Root	0.67025	0.49032	0.35738	0.41276	0.2949	0.13793

Record 128: DC Q=33 Alpha=35 Beta=-4 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.236	-0.25	-0.296	-0.262	-0.213	-0.194
Row 5	-0.168	-0.092	-0.239	-0.203	-0.52	-0.239
Row 4	-0.163	-0.123	-0.25	-0.224	-0.294	-0.303
Row 3	-0.006	-0.117	-0.207	-0.349	-0.279	-0.214
Row 2	0.206	-0.052	-0.251	-0.229	-0.26	-0.176
Row 1 - Root	0.214	-0.044	-0.277	-0.205	-0.249	-0.201

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.648	-0.494	-0.627	-0.538	-0.334	-0.364
Row 5	-0.651	-0.542	-0.418	-0.593	-0.417	-0.398
Row 4	-0.691	-0.597	-0.58	-0.589	-0.604	-0.506
Row 3	-0.787	-0.61	-0.583	-0.534	-0.604	-0.495
Row 2	-0.857	-0.728	-0.609	-0.678	-0.783	-0.497
Row 1 - Root	-0.918	-0.767	-0.687	-0.583	-0.488	-0.442

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.41206	0.24393	0.33076	0.27683	0.12074	0.16935
Row 5	0.48231	0.45046	0.17978	0.39055	-0.10342	0.1584
Row 4	0.52756	0.47354	0.32954	0.36506	0.31025	0.20291
Row 3	0.7817	0.49309	0.37588	0.18482	0.32468	0.28111
Row 2	1.06268	0.67643	0.35825	0.44858	0.52255	0.3209
Row 1 - Root	1.13149	0.72244	0.41062	0.37789	0.2393	0.24127

Record 130: DC Q-33 Alpha=35 Beta=6 FENCE ON

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.135	-0.173	-0.276	-0.263	-0.262	-0.195
Row 5	-0.048	-0.043	-0.234	-0.23	-0.26	-0.19
Row 4	-0.132	-0.139	-0.282	-0.259	-0.315	-0.319
Row 3	0.073	-0.117	-0.233	-0.277	-0.308	-0.299
Row 2	0.267	-0.041	-0.268	-0.242	-0.262	-0.177
Row 1 - Root	0.277	-0.046	-0.308	-0.308	-0.235	-0.19

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.602	-0.6	-0.629	-0.507	-0.304	-0.332
Row 5	-0.588	-0.597	-0.448	-0.526	-0.337	-0.326
Row 4	-0.64	-0.542	-0.558	-0.521	-0.542	-0.469
Row 3	-0.782	-0.56	-0.568	-0.472	-0.557	-0.464
Row 2	-0.789	-0.746	-0.56	-0.617	-0.751	-0.463
Row 1 - Root	-0.808	-0.694	-0.623	-0.583	-0.493	-0.429

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.46748	0.42764	0.35302	0.24323	0.04132	0.13706
Row 5	0.54009	0.55431	0.21338	0.27578	-0.22691	0.12785
Row 4	0.50793	0.40294	0.27543	0.26164	0.22647	0.14967
Row 3	0.85676	0.44291	0.33487	0.09318	0.2496	0.18991
Row 2	1.05657	0.70555	0.29193	0.37527	0.48884	0.28621
Row 1 - Root	1.0848	0.64865	0.32073	0.37702	0.26374	0.23952

Record 132: DC Q-33 Alpha=35 Beta=10 FENCE ON

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.049	-0.086	-0.257	-0.248	-0.271	-0.171
Row 5	0.139	0.026	-0.235	-0.273	-0.59	-0.261
Row 4	0.039	-0.101	-0.249	-0.288	-0.323	-0.335
Row 3	0.117	-0.152	-0.242	-0.401	-0.305	-0.223
Row 2	0.252	-0.117	-0.354	-0.277	-0.275	-0.185
Row 1 - Root	0.34	-0.213	-0.406	-0.251	-0.26	-0.207

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	-0.832	-0.642	-0.652	-0.525	-0.333	-0.349
Row 5	-0.799	-0.658	-0.471	-0.54	-0.414	-0.341
Row 4	-0.816	-0.662	-0.557	-0.501	-0.531	-0.445
Row 3	-0.844	-0.677	-0.535	-0.39	-0.493	-0.394
Row 2	-0.997	-0.93	-0.54	-0.515	-0.556	-0.38
Row 1 - Root	-1.24	-0.952	-0.627	-0.474	-0.389	-0.355

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TR
Row 6 - Tip	0.7834	0.5568	0.39535	0.2777	0.06227	0.17764
Row 5	0.93744	0.68435	0.23564	0.26749	-0.17585	0.08029
Row 4	0.85527	0.56081	0.30772	0.21321	0.20858	0.10996
Row 3	0.96148	0.52495	0.29297	-0.01067	0.18744	0.17071
Row 2	1.24857	0.81338	0.18589	0.23825	0.38116	0.1944
Row 1 - Root	1.4736	0.73964	0.22124	0.22255	0.12934	0.14832

Record 134: DC Q=33 Alpha=35 Beta=-16 FENCE ON

INSIDE Surface	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 - Tip	-0.342	-0.279	-0.425	-0.41	-0.419	-0.23
Row 5	-0.338	-0.285	-0.418	-0.398	-0.397	-0.23
Row 4	-0.364	-0.422	-0.483	-0.386	-0.372	-0.345
Row 3	-0.331	-0.436	-0.488	-0.398	-0.373	-0.345
Row 2	-0.185	-0.397	-0.504	-0.377	-0.333	-0.258
Row 1 - Root	-0.388	-0.443	-0.498	-0.331	-0.295	-0.258

OUTSIDE Surface	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 - Tip	-0.859	-0.697	-0.675	-0.541	-0.437	-0.425
Row 5	-0.854	-0.677	-0.396	-0.494	-0.394	-0.315
Row 4	-0.804	-0.593	-0.509	-0.475	-0.516	-0.388
Row 3	-0.821	-0.595	-0.472	-0.357	-0.447	-0.329
Row 2	-0.74	-0.672	-0.451	-0.459	-0.586	-0.308
Row 1 - Root	-0.698	-0.589	-0.513	-0.377	-0.295	-0.264

DIFFERENCE	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 - Tip	0.51635	0.4176	0.25004	0.13065	0.0182	0.1951
Row 5	0.6158	0.38544	-0.01964	0.12044	-0.25222	-0.01745
Row 4	0.43985	0.17105	0.02627	0.08884	0.14444	0.04276
Row 3	0.49021	0.13876	-0.01772	-0.14726	0.07617	0.05507
Row 2	0.55519	0.27502	-0.0528	0.08204	0.25244	0.04975
Row 1 - Root	0.31549	0.14662	0.03229	0.02618	-0.04826	-0.12921

Record 136: DC Q=33 Alpha=30 Beta=+16 FENCE ON

INSIDE Surface	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 - Tip	-0.473	-0.389	-0.424	-0.341	-0.231	-0.219
Row 5	-0.311	-0.253	-0.393	-0.225	-0.577	-0.235
Row 4	-0.471	-0.36	-0.372	-0.29	-0.305	-0.347
Row 3	-0.35	-0.307	-0.35	-0.294	-0.26	-0.23
Row 2	-0.161	-0.279	-0.358	-0.247	-0.209	-0.207
Row 1 - Root	-0.357	-0.29	-0.355	-0.247	-0.293	-0.224

OUTSIDE Surface	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 - Tip	0.217	0.164	-0.115	-0.117	0.031	-0.045
Row 5	-0.024	0.027	0.228	-0.113	-0.008	-0.027
Row 4	-0.227	-0.056	-0.016	0.012	-0.19	-0.149
Row 3	-0.341	-0.129	-0.051	0.026	-0.137	-0.102
Row 2	-0.363	-0.267	-0.041	-0.073	-0.285	-0.051
Row 1 - Root	-0.319	-0.313	-0.25	0.036	-0.021	-0.01

DIFFERENCE	Column 1-L.E.	Column 2	Column 3	Column 4	Column 5	Column 6-T.E.
Row 6 - Tip	-0.69063	-0.55287	-0.30895	-0.22412	-0.26182	-0.17319
Row 5	-0.2866	-0.27958	-0.62095	-0.11215	-0.56902	-0.20771
Row 4	-0.24436	-0.30415	-0.35555	-0.30257	-0.1152	-0.19811
Row 3	-0.00899	-0.1776	-0.2983	-0.32049	-0.1221	-0.12864
Row 2	0.20217	-0.01211	-0.3168	-0.17367	0.07593	-0.15596
Row 1 - Root	-0.0384	0.02269	-0.10473	-0.21164	-0.27168	-0.21386

Record 138: DC Q=33 Alpha=30 Beta=+10 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.401	-0.298	-0.502	-0.271	-0.152	-0.134
Row 5	-0.284	-0.218	-0.332	-0.200	-0.100	-0.080
Row 4	-0.494	-0.359	-0.333	-0.239	-0.258	-0.254
Row 3	-0.419	-0.369	-0.294	-0.223	-0.187	-0.180
Row 2	-0.224	-0.3	-0.3	-0.159	-0.129	-0.084
Row 1 - Root	-0.418	-0.313	-0.294	-0.12	-0.140	-0.080

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.105	-0.028	-0.165	-0.095	0.087	-0.011
Row 5	-0.321	-0.236	-0.052	-0.138	0.011	-0.02
Row 4	-0.423	-0.337	-0.216	-0.022	-0.198	0.02
Row 3	-0.505	-0.331	-0.246	-0.014	-0.152	-0.078
Row 2	-0.443	-0.47	-0.269	-0.166	-0.318	-0.029
Row 1 - Root	-0.306	-0.434	-0.458	-0.216	-0.115	-0.015

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.29572	-0.26967	-0.33731	-0.17612	-0.23921	-0.12345
Row 5	0.03674	0.01759	-0.29978	-0.07069	-0.49091	-0.15709
Row 4	-0.07113	-0.02138	-0.11729	-0.21661	-0.06022	-0.27447
Row 3	0.08657	-0.0336	-0.04826	-0.21096	-0.03562	-0.05969
Row 2	0.21919	0.16931	-0.03098	0.00698	0.1884	-0.05546
Row 1 - Root	-0.11215	0.12044	0.16407	0.09583	-0.03299	-0.06244

Record 140: DC Q=33 Alpha=30 Beta=+6 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.328	-0.328	-0.533	-0.242	-0.112	-0.082
Row 5	-0.365	-0.318	-0.362	-0.165	-0.207	-0.029
Row 4	-0.549	-0.422	-0.346	-0.219	-0.223	-0.202
Row 3	-0.44	-0.378	-0.308	-0.293	-0.181	-0.099
Row 2	-0.196	-0.265	-0.272	-0.116	-0.109	-0.032
Row 1 - Root	-0.321	-0.213	-0.223	-0.06	-0.091	-0.05

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.282	-0.236	-0.377	-0.244	-0.024	-0.07
Row 5	-0.365	-0.285	-0.187	-0.309	-0.12	-0.096
Row 4	-0.394	-0.392	-0.278	-0.188	-0.295	-0.188
Row 3	-0.422	-0.415	-0.343	-0.171	-0.277	-0.163
Row 2	-0.41	-0.455	-0.394	-0.357	-0.48	-0.172
Row 1 - Root	-0.32	-0.414	-0.484	-0.414	-0.301	-0.172

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.04612	-0.09251	-0.15622	0.00236	-0.08775	-0.01174
Row 5	0.00052	-0.03216	-0.17498	0.144	-0.08727	0.06676
Row 4	-0.15491	-0.02924	-0.06755	-0.03072	0.07287	-0.0144
Row 3	-0.01772	0.03665	0.03465	-0.12151	0.09646	0.06336
Row 2	0.21439	0.1908	0.12175	0.24175	0.37113	0.1402
Row 1 - Root	-0.00044	0.2016	0.26095	0.35389	0.2105	0.1217

Record 142: DC Q=33 Alpha=30 Beta=+4 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.347	-0.345	-0.499	-0.232	-0.087	-0.048
Row 5	-0.333	-0.332	-0.334	-0.143	-0.137	-0.029
Row 4	-0.502	-0.367	-0.298	-0.189	-0.197	-0.171
Row 3	-0.393	-0.309	-0.193	-0.232	-0.143	-0.029
Row 2	-0.156	-0.205	-0.204	-0.068	-0.073	0.013
Row 1 - Root	-0.195	-0.149	-0.153	-0.018	-0.040	-0.002

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.217	-0.161	-0.318	-0.212	0.003	-0.028
Row 5	-0.271	-0.237	-0.133	-0.265	-0.055	-0.025
Row 4	-0.433	-0.366	-0.326	-0.166	-0.257	-0.173
Row 3	-0.466	-0.374	-0.326	-0.158	-0.246	-0.134
Row 2	-0.475	-0.49	-0.404	-0.315	-0.434	-0.115
Row 1 - Root	-0.418	-0.461	-0.521	-0.315	-0.21	-0.137

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.12991	-0.18327	-0.18153	-0.01946	-0.08993	-0.0209
Row 5	-0.08195	-0.08234	-0.22167	0.12218	-0.30284	0.03447
Row 4	-0.06895	-0.00087	0.02758	-0.02287	0.06065	0.00131
Row 3	0.07305	0.06545	0.13108	-0.09402	0.10102	0.07645
Row 2	0.31868	0.2856	0.19985	0.24742	0.36098	0.1279
Row 1 - Root	0.22385	0.31156	0.36611	0.29708	0.16076	0.13523

Record 144: DC Q=33 Alpha=30 Beta=+2 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.32	-0.307	-0.359	-0.249	-0.06	-0.03
Row 5	-0.331	-0.289	-0.317	-0.122	-0.344	-0.047
Row 4	-0.521	-0.374	-0.328	-0.164	-0.183	-0.167
Row 3	-0.398	-0.315	-0.224	-0.245	-0.14	-0.057
Row 2	-0.113	-0.183	-0.198	-0.033	-0.076	0.015
Row 1 - Root	-0.087	-0.107	-0.153	-0.013	-0.039	0.005

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.335	-0.299	-0.4	-0.152	-0.026	-0.057
Row 5	-0.349	-0.336	-0.298	-0.333	-0.118	-0.082
Row 4	-0.428	-0.417	-0.403	-0.336	-0.315	-0.221
Row 3	-0.425	-0.425	-0.401	-0.266	-0.328	-0.209
Row 2	-0.436	-0.465	-0.368	-0.399	-0.522	-0.219
Row 1 - Root	-0.413	-0.446	-0.502	-0.405	-0.293	-0.216

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.0154	-0.00785	0.04145	-0.09626	-0.03412	0.02666
Row 5	0.01754	0.04769	-0.01876	0.2112	-0.22604	0.03535
Row 4	-0.09251	0.04276	0.07514	0.17219	0.13135	0.05367
Row 3	0.02723	0.10953	0.1769	0.02162	0.18777	0.15281
Row 2	0.3226	0.28141	0.17062	0.36655	0.44531	0.23415
Row 1 - Root	0.32553	0.33975	0.34865	0.39199	0.25457	0.22076

Record 146: DC Q=33 Alpha=30 Beta=0 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.278	-0.24	-0.278	-0.166	-0.044	-0.019
Row 5	-0.279	-0.163	-0.249	-0.096	-0.343	-0.009
Row 4	-0.43	-0.279	-0.227	-0.141	-0.165	-0.15
Row 3	-0.278	-0.203	-0.119	-0.318	-0.156	-0.009
Row 2	0.003	-0.092	-0.145	-0.024	-0.078	0.017
Row 1 - Root	0.06	-0.021	-0.129	-0.011	-0.061	-0.009

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.491	-0.292	-0.413	-0.275	-0.057	-0.105
Row 5	-0.475	-0.365	-0.299	-0.338	-0.144	-0.112
Row 4	-0.452	-0.443	-0.435	-0.353	-0.341	-0.251
Row 3	-0.44	-0.444	-0.447	-0.272	-0.353	-0.238
Row 2	-0.46	-0.466	-0.444	-0.458	-0.559	-0.238
Row 1 - Root	-0.431	-0.441	-0.505	-0.443	-0.332	-0.246

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.21308	0.05149	0.13484	0.10927	0.01322	0.08601
Row 5	0.19601	0.20042	0.04975	0.23956	-0.19985	0.12131
Row 4	0.02225	0.16407	0.2078	0.21233	0.17585	0.10124
Row 3	0.16207	0.23869	0.32788	0.05609	0.22642	0.19296
Row 2	0.46268	0.37415	0.29935	0.43375	0.48076	0.2544
Row 1 - Root	0.49135	0.42009	0.37615	0.43257	0.28861	0.2417

Record 148: DC Q=33 Alpha=30 Beta=-2 FENCE ON

INSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.265	-0.223	-0.295	-0.161	-0.05	-0.024
Row 5	-0.2	-0.157	-0.211	-0.093	-0.353	-0.066
Row 4	-0.27	-0.159	-0.151	-0.111	-0.155	-0.138
Row 3	-0.147	-0.117	-0.085	-0.116	-0.089	-0.039
Row 2	0.147	-0.013	-0.124	-0.015	-0.048	0.02
Row 1 - Root	0.237	0.041	-0.123	-0.014	-0.054	-0.016

OUTSIDE Surface	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	-0.484	-0.338	-0.453	-0.206	-0.073	-0.11
Row 5	-0.364	-0.367	-0.247	-0.367	-0.192	-0.191
Row 4	-0.348	-0.393	-0.416	-0.365	-0.377	-0.305
Row 3	-0.401	-0.383	-0.399	-0.321	-0.396	-0.294
Row 2	-0.514	-0.442	-0.38	-0.463	-0.593	-0.288
Row 1 - Root	-0.461	-0.455	-0.486	-0.432	-0.355	-0.272

DIFFERENCE	Column 1-LR	Column 2	Column 3	Column 4	Column 5	Column 6-TL
Row 6 - Tip	0.21875	0.1152	0.15753	0.04512	0.02247	0.08513
Row 5	0.16351	0.21002	0.03665	0.27491	-0.16145	0.1248
Row 4	0.07855	0.23354	0.26496	0.25466	0.22255	0.16669
Row 3	0.2537	0.26662	0.31392	0.20469	0.30682	0.25449
Row 2	0.66122	0.42922	0.25571	0.44727	0.54535	0.30781
Row 1 - Root	0.69775	0.49593	0.36218	0.41856	0.30127	0.2561

Record 150: DC Q=33 Alpha=30 Beta=-4 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.167	-0.169	-0.366	-0.172	-0.076	-0.052
Row 5	-0.11	-0.048	-0.192	-0.101	-0.378	-0.028
Row 4	-0.179	-0.12	-0.136	-0.118	-0.156	-0.144
Row 3	0.012	-0.022	-0.057	-0.197	-0.122	-0.025
Row 2	0.319	0.068	-0.105	-0.059	-0.089	0.002
Row 1 - Root	0.414	0.083	-0.135	-0.035	-0.079	-0.024

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.367	-0.32	-0.442	-0.21	-0.086	-0.131
Row 5	-0.359	-0.443	-0.231	-0.366	-0.177	-0.159
Row 4	-0.425	-0.387	-0.399	-0.391	-0.393	-0.287
Row 3	-0.514	-0.391	-0.389	-0.286	-0.389	-0.295
Row 2	-0.557	-0.467	-0.377	-0.467	-0.58	-0.276
Row 1 - Root	-0.595	-0.495	-0.507	-0.412	-0.333	-0.259

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.19999	0.15055	0.07593	0.03814	0.00977	0.07903
Row 5	0.24964	0.39504	0.03884	0.26487	-0.19898	0.13135
Row 4	0.24567	0.26797	0.26321	0.27299	0.23695	0.14313
Row 3	0.5321	0.36305	0.33137	0.08925	0.26727	0.25231
Row 2	0.87548	0.53477	0.27185	0.408	0.49058	0.27849
Row 1 - Root	1.00887	0.58041	0.36873	0.37244	0.25457	0.22556

Record 152: DC Q=33 Alpha=30 Beta=-6 FENCE ON

INSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.097	-0.117	-0.264	-0.157	-0.09	-0.045
Row 5	0.04	0.035	-0.146	-0.107	-0.403	-0.047
Row 4	0.016	-0.02	-0.118	-0.138	-0.179	-0.181
Row 3	0.192	0.032	-0.06	-0.153	-0.13	-0.084
Row 2	0.434	0.094	-0.142	-0.107	-0.106	-0.048
Row 1 - Root	0.47	0.051	-0.196	-0.093	-0.128	-0.076

OUTSIDE Surface	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	-0.453	-0.366	-0.525	-0.259	-0.15	-0.21
Row 5	-0.399	-0.428	-0.256	-0.425	-0.248	-0.246
Row 4	-0.435	-0.352	-0.377	-0.403	-0.422	-0.347
Row 3	-0.518	-0.379	-0.356	-0.31	-0.401	-0.298
Row 2	-0.572	-0.512	-0.362	-0.424	-0.572	-0.296
Row 1 - Root	-0.568	-0.446	-0.465	-0.411	-0.33	-0.272

DIFFERENCE	Column 1-LE	Column 2	Column 3	Column 4	Column 5	Column 6-TE
Row 6 - Tip	0.35577	0.2496	0.26051	0.10185	0.06	0.16499
Row 5	0.43937	0.46268	0.10953	0.31767	-0.15491	0.19898
Row 4	0.4512	0.33199	0.25972	0.26513	0.24305	0.16669
Row 3	0.71014	0.41105	0.29559	0.15689	0.27027	0.21434
Row 2	1.00639	0.60559	0.21993	0.3168	0.4668	0.24777
Row 1 - Root	1.03767	0.49667	0.26836	0.31876	0.20177	0.19676

Record 154: DC Q-33 Alpha=30 Beta=-10 FENCE ON

DIFFERENCE	Column 1-1E	Column 2	Column 3	Column 4	Column 5	Column 6-1E
Row 6 - Tip	-0.007	-0.024	-0.199	-0.157	-0.175	-0.034
Row 5	0.209	0.108	-0.156	-0.177	-0.088	-0.007
Row 4	0.184	-0.02	-0.167	-0.185	-0.187	-0.18
Row 3	0.262	0.009	-0.15	-0.200	-0.100	-0.009
Row 2	0.423	0.032	-0.243	-0.155	-0.14	-0.036
Row 1 - Root	0.418	-0.002	-0.399	-0.130	-0.100	-0.001

OUTSIDE SURFACE	Column 1-1E	Column 2	Column 3	Column 4	Column 5	Column 6-1E
Row 6 - Tip	-0.623	-0.508	-0.53	-0.387	-0.17	-0.275
Row 5	-0.642	-0.504	-0.35	-0.398	-0.286	-0.209
Row 4	-0.686	-0.48	-0.382	-0.337	-0.334	-0.24
Row 3	-0.75	-0.582	-0.381	-0.202	-0.292	-0.187
Row 2	-0.889	-0.814	-0.394	-0.319	-0.446	-0.16
Row 1 - Root	-1.176	-0.967	-0.536	-0.295	-0.186	-0.168

DIFFERENCE	Column 1-1E	Column 2	Column 3	Column 4	Column 5	Column 6-1E
Row 6 - Tip	0.61584	0.48393	0.3312	0.23014	-0.00467	0.24179
Row 5	0.85047	0.6058	0.19331	0.22167	-0.17978	0.15185
Row 4	0.86967	0.46015	0.21521	0.15212	0.14749	0.05935
Row 3	1.03261	0.61091	0.23101	-0.08093	0.12338	0.1214
Row 2	1.31228	0.84616	0.15055	0.16451	0.30556	0.12384
Row 1 - Root	1.5936	0.88516	0.22778	0.15853	0.04076	0.10643

Root-Mean-Square Pressure Coefficient Differentials

Steady pressure coefficient differentials are listed for every transducer station from each test condition. The relevant dynamic pressure, angle-of-attack, angle-of-sideslip, and use of the LEX fence are listed above the pressure coefficient differential table for each test condition.

Record 9: Q=33 Alpha=20 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.46255	0.3504	0.26705	0.20291	0.20553	0.16407
Row 5	0.59345	0.32509	0.20073	0.17455	0.168	0.14749
Row 4	0.37396	0.25265	0.18851	0.16451	0.12611	0.12611
Row 3	0.31767	0.2208	0.16276	0.13789	0.12305	0.13135
Row 2	0.40625	0.24273	0.16625	0.18458	0.18382	0.18065
Row 1 - Root	0.43331	0.1776	0.15971	0.25789	0.24698	0.20727

Record 11: Q=33 Alpha=24 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.43593	0.32465	0.26575	0.19811	0.16233	0.13091
Row 5	0.44073	0.35476	0.29062	0.19942	0.18022	0.15404
Row 4	0.43593	0.37789	0.30327	0.22778	0.17498	0.16058
Row 3	0.4224	0.3552	0.28015	0.23607	0.18895	0.19025
Row 2	0.41018	0.31735	0.24305	0.26269	0.24065	0.2256
Row 1 - Root	0.47127	0.26095	0.2064	0.29629	0.28538	0.24829

Record 12: Q=33 Alpha=26 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.42676	0.3312	0.28058	0.19724	0.18415	0.14307
Row 5	0.46255	0.37396	0.30807	0.2448	0.2016	0.17367
Row 4	0.46255	0.40582	0.32465	0.25353	0.19636	0.18371
Row 3	0.45382	0.37833	0.30022	0.23869	0.19244	0.19811
Row 2	0.44073	0.34495	0.25876	0.25658	0.24458	0.22255
Row 1 - Root	0.48873	0.30196	0.22342	0.31418	0.30676	0.2592

Record 15: Q=33 Alpha=28 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.43593	0.34342	0.30022	0.21644	0.20247	0.16145
Row 5	0.45382	0.3888	0.33164	0.22953	0.20509	0.1776
Row 4	0.47564	0.42545	0.34211	0.29891	0.21731	0.2016
Row 3	0.49309	0.40364	0.31724	0.26793	0.21251	0.21949
Row 2	0.48436	0.38389	0.29411	0.28451	0.26553	0.25309
Row 1 - Root	0.54545	0.35345	0.25876	0.32204	0.312	0.27971

Record 17: Q=33 Alpha=30 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.41062	0.33164	0.29498	0.21425	0.19855	0.15884
Row 5	0.44945	0.37964	0.33033	0.23695	0.21556	0.19462
Row 4	0.47564	0.44073	0.36	0.28276	0.22691	0.21295
Row 3	0.52364	0.432	0.34473	0.27491	0.21644	0.22909
Row 2	0.52364	0.41662	0.32073	0.30415	0.26585	0.24349
Row 1 - Root	0.57164	0.39011	0.29978	0.32815	0.29935	0.25309

Record 19: Q=33 Alpha=32 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.37091	0.31811	0.29455	0.2256	0.21513	0.17978
Row 5	0.42764	0.37353	0.33338	0.25047	0.25571	0.21076
Row 4	0.51491	0.44945	0.36916	0.29411	0.23564	0.21862
Row 3	0.56727	0.45818	0.36175	0.29847	0.2208	0.24349
Row 2	0.57164	0.45709	0.35782	0.31244	0.27611	0.25876
Row 1 - Root	0.65891	0.44073	0.31549	0.3408	0.31244	0.26618

Record 23: Q=33 Alpha=36 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.23825	0.23956	0.22167	0.192	0.18807	0.16015
Row 5	0.288	0.27316	0.2496	0.21076	0.20422	0.19942
Row 4	0.41105	0.36305	0.30764	0.26749	0.22778	0.22909
Row 3	0.48436	0.40145	0.33251	0.29455	0.23215	0.25658
Row 2	0.51491	0.42044	0.35389	0.35695	0.31615	0.31156
Row 1 - Root	0.58909	0.41149	0.3312	0.40713	0.36393	0.29455

Record 26: Q=33 Alpha=40 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.26007	0.24305	0.22691	0.19855	0.23171	0.17847
Row 5	0.29804	0.25833	0.23738	0.21076	0.22124	0.22298
Row 4	0.36175	0.31898	0.27665	0.24524	0.21076	0.216
Row 3	0.4176	0.33513	0.29455	0.27884	0.2208	0.24393
Row 2	0.44509	0.37156	0.32902	0.33905	0.28527	0.26138
Row 1 - Root	0.54109	0.37702	0.33469	0.35389	0.31985	0.2544

Record 27: Q=20 Alpha=28 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.45864	0.34848	0.29736	0.2232	0.2124	0.1692
Row 5	0.45576	0.39312	0.32976	0.24408	0.21384	0.18648
Row 4	0.48528	0.44136	0.35568	0.27792	0.22392	0.198
Row 3	0.50112	0.40896	0.3312	0.27504	0.22032	0.216
Row 2	0.46224	0.37584	0.31176	0.30816	0.2781	0.25272
Row 1 - Root	0.51264	0.3204	0.27288	0.34704	0.3312	0.27936

Record 30: Q=20 Alpha=26 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.41904	0.3276	0.27648	0.19872	0.18432	0.14184
Row 5	0.44496	0.37584	0.31176	0.2232	0.18936	0.17928
Row 4	0.45864	0.41328	0.33192	0.25272	0.20592	0.1872
Row 3	0.47448	0.38808	0.30168	0.24984	0.20304	0.20808
Row 2	0.46944	0.35694	0.26496	0.27072	0.26028	0.2412
Row 1 - Root	0.51624	0.30528	0.22536	0.324	0.32616	0.28584

Record 37: Q=33 Alpha=30 Beta=+16 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.40407	0.31985	0.24916	0.20029	0.21425	0.1584
Row 5	0.38182	0.32465	0.24873	0.17455	0.15927	0.15491
Row 4	0.30196	0.26138	0.20335	0.14269	0.12262	0.1104
Row 3	0.2953	0.2229	0.18196	0.12436	0.10647	0.10953
Row 2	0.16276	0.17815	0.16582	0.14007	0.13276	0.1152
Row 1 - Root	0.11825	0.16102	0.16233	0.18415	0.16931	0.13833

Record 40: Q=33 Alpha=30 Beta=+10 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.30284	0.26705	0.23476	0.18153	0.18022	0.15229
Row 5	0.22036	0.22822	0.216	0.15753	0.16189	0.15491
Row 4	0.17062	0.1776	0.17149	0.15229	0.13222	0.12873
Row 3	0.14313	0.16538	0.16669	0.15316	0.12305	0.14051
Row 2	0.13527	0.16549	0.18284	0.19244	0.17684	0.16102
Row 1 - Root	0.19069	0.17847	0.19069	0.25004	0.23084	0.19331

Record 41: Q=33 Alpha=30 Beta=+6 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.24349	0.22124	0.20509	0.18153	0.16582	0.14531
Row 5	0.21295	0.2304	0.21295	0.17673	0.17629	0.17105
Row 4	0.22429	0.25964	0.25615	0.22124	0.16145	0.16276
Row 3	0.26749	0.28495	0.28015	0.23956	0.16538	0.19331
Row 2	0.3024	0.31713	0.31855	0.27665	0.22844	0.20815
Row 1 - Root	0.42502	0.36262	0.31418	0.30982	0.26356	0.21382

Record 44: Q=33 Alpha=30 Beta=+4 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.25658	0.22647	0.22211	0.17804	0.17411	0.14836
Row 5	0.29149	0.2832	0.25702	0.20335	0.2016	0.18458
Row 4	0.32858	0.35215	0.32945	0.28844	0.21469	0.20989
Row 3	0.3888	0.37004	0.34385	0.29498	0.21513	0.24131
Row 2	0.41018	0.38324	0.35956	0.33033	0.28615	0.26138
Row 1 - Root	0.54109	0.39316	0.32553	0.36131	0.33775	0.28887

Record 45: Q=33 Alpha=30 Beta=+2 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.29324	0.28451	0.26007	0.20247	0.20291	0.16582
Row 5	0.35695	0.33251	0.30633	0.22473	0.20291	0.19767
Row 4	0.42153	0.40058	0.35127	0.28844	0.21949	0.22211
Row 3	0.45818	0.41411	0.3552	0.29498	0.22211	0.25309
Row 2	0.47127	0.41596	0.3648	0.32029	0.28527	0.27011
Row 1 - Root	0.576	0.41367	0.32073	0.3456	0.32858	0.27622

Record 48: Q=33 Alpha=30 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.36436	0.32029	0.28451	0.216	0.20378	0.17498
Row 5	0.40844	0.36693	0.31942	0.23476	0.19985	0.17847
Row 4	0.44945	0.41716	0.34691	0.27185	0.20204	0.19593
Row 3	0.50182	0.41629	0.33993	0.27011	0.19505	0.22167
Row 2	0.50182	0.40669	0.33295	0.2928	0.25876	0.24829
Row 1 - Root	0.576	0.37571	0.28625	0.31462	0.29891	0.25484

Record 49: Q=33 Alpha=30 Beta=-2 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.53236	0.39447	0.31418	0.2208	0.19767	0.15753
Row 5	0.528	0.432	0.35171	.24	0.20684	0.17847
Row 4	0.55418	0.46255	0.36044	0.26662	0.23825	0.20378
Row 3	0.59345	0.42502	0.31811	0.2496	0.19811	0.21338
Row 2	0.58909	0.41804	0.28582	0.27971	0.25931	0.25047
Row 1 - Root	0.61964	0.37222	0.25833	0.32858	0.30895	0.26051

Record 52: Q=33 Alpha=30 Beta=-4 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.75055	0.48436	0.34167	0.23651	0.20553	0.16015
Row 5	0.68073	0.48	0.34909	0.22167	0.20945	0.17105
Row 4	0.69382	0.46255	0.32247	0.25527	0.19462	0.19069
Row 3	0.68945	0.41367	0.2928	0.26793	0.21862	0.22211
Row 2	0.61964	0.42131	0.30589	0.32029	0.28287	0.26749
Row 1 - Root	0.58036	0.34604	0.32073	0.40189	0.32509	0.27273

Record 53: Q=33 Alpha=30 Beta=-10 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.91636	0.55855	0.44073	0.38924	0.37091	0.29673
Row 5	0.85091	0.63273	0.50182	0.37876	0.32465	0.27535
Row 4	0.67636	0.56727	0.49309	0.24436	0.22996	0.19855
Row 3	0.528	0.50618	0.34167	0.2928	0.24218	0.21949
Row 2	0.37964	0.41553	0.34778	0.31331	0.25418	0.23302
Row 1 - Root	0.37309	0.42851	0.41193	0.27622	0.22822	0.19331

Record 56: Q=33 Alpha=30 Beta=-16 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.83782	0.46691	0.33862	0.29542	0.28582	0.22647
Row 5	0.81164	0.53236	0.37178	0.24567	0.22516	0.21033
Row 4	0.75491	0.51491	0.37745	0.2688	0.20684	0.1824
Row 3	0.672	0.48	0.36742	0.25571	0.1728	0.18895
Row 2	0.54545	0.44313	0.34604	0.27535	0.2184	0.18633
Row 1 - Root	0.52364	0.40102	0.3504	0.27753	0.23913	0.22909

Record 57: Q=33 Alpha=30 Beta=-6 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.96436	0.51491	0.32116	0.216	0.18807	0.14487
Row 5	0.89891	0.50618	0.29498	0.18109	0.16407	0.15098
Row 4	0.89018	0.48436	0.26182	0.21207	0.17149	0.18284
Row 3	0.80291	0.46691	0.25047	0.26138	0.21731	0.22865
Row 2	0.66764	0.43833	0.26138	0.34298	0.29356	0.27447
Row 1 - Root	0.528	0.35738	0.34429	0.39316	0.33949	0.27884

Record 61: Q=33 Alpha=35 Beta=+16 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.34865	0.30545	0.25265	0.21033	0.22822	0.2208
Row 5	0.26662	0.27709	0.23171	0.17062	0.17455	0.19985
Row 4	0.18153	0.18545	0.17629	0.16495	0.13876	0.15927
Row 3	0.1296	0.15622	0.16102	0.18589	0.13571	0.15927
Row 2	0.09862	0.13255	0.16189	0.19636	0.18513	0.18109
Row 1 - Root	0.08465	0.11345	0.1872	0.24655	0.22735	0.18415

Record 63: Q=33 Alpha=35 Beta=+10 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.22691	0.22036	0.19069	0.16058	0.16713	0.14967
Row 5	0.16145	0.18676	0.15884	0.14749	0.15884	0.15796
Row 4	0.13353	0.14356	0.15185	0.1488	0.12262	0.13702
Row 3	0.12829	0.14575	0.15796	0.16582	0.13789	0.16844
Row 2	0.11869	0.15153	0.17542	0.21818	0.19855	0.2016
Row 1 - Root	0.16015	0.16625	0.19418	0.27055	0.23651	0.20945

Record 66: Q=33 Alpha=35 Beta=+6 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.14705	0.15447	0.16102	0.14007	0.14749	0.12916
Row 5	0.16713	0.17236	0.17193	0.15011	0.15535	0.15535
Row 4	0.22385	0.22298	0.21687	0.21295	0.16582	0.17891
Row 3	0.26182	0.24436	0.336	0.27535	0.19113	0.216
Row 2	0.27273	0.26738	0.26924	0.29542	0.25091	0.2304
Row 1 - Root	0.35345	0.2832	0.26095	0.30545	0.28669	0.23433

Record 67: Q=33 Alpha=35 Beta=+4 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.16015	0.17367	0.2064	0.14182	0.1536	0.15273
Row 5	0.19636	0.20553	0.21033	0.17411	0.17498	0.16364
Row 4	0.26138	0.26793	0.25745	0.24218	0.18764	0.20116
Row 3	0.31636	0.29542	0.27927	0.26007	0.19113	0.22865
Row 2	0.33949	0.31713	0.30022	0.31113	0.26575	0.25222
Row 1 - Root	0.44073	0.33338	0.28844	0.36524	0.30851	0.25004

Record 70: Q=33 Alpha=35 Beta=+2 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.18458	0.19811	0.1968	0.1728	0.1776	0.15098
Row 5	0.24393	0.28975	0.24218	0.20204	0.20422	0.18982
Row 4	0.34385	0.34255	0.31025	0.27011	0.21164	0.21905
Row 3	0.408	0.38095	0.34102	0.30676	0.21338	0.24742
Row 2	0.44945	0.40375	0.36611	0.35084	0.29302	0.27185
Row 1 - Root	0.59782	0.41847	0.33164	0.48436	0.336	0.26618

Record 71: Q=33 Alpha=35 Beta=0 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.25091	0.26007	0.24044	0.21207	0.19244	0.168
Row 5	0.31287	0.29978	0.29236	0.22691	0.21556	0.20509
Row 4	0.42938	0.40015	0.34604	0.29498	0.22647	0.23433
Row 3	0.50182	0.41716	0.35411	0.30633	0.21993	0.26325
Row 2	0.54545	0.43287	0.34691	0.33644	0.29193	0.27796
Row 1 - Root	0.64582	0.42196	0.31331	0.36436	0.33338	0.28233

Record 74: Q=33 Alpha=35 Beta=-2 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.41804	0.35956	0.31113	0.2448	0.21949	0.17847
Row 5	0.46691	0.40625	0.35127	0.27578	0.24524	0.28625
Row 4	0.54982	0.46255	0.38487	0.3312	0.25789	0.2592
Row 3	0.61091	0.45818	0.38815	0.33818	0.23913	0.27316
Row 2	0.61091	0.46844	0.37135	0.36524	0.31582	0.29673
Row 1 - Root	0.66764	0.43331	0.33382	0.39142	0.36218	0.30458

Record 75: Q=33 Alpha=35 Beta=-4 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.56727	0.45382	0.35476	0.26531	0.22909	0.17978
Row 5	0.59782	0.45818	0.35825	0.25964	0.22342	0.20771
Row 4	0.672	0.49309	0.35782	0.30022	0.23738	0.24349
Row 3	0.70255	0.45818	0.37004	0.32945	0.25309	0.27622
Row 2	0.66764	0.47422	0.33469	0.37658	0.32335	0.30022
Row 1 - Root	0.64145	0.43636	0.35215	0.40756	0.36349	0.2832

Record 78: Q=33 Alpha=35 Beta=-6 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.70691	0.52364	0.36044	0.26487	0.23171	0.18895
Row 5	0.76364	0.52364	0.36087	0.23345	0.21775	0.19593
Row 4	0.79855	0.49745	0.32247	0.27055	0.216	0.22342
Row 3	0.76364	0.45818	0.34996	0.3072	0.24218	0.26487
Row 2	0.64582	0.45709	0.312	0.35651	0.31691	0.30545
Row 1 - Root	0.59345	0.41236	0.35738	0.39447	0.36349	0.3024

Record 79: Q=33 Alpha=35 Beta=-10 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	1.13018	0.75055	0.51491	0.3456	0.30109	0.23345
Row 5	1.03418	0.73745	0.51055	0.29193	0.23825	0.20422
Row 4	0.864	0.65018	0.39142	0.29105	0.19069	0.20116
Row 3	0.70691	0.55418	0.42742	0.34124	0.27011	0.27884
Row 2	0.55418	0.5148	0.42284	0.42807	0.342	0.33164
Row 1 - Root	0.55855	0.528	0.43636	0.3984	0.33818	0.29062

Record 82: Q=33 Alpha=35 Beta=-16 FENCE OFF

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	1.09527	0.63709	0.46691	0.35171	0.34604	0.31069
Row 5	0.98182	0.63273	0.46691	0.35084	0.29367	0.24698
Row 4	0.864	0.58909	0.41716	0.32509	0.21207	0.19375
Row 3	0.78545	0.55418	0.43549	0.3168	0.18415	0.21513
Row 2	0.68073	0.54327	0.45382	0.31549	0.27524	0.26967
Row 1 - Root	0.65018	0.48436	0.3648	0.33905	0.33164	0.25702

Record 87: Q=33 Alpha=20 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.22909	0.28189	0.06065	0.06022	0.07025	0.06851
Row 5	0.55855	0.07855	0.0768	0.09862	0.07724	0.06022
Row 4	0.15884	0.10429	0.09775	0.09076	0.07505	0.07724
Row 3	0.19025	0.14531	0.13702	0.13353	0.08815	0.08596
Row 2	0.26182	0.17542	0.14705	0.12131	0.10745	0.08815
Row 1 - Root	0.22647	0.14749	0.13876	0.15142	0.13222	0.11302

Record 90: Q=33 Alpha=24 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.36349	0.21949	0.15665	0.1296	0.12916	0.09295
Row 5	0.26618	0.19418	0.15404	0.12655	0.13484	0.12393
Row 4	0.20247	0.1824	0.15404	0.12611	0.09425	0.10211
Row 3	0.18327	0.16145	0.14967	0.13964	0.11302	0.13091
Row 2	0.19636	0.16069	0.15273	0.18022	0.16353	0.15229
Row 1 - Root	0.22385	0.13222	0.15273	0.21251	0.20858	0.17804

Record 91: Q=33 Alpha=26 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.33513	0.23345	0.18458	0.14007	0.12873	0.1008
Row 5	0.2832	0.22865	0.18982	0.14051	0.14749	0.1296
Row 4	0.22516	0.23607	0.20684	0.17018	0.14269	0.13615
Row 3	0.22604	0.22298	0.19942	0.19636	0.17236	0.16407
Row 2	0.24262	0.21055	0.19811	0.22167	0.20345	0.1824
Row 1 - Root	0.29149	0.17847	0.1872	0.25309	0.23738	0.19069

Record 94: Q=33 Alpha=28 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.25178	0.2064	0.16887	0.12567	0.11869	0.09644
Row 5	0.23738	0.21644	0.19156	0.14313	0.14793	0.13004
Row 4	0.23127	0.24916	0.23345	0.20029	0.14705	0.15316
Row 3	0.25615	0.25135	0.22865	0.21033	0.15622	0.17673
Row 2	0.29018	0.24524	0.2256	0.23825	0.21055	0.19025
Row 1 - Root	0.35564	0.21382	0.20727	0.27491	0.25745	0.20902

Record 96: Q=33 Alpha=30 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.24044	0.2112	0.192	0.1488	0.13876	0.11215
Row 5	0.24436	0.23956	0.2208	0.16538	0.16015	0.14662
Row 4	0.26705	0.29018	0.26924	0.22996	0.16407	0.17498
Row 3	0.30327	0.29978	0.27578	0.24567	0.17673	0.20073
Row 2	0.3408	0.29771	0.27971	0.27535	0.23509	0.20684
Row 1 - Root	0.41105	0.27055	0.25615	0.29847	0.28145	0.22604

Record 98: Q=33 Alpha=32 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.22298	0.22167	0.20858	0.16538	0.15971	0.13047
Row 5	0.25833	0.25789	0.24611	0.19069	0.1872	0.17236
Row 4	0.31025	0.32073	0.29585	0.25789	0.19287	0.20029
Row 3	0.36873	0.33469	0.30153	0.27229	0.19811	0.22647
Row 2	0.40189	0.33655	0.30153	0.30196	0.26007	0.23825
Row 1 - Root	0.47127	0.30807	0.27491	0.32335	0.30196	0.24829

Record 102: Q=33 Alpha=36 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.18284	0.1968	0.19636	0.17367	0.17542	0.15404
Row 5	0.23171	0.23258	0.23302	0.20465	0.23171	0.20902
Row 4	0.31985	0.30938	0.30327	0.27971	0.22778	0.24785
Row 3	0.39055	0.34036	0.30851	0.30109	0.23215	0.27185
Row 2	0.42371	0.35891	0.32029	0.33338	0.29815	0.28145
Row 1 - Root	0.51055	0.35127	0.30415	0.36262	0.3456	0.28844

Record 104: Q=33 Alpha=40 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.23564	0.22735	0.21775	0.18938	0.19244	0.17455
Row 5	0.28276	0.2515	0.23869	0.20378	0.21556	0.21731
Row 4	0.35084	0.29498	0.26924	0.24087	0.19244	0.20422
Row 3	0.41105	0.31156	0.28713	0.264	0.19462	0.21905
Row 2	0.46255	0.36033	0.3072	0.29411	0.25407	0.24087
Row 1 - Root	0.54545	0.36	0.31331	0.312	0.28669	0.23695

Record 106: Q=20 Alpha=26 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.31824	0.22104	0.17352	0.13104	0.12168	0.09432
Row 5	0.26136	0.21528	0.17712	0.12888	0.1548	0.1296
Row 4	0.21168	0.22176	0.19224	0.15552	0.12024	0.12456
Row 3	0.21672	0.216	0.1872	0.18144	0.14616	0.15192
Row 2	0.24912	0.20844	0.18936	0.20448	0.18576	0.17064
Row 1 - Root	0.31104	0.17928	0.17136	0.23904	0.22176	0.19224

Record 108: Q=20 Alpha=28 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.26856	0.21672	0.18072	0.1296	0.12168	0.09936
Row 5	0.27144	0.23616	0.19656	0.1404	0.14328	0.13032
Row 4	0.25056	0.26928	0.23616	0.18792	0.13968	0.1476
Row 3	0.26928	0.26496	0.2412	0.2124	0.15624	0.17496
Row 2	0.2952	0.2547	0.24192	0.23688	0.21078	0.1944
Row 1 - Root	0.3456	0.21672	0.216	0.27	0.2556	0.21312

Record 114: Q=33 Alpha=35 Beta=+16 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.31462	0.30545	0.26182	0.20902	0.21731	0.19375
Row 5	0.25353	0.26007	0.24044	0.17018	0.16931	0.18589
Row 4	0.17105	0.19069	0.1776	0.1584	0.13091	0.14444
Row 3	0.11913	0.14705	0.16145	0.16102	0.13571	0.14967
Row 2	0.0912	0.12589	0.15447	0.18982	0.1776	0.16756
Row 1 - Root	0.07898	0.11084	0.17411	0.24785	0.21731	0.18153

Record 116: Q=33 Alpha=35 Beta=+10 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.18676	0.18851	0.16756	0.13658	0.15316	0.13396
Row 5	0.14269	0.16145	0.14924	0.12611	0.15796	0.13309
Row 4	0.12873	0.13702	0.14138	0.13658	0.10822	0.12873
Row 3	0.12393	0.1392	0.14749	0.16102	0.13484	0.15796
Row 2	0.12698	0.15338	0.17105	0.22385	0.20215	0.20378
Row 1 - Root	0.18153	0.17629	0.18022	0.2688	0.24611	0.21687

Record 118: Q=33 Alpha=35 Beta=+6 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.14531	0.13527	0.13527	0.12262	0.13135	0.11913
Row 5	0.1728	0.16233	0.15927	0.144	0.16058	0.15447
Row 4	0.20596	0.21513	0.21862	0.22036	0.17455	0.19549
Row 3	0.2544	0.25178	0.25091	0.26836	0.216	0.24087
Row 2	0.27185	0.27742	0.28058	0.31418	0.27469	0.25571
Row 1 - Root	0.35127	0.30545	0.28058	0.33295	0.31287	0.24655

Record 120: Q=33 Alpha=35 Beta=+4 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.14749	0.14705	0.13527	0.12131	0.13265	0.11869
Row 5	0.17585	0.19593	0.16713	0.14662	0.16713	0.16058
Row 4	0.22996	0.23302	0.22124	0.21993	0.17411	0.20422
Row 3	0.27447	0.26356	0.28582	0.26575	0.20378	0.23258
Row 2	0.31287	0.29935	0.29935	0.29585	0.26662	0.2544
Row 1 - Root	0.4224	0.3216	0.28189	0.33164	0.31244	0.2592

Record 122: Q=33 Alpha=35 Beta=+2 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.168	0.17847	0.17585	0.15535	0.15796	0.13571
Row 5	0.20378	0.21207	0.21556	0.19331	0.19505	0.18676
Row 4	0.26444	0.29149	0.27185	0.27229	0.21076	0.22342
Row 3	0.31549	0.32029	0.30109	0.28756	0.22442	0.26182
Row 2	0.34647	0.33218	0.31724	0.32902	0.28735	0.26749
Row 1 - Root	0.48	0.34473	0.29673	0.36	0.32945	0.26618

Record 124: Q=33 Alpha=35 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.18895	0.19724	0.18982	0.16844	0.16407	0.14618
Row 5	0.23651	0.23476	0.23171	0.20073	0.20073	0.19636
Row 4	0.30502	0.30502	0.28887	0.28538	0.22211	0.24044
Row 3	0.35607	0.3216	0.28844	0.29149	0.22778	0.26356
Row 2	0.39971	0.33938	0.30807	0.31724	0.29105	0.2784
Row 1 - Root	0.49309	0.32815	0.28713	0.35215	0.3408	0.28756

Record 126: Q=33 Alpha=35 Beta=-2 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.28844	0.27665	0.25876	0.21207	0.19069	0.16276
Row 5	0.35825	0.31724	0.29193	0.23476	0.22167	0.20945
Row 4	0.44073	0.37615	0.32465	0.31113	0.23913	0.2448
Row 3	0.50182	0.37789	0.33644	0.30807	0.23607	0.25527
Row 2	0.50182	0.3924	0.33905	0.33556	0.28953	0.26051
Row 1 - Root	0.58036	0.35084	0.31942	0.35956	0.32596	0.25833

Record 128: Q=33 Alpha=35 Beta=-4 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.34473	0.31156	0.26749	0.21949	0.19156	0.16582
Row 5	0.40713	0.33905	0.29193	0.22778	0.22036	0.21164
Row 4	0.48873	0.37353	0.312	0.28975	0.23476	0.24393
Row 3	0.54982	0.36436	0.32989	0.2976	0.24	0.27535
Row 2	0.576	0.40124	0.31418	0.33076	0.29411	0.27316
Row 1 - Root	0.60218	0.3504	0.3216	0.3552	0.33251	0.27447

Record 130: Q=33 Alpha=35 Beta=-6 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.44945	0.33818	0.24829	0.216	0.17847	0.15971
Row 5	0.51055	0.35825	0.26225	0.19025	0.18327	0.17498
Row 4	0.576	0.35913	0.25527	0.22429	0.17585	0.192
Row 3	0.58473	0.35564	0.2736	0.25615	0.20116	0.2112
Row 2	0.576	0.39524	0.28582	0.31069	0.26695	0.24567
Row 1 - Root	0.57164	0.36349	0.30153	0.33556	0.31025	0.25265

Record 132: Q=33 Alpha=35 Beta=-10 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.88145	0.54982	0.3648	0.27491	0.21469	0.17673
Row 5	0.83345	0.55855	0.3648	0.20939	0.18109	0.16102
Row 4	0.68509	0.48	0.3456	0.22298	0.16145	0.17149
Row 3	0.57164	0.47127	0.34124	0.27229	0.18589	0.20073
Row 2	0.49745	0.47204	0.36524	0.28625	0.22582	0.20989
Row 1 - Root	0.54545	0.55418	0.42502	0.25396	0.22124	0.17716

Record 134: Q=33 Alpha=35 Beta=-16 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.99927	0.59345	0.46255	0.32989	0.29891	0.24393
Row 5	0.90327	0.58036	0.42371	0.29411	0.26356	0.24262
Row 4	0.74618	0.51491	0.34735	0.26313	0.19549	0.18065
Row 3	0.66764	0.48	0.3648	0.24044	0.19505	0.18153
Row 2	0.576	0.468	0.38356	0.23189	0.22625	0.19549
Row 1 - Root	0.58036	0.43244	0.31942	0.2592	0.23258	0.18545

Record 136: Q=33 Alpha=30 Beta=+16 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.44073	0.3312	0.26575	0.20465	0.22865	0.16276
Row 5	0.39316	0.32204	0.25789	0.17193	0.15273	0.14967
Row 4	0.29455	0.26444	0.20684	0.14444	0.11651	0.10865
Row 3	0.20073	0.21687	0.18284	0.1296	0.11345	0.11258
Row 2	0.15404	0.17127	0.16451	0.14531	0.13735	0.12131
Row 1 - Root	0.12131	0.14967	0.16931	0.1872	0.16931	0.16495

Record 138: Q=33 Alpha=30 Beta=+10 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.30065	0.24873	0.20902	0.16931	0.16844	0.14662
Row 5	0.23258	0.22429	0.19505	0.1488	0.15011	0.14836
Row 4	0.1536	0.17149	0.17018	0.14138	0.11389	0.11345
Row 3	0.12698	0.13833	0.15491	0.15011	0.11345	0.12698
Row 2	0.12785	0.14924	0.16233	0.18415	0.16713	0.15229
Row 1 - Root	0.17891	0.16844	0.1776	0.23738	0.21862	0.18022

Record 140: Q=33 Alpha=30 Beta=+6 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.21164	0.18022	0.16669	0.14007	0.14051	0.17105
Row 5	0.19156	0.18153	0.16276	0.14182	0.15447	0.14575
Row 4	0.18851	0.20684	0.20509	0.18196	0.13047	0.13789
Row 3	0.21993	0.23825	0.2304	0.21382	0.14967	0.17367
Row 2	0.2448	0.26804	0.27273	0.25964	0.22298	0.20553
Row 1 - Root	0.36393	0.31636	0.27055	0.29804	0.27709	0.23607

Record 142: Q=33 Alpha=30 Beta=+4 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.22211	0.18764	0.17149	0.14662	0.13702	0.11345
Row 5	0.20989	0.19985	0.18676	0.15273	0.16233	0.14487
Row 4	0.23215	0.25265	0.24436	0.20553	0.1488	0.15884
Row 3	0.26095	0.28015	0.26007	0.22996	0.15753	0.1872
Row 2	0.28582	0.29531	0.2928	0.26924	0.22844	0.20771
Row 1 - Root	0.39316	0.32247	0.28451	0.30851	0.27927	0.22036

Record 144: Q=33 Alpha=30 Beta=+2 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.19113	0.1824	0.16364	0.13178	0.13265	0.11215
Row 5	0.19505	0.19724	0.18807	0.15055	0.1584	0.14705
Row 4	0.21993	0.2448	0.23738	0.21207	0.15316	0.16145
Row 3	0.25615	0.27055	0.25222	0.23215	0.16931	0.19536
Row 2	0.28669	0.276	0.26749	0.26269	0.23269	0.21513
Row 1 - Root	0.38138	0.27927	0.24655	0.30065	0.28364	0.23302

Record 146: Q=33 Alpha=30 Beta=0 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.2352	0.21556	0.19375	0.1488	0.14095	0.11956
Row 5	0.26182	0.25091	0.22778	0.16844	0.16669	0.15229
Row 4	0.27753	0.29411	0.26662	0.22953	0.16451	0.16931
Row 3	0.31025	0.29847	0.27011	0.25047	0.1872	0.2208
Row 2	0.3456	0.29705	0.27447	0.27753	0.24109	0.21338
Row 1 - Root	0.41149	0.26967	0.25396	0.30807	0.28625	0.24524

Record 148: Q=33 Alpha=30 Beta=-2 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.23956	0.22604	0.2064	0.15447	0.14182	0.13876
Row 5	0.25527	0.24393	0.22124	0.17105	0.15535	0.14095
Row 4	0.29716	0.27709	0.24393	0.21164	0.16102	0.17542
Row 3	0.34996	0.27622	0.23476	0.2256	0.18022	0.20291
Row 2	0.39142	0.28167	0.23127	0.26051	0.2328	0.21207
Row 1 - Root	0.43244	0.22778	0.23215	0.29629	0.2784	0.22822

Record 150: Q=33 Alpha=30 Beta=-4 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.27535	0.25135	0.22429	0.16451	0.14051	0.11825
Row 5	0.29847	0.26793	0.23433	0.168	0.15404	0.16582
Row 4	0.36567	0.2832	0.23302	0.20073	0.15142	0.15971
Row 3	0.42371	0.26618	0.21949	0.21905	0.19156	0.18022
Row 2	0.44073	0.29029	0.20989	0.25004	0.22582	0.19593
Row 1 - Root	0.45382	0.24436	0.23695	0.288	0.26575	0.21295

Record 152: Q=33 Alpha=30 Beta=-6 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.38313	0.27142	0.19593	0.14313	0.12262	0.11084
Row 5	0.4176	0.27665	0.19113	0.12611	0.12175	0.11258
Row 4	0.51055	0.28887	0.1776	0.16669	0.13178	0.15142
Row 3	0.52364	0.27316	0.18109	0.20989	0.17673	0.18938
Row 2	0.48436	0.31233	0.21949	0.25745	0.22876	0.21818
Row 1 - Root	0.42676	0.27229	0.26444	0.28975	0.26269	0.21556

Record 154: Q=33 Alpha=30 Beta=-10 FENCE ON

	Column 1 - LE	Column 2	Column 3	Column 4	Column 5	Column 6 - TE
Row 6 - Tip	0.72436	0.42065	0.3408	0.31156	0.30109	0.23433
Row 5	0.70691	0.47564	0.39011	0.28844	0.26225	0.21644
Row 4	0.53236	0.42153	0.31724	0.19549	0.14793	0.19811
Row 3	0.40189	0.36698	0.27404	0.24436	0.1872	0.19549
Row 2	0.31898	0.34211	0.30502	0.3408	0.23018	0.18764
Row 1 - Root	0.3408	0.37745	0.32247	0.23171	0.20509	0.20945

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Steady Pressure Coefficient Differential

Surface Plots

Angle-of-Attack Sweeps at $Q = 20$ and 33 *psf*

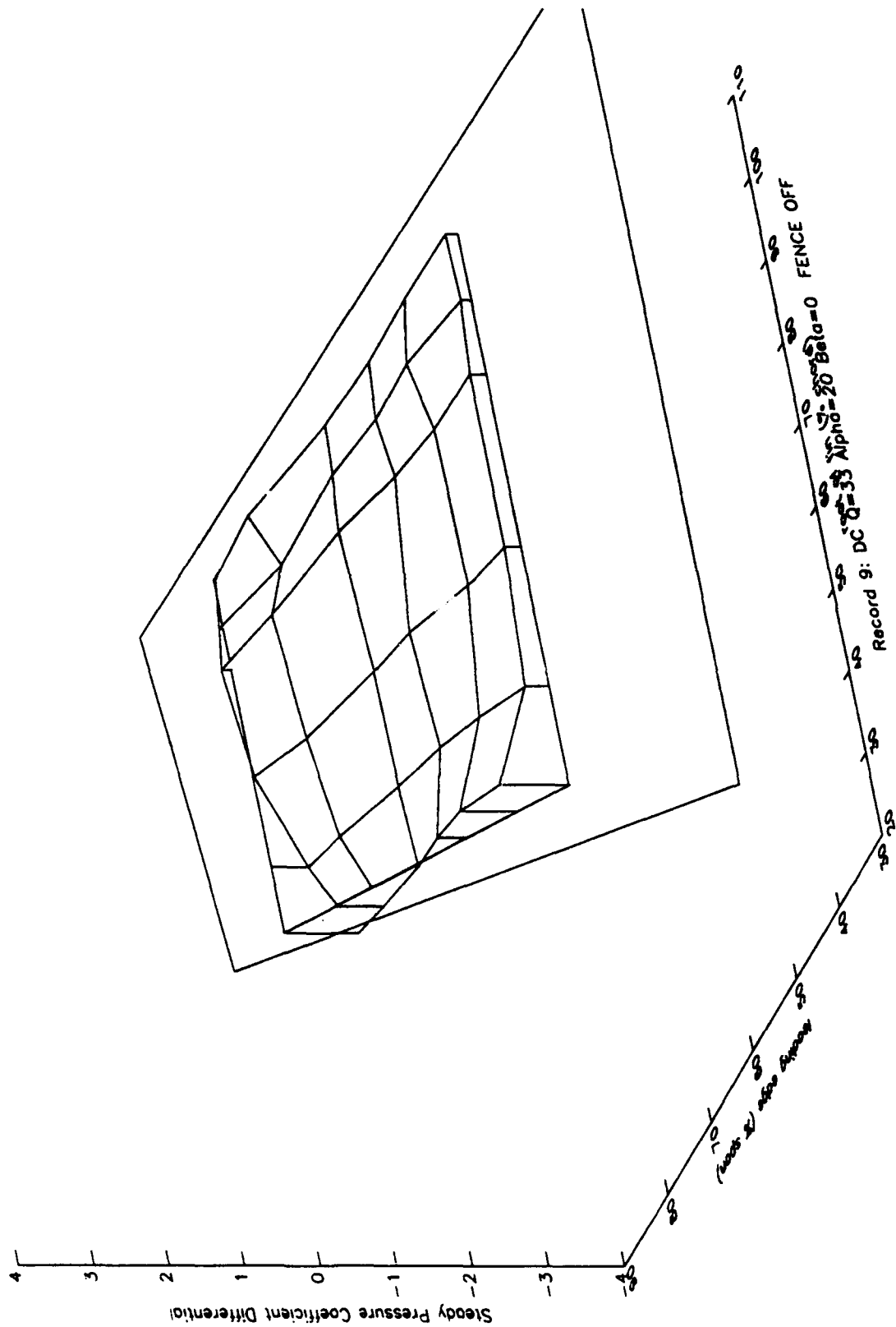
Angle-of-Attack: 20, 24, 26, 28, 30, 32, 36, and 40 *deg* at 33 *psf*

: 26 and 28 *deg* at 20 *psf*

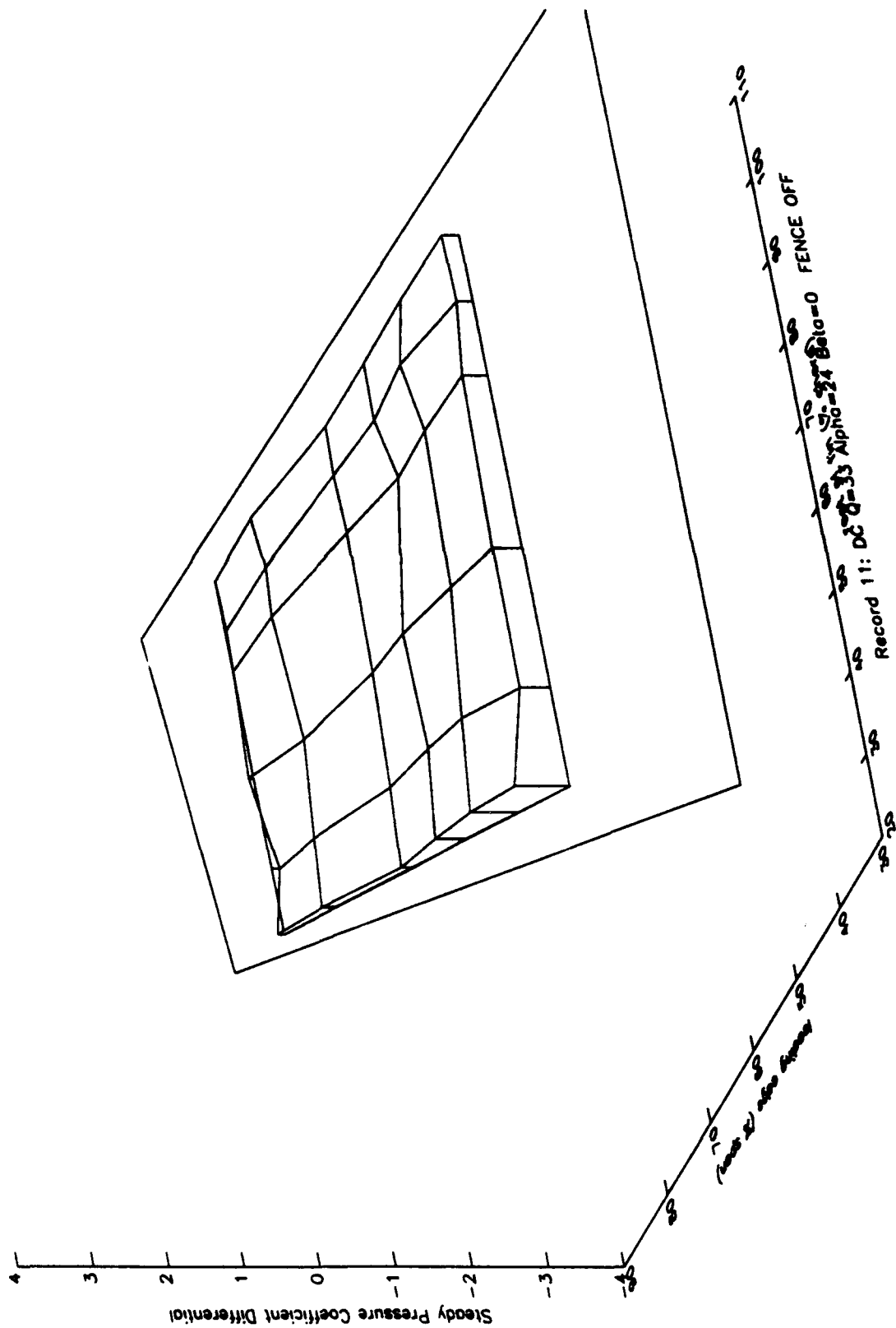
Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fir (word)."

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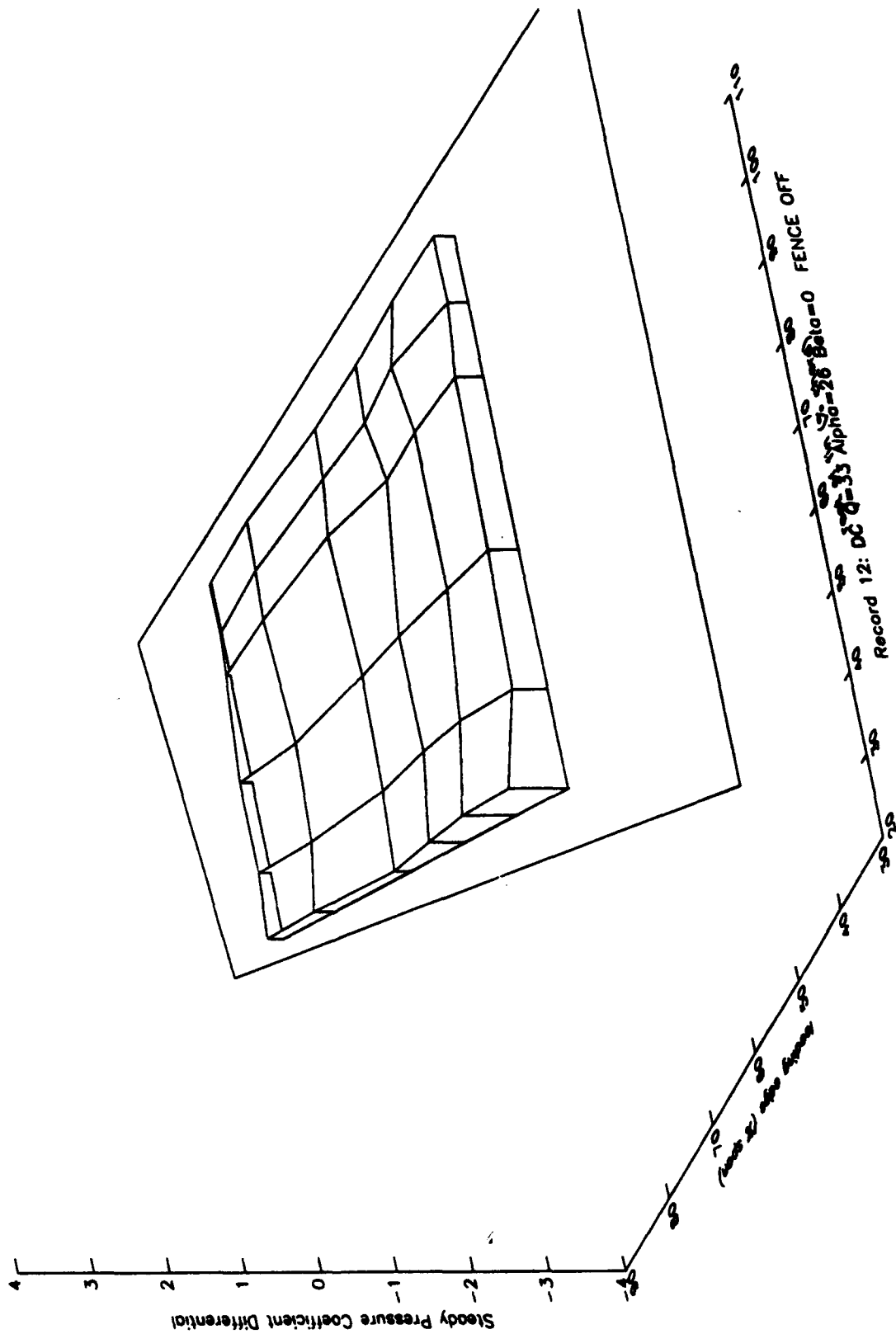
F-18 Tail Buffet Test



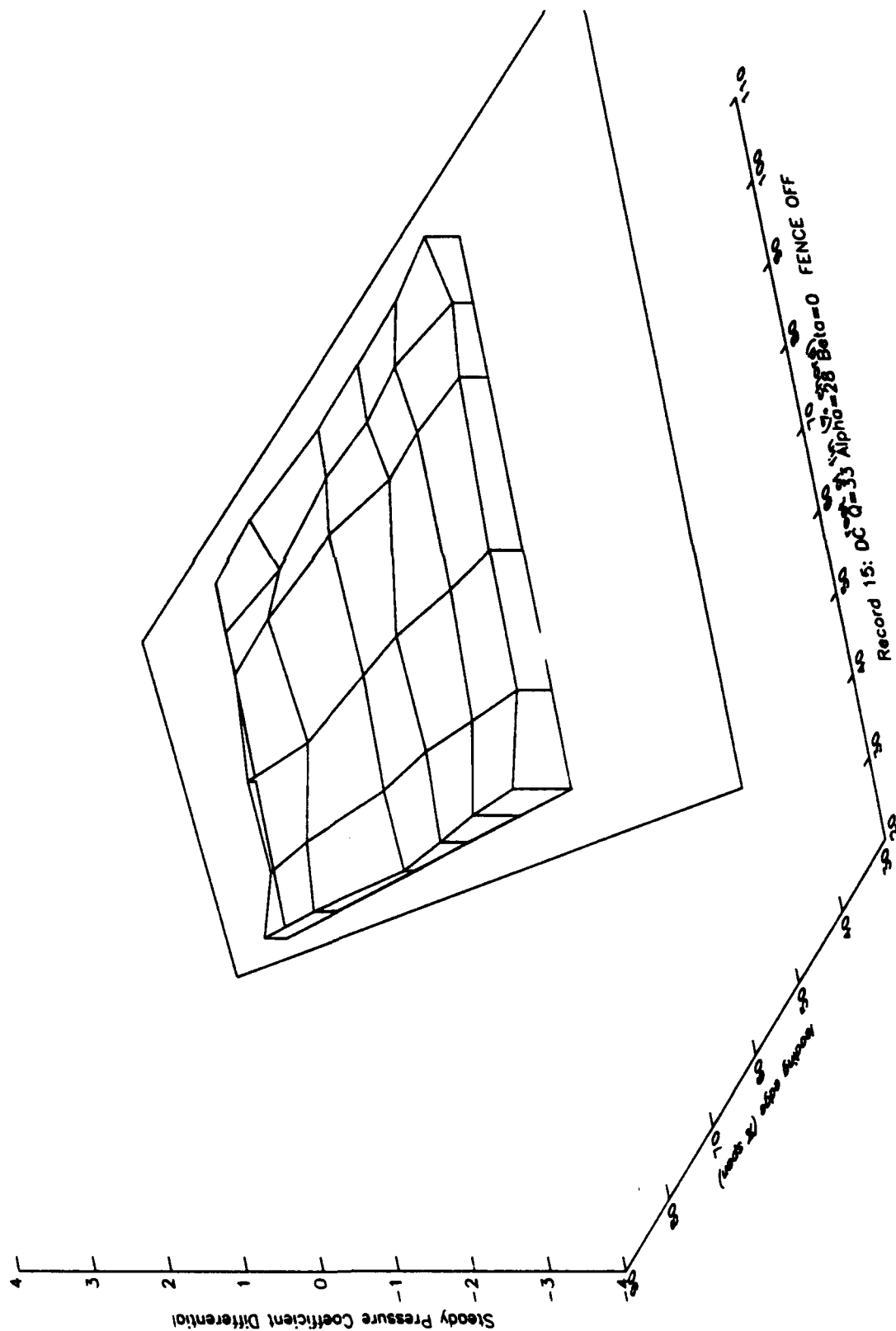
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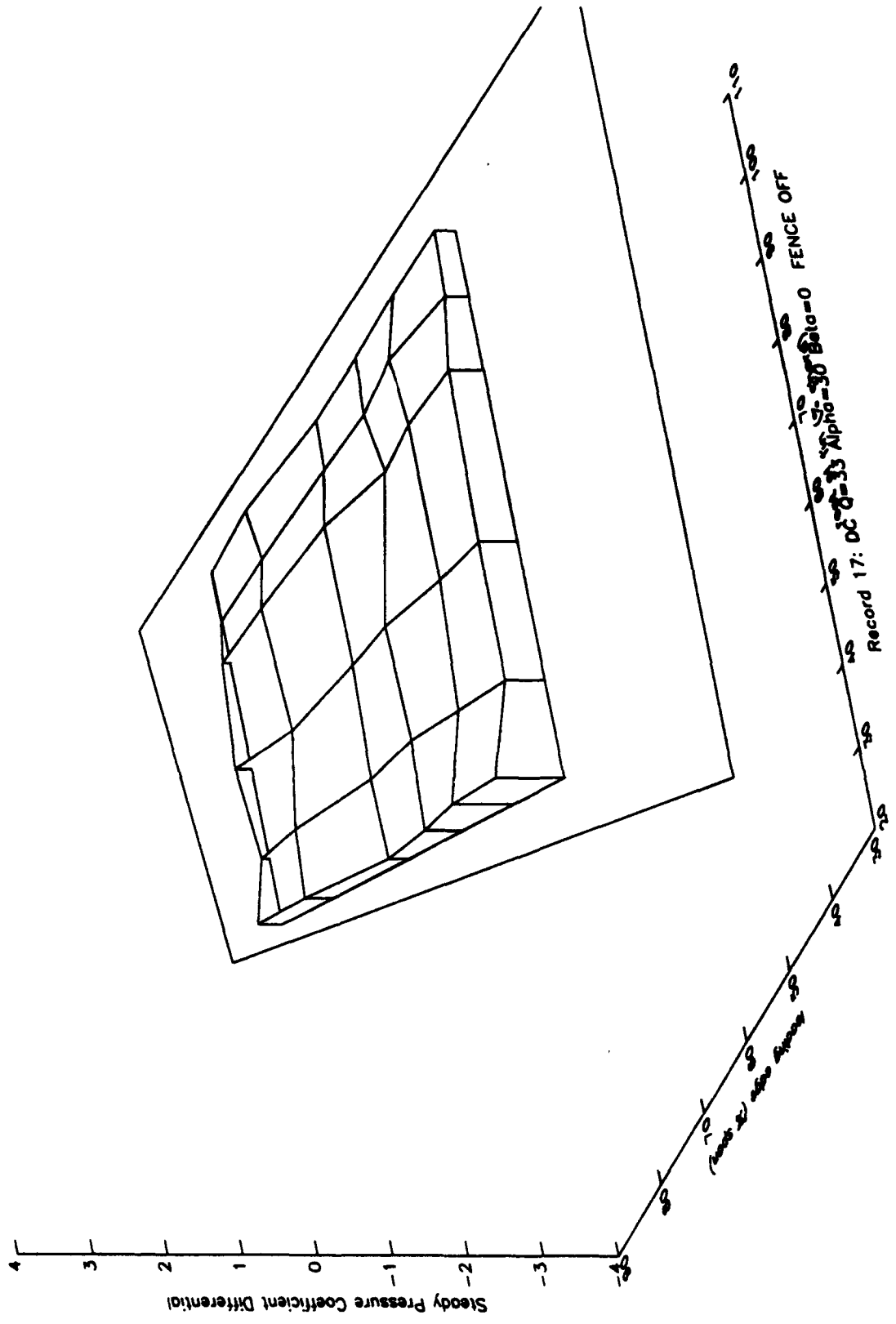
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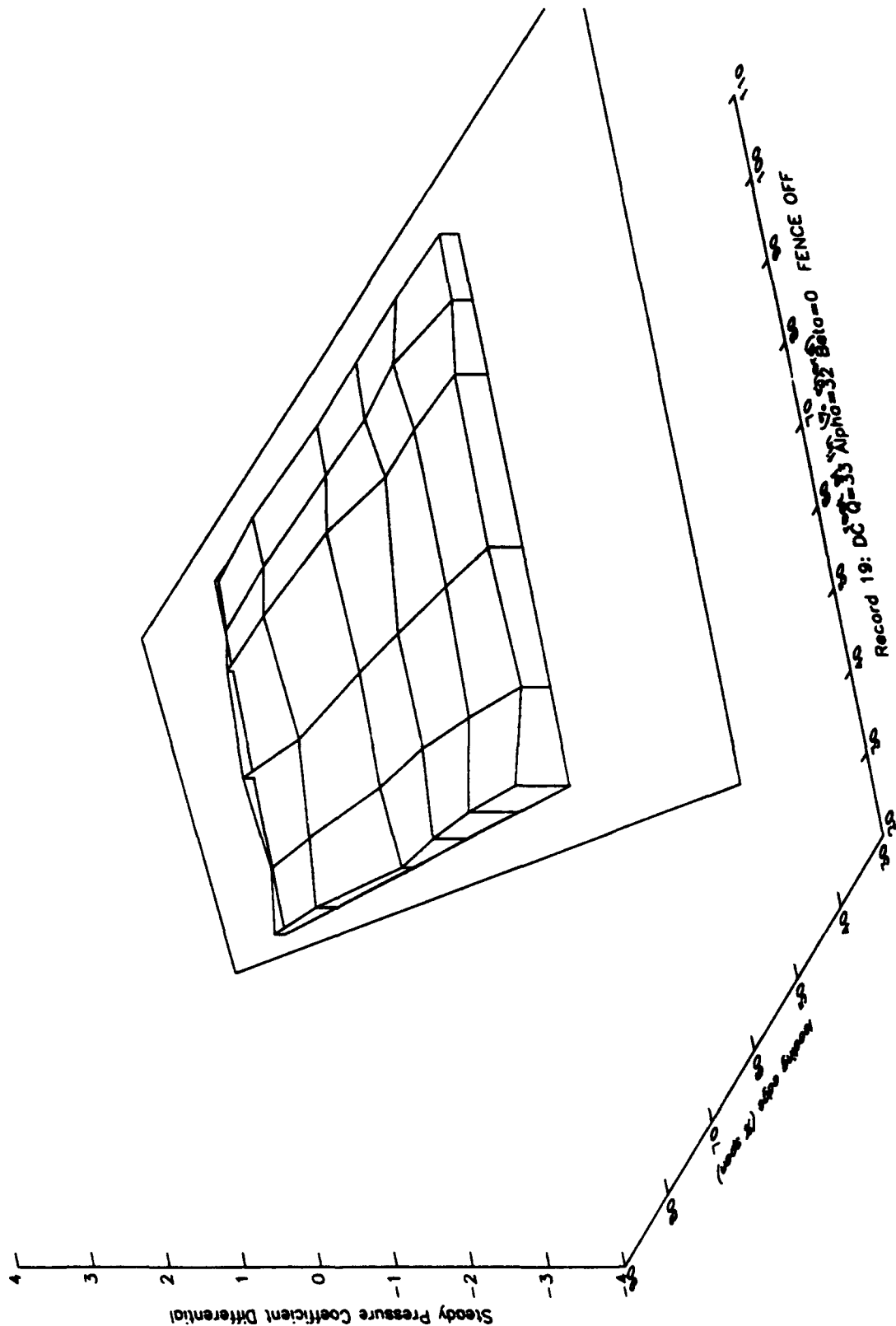
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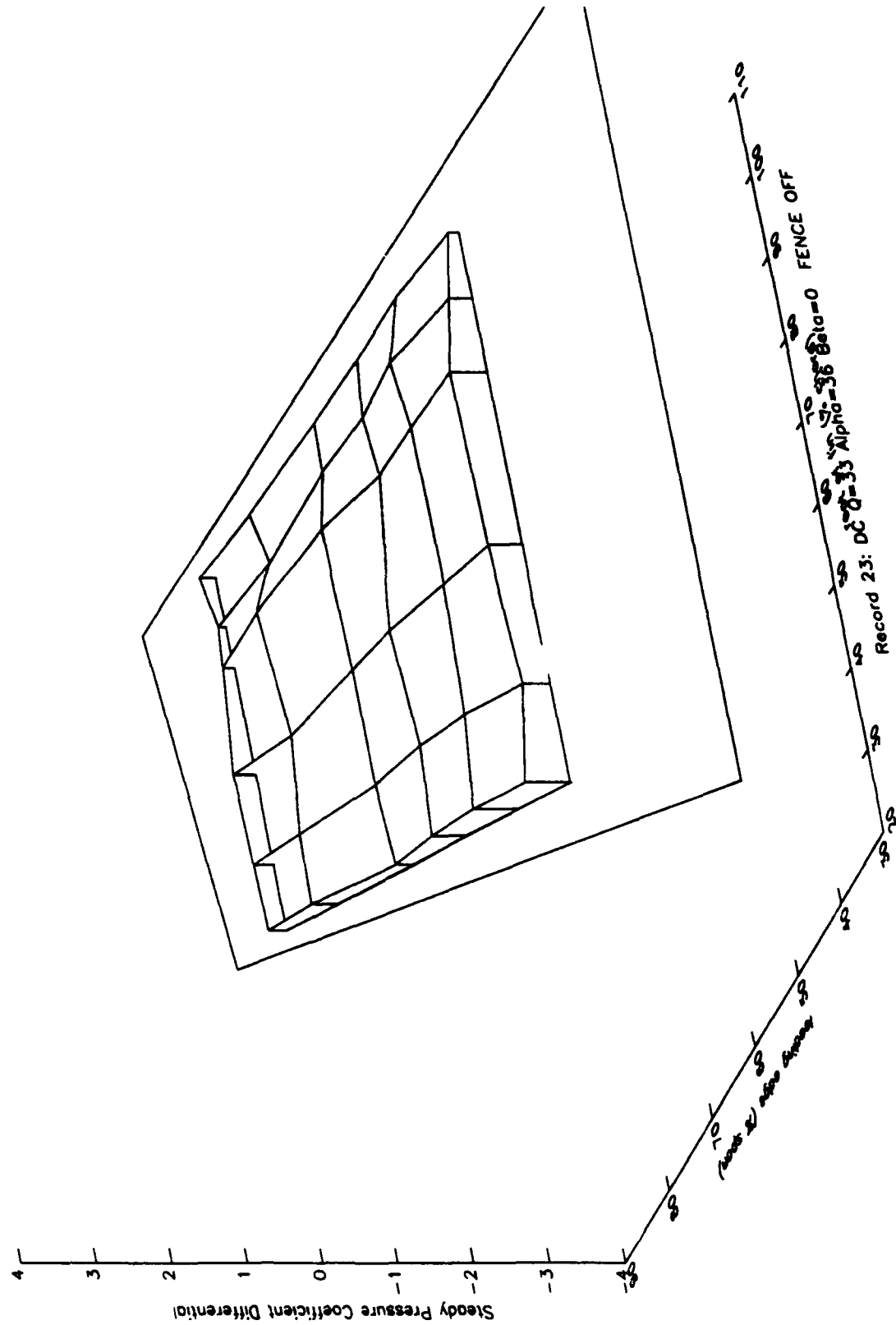
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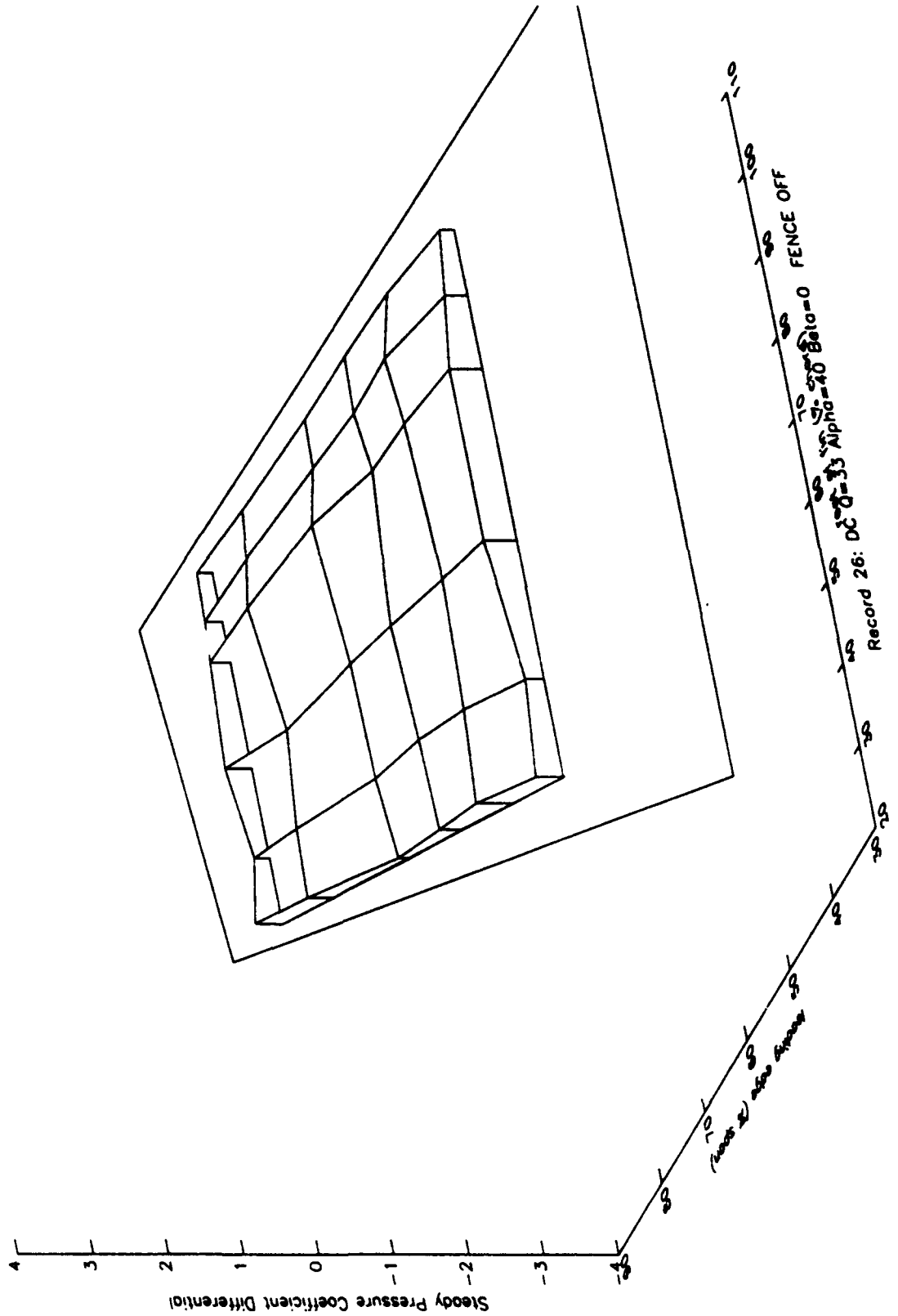
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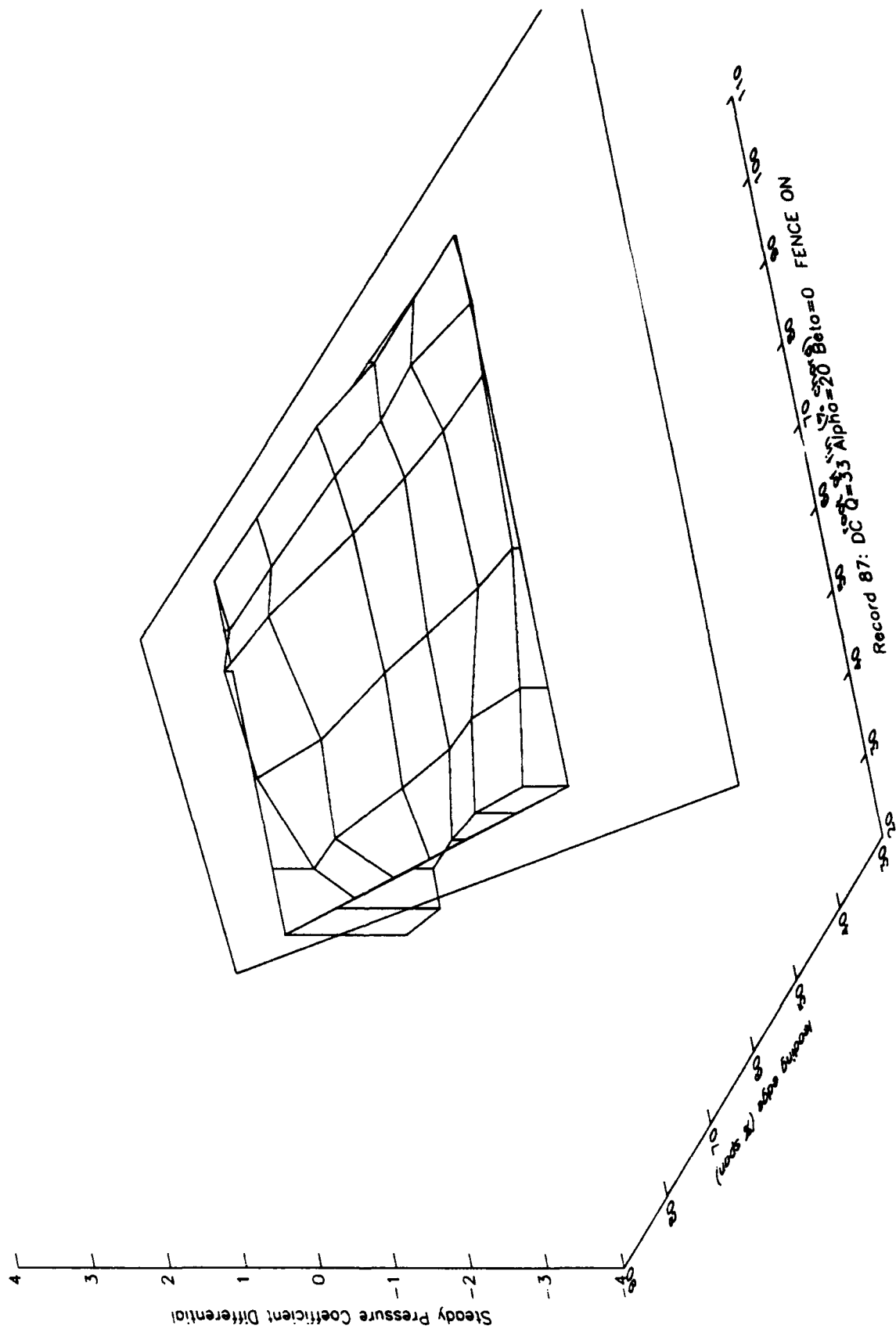
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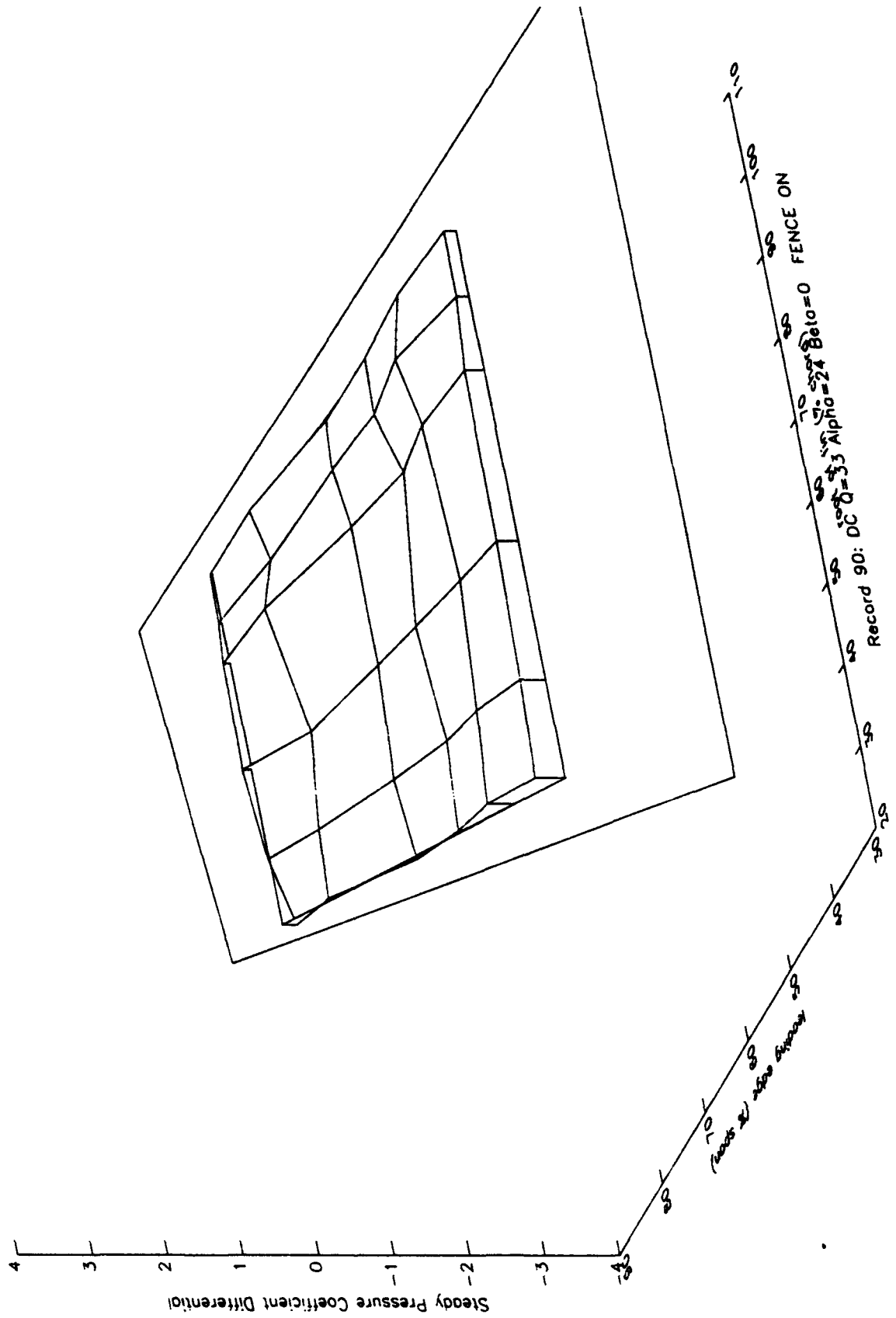
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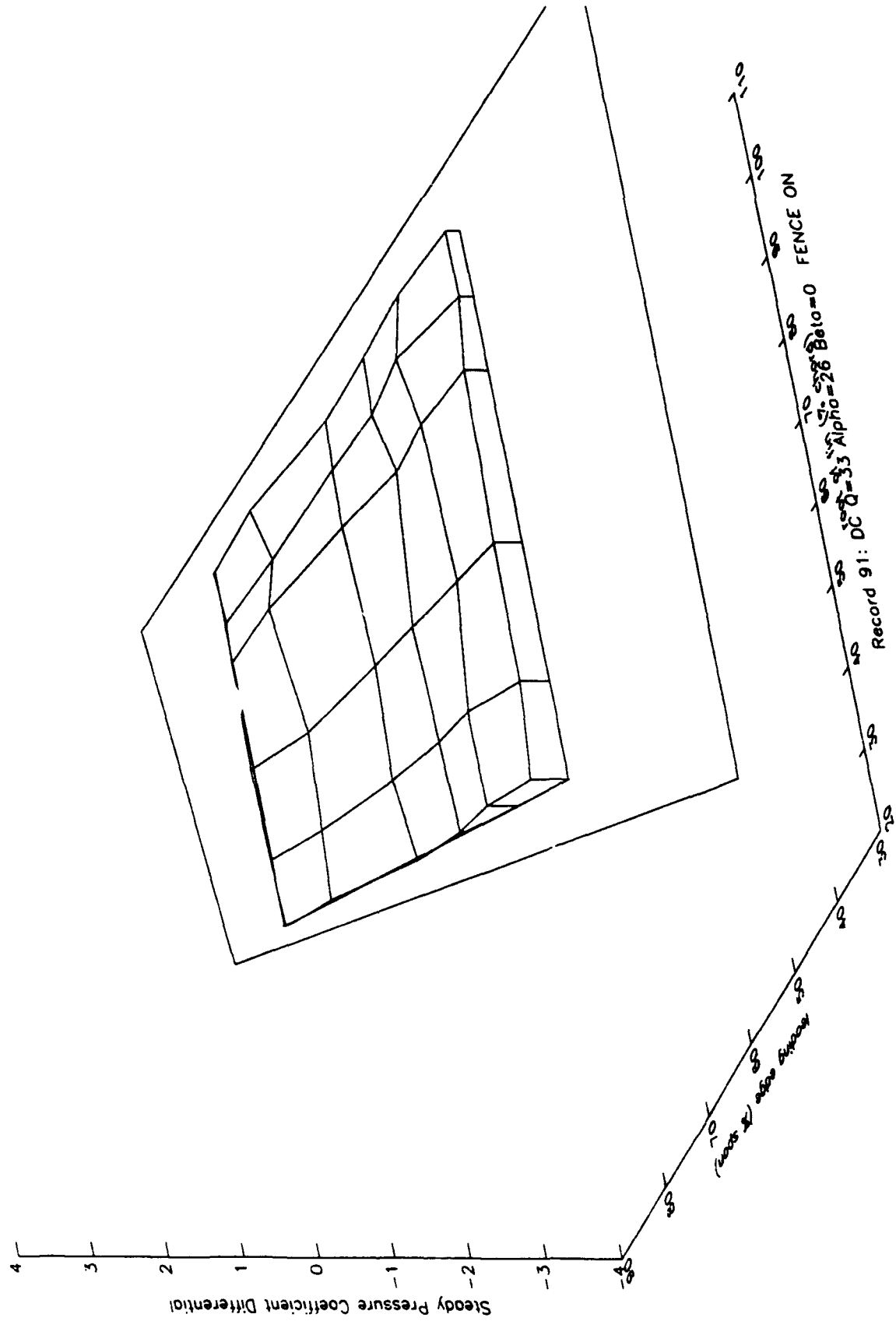
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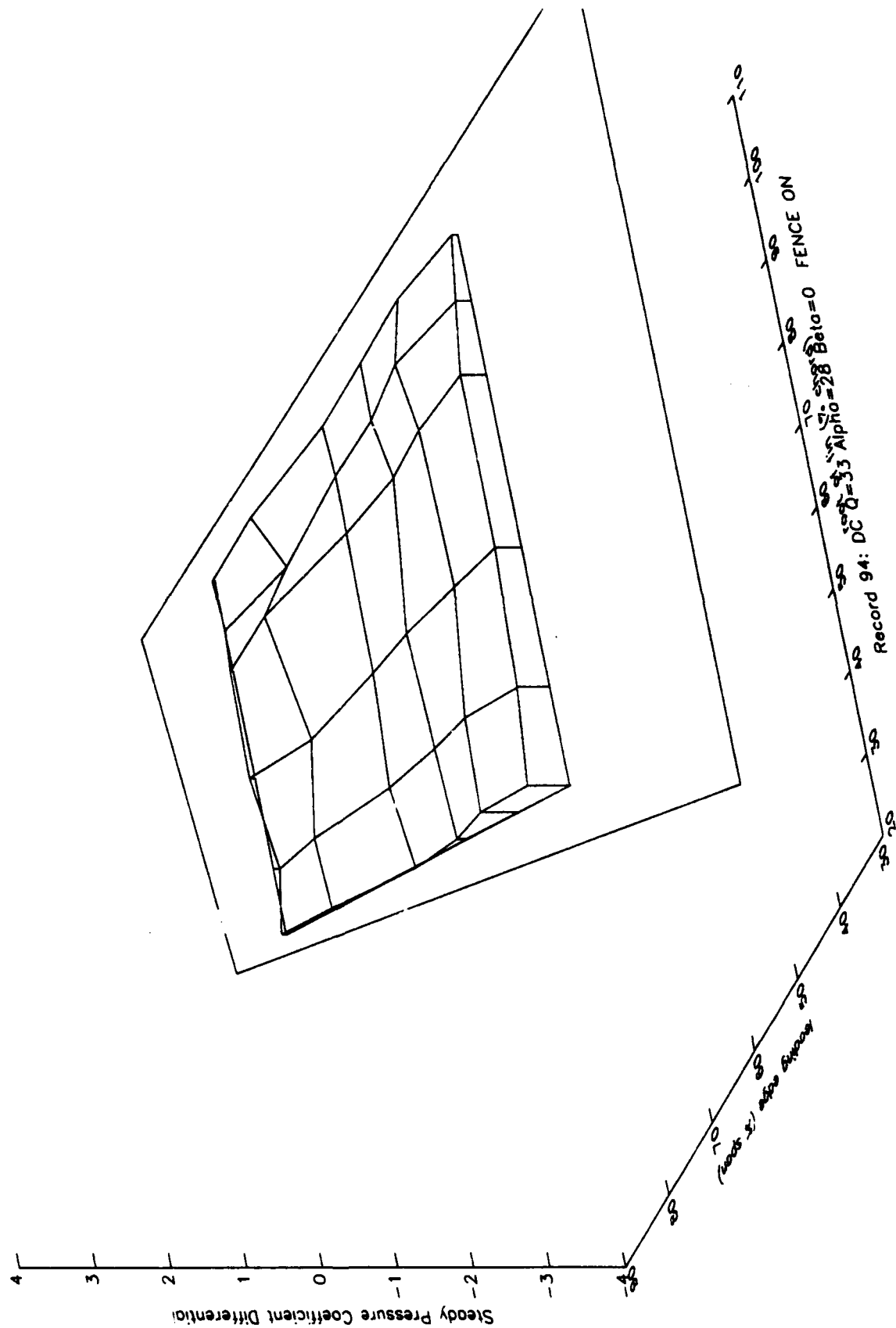
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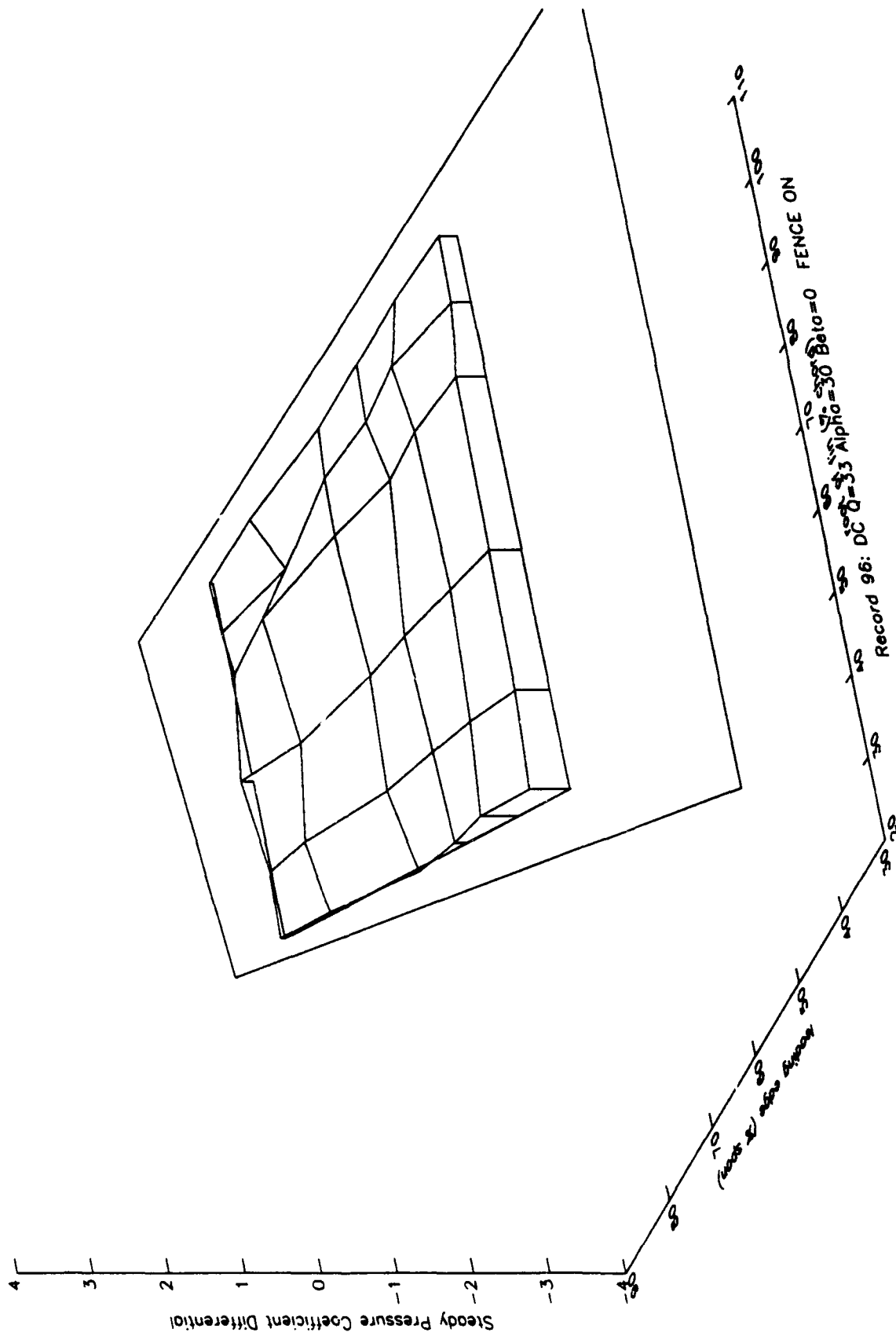
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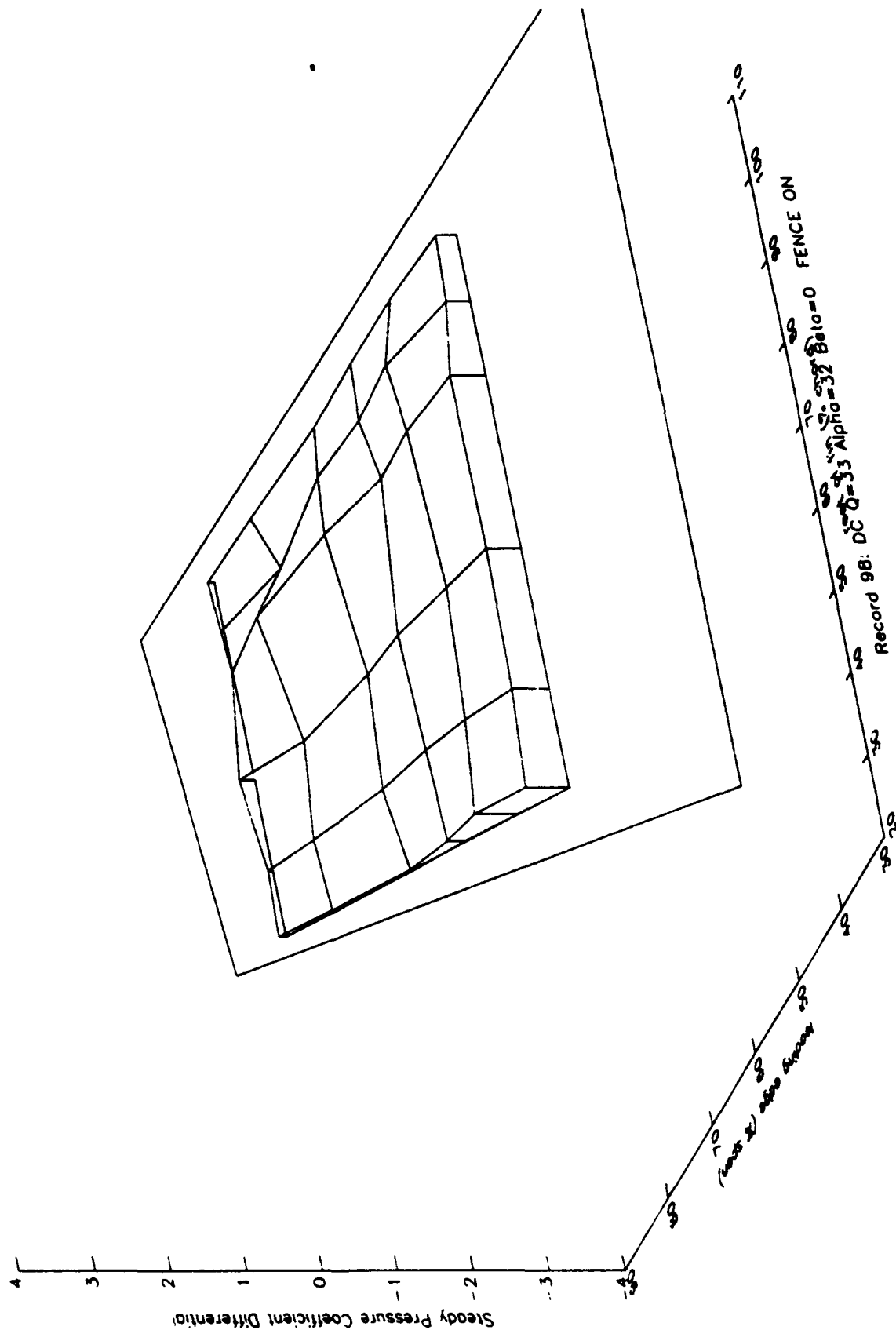
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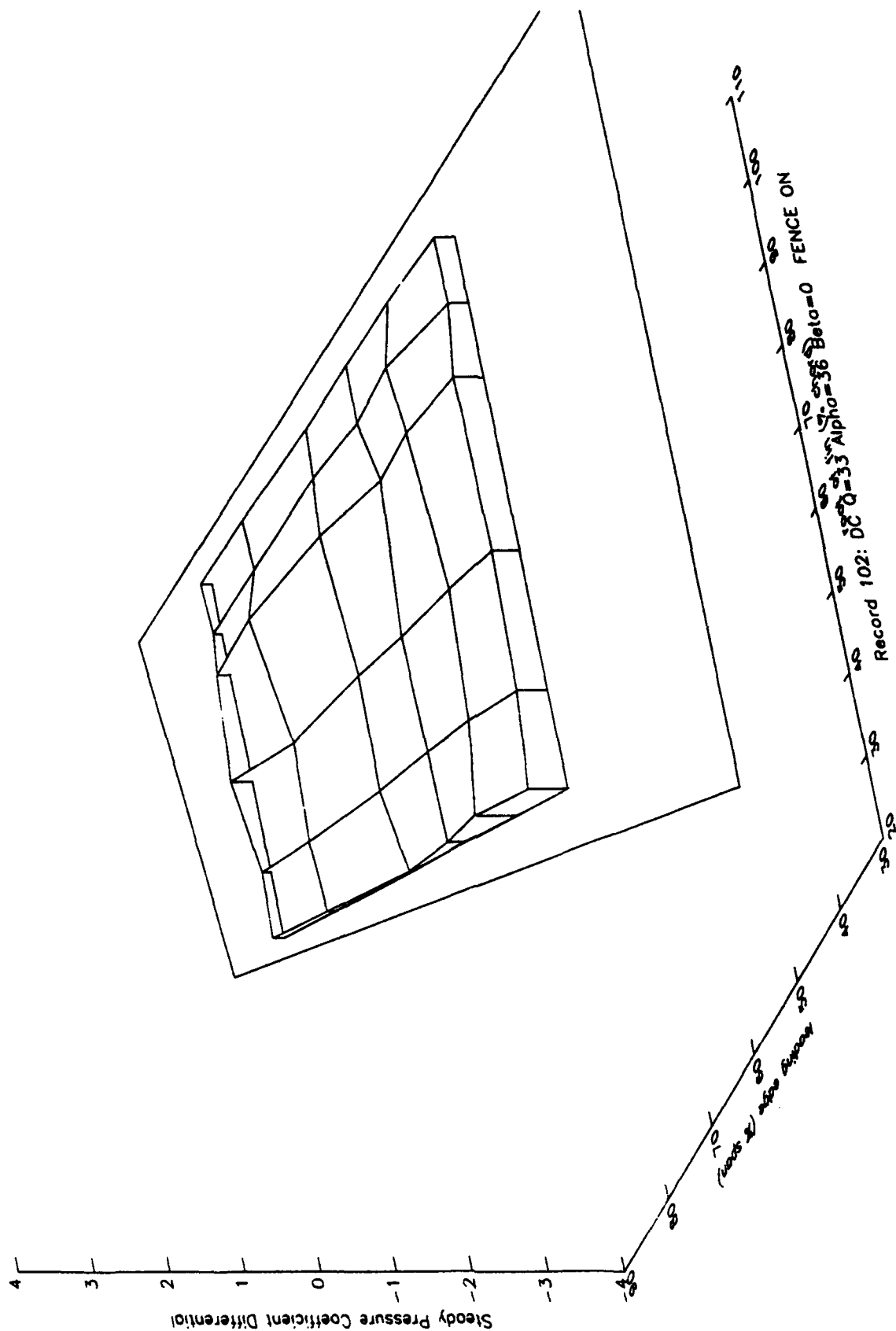
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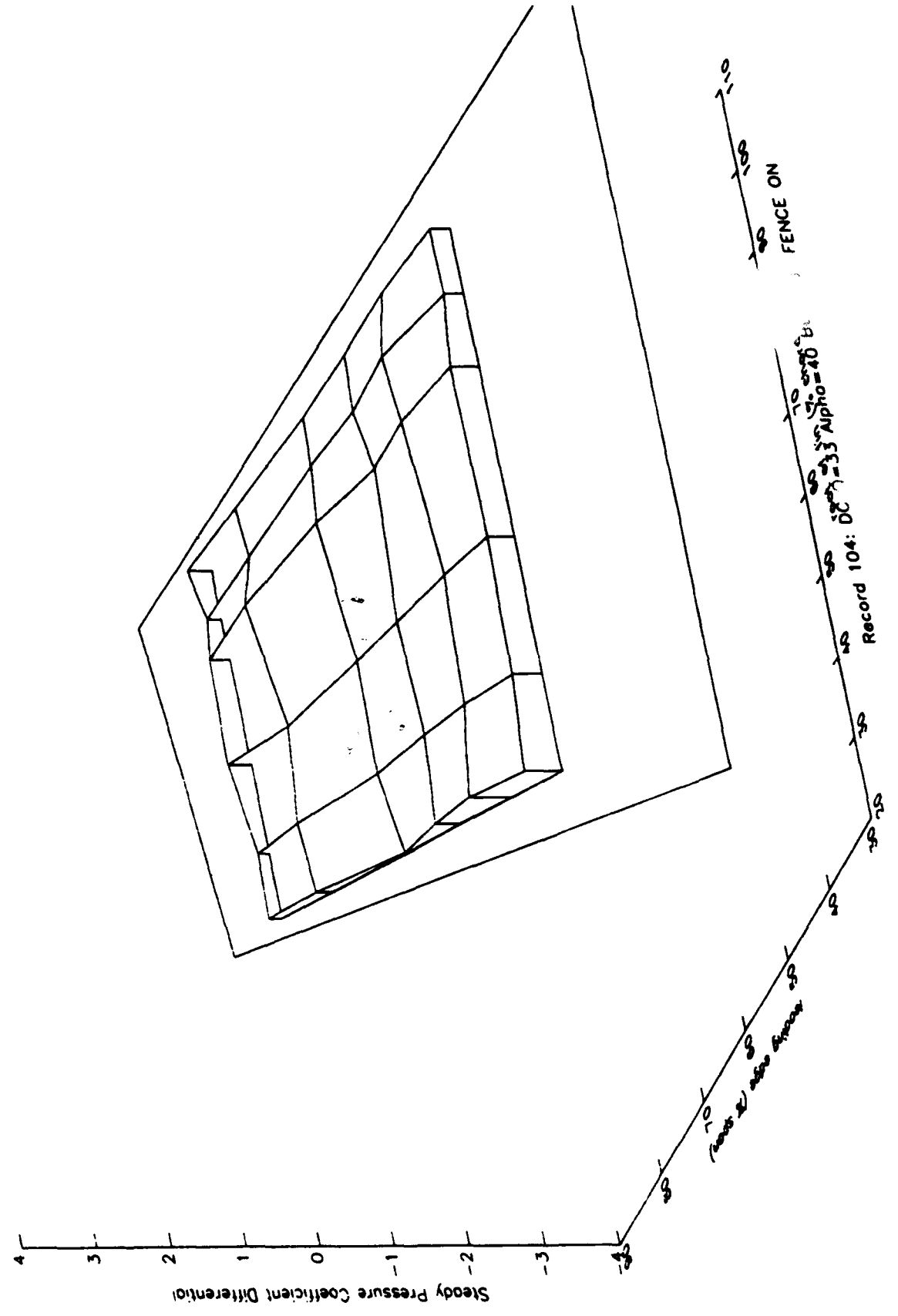
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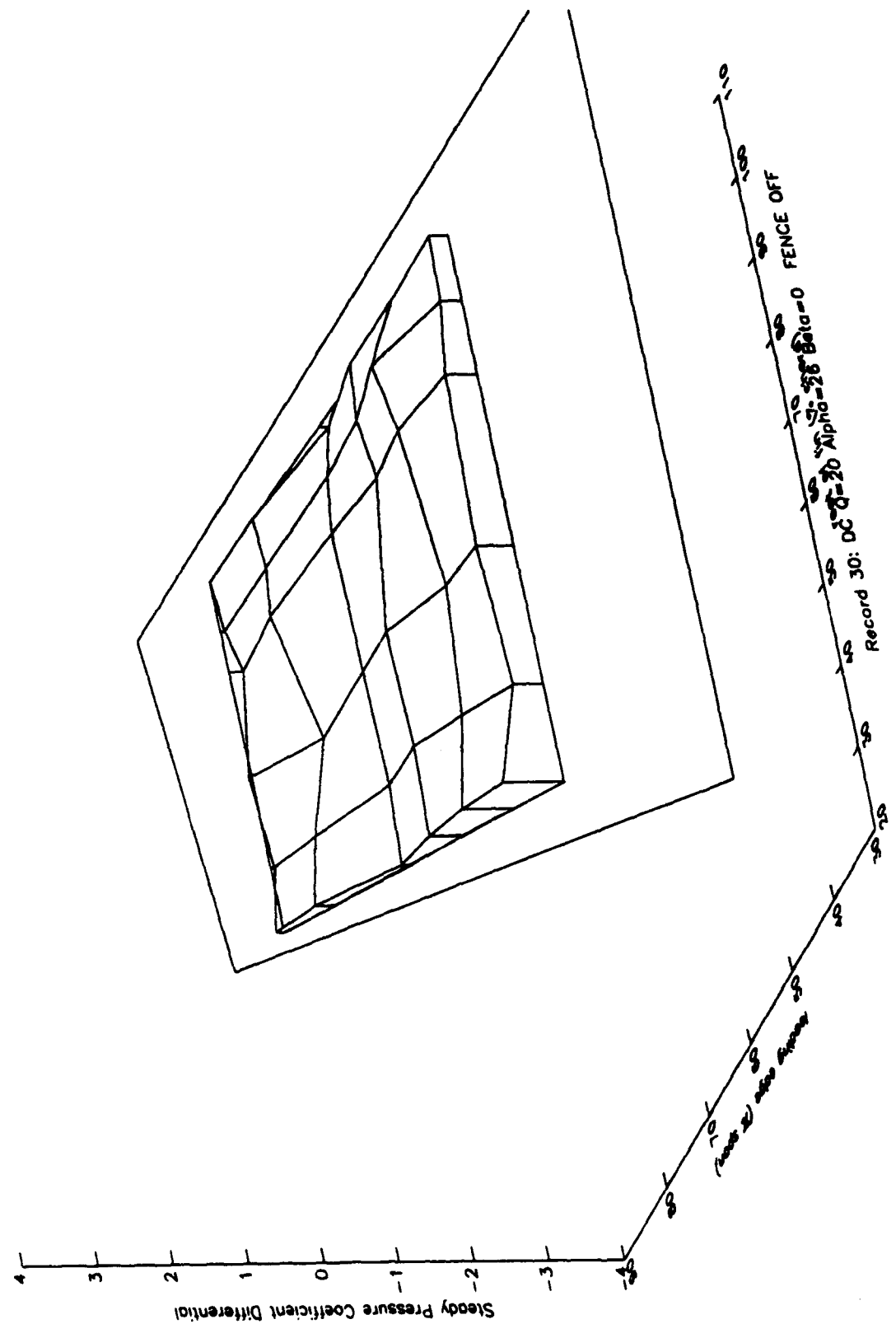
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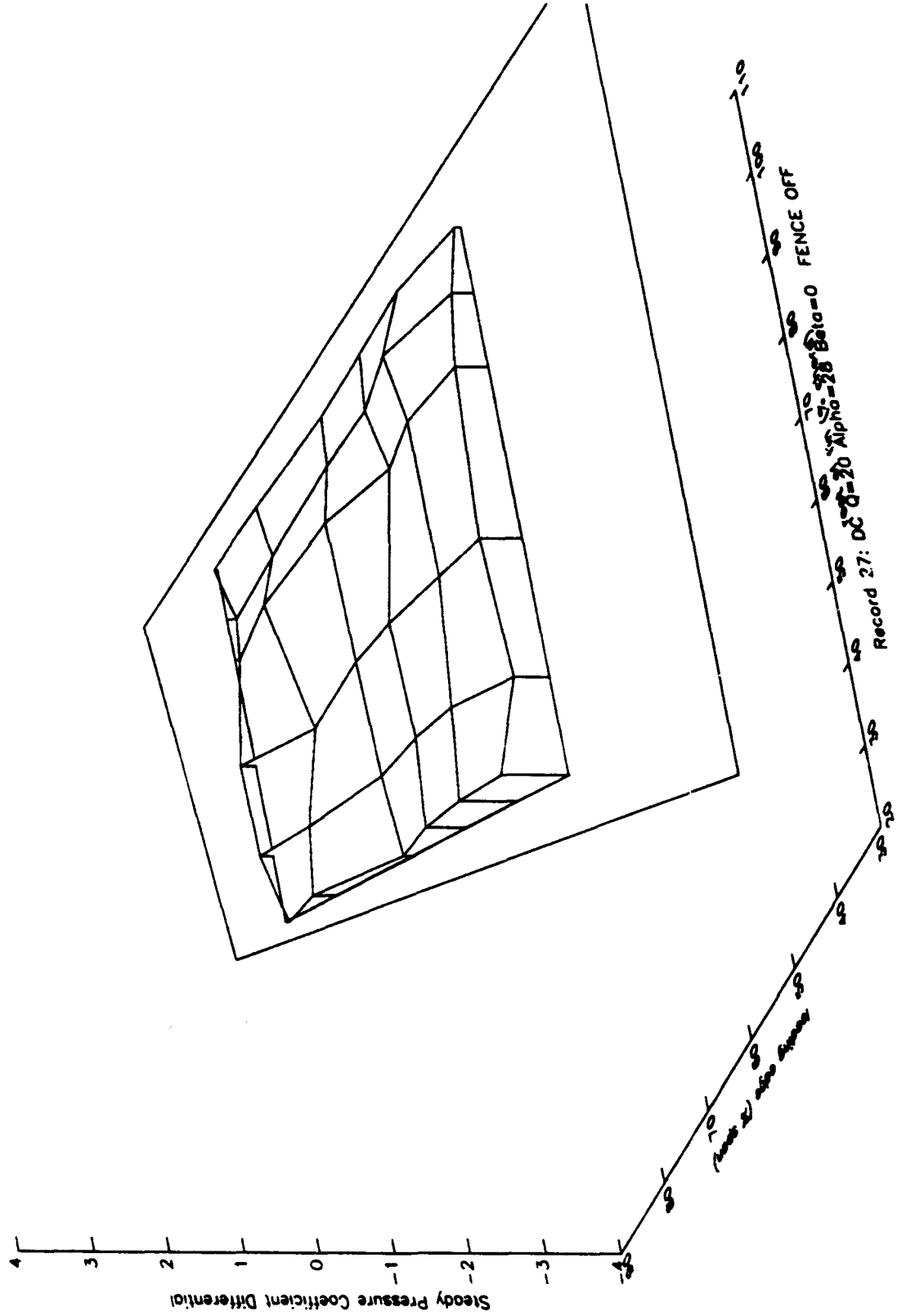
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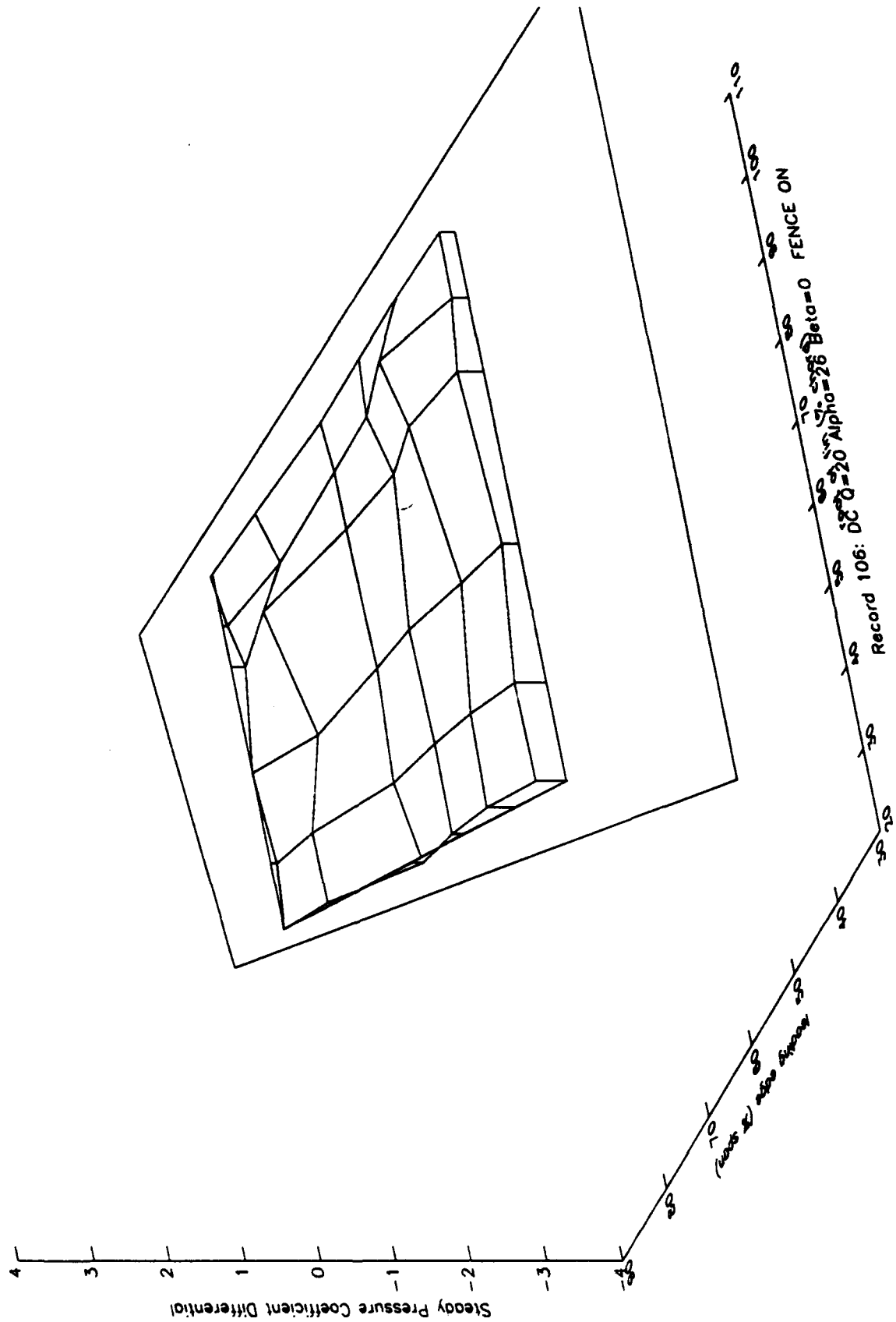
F-18 Tail Buffet Test



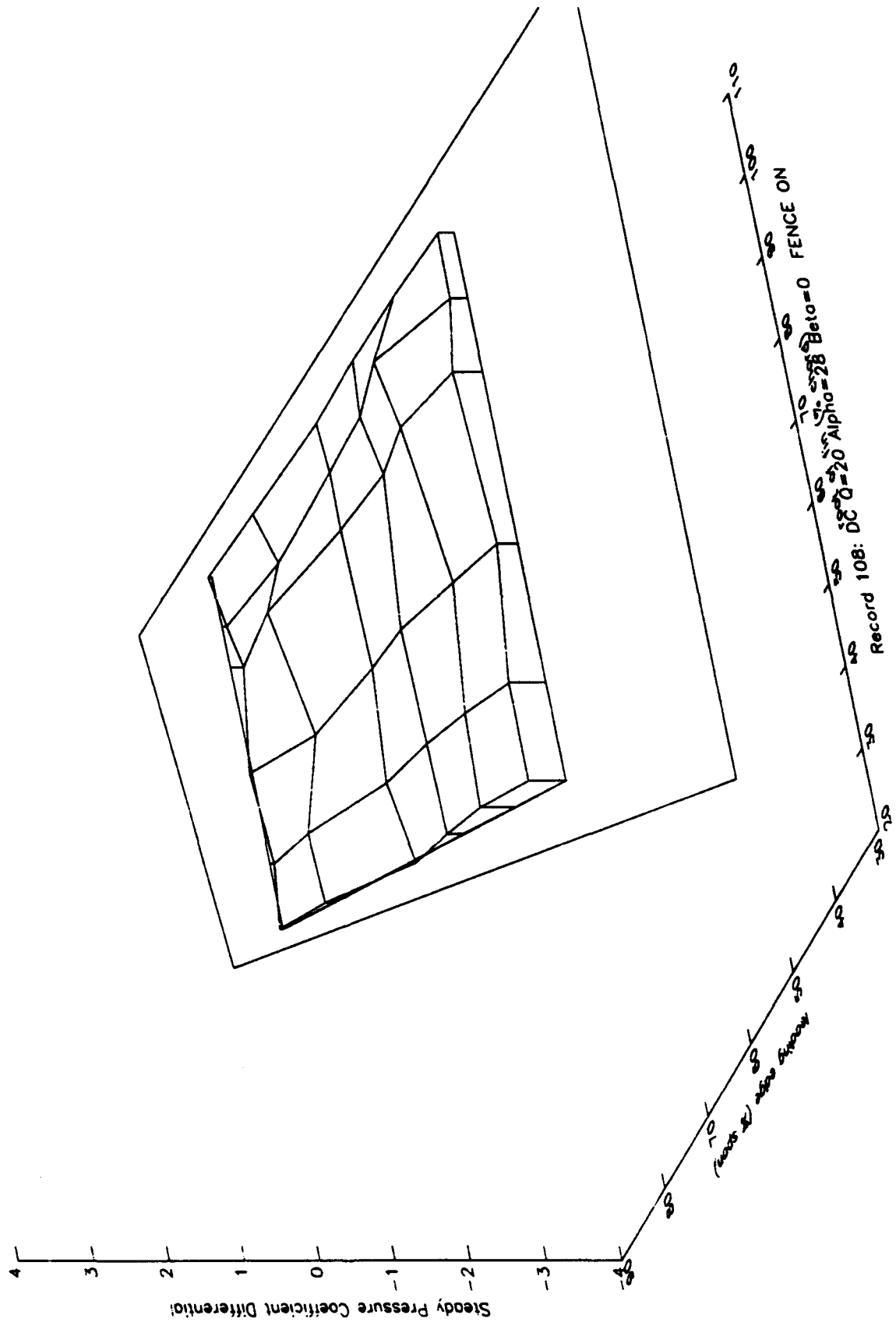
F-18 Tail Buffet Test



F-18 Tail Buffet Test



F-18 Tail Buffet Test



**Steady Pressure Coefficient Differential
Surface Plots**

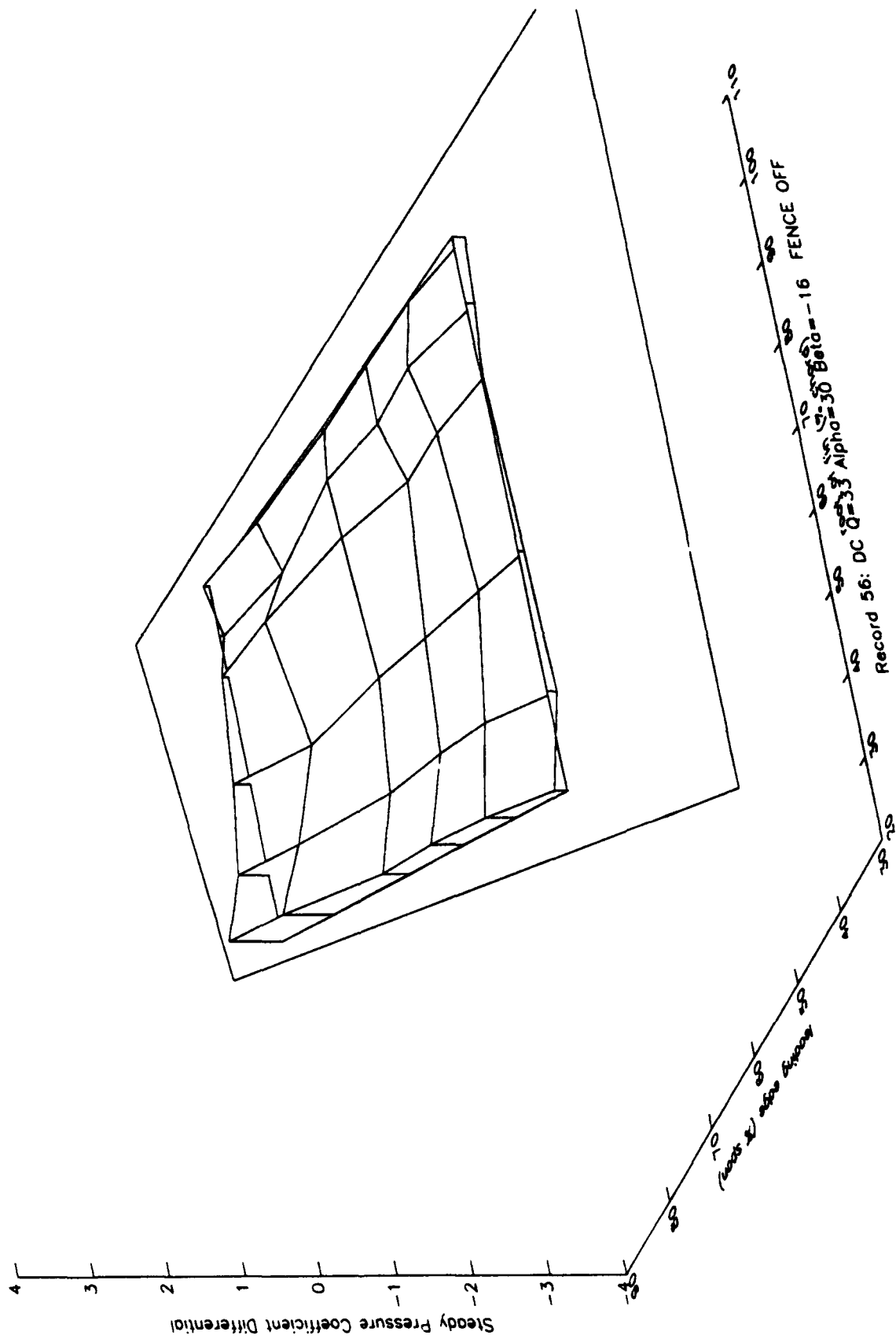
Sideslip Sweep at 30 *deg* Angle-of-Attack, $Q = 33$ *psf*

Sideslip Angles: -16, -10, -6, -4, -2, 0, 2, 4, 6, 10, and 16 *deg*

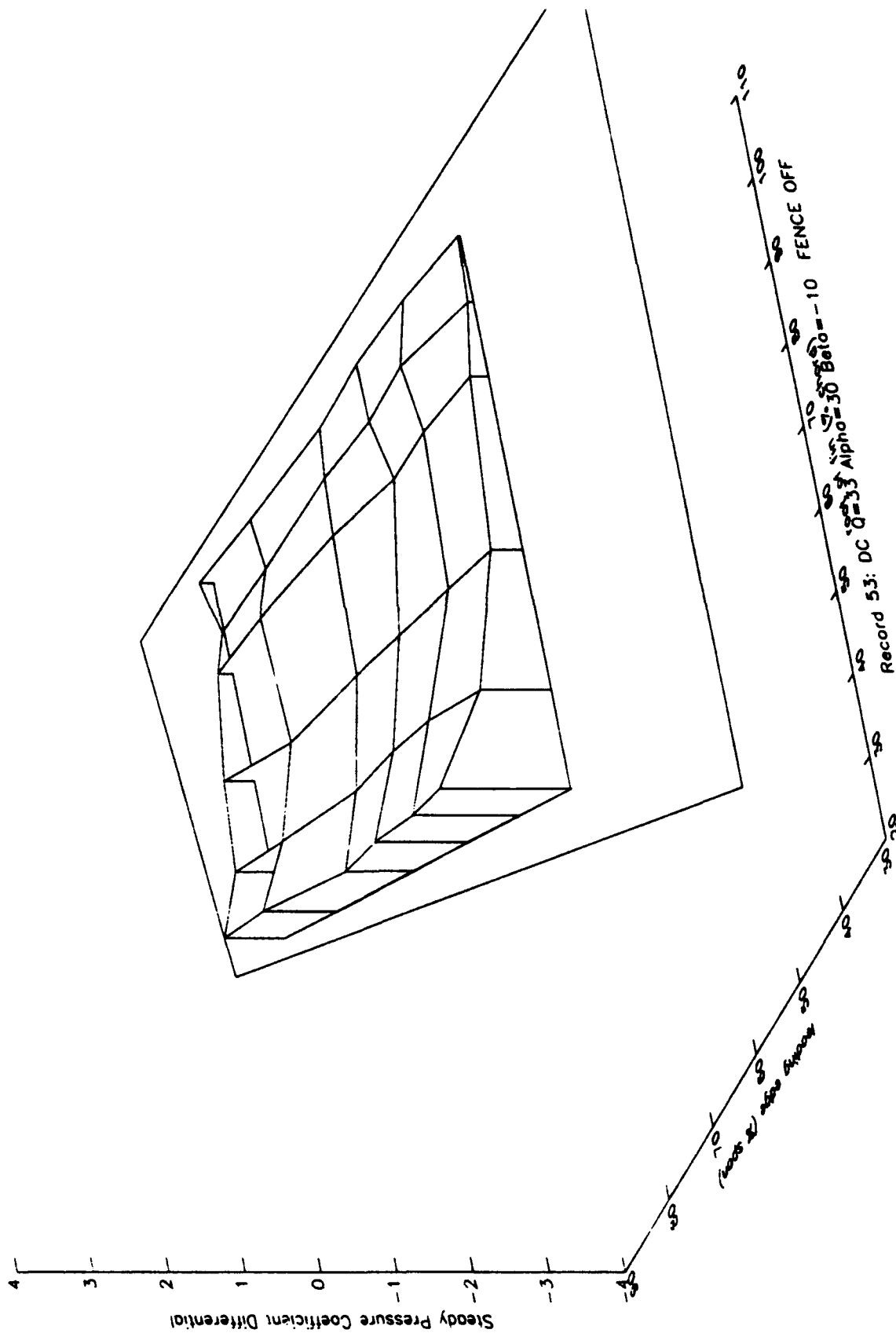
Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fin (% chord)."

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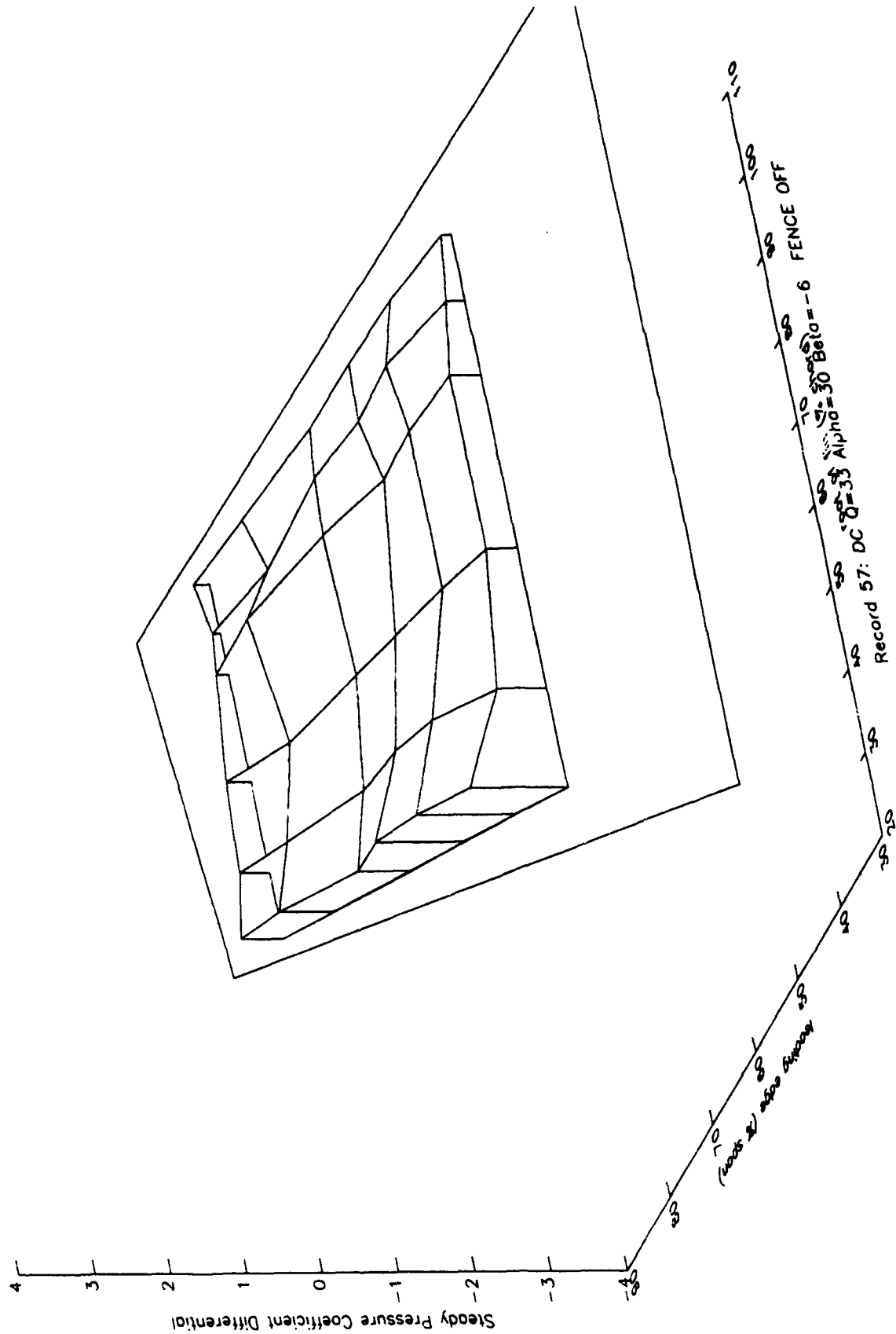
F-18 Tail Buffet Test



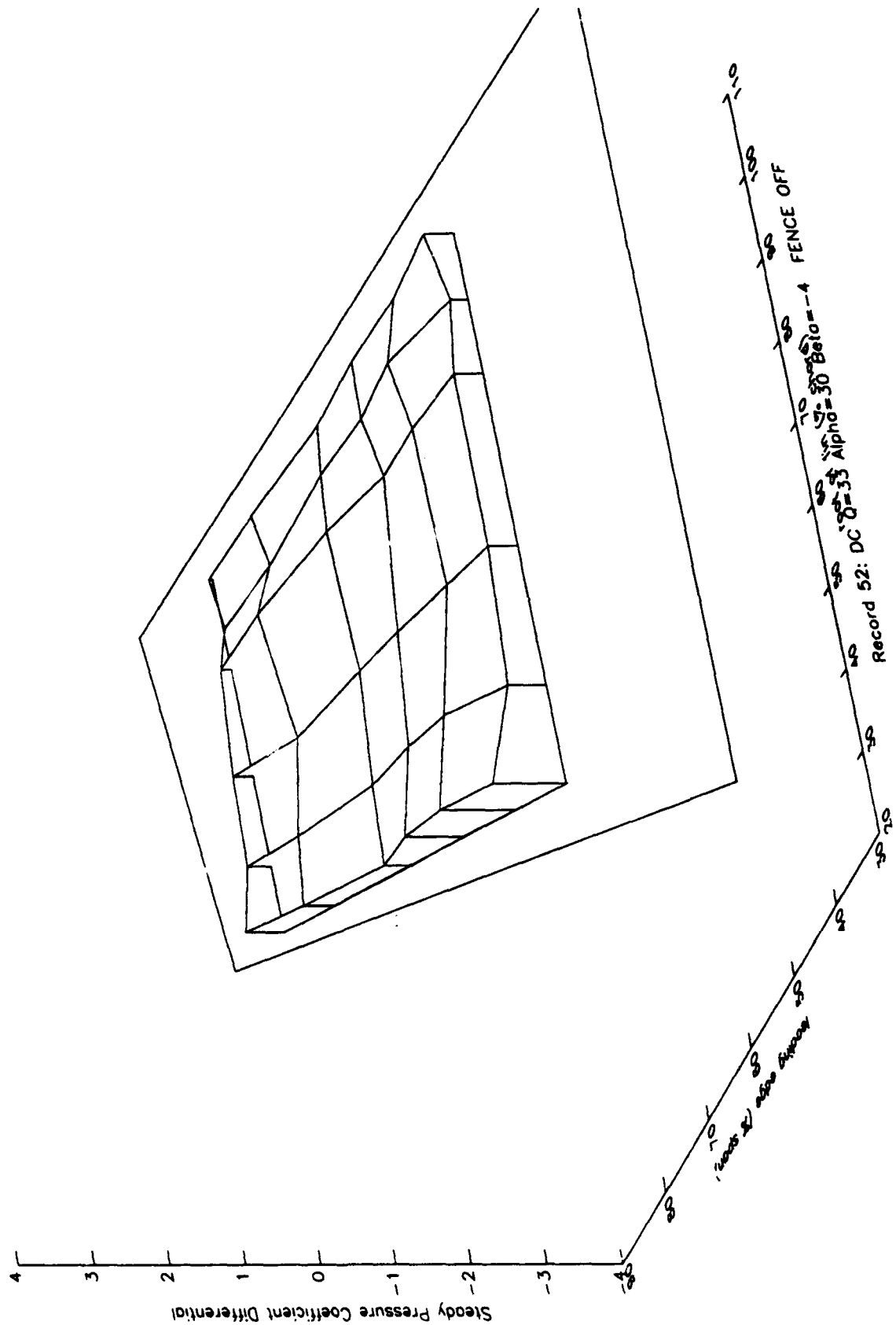
F-18 Tail Buffet Test



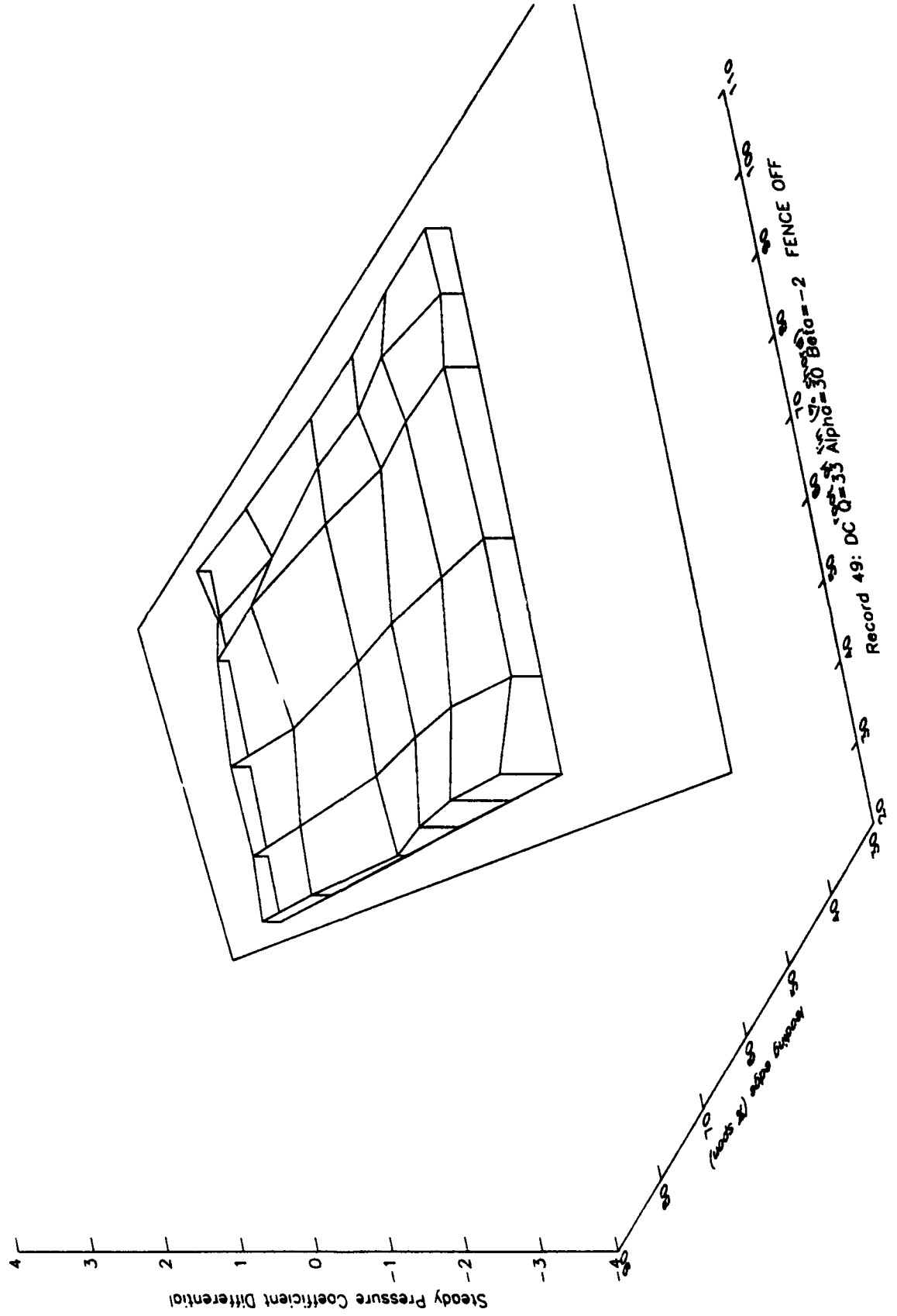
F-18 Tail Buffet Test



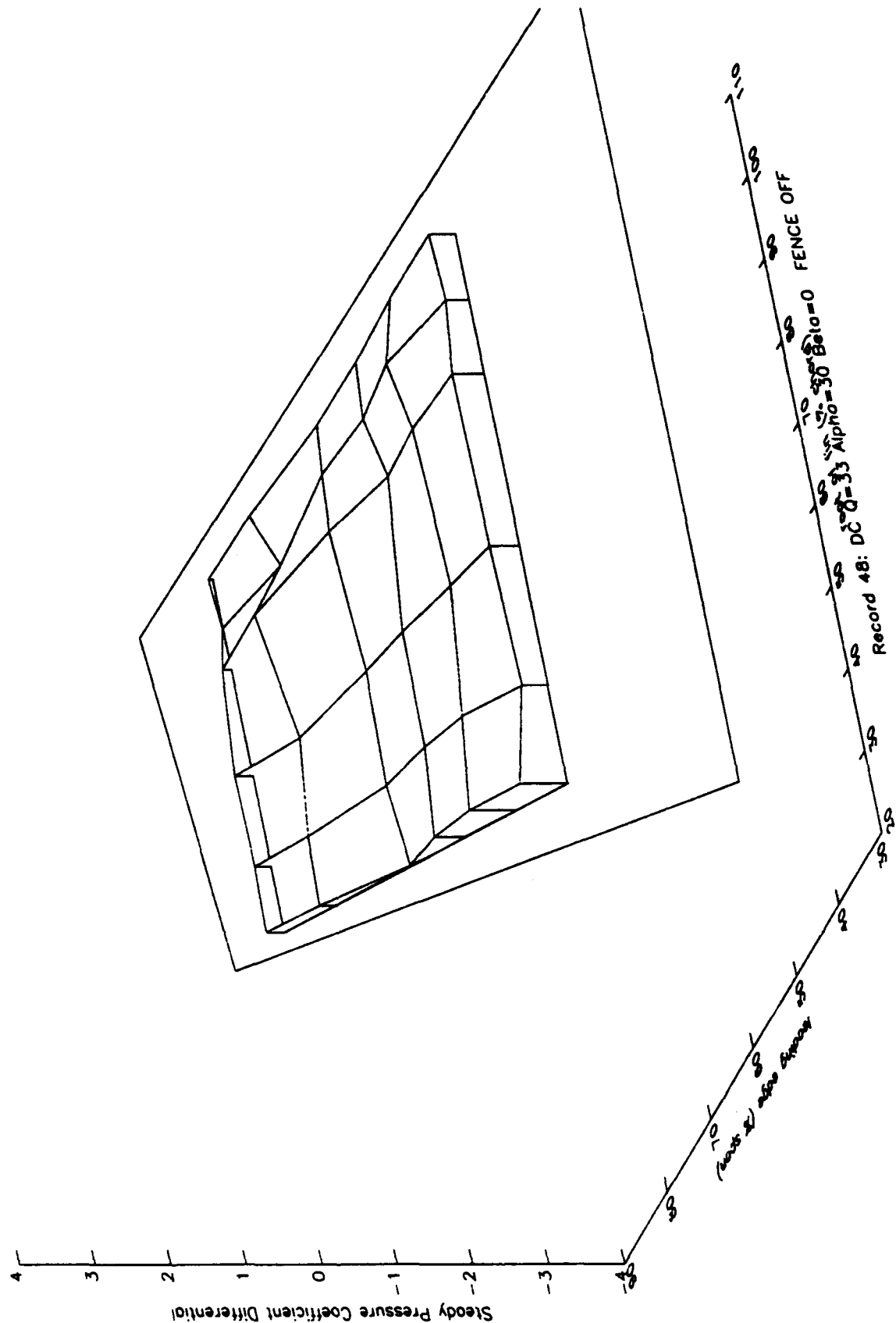
F-18 Tail Buffet Test



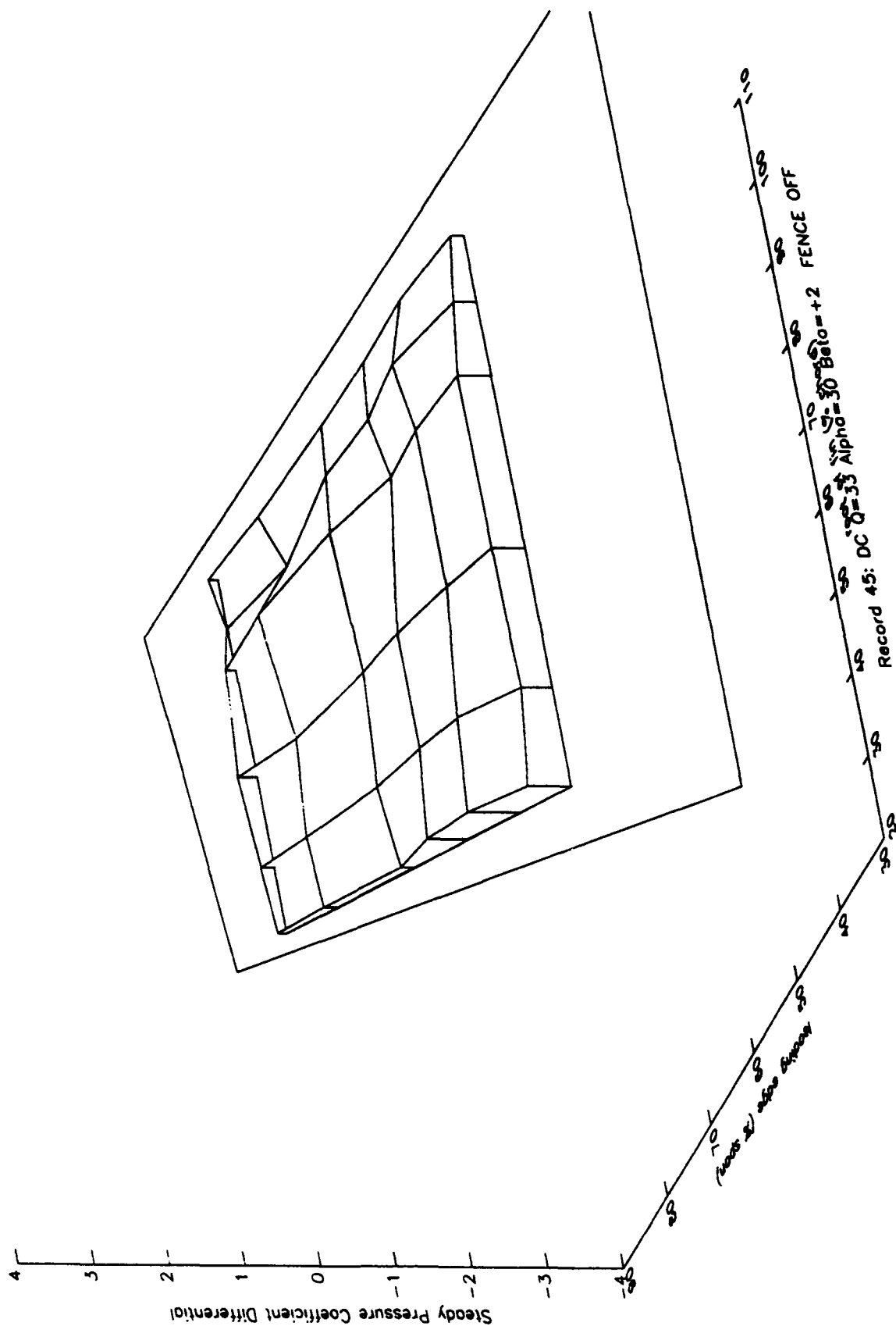
F-18 Tail Buffet Test



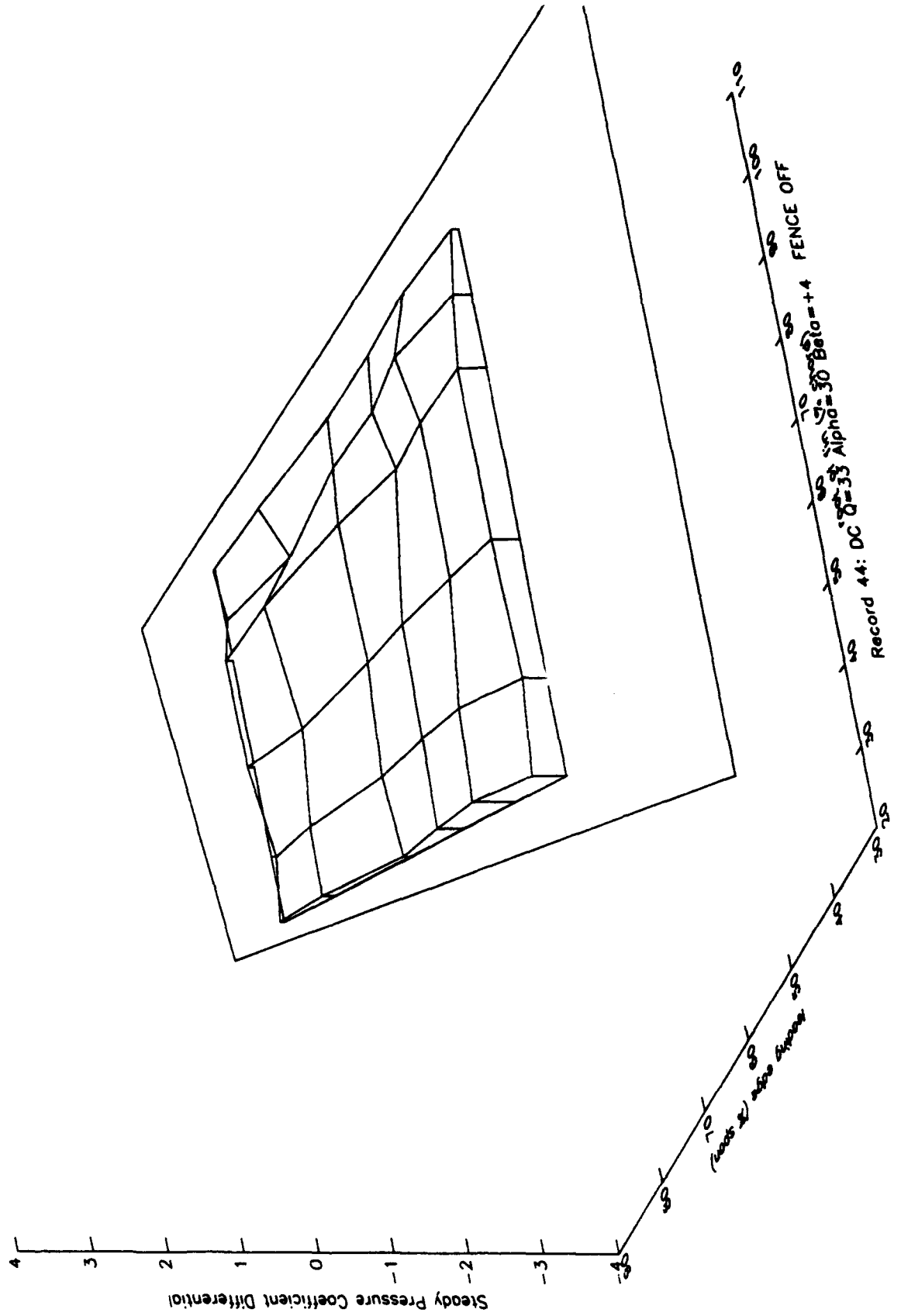
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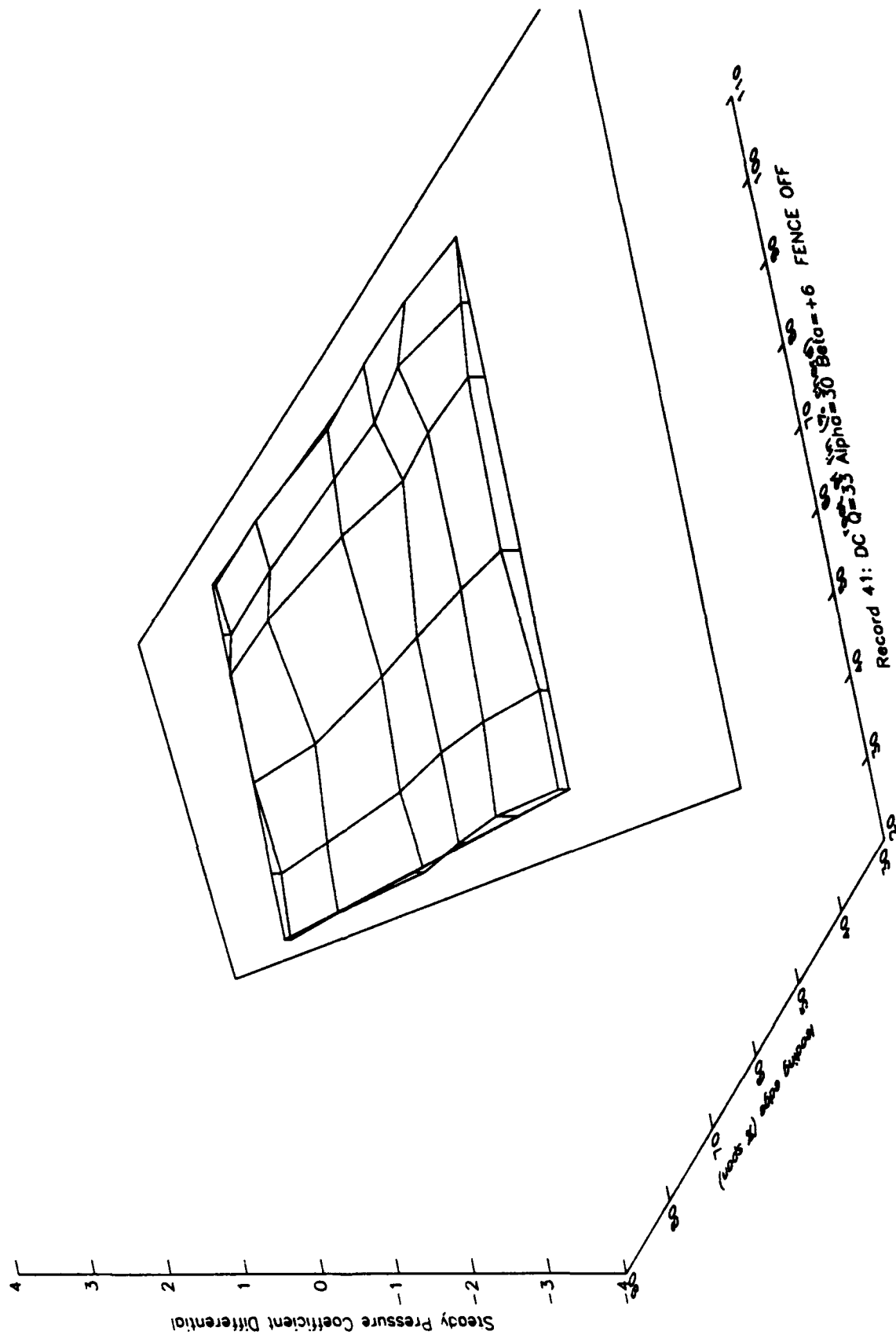
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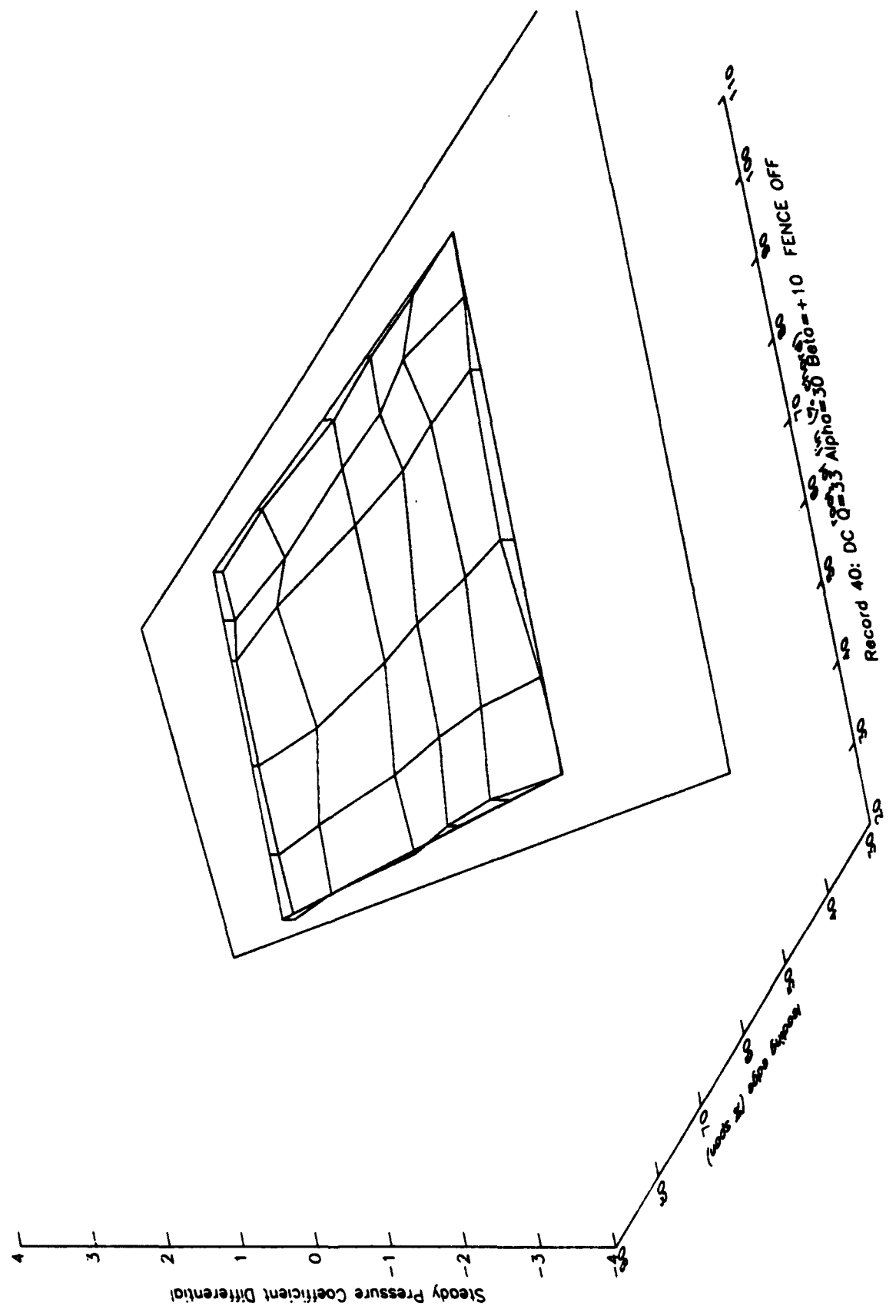
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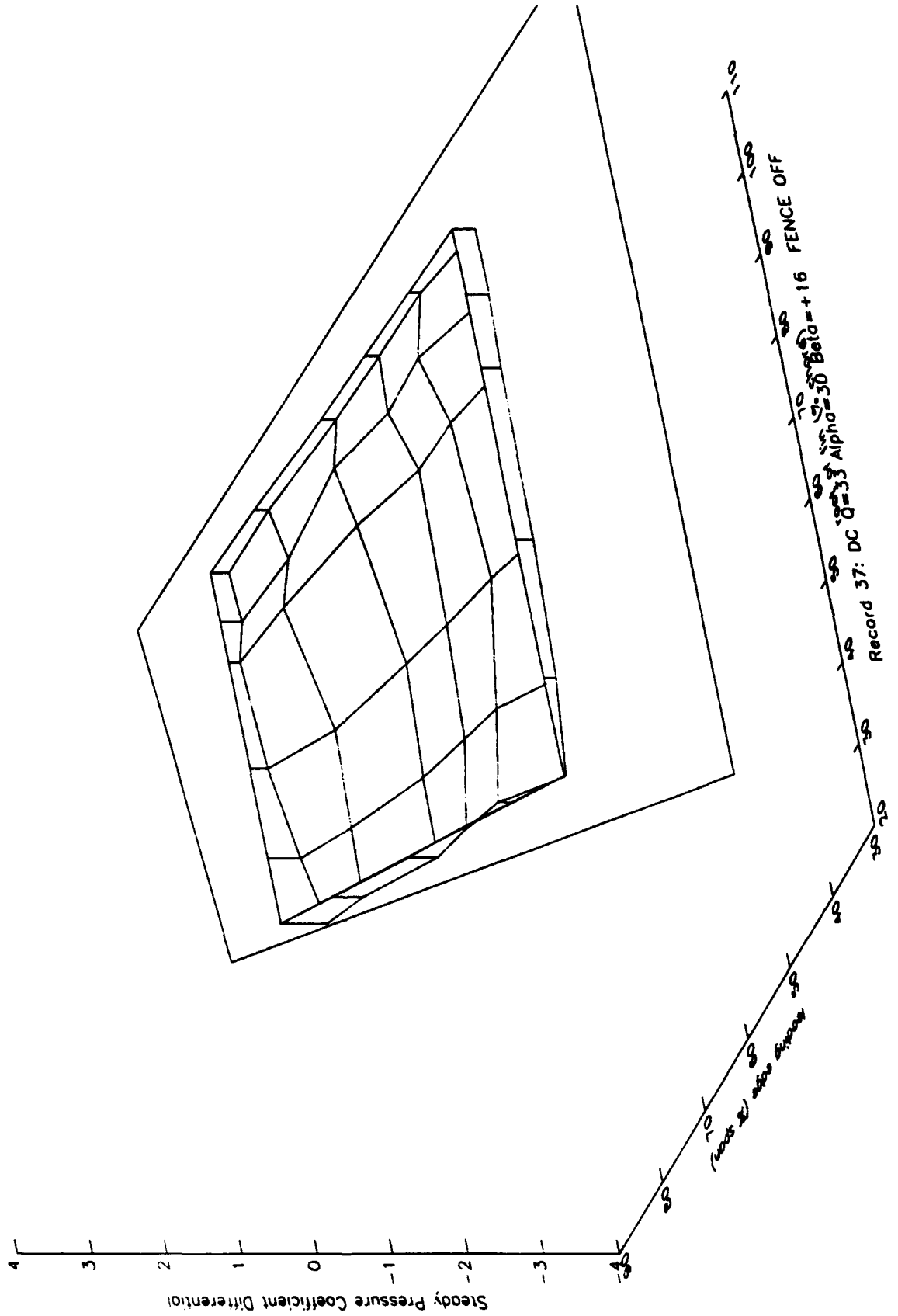
F-18 Tail Buffet Test



F-18 Tail Buffet Test

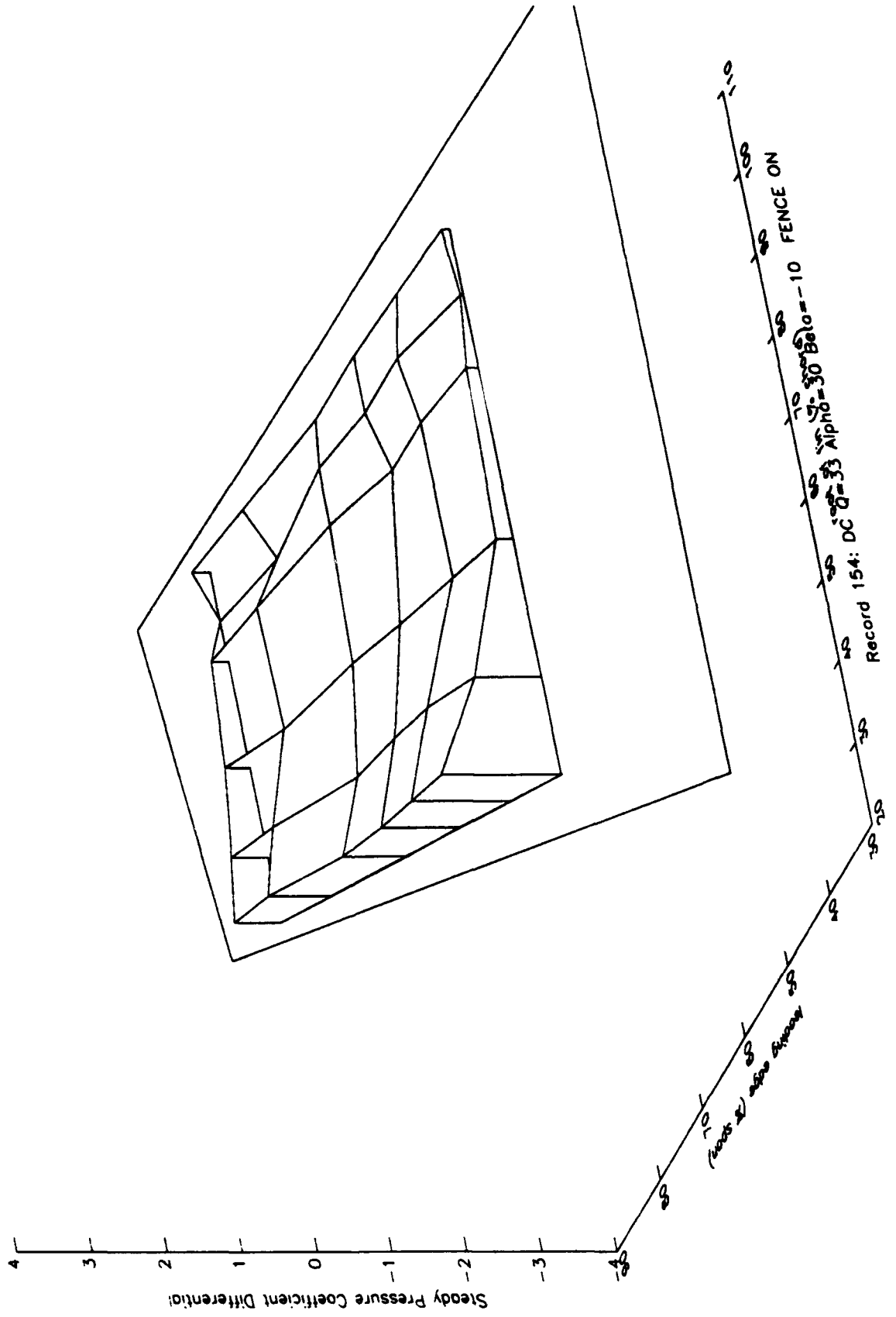


F-18 Tail Buffet Test

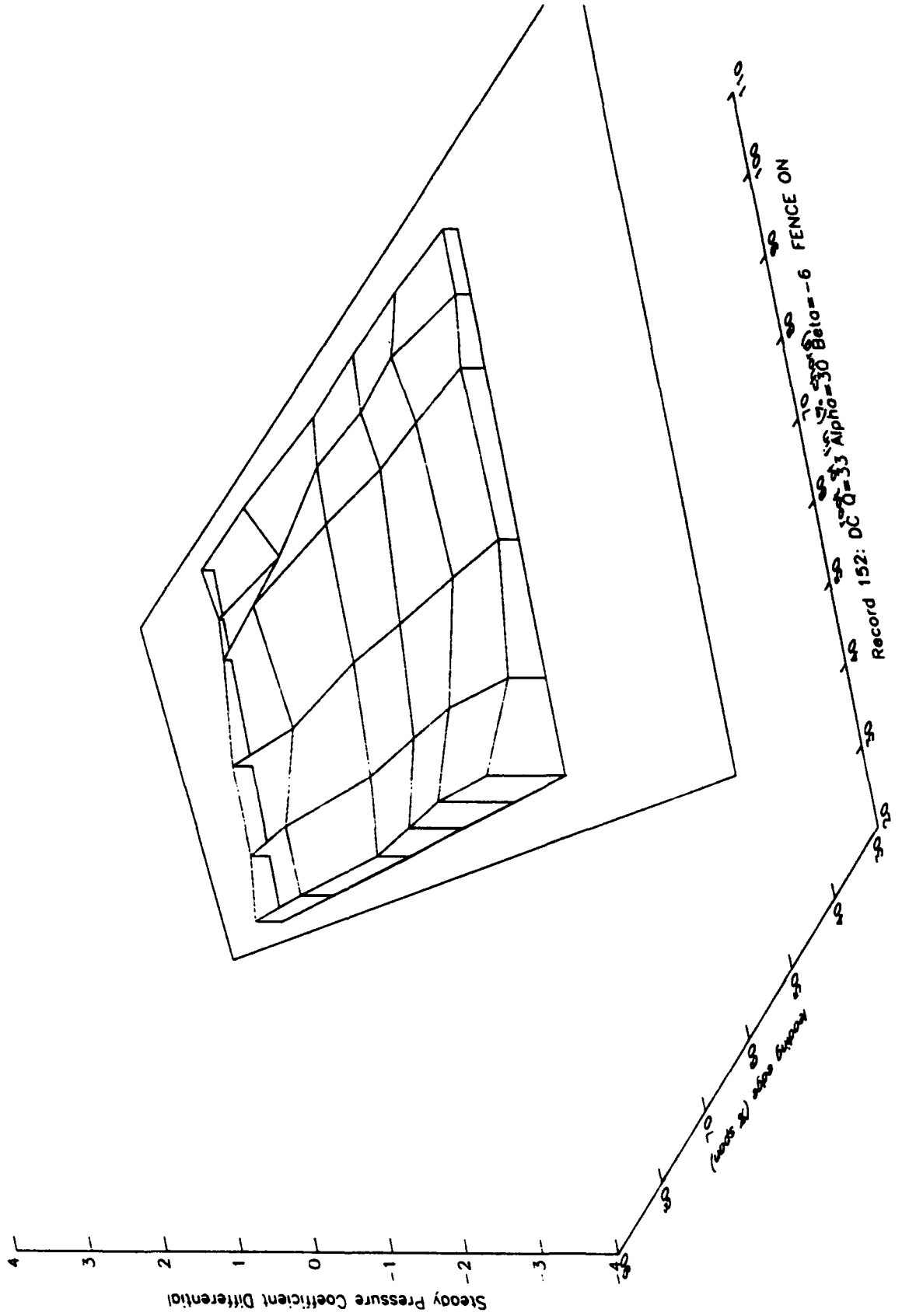


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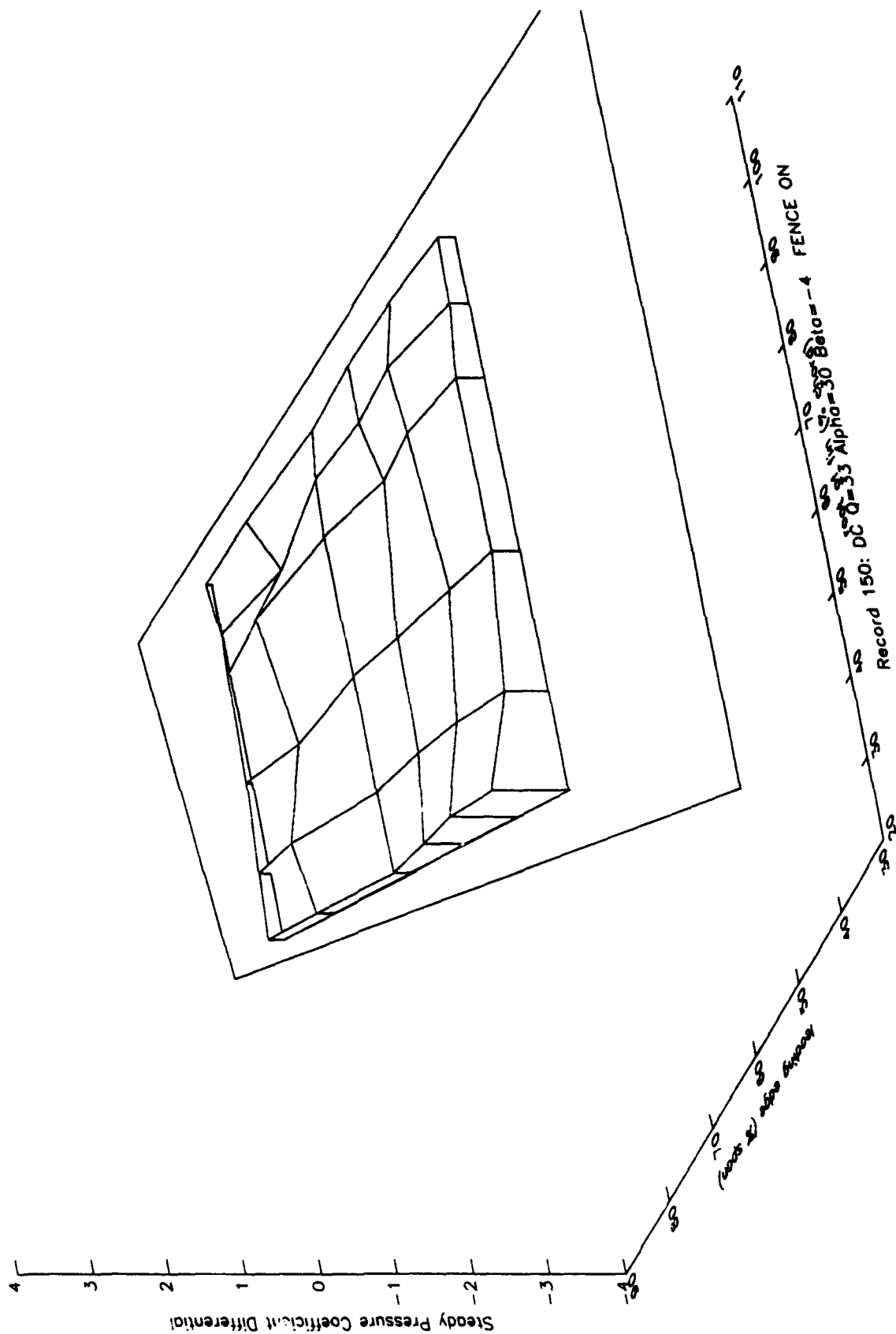
F-18 Tail Buffet Test



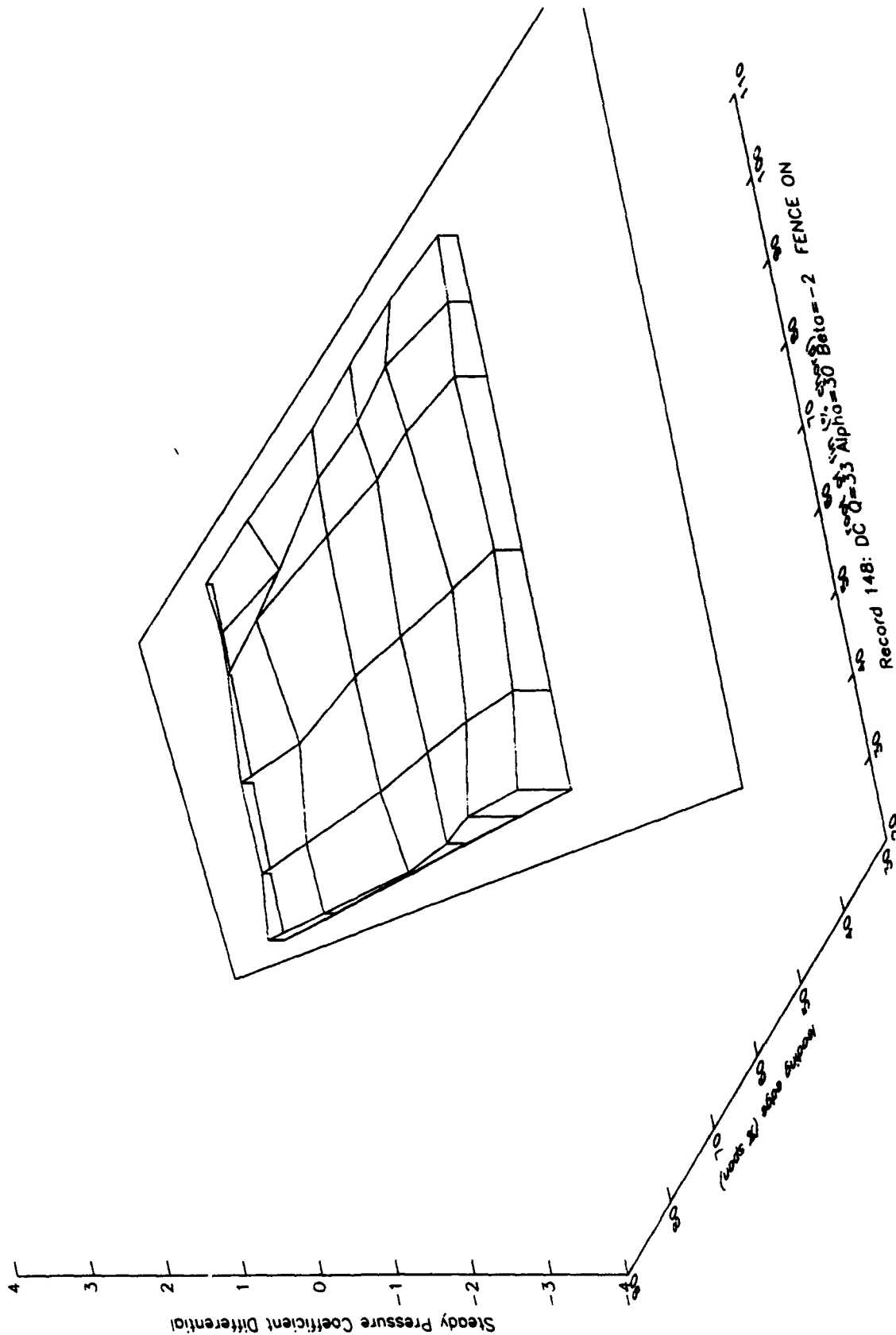
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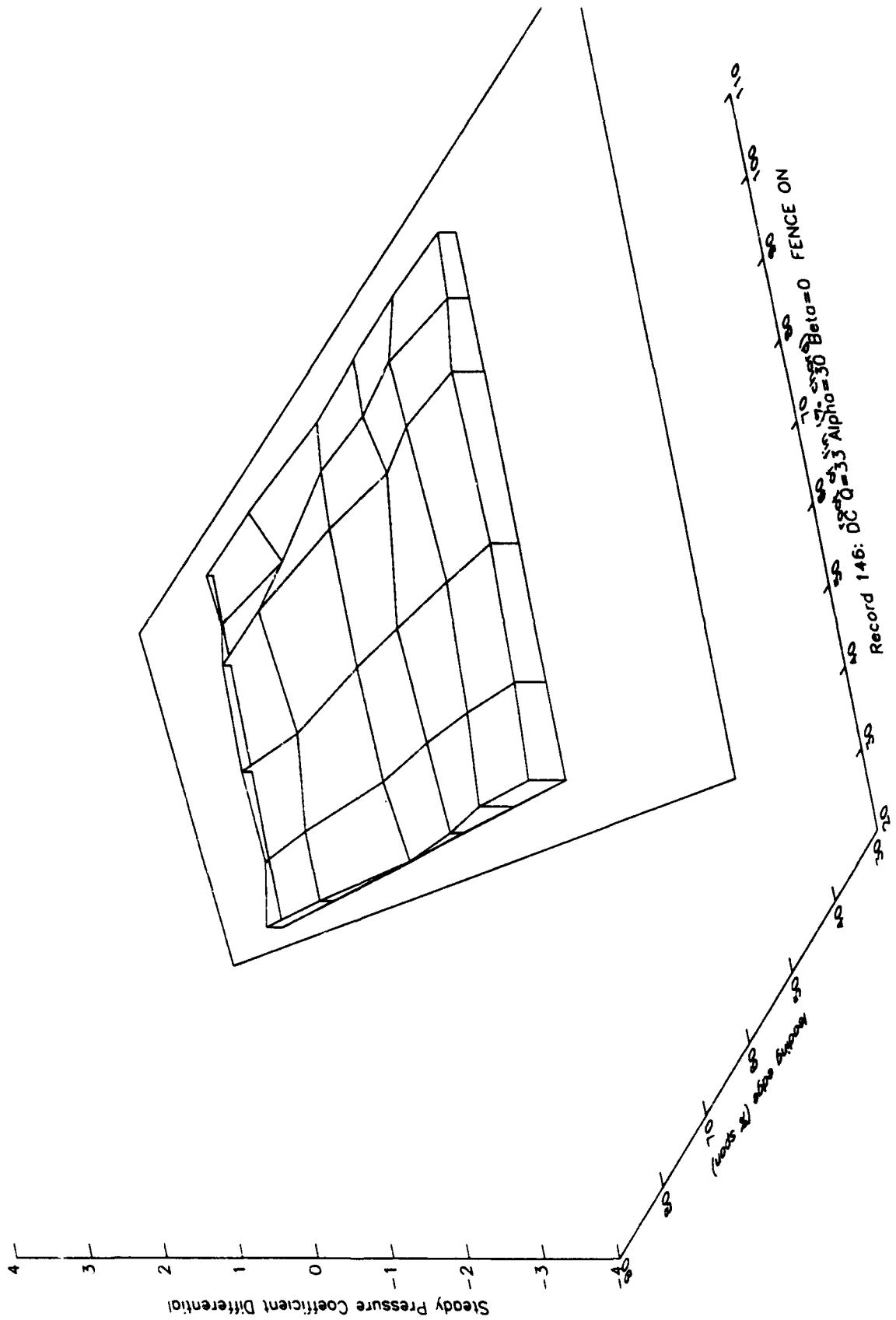
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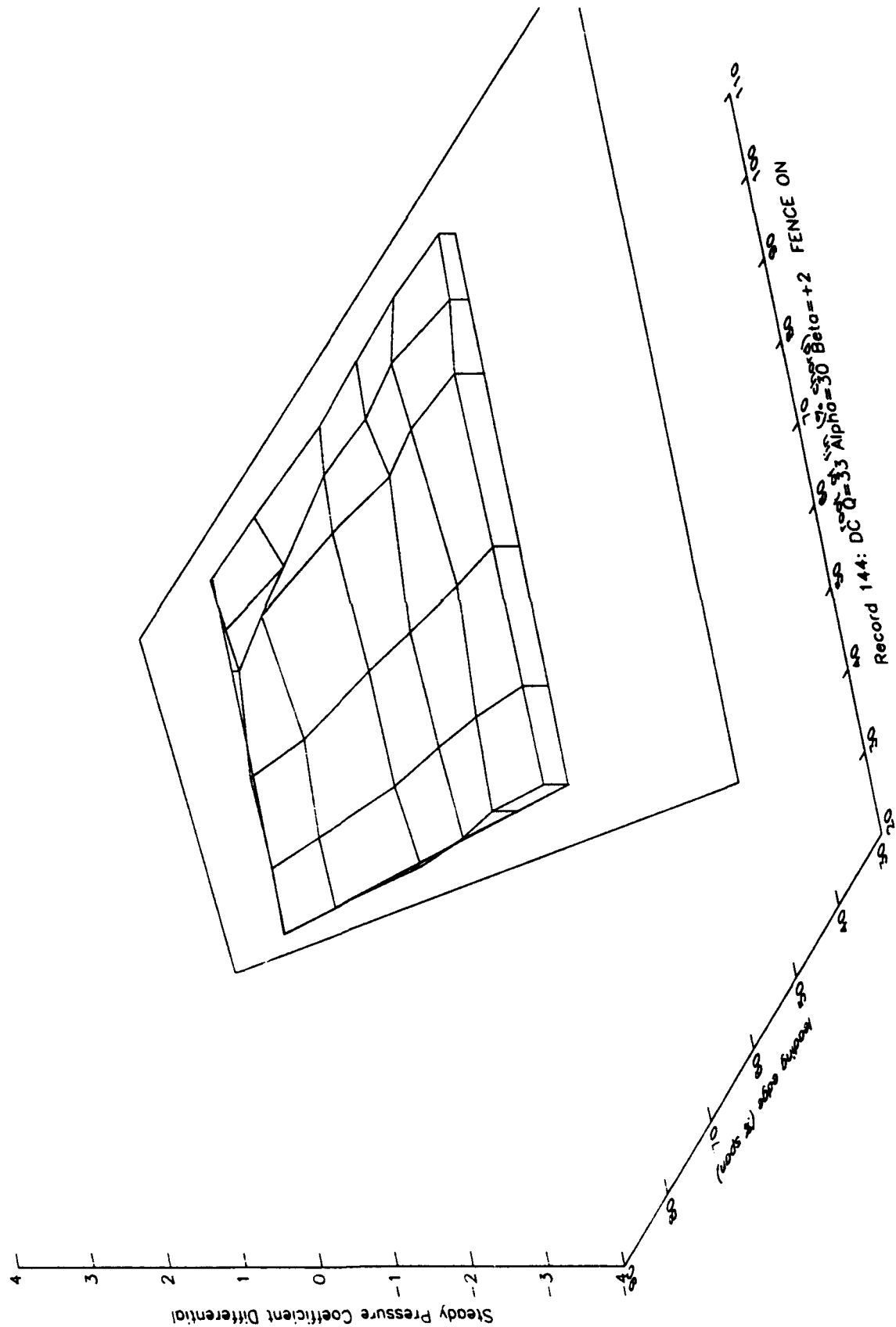
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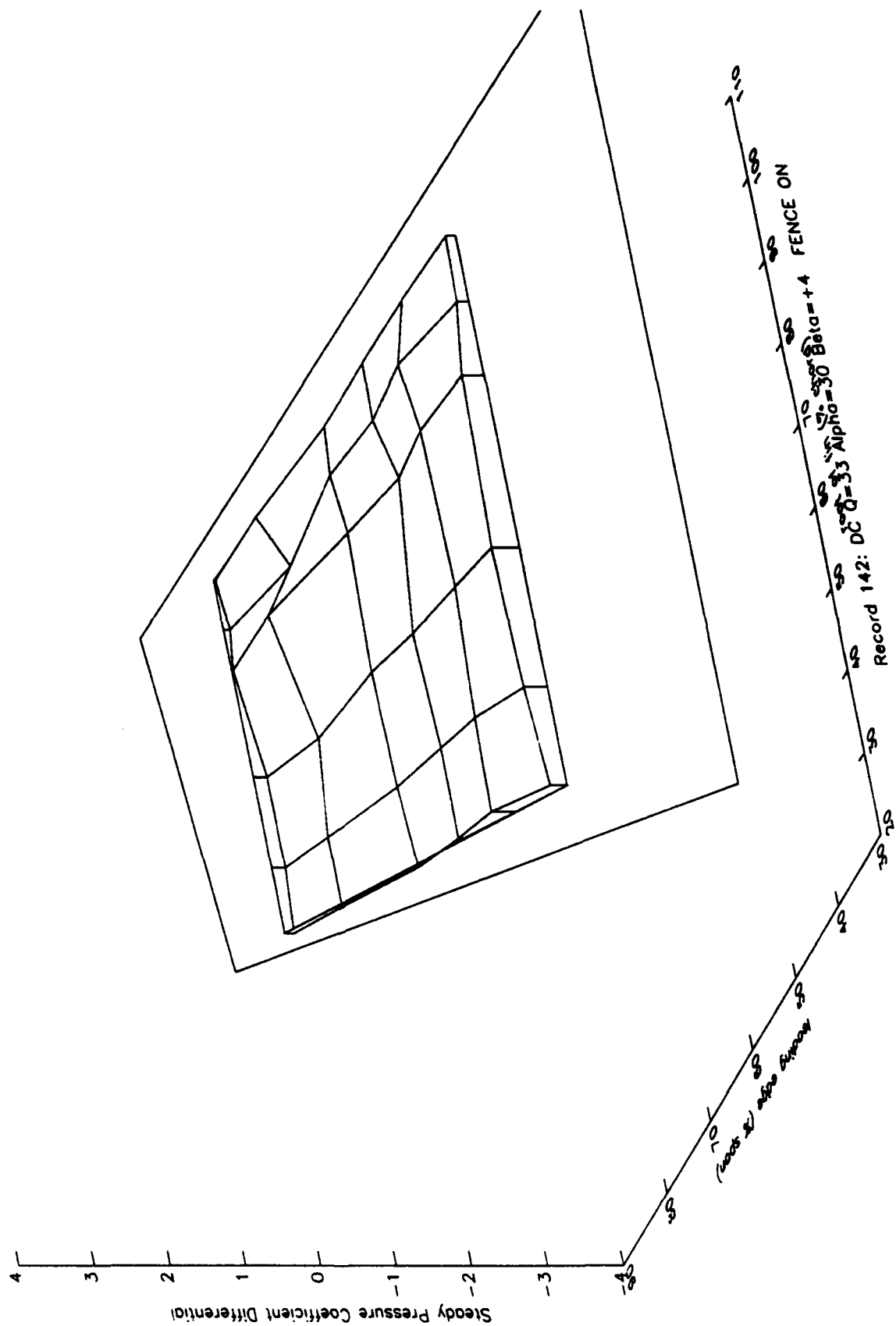
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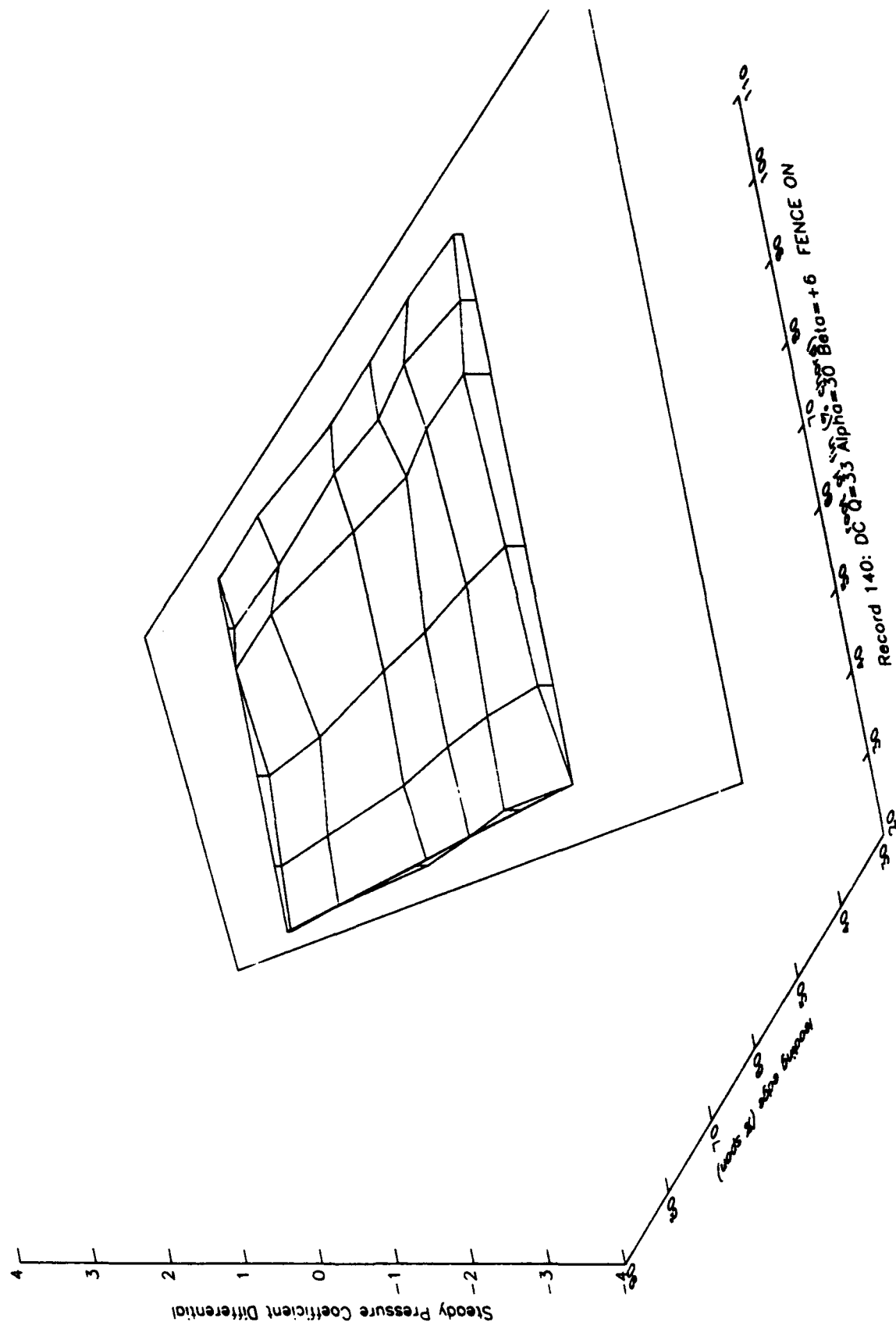
F-18 Tail Buffet Test



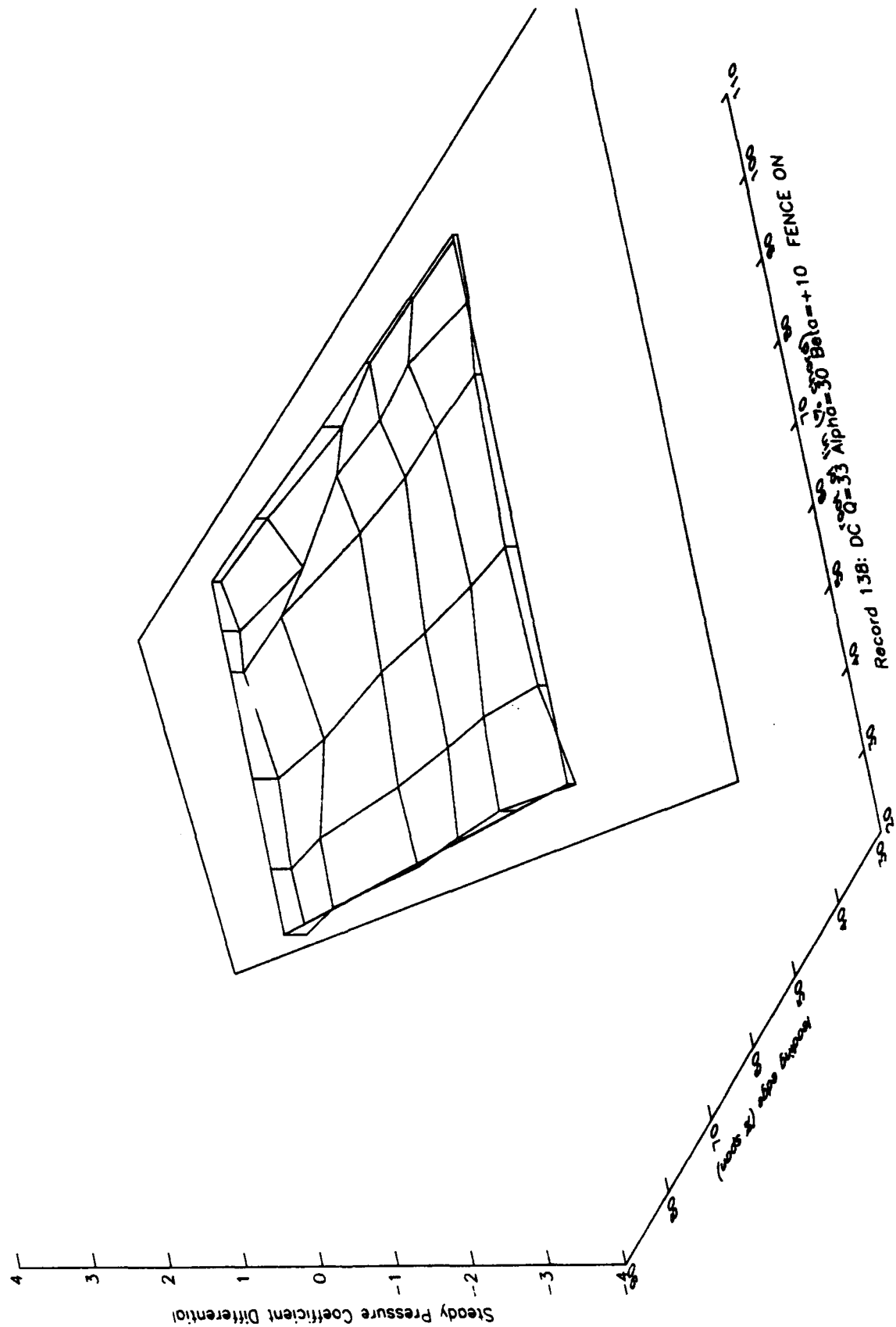
F-18 Tail Buffet Test



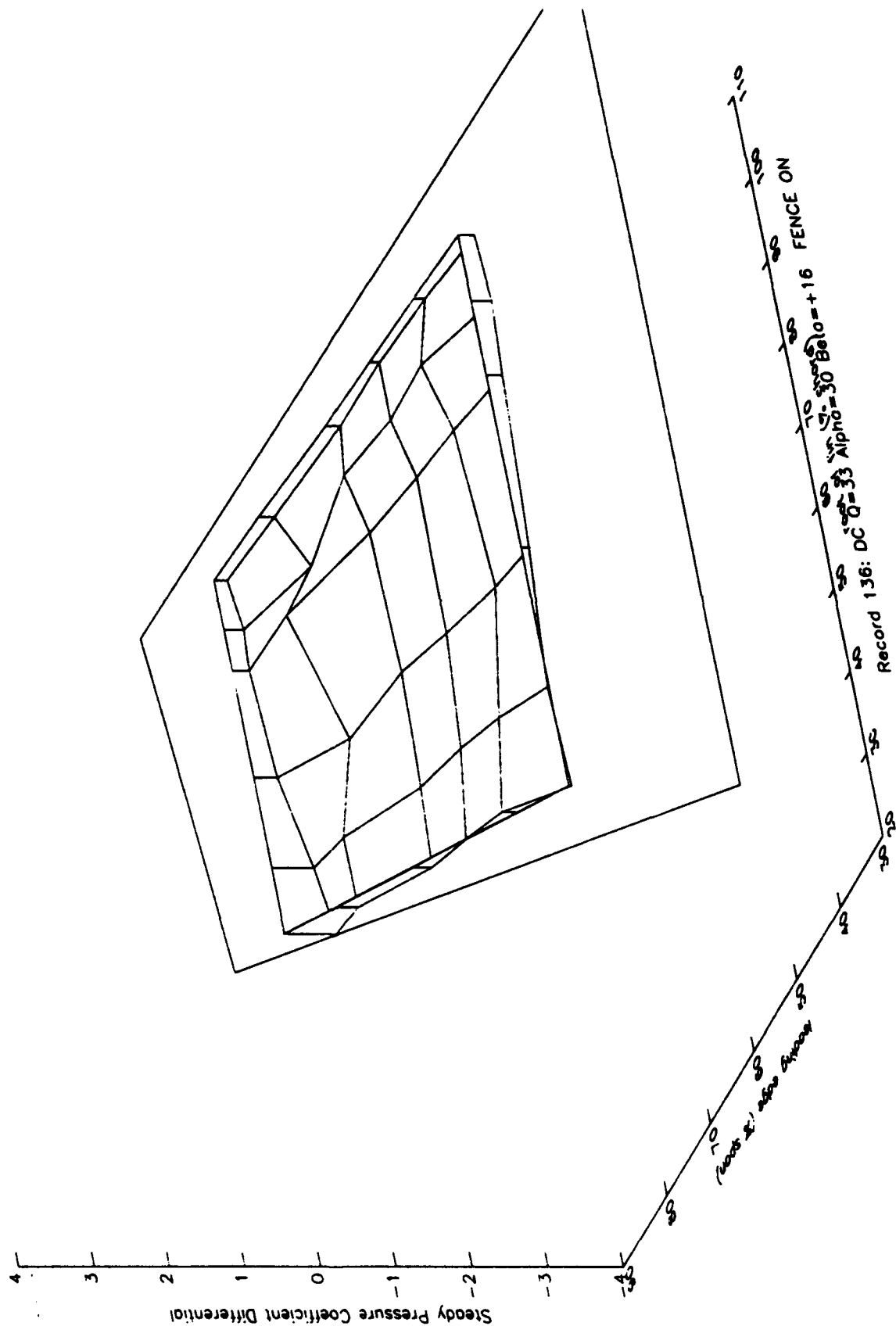
F-18 Tail Buffet Test



F-18 Tail Buffet Test



F-18 Tail Buffet Test



**Steady Pressure Coefficient Differential
Surface Plots**

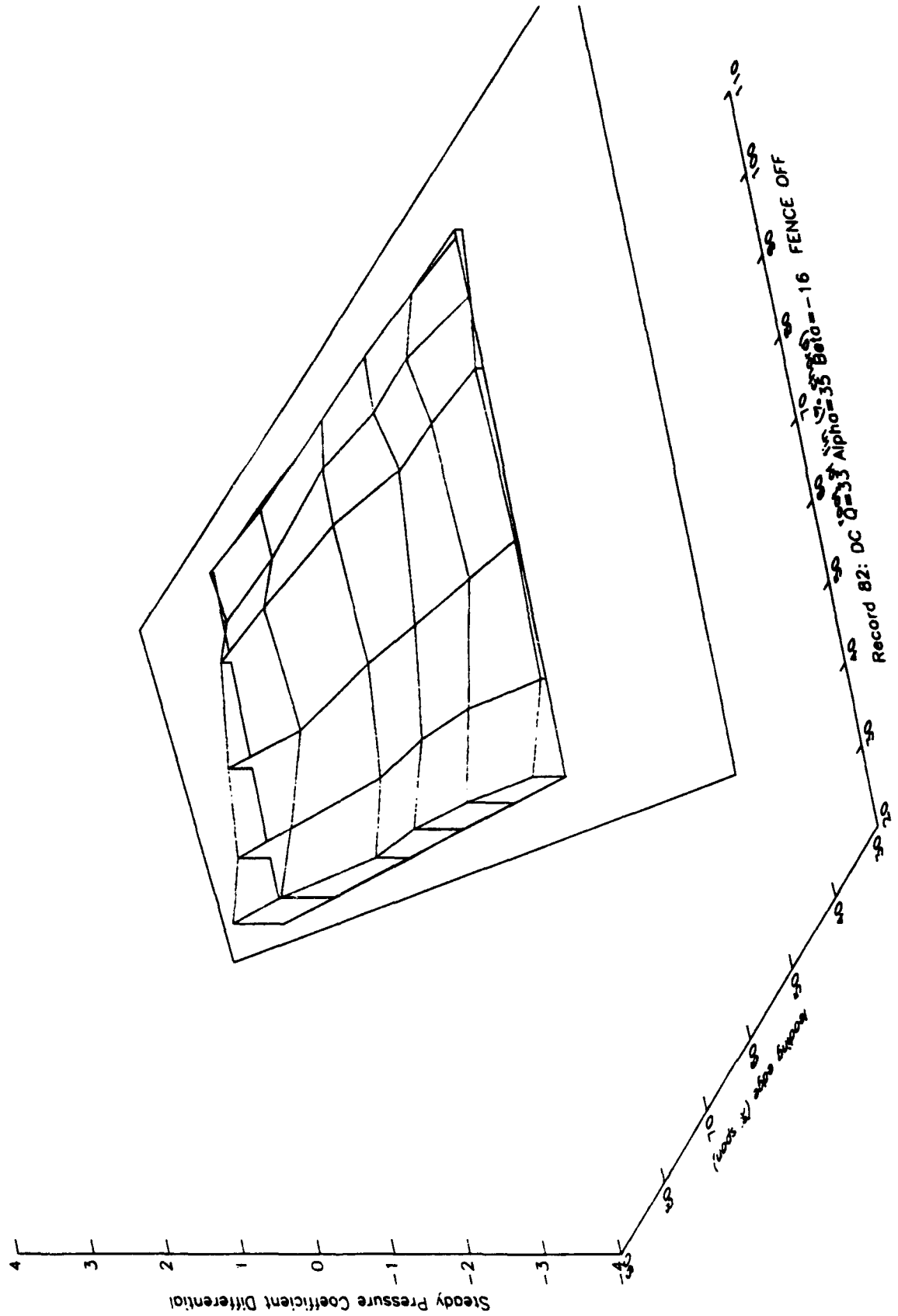
Sideslip Sweep at 35 *deg* Angle-of-Attack, $Q = 33$ *psf*

Sideslip Angles: -16, -10, -6, -4, -2, 0, 2, 4, 6, 10, and 16 *deg*

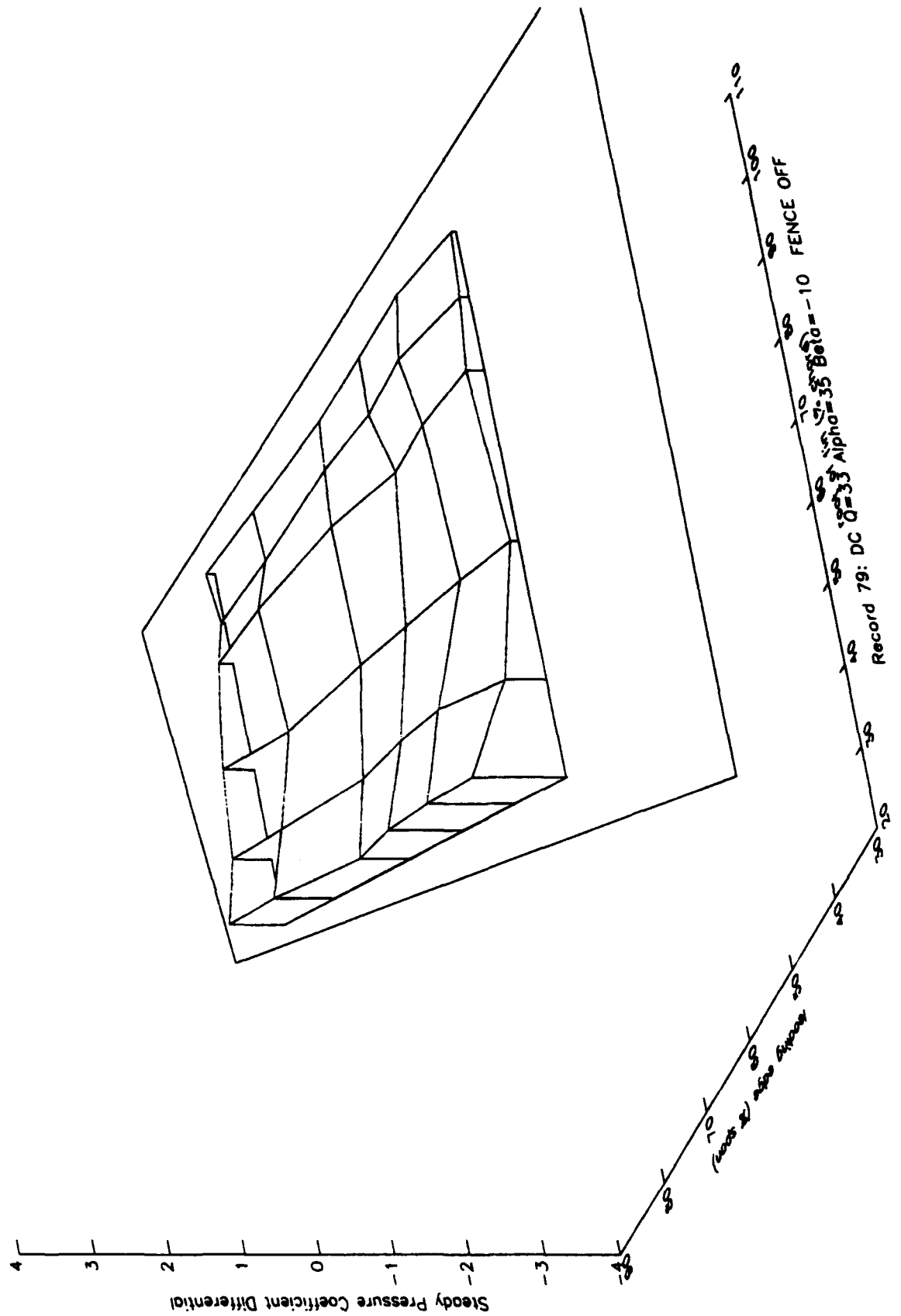
Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fin (% chord)."

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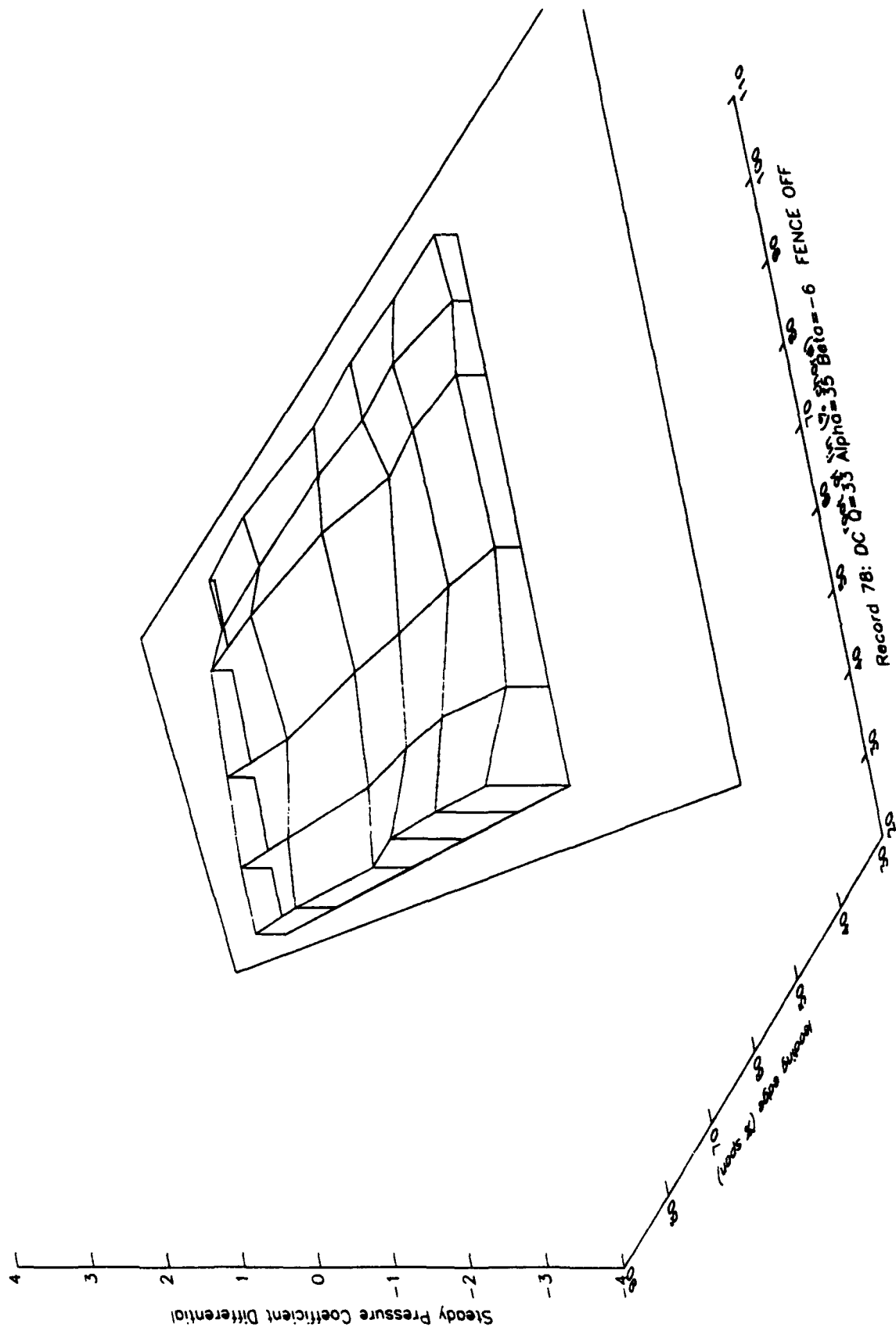
F-18 Tail Buffet Test



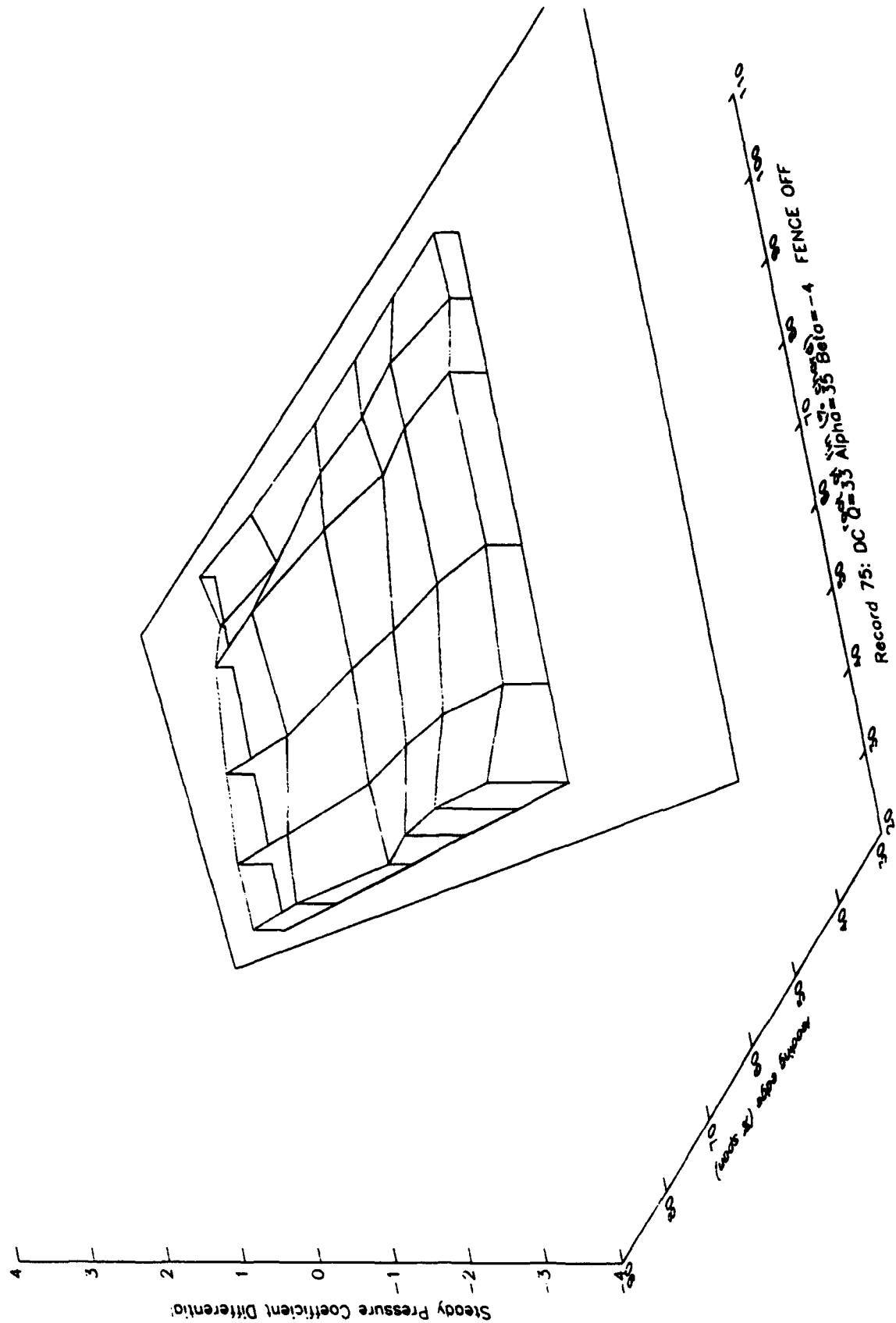
F-18 Tail Buffet Test



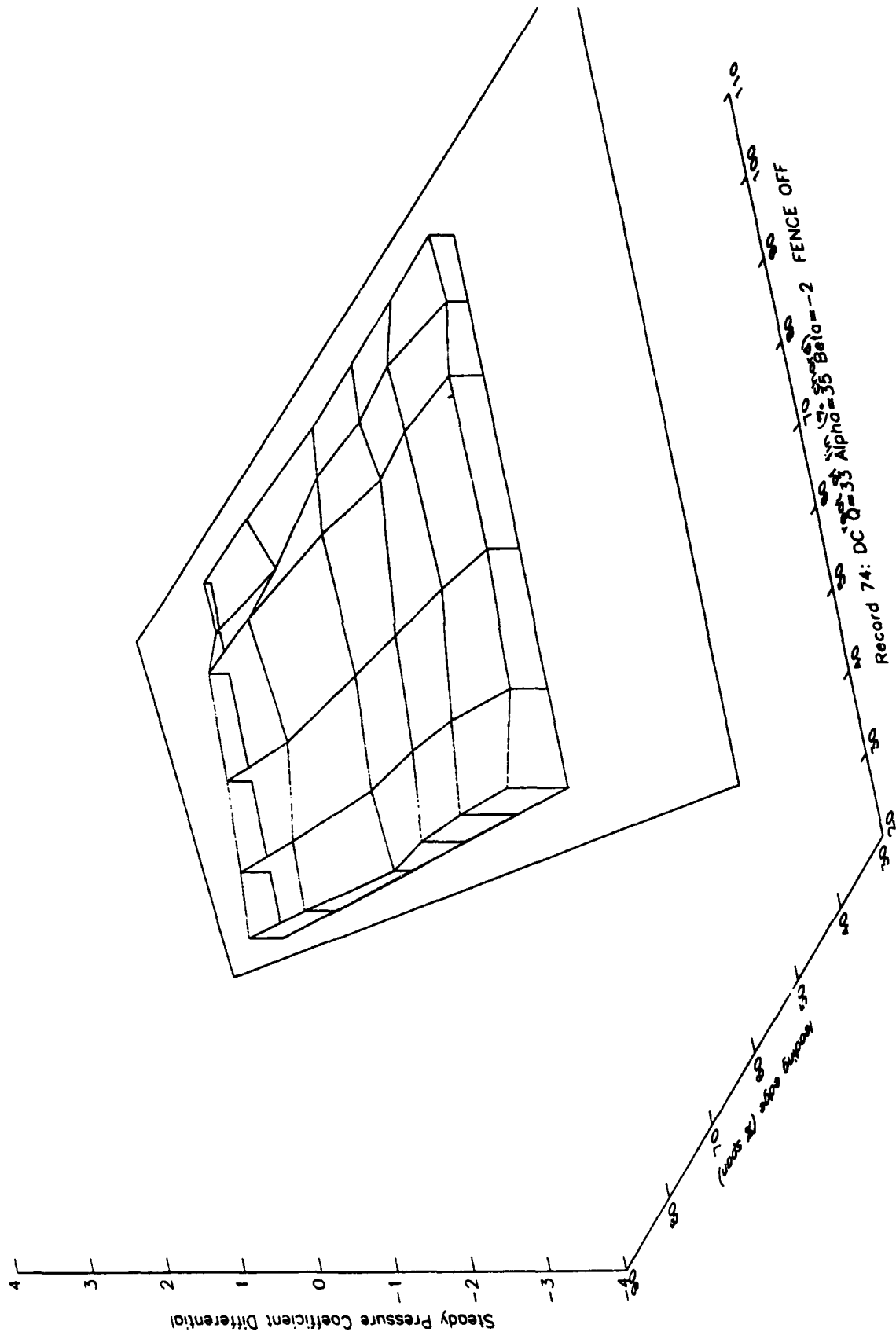
F-18 Tail Buffet Test



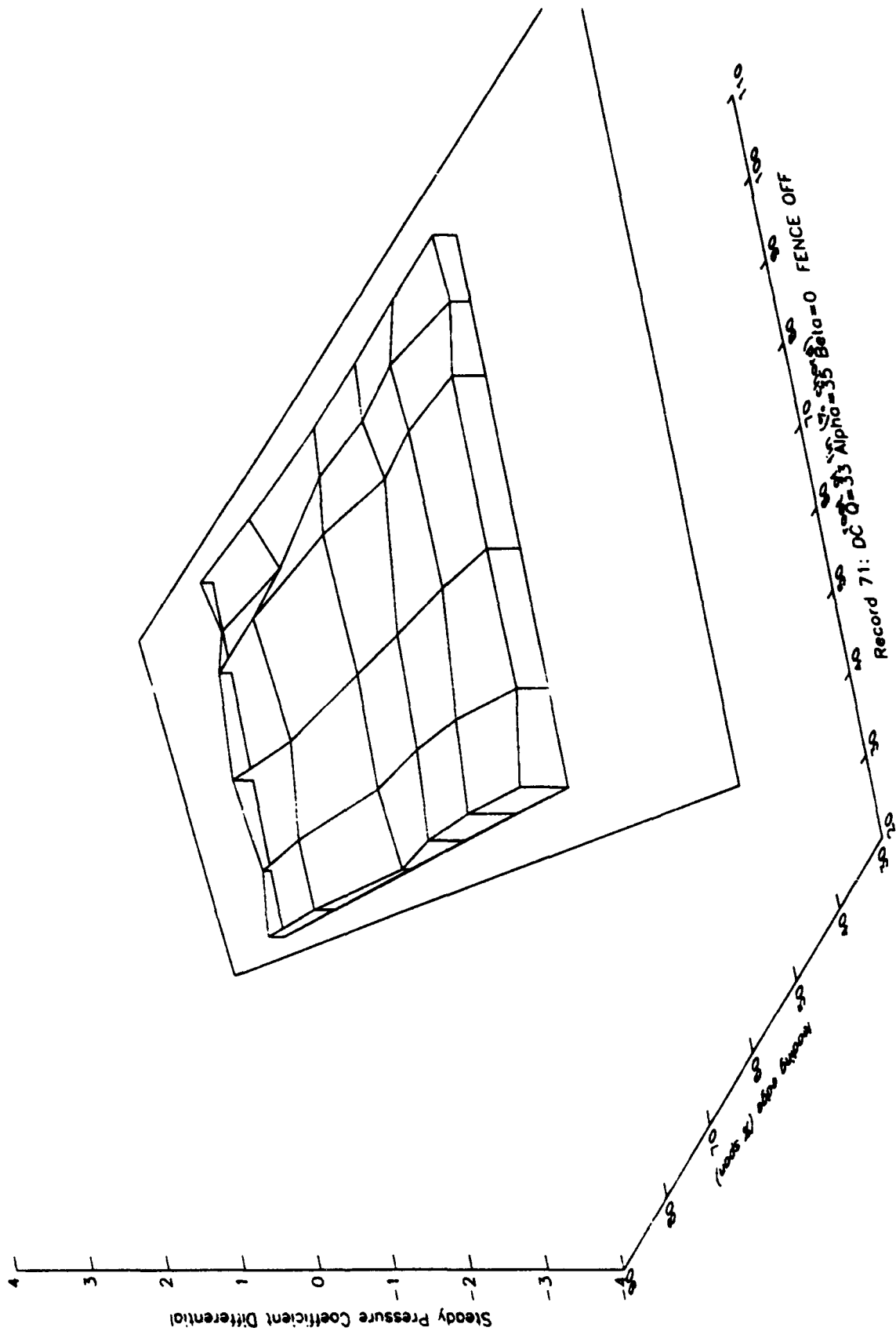
F-18 Tail Buffet Test



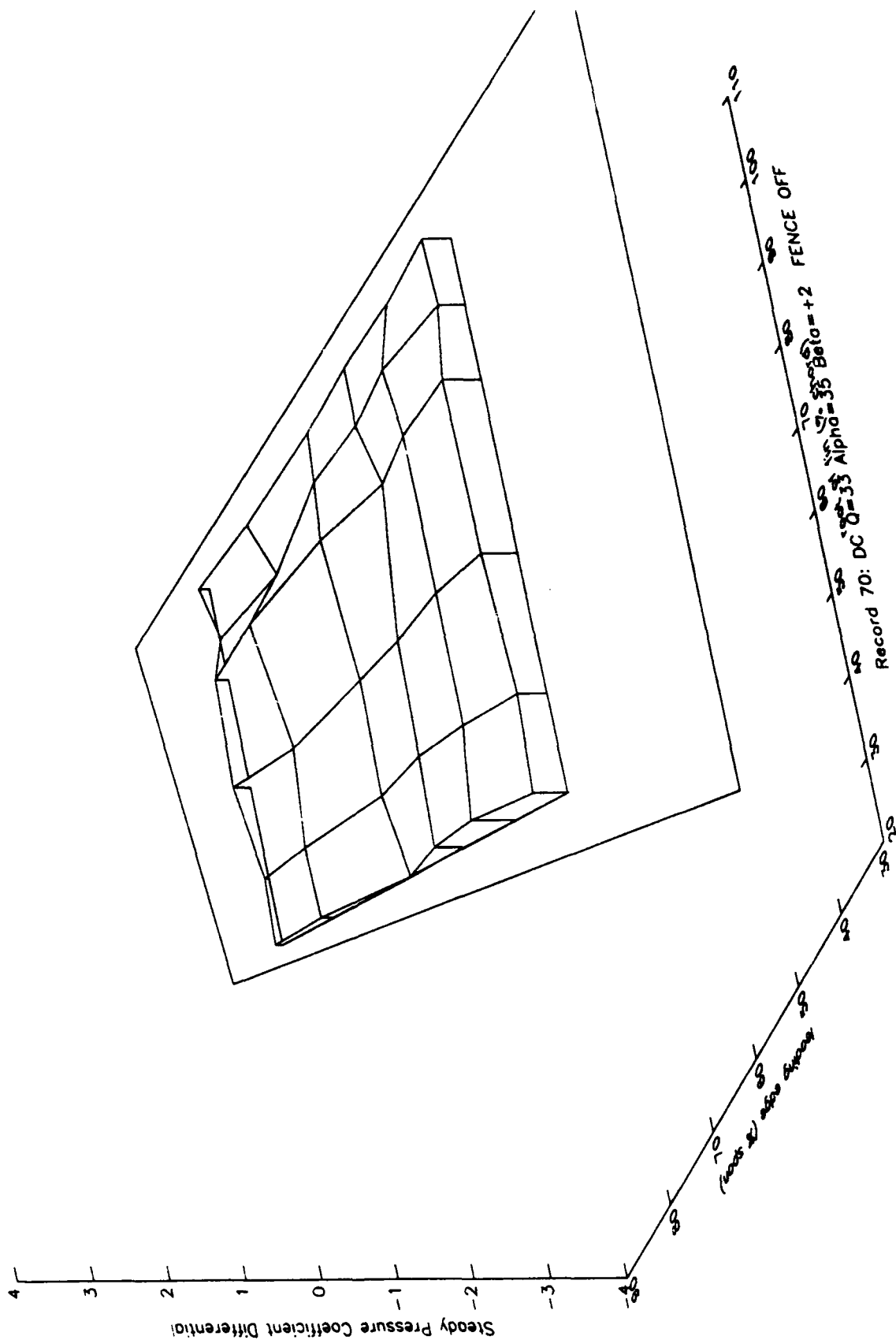
F-18 Tail Buffet Test



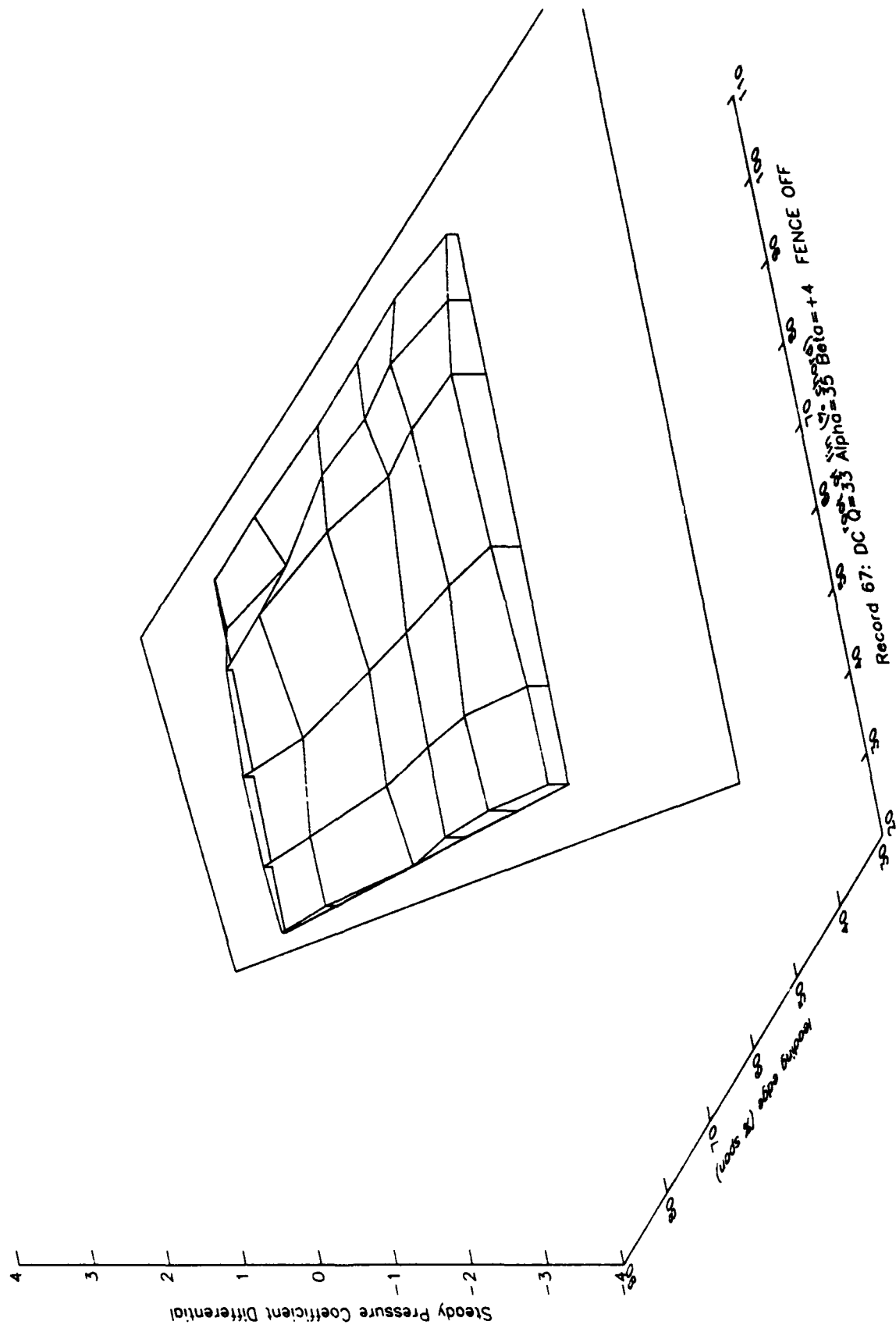
F-18 Tail Buffet Test



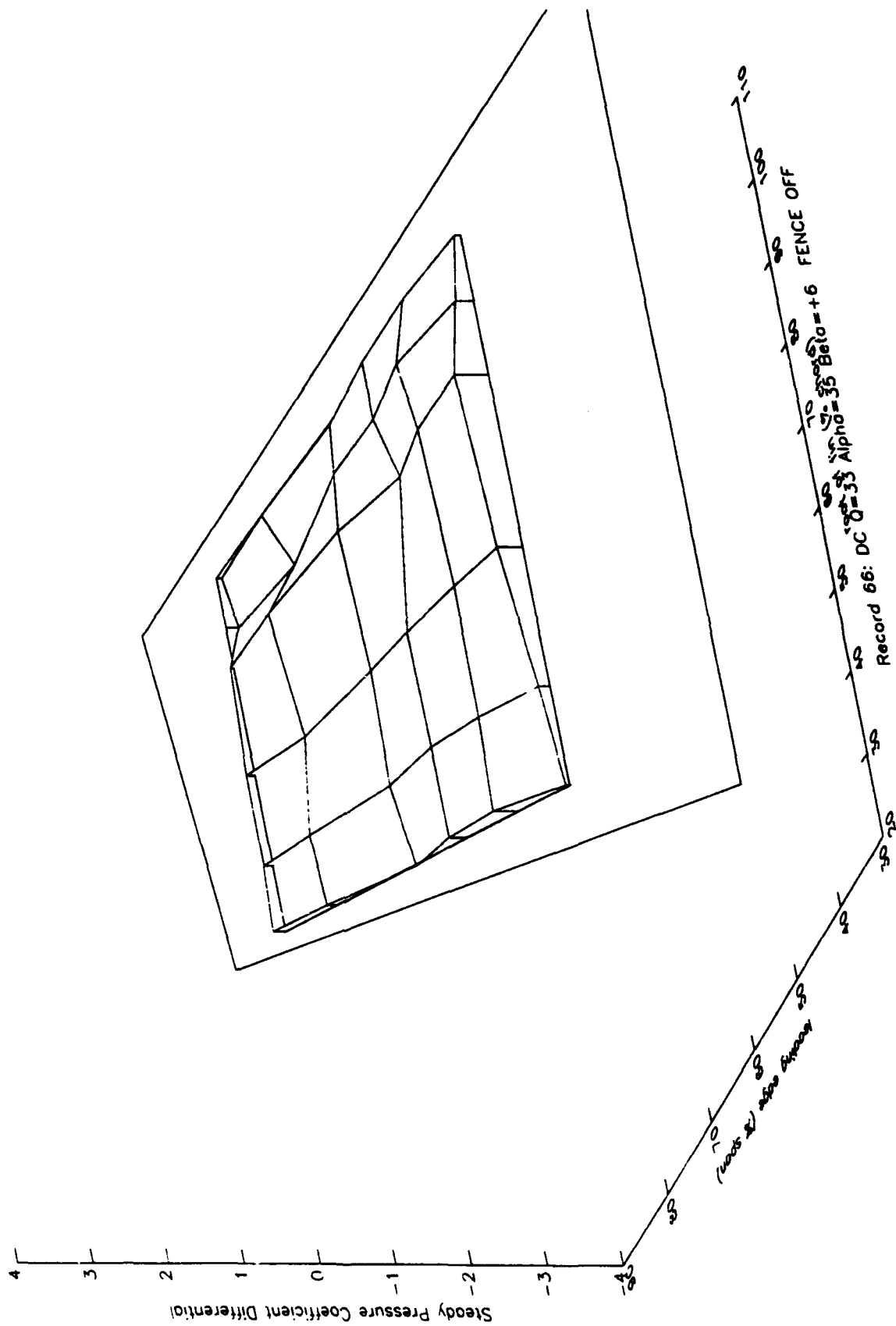
F-18 Tail Buffet Test



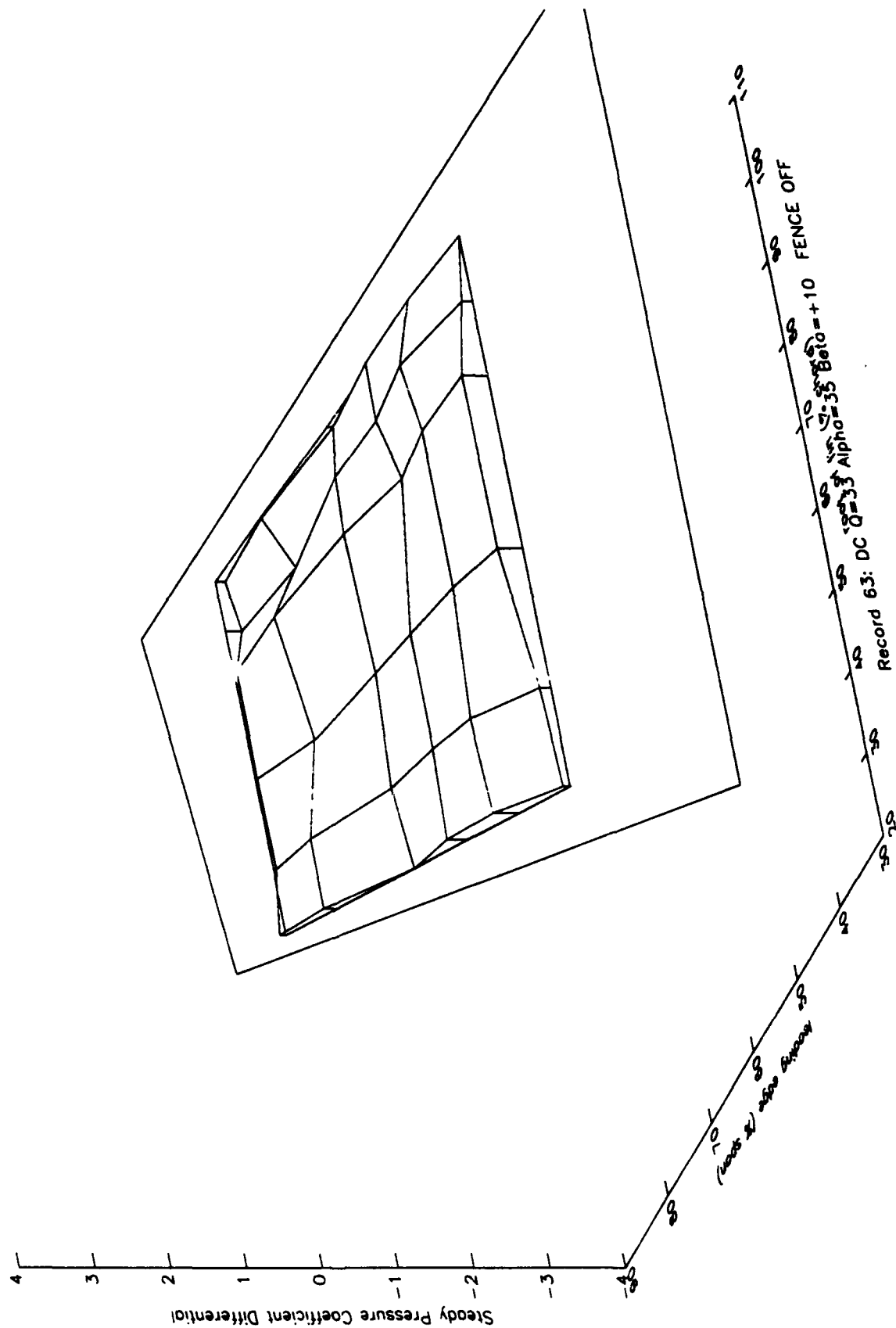
F-18 Tail Buffet Test



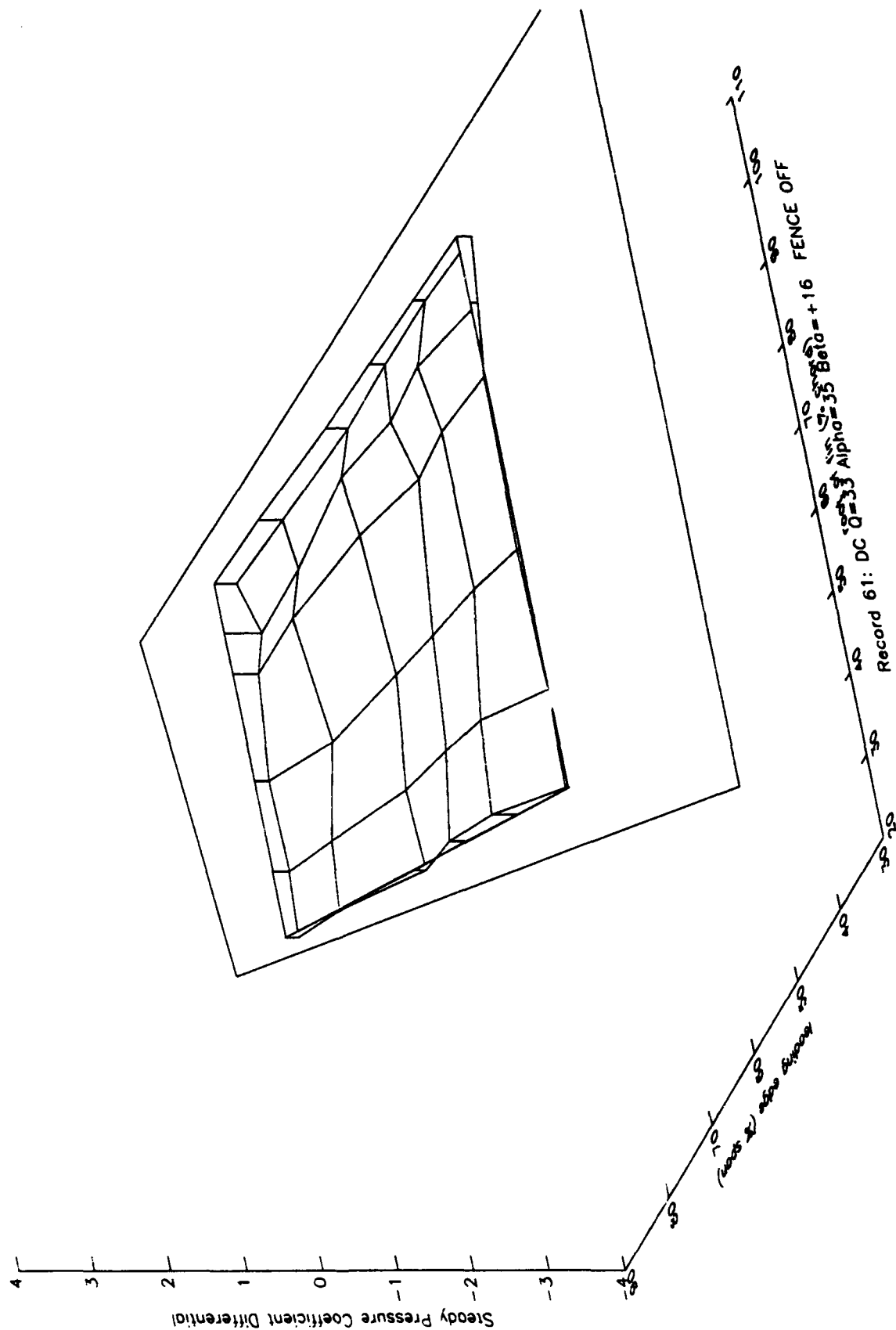
F-18 Tail Buffet Test



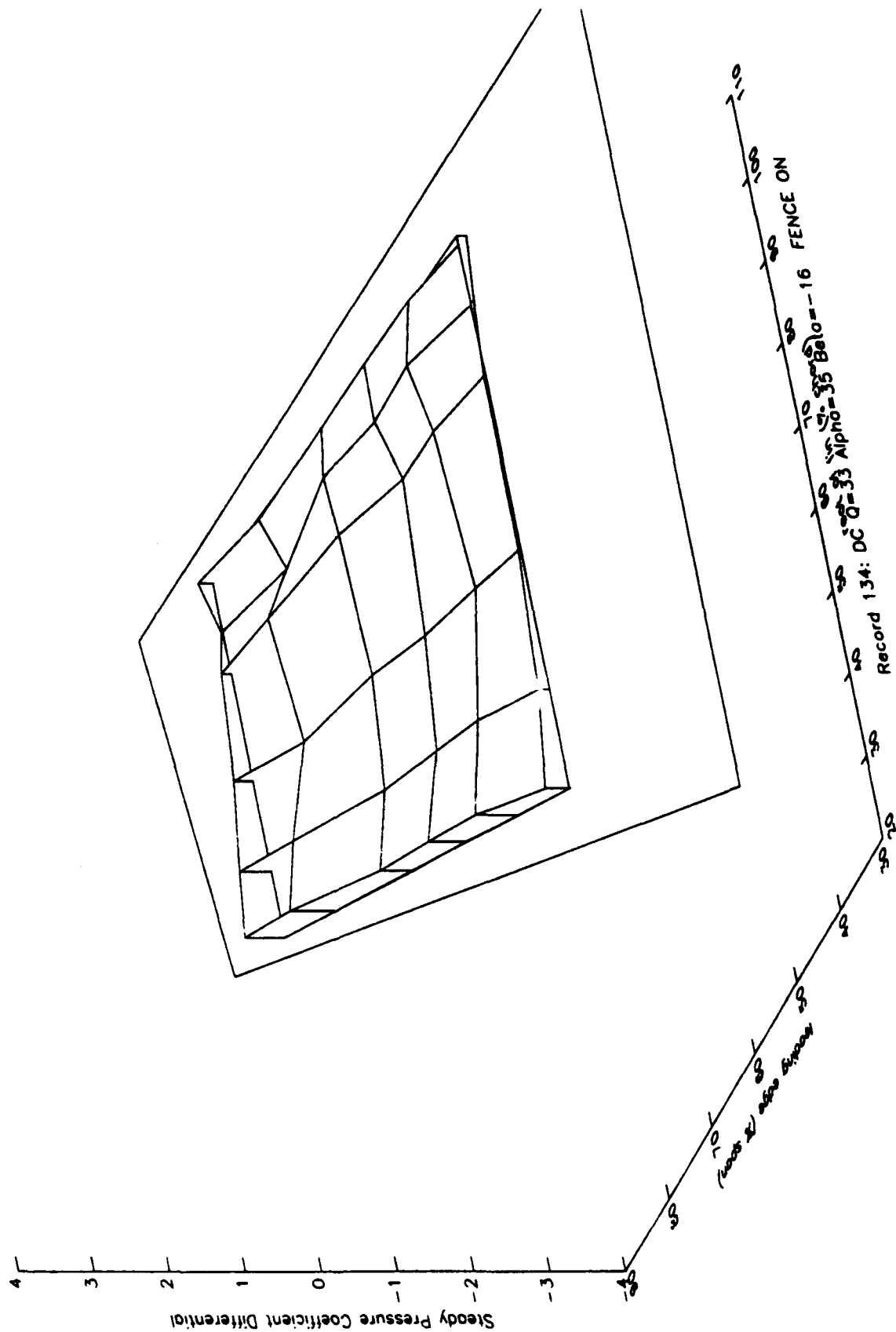
F-18 Tail Buffet Test



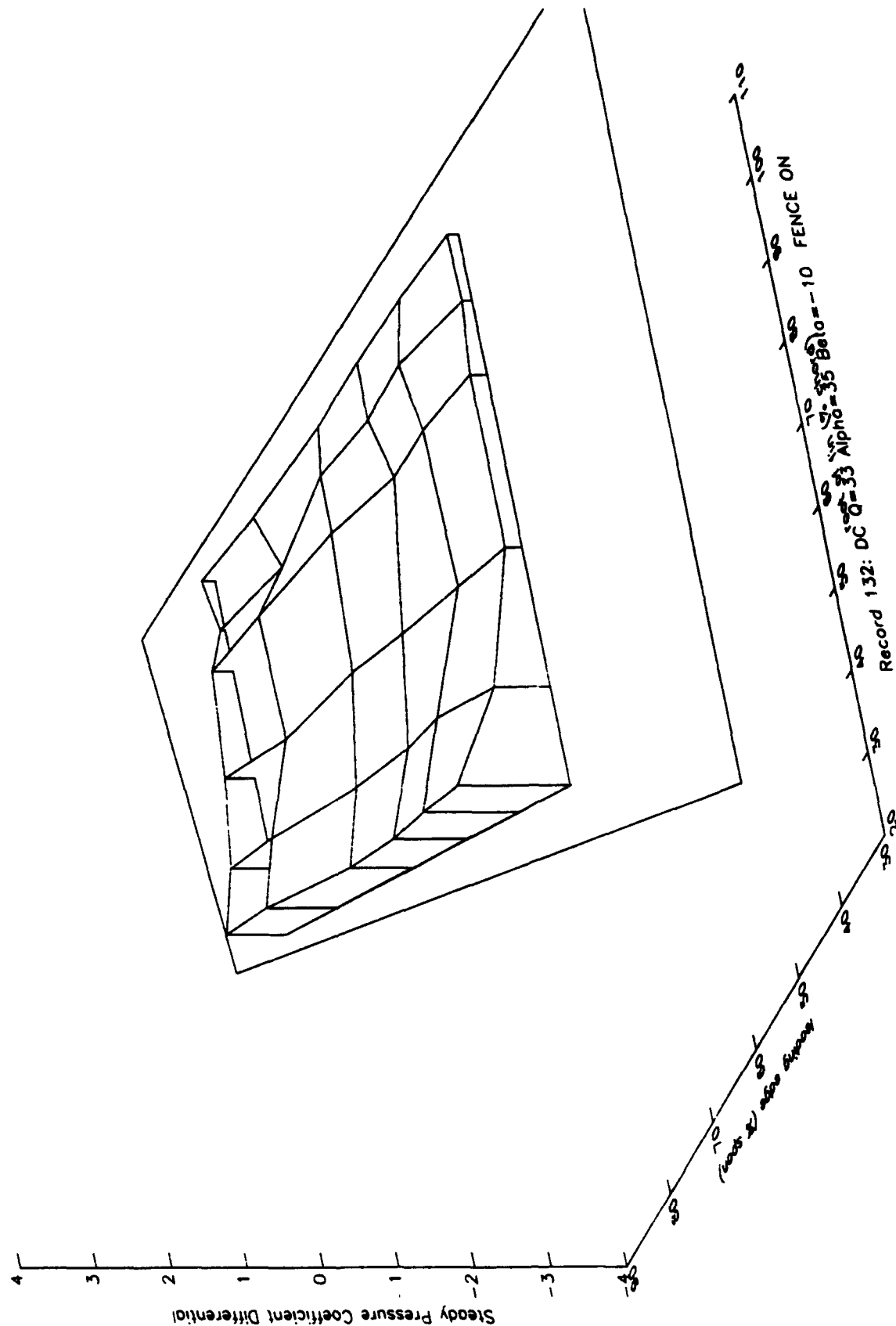
F-18 Tail Buffet Test



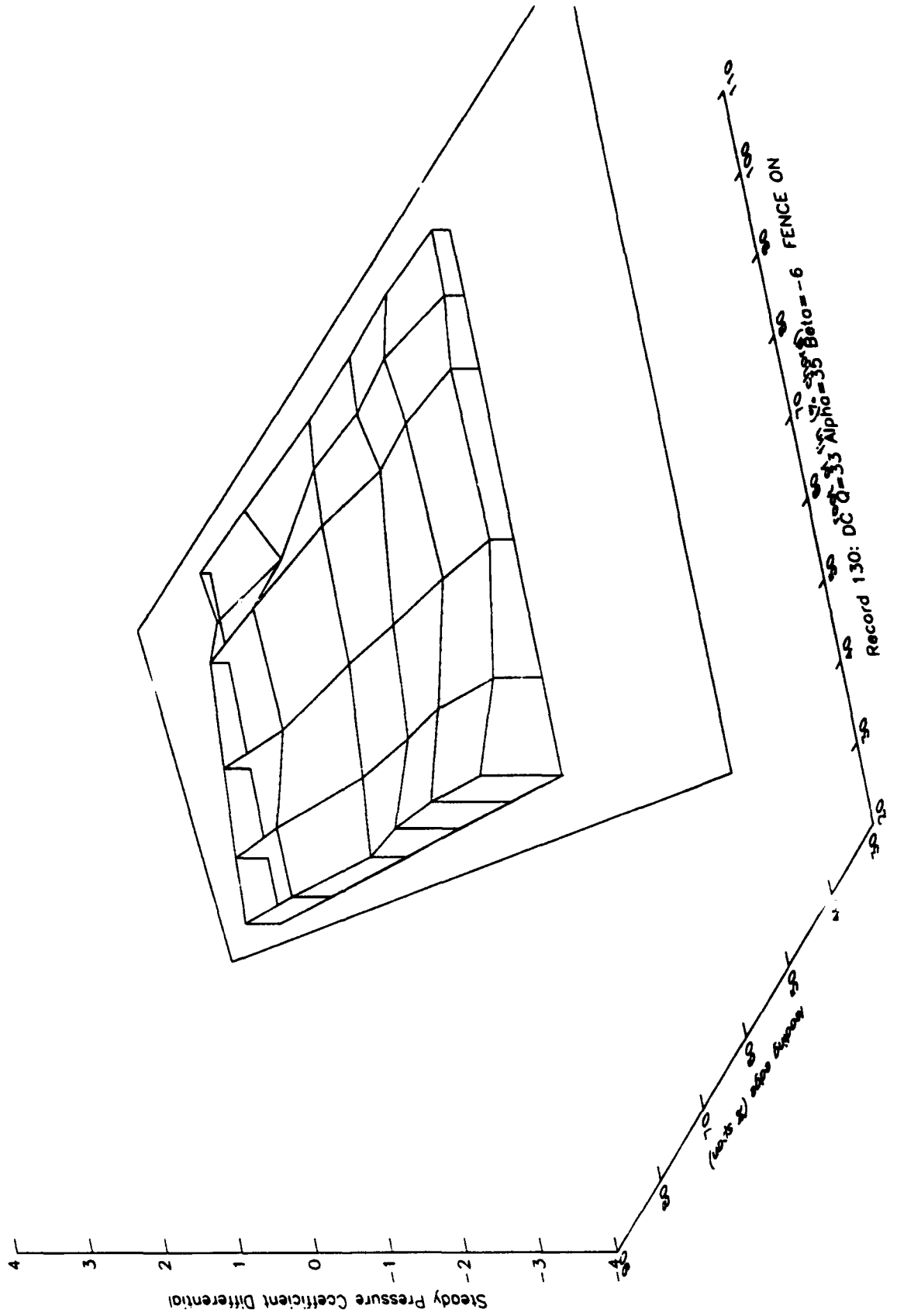
F-18 Tail Buffet Test



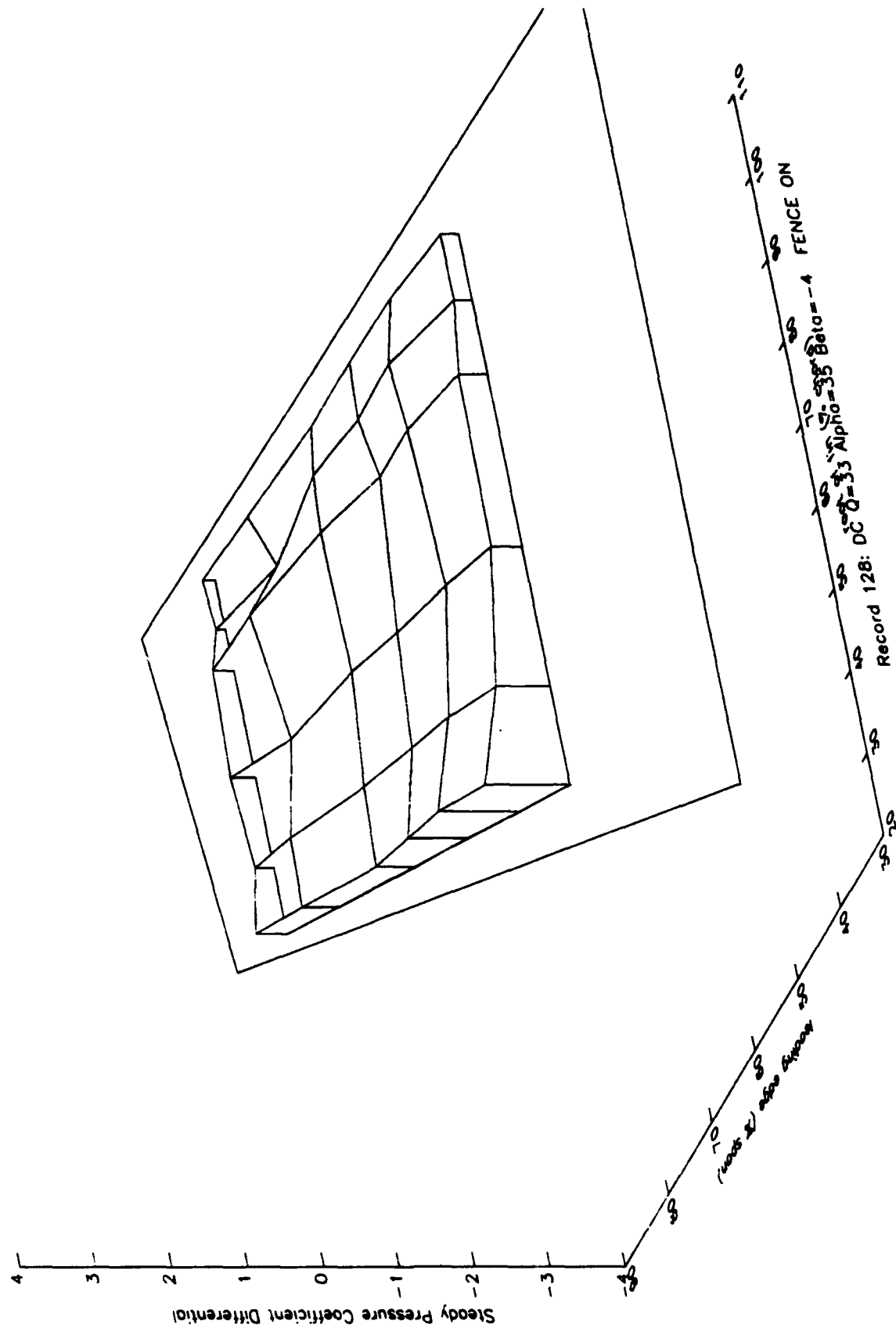
F-18 Tail Buffet Test



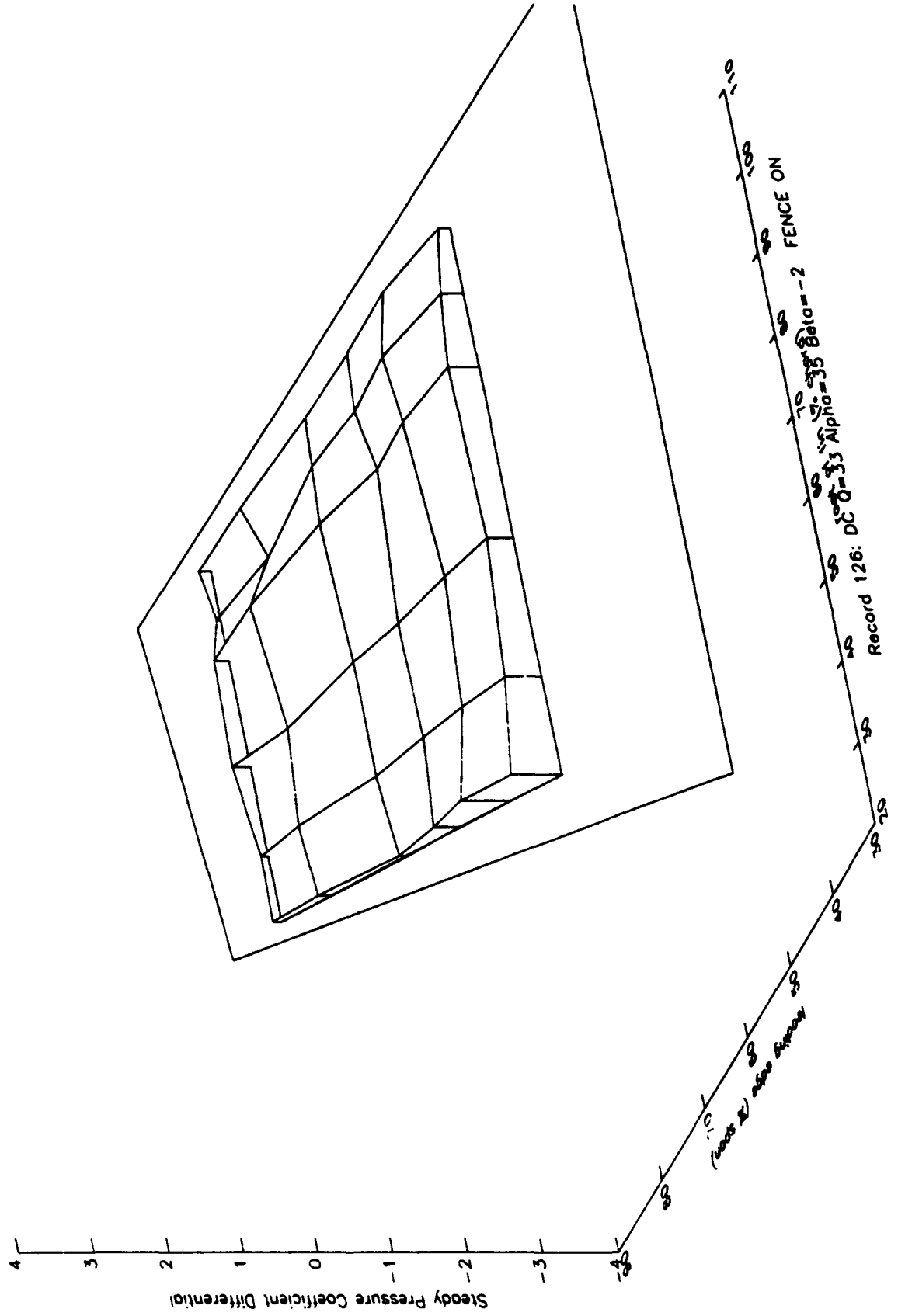
F-18 Tail Buffet Test



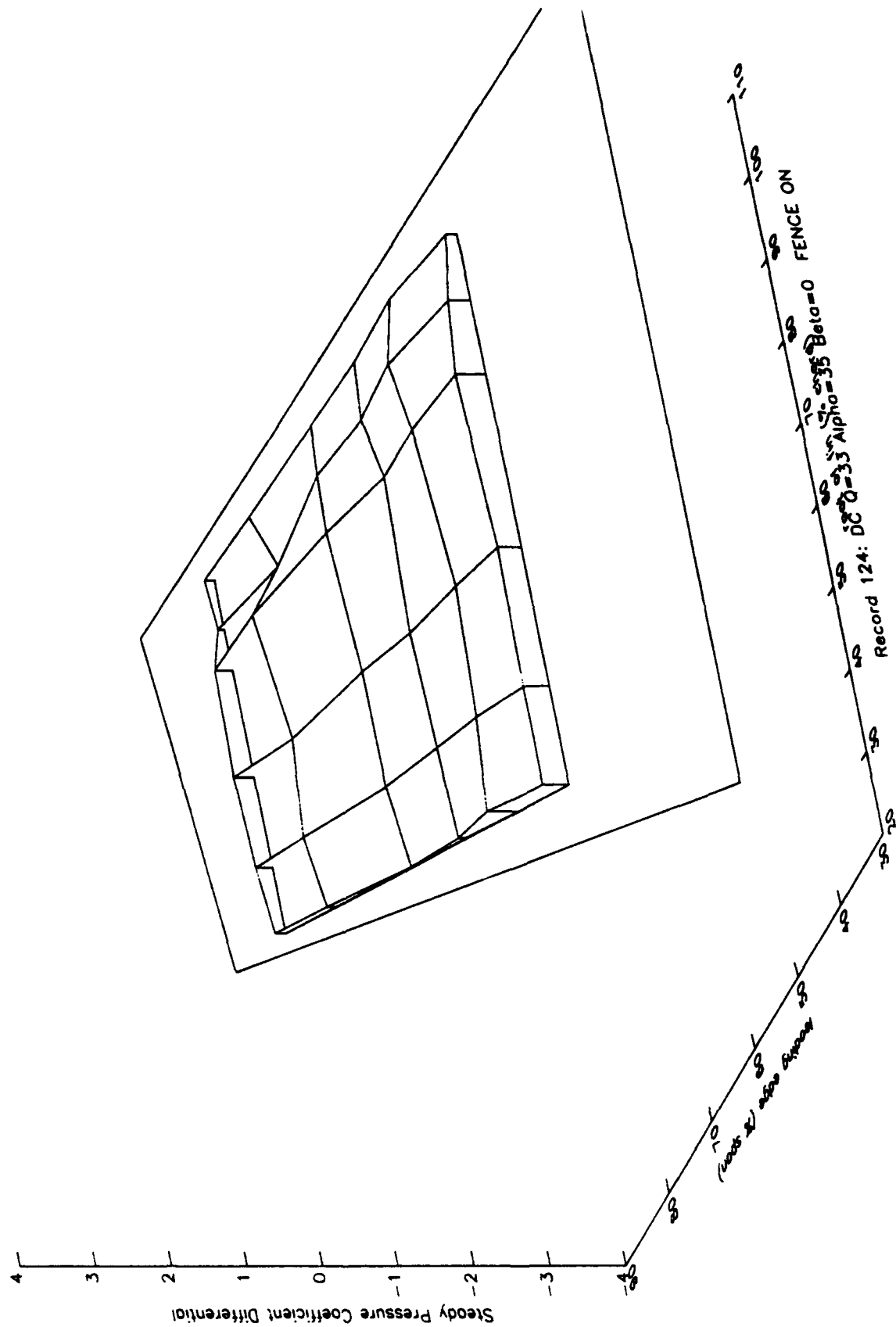
F-18 Tail Buffet Test



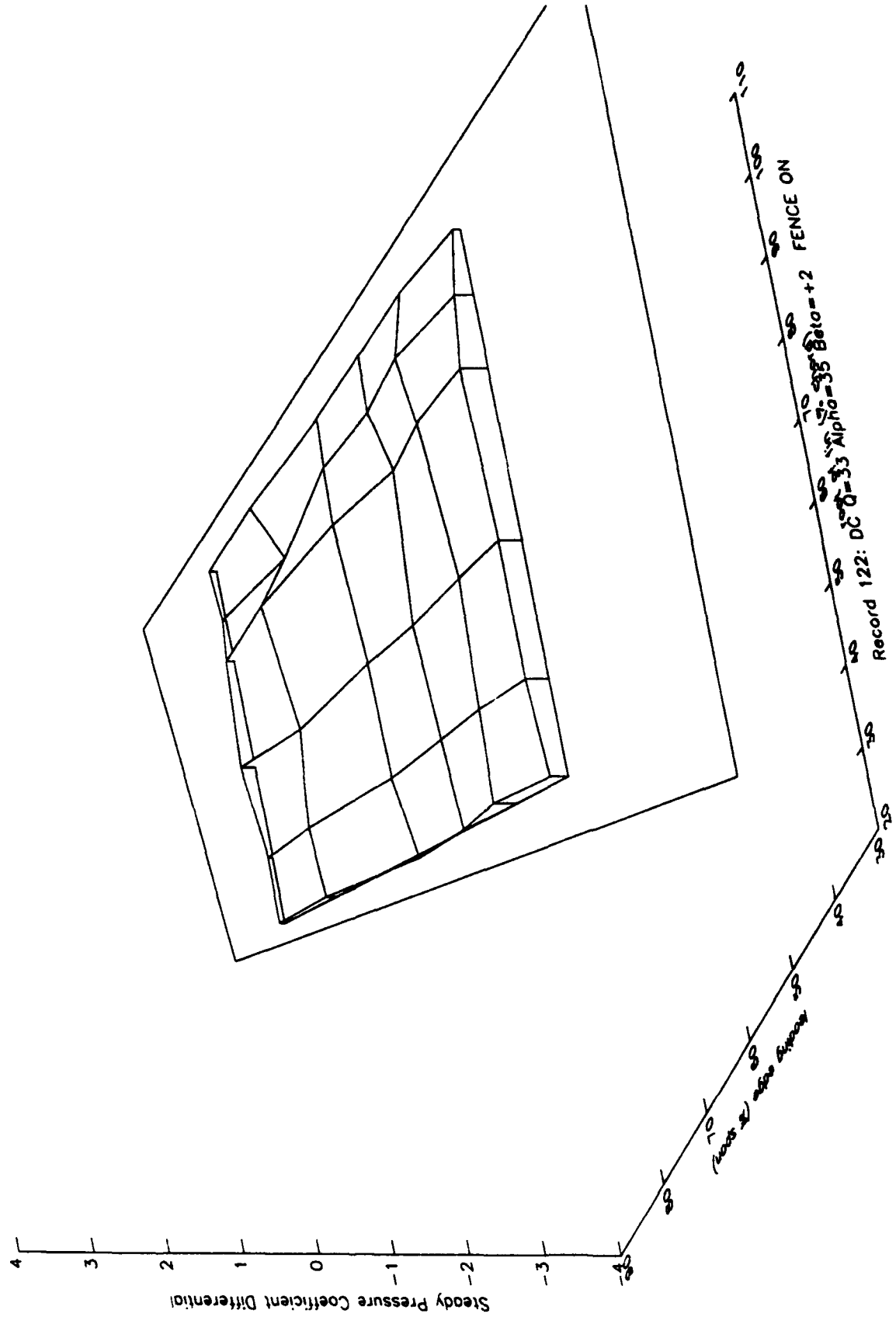
F-18 Tail Buffet Test



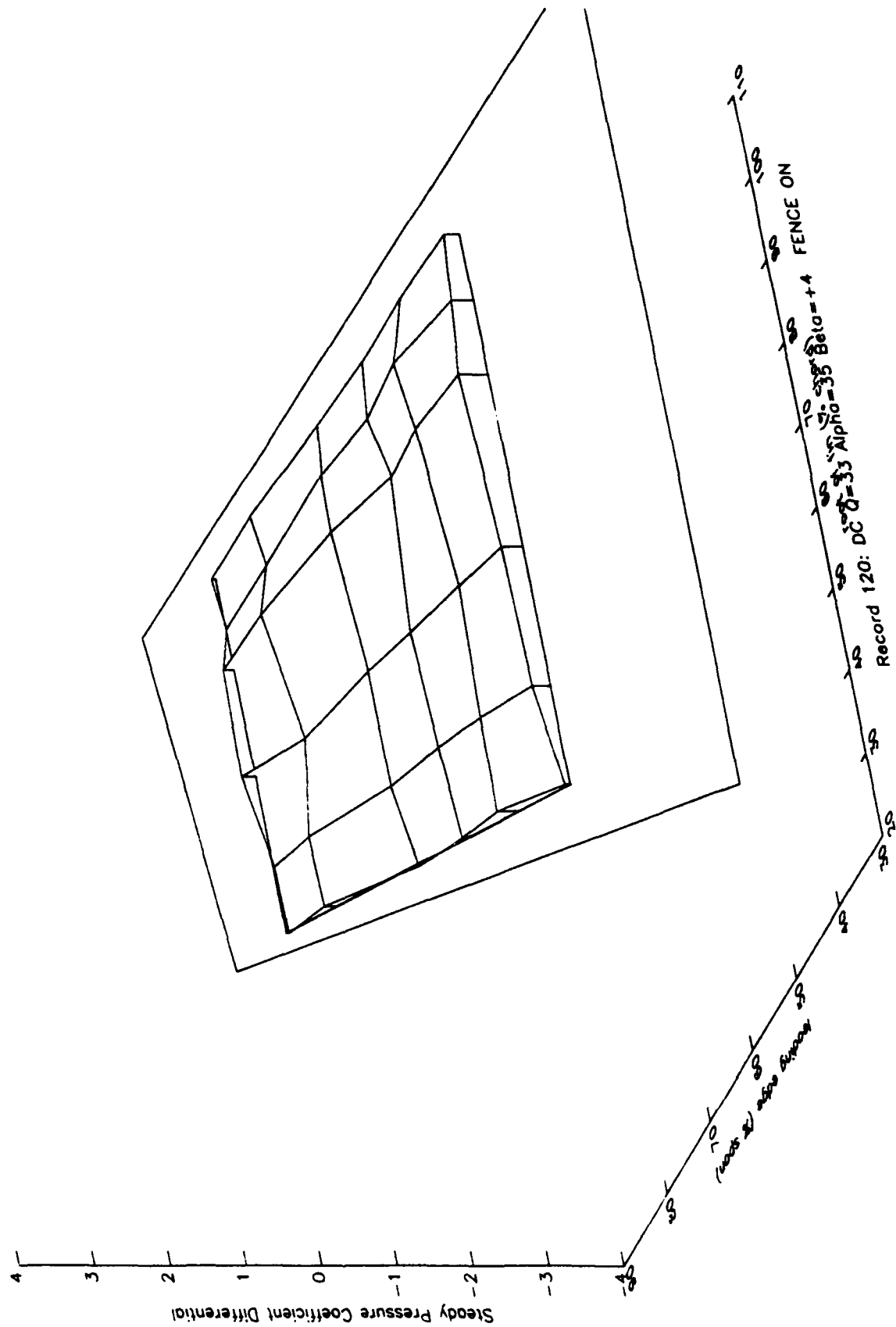
F-18 Tail Buffet Test



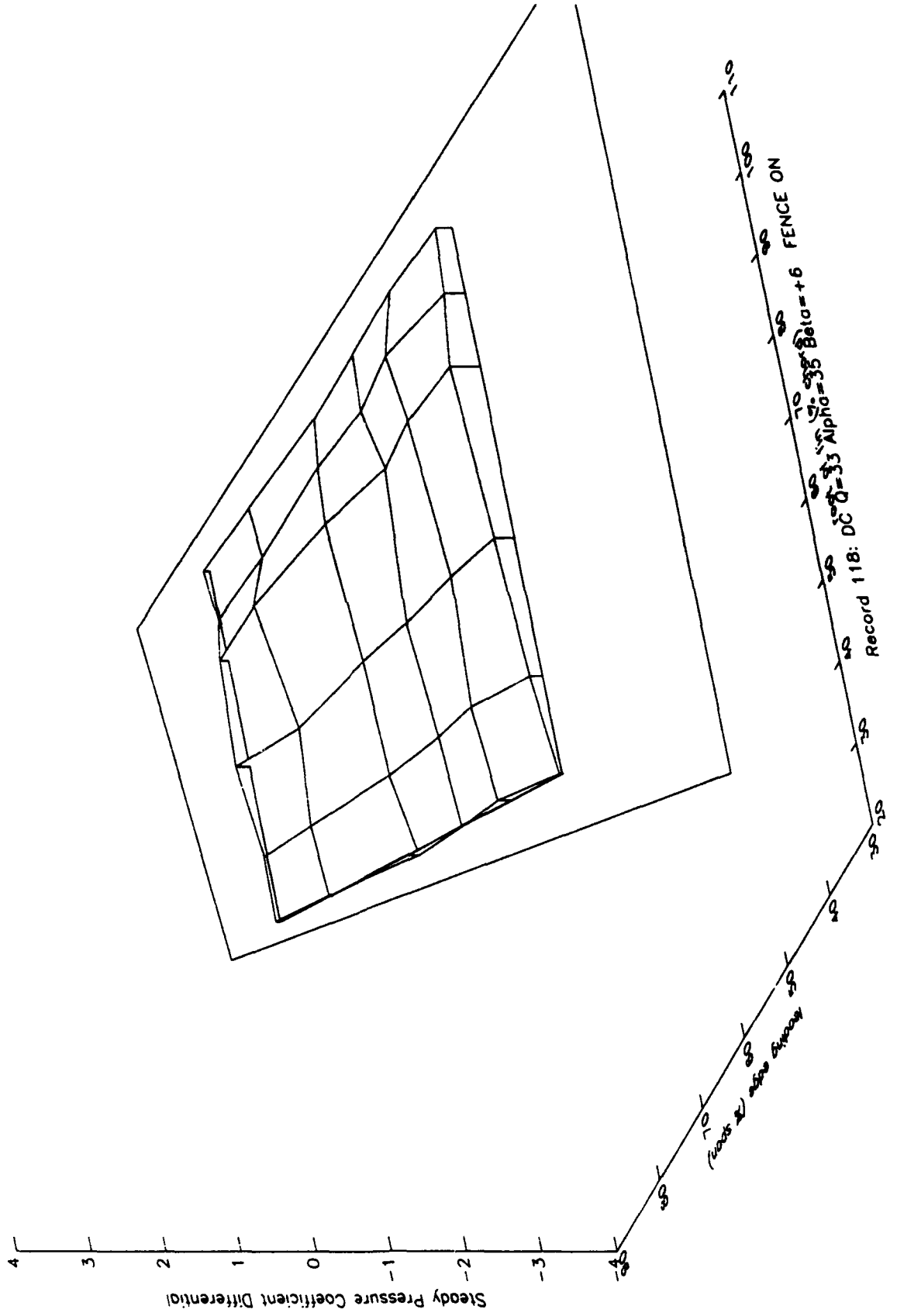
F-18 Tail Buffet Test



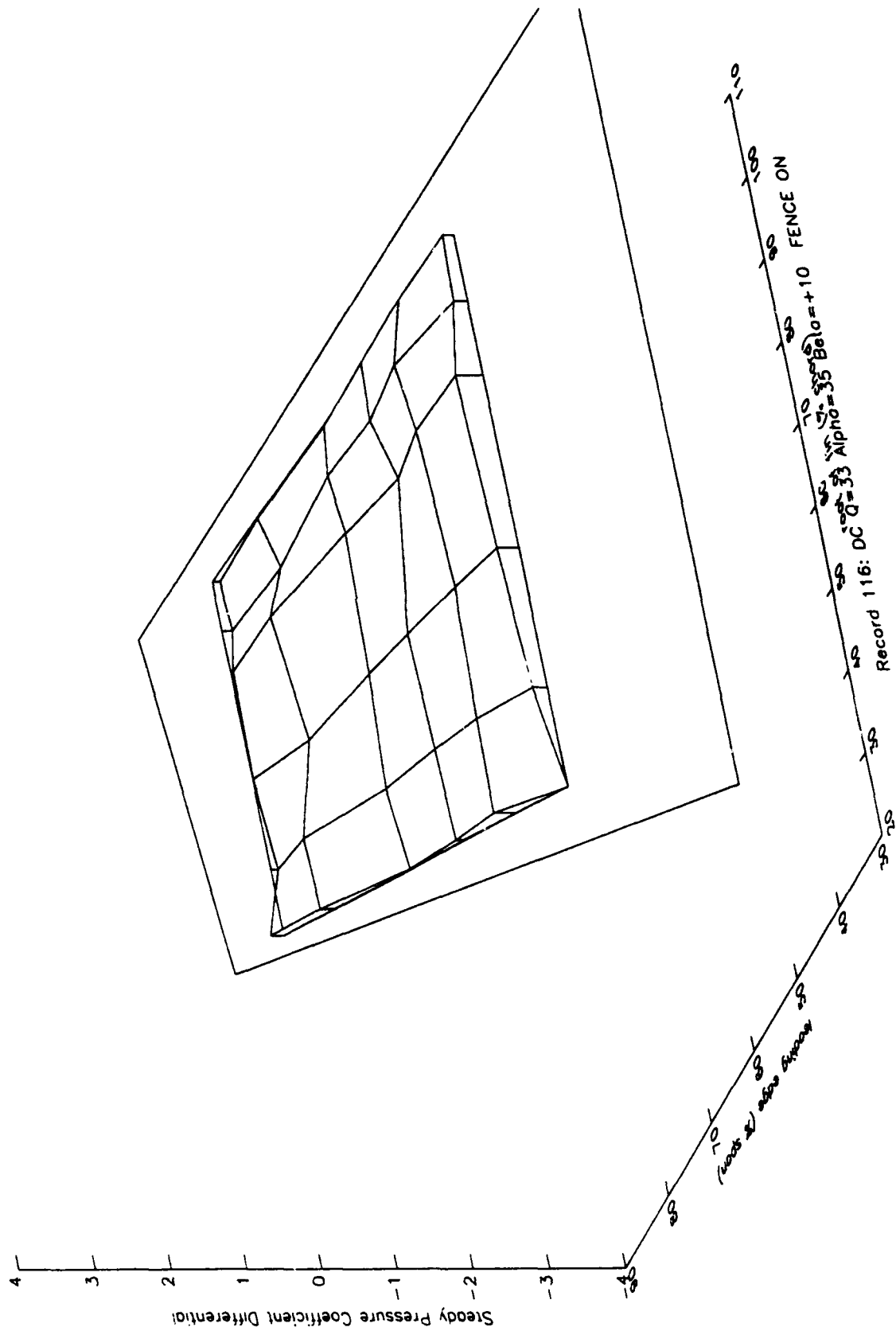
F-18 Tail Buffet Test



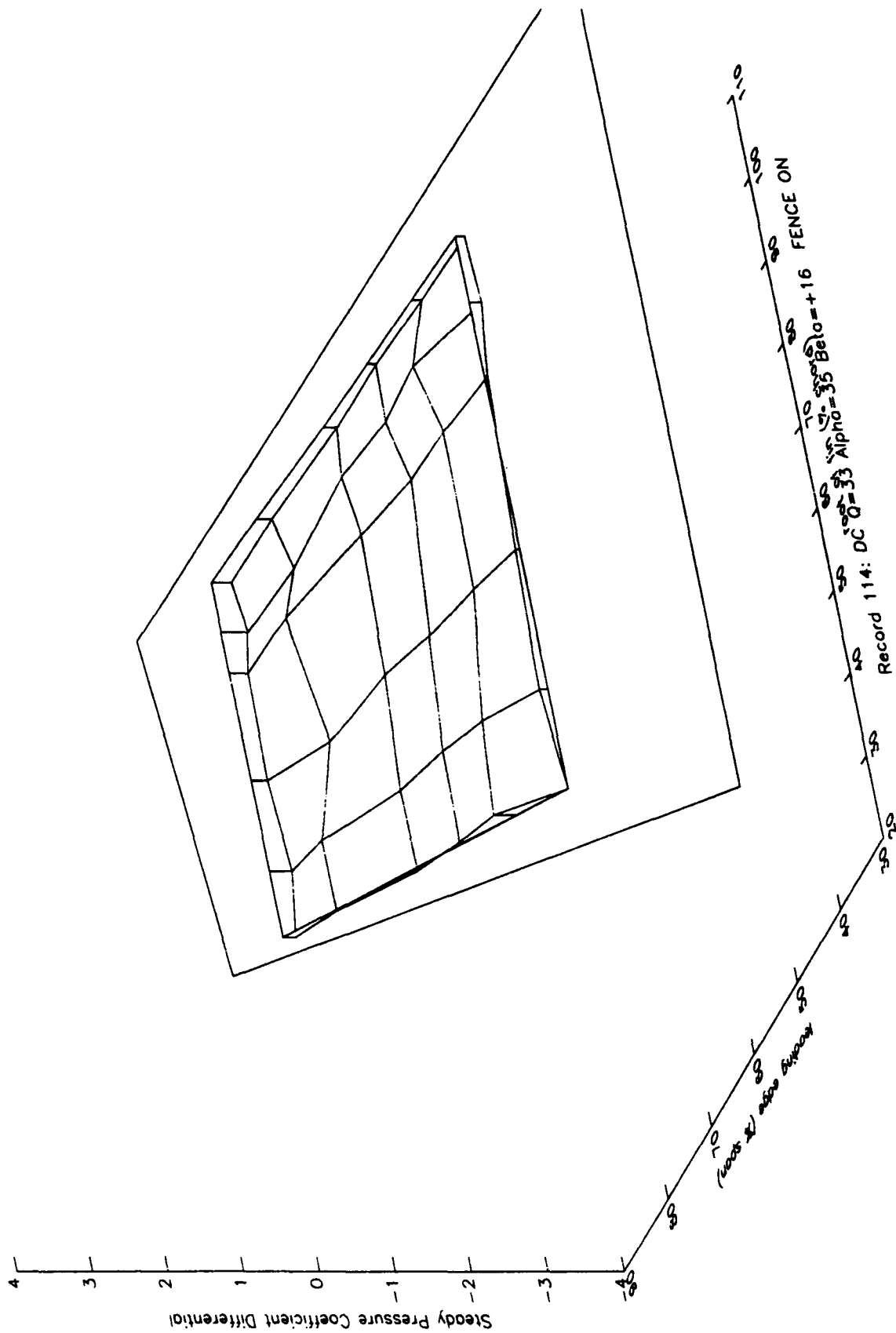
F-18 Tail Buffet Test



F-18 Tail Buffet Test



F-18 Tail Buffet Test



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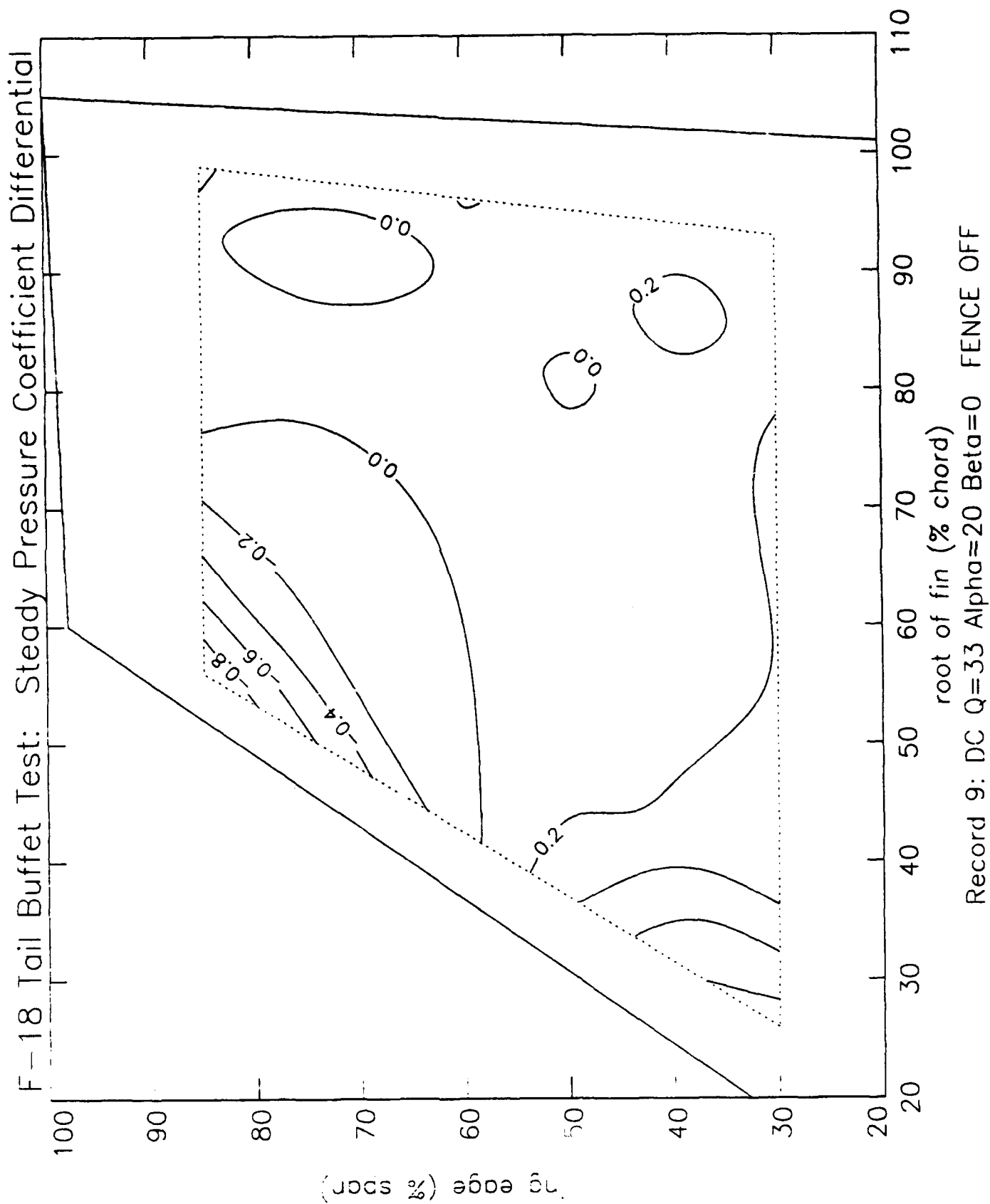
**Steady Pressure Coefficient Differential
Contour Plots**

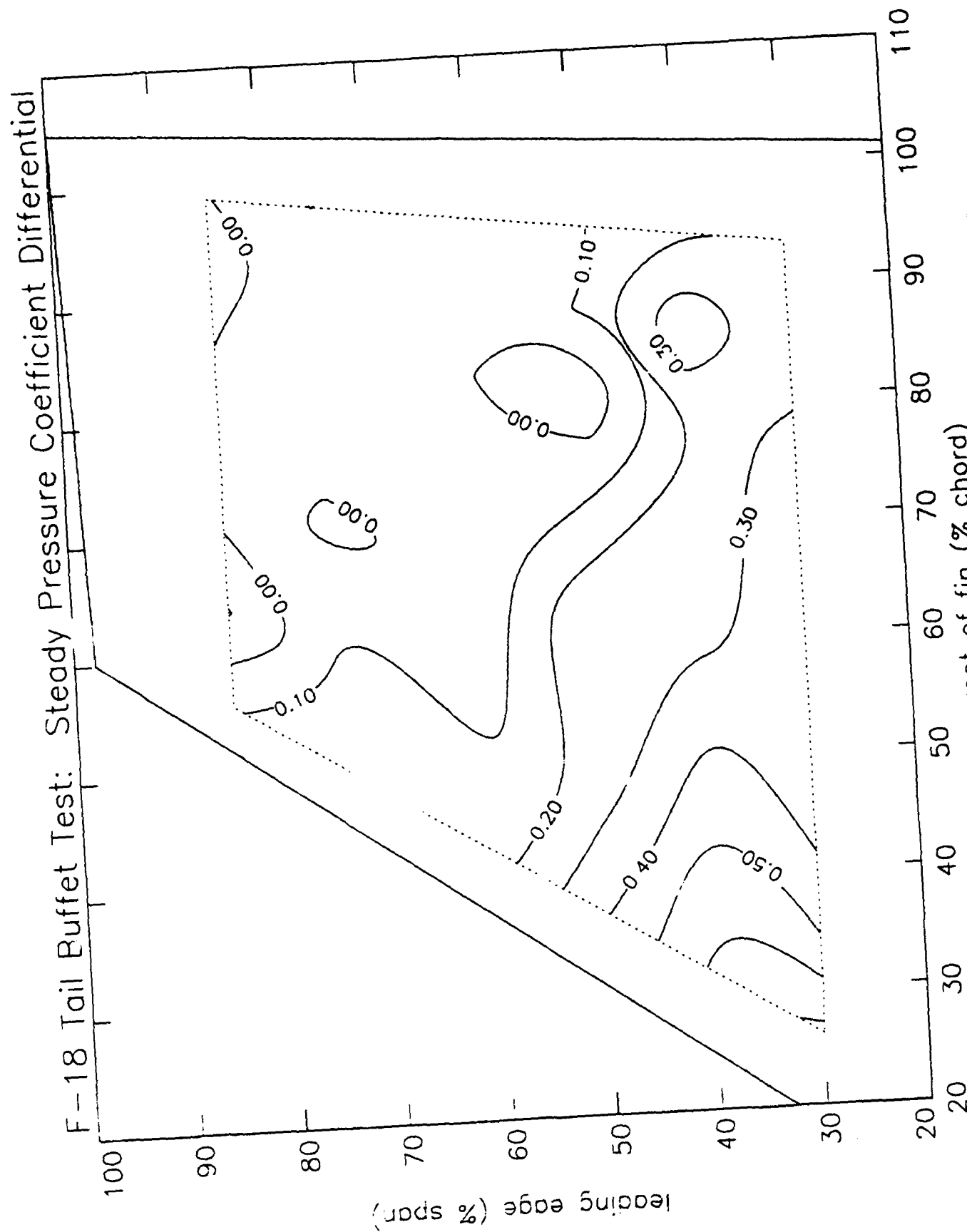
Angle-of-Attack Sweeps at $Q = 20$ and 33 psf

Angle-of-Attack: 20, 24, 26, 28, 30, 32, 36, and 40 *deg* at 33 psf
: 26 and 28 *deg* at 20 psf

Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fin (% chord)."

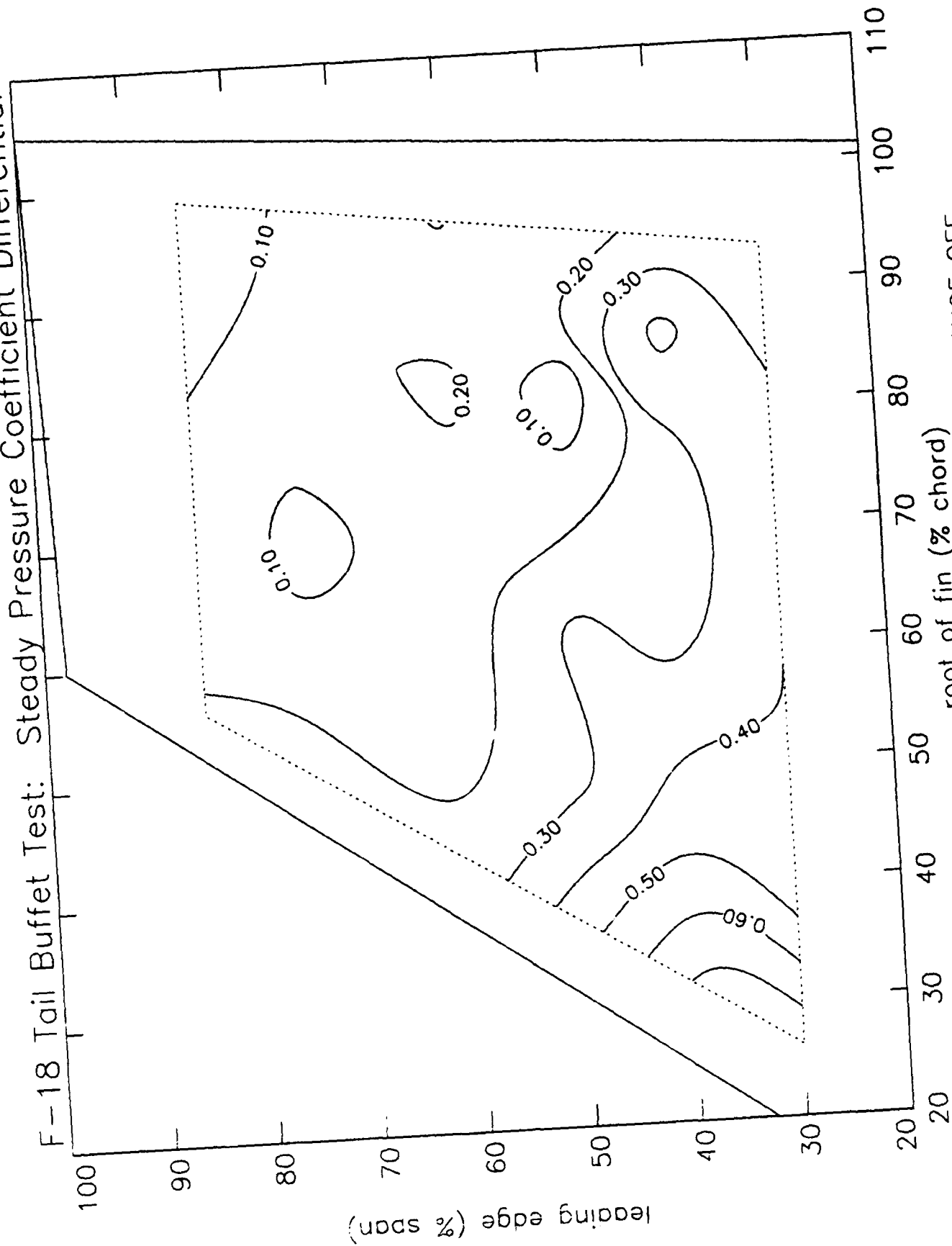
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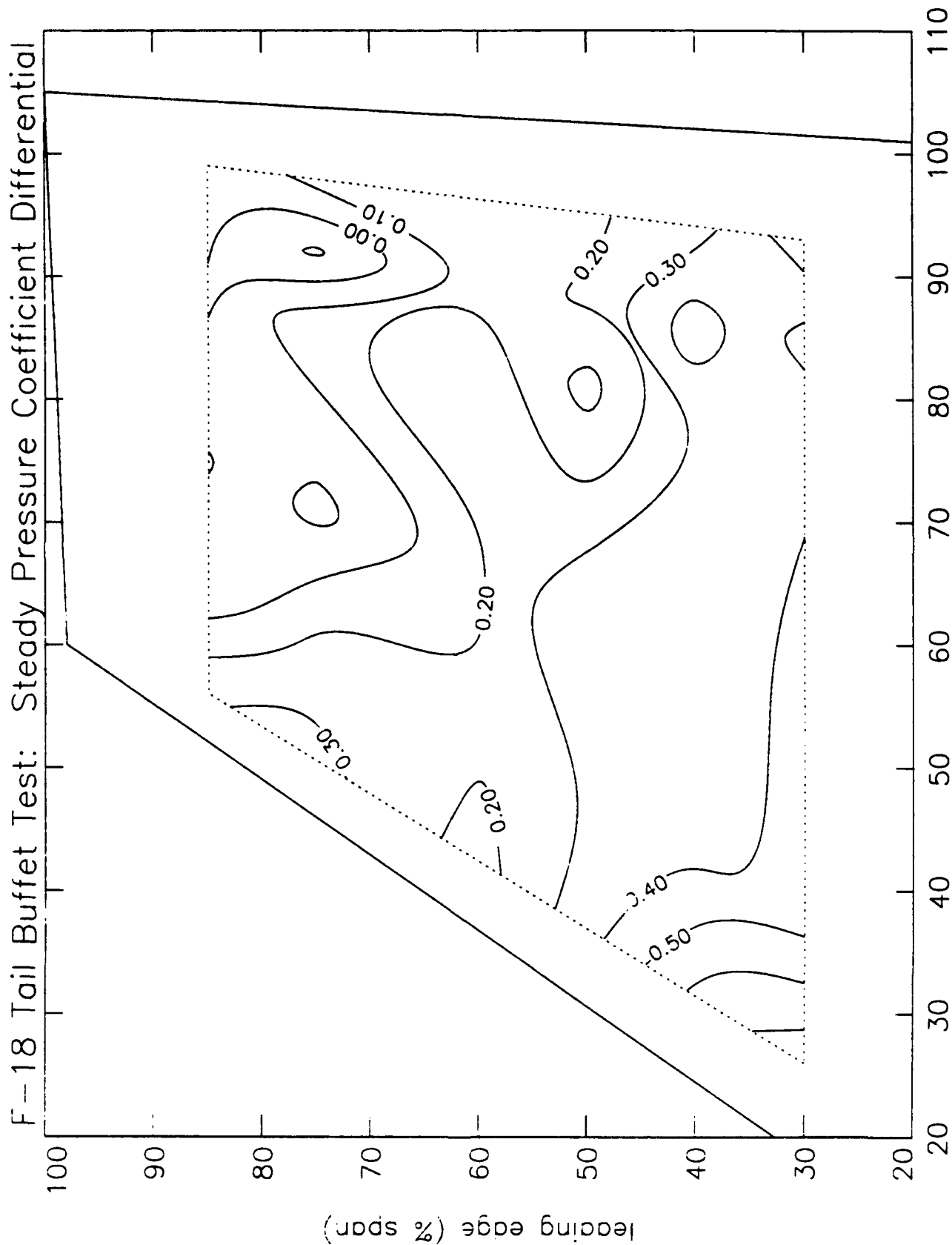


Record 11: DC Q=33 Alpha=24 Beta=0 FENCE OFF

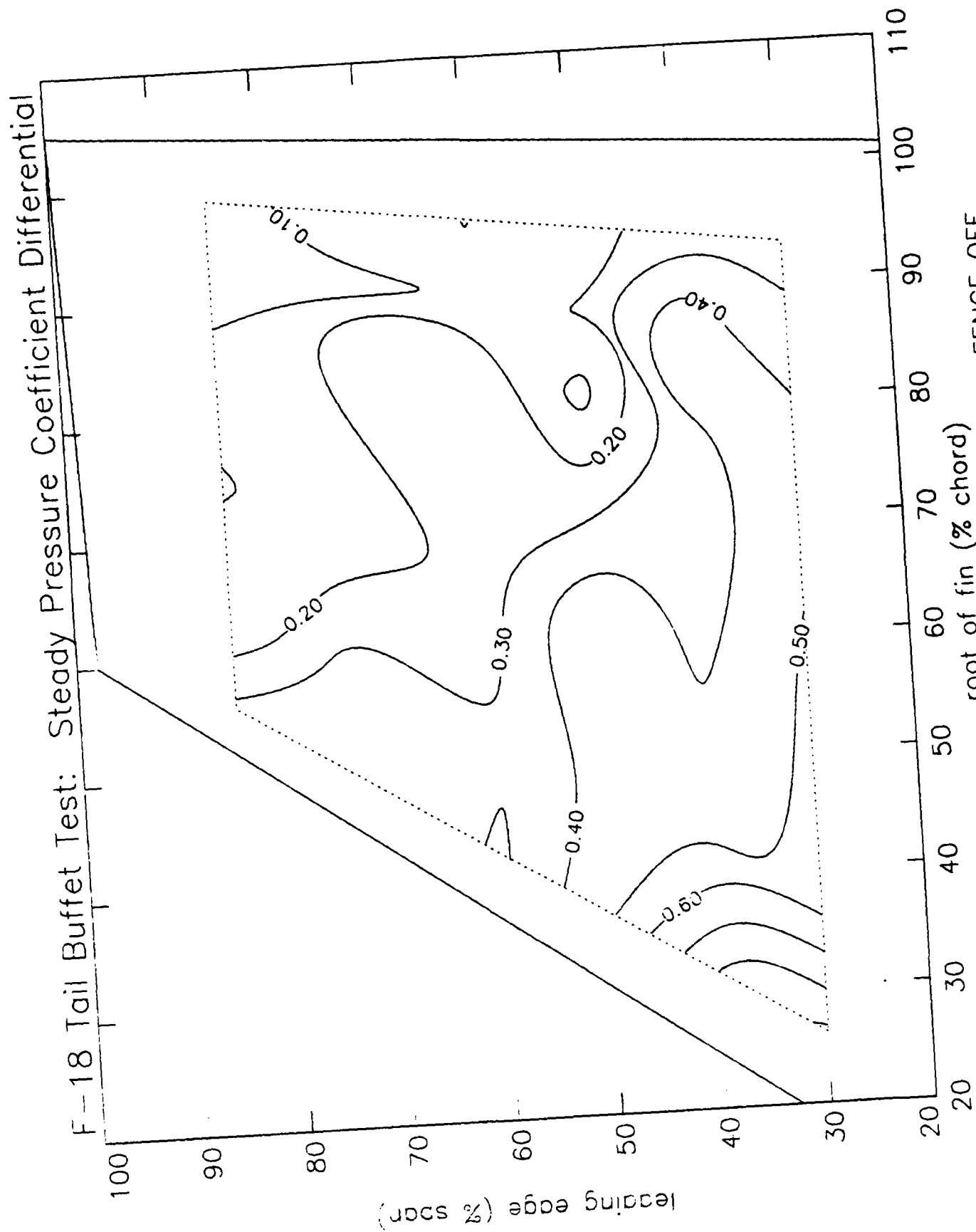
F-18 Tail Buffet Test: Steady Pressure Coefficient Differential



Record 12: DC Q=33 Alpha=26 Beta=0 FENCE OFF

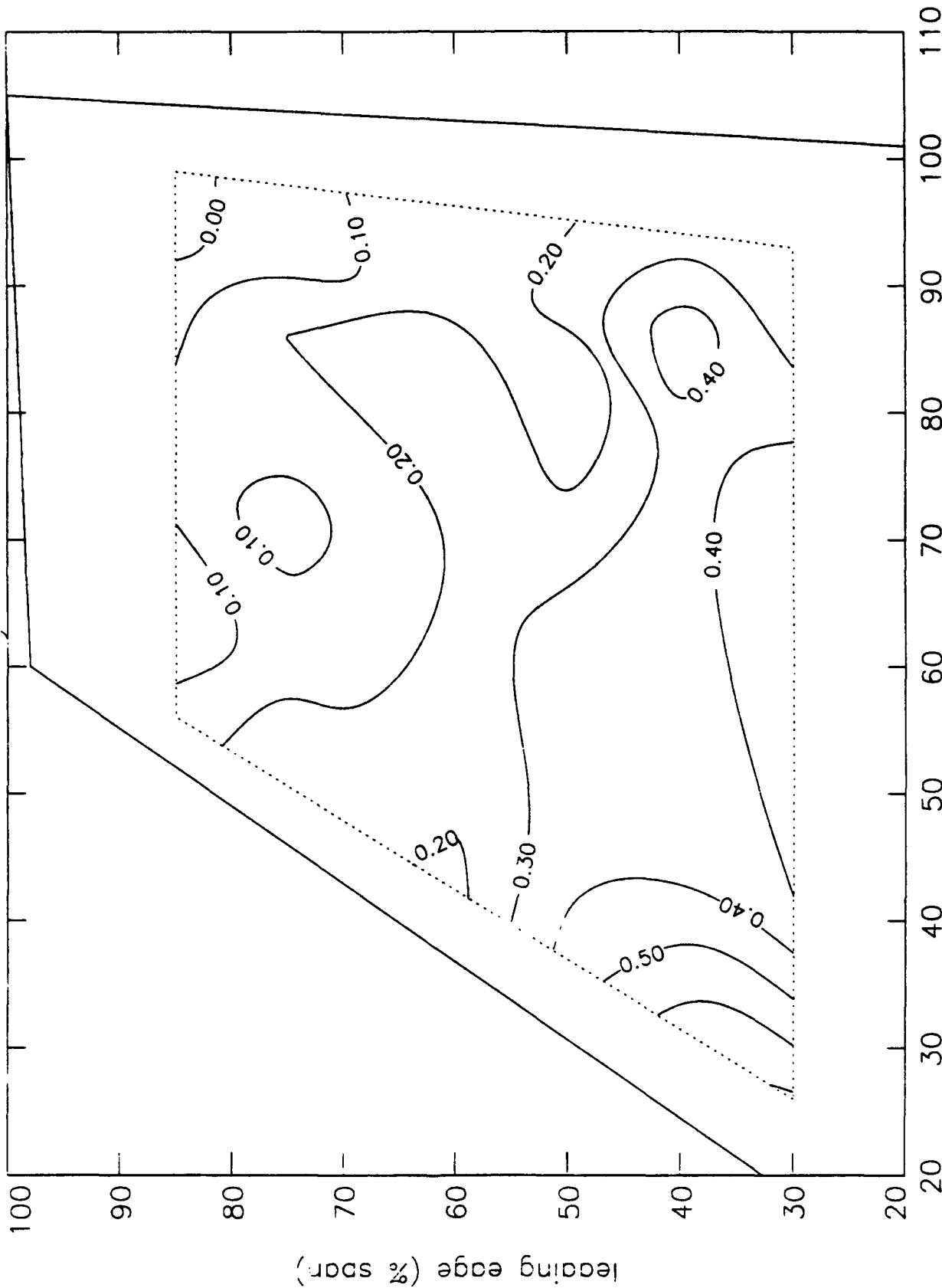


Record 15: DC Q=33 Alpha=28 Beta=0 FENCE OFF

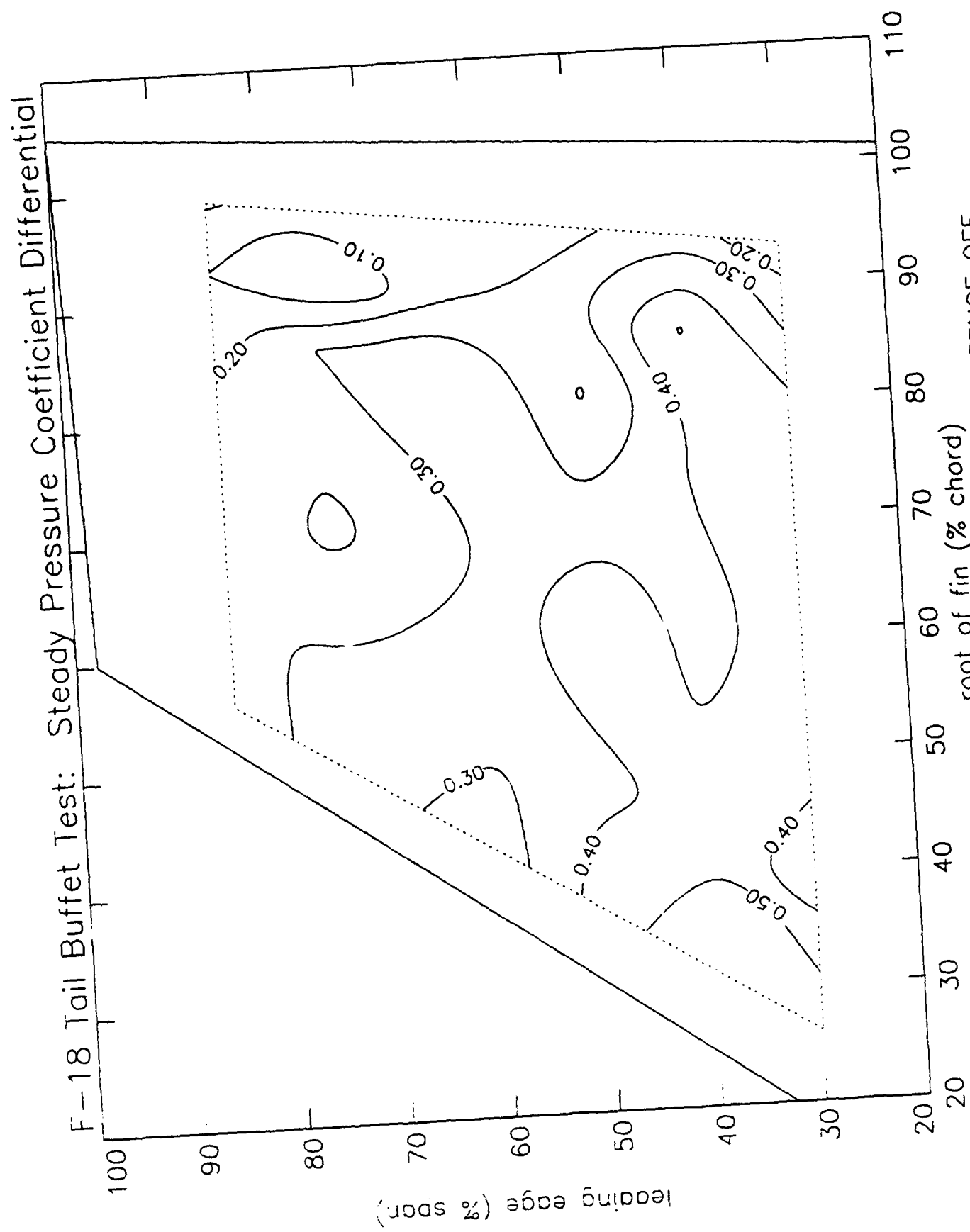


Record 17: DC Q=33 Alpha=30 Beta=0 FENCE OFF

F--18 Tail Buffet Test: Steady Pressure Coefficient Differential

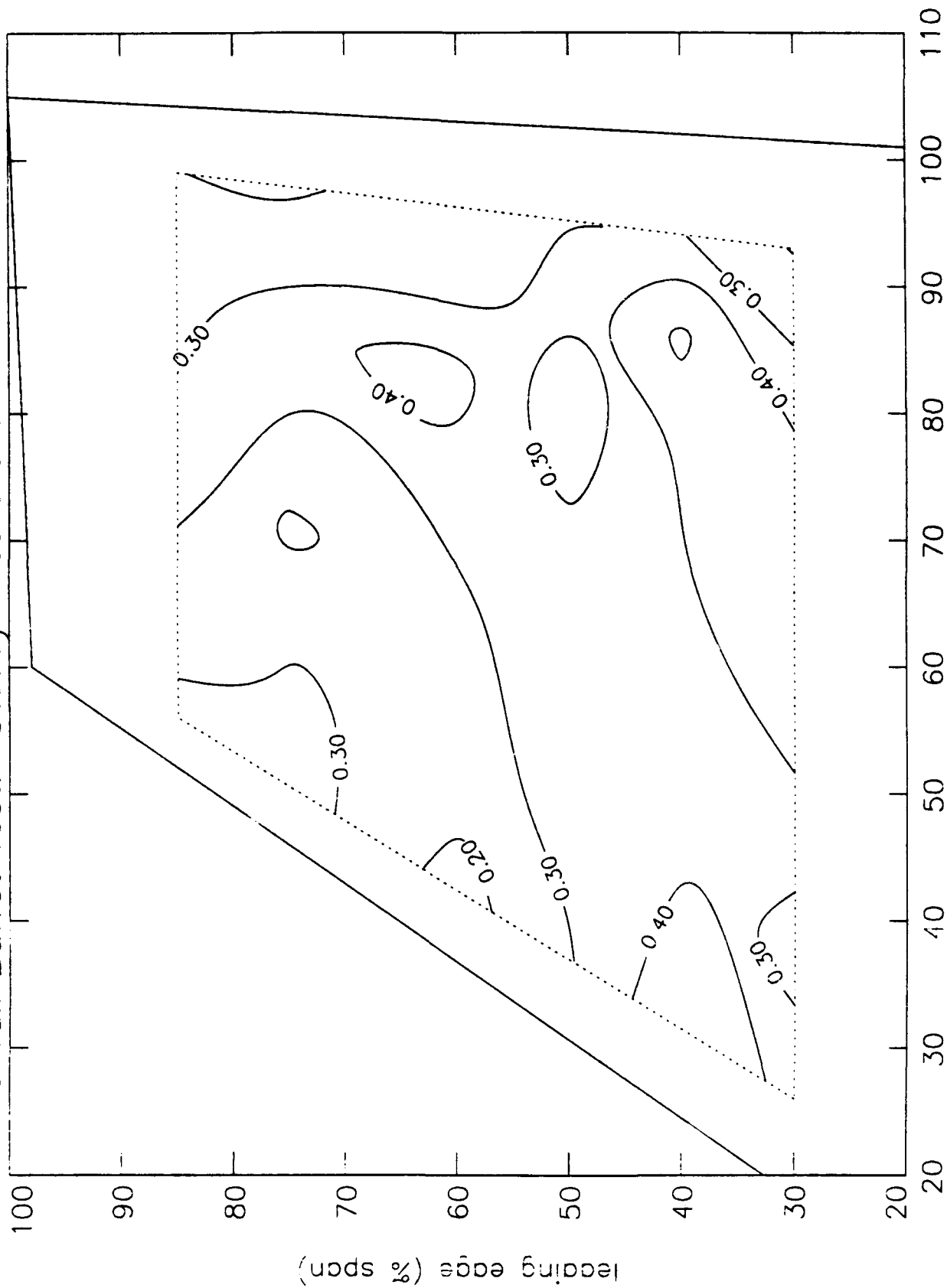


Record 19: DC Q=3.5 Alpha=32 Beta=0 FENCE OFF



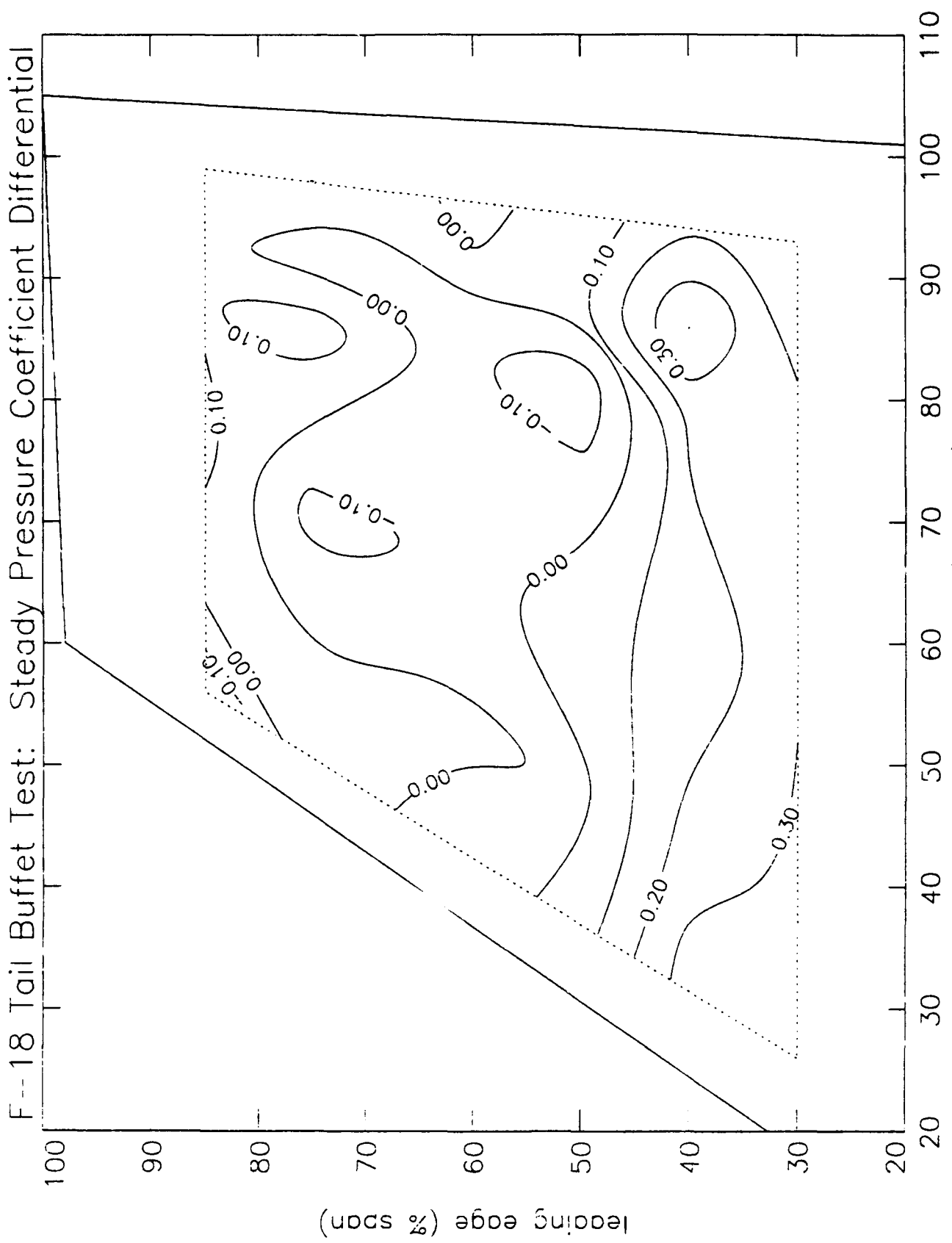
Record 23: DC Q=33 Alpha=36 Beta=0 FENCE OFF

F-18 Tail Buffet Test: Steady Pressure Coefficient Differential



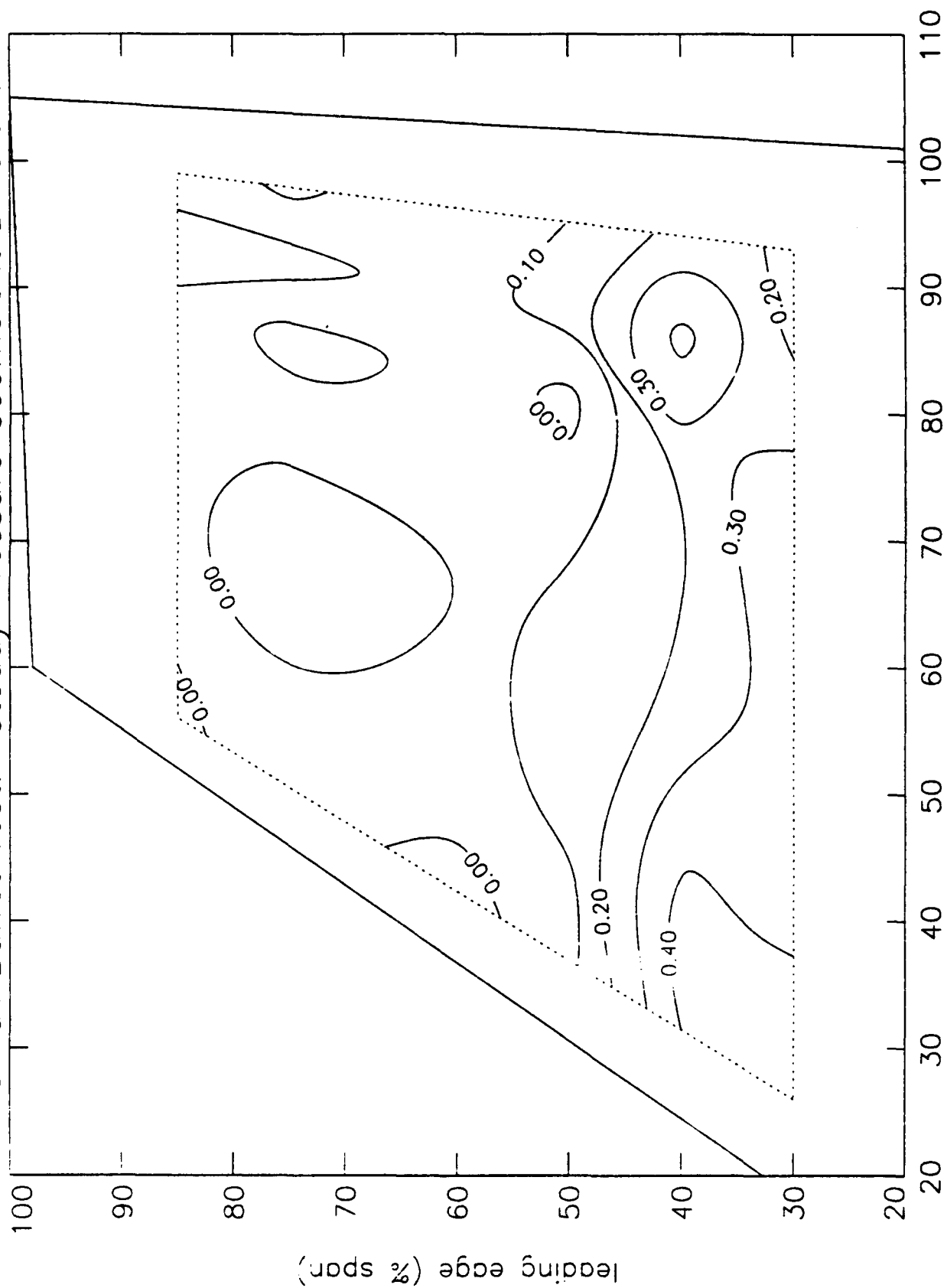
Record 26: DC Q=33 Alpha=40 Beta=0 FENCE OFF



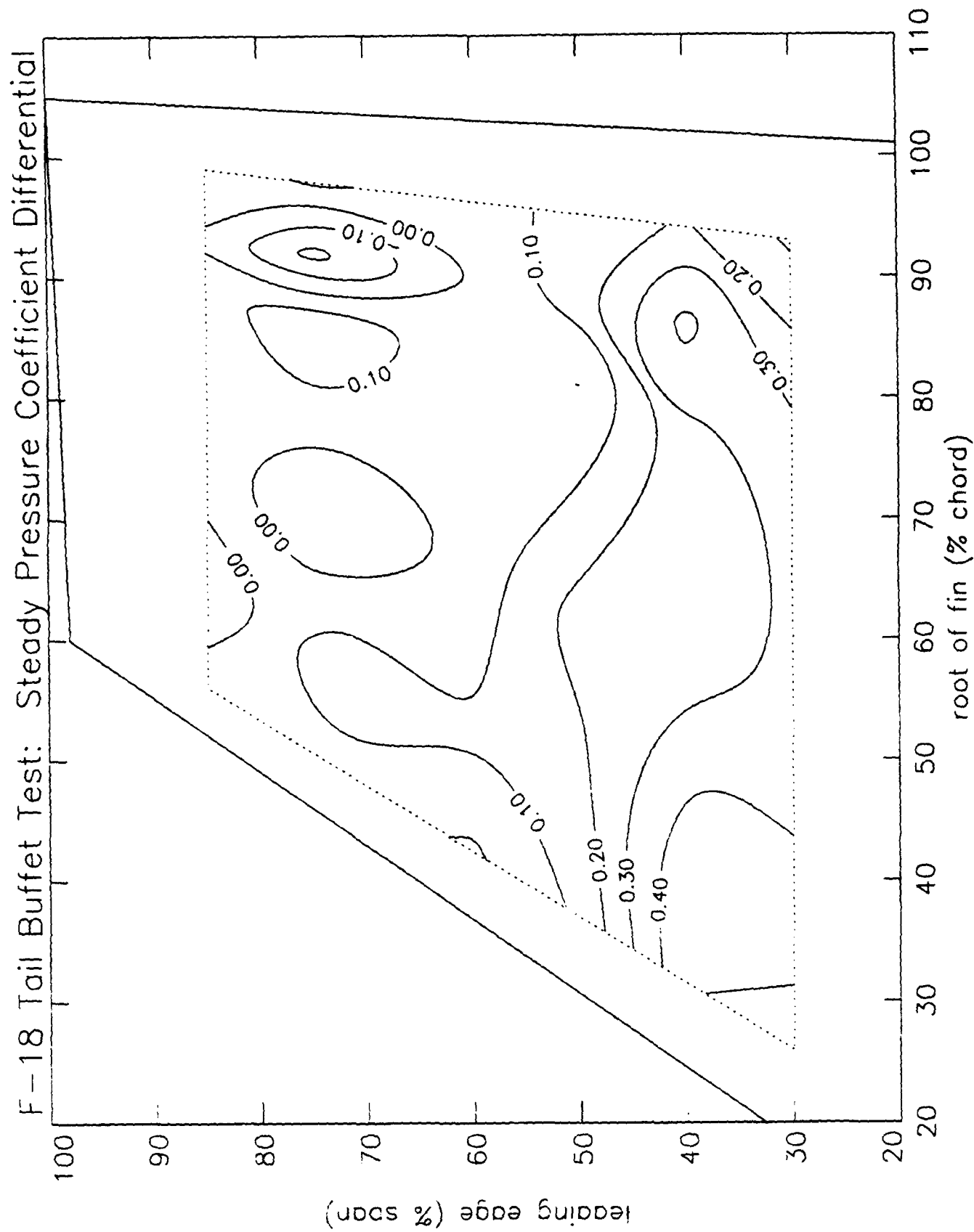


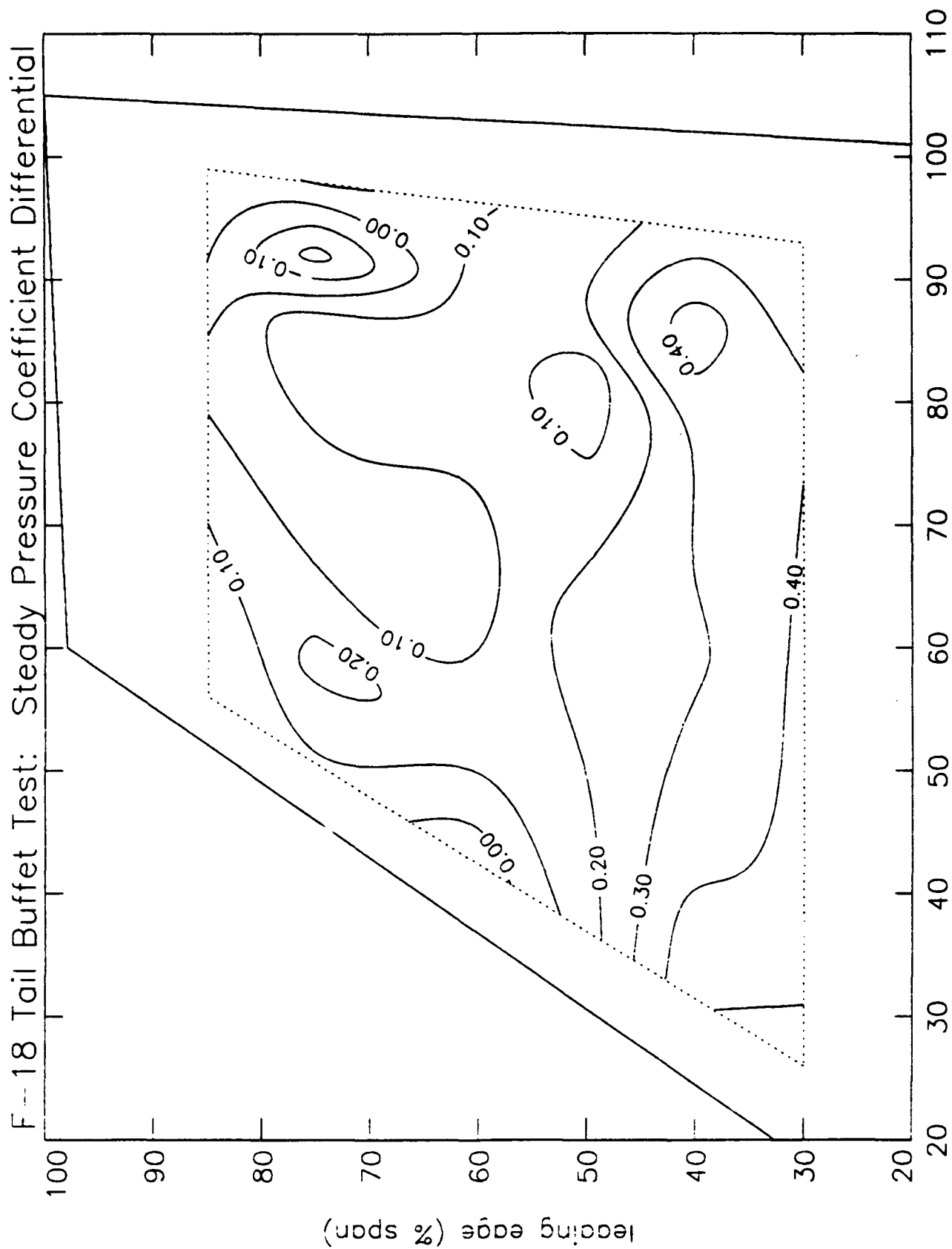
Record 90: DC Q=33 Alpha=24 Beta=0 FENCE ON

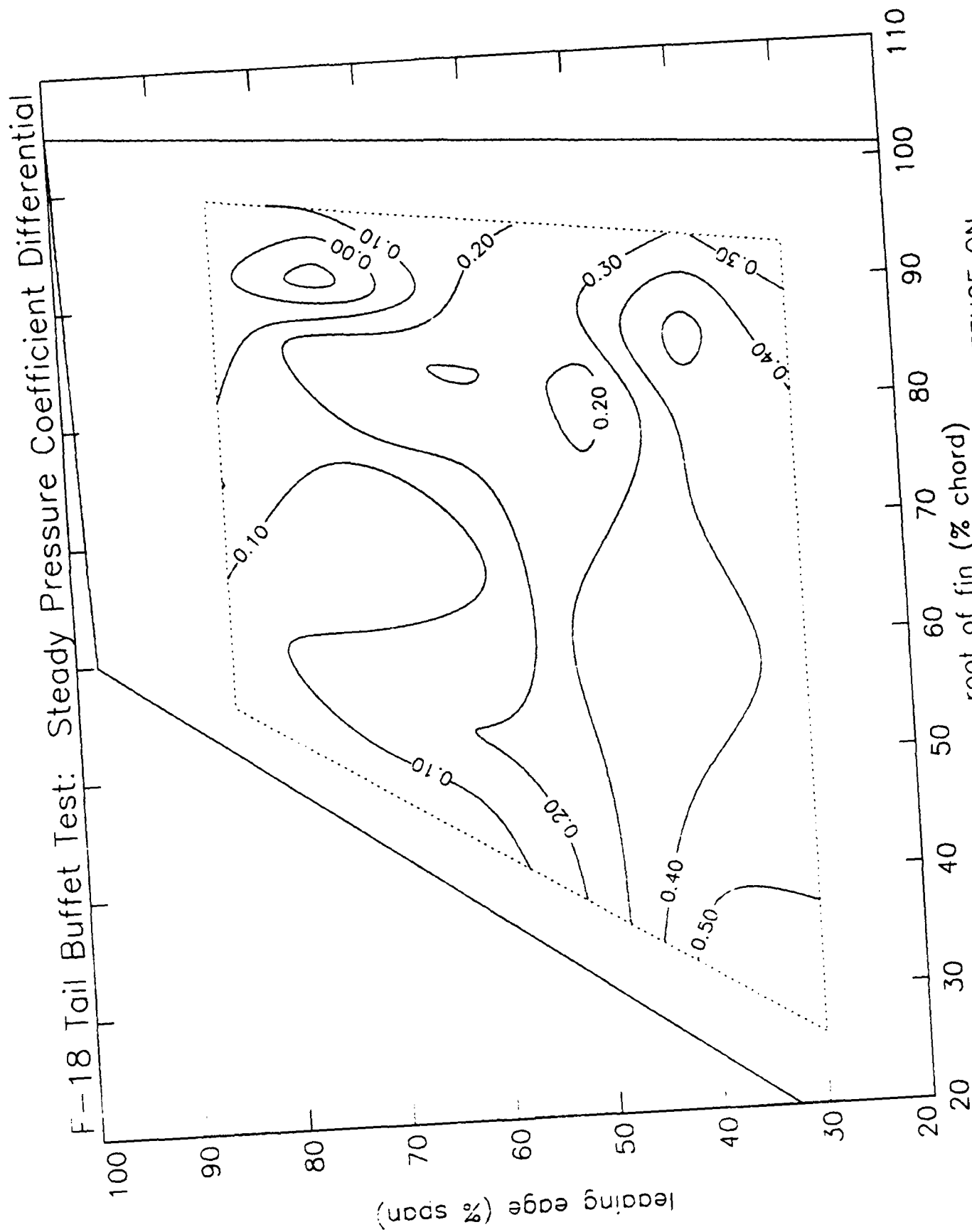
F-18 Tail Buffet Test: Steady Pressure Coefficient Differential



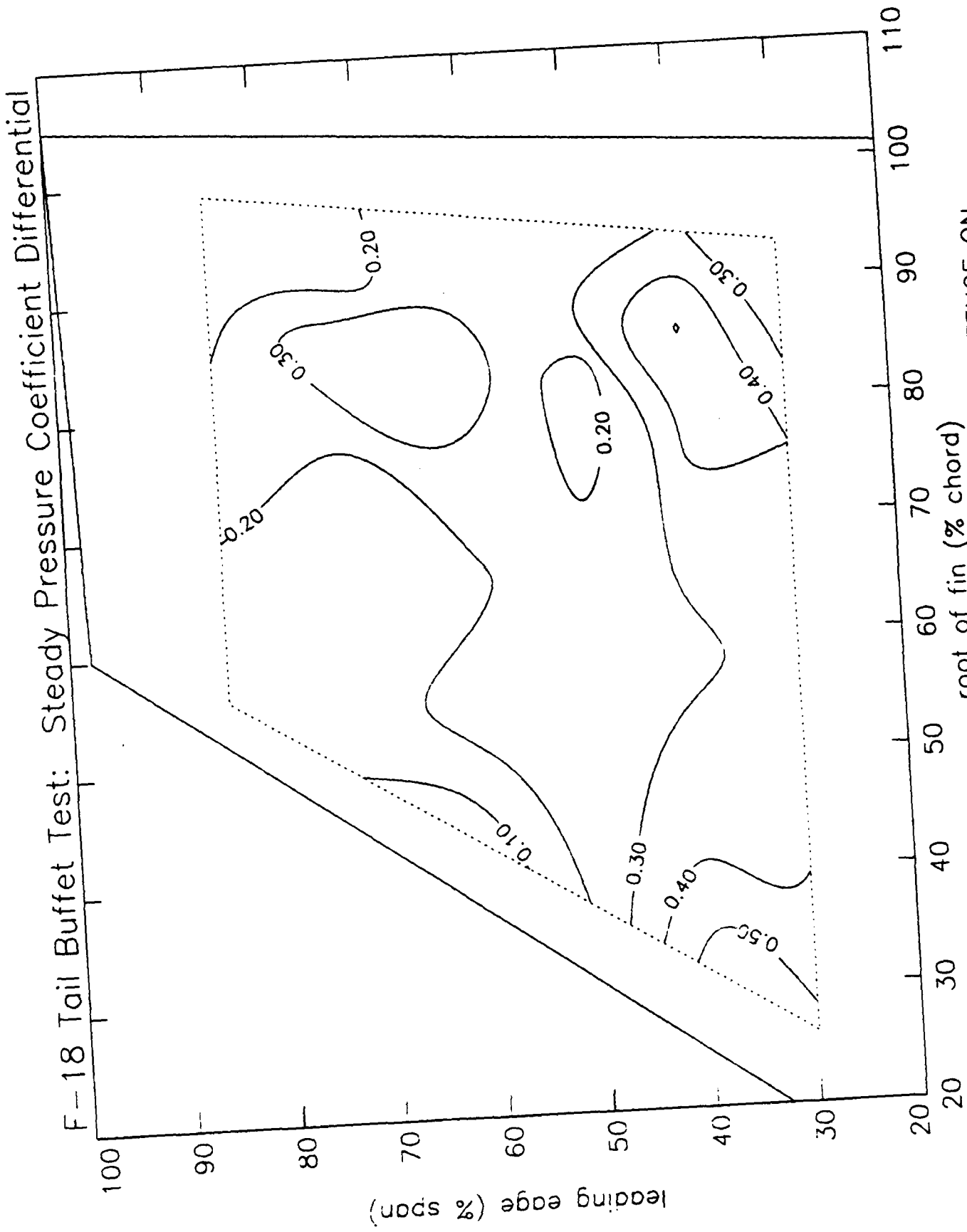
Record 91: DC Q=33 Alpha=26 Beta=0 FENCE ON



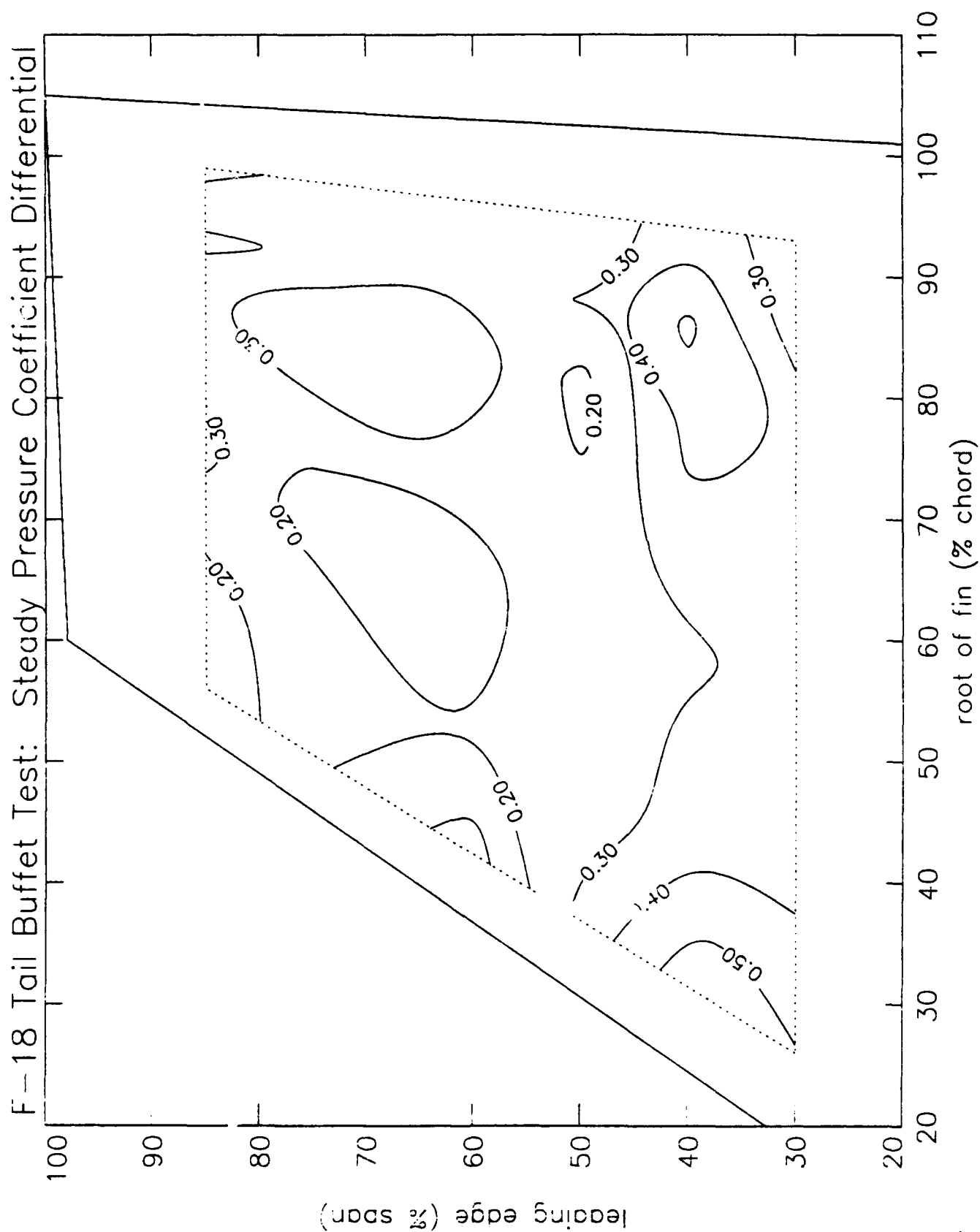




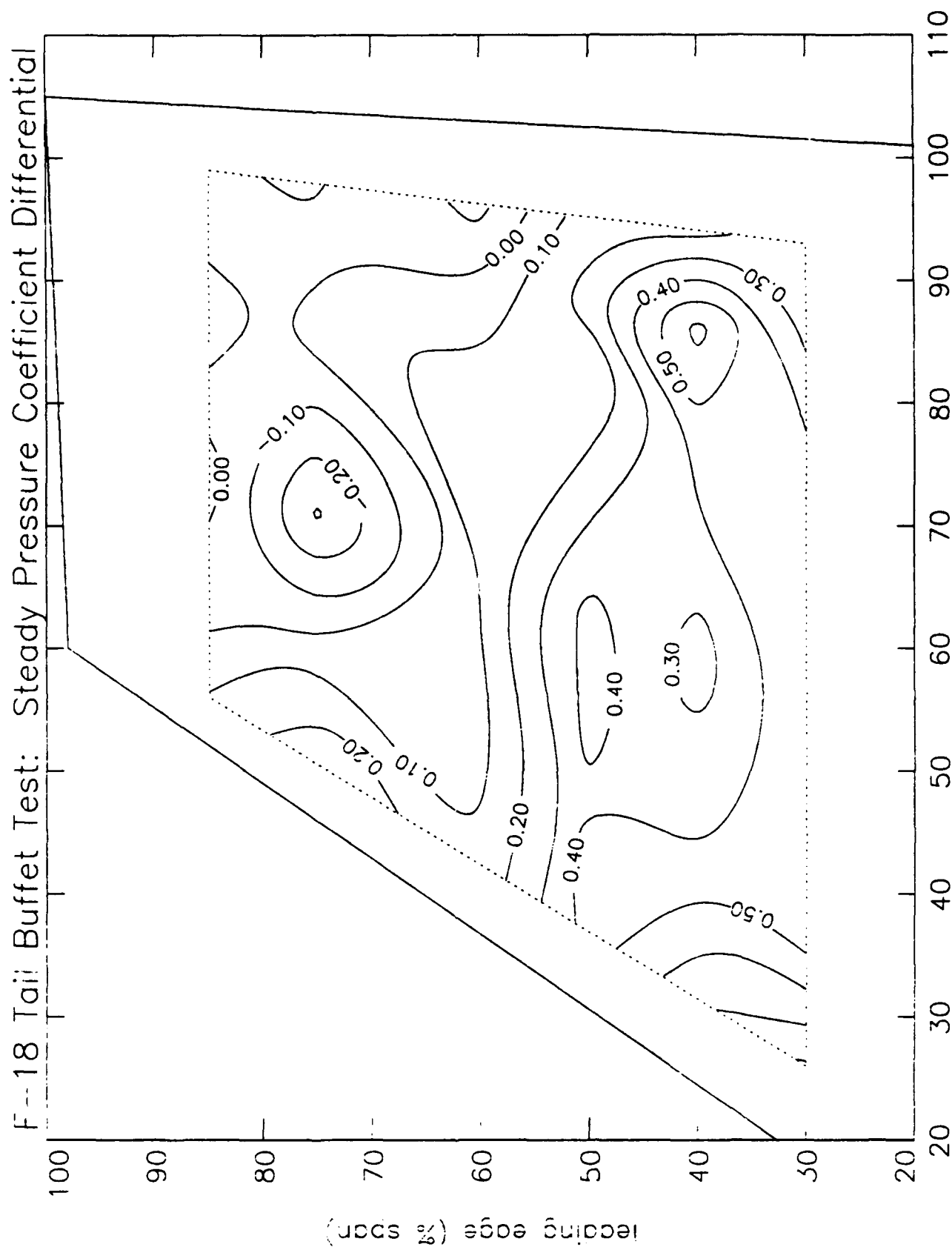
Record 98: DC Q=33 Alpha=32 Beta=0 FENCE ON



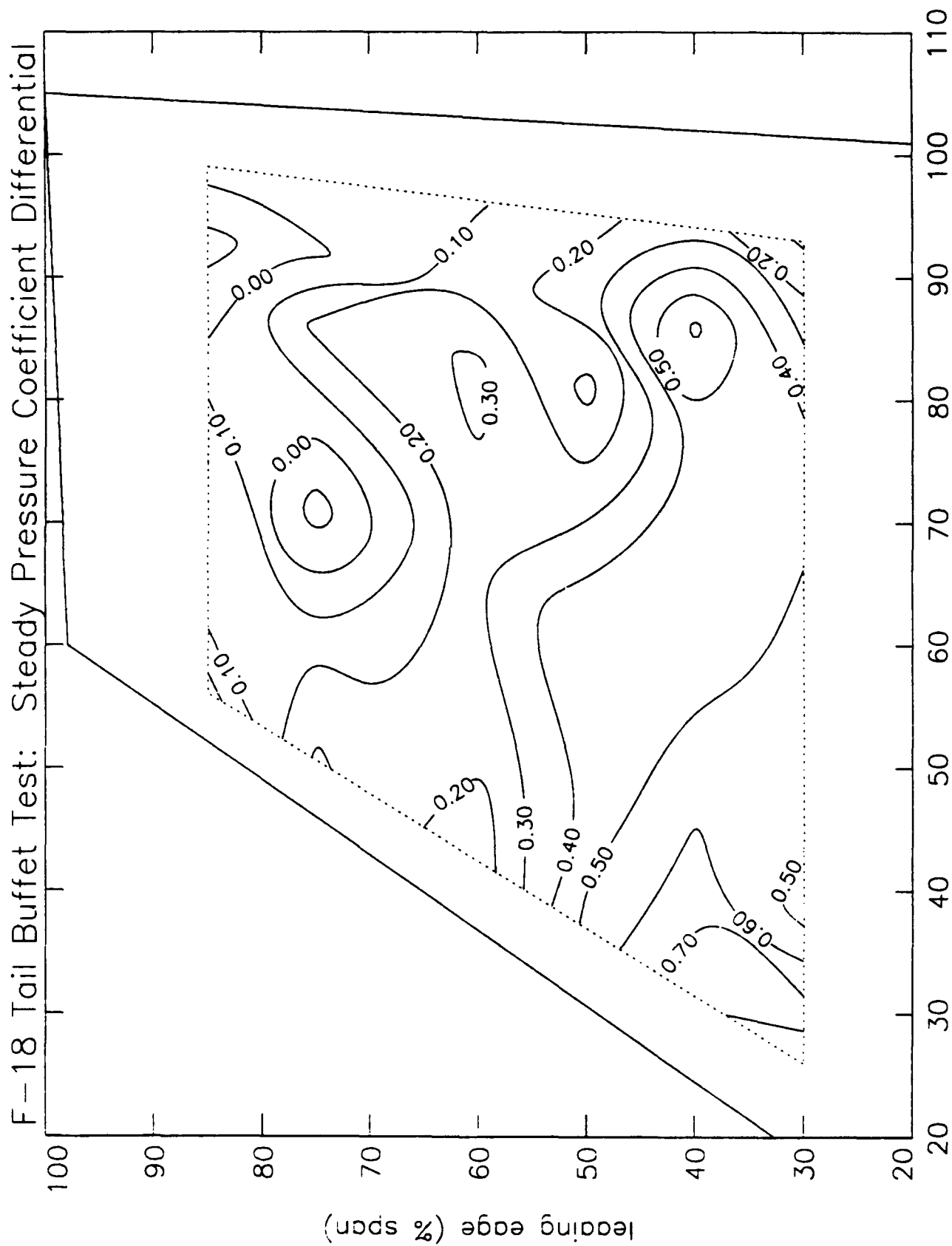
Record 102: DC Q=33 Alpha=36 Beta=0 FENCE ON

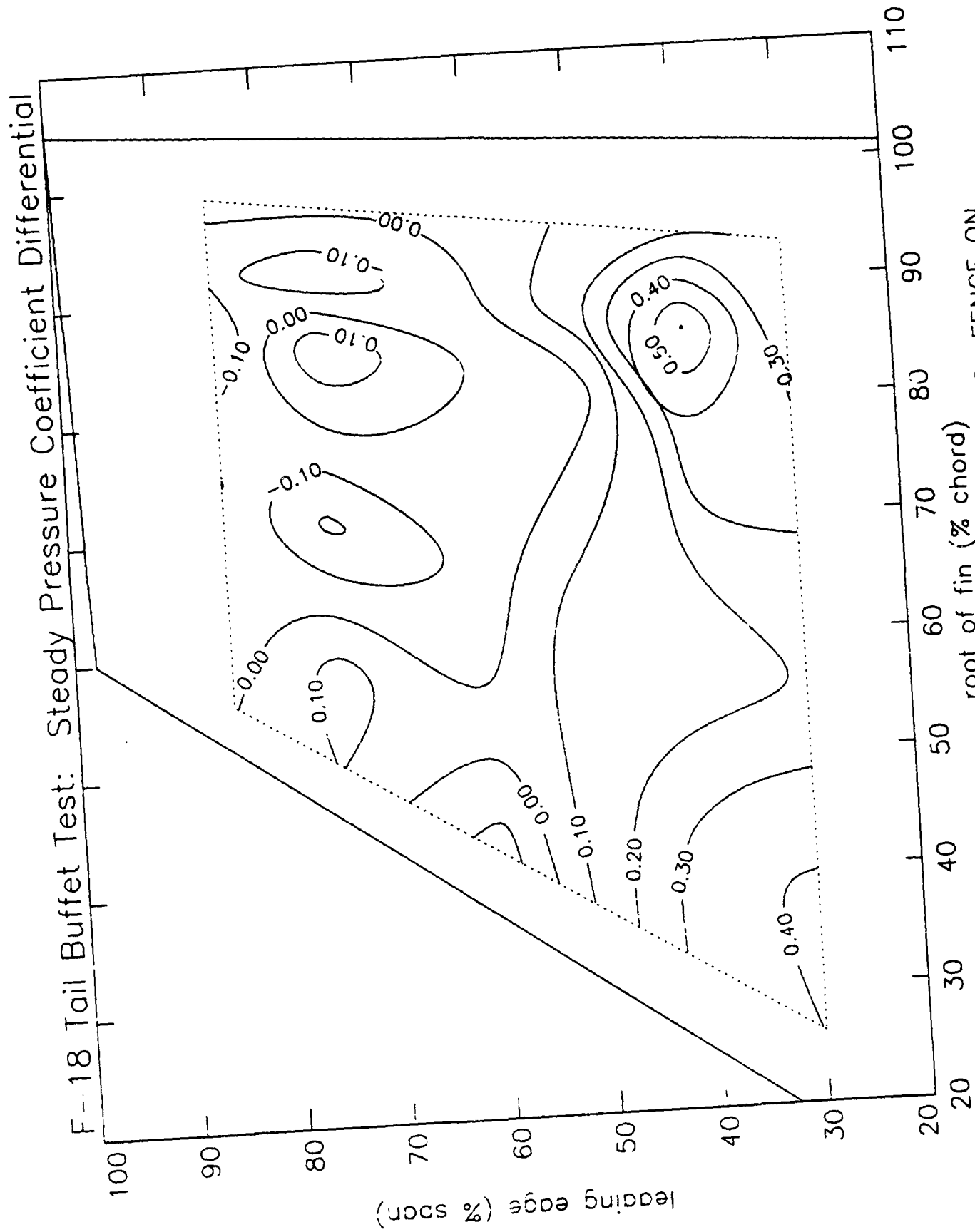


Record 104: DC Q=33 Alpha=40 Beta=0 FENCE ON



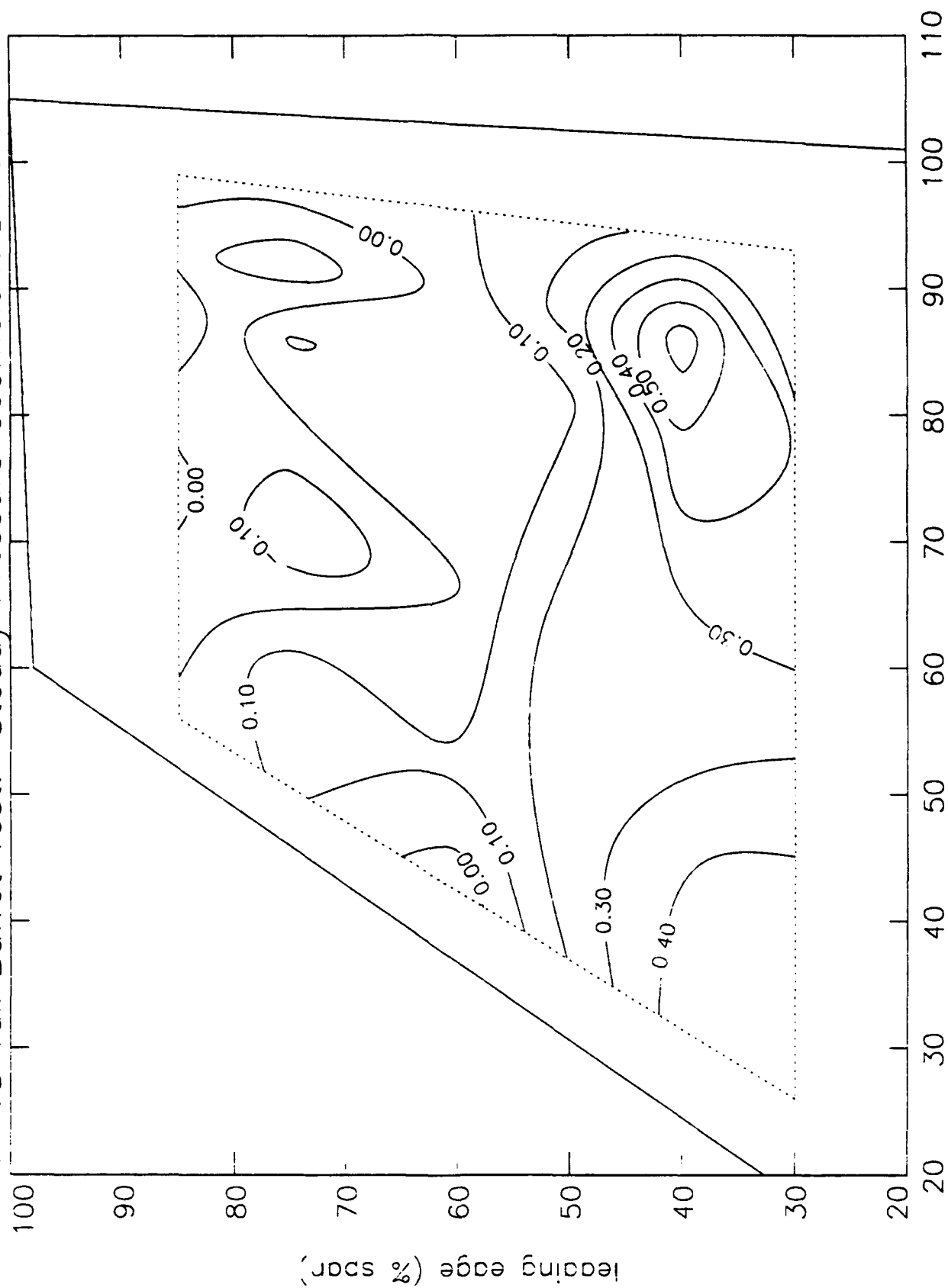
Record 30: DC Q=20 Alpha=26 Beta=0 FENCE OFF





Record 106: DC Q=20 Alpha=26 Beta=0 FENCE ON

F-18 Tail Buffet Test: Steady Pressure Coefficient Differential



Record 108: DC Q=20 Alpha=28 Beta=0 FENCE ON

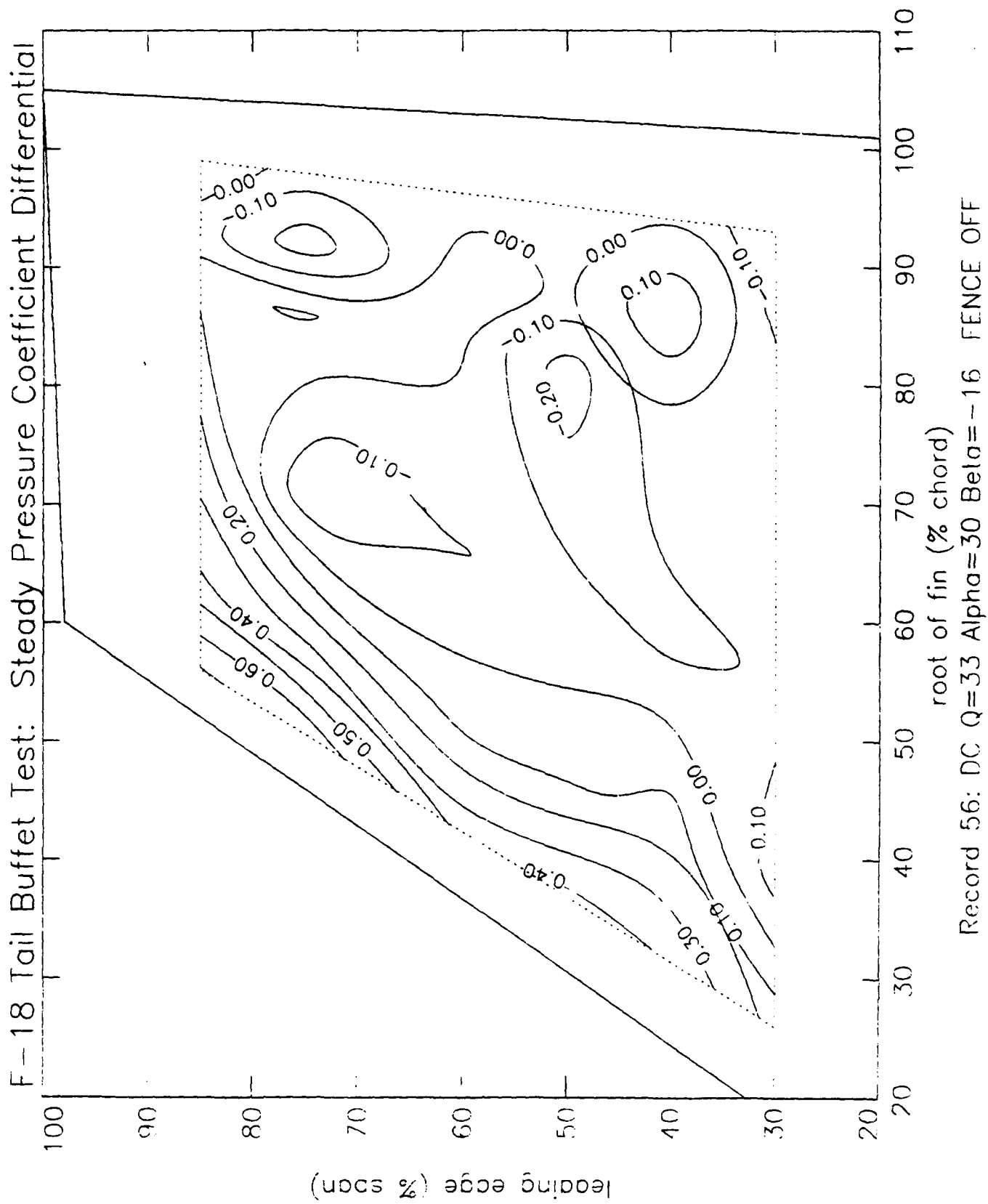
**Steady Pressure Coefficient Differential
Contour Plots**

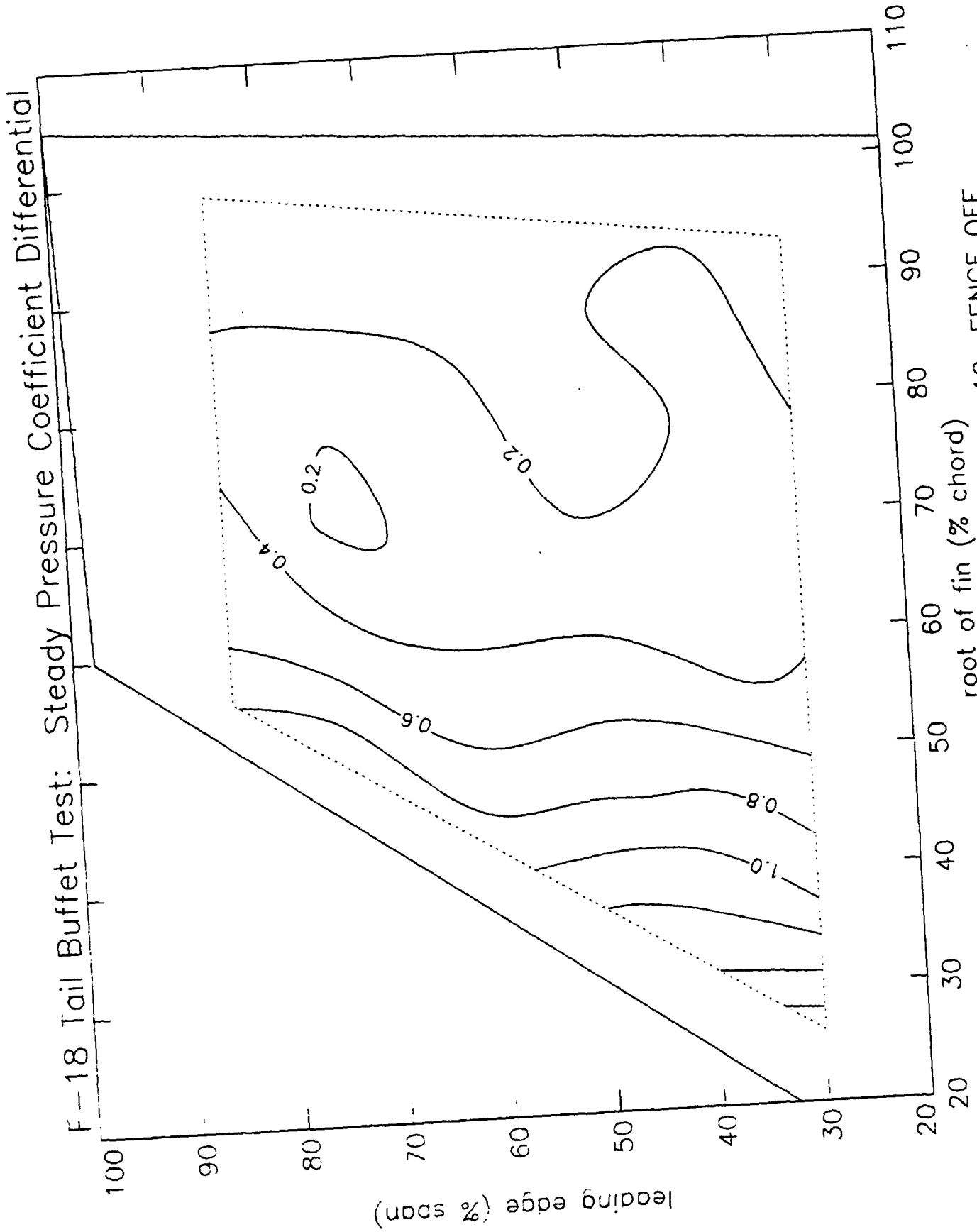
Sideslip Sweep at 30 *deg* Angle-of-Attack, $Q = 33$ *psf*

Sideslip Angles: -16, -10, -6, -4, -2, 0, 2, 4, 6, 10, and 16 *deg*

Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fin (% chord)."

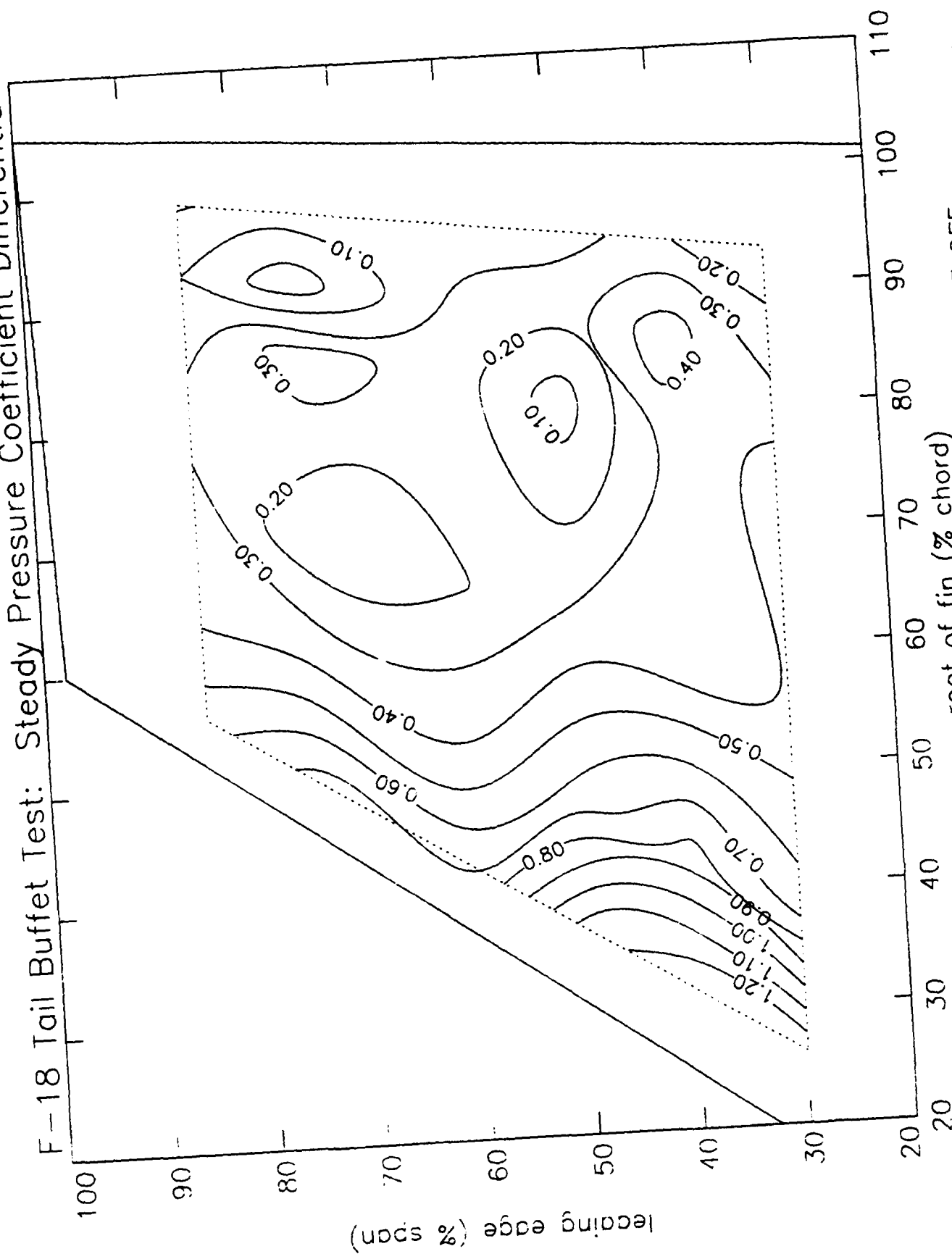
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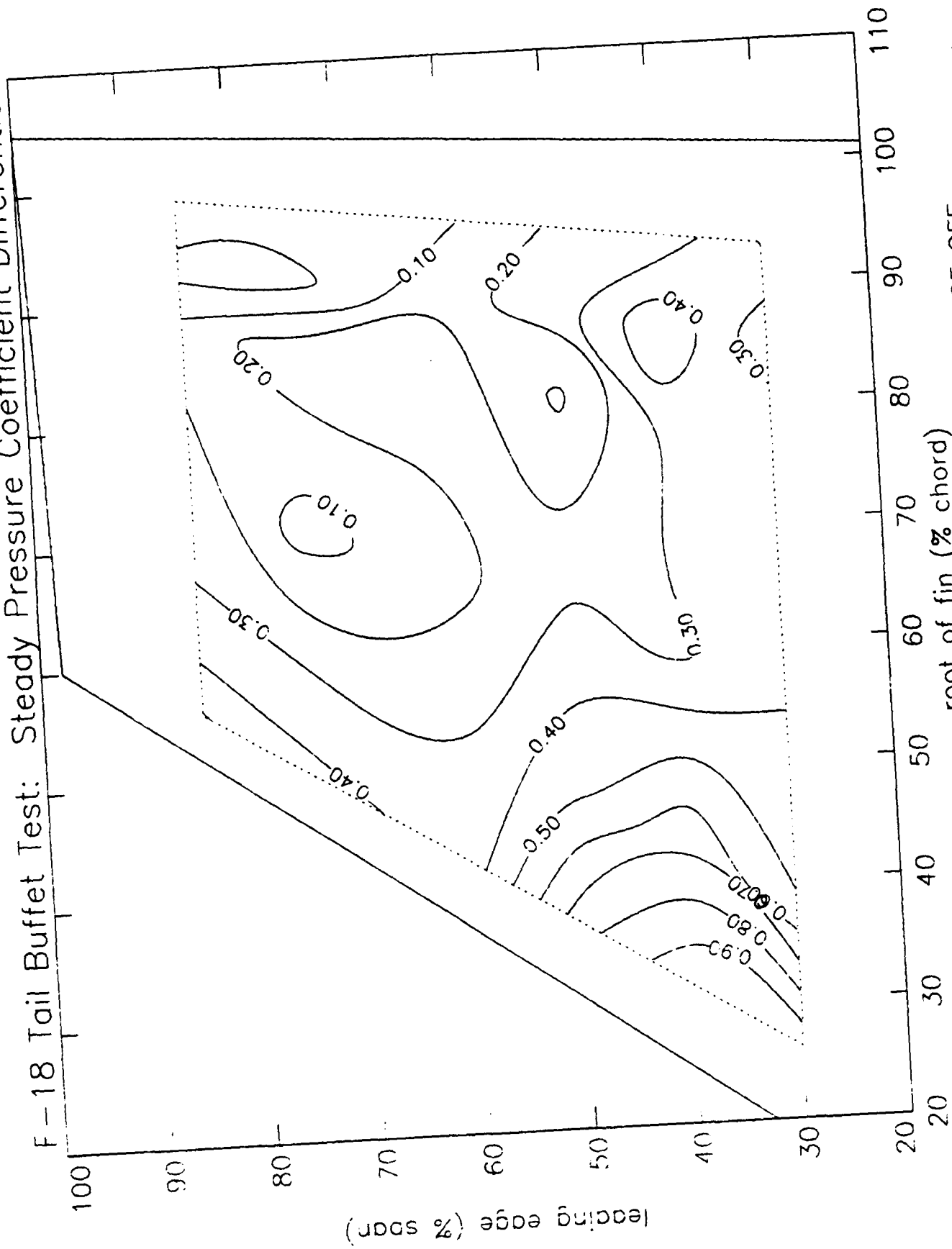
Record 53: DC Q=33 Alpha=30 Beta=-10 FENCE OFF

F-18 Tail Buffet Test: Steady Pressure Coefficient Differential



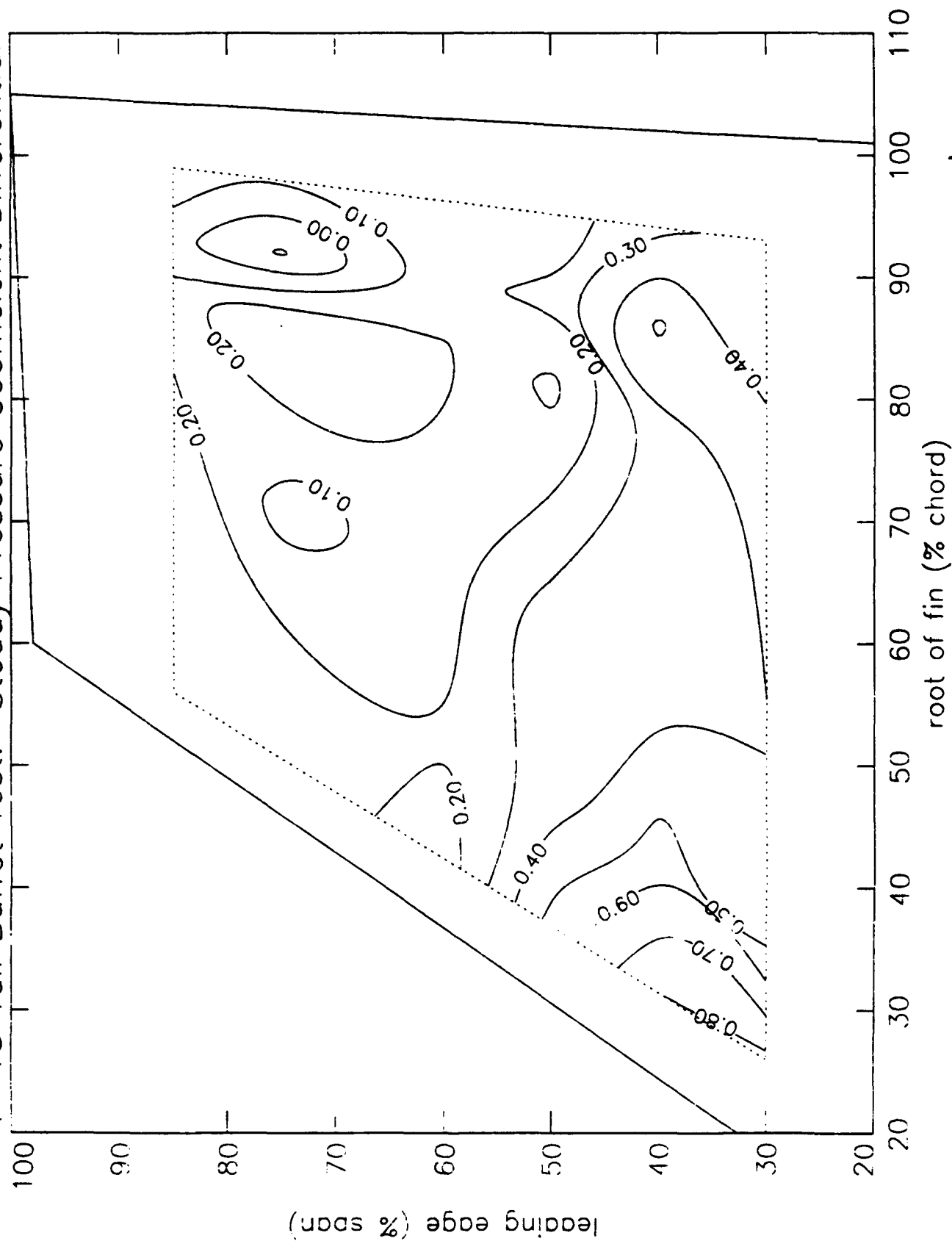
Record 57: DC Q=33 Alpha=30 Beta=-6 FENCE OFF

F-18 Tail Buffet Test: Steady Pressure Coefficient Differential



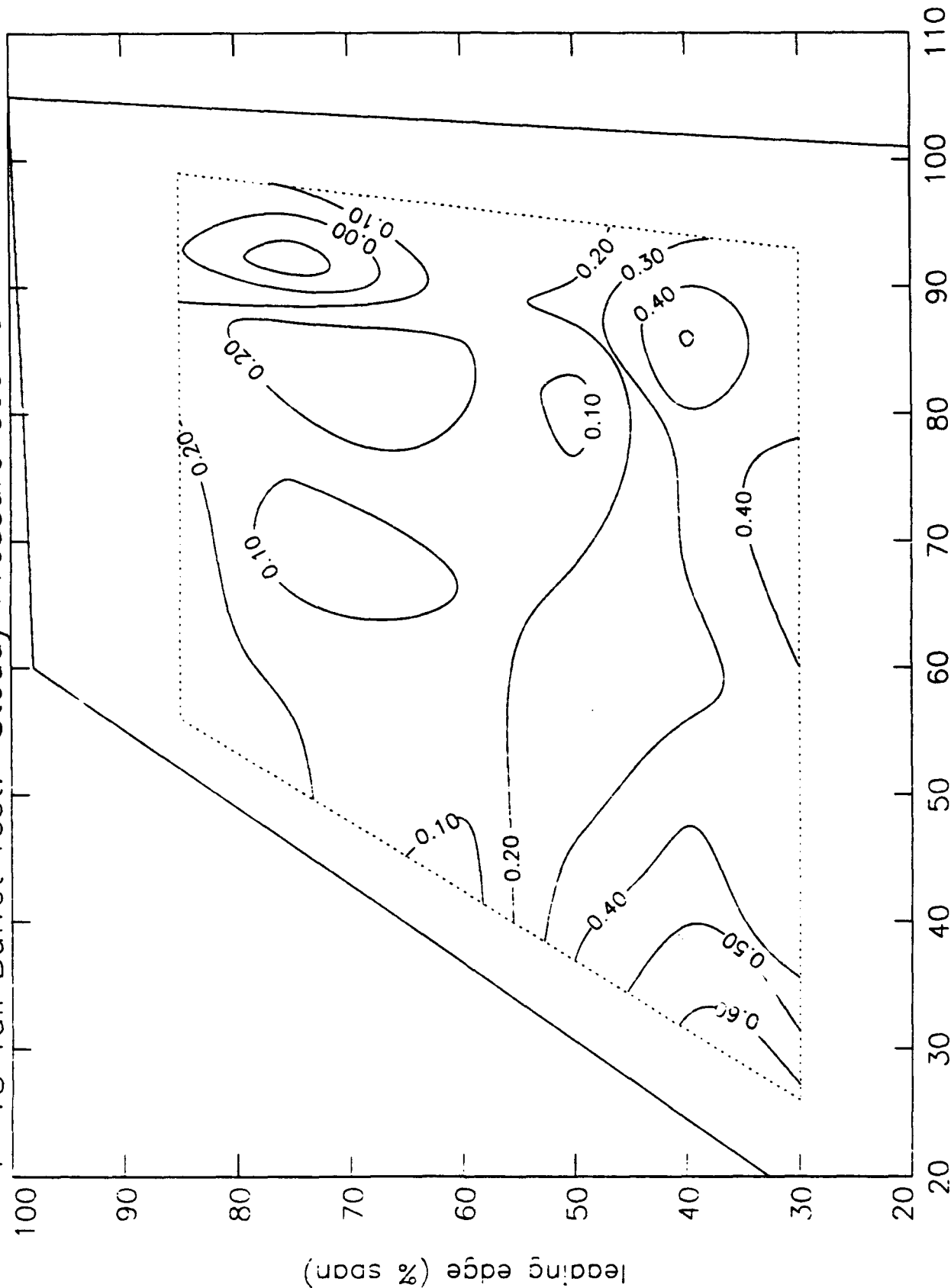
Record 52: DC Q=33 Alpha=30 Beta=-4 FENCE OFF

F-18 Tail Buffet Test: Steady Pressure Coefficient Differential

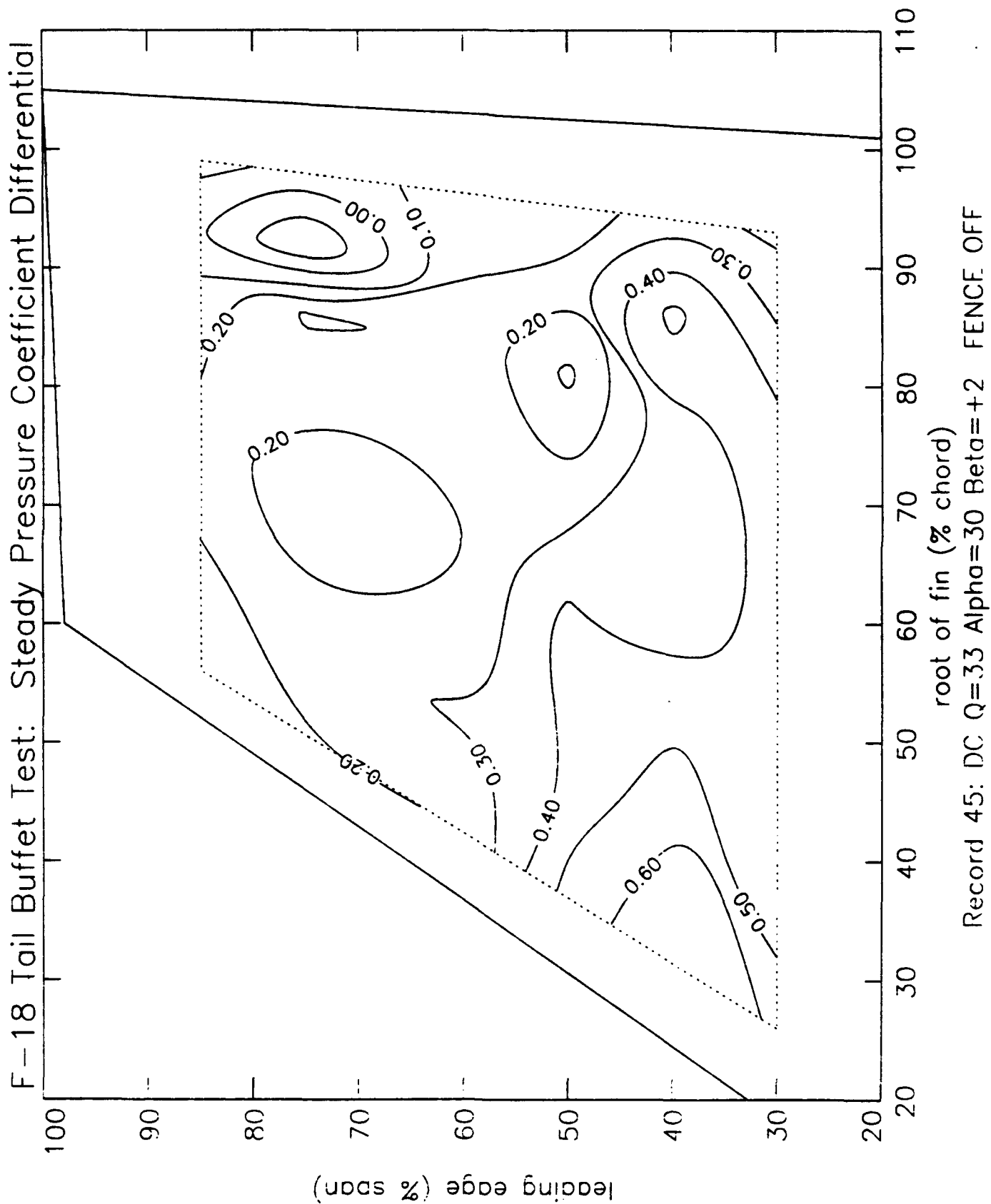


Record 49: DC Q=33 Alpha=30 Beta=-2 FENCE OFF

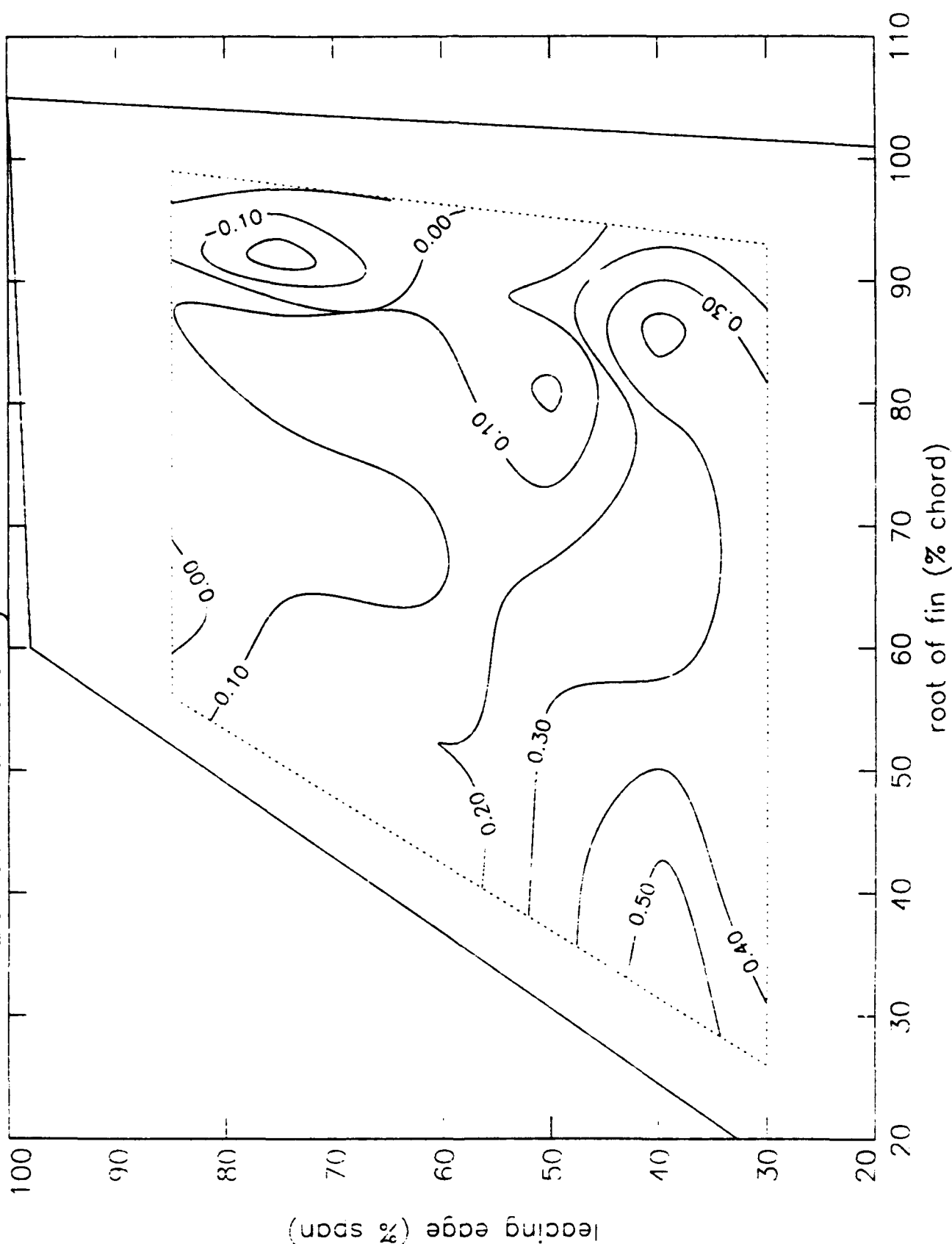
F-18 Tail Buffet Test: Steady Pressure Coefficient Differential



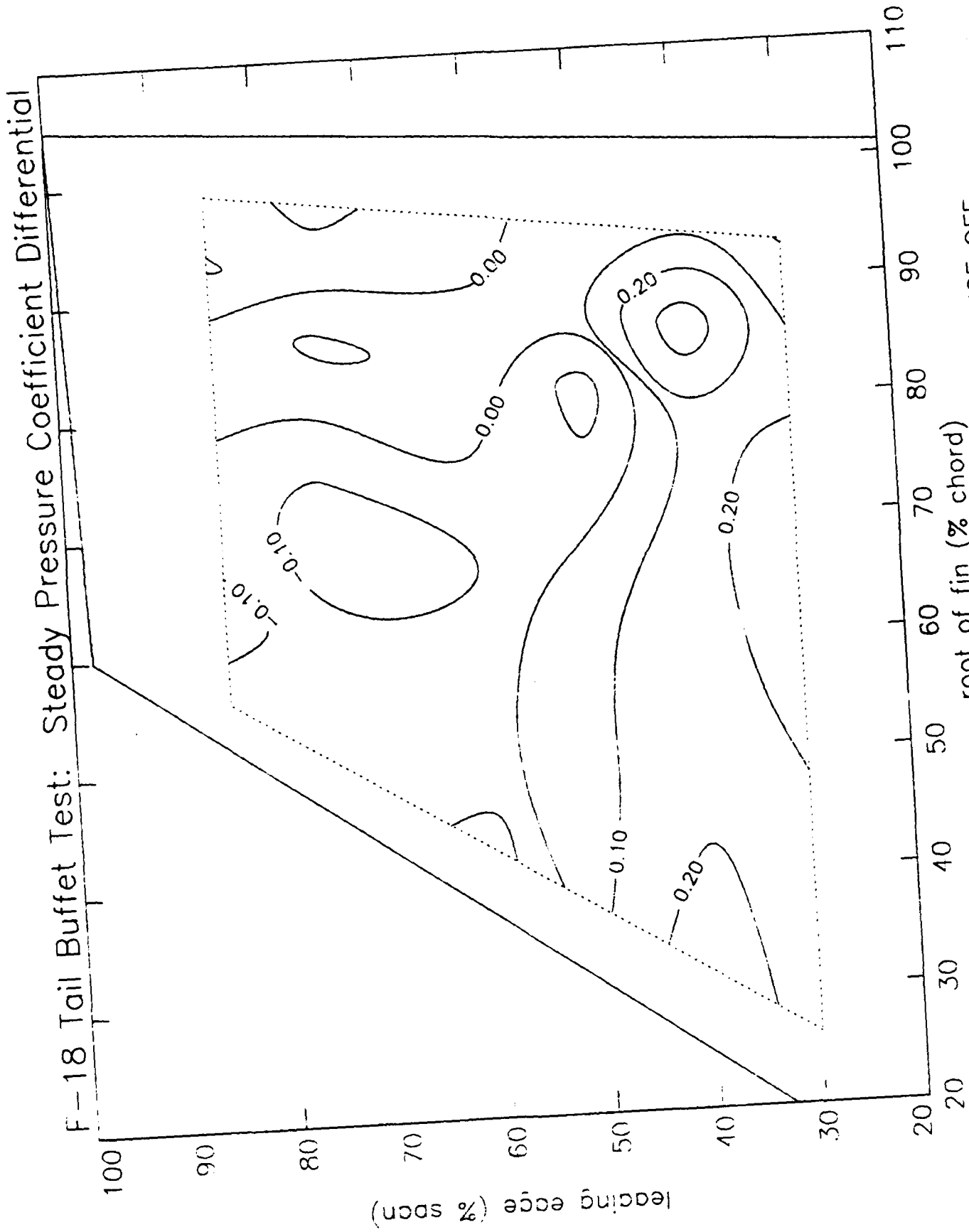
Record 48: DC Q=33 Alpha=30 Beta=0 FENCE OFF



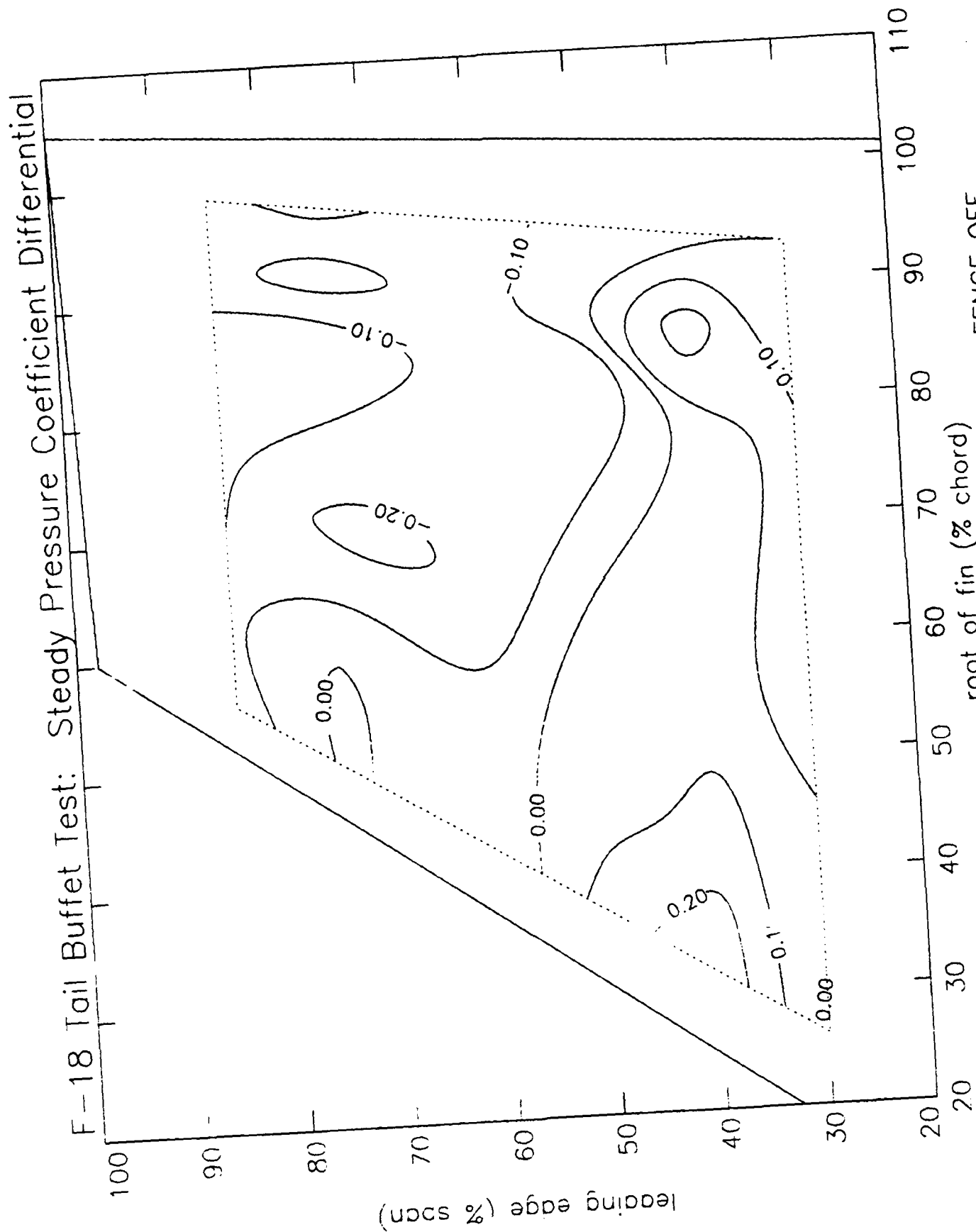
F-18 Tail Buffet Test: Steady Pressure Coefficient Differential

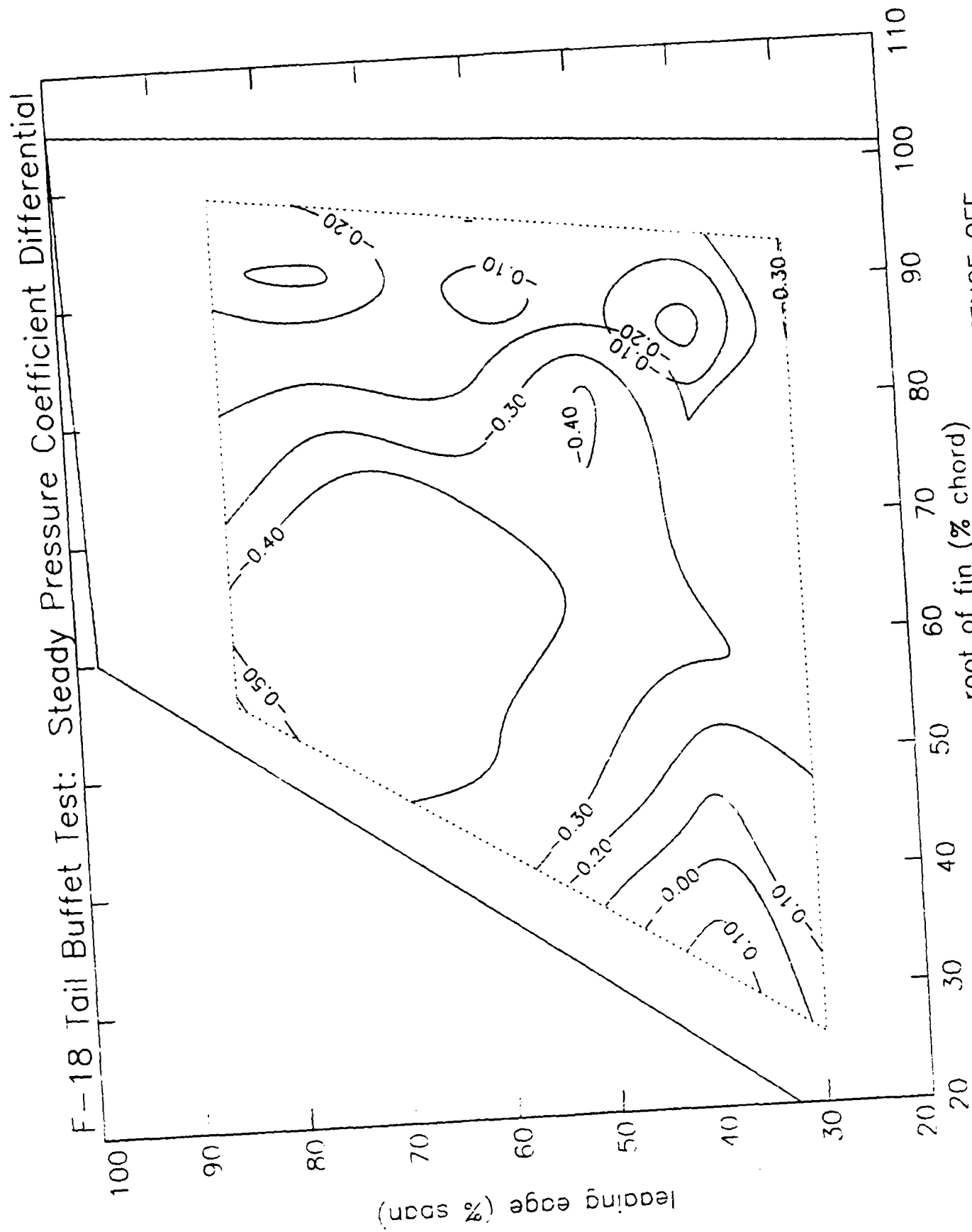


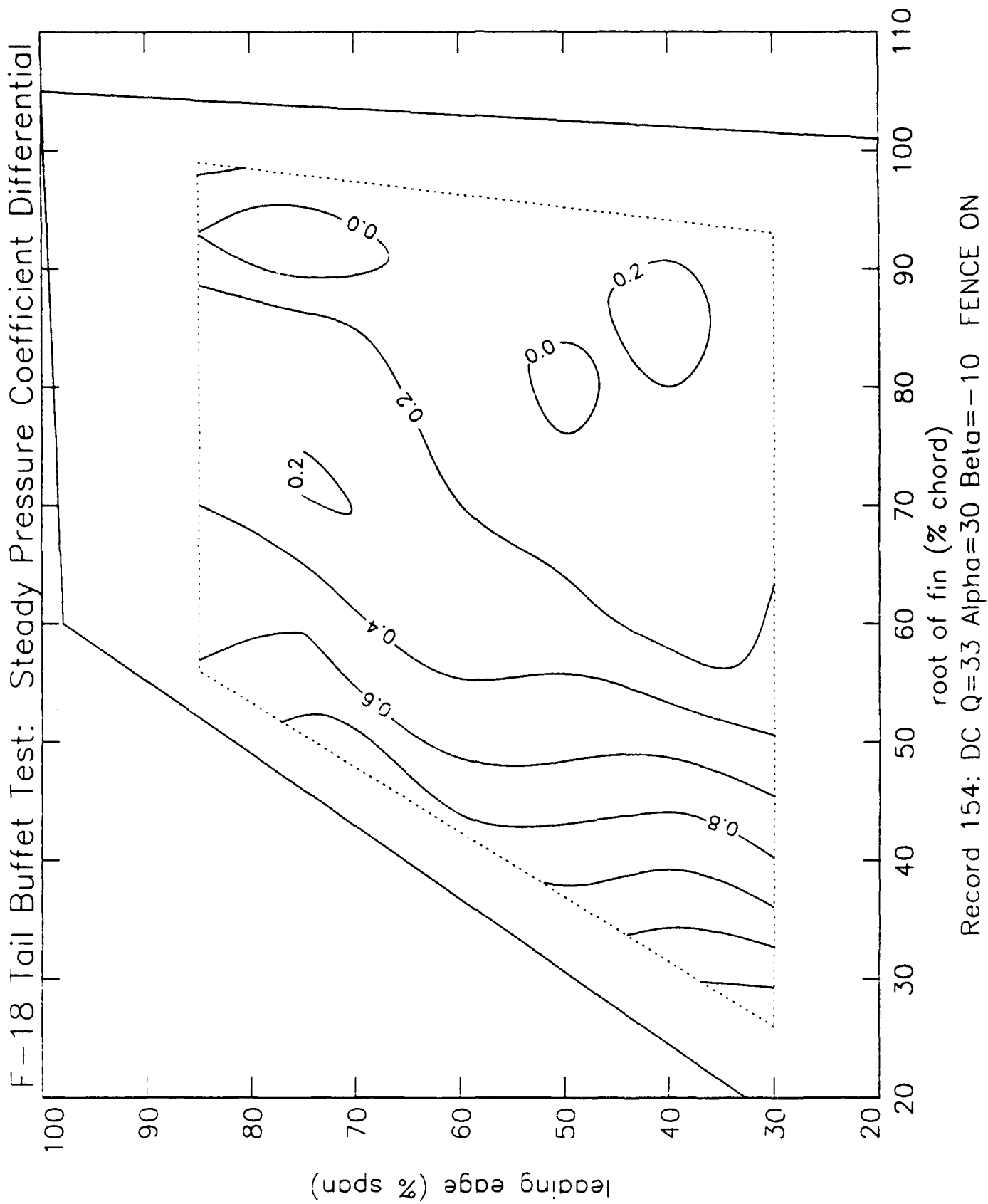
Record 44: DC Q=33 Alpha=30 Beta=+4 FENCE OFF

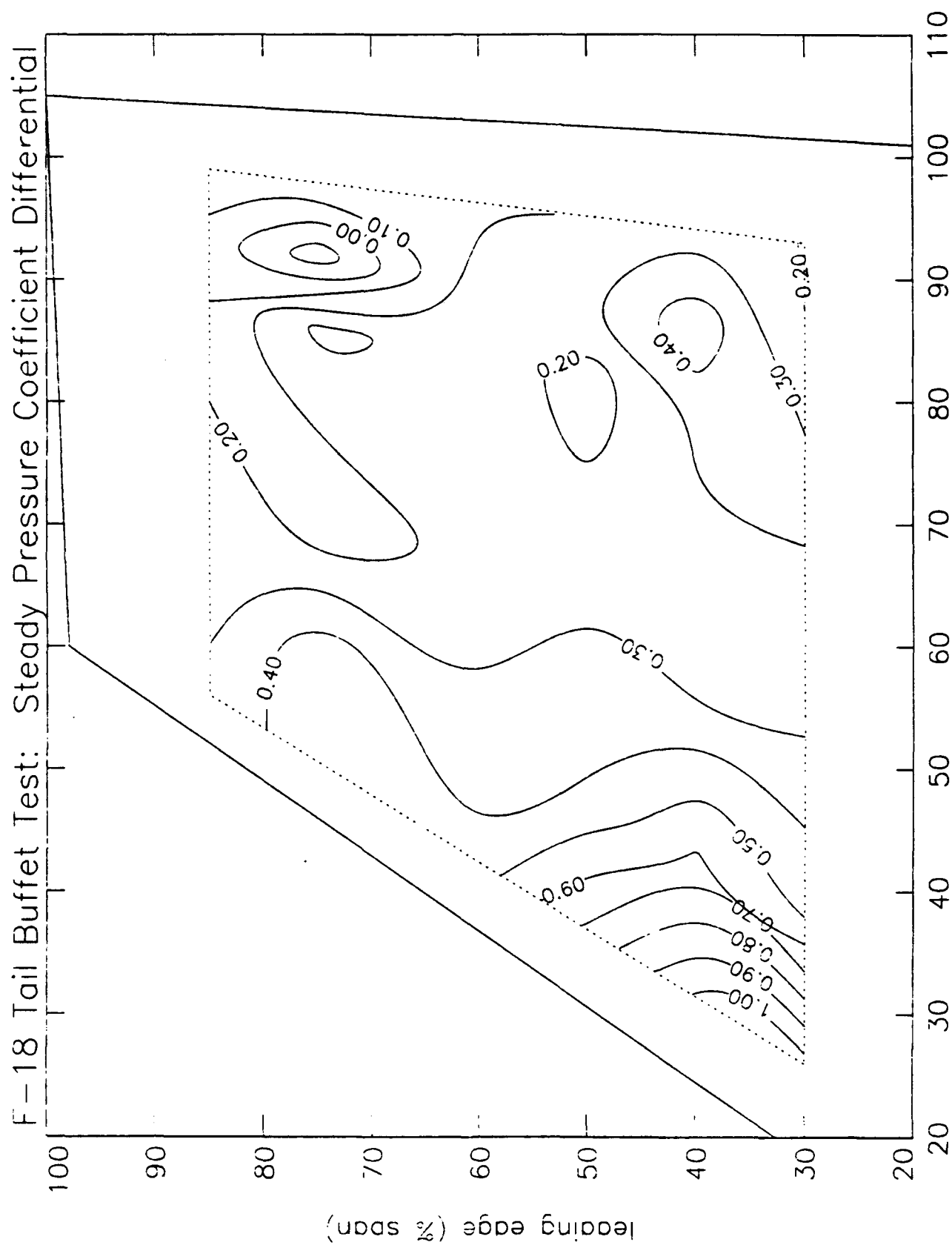


Record 41: DC Q=33 Alpha=30 Beta=+6 FENCE OFF

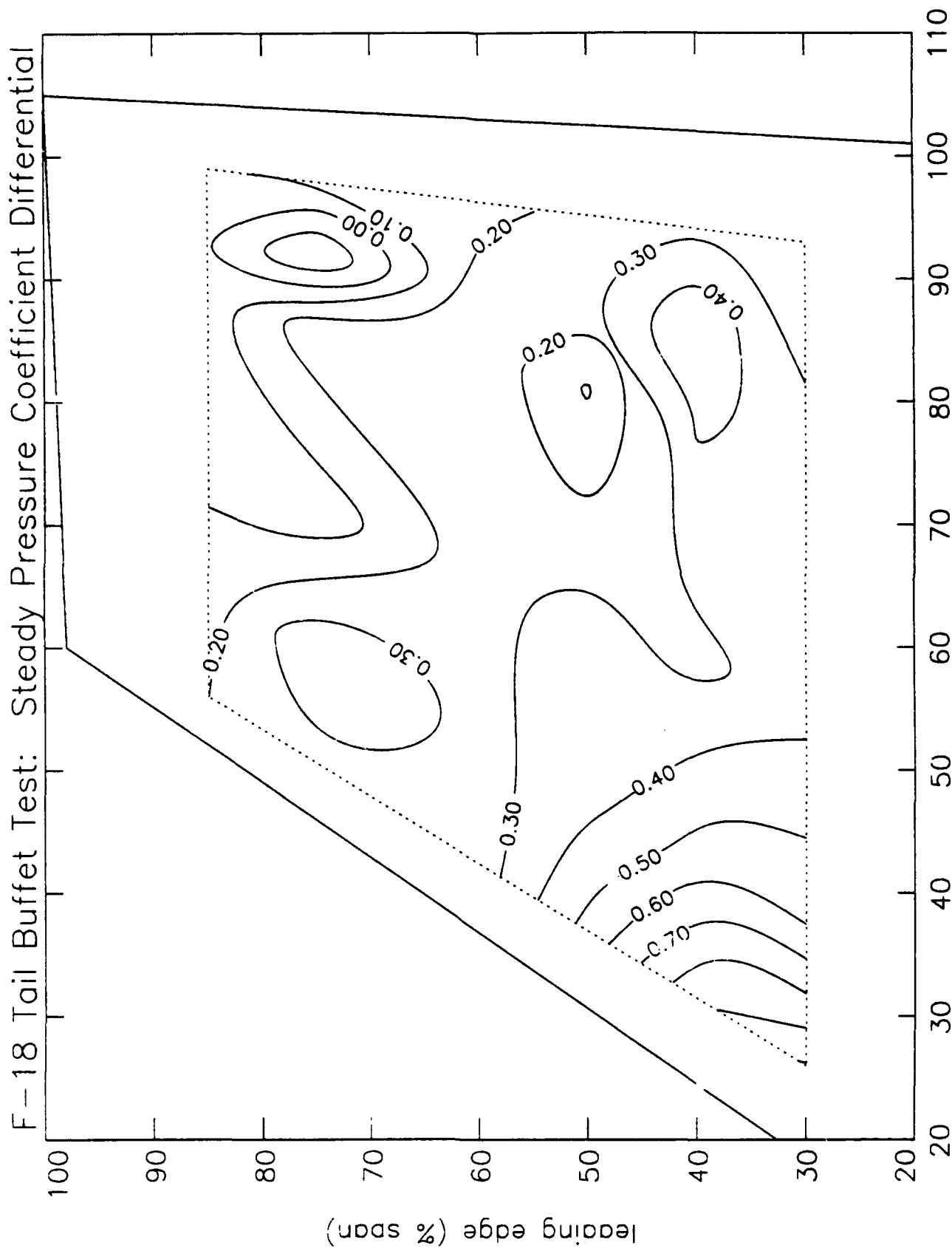


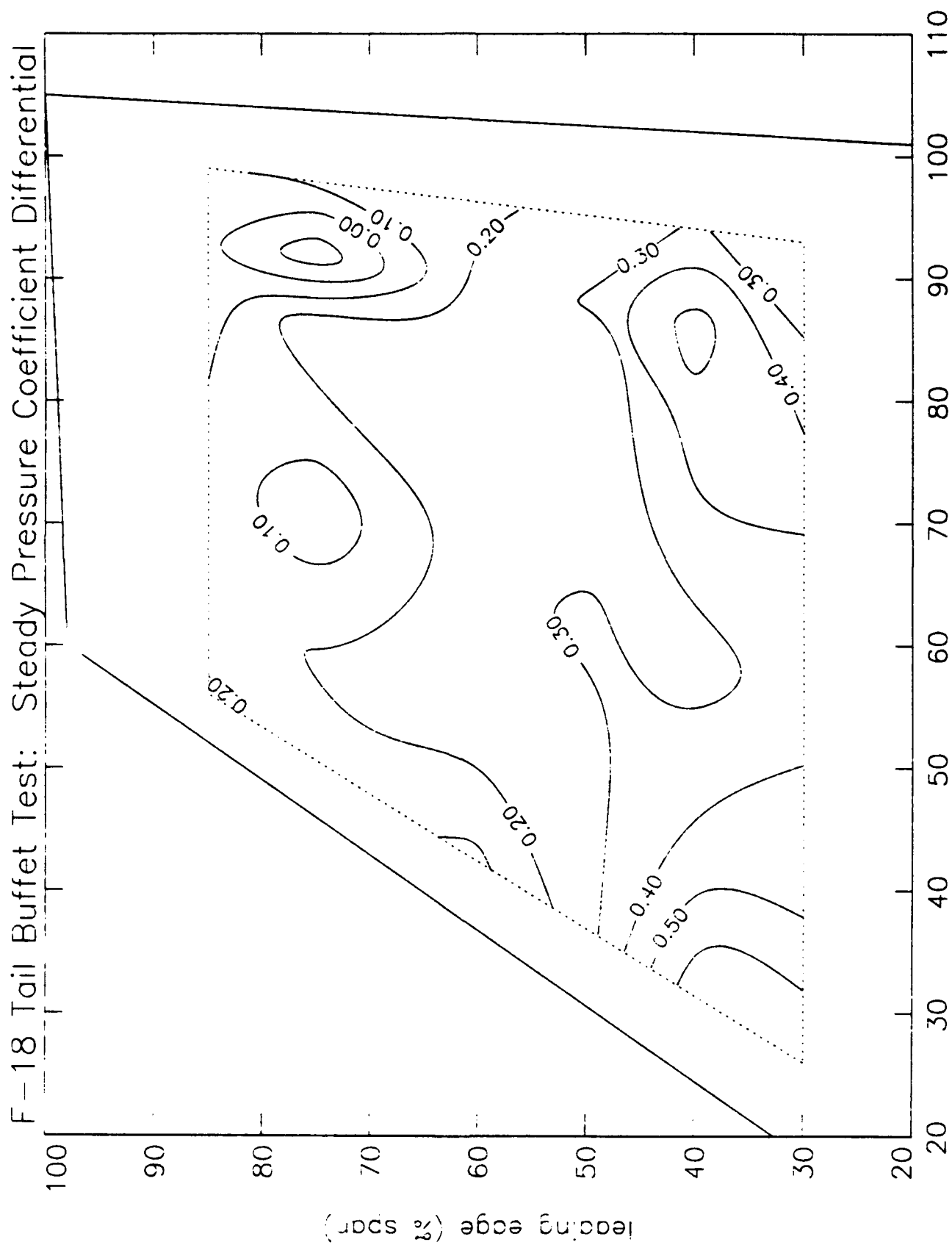






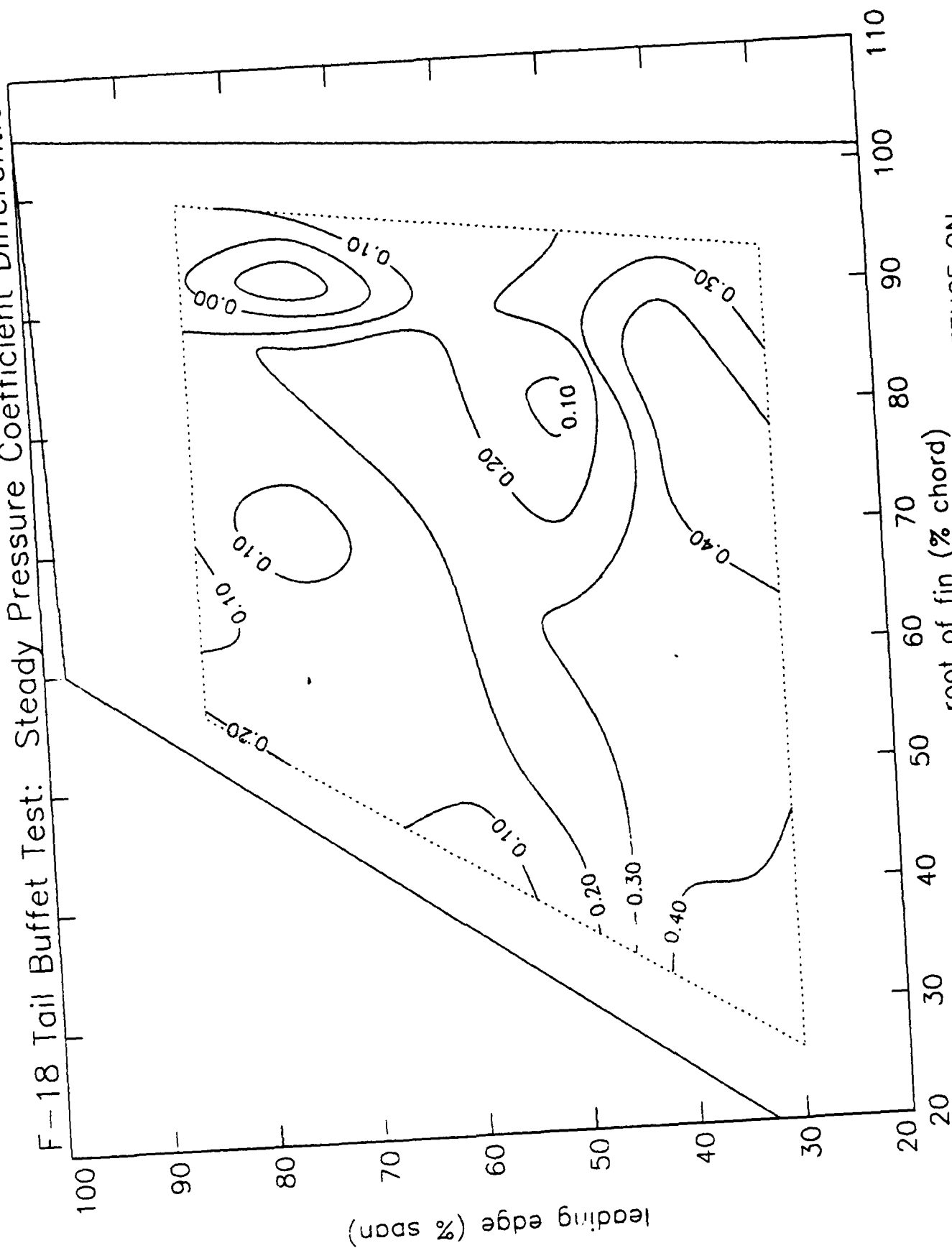
Record 152: DC Q=33 Alpha=30 Beta=-6 FENCE ON



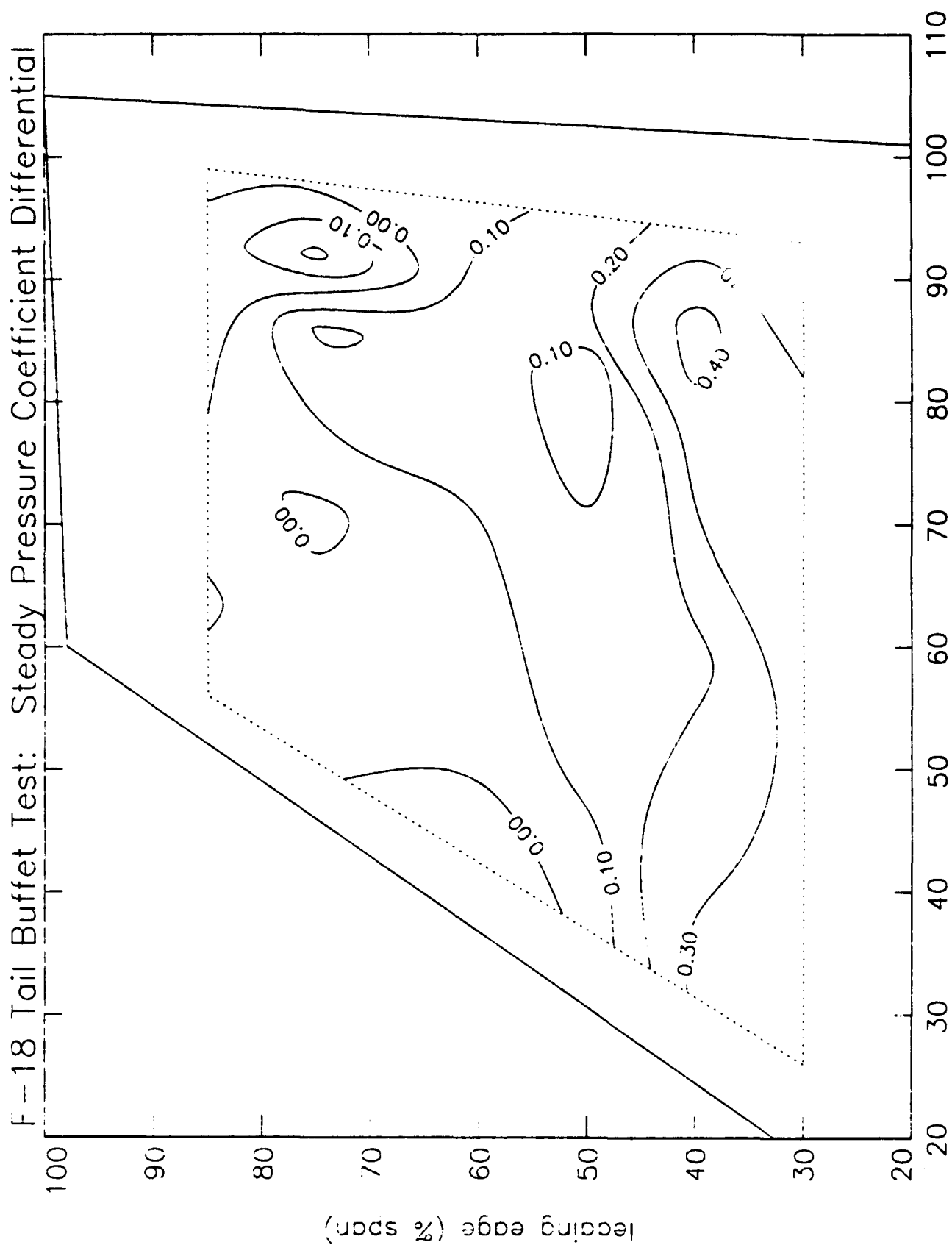


Record 148: DC Q=33 Alpha=30 Beta=-2 FENCE ON

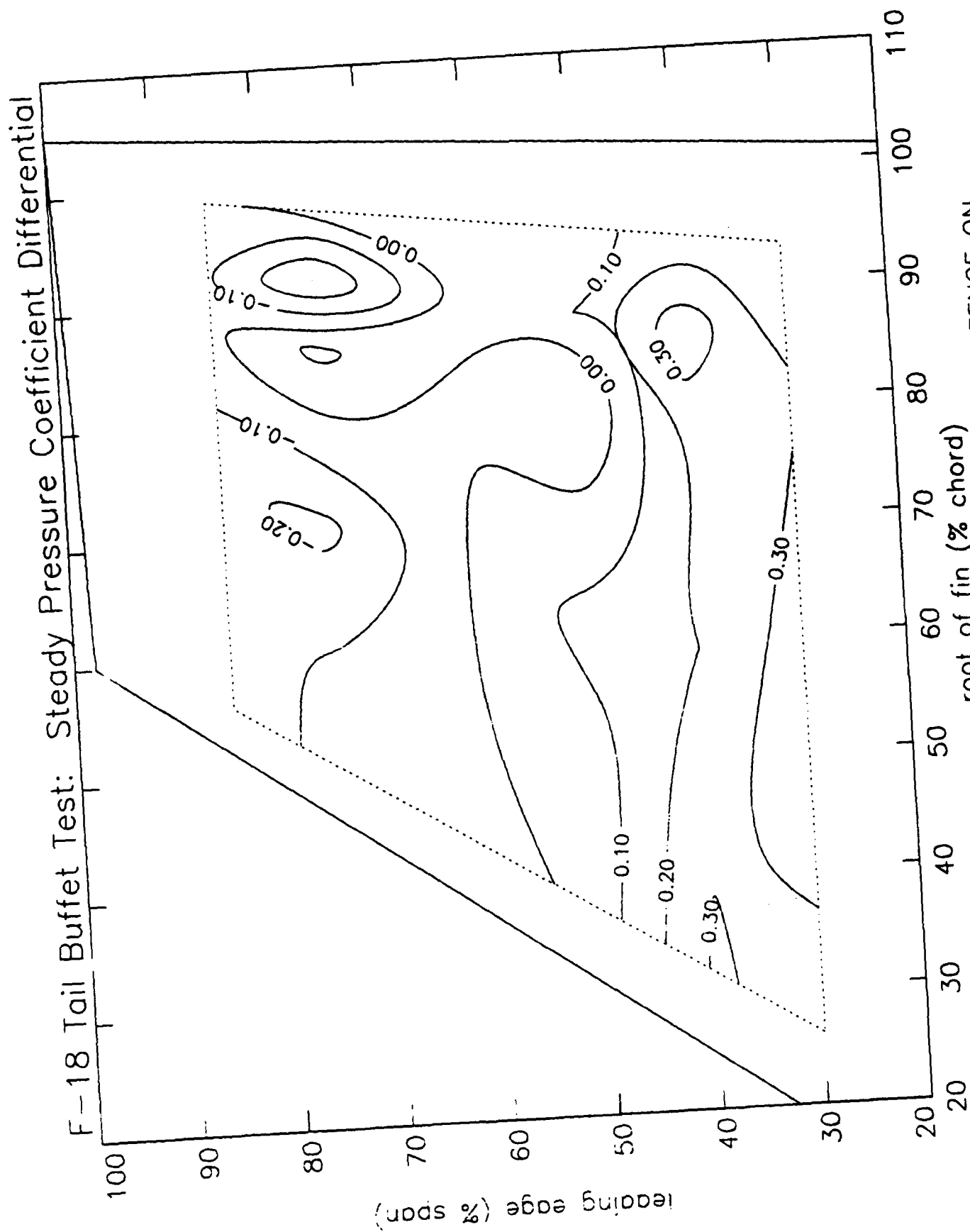
F-18 Tail Buffet Test: Steady Pressure Coefficient Differential



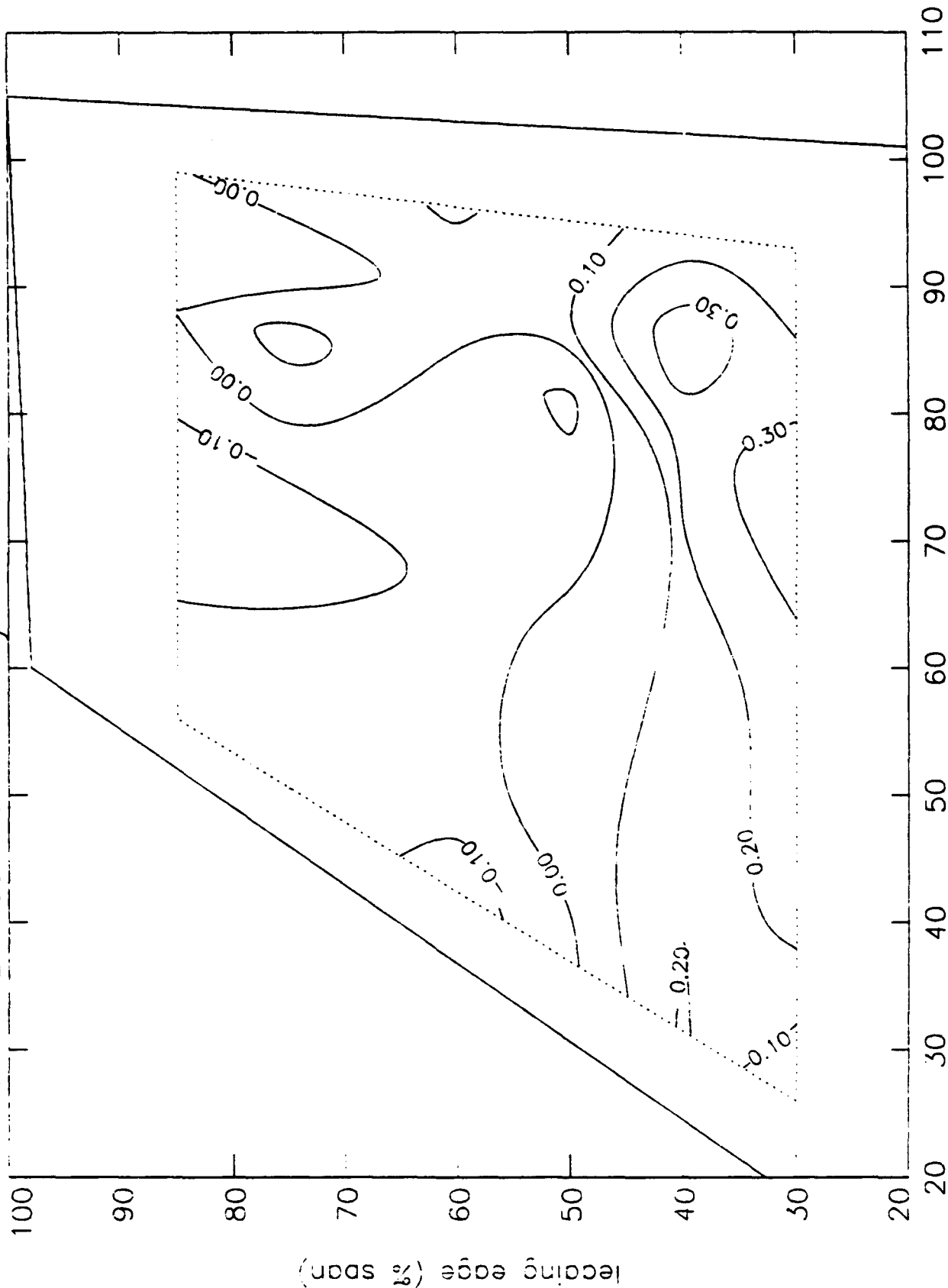
Record 146: DC Q=33 Alpha=30 Beta=0 FENCE ON



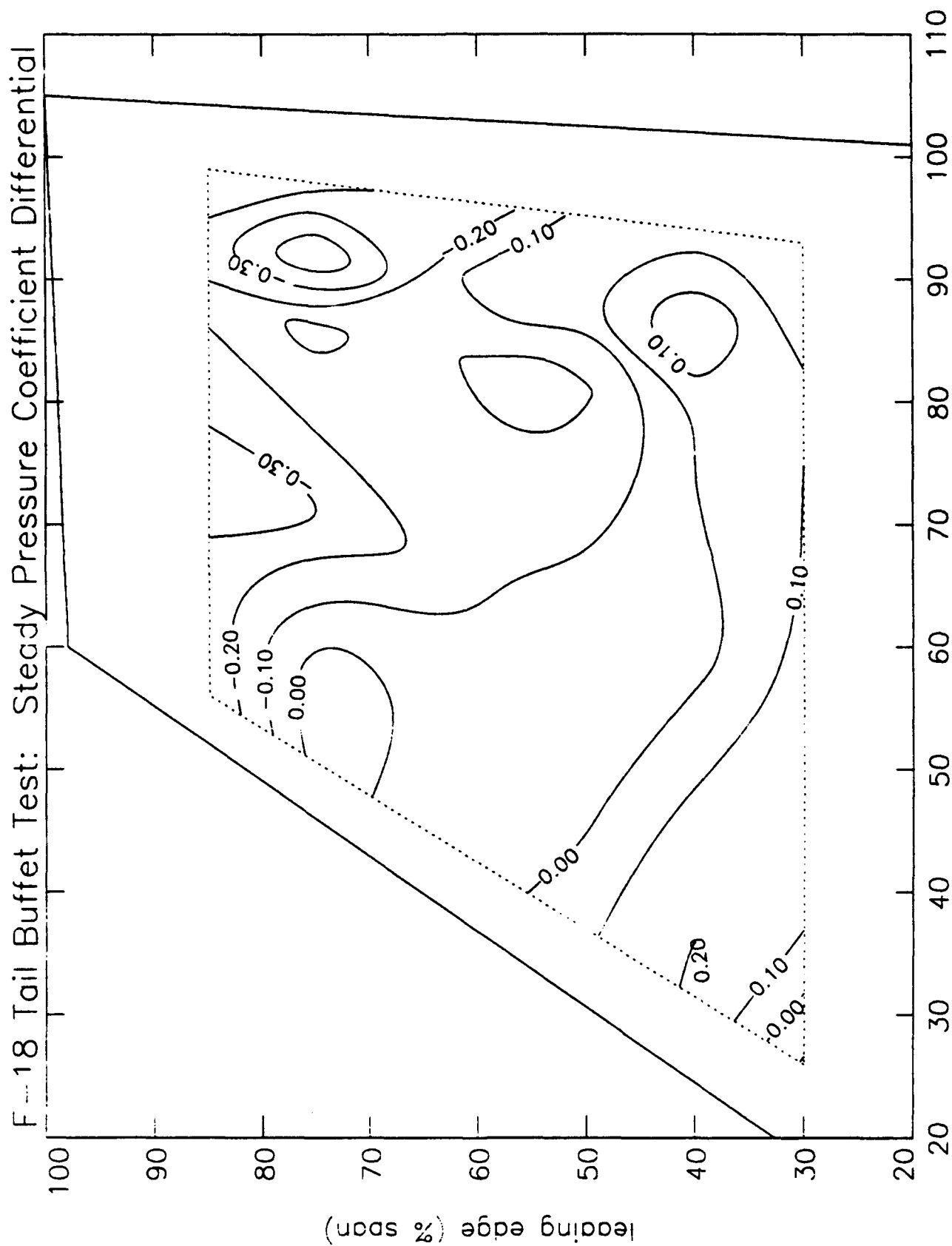
Record 144: DC Q=33 Alpha=30 Beta=+2 FENCE ON



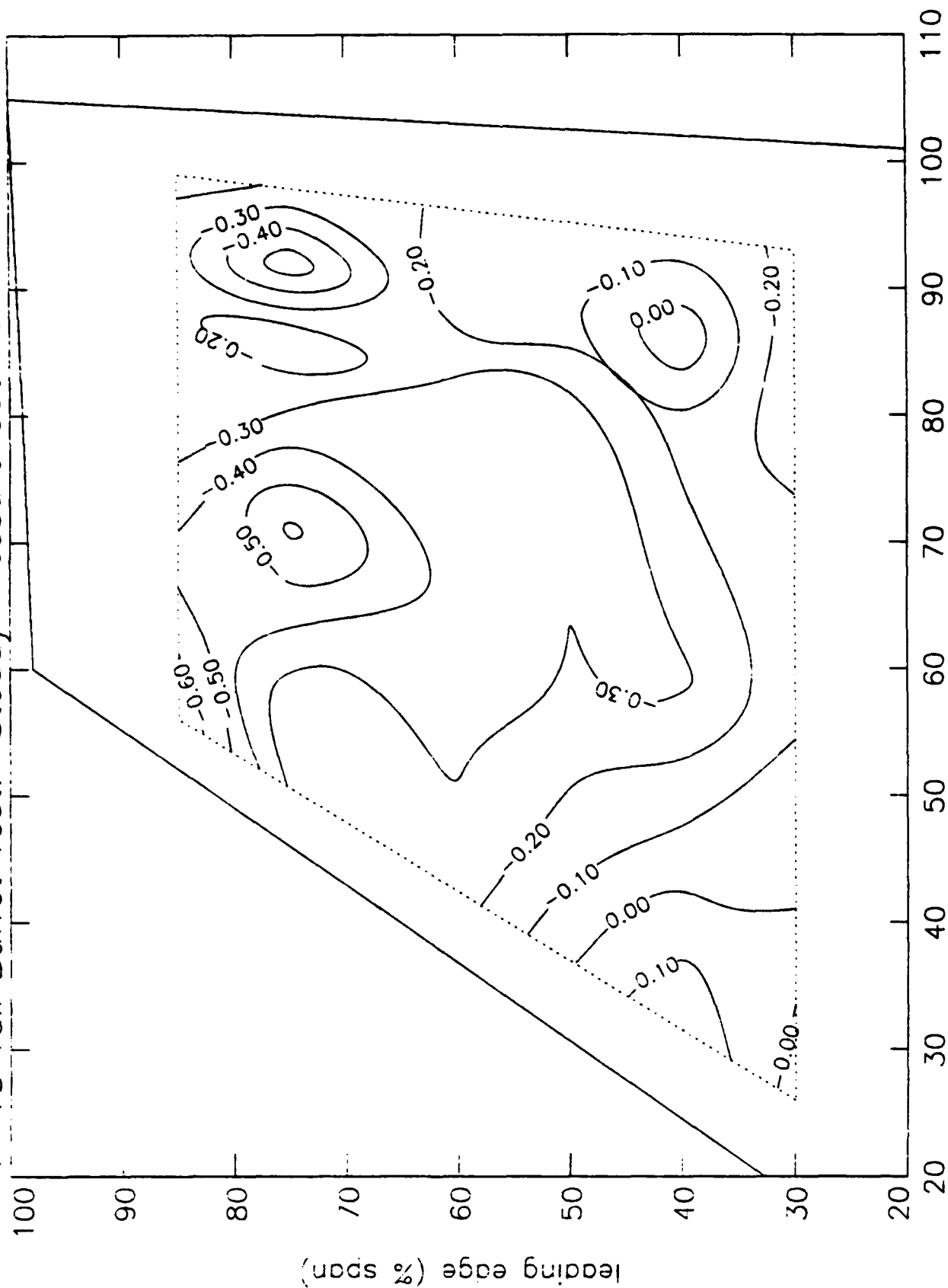
F-18 Tail Buffet Test: Steady Pressure Coefficient Differential



Record 140: DC Q=33 Alpha=30 Beta=+6 FENCE ON



F-18 Tail Buffet Test: Steady Pressure Coefficient Differential



root of fin (% chord)

Record 136: DC Q=33 Alpha=30 Beta=+16 FENCE ON

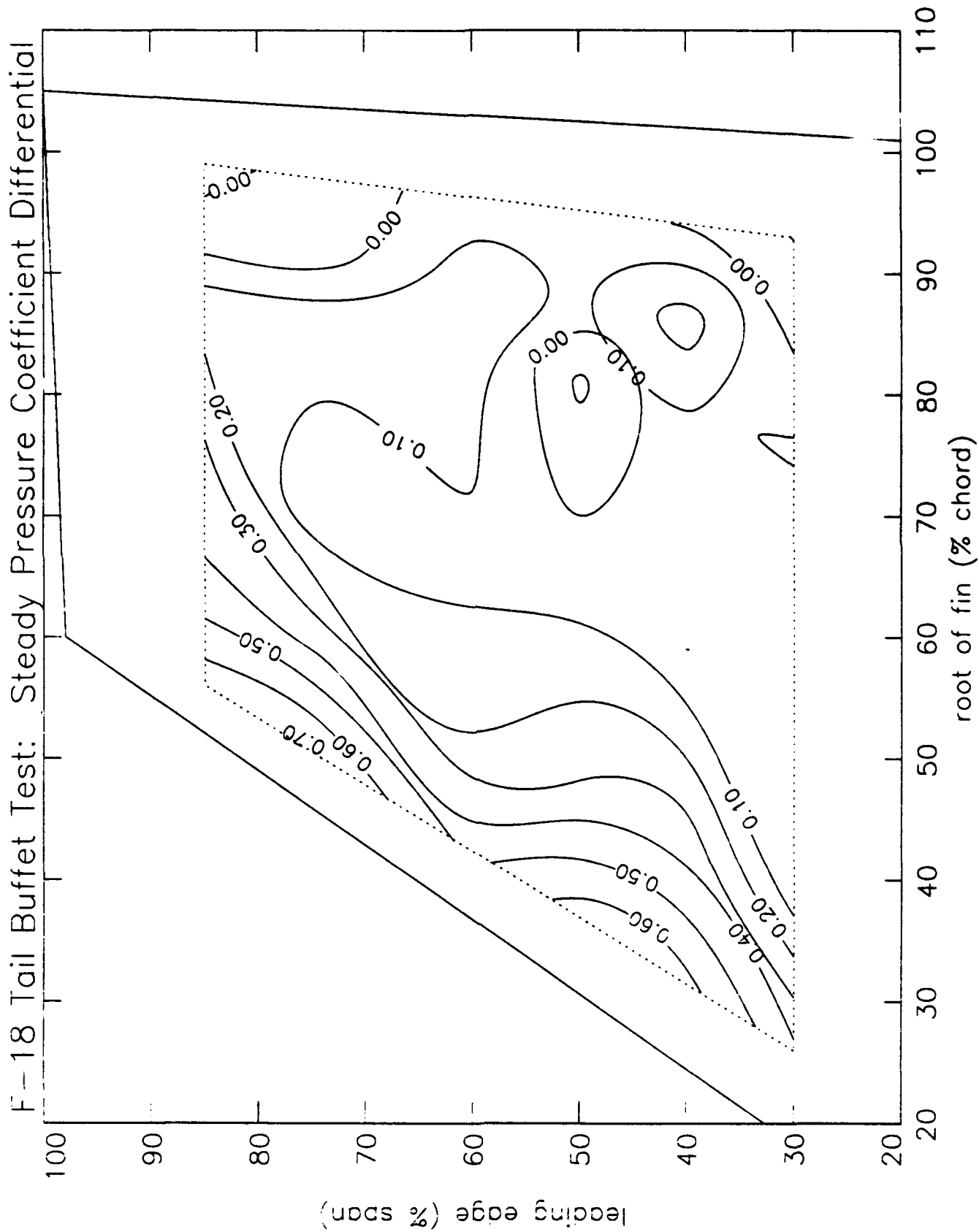
**Steady Pressure Coefficient Differential
Contour Plots**

Sideslip Sweep at 35 *deg* Angle-of-Attack, $Q = 33$ *psf*

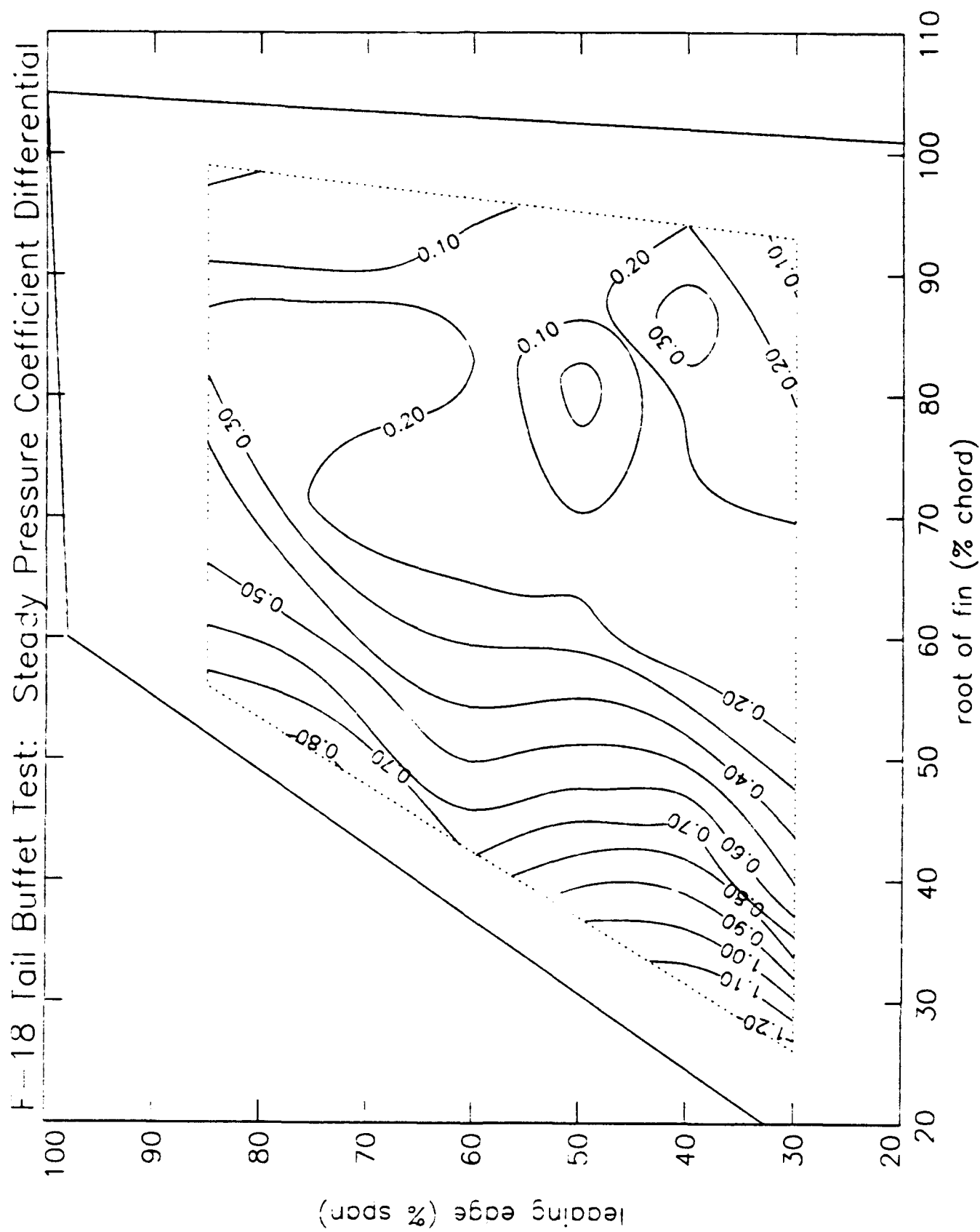
Sideslip Angles: -16, -10, -6, -4, -2, 0, 2, 4, 6, 10, and 16 *deg*

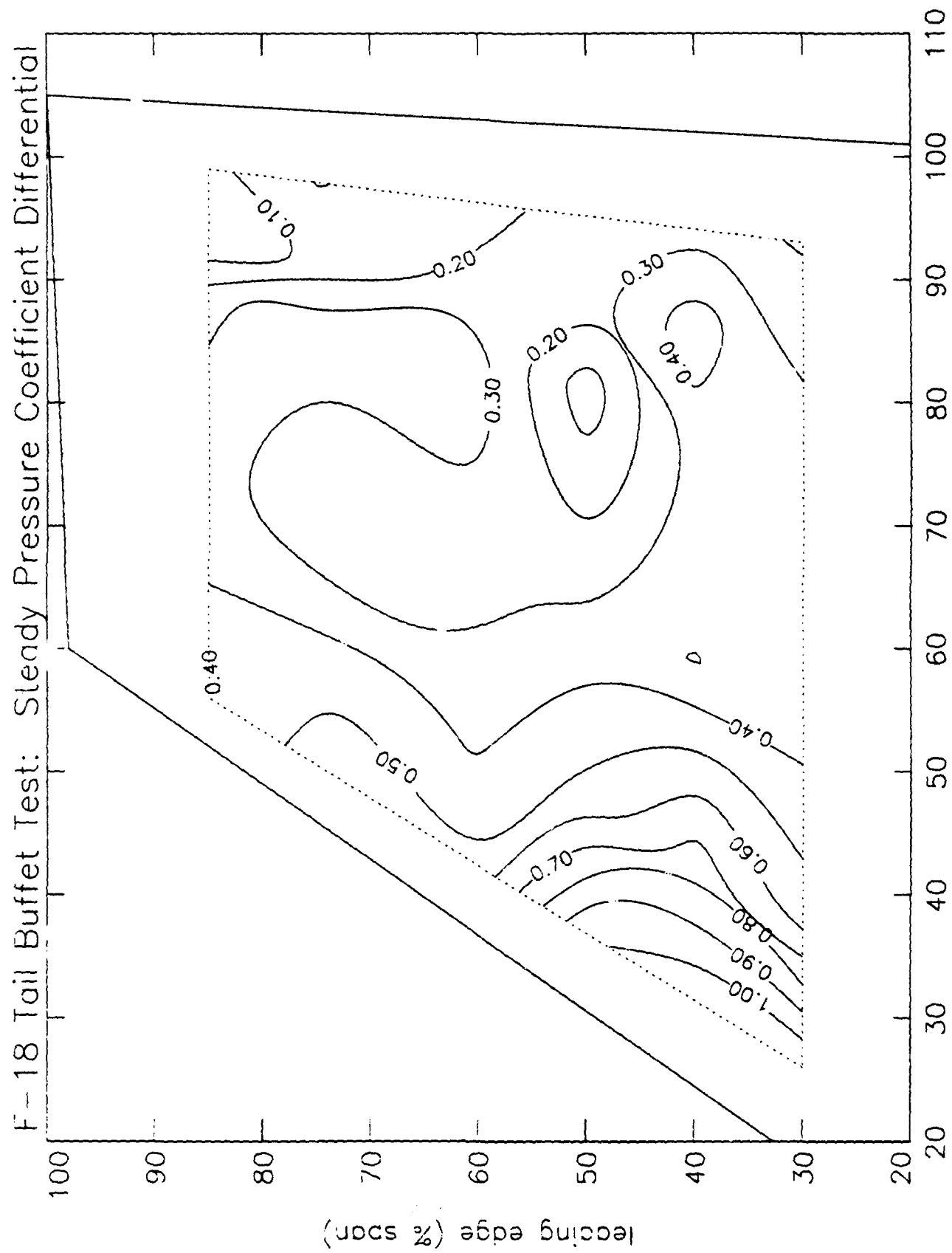
Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fin (% chord)."

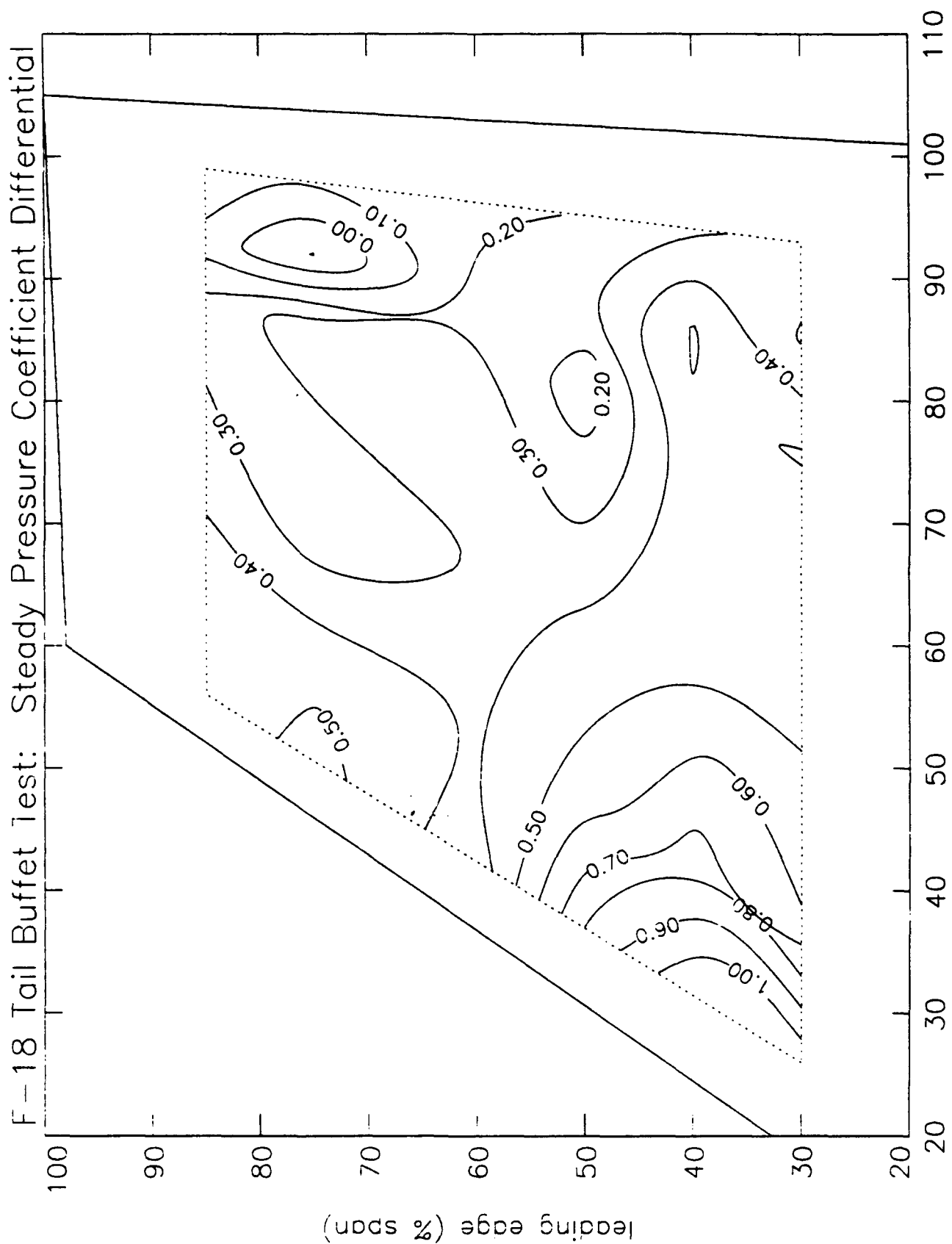
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Record 82: DC Q=33 Alpha=35 Beta=-16 FENCE OFF

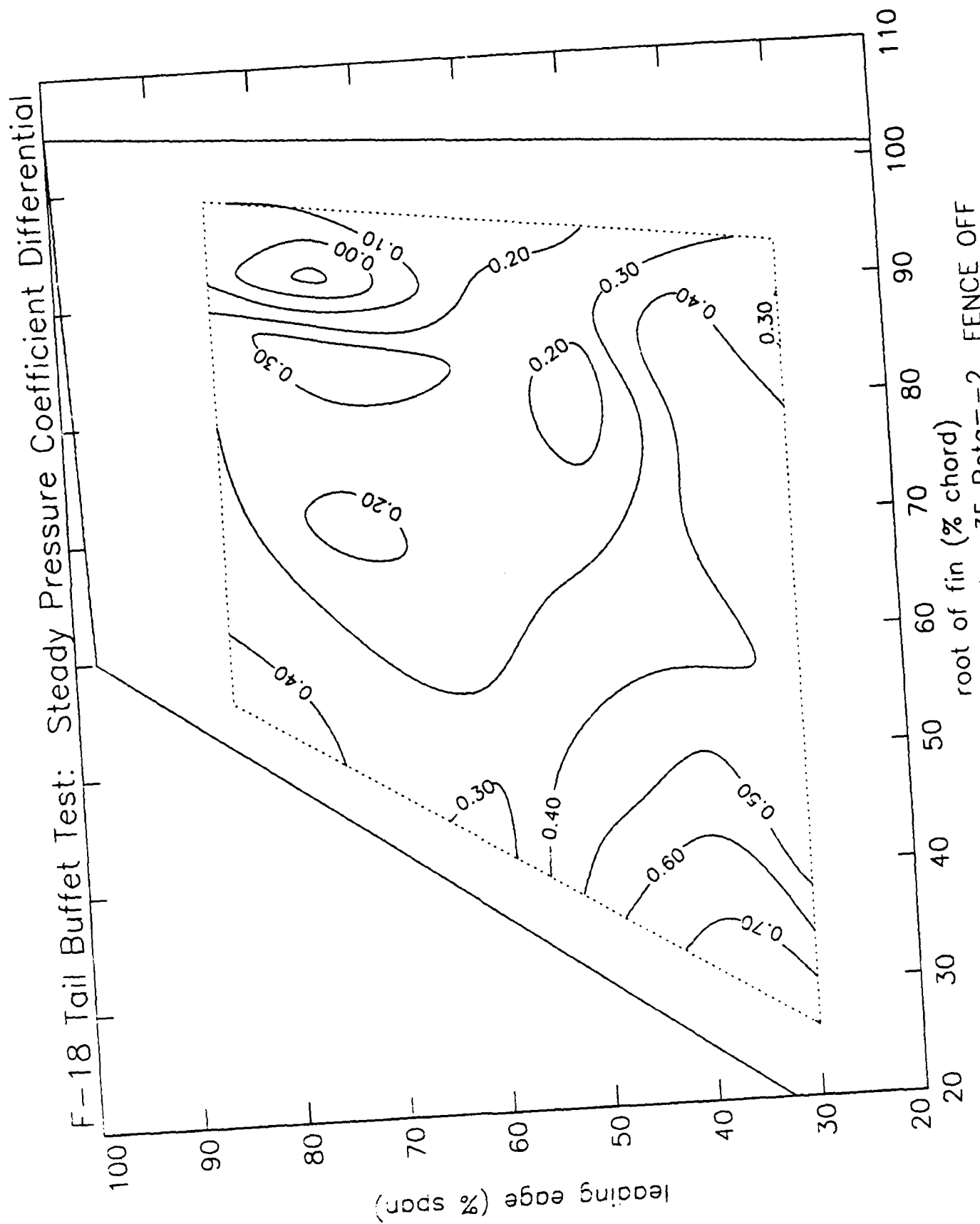




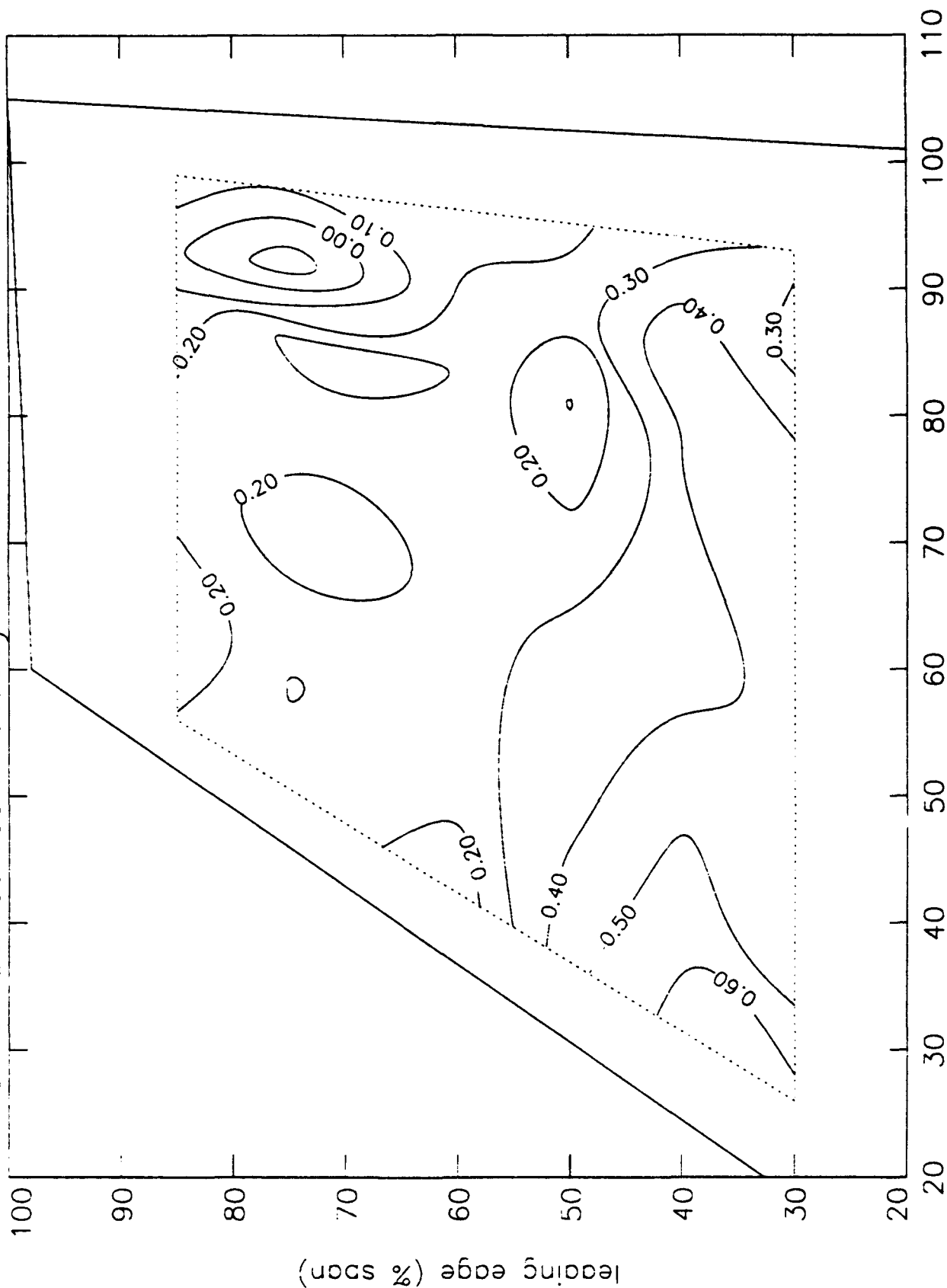


F-18 Tail Buffet Test: Steady Pressure Coefficient Differential

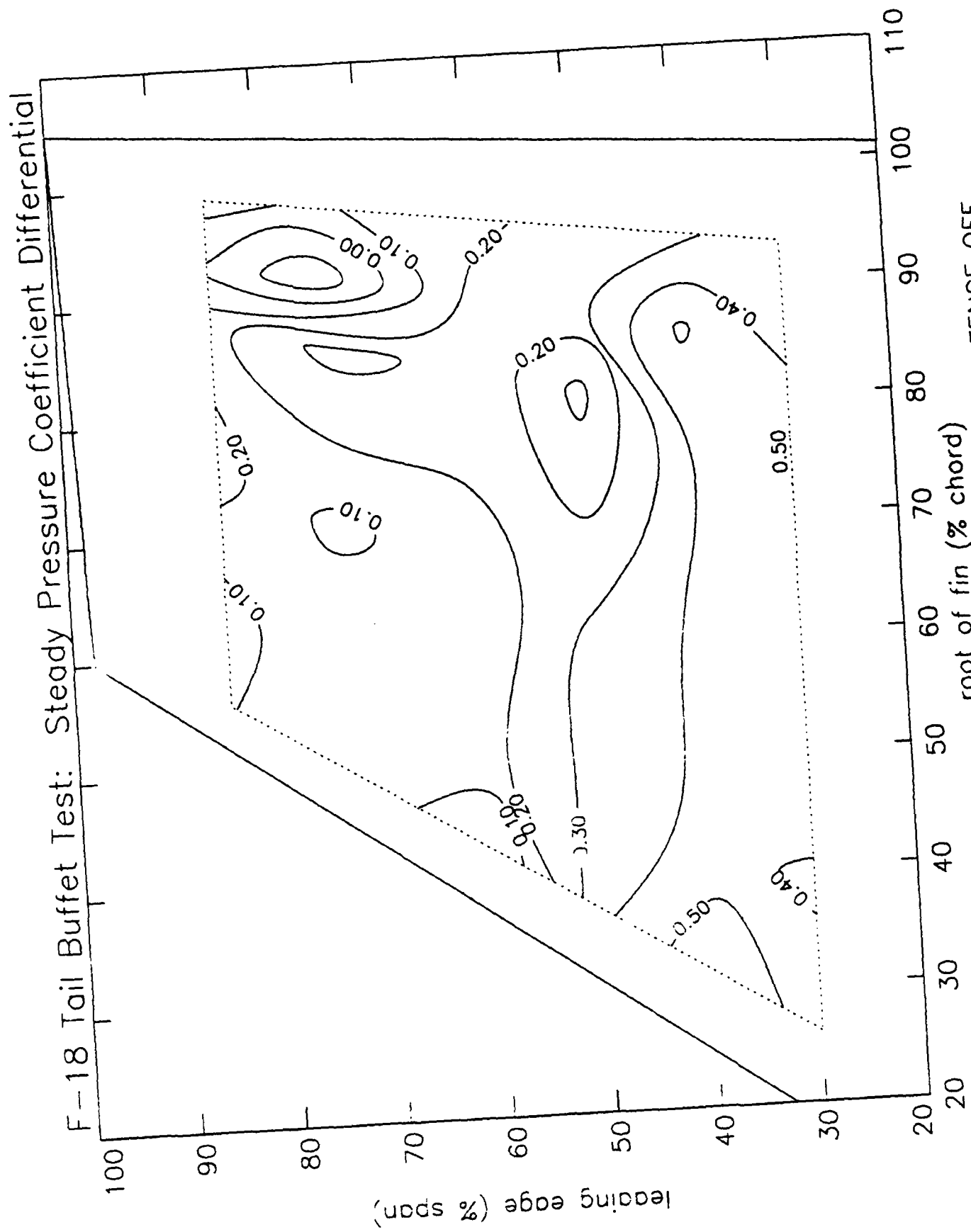
Record 75: DC Q=33 Alpha=35 Beta=-4 FENCE OFF

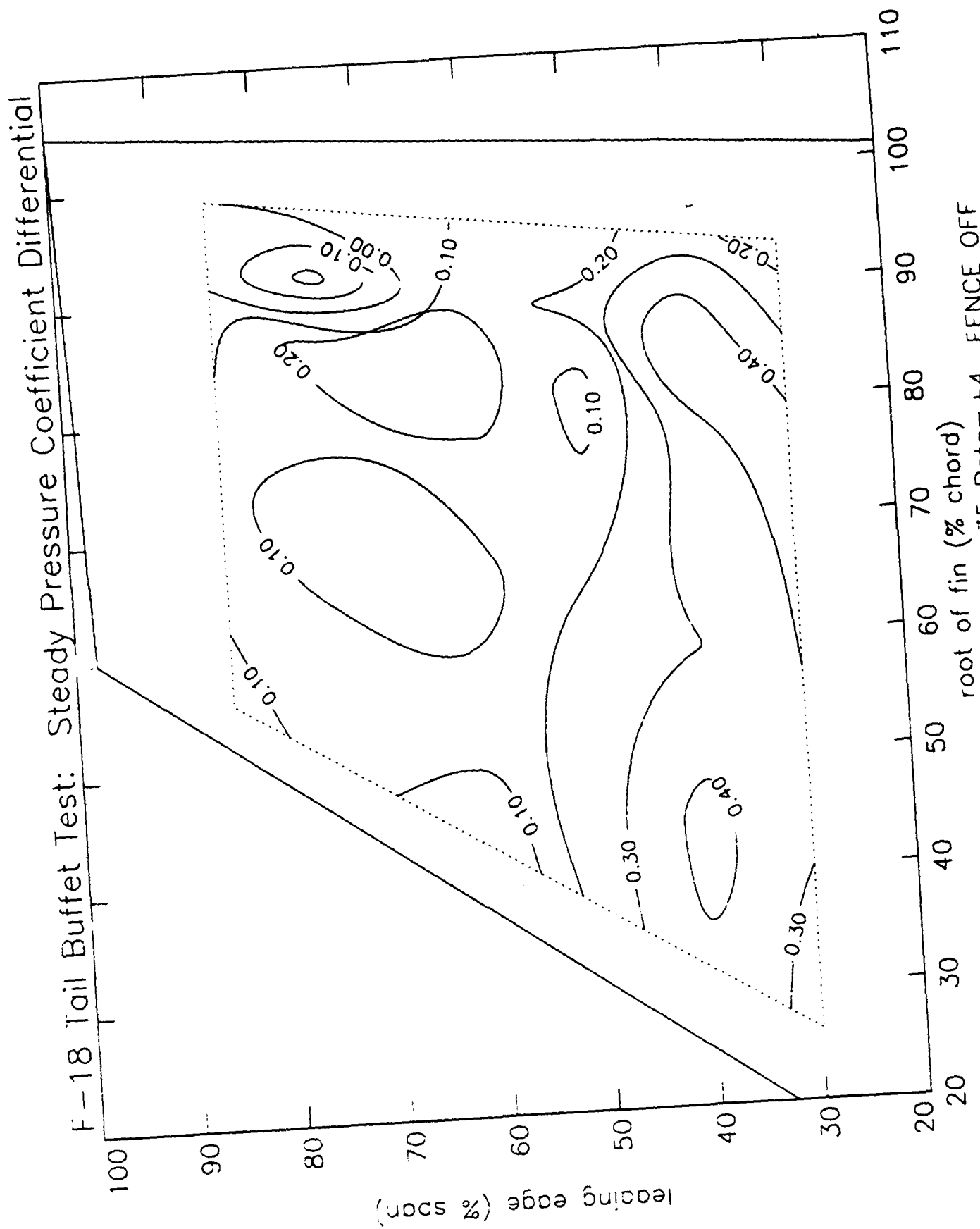


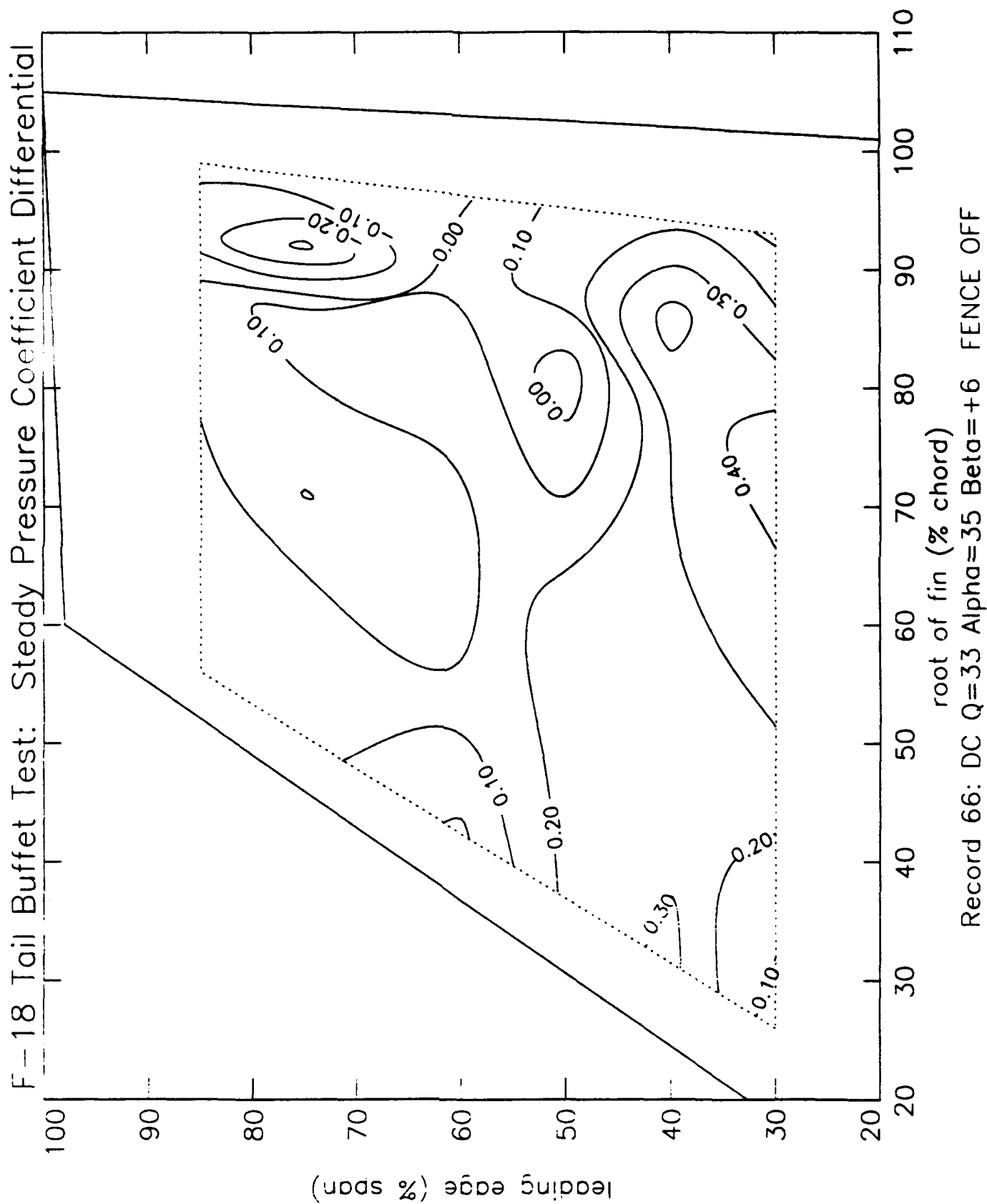
F-18 Tail Buffet Test: Steady Pressure Coefficient Differential



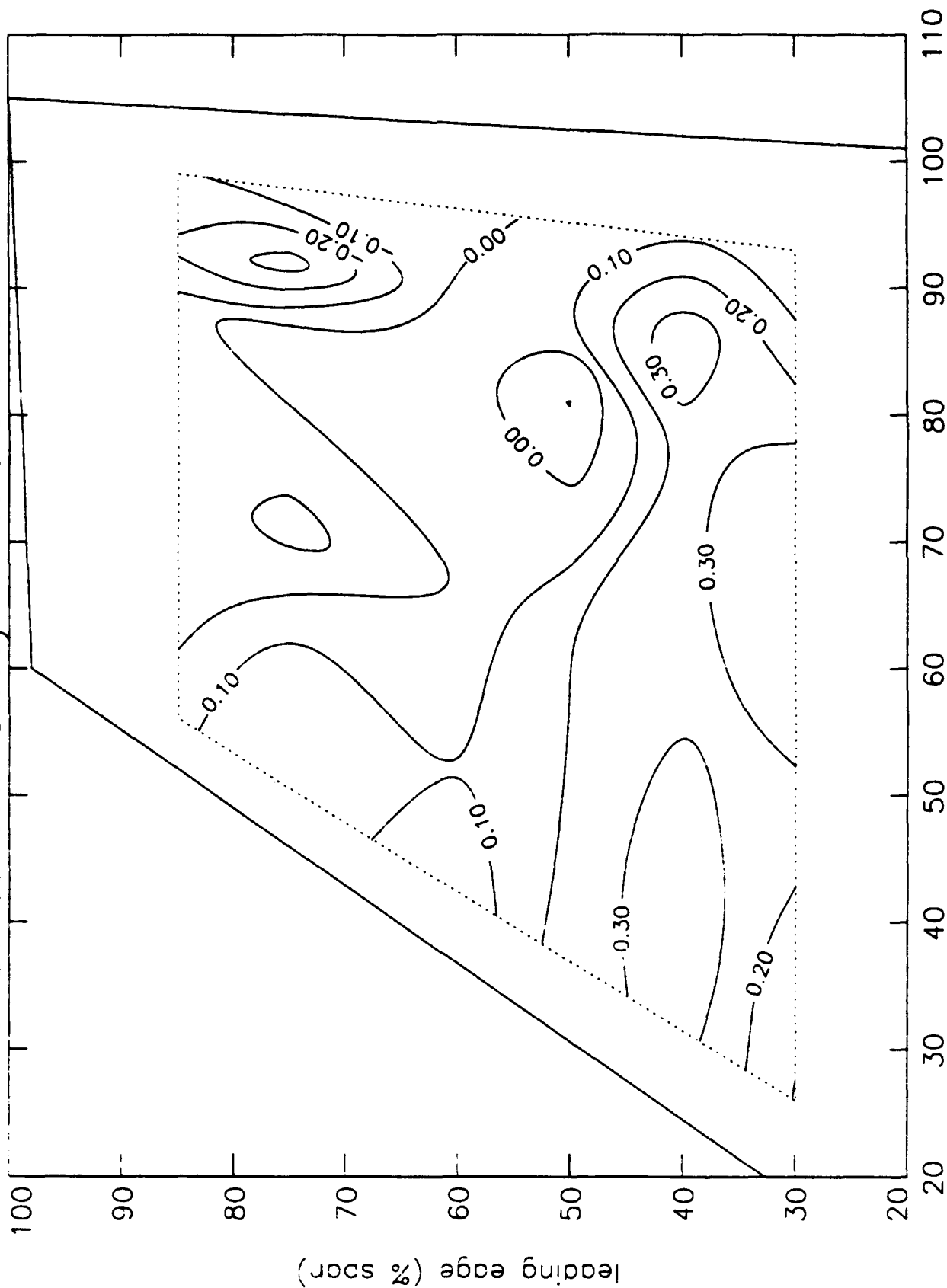
Record 71: DC Q=33 Alpha=35 Beta=0 FENCE OFF





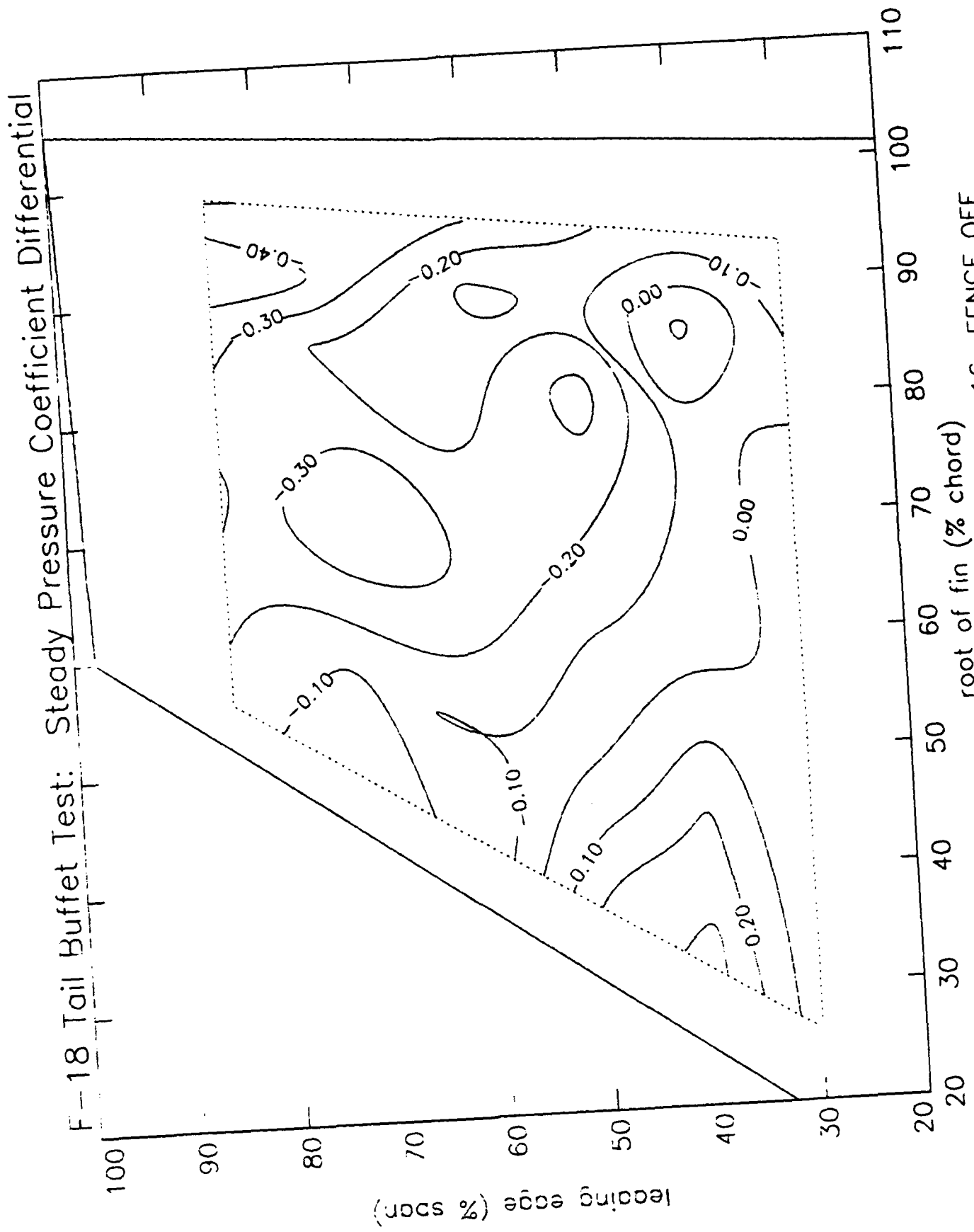


F-18 Tail Buffet Test: Steady Pressure Coefficient Differential

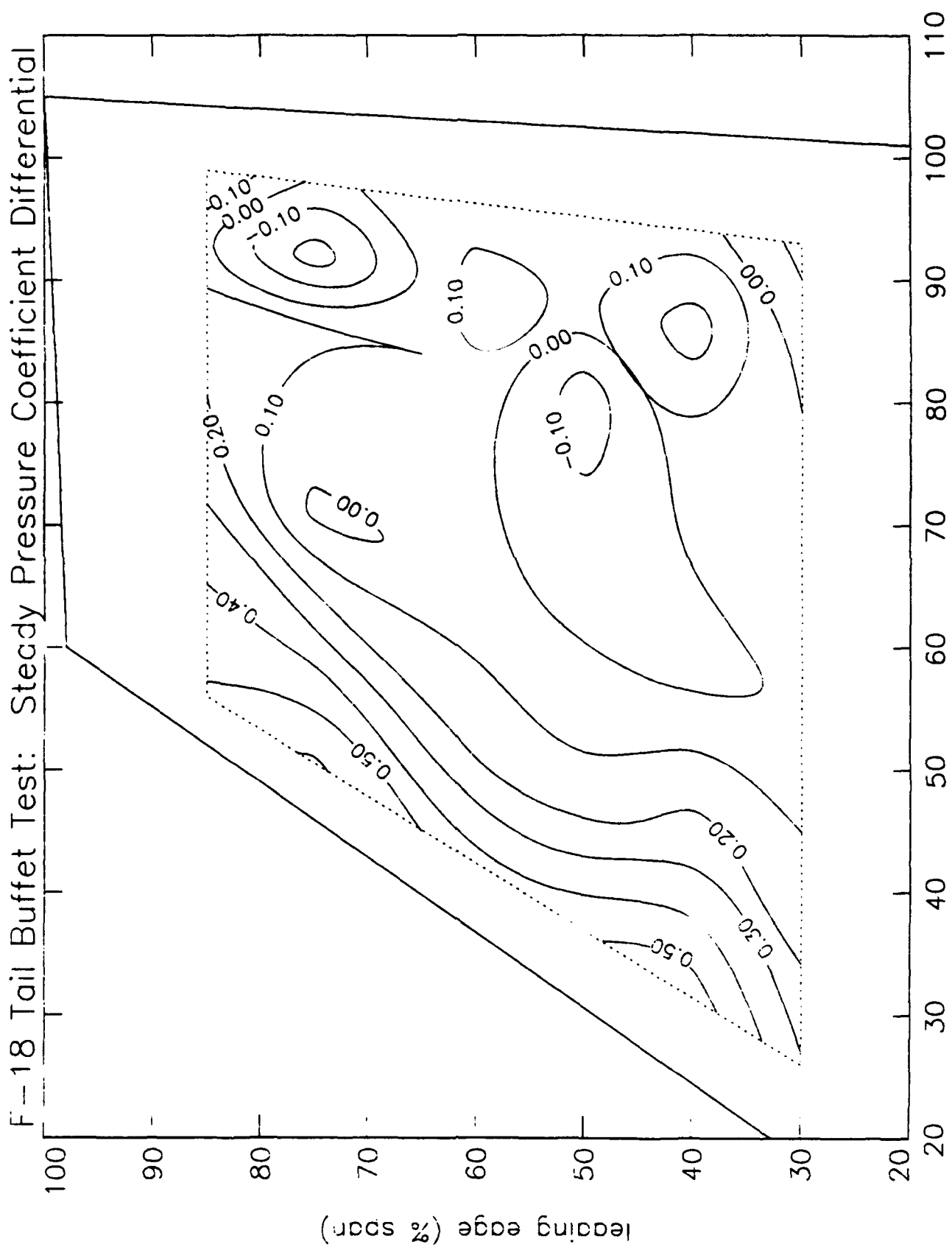


root of fin (% chord)

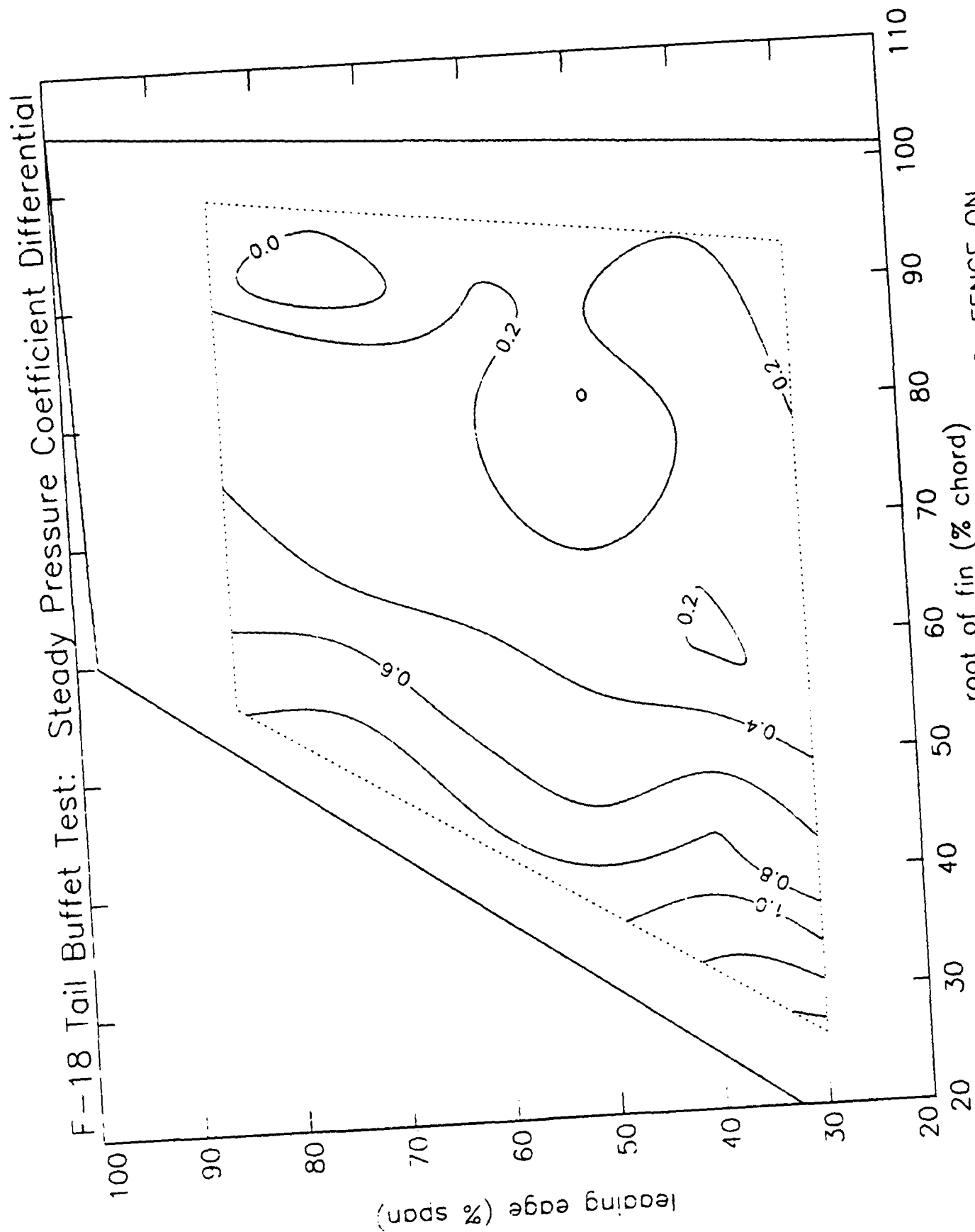
Record 63: DC Q=33 Alpha=35 Beta=+10 FENCE OFF



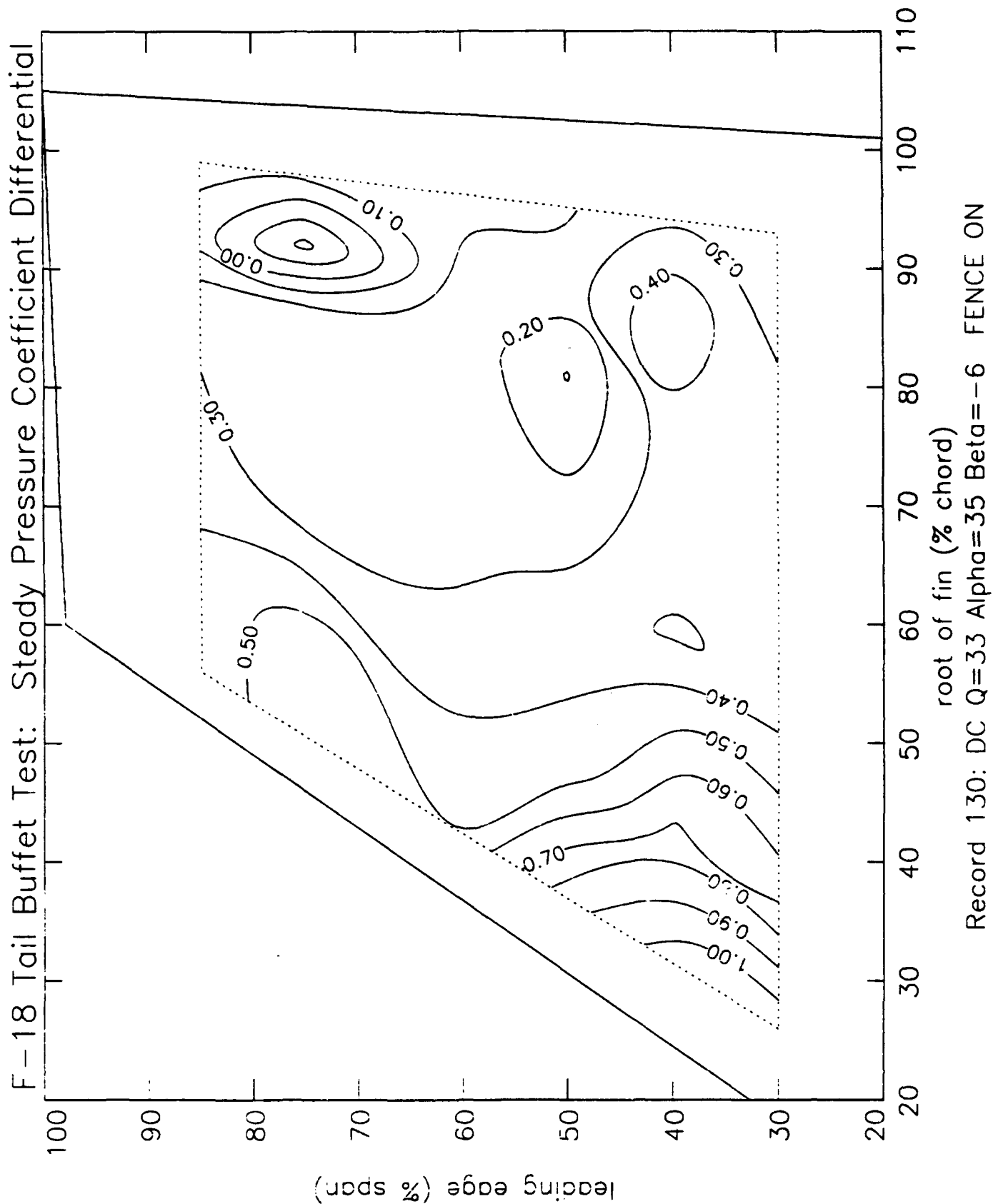
Record 61: DC Q=33 Alpha=35 Beta=+16 FENCE OFF



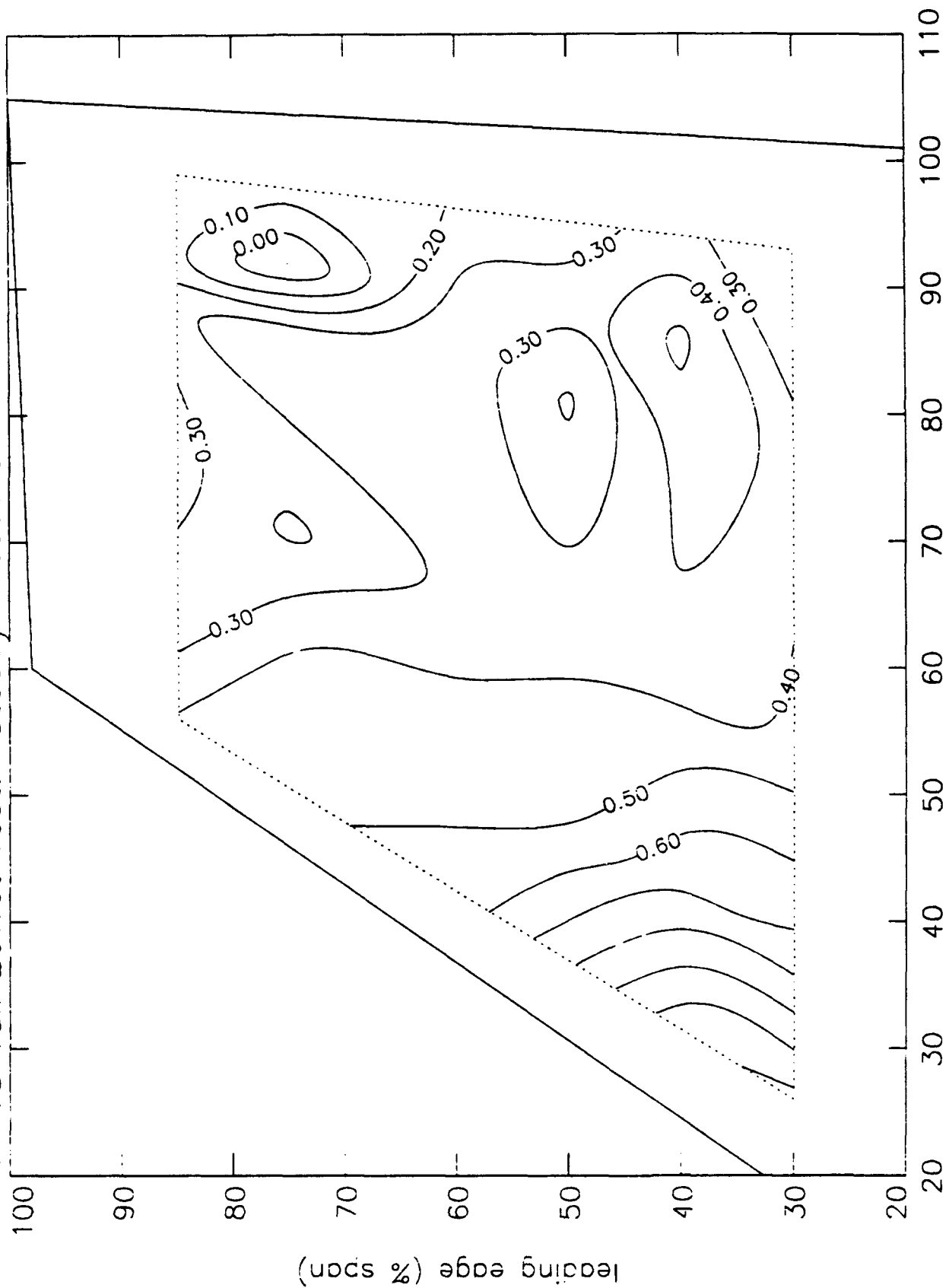
Record 134: DC Q=33 Alpha=35 Beta=-16 FENCE ON



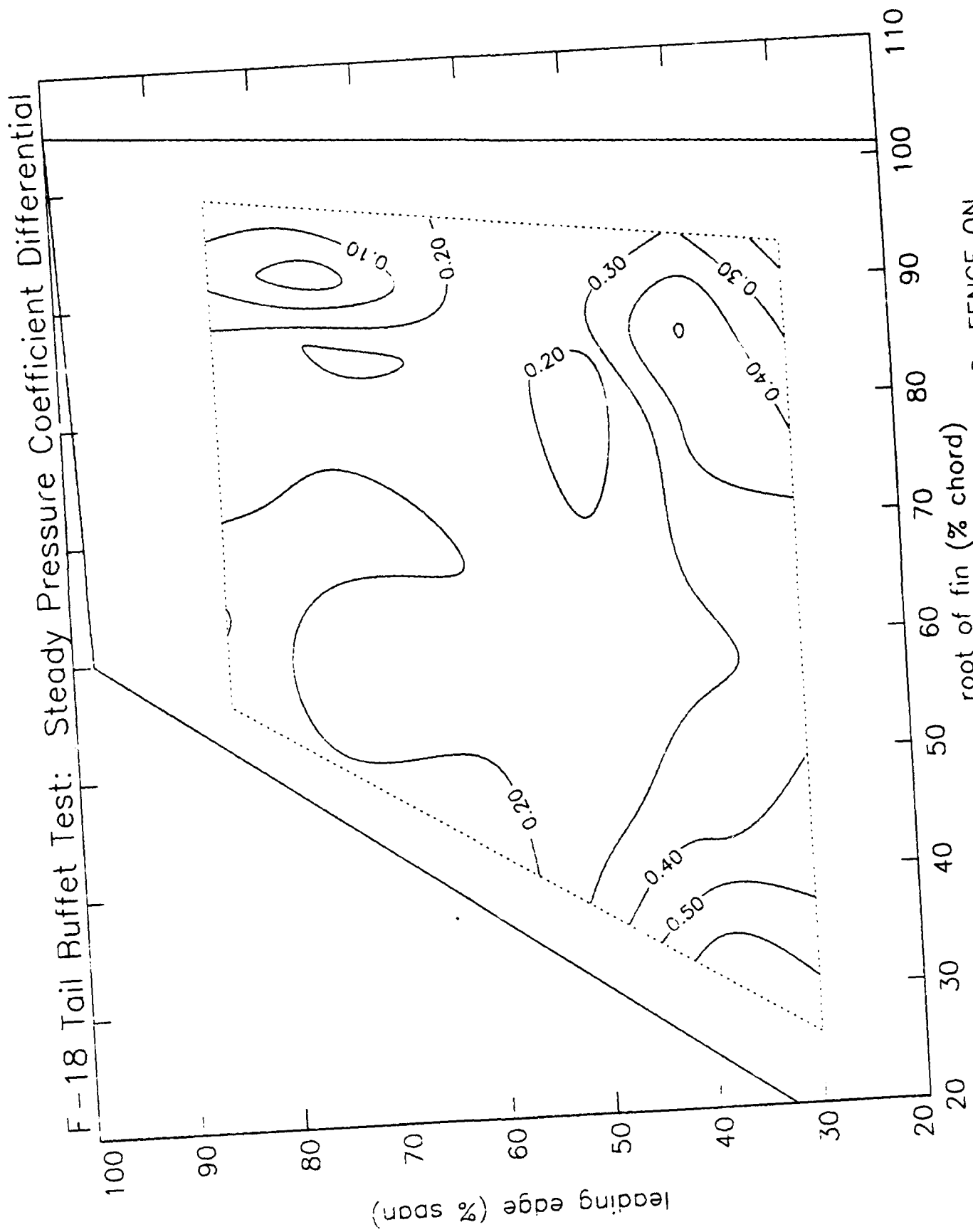
Record 132: DC Q=33 Alpha=35 Beta=-10 FENCE ON

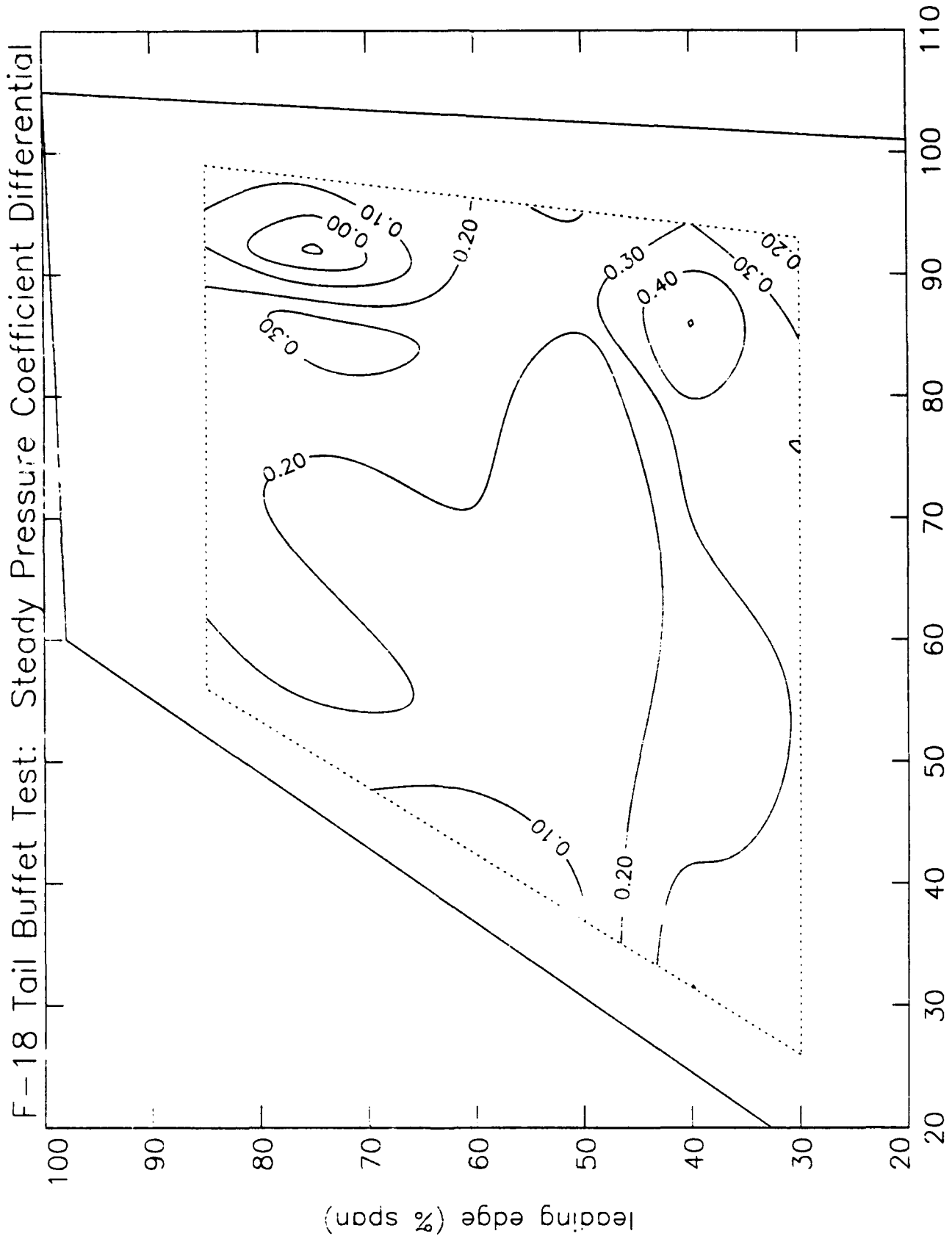


F-18 Tail Buffet Test: Steady Pressure Coefficient Differential

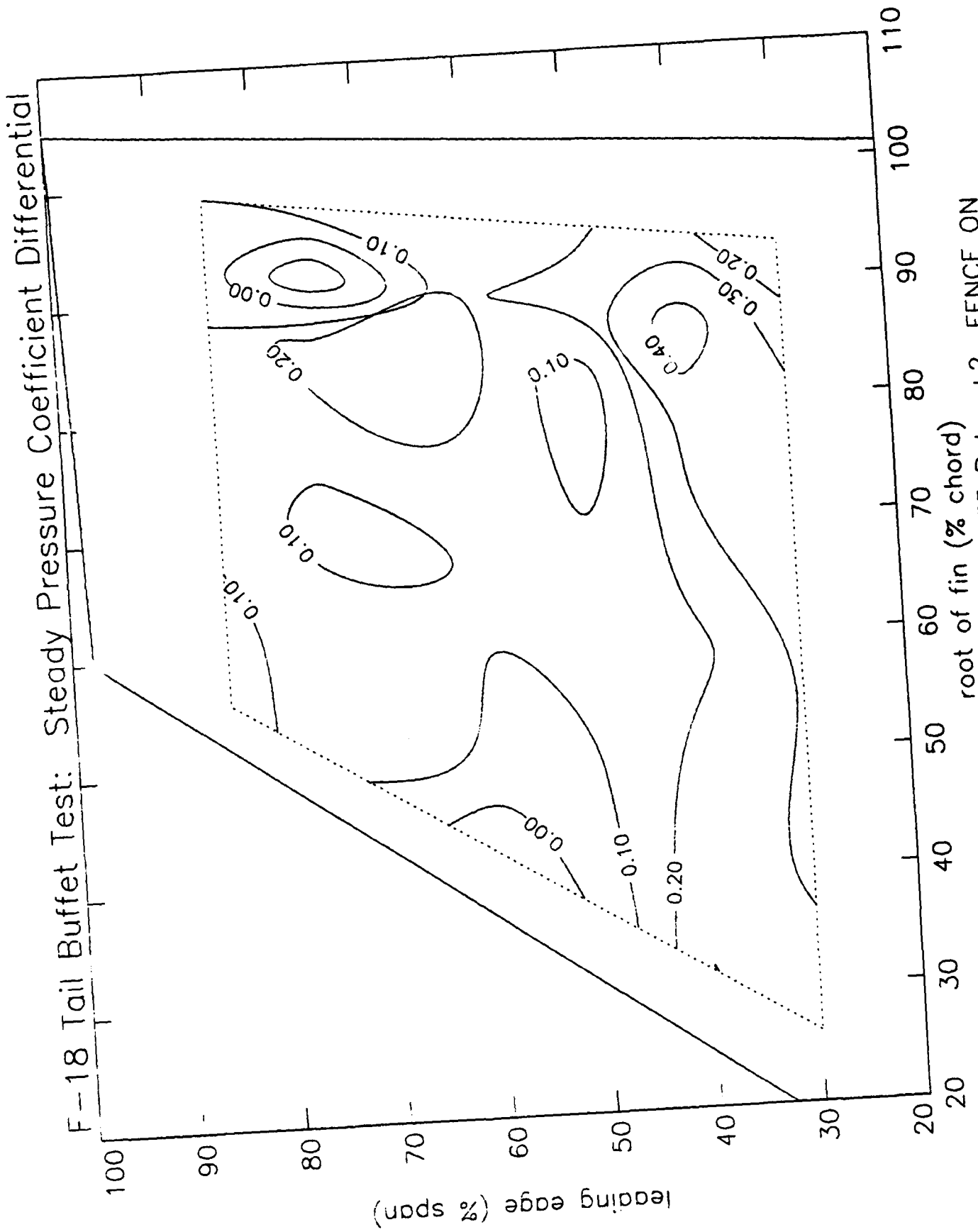


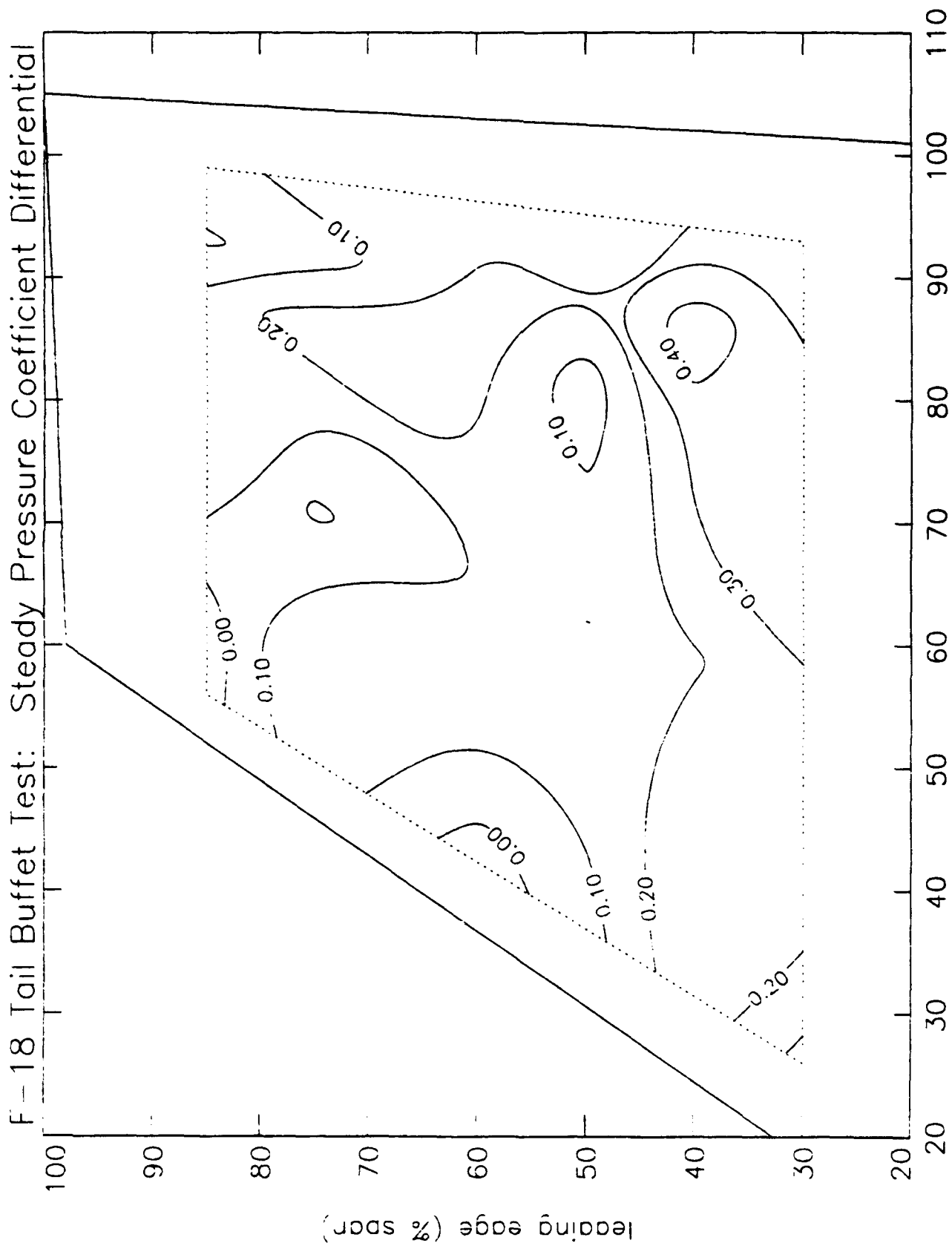
Record 128: DC Q=33 Alpha=35 Beta=-4 FENCE ON



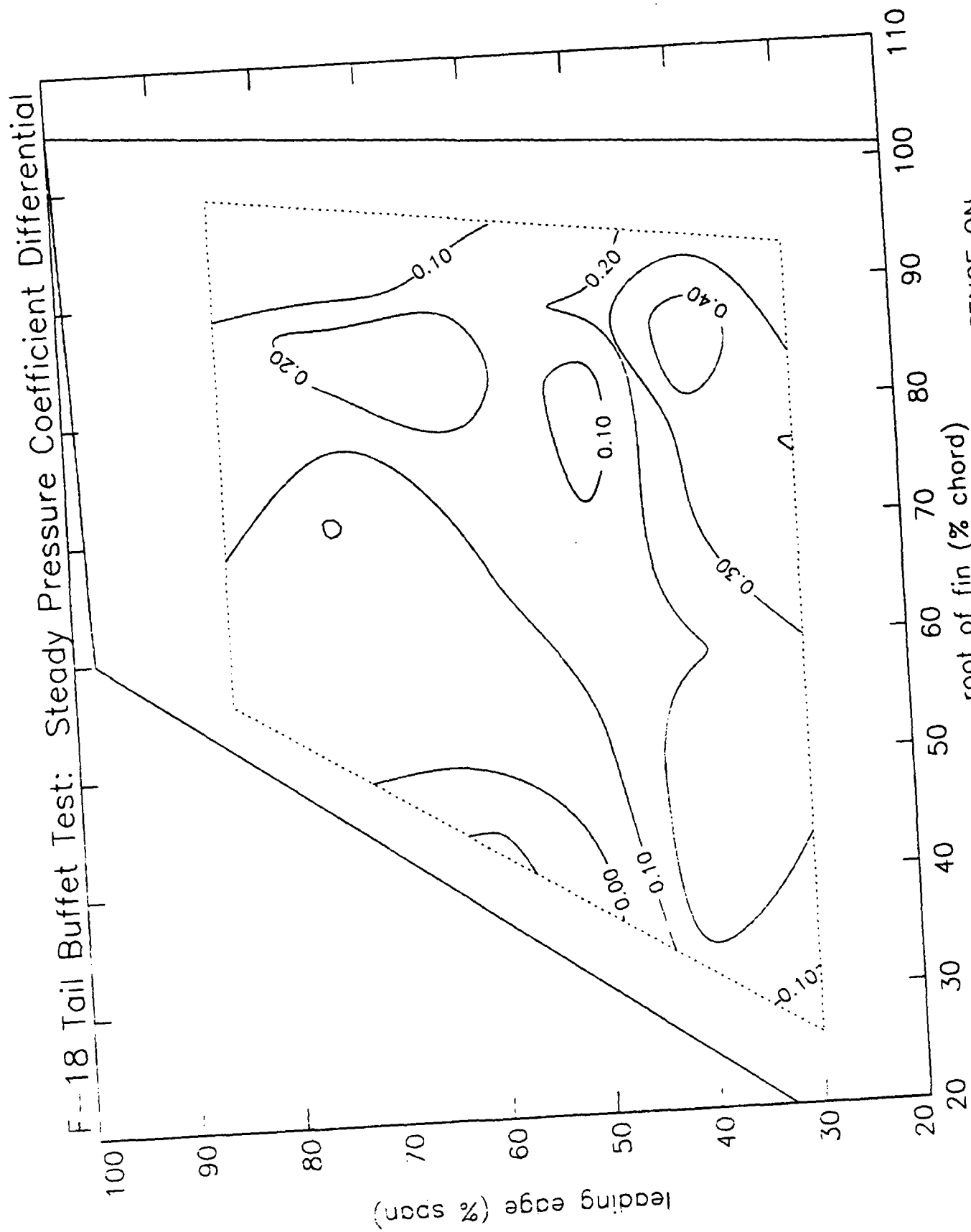


Record 124: DC: Q=33 Alpha=35 Beta=0 FENCE ON

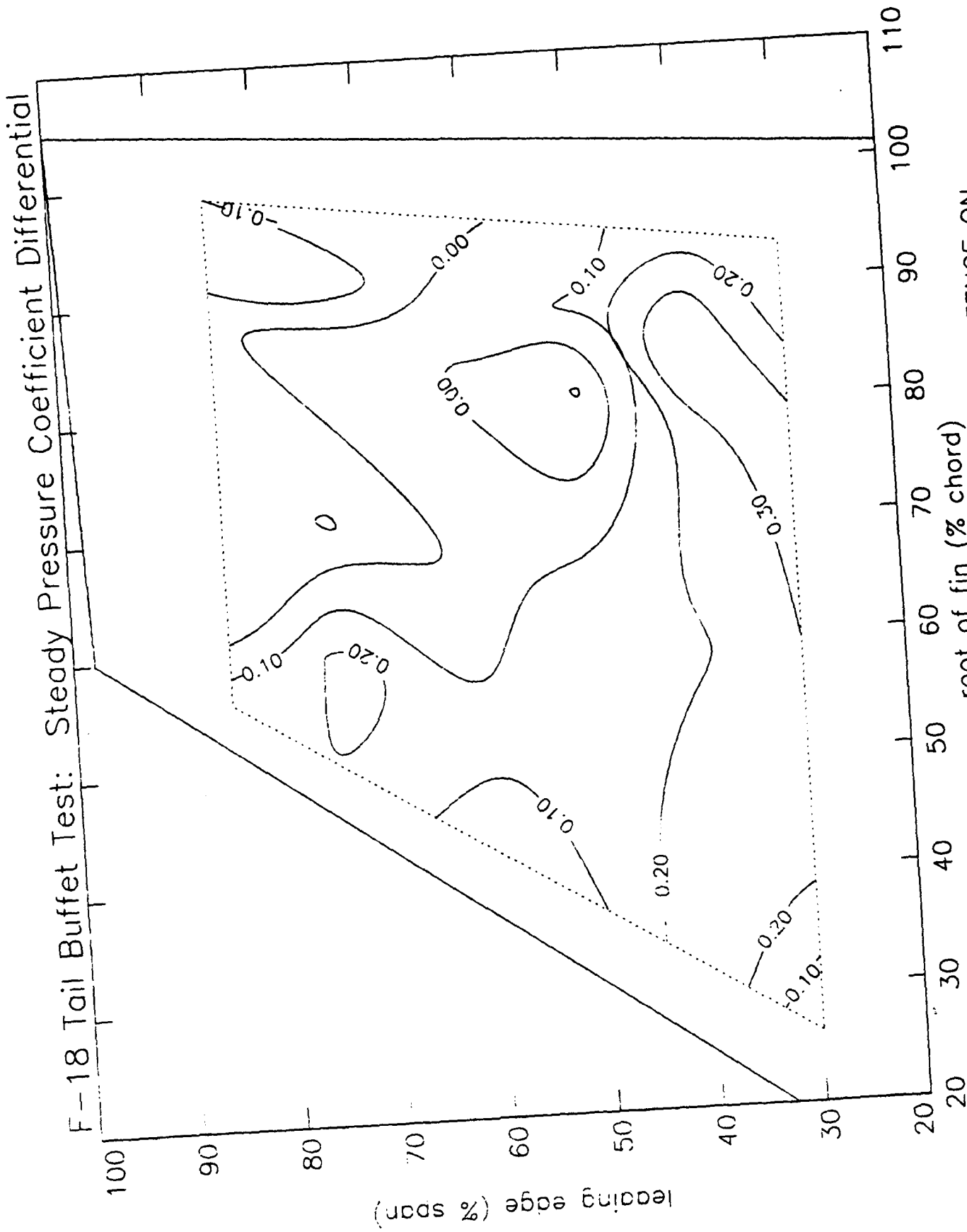




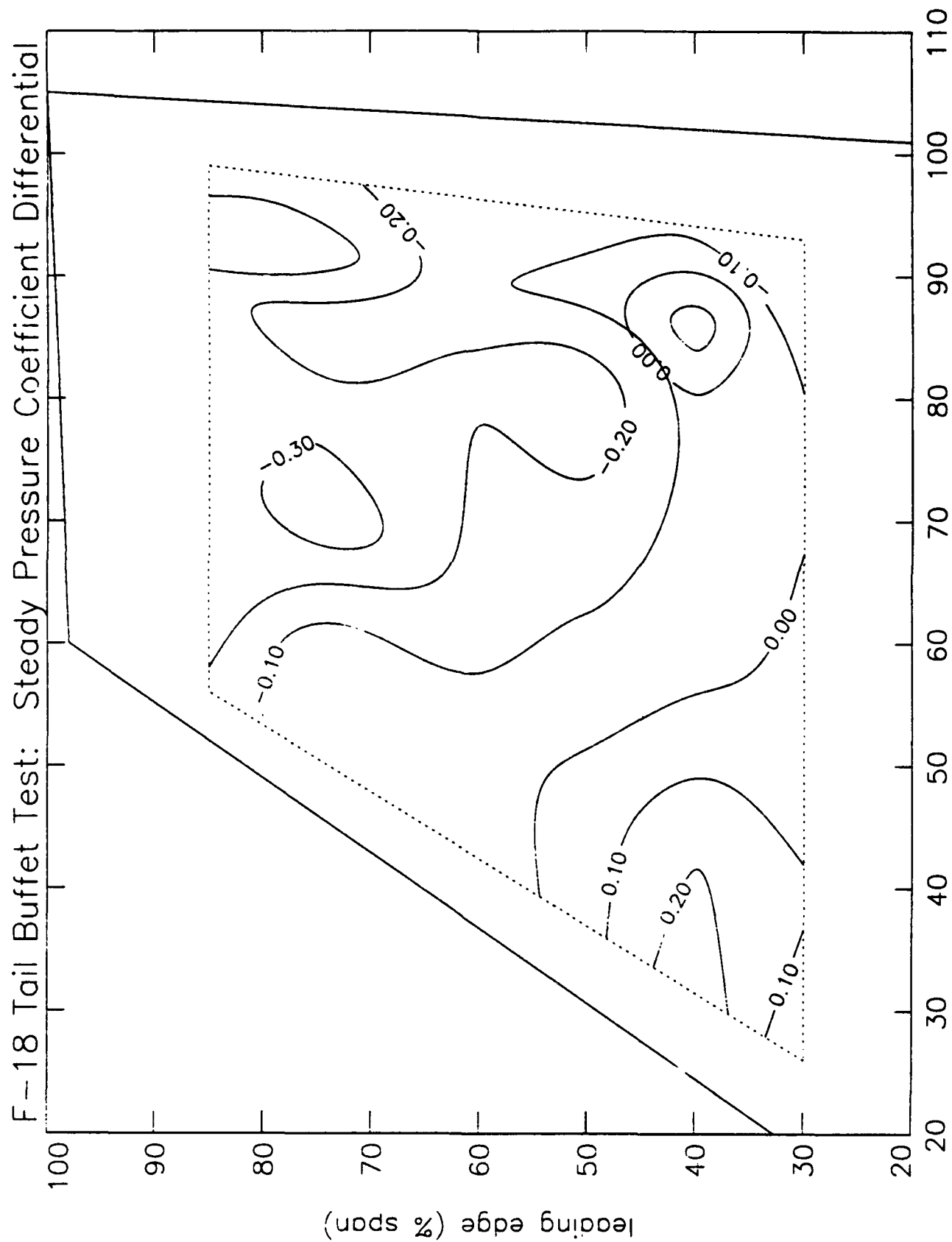
Record 120: DC Q=33 Alpha=35 Beta=+4 FENCE ON



Record 118: DC Q=33 Alpha=35 Beta=+6 FENCE ON



Record 116: DC Q=33 Alpha=35 Beta=+10 FENCE ON



Record 114: DC Q=33 Alpha=35 Beta=+16 FENCE ON

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**Root-Mean-Square Pressure Coefficient Differential
Surface Plots**

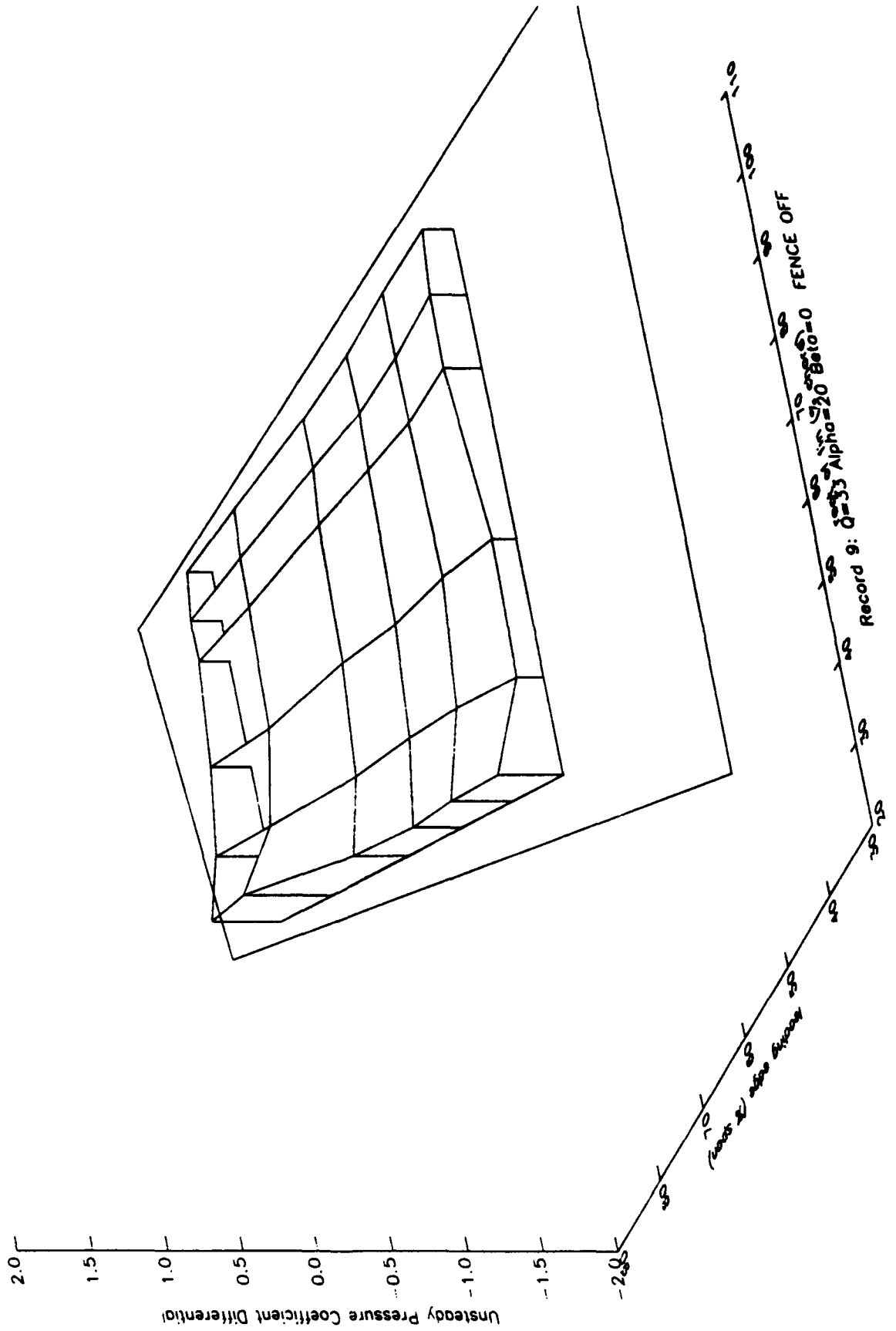
Angle-of-Attack Sweeps at $Q = 20$ and 33 psf

Angle-of-Attack: $20, 24, 26, 28, 30, 32, 36,$ and 40 deg at 33 psf
: 26 and 28 deg at 20 psf

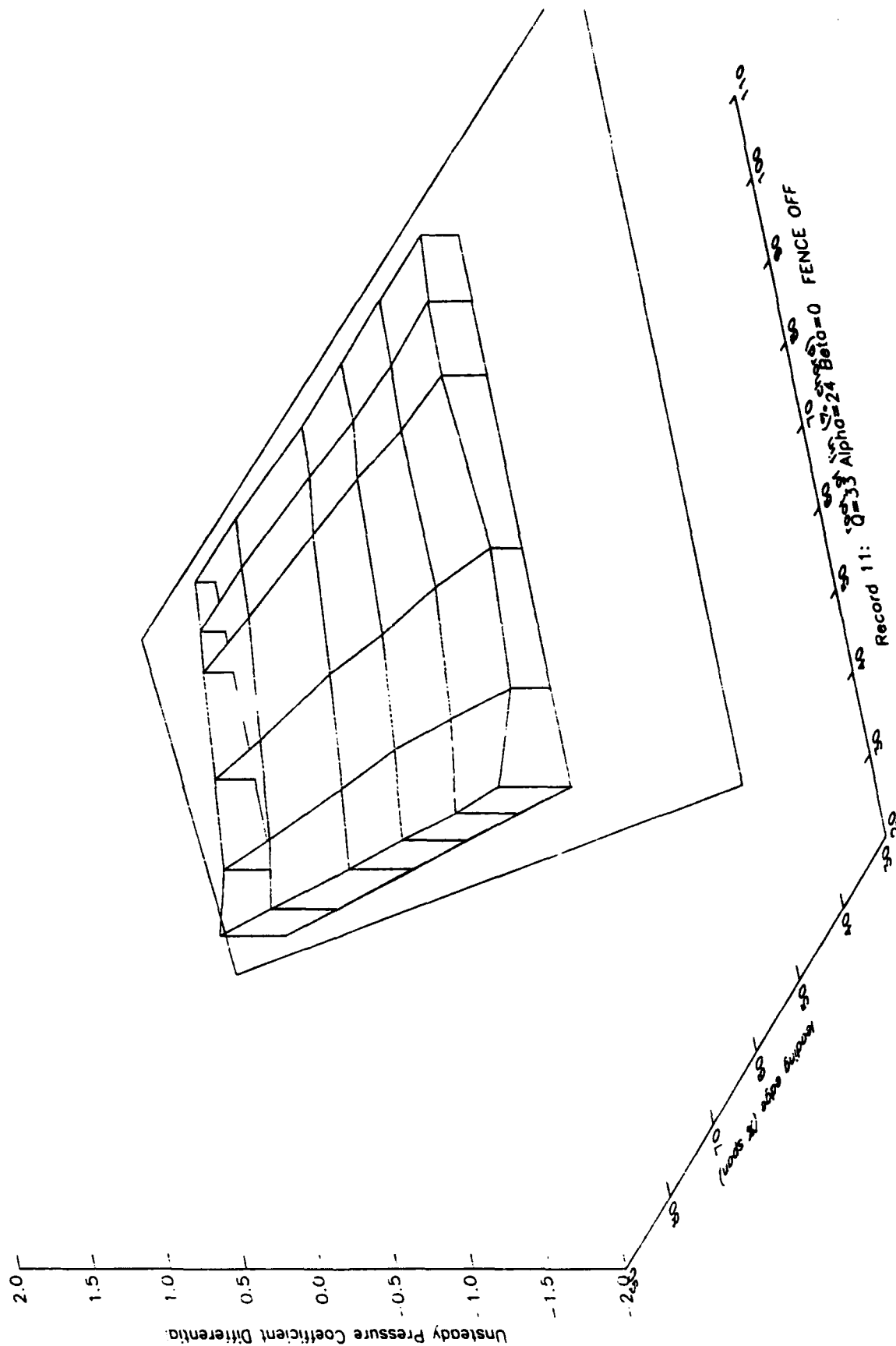
Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fin (% chord)."

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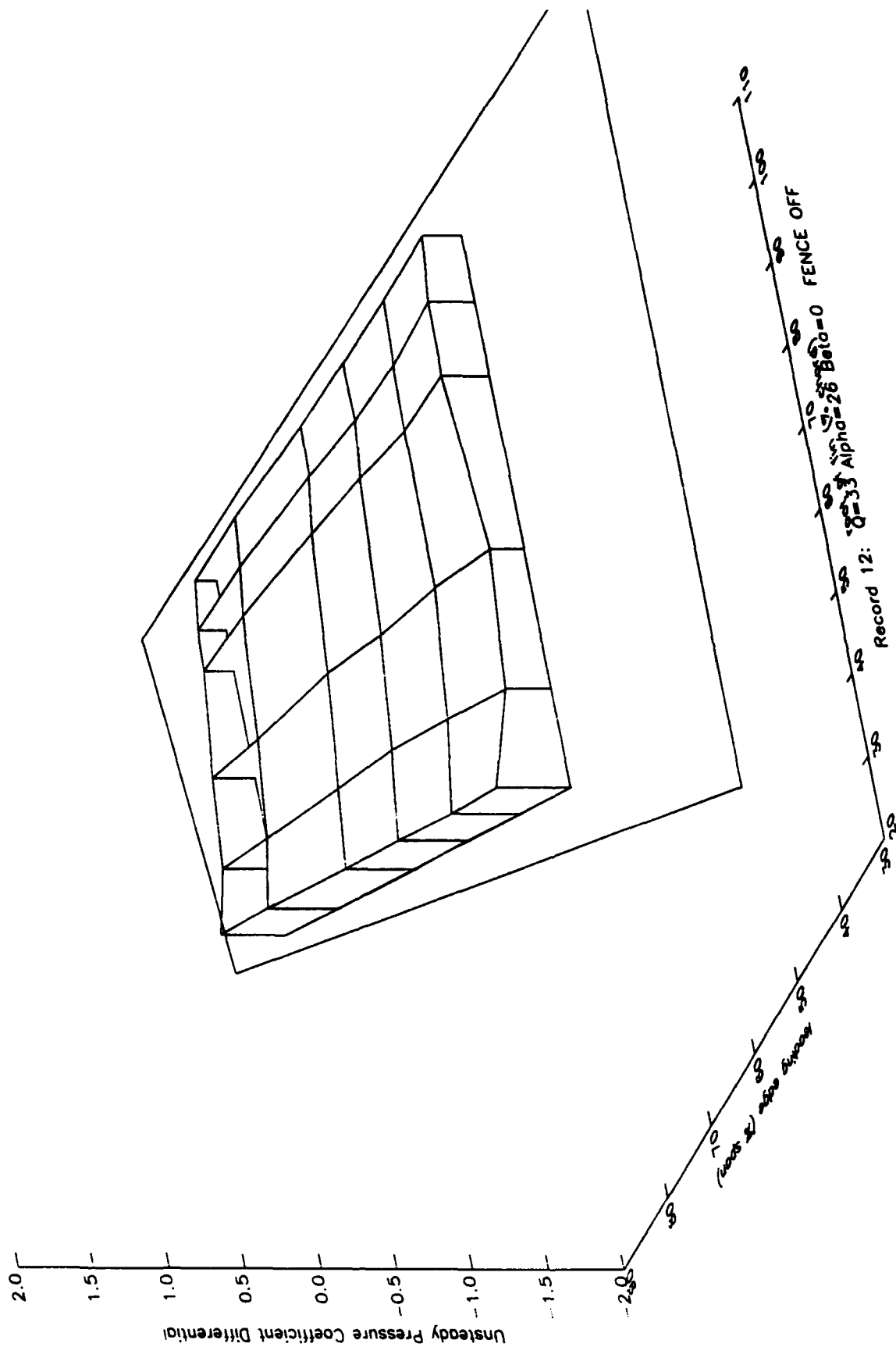
F-18 Tail Buffet Test



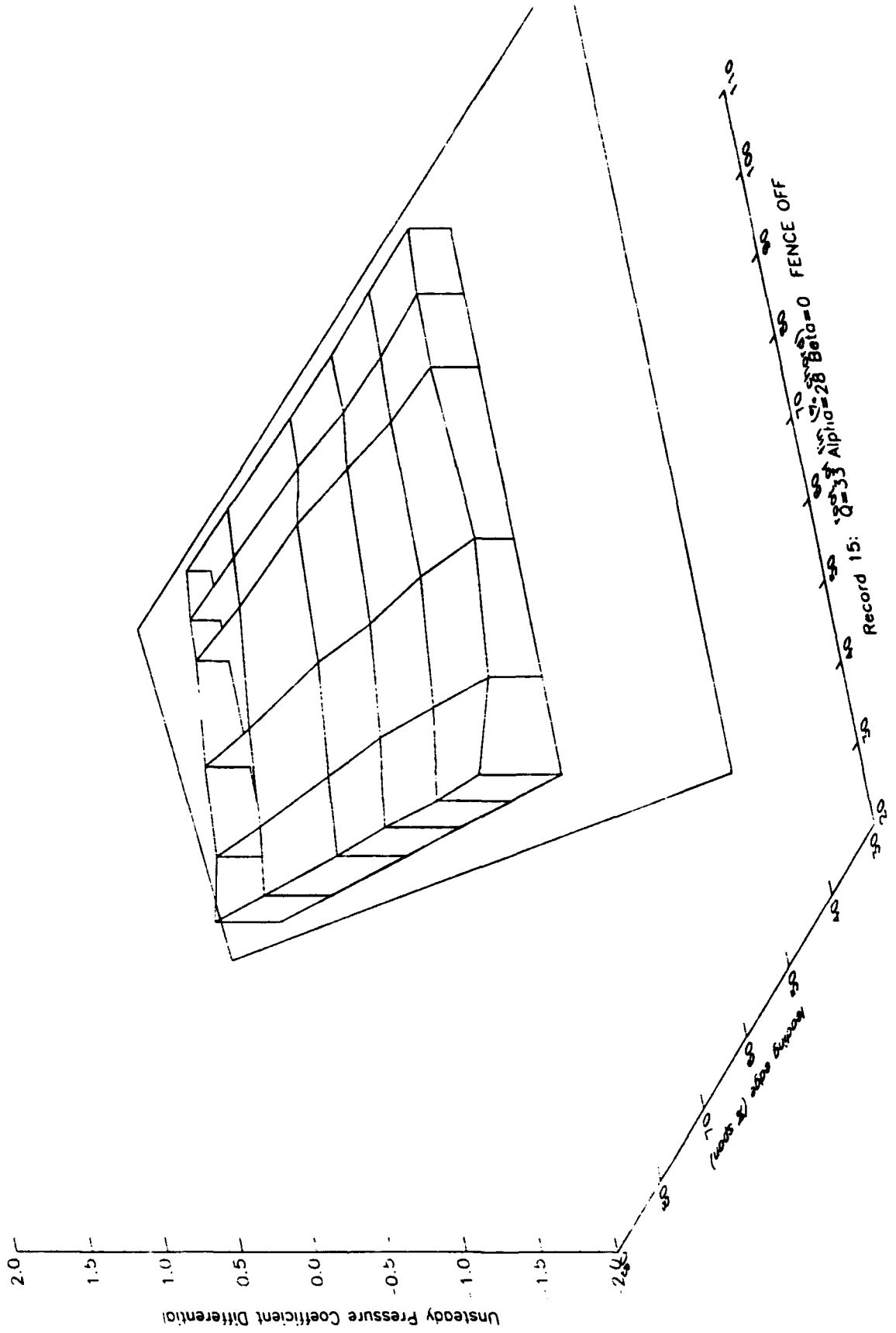
F-18 Tail Buffet Test



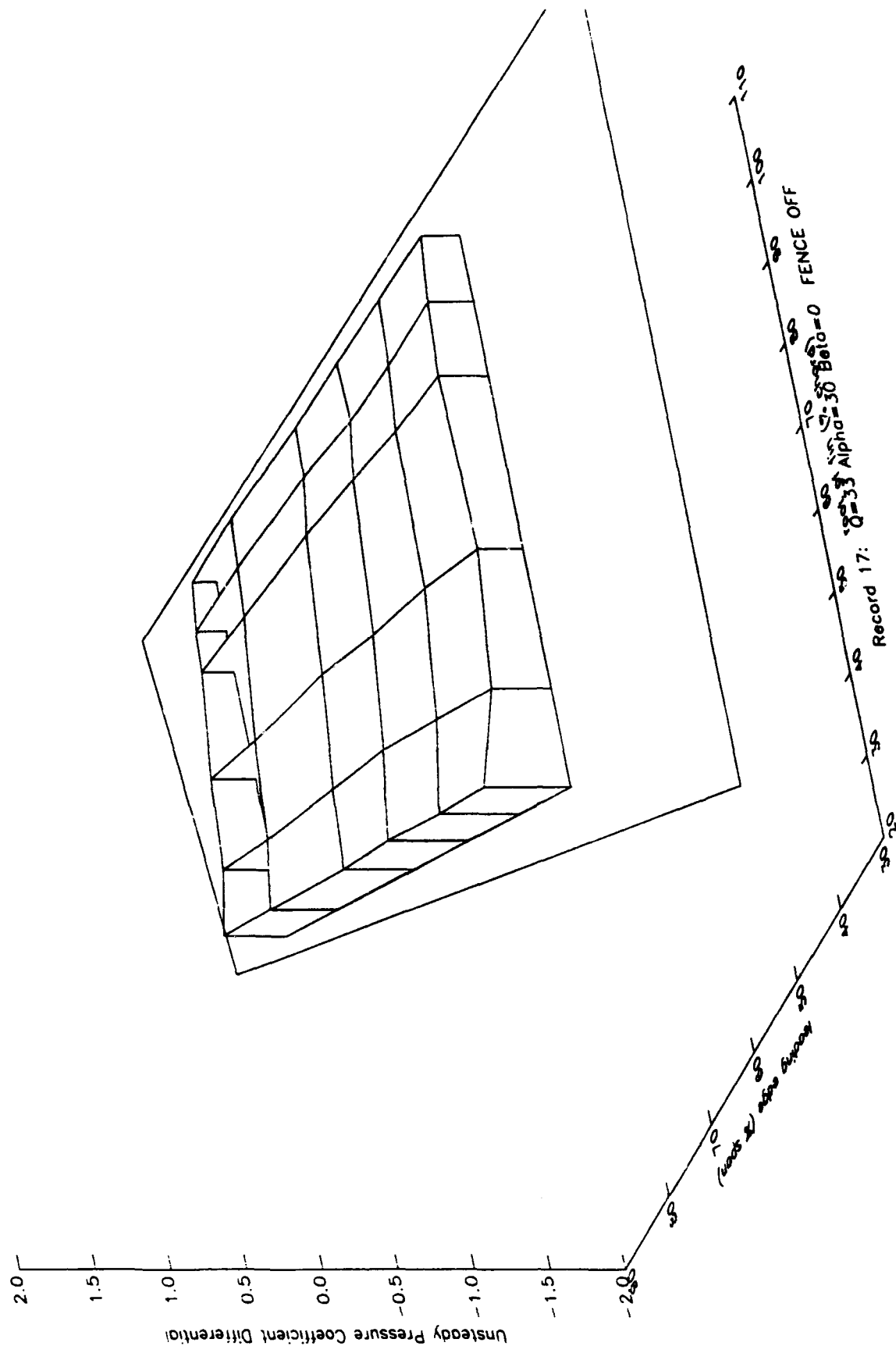
F-18 Tail Buffet Test



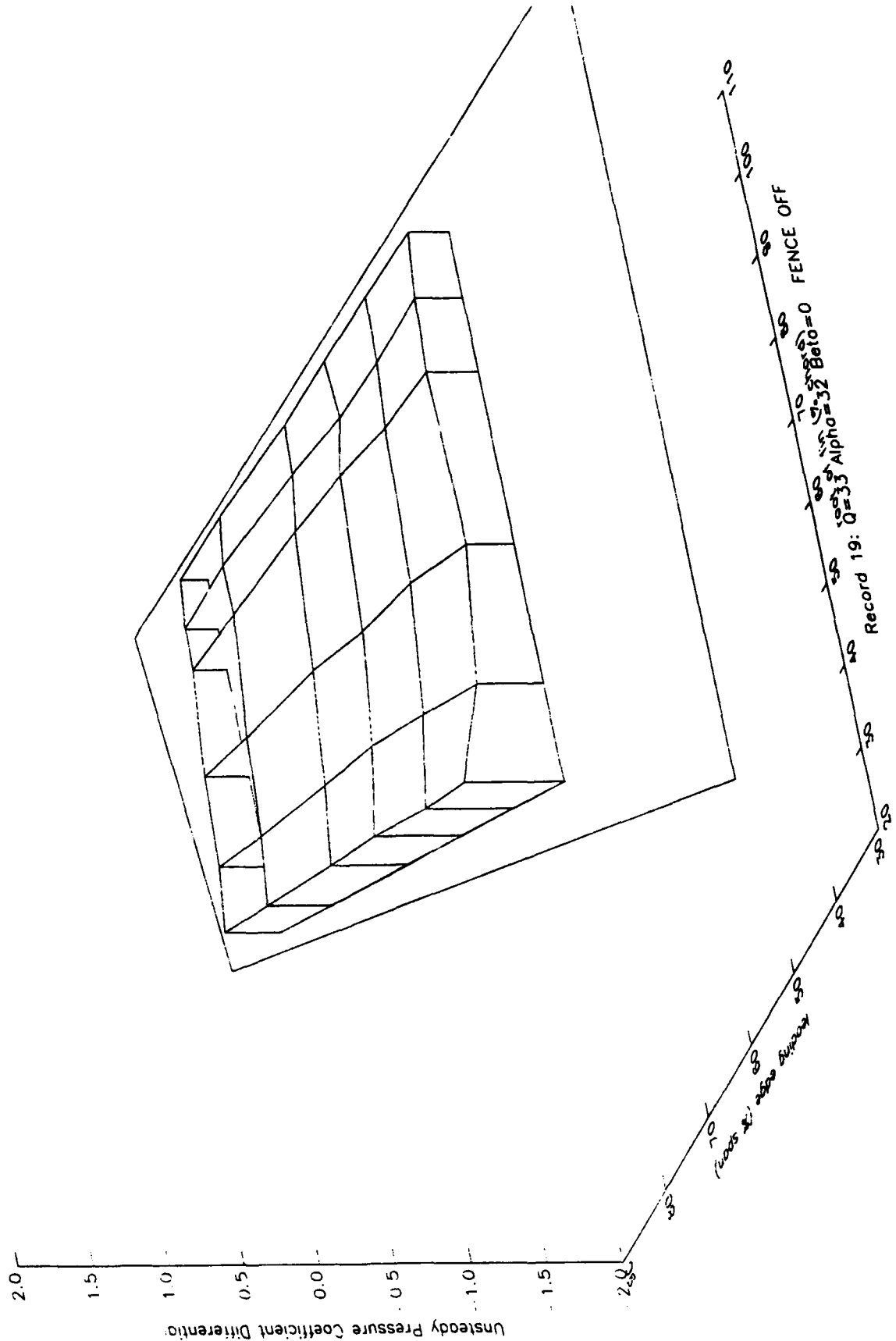
F-18 Tail Buffet Test



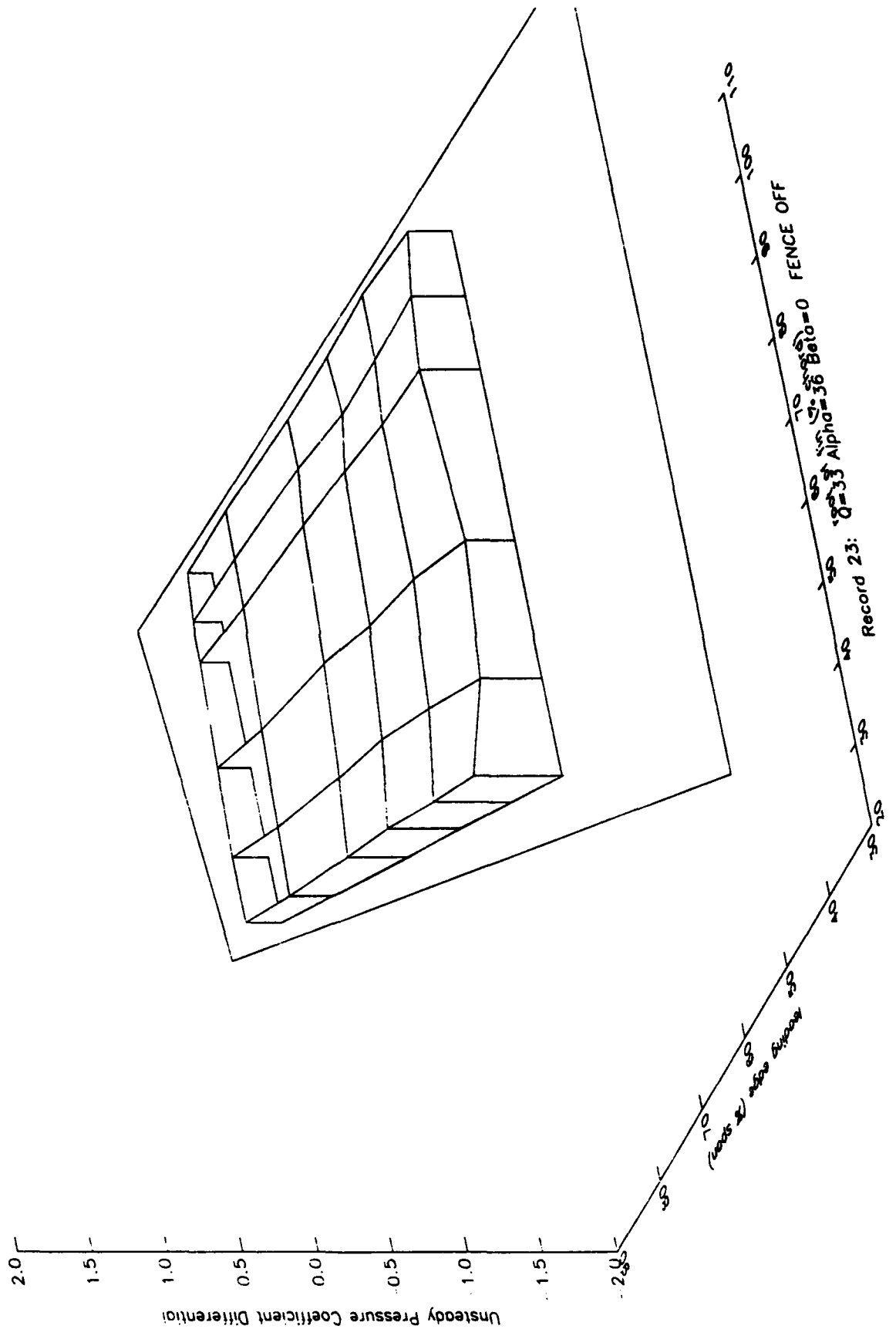
F-18 Tail Buffet Test



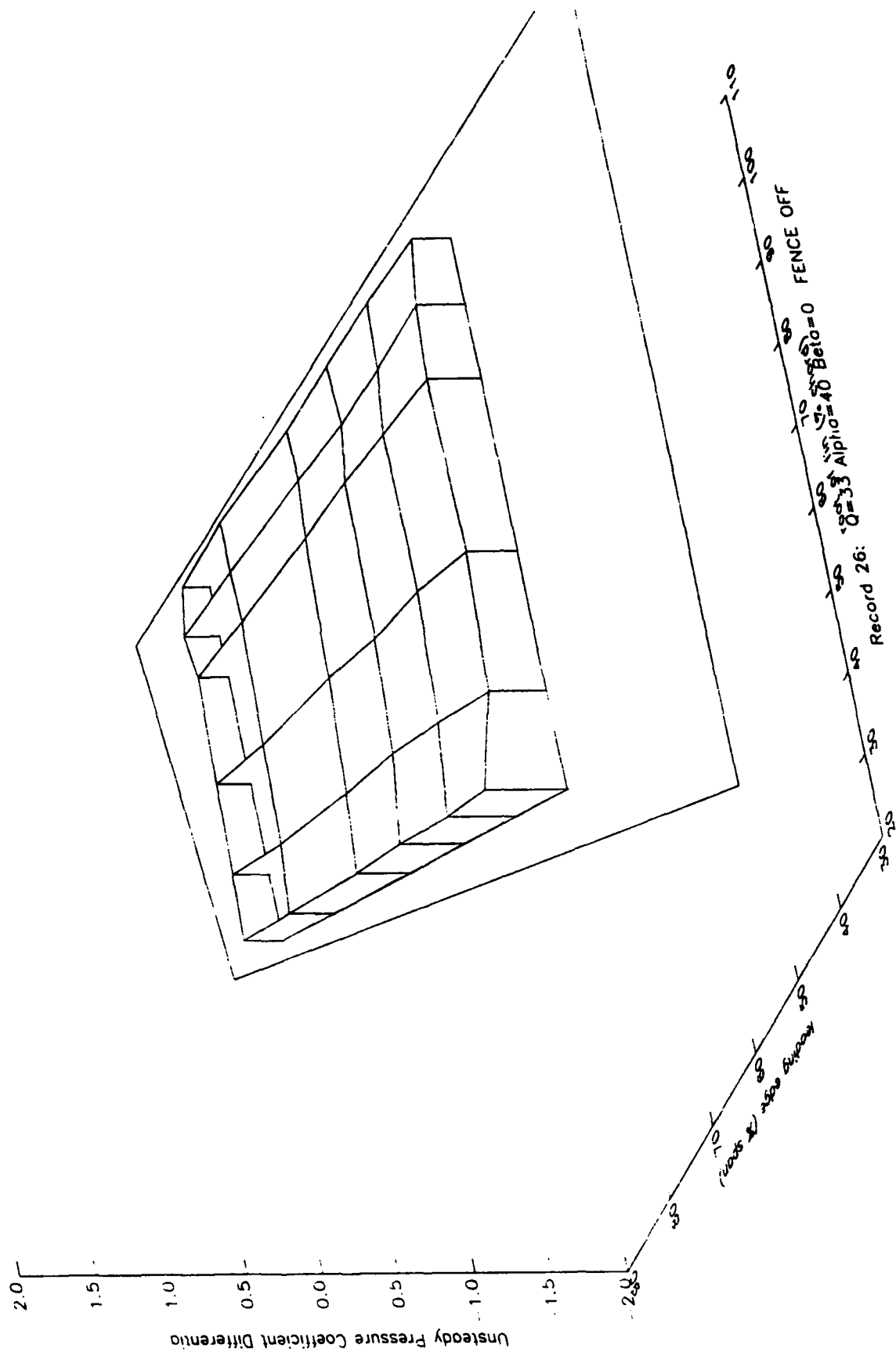
1-18 Tail Buffet Test



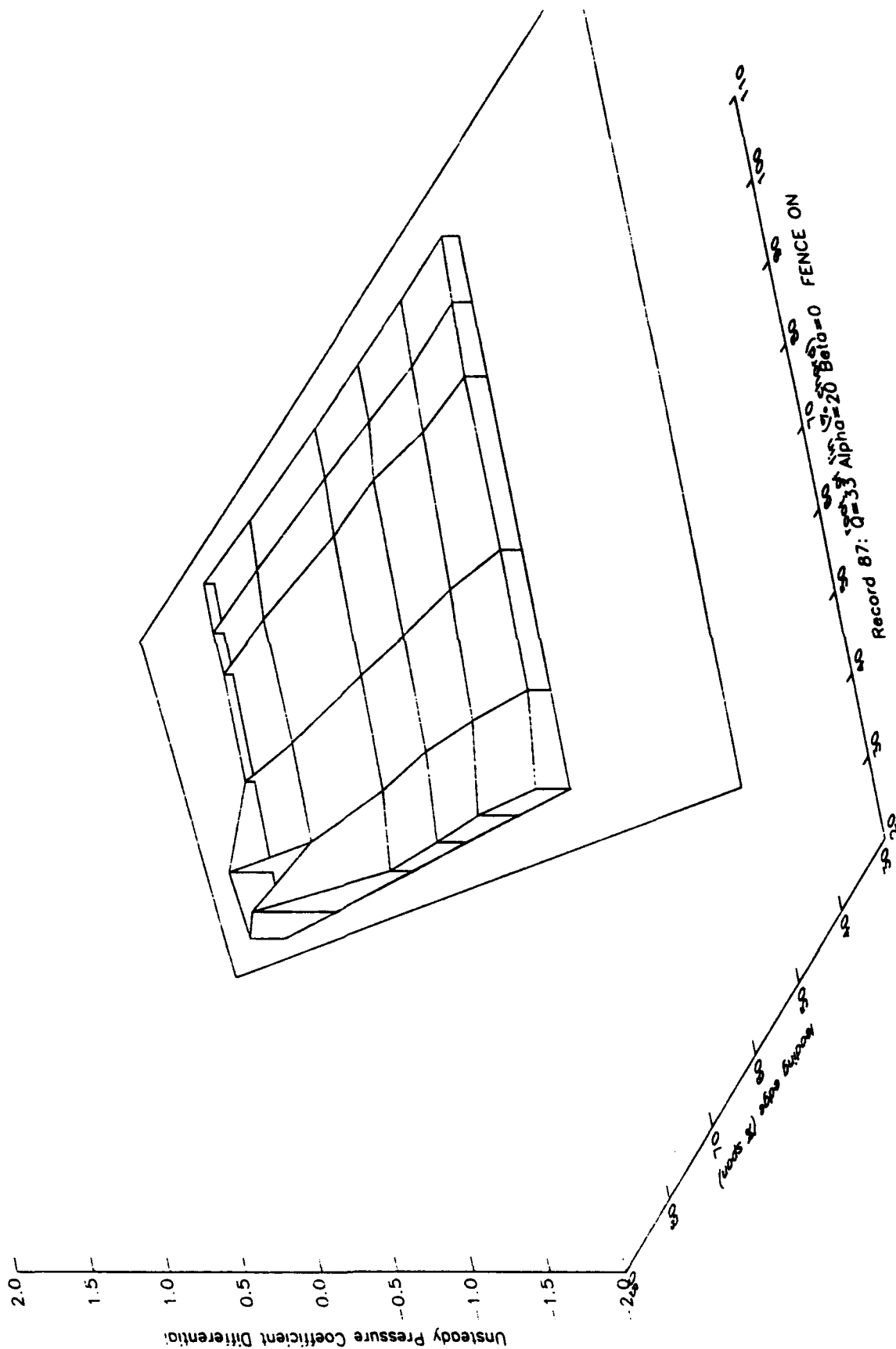
F-18 Tail Buffet Test



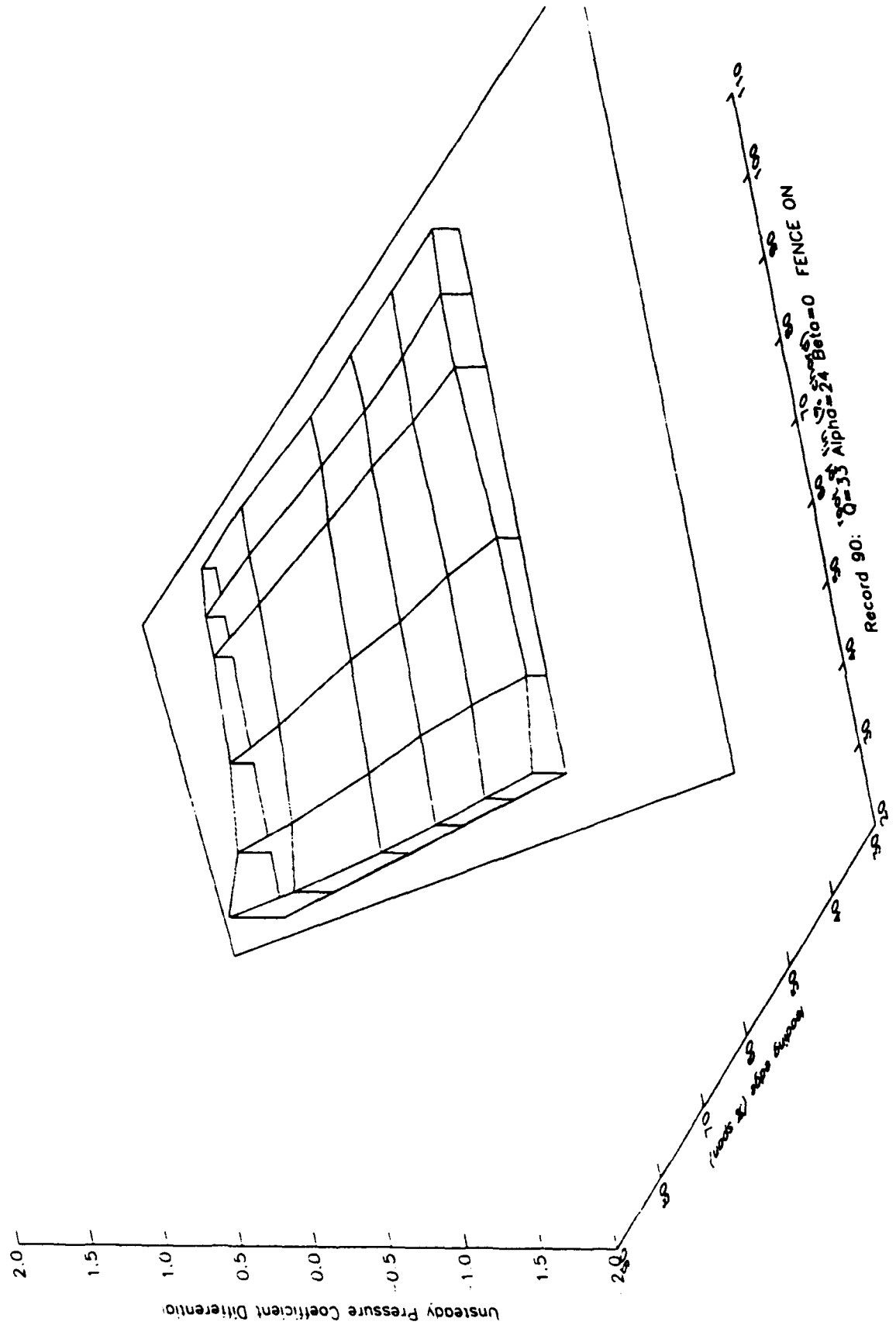
F-18 Tail Buffet Test



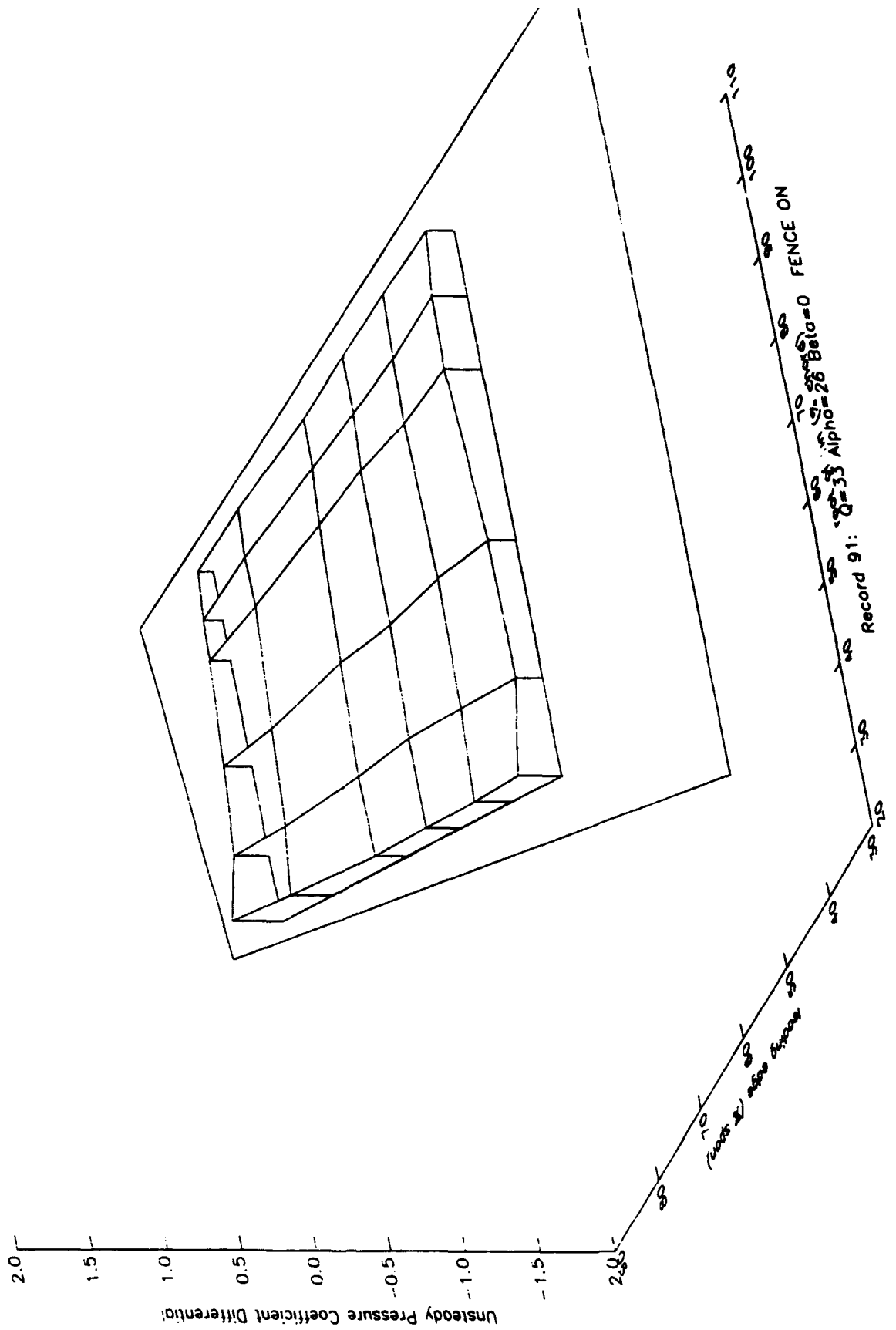
F-18 Tail Buffet Test



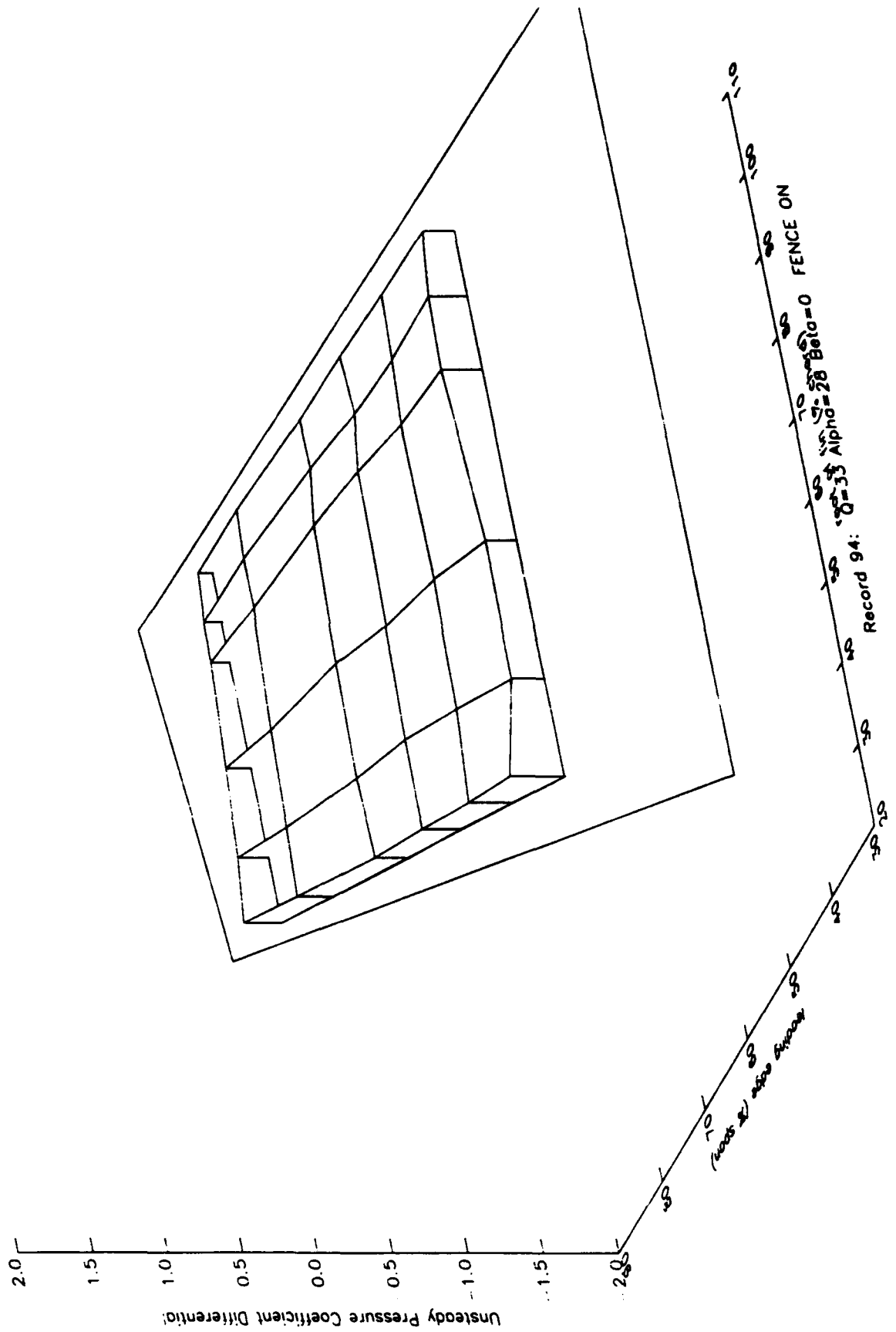
F-18 Tail Buffet Test



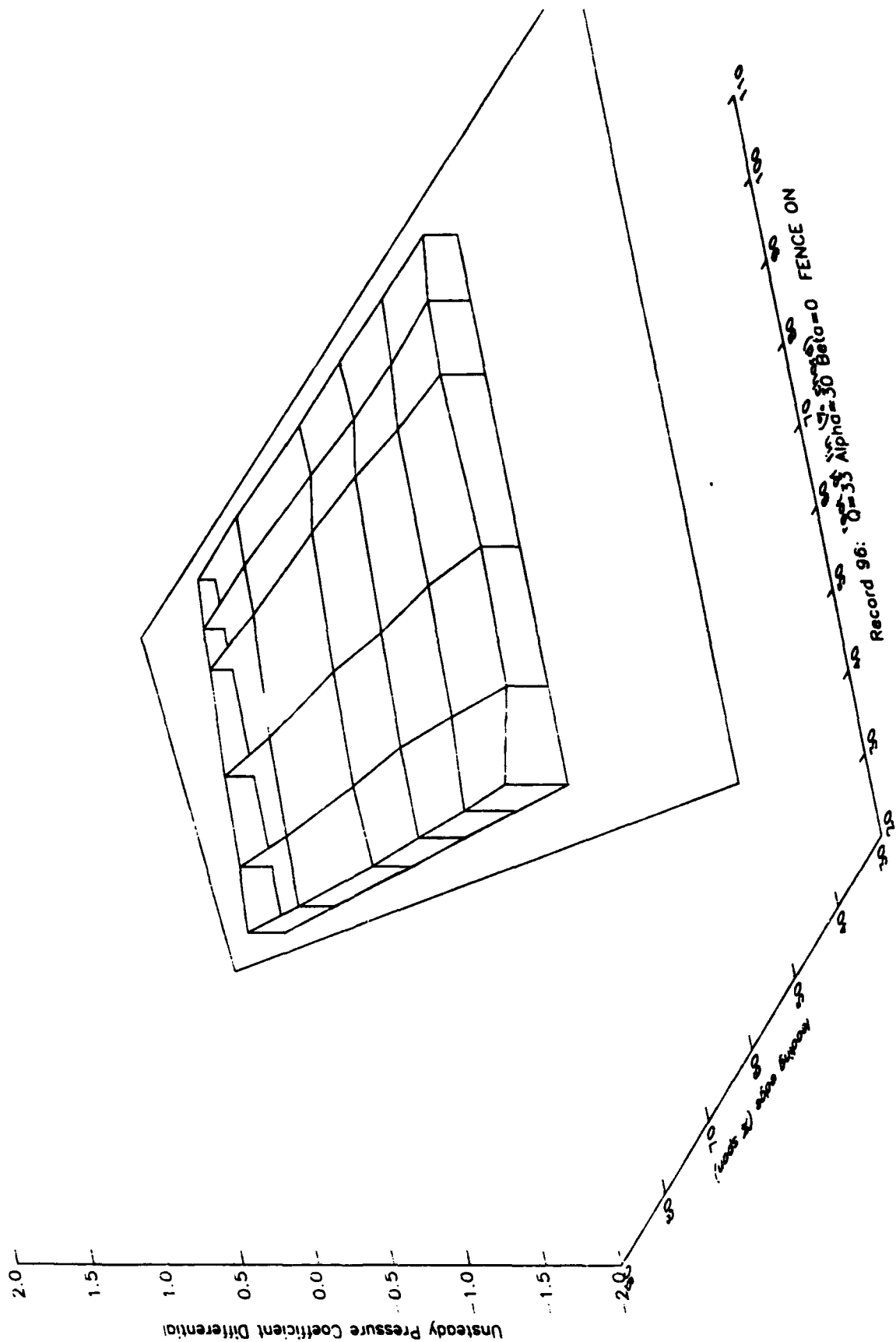
F-18 Tail Buffet Test



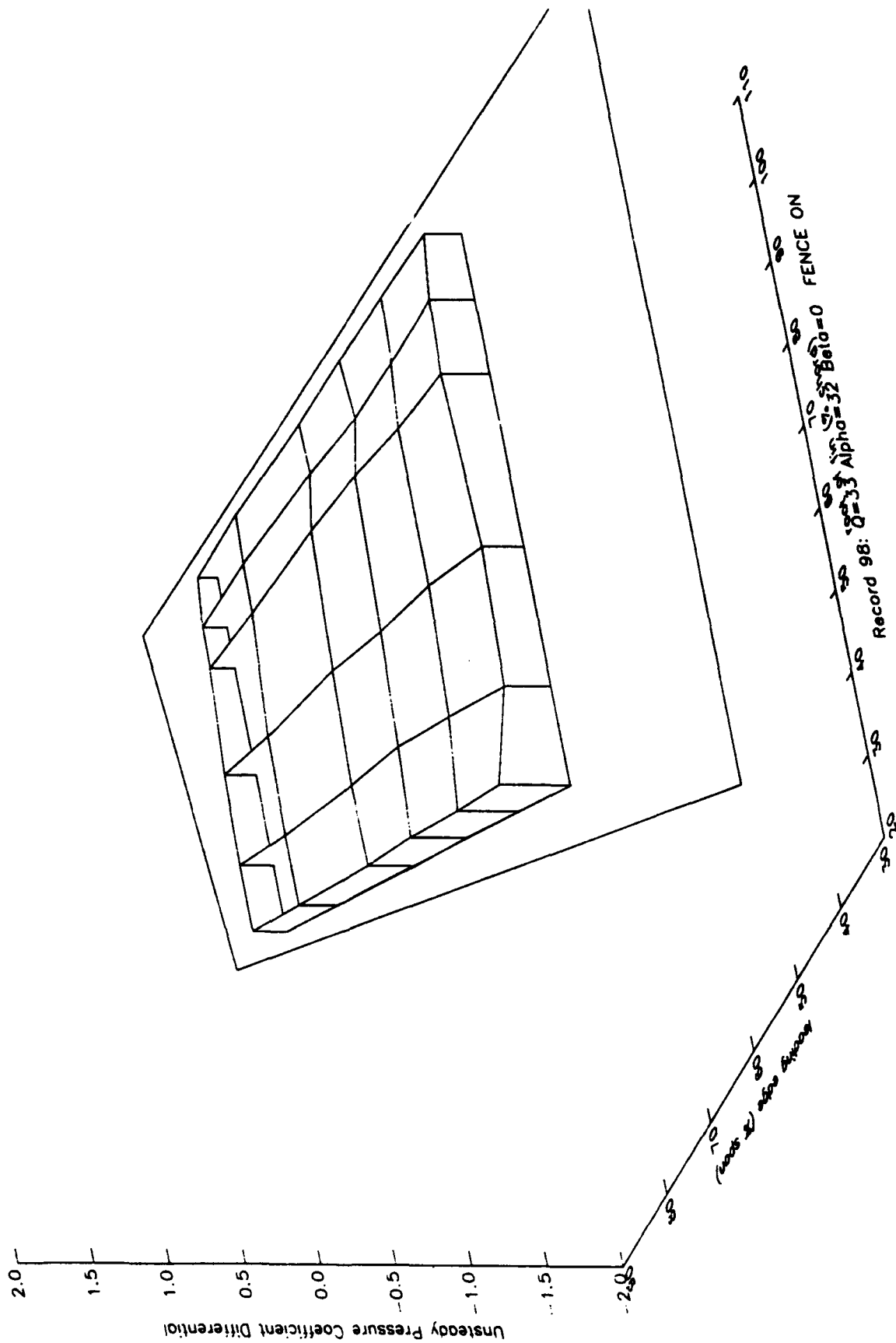
f-18 Tail Buffet Test



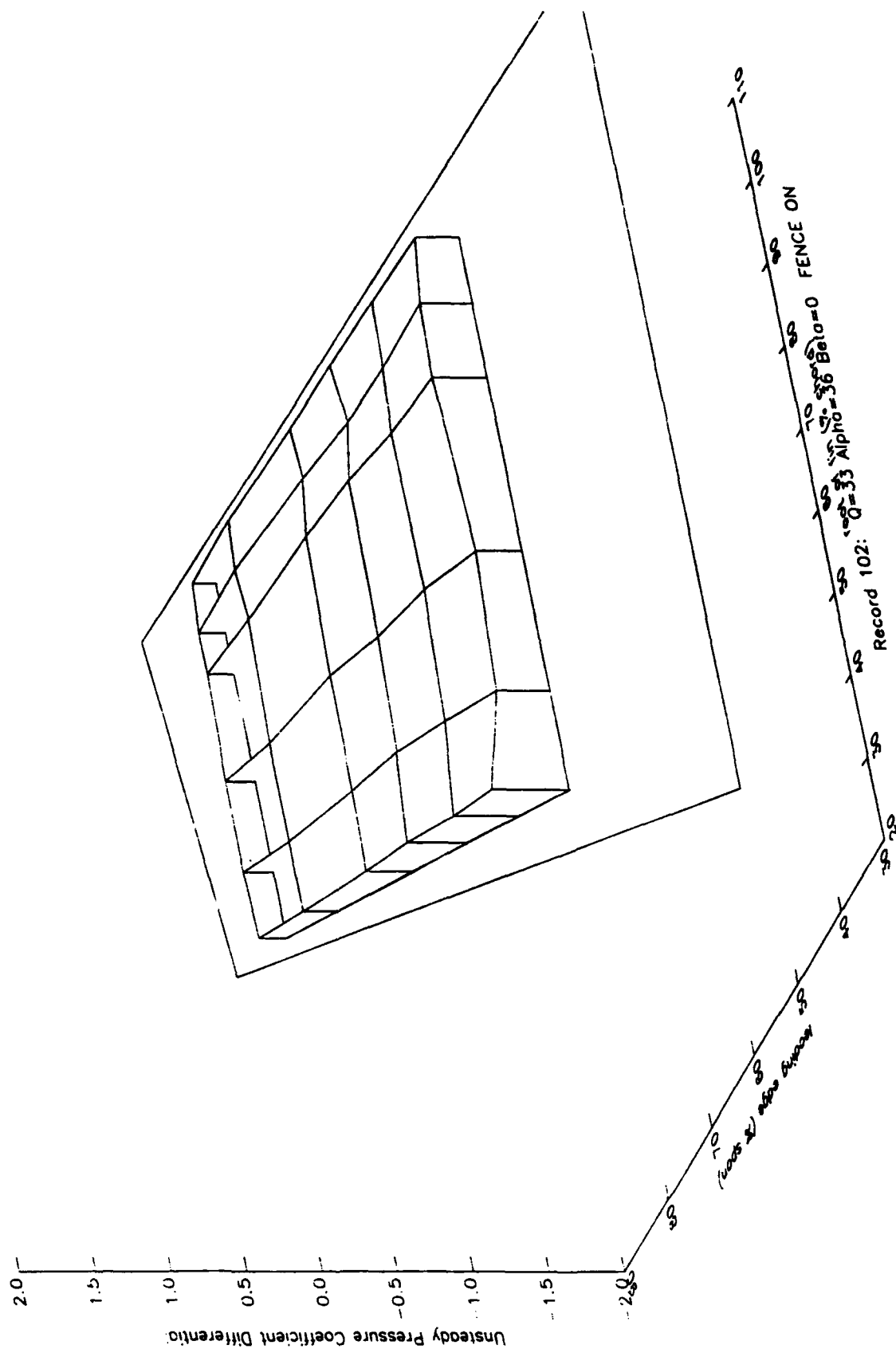
F-18 Tail Buffet Test



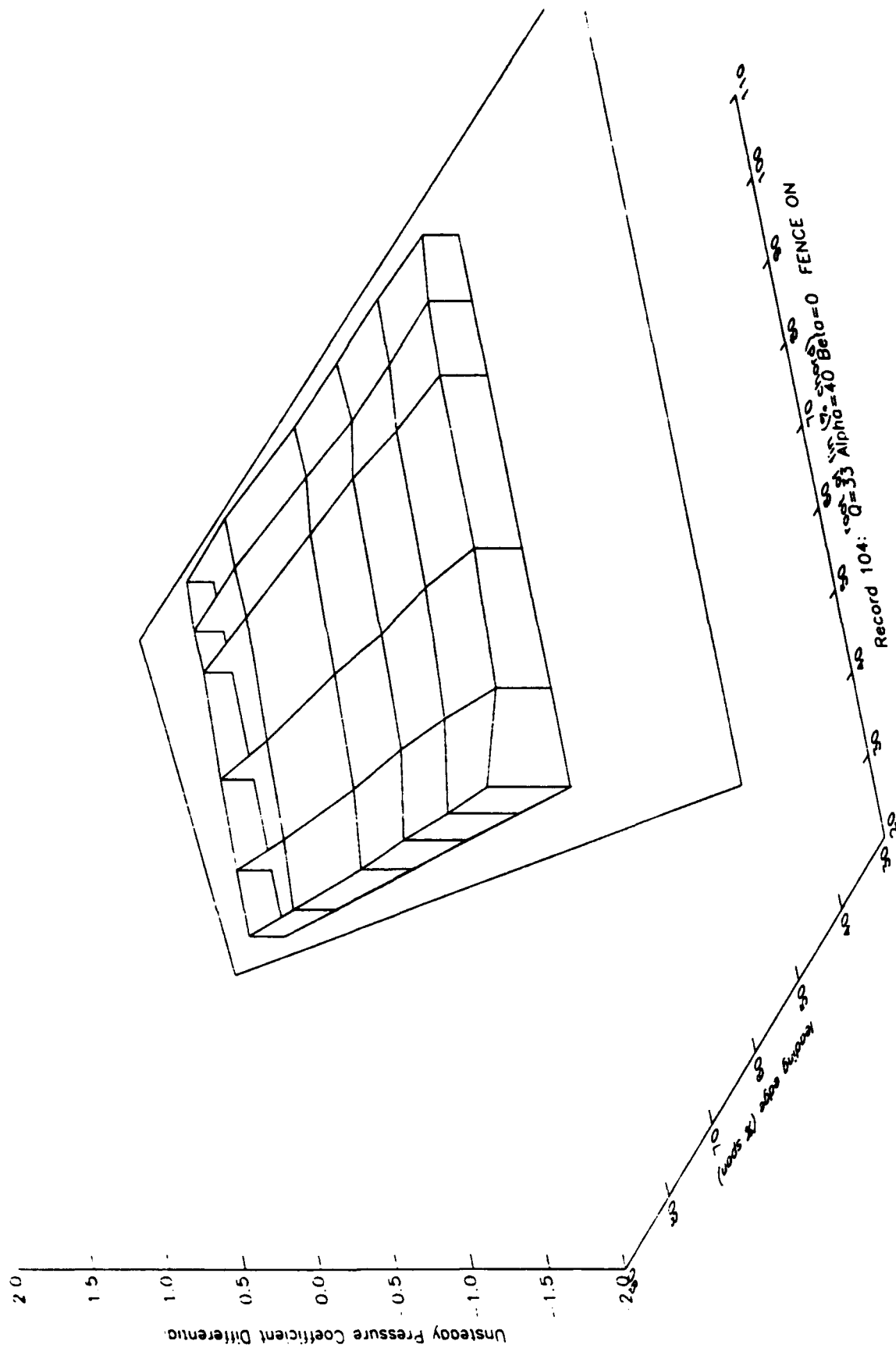
F-18 Tail Buffet Test



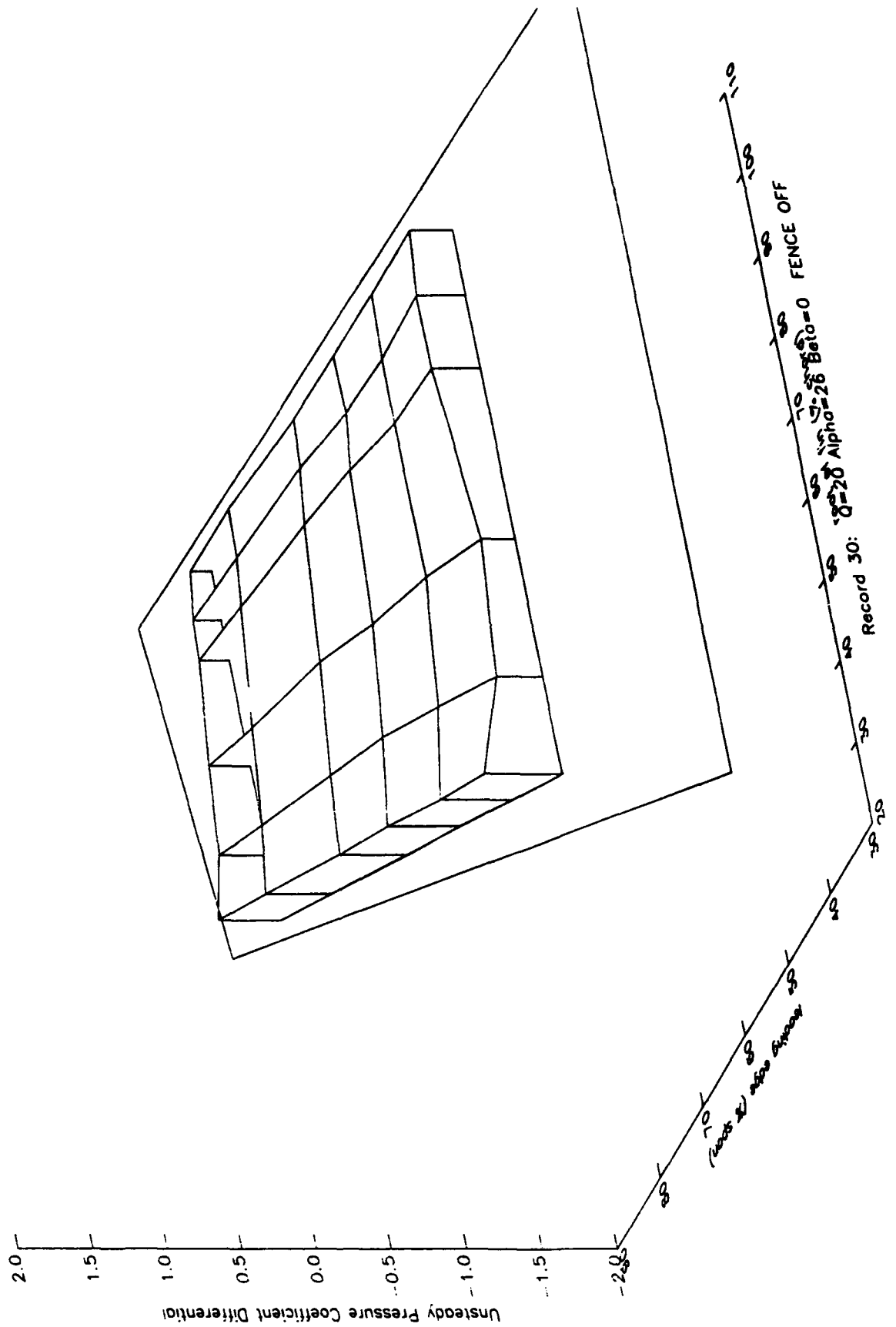
F-18 Tail Buffet Test



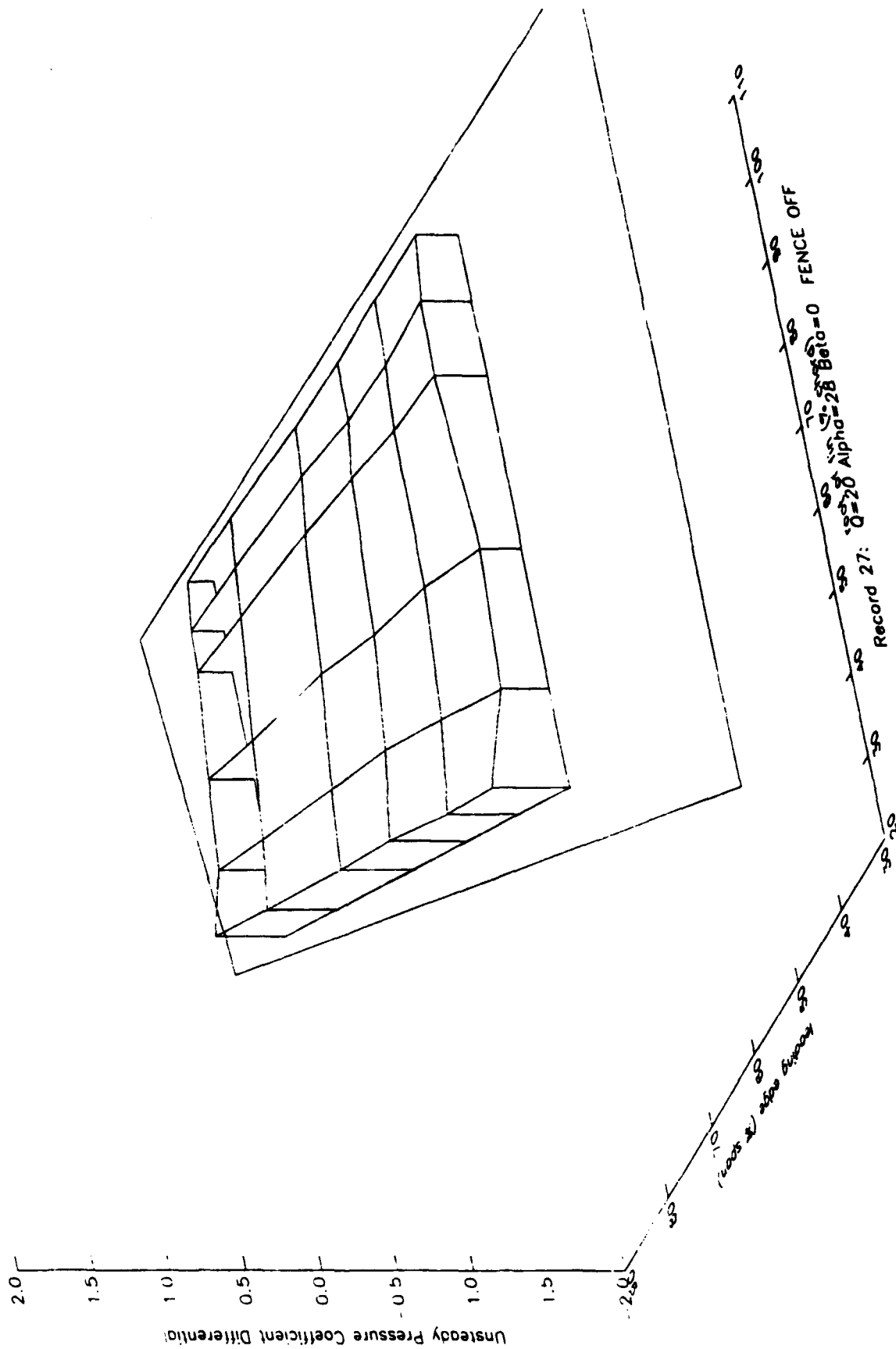
F-18 Tail Buffet Test



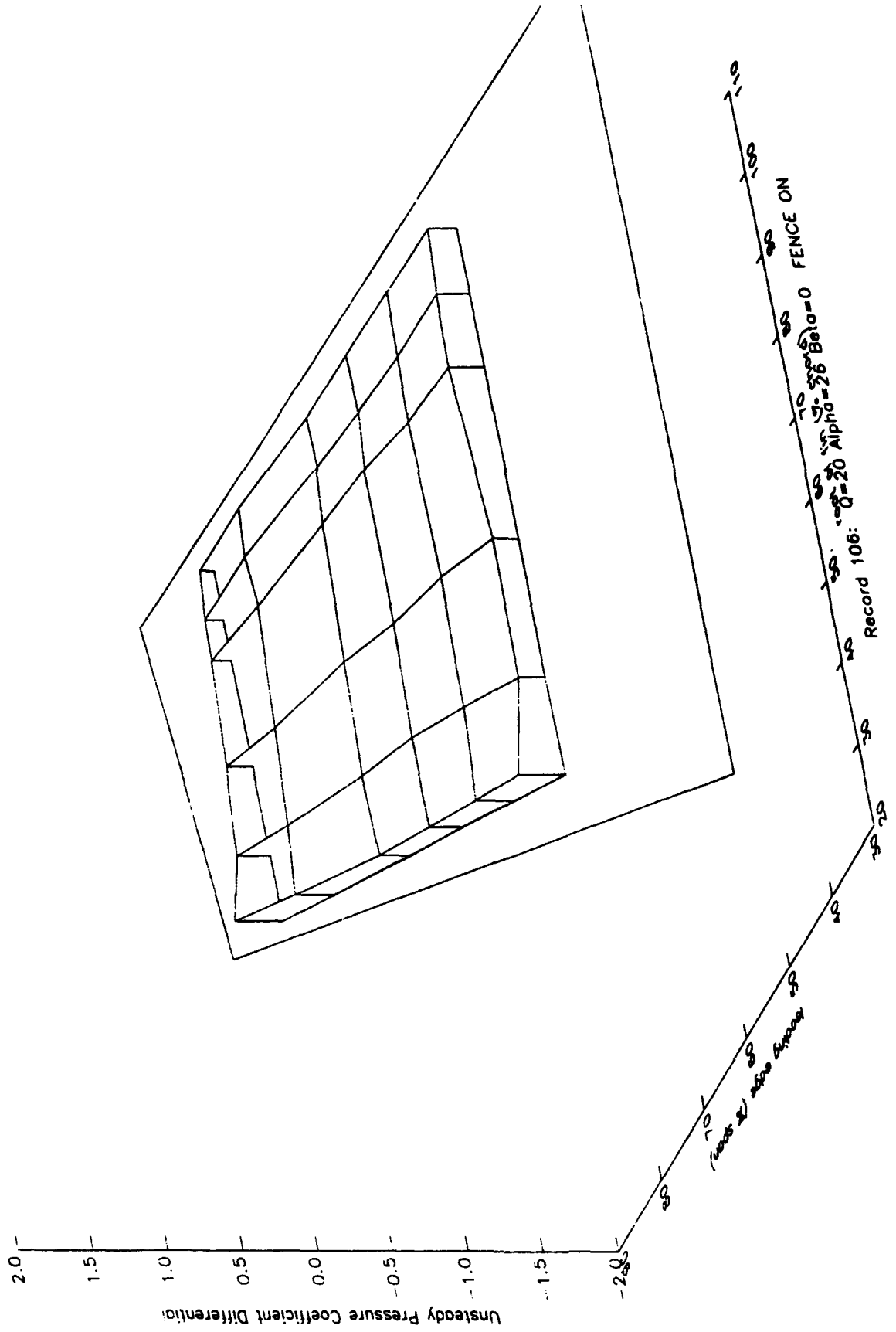
f-18 Tail Buffet Test



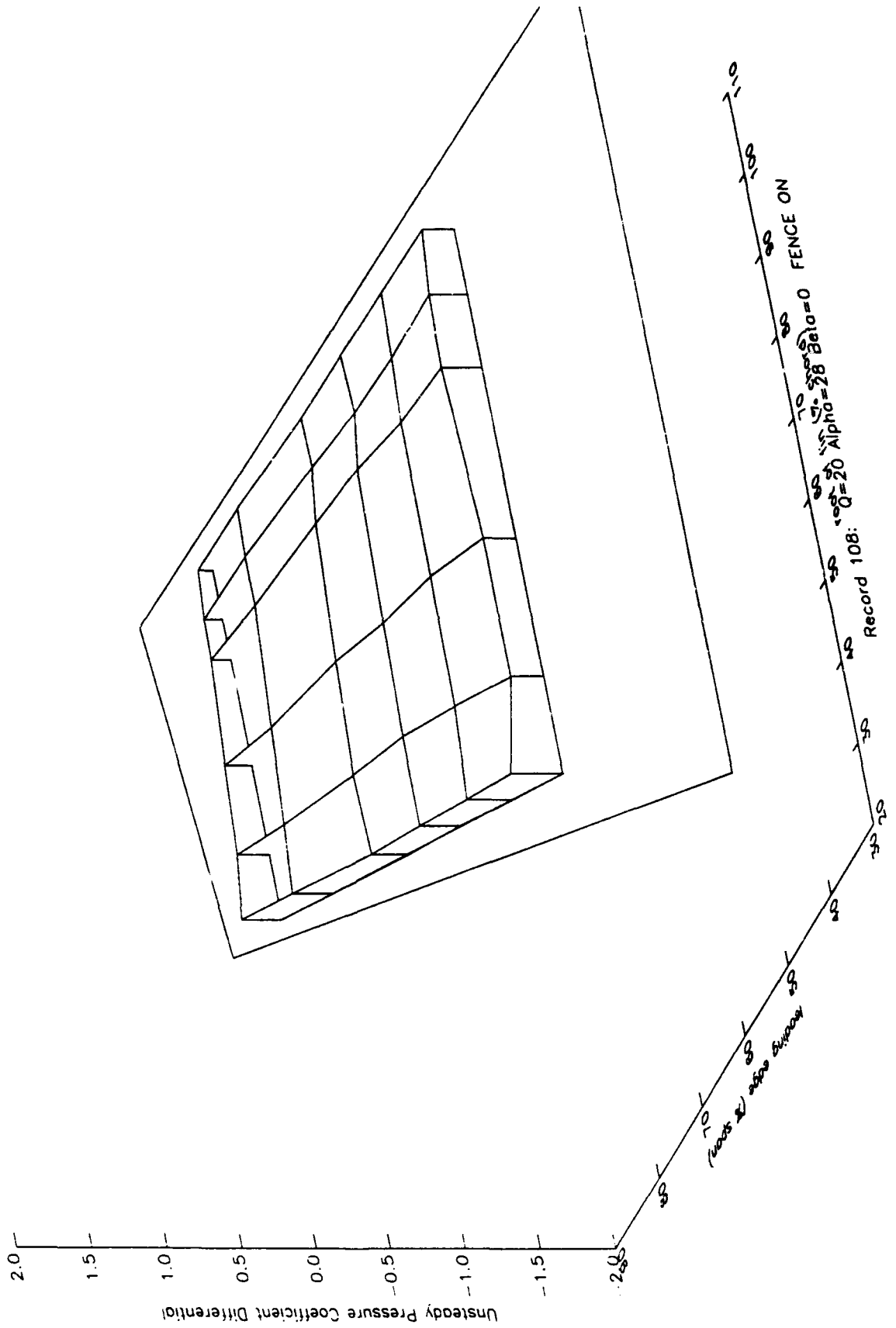
Γ -18 Tail Buffet Test



F-18 Tail Buffet Test



F-18 Tail Buffet Test



**Root-Mean-Square Pressure Coefficient Differential
Surface Plots**

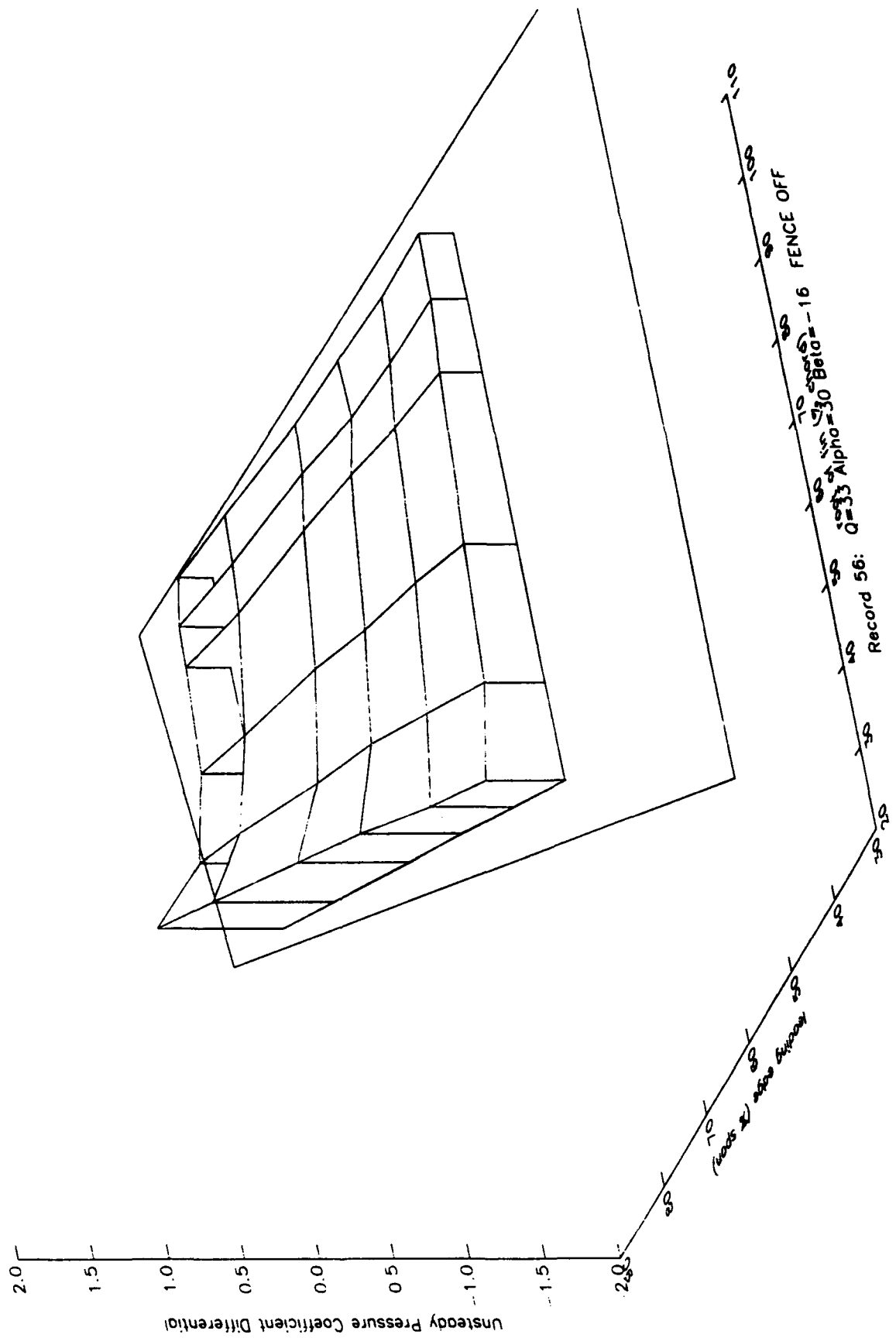
Sideslip Sweep at 30 *deg* Angle-of-Attack, $Q = 33$ *psf*

Sideslip Angles: -16, -10, -6, -4, -2, 0, 2, 4, 6, 10, and 16 *deg*

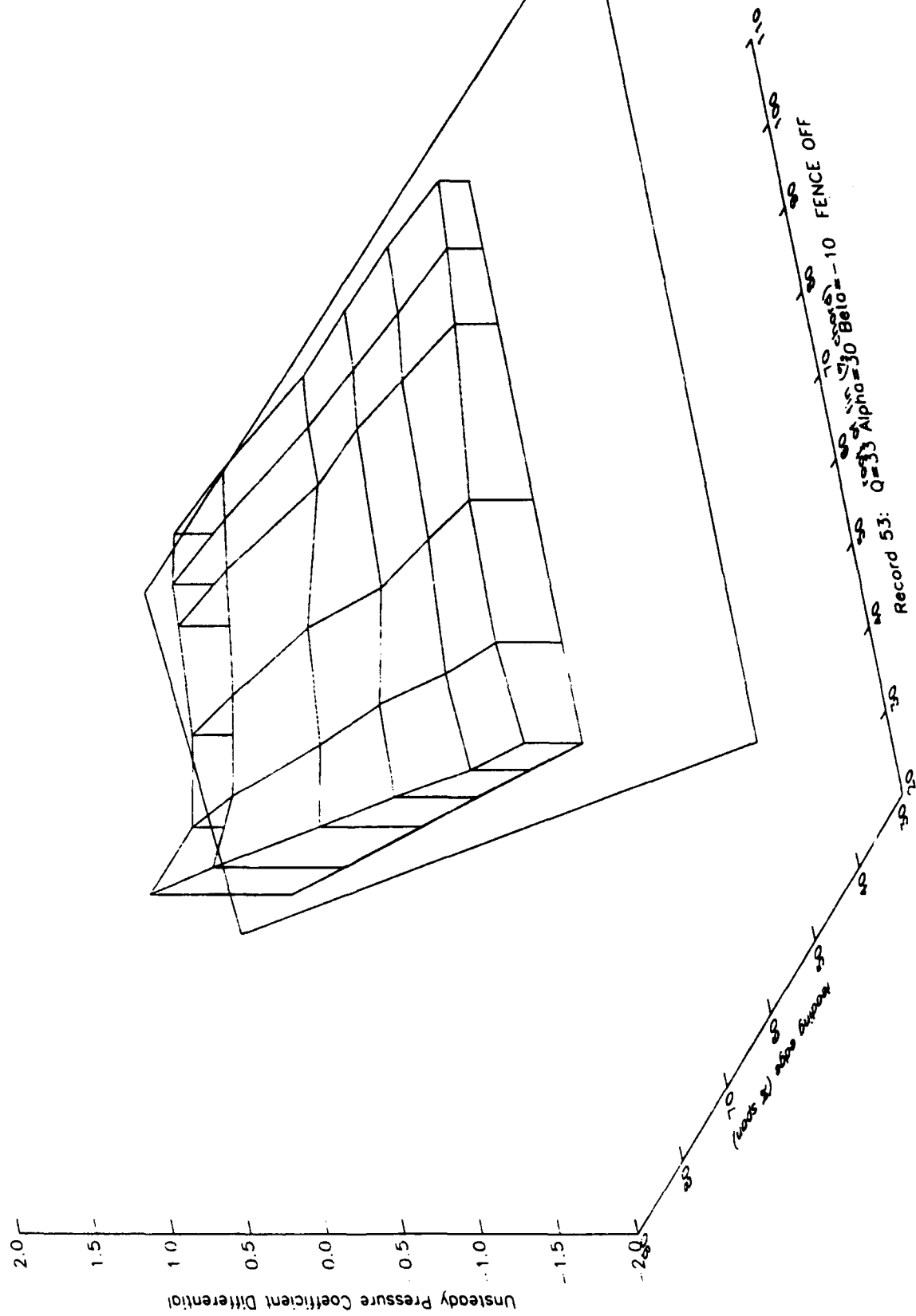
Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fin (% chord)."

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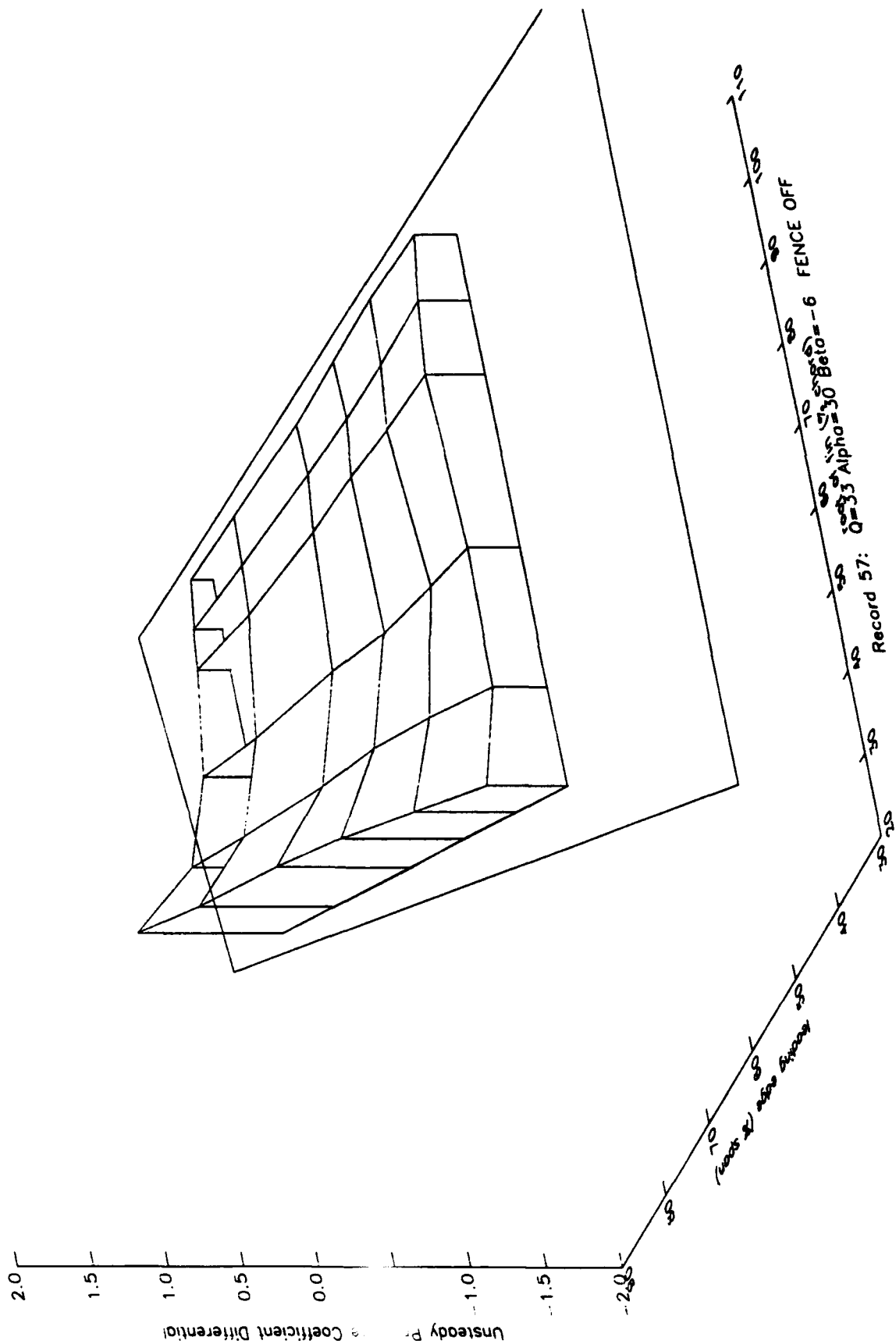
F-18 Tail Buffet Test



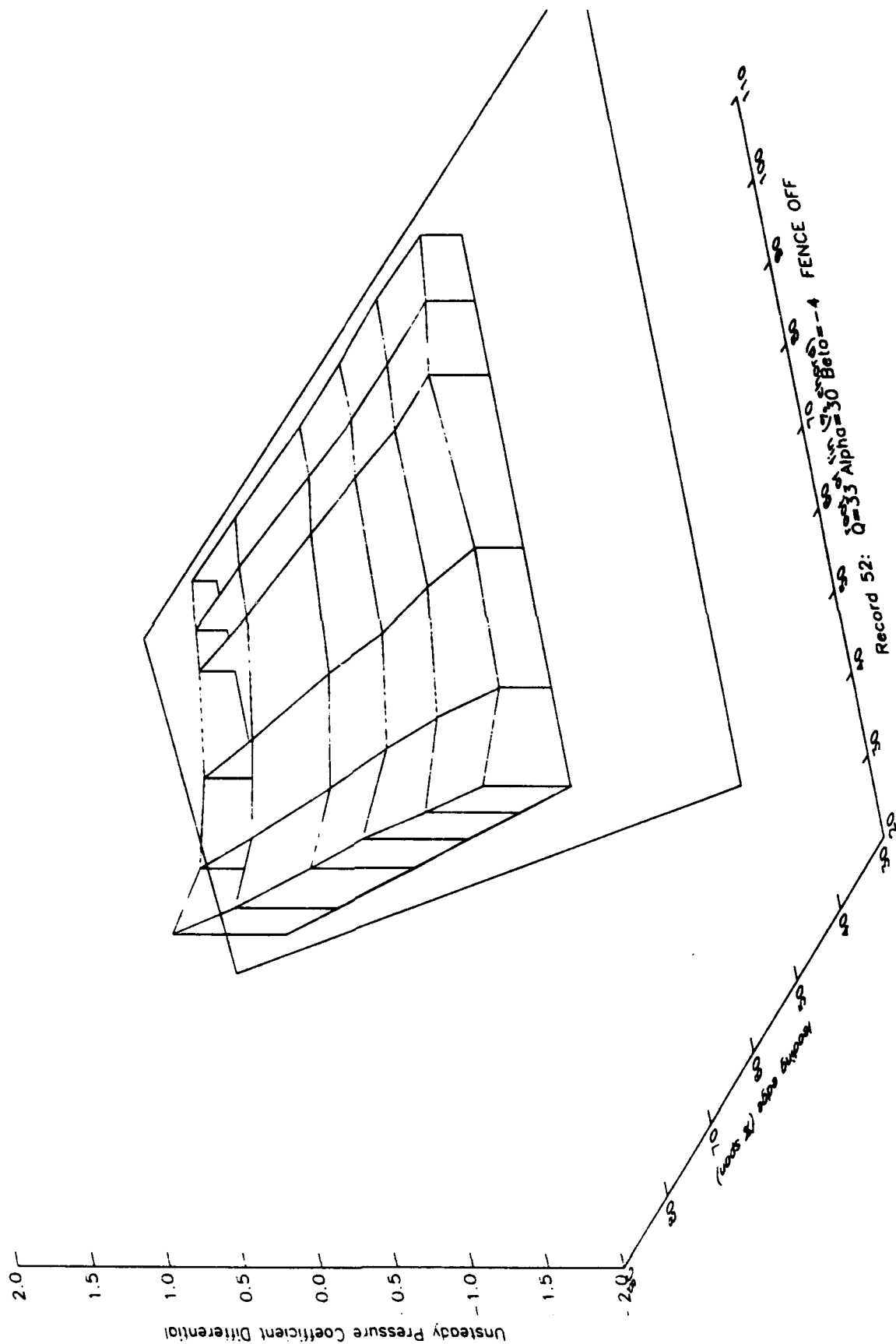
F-18 Tail Buffet Test



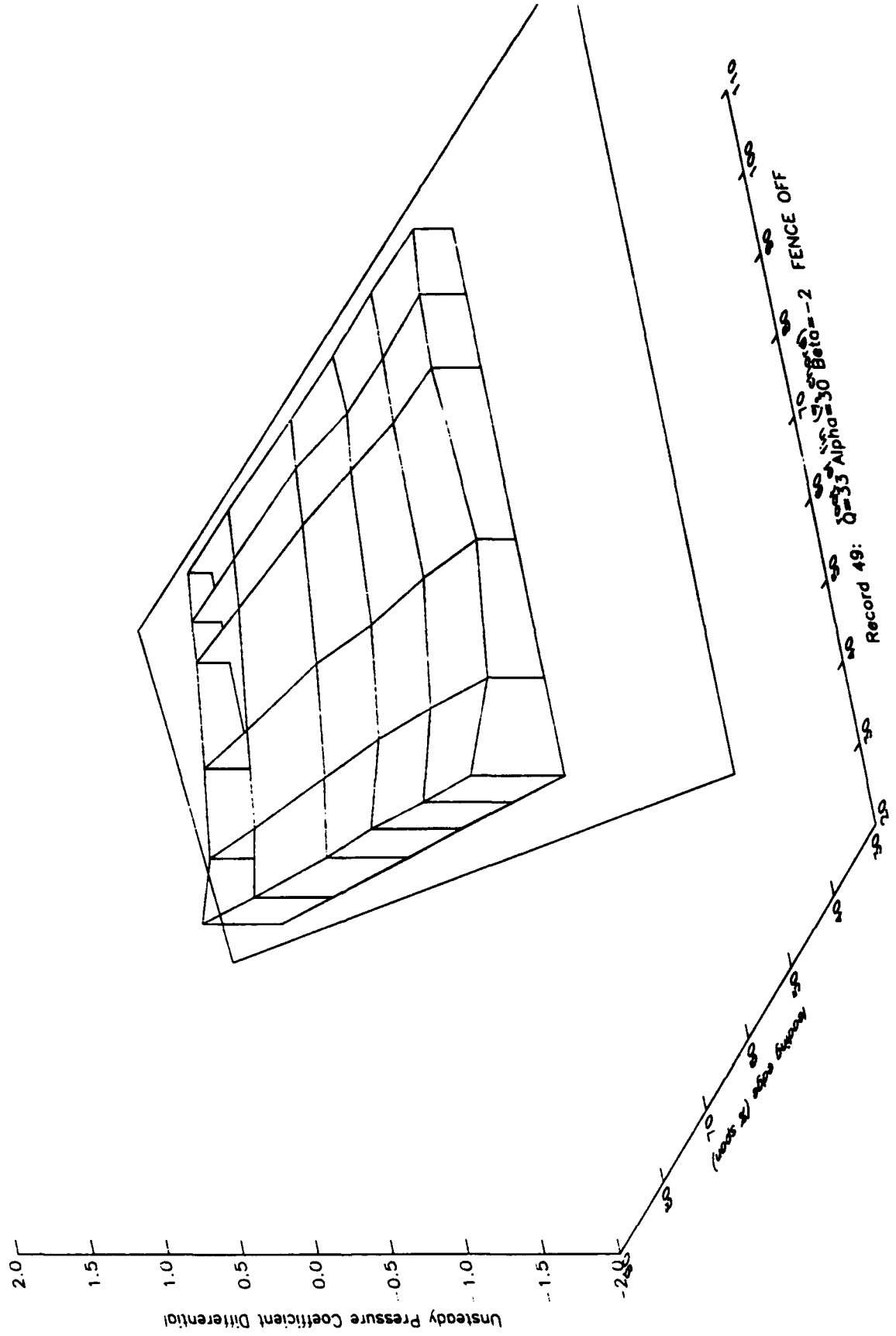
F-18 Tail Buffet Test



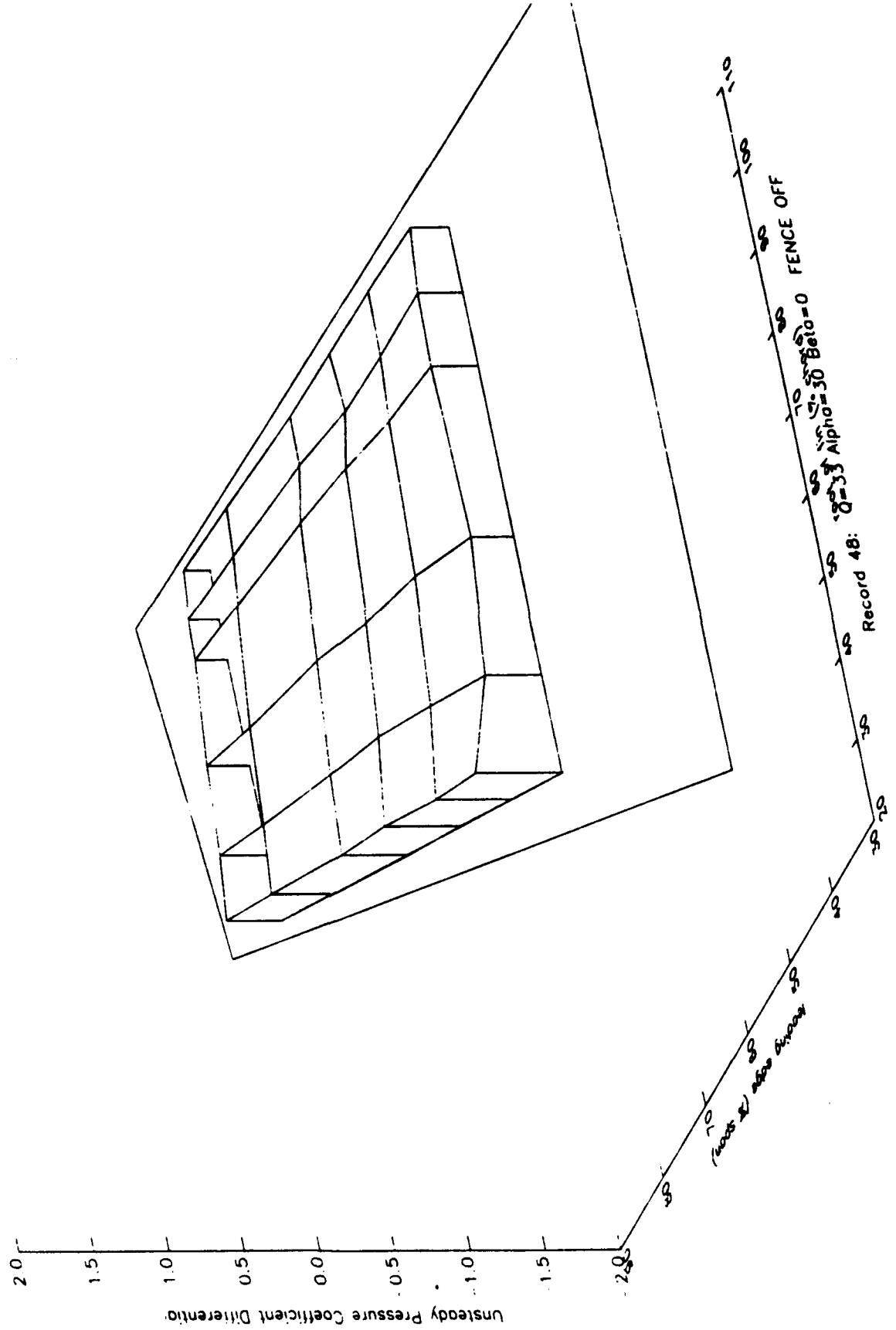
F-18 Tail Buffet Test



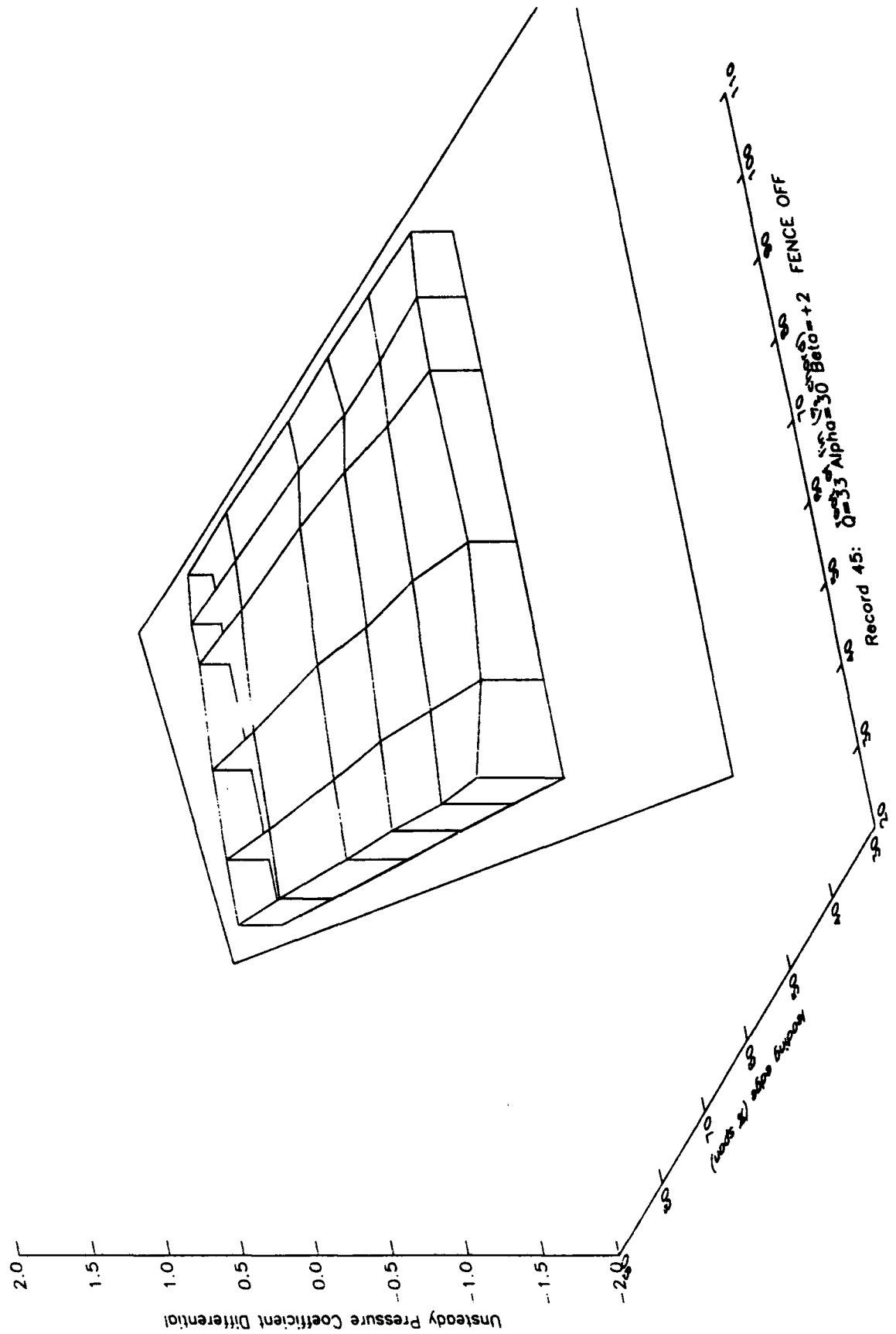
F-18 Tail Buffet Test



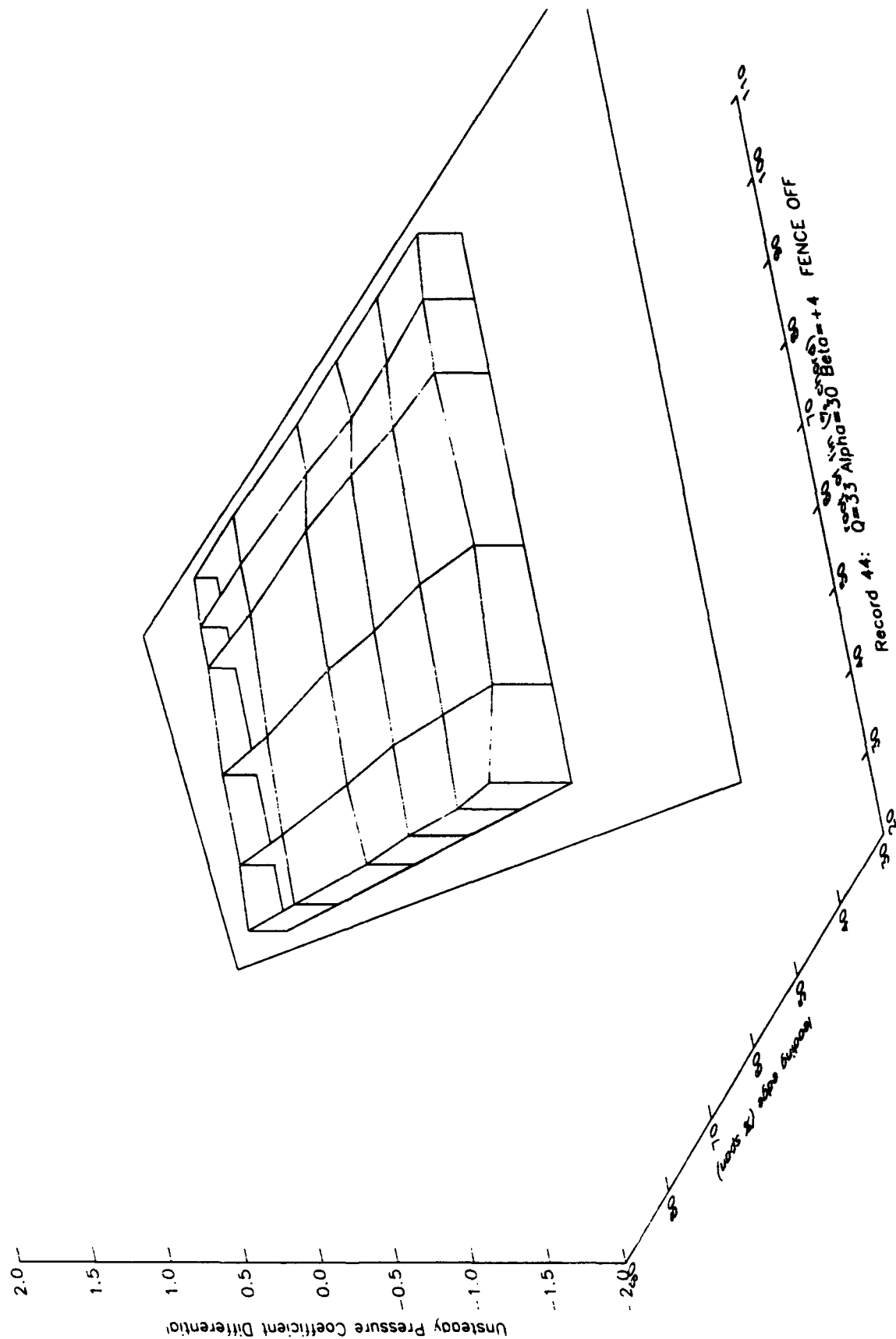
F--18 Tail Buffet Test



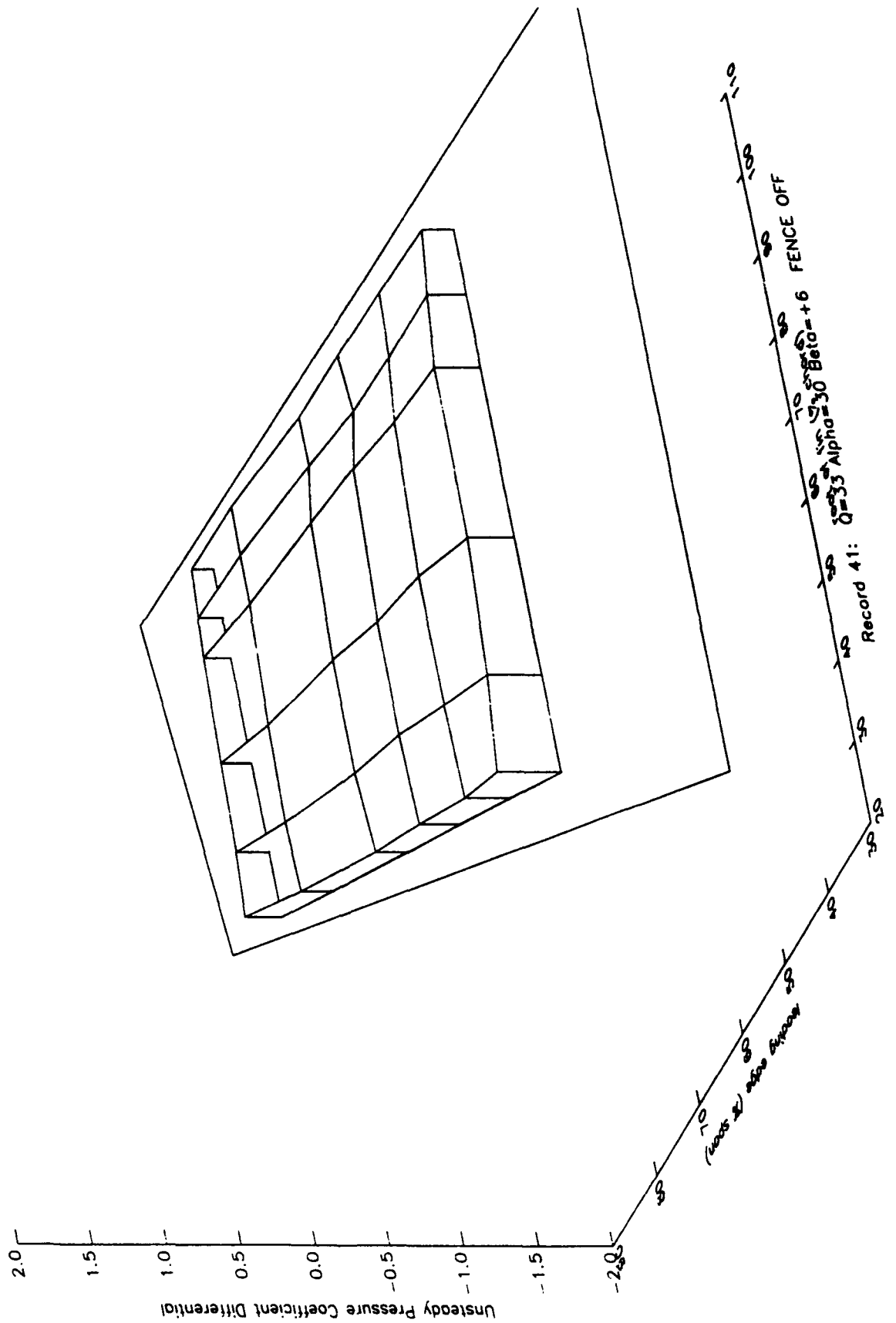
F-18 Tail Buffet Test



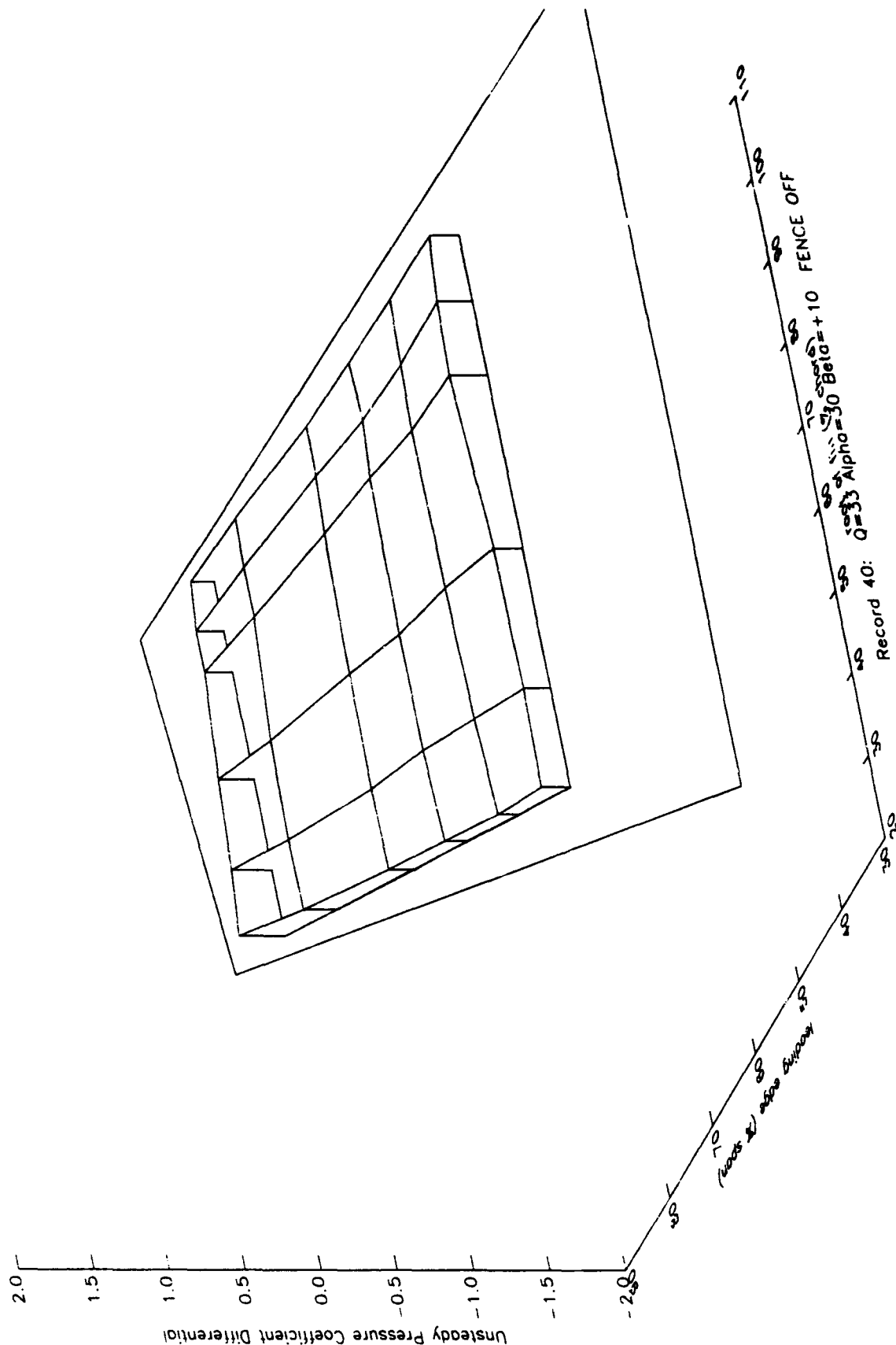
F-18 Tail Buffet Test



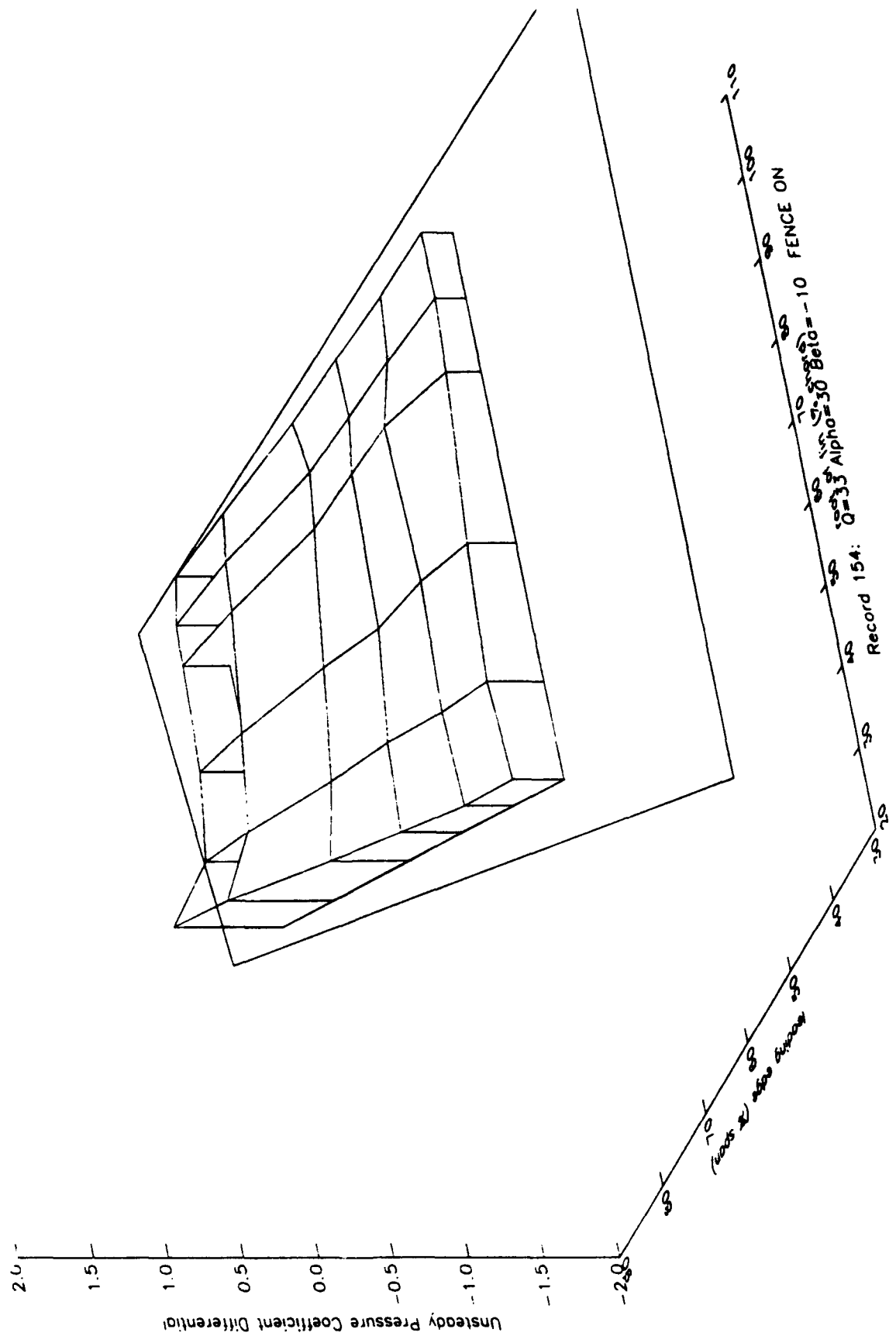
F-18 Tail Buffet Test



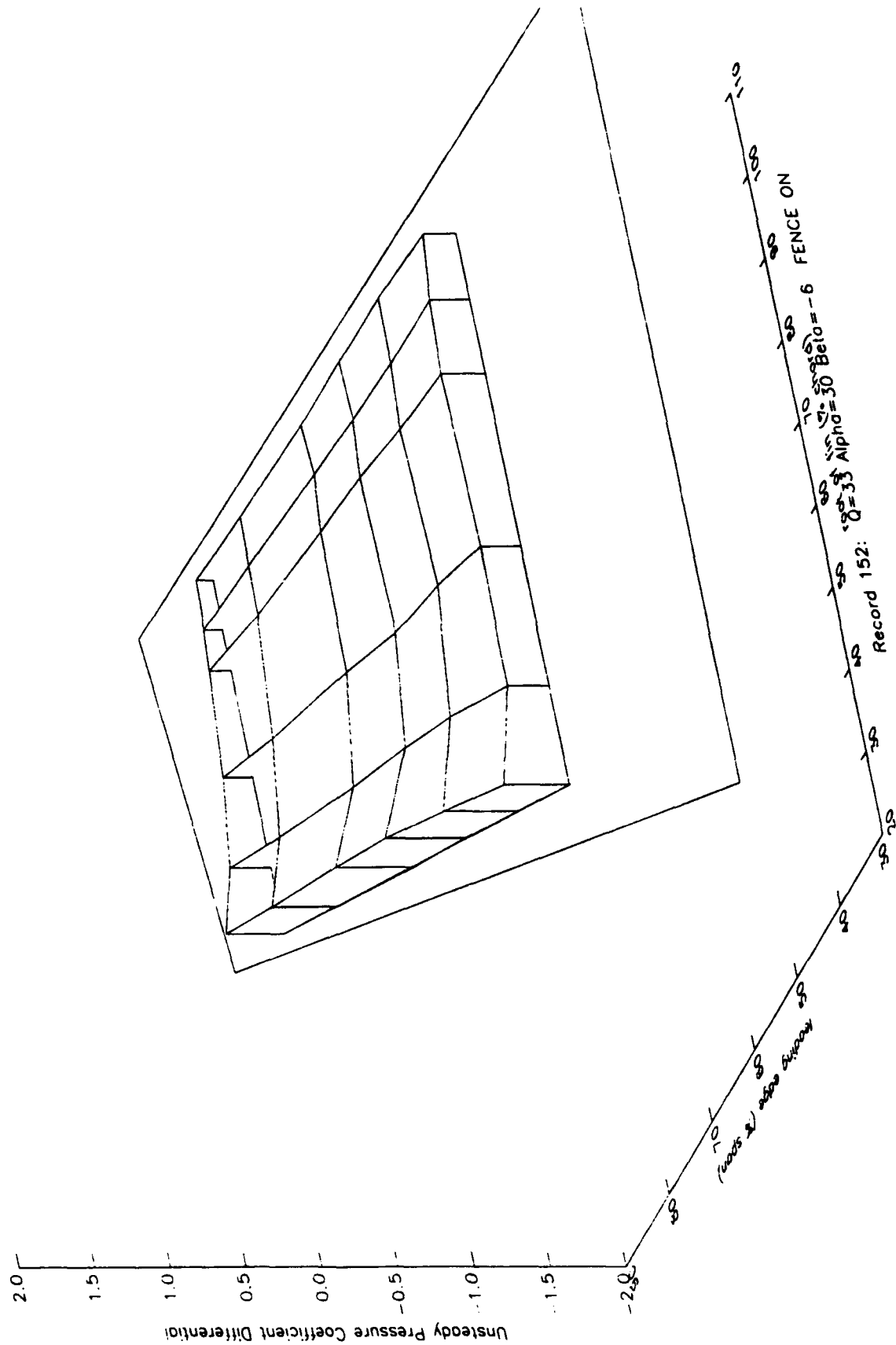
F-18 Tail Buffet Test



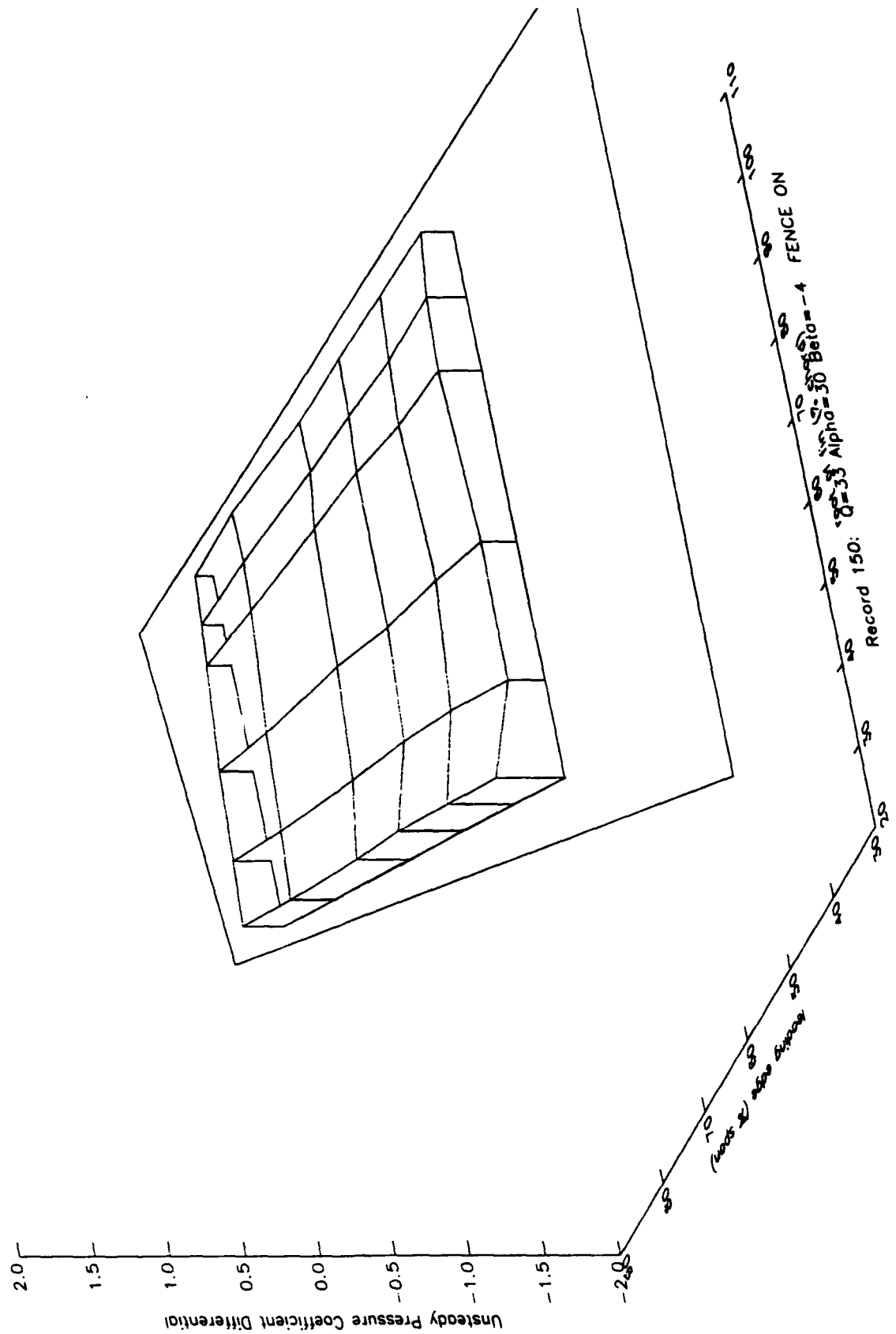
F-18 Tail Buffet Test



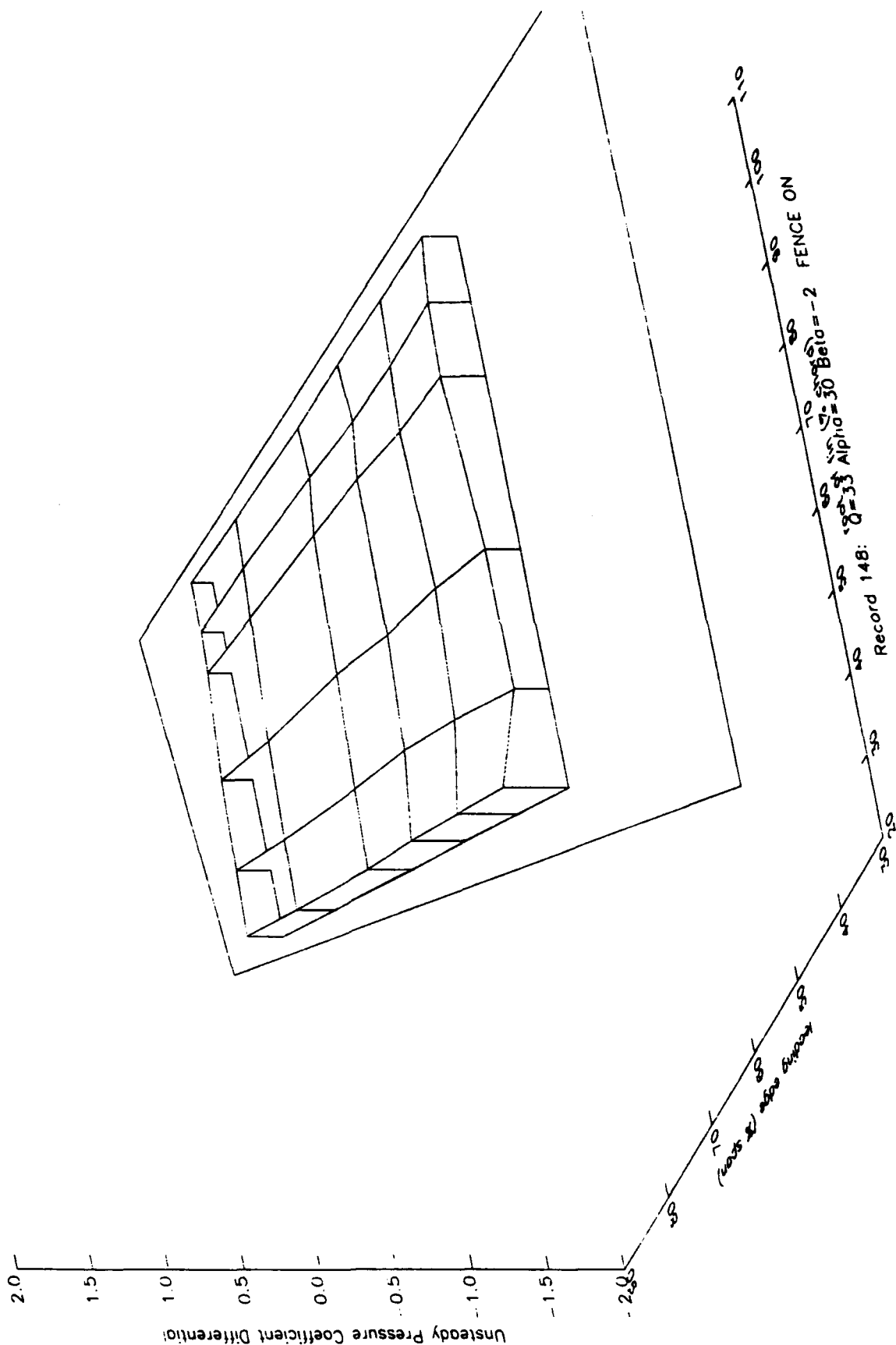
F-18 Tail Buffet Test



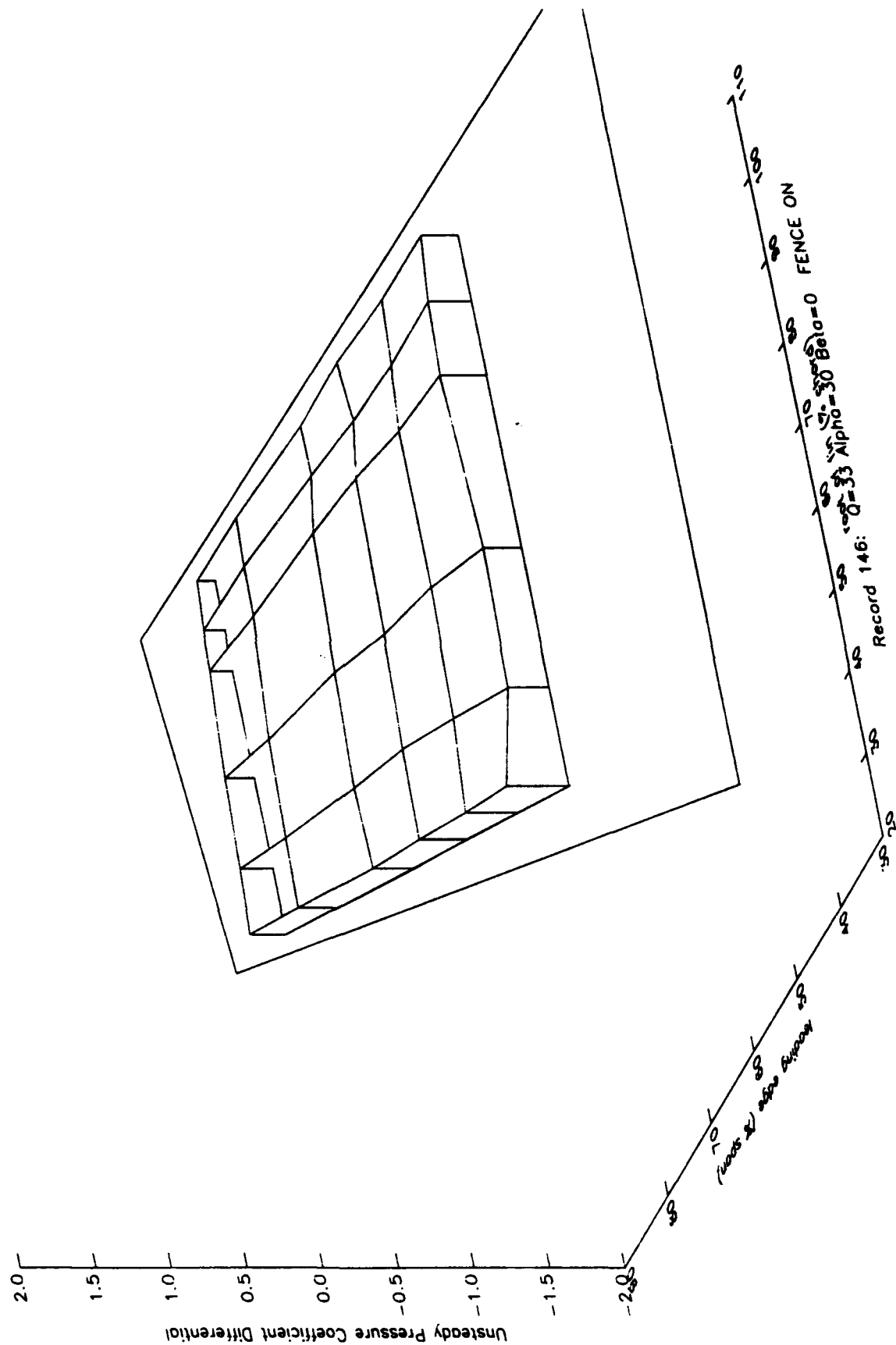
F-18 Tail Buffet Test



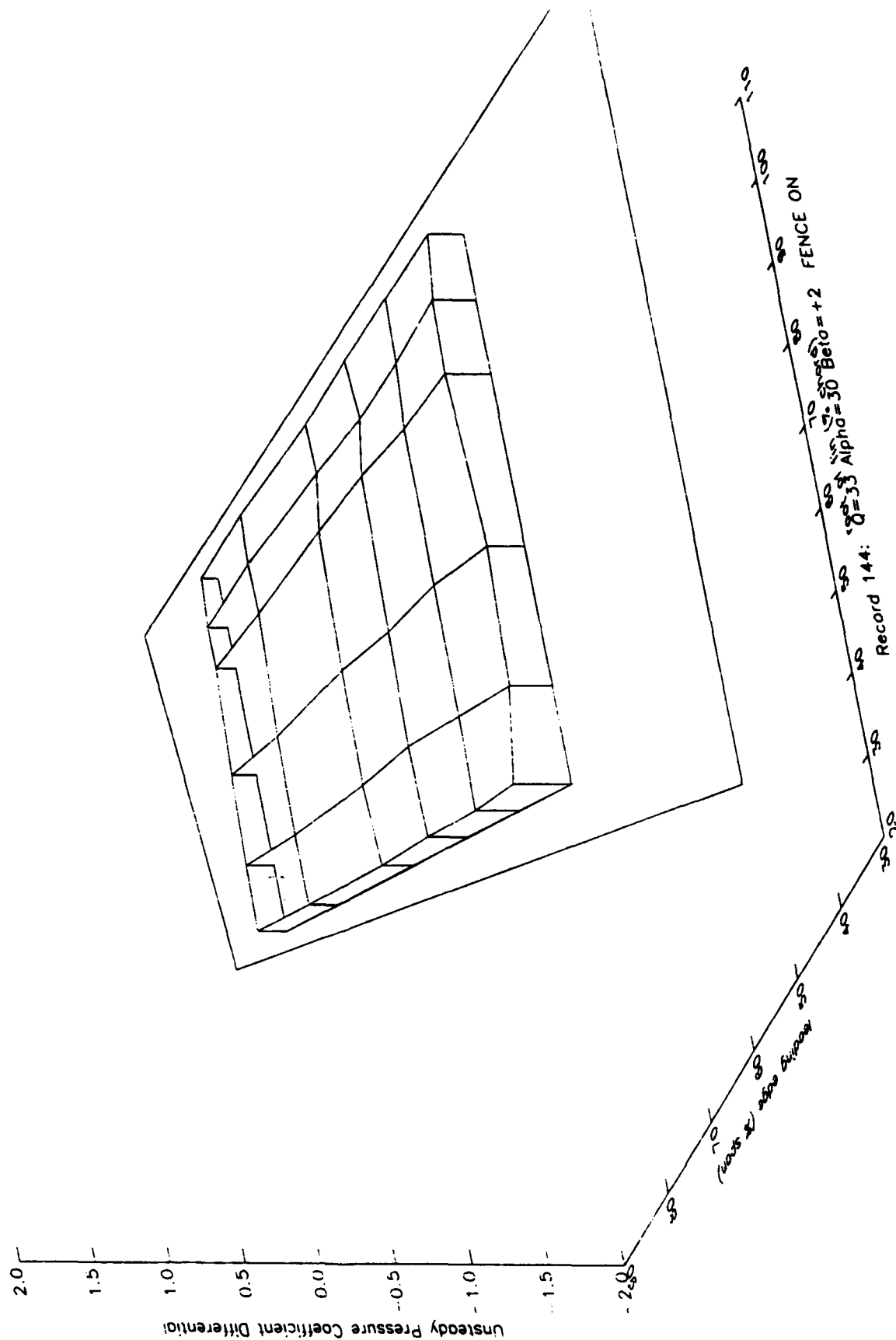
F-18 Tail Buffet Test



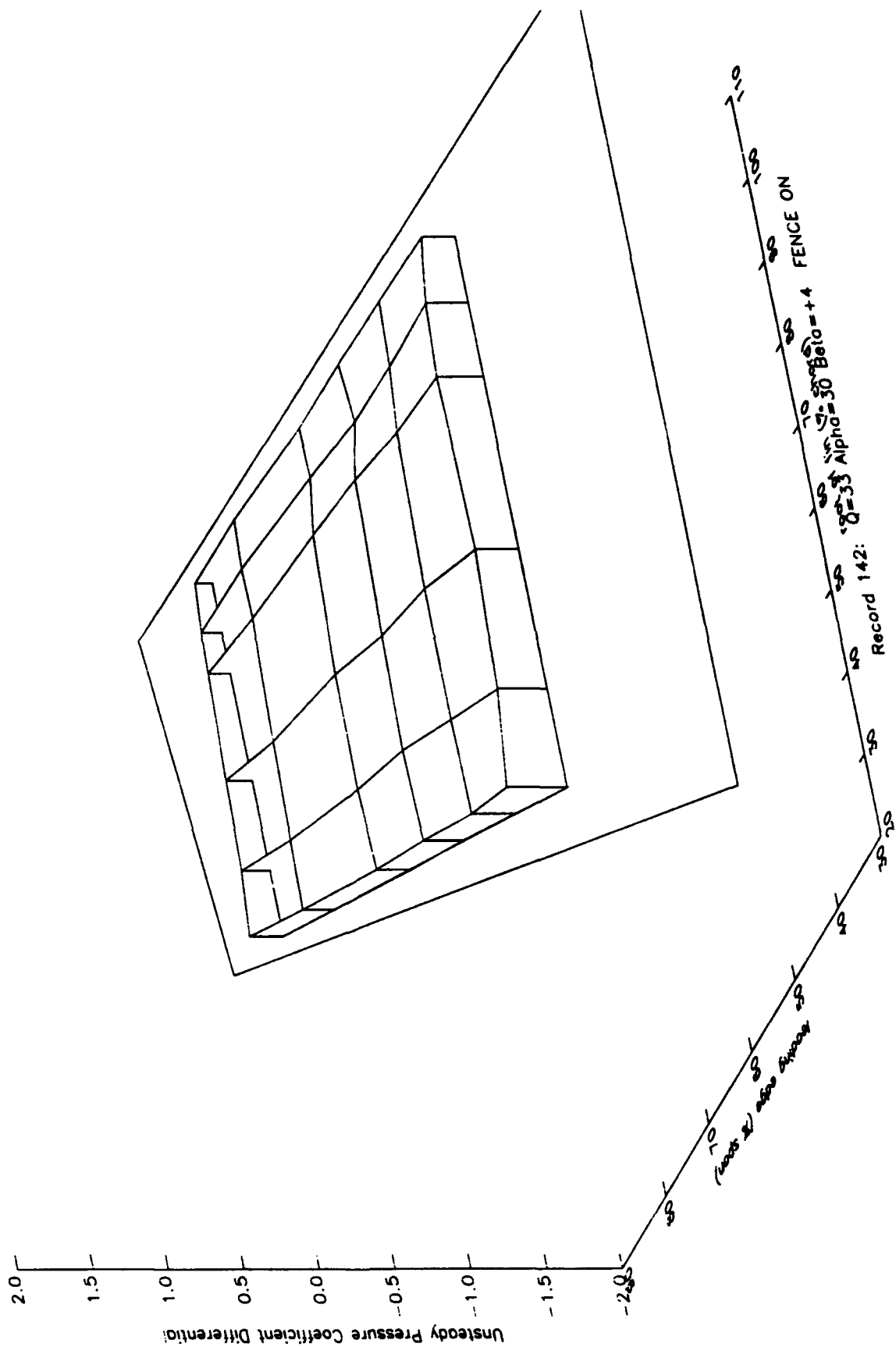
F-18 Tail Buffet Test



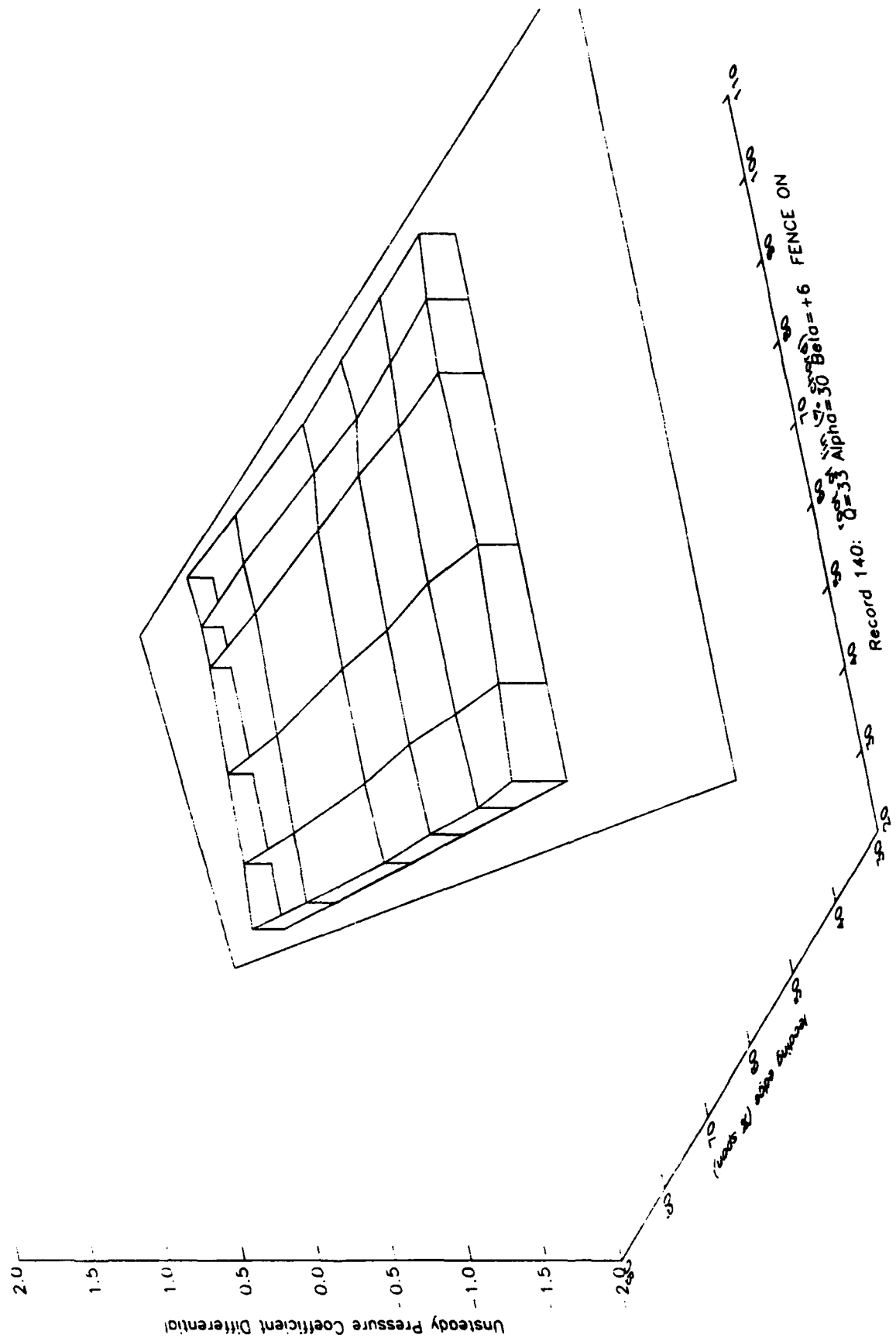
F-18 Tail Buffet Test



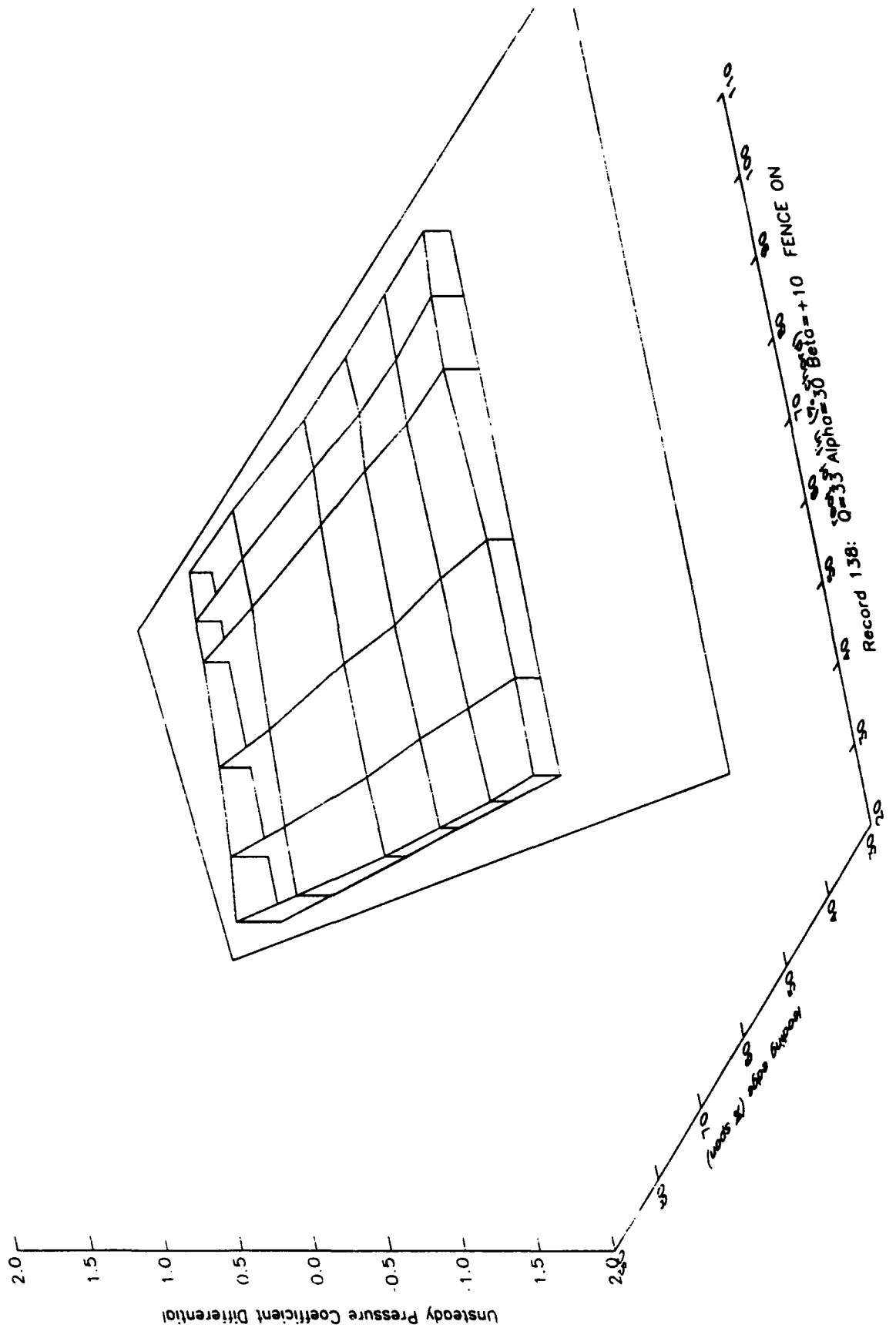
F-18 Tail Buffet Test



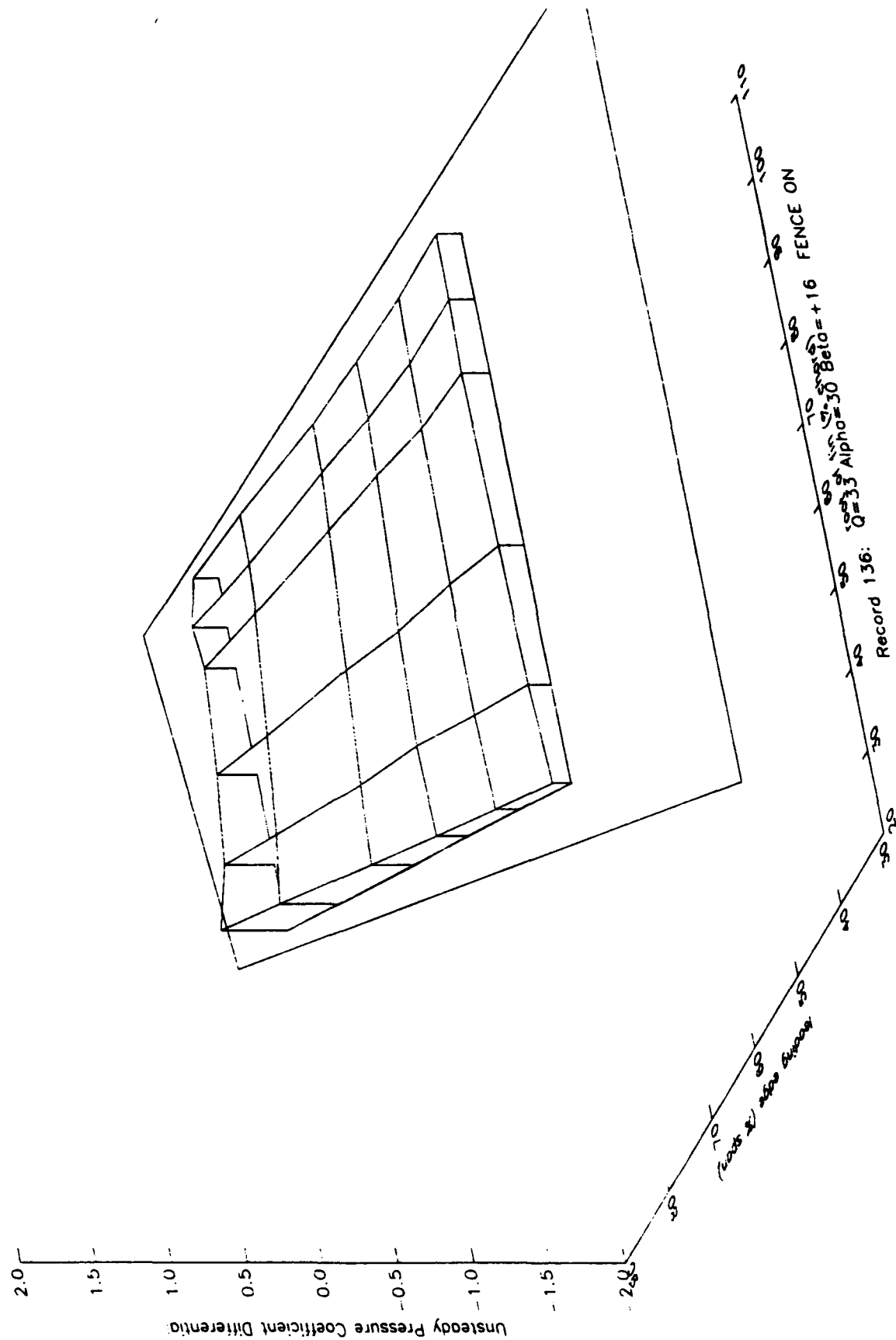
P-18 Tail Buffet Test



F-18 Tail Buffet Test



f - 18 Toil Buffel Test



**Root-Mean-Square Pressure Coefficient Differential
Surface Plots**

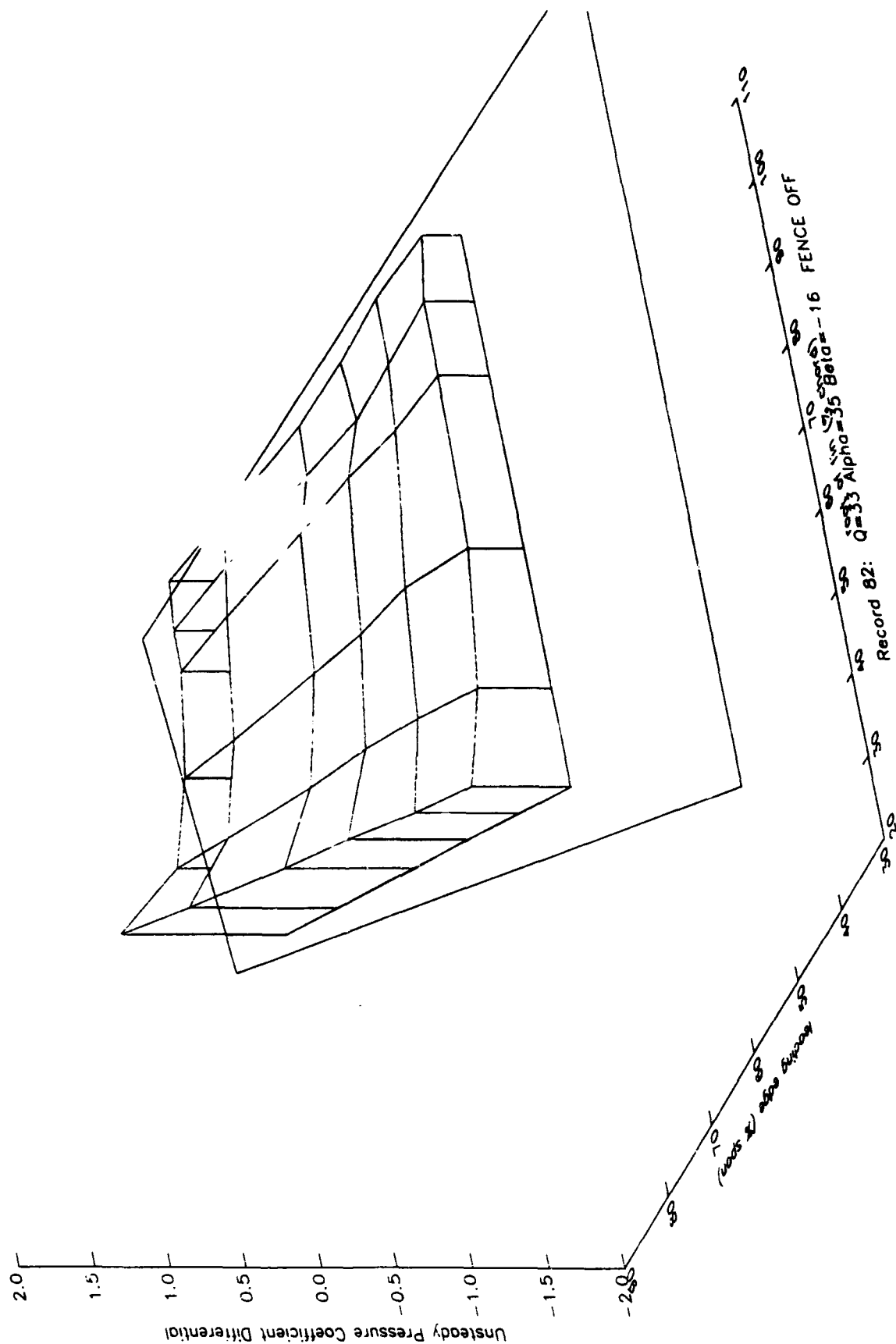
Sideslip Sweep at 35 *deg* Angle-of-Attack, $Q = 33$ *psf*

Sideslip Angles: -16, -10, -6, -4, -2, 0, 2, 4, 6, 10, and 16 *deg*

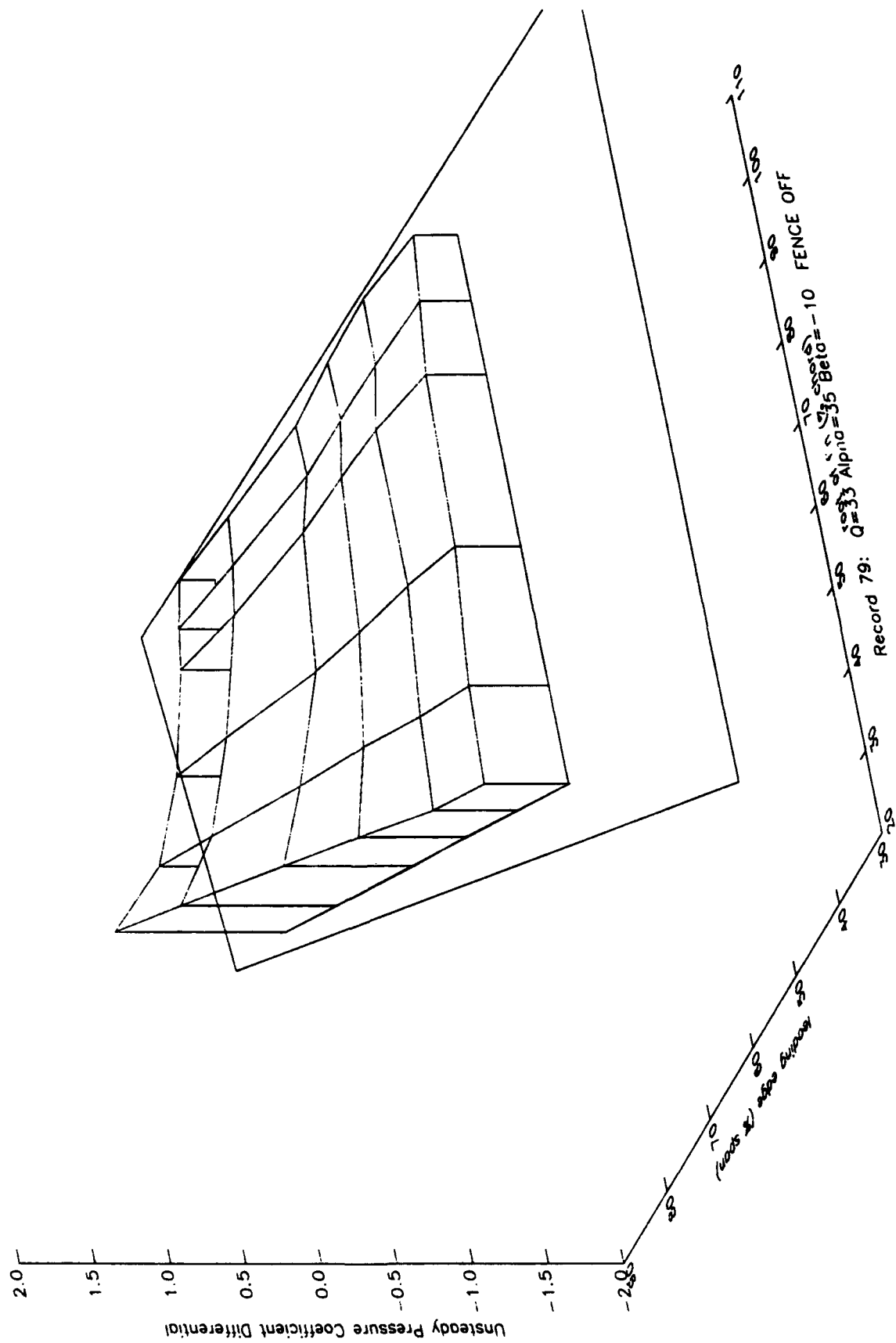
Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fin (% chord)."

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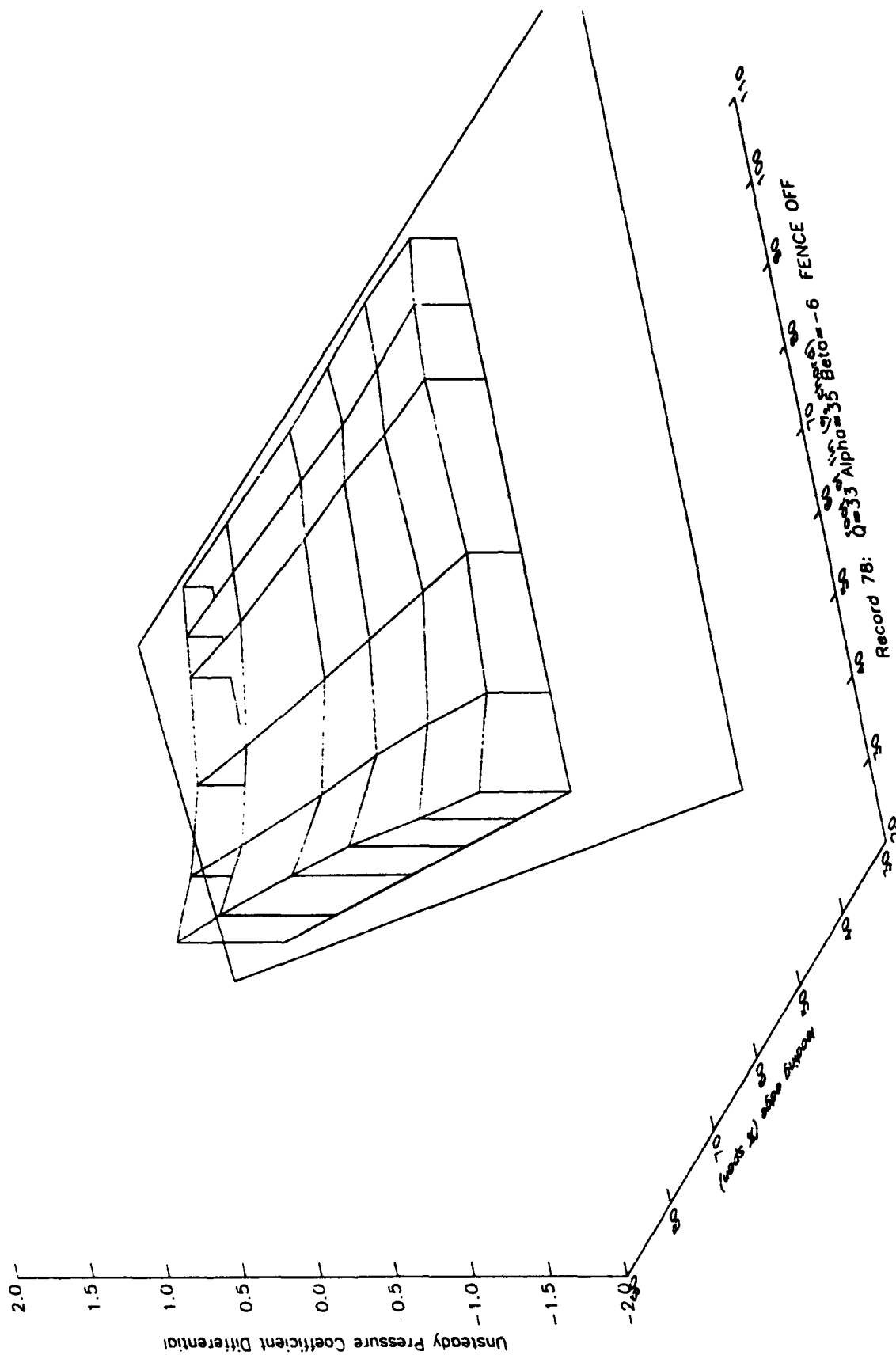
F-18 Tail Buffet Test



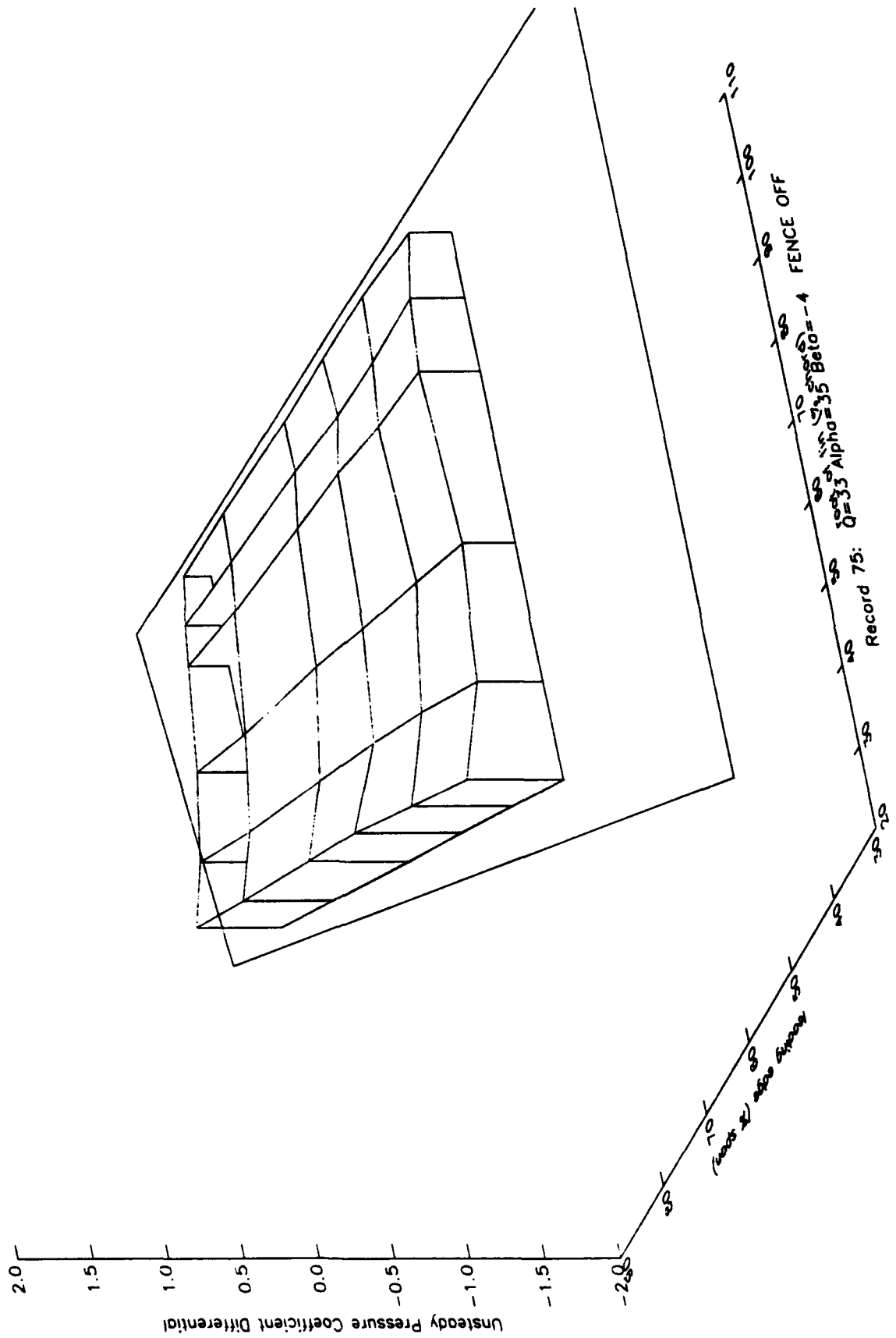
F-18 Tail Buffet Test



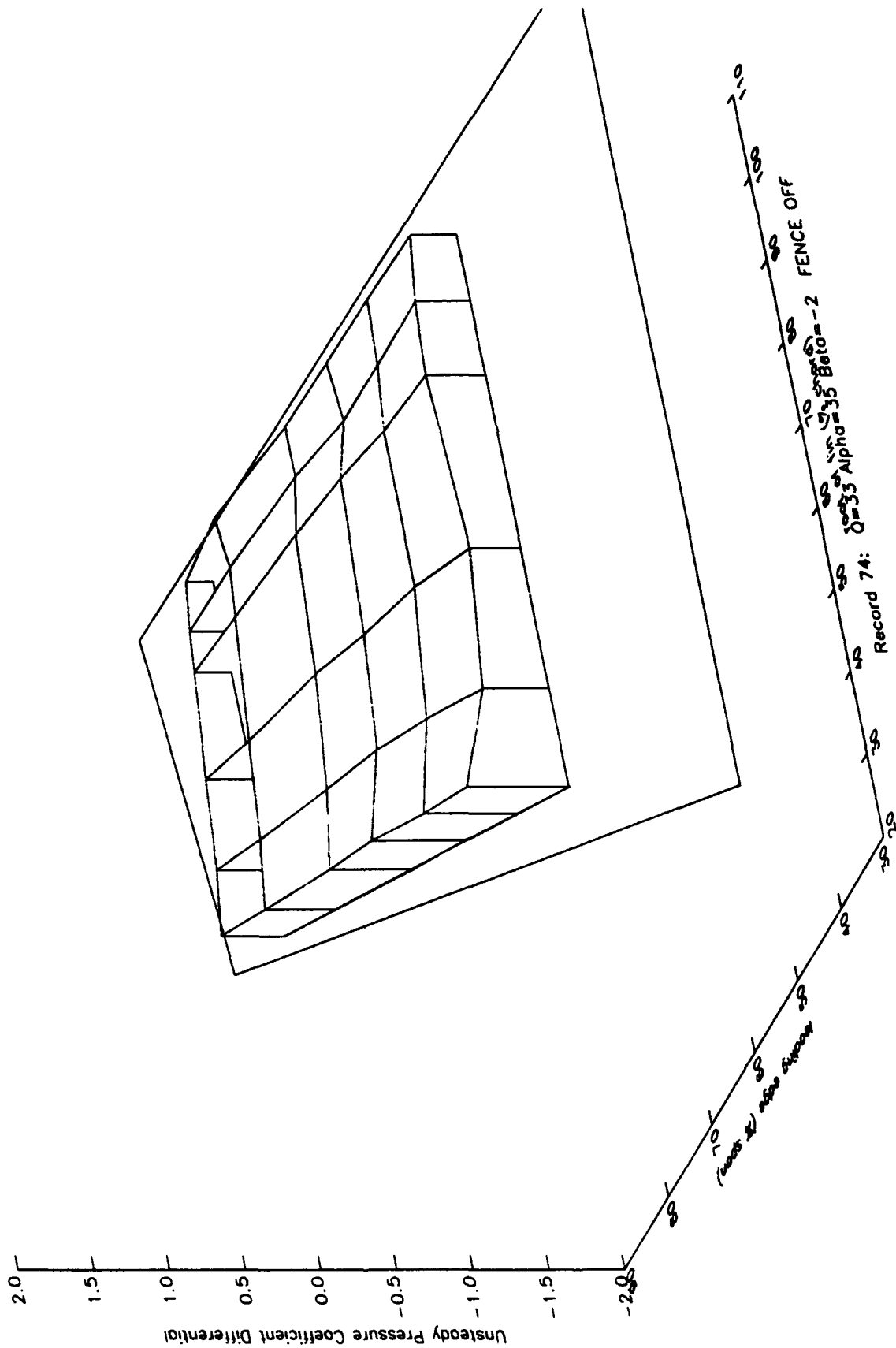
F-18 Tail Buffet Test



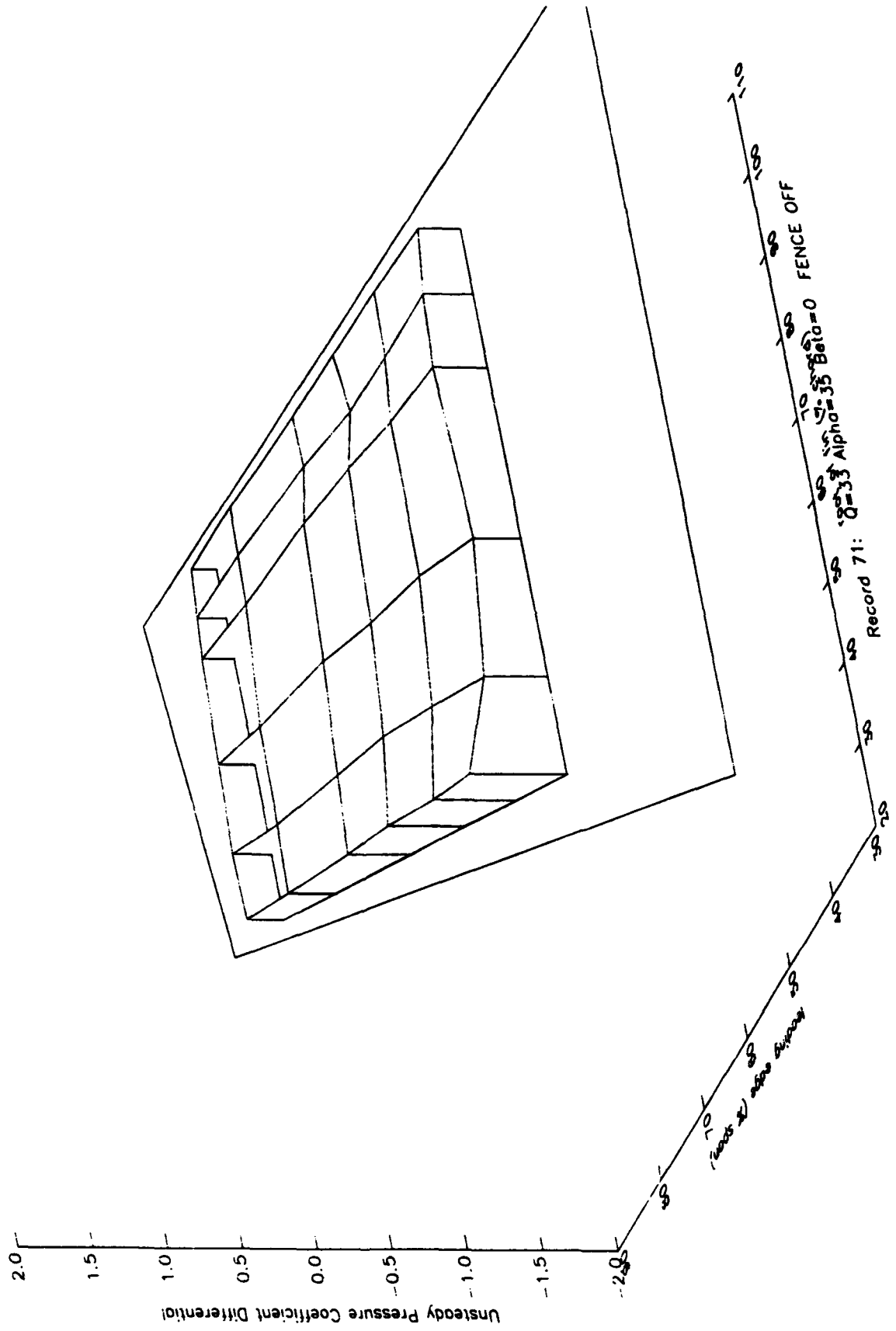
F-18 Tail Buffet Test



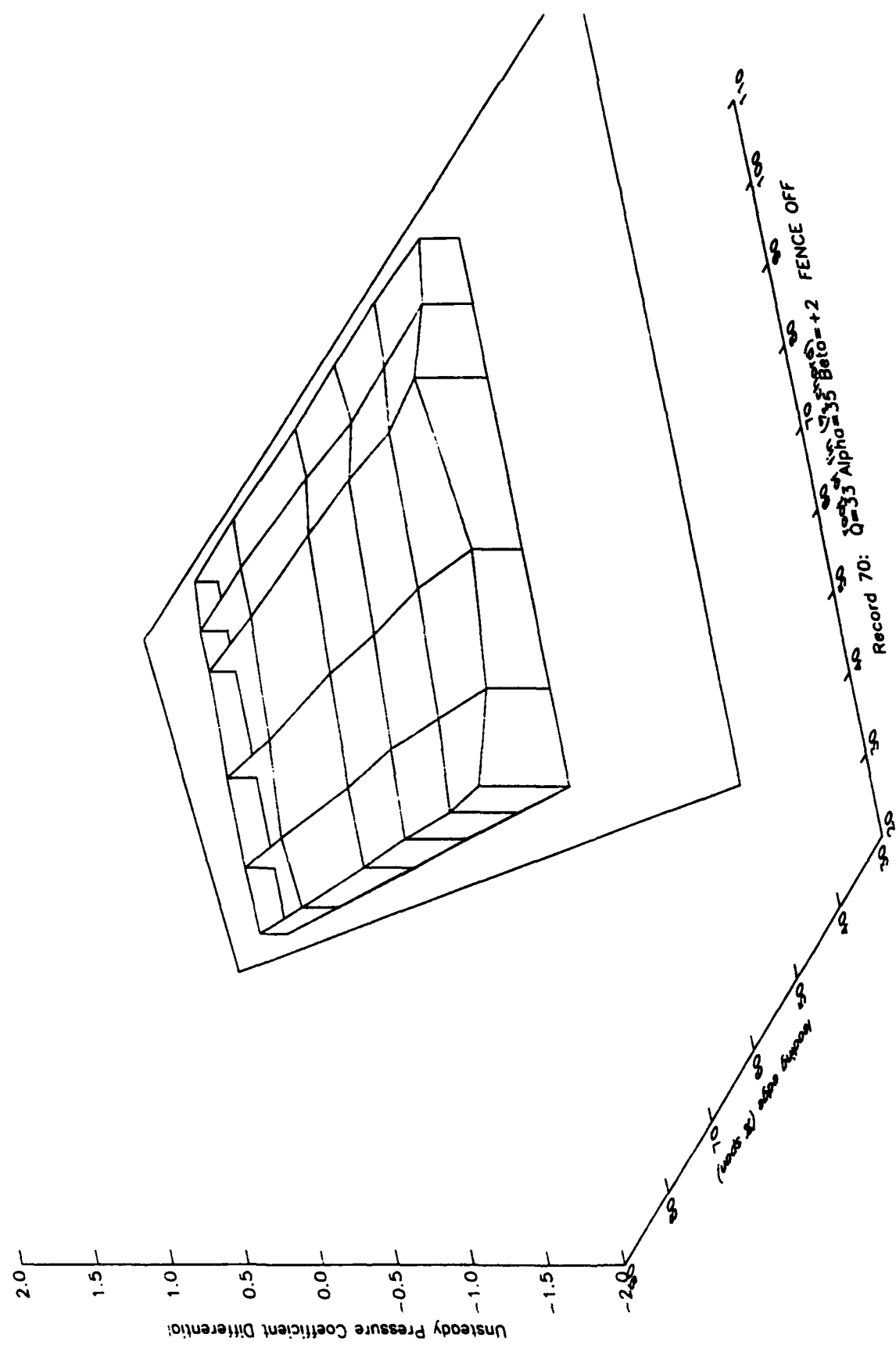
F-18 Tail Buffet Test



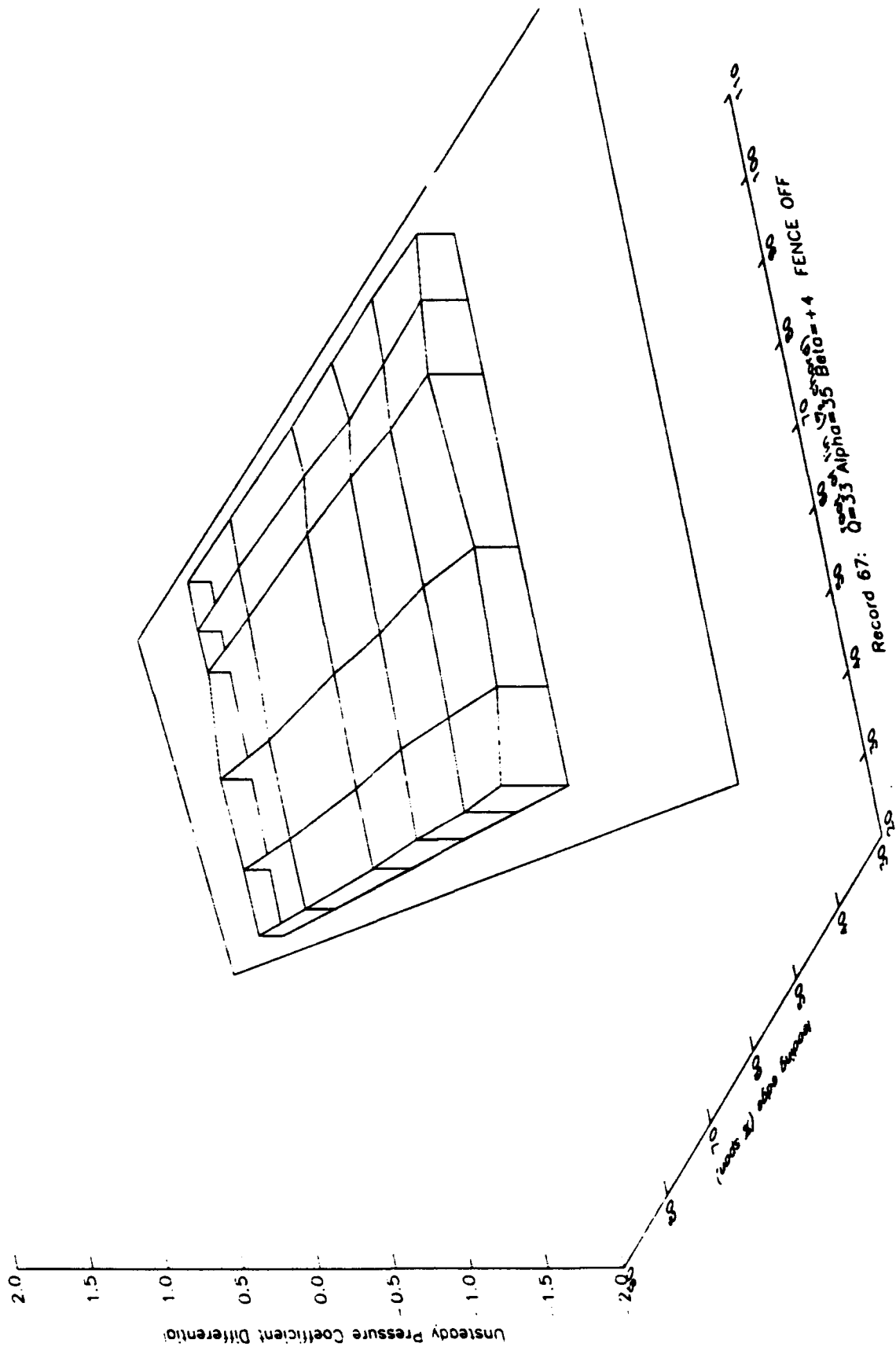
F-18 Tail Buffet Test



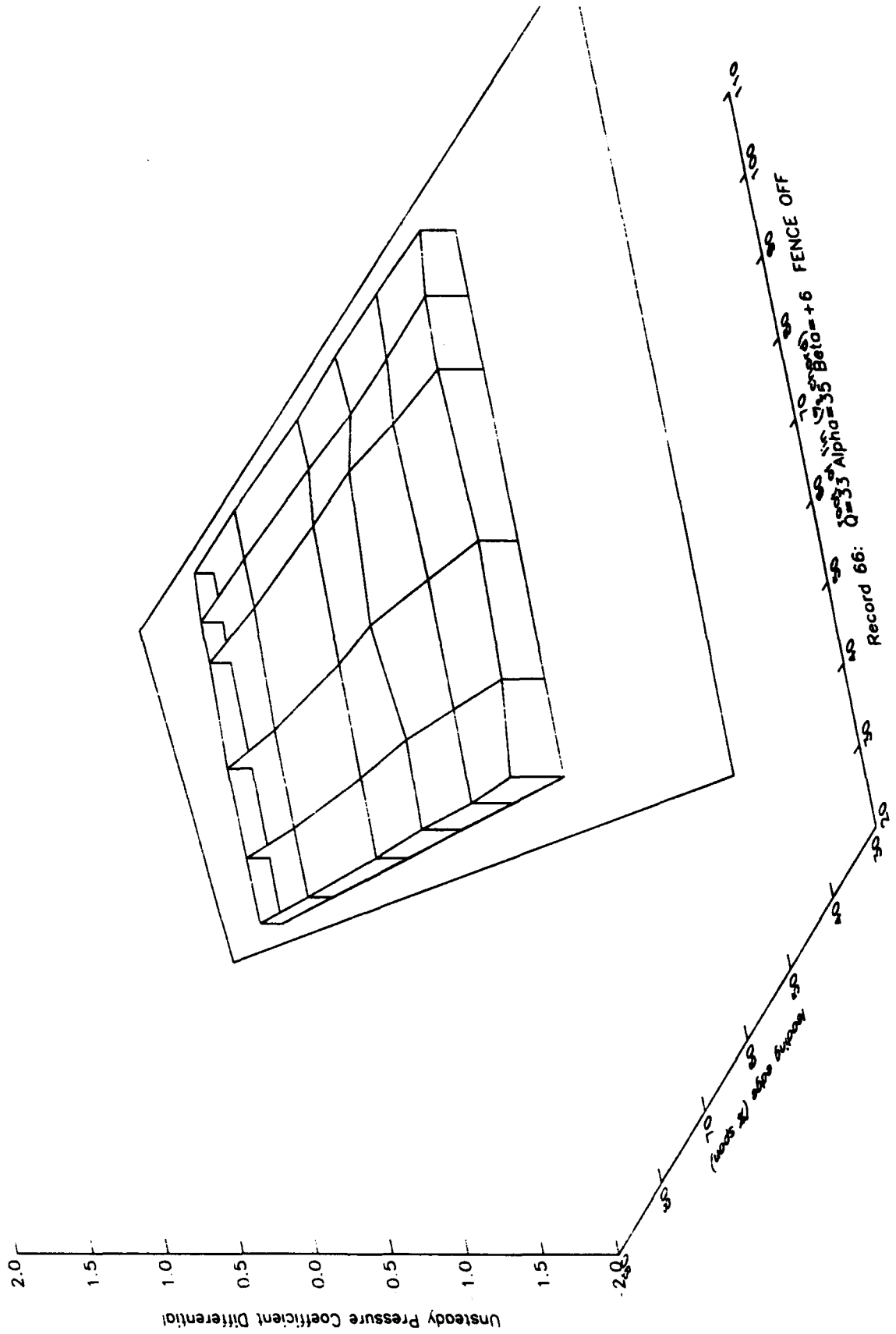
F-18 Tail Buffet Test



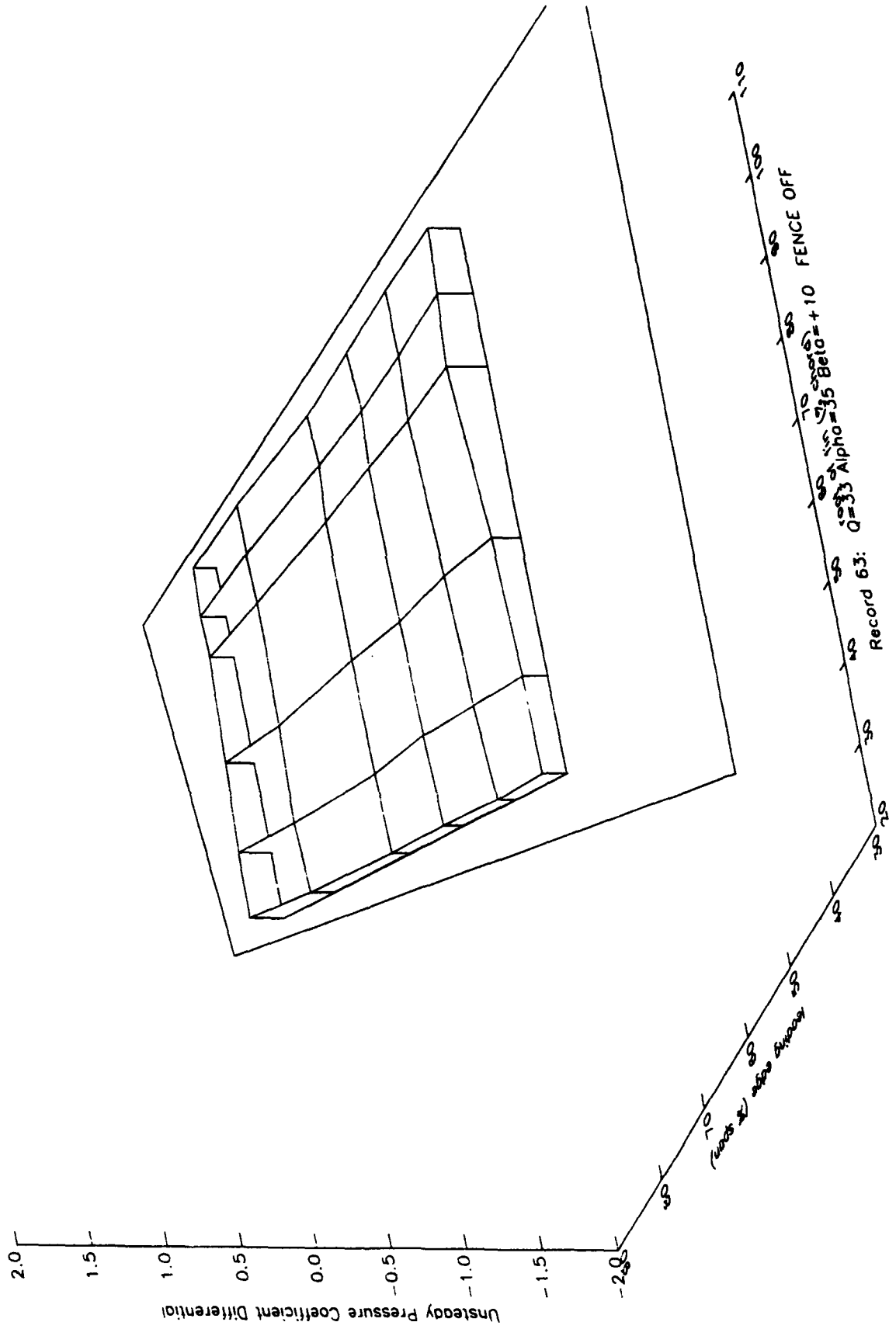
f-18 Tail Buffet Test



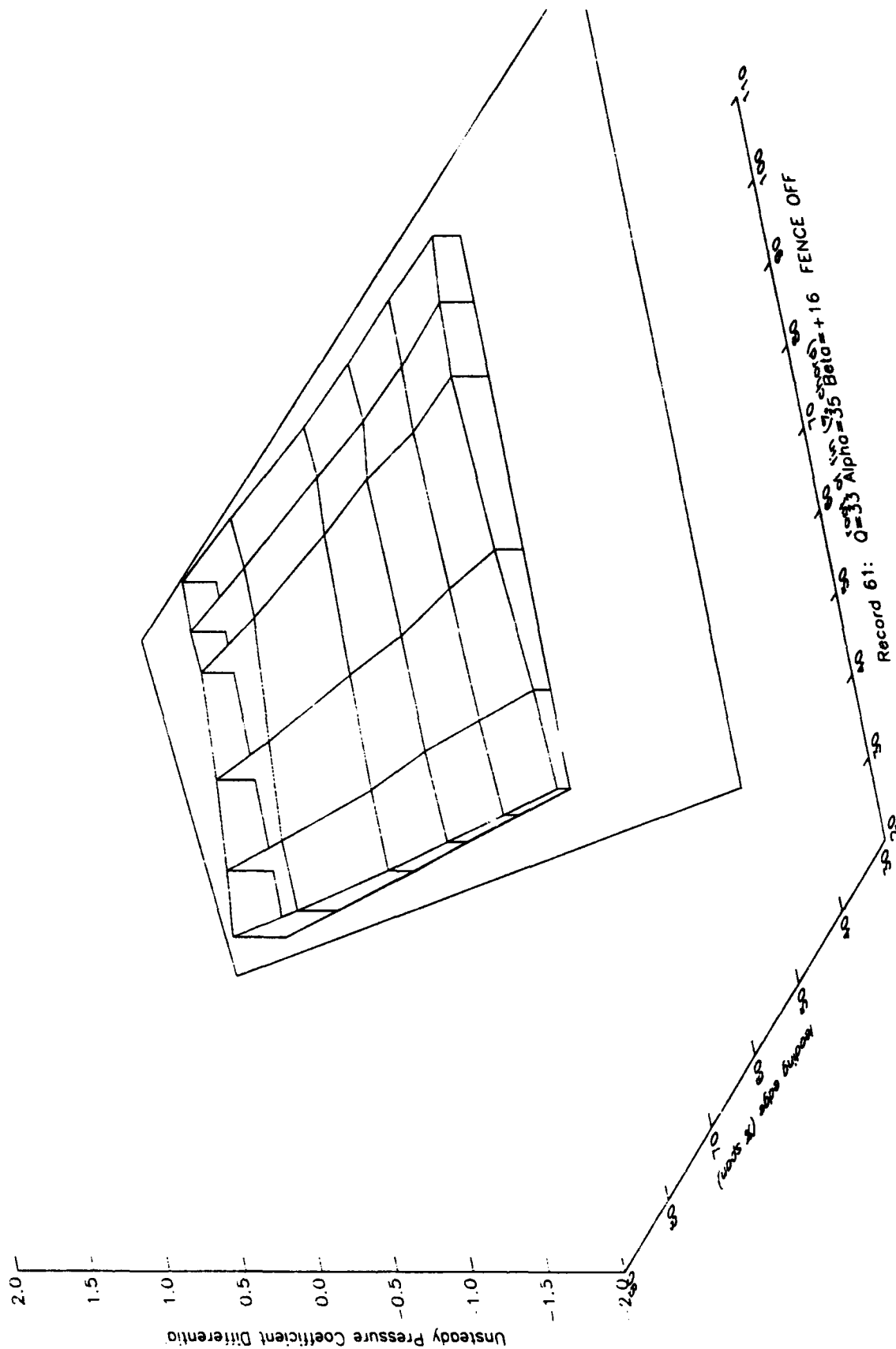
F-18 Tail Buffet Test



F-18 Tail Buffet Test

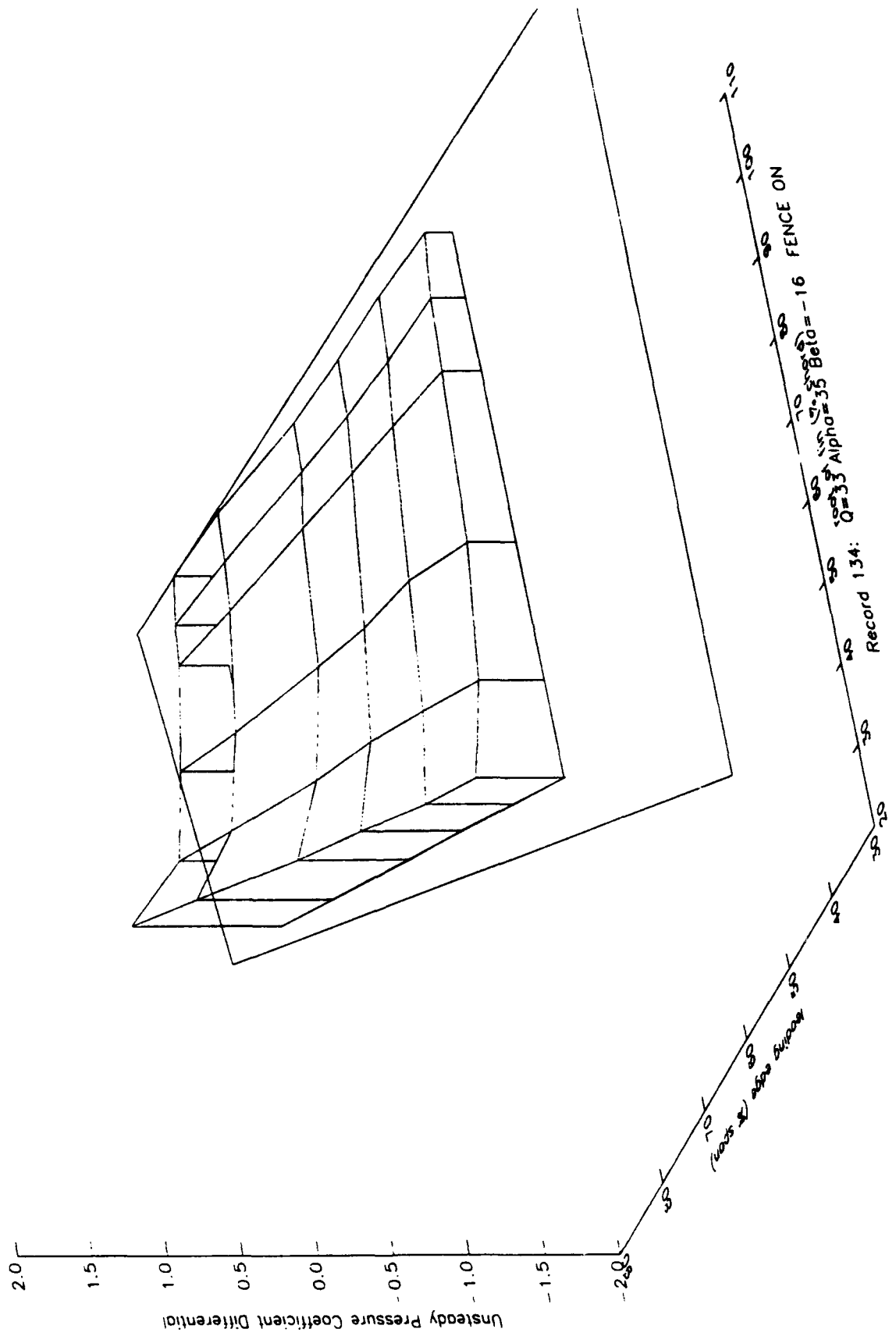


F-18 Tail Buffet Test

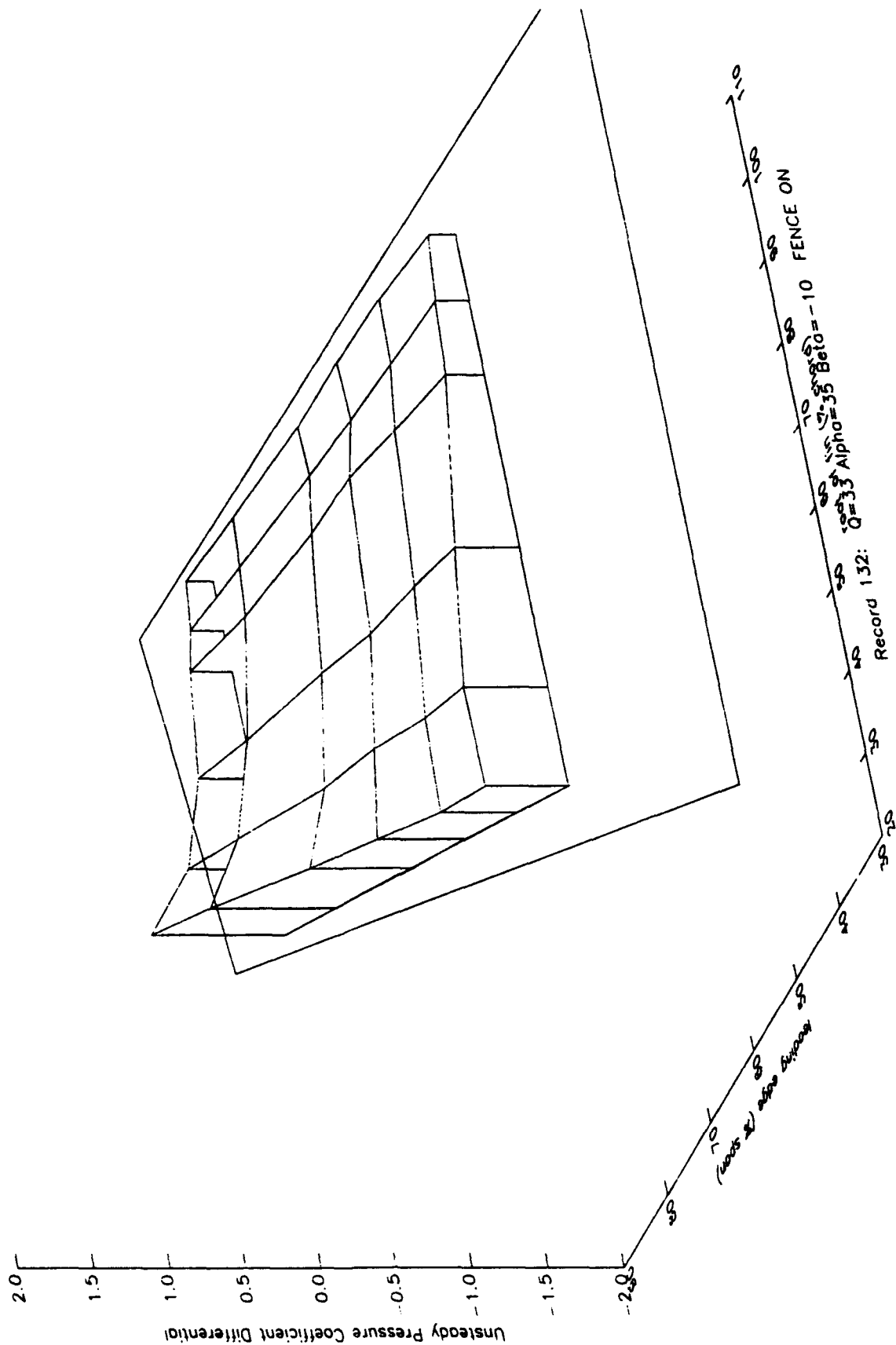


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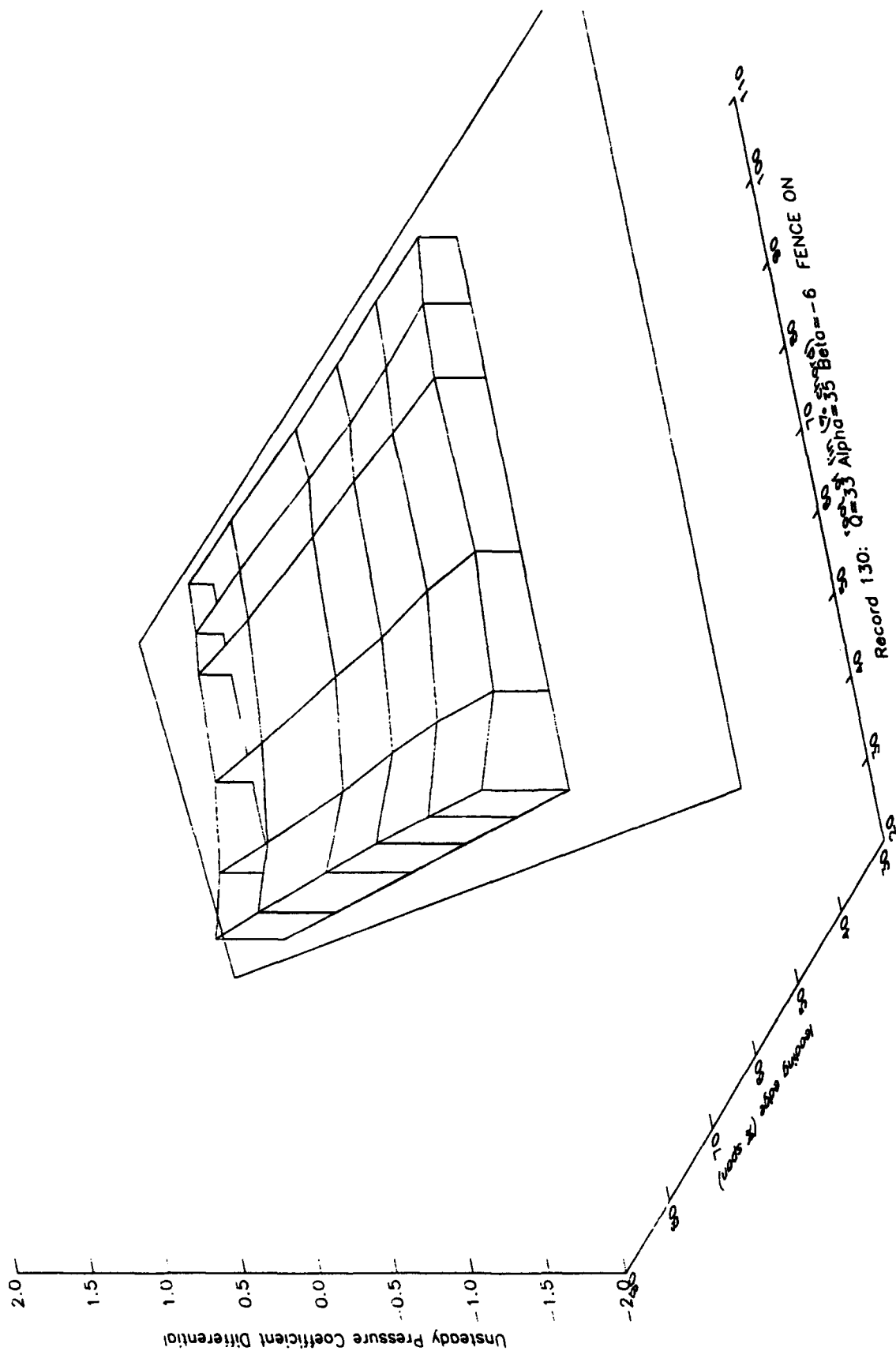
F-18 Tail Buffet Test

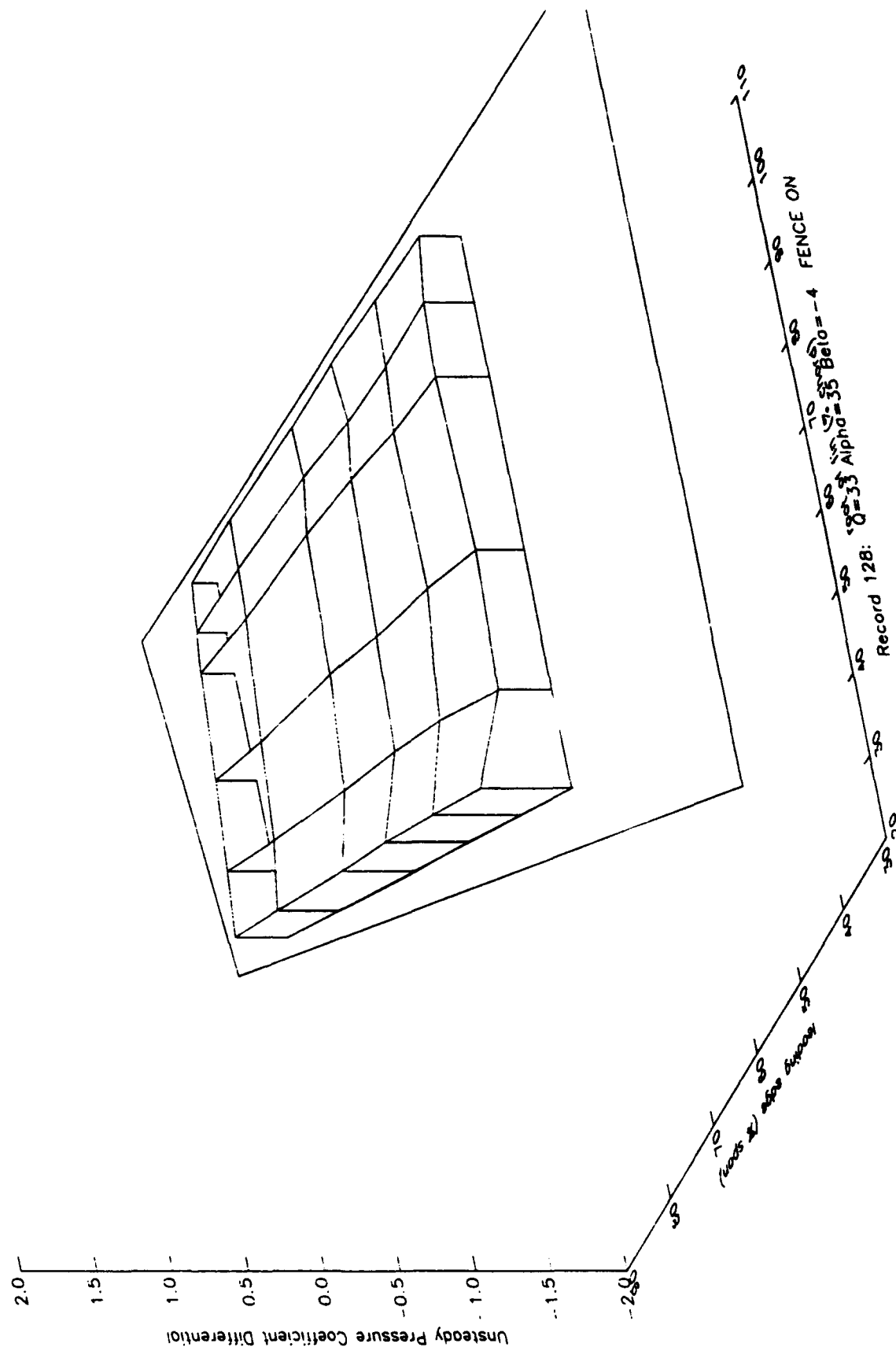


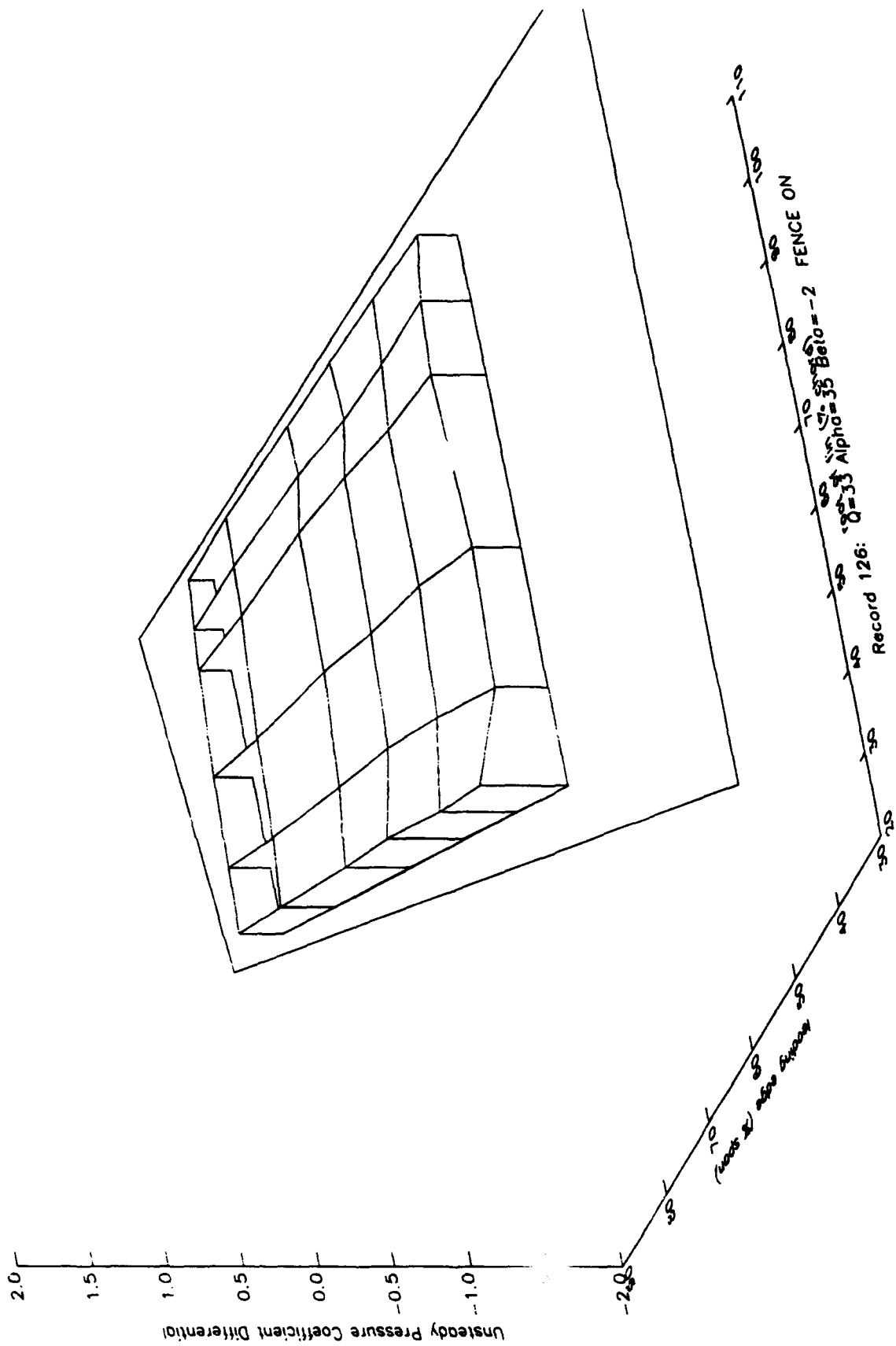
F-18 Tail Buffet Test



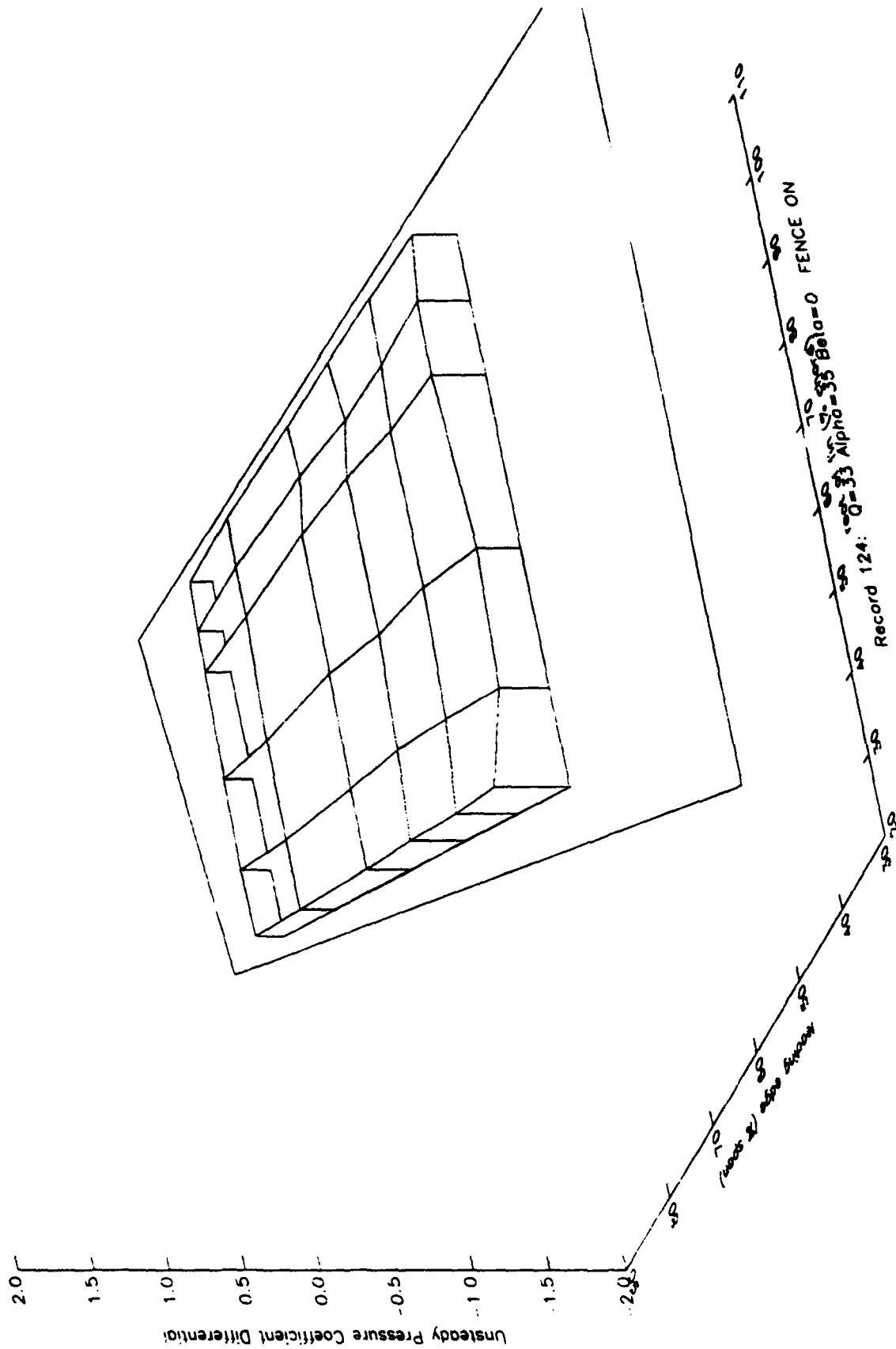
F-18 Tail Buffet Test



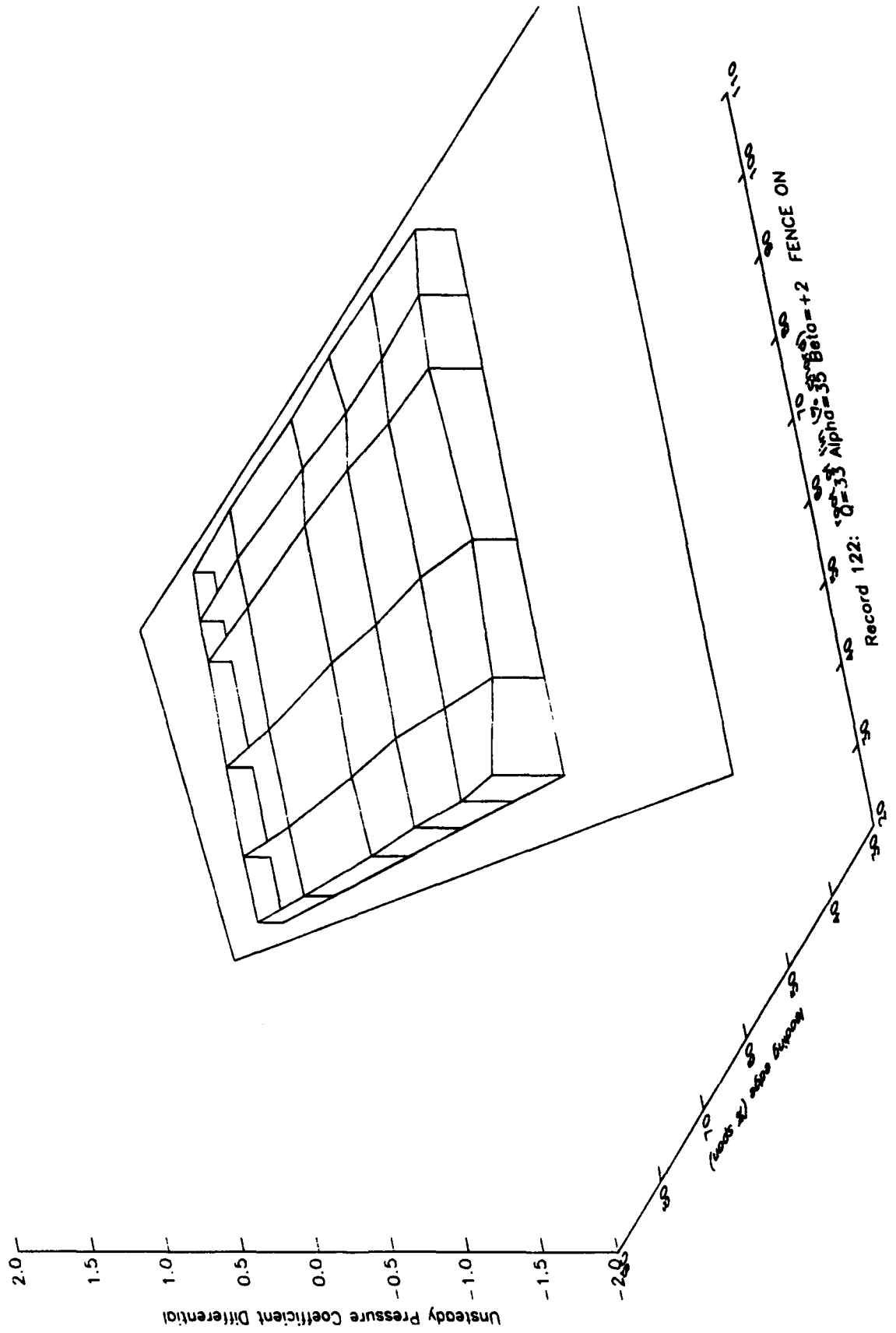




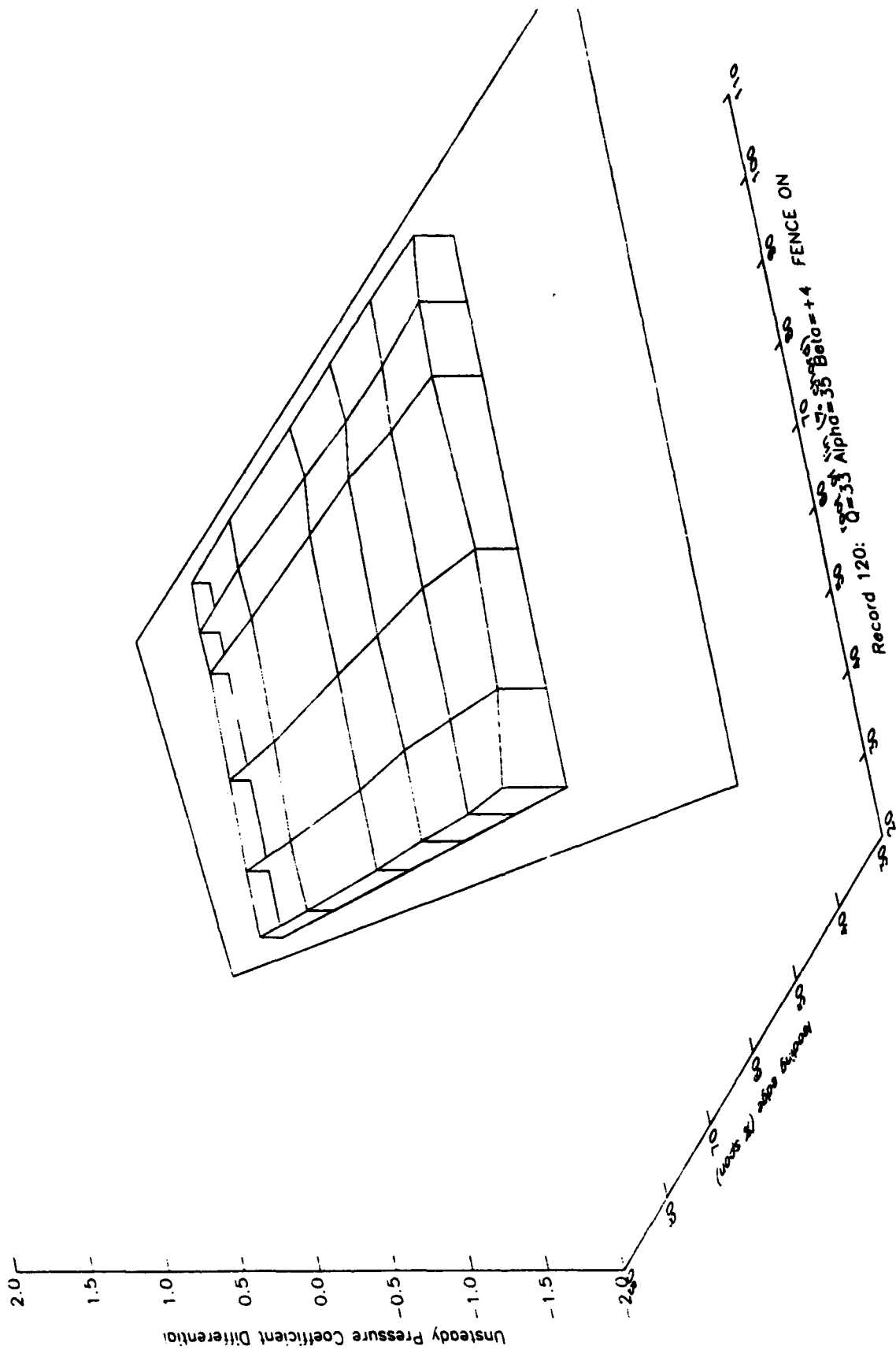
r-18 Tail Buffet Test



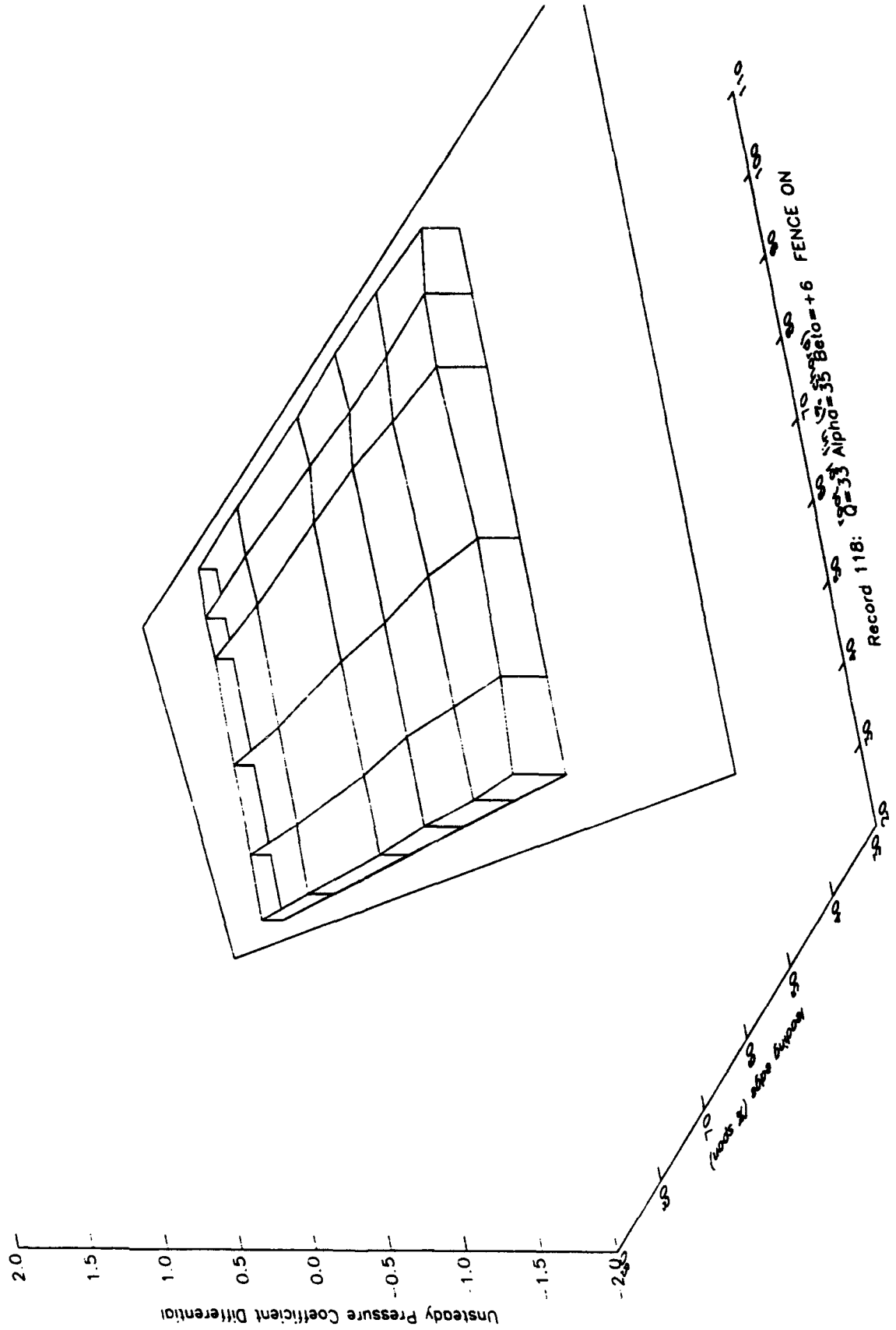
F-18 Tail Buffet Test



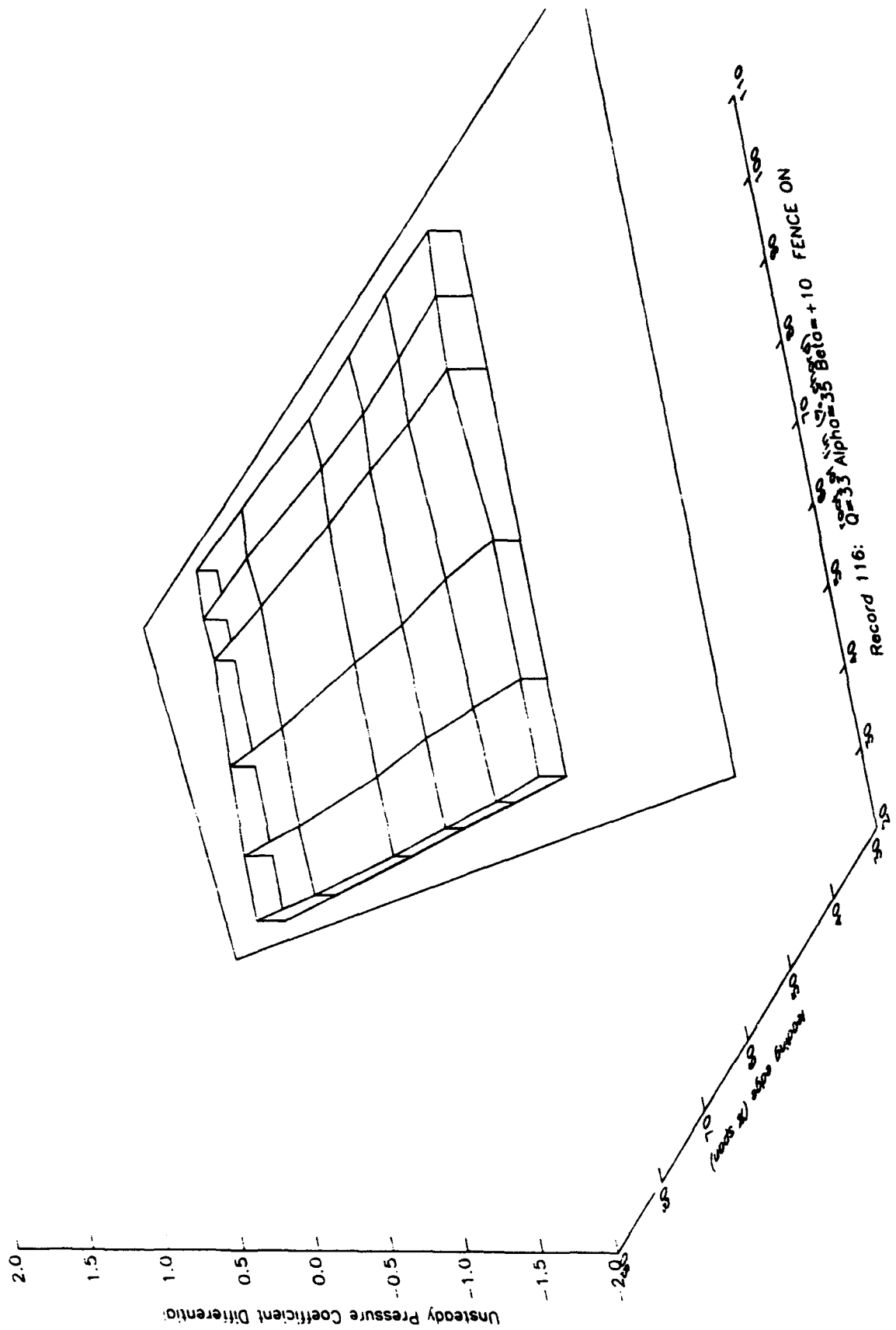
F-18 Tail Buffet Test



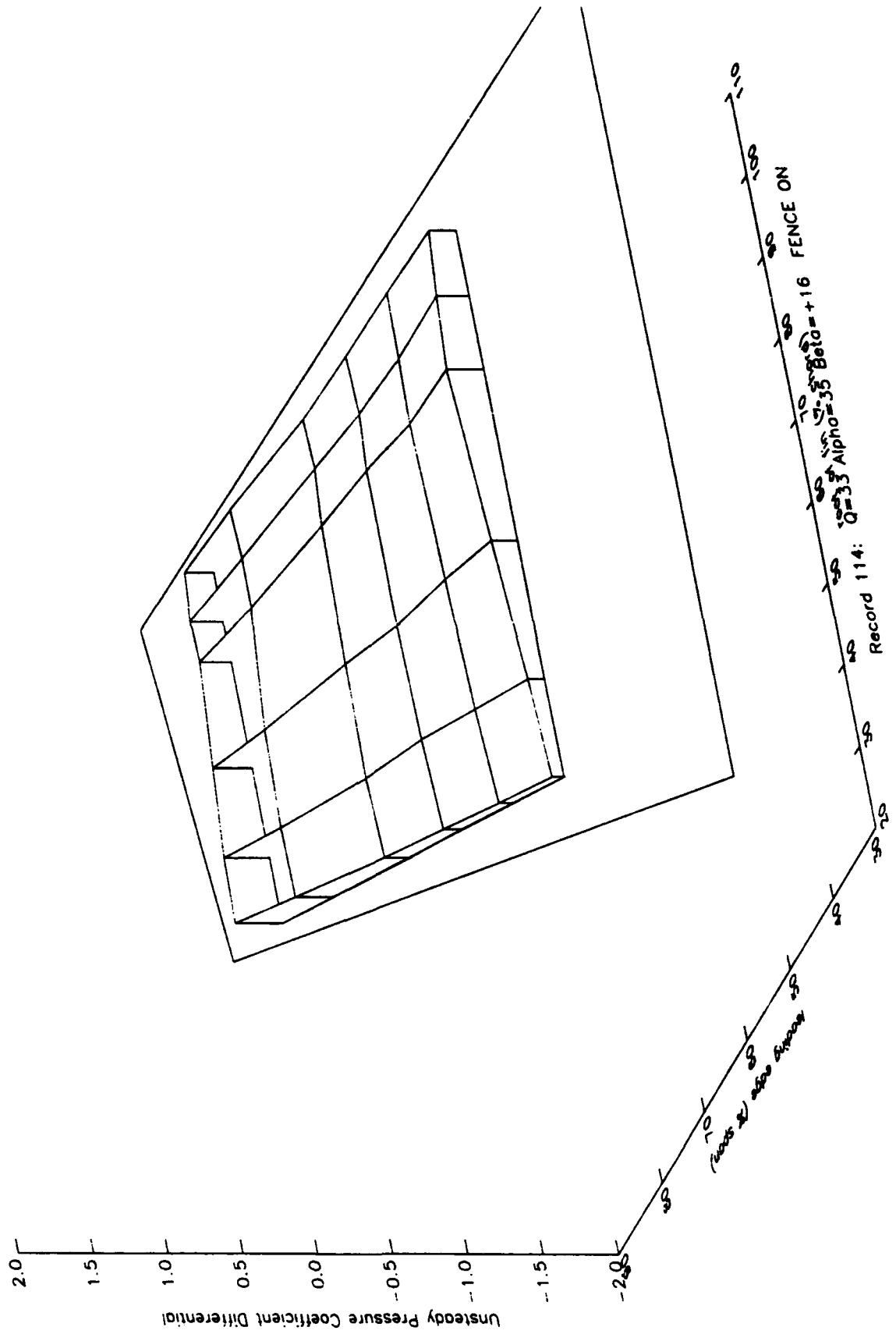
F-18 Tail Buffet Test



F-18 Tail Buffet Test



F-18 Tail Buffet Test



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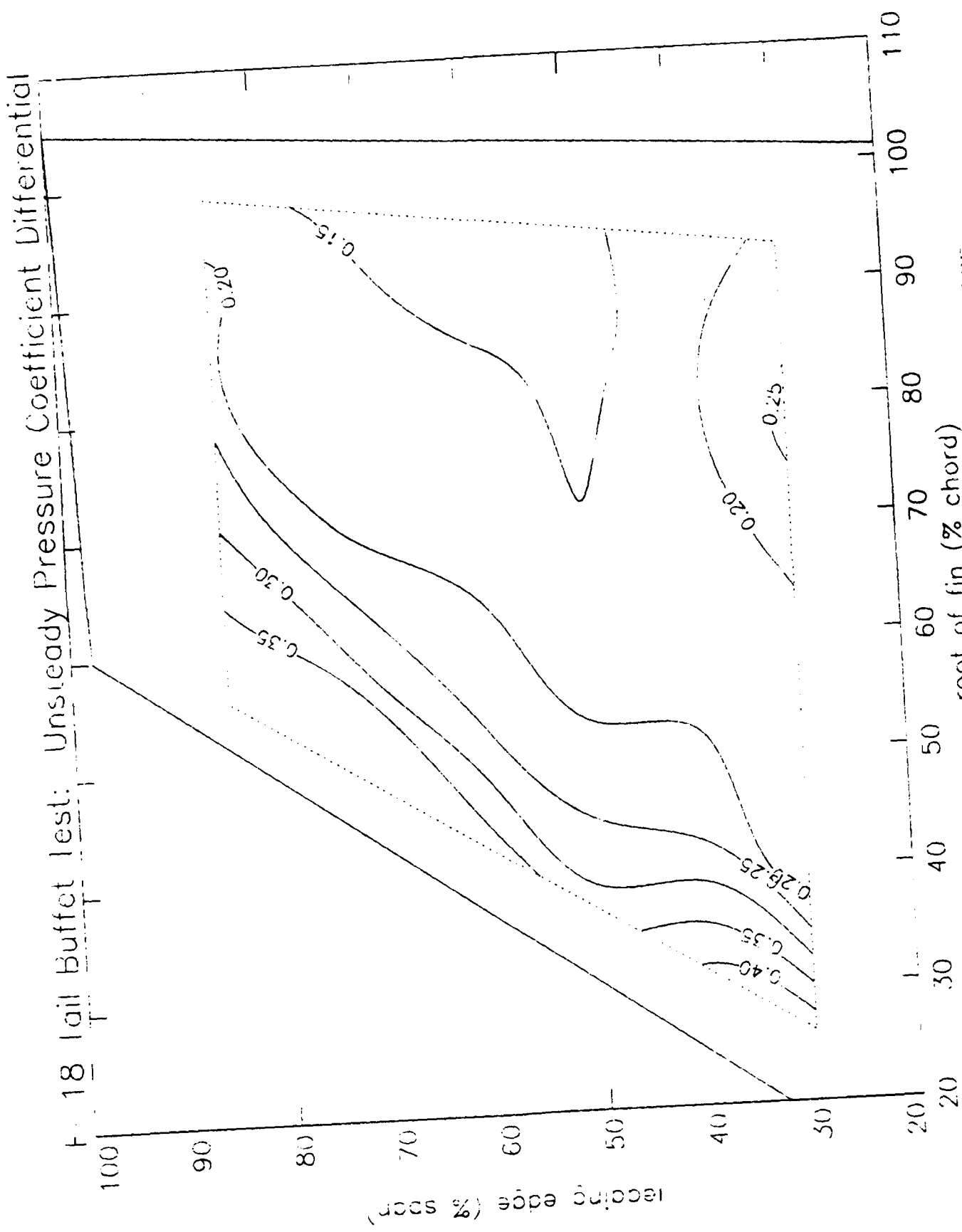
**Root-Mean-Square Pressure Coefficient Differential
Contour Plots**

Angle-of-Attack Sweeps at $Q = 20$ and 33 psf

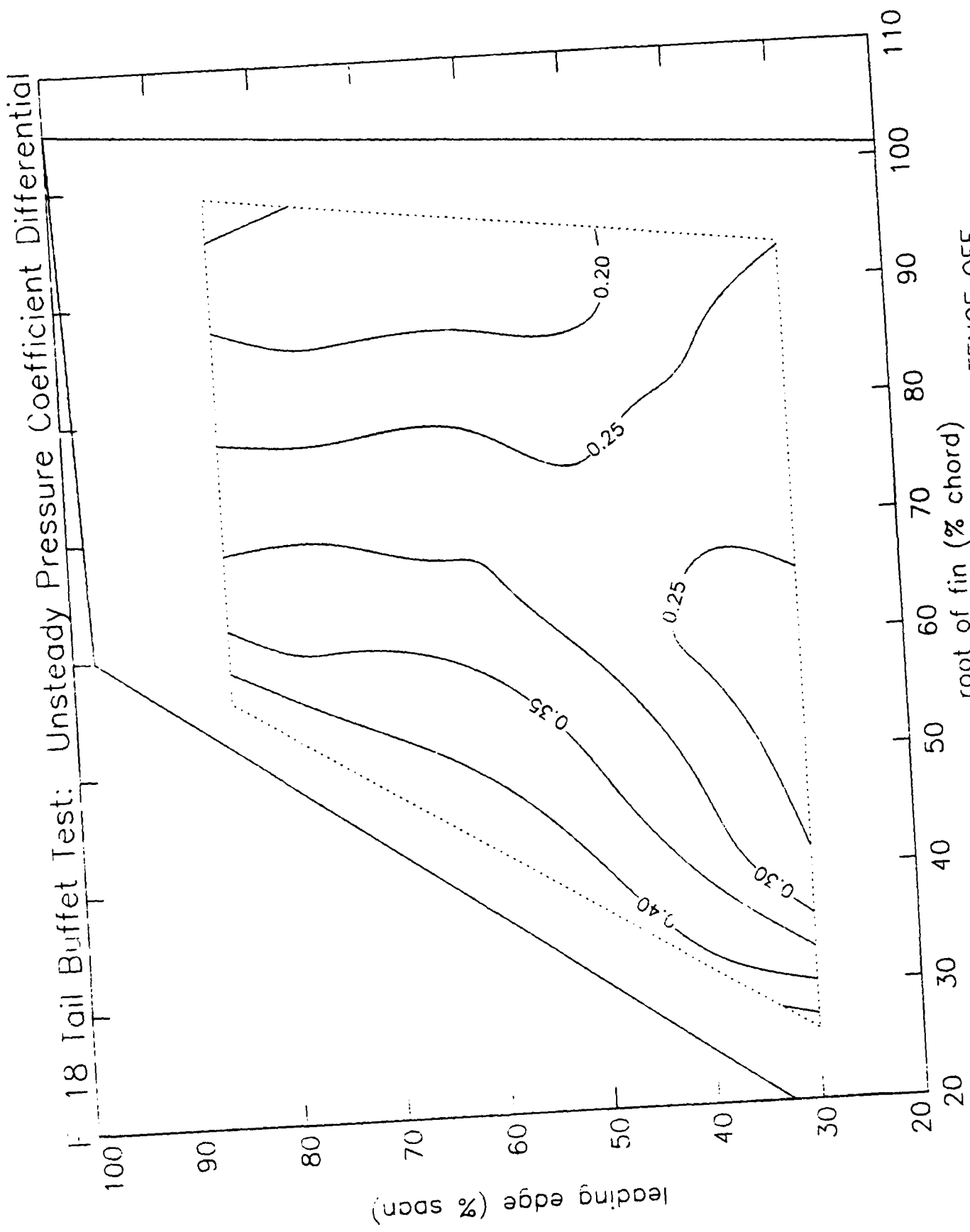
Angle-of-Attack: 20, 24, 26, 28, 30, 32, 36, and 40 *deg* at 33 *psf*
: 26 and 28 *deg* at 20 *psf*

Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fin (% chord)."

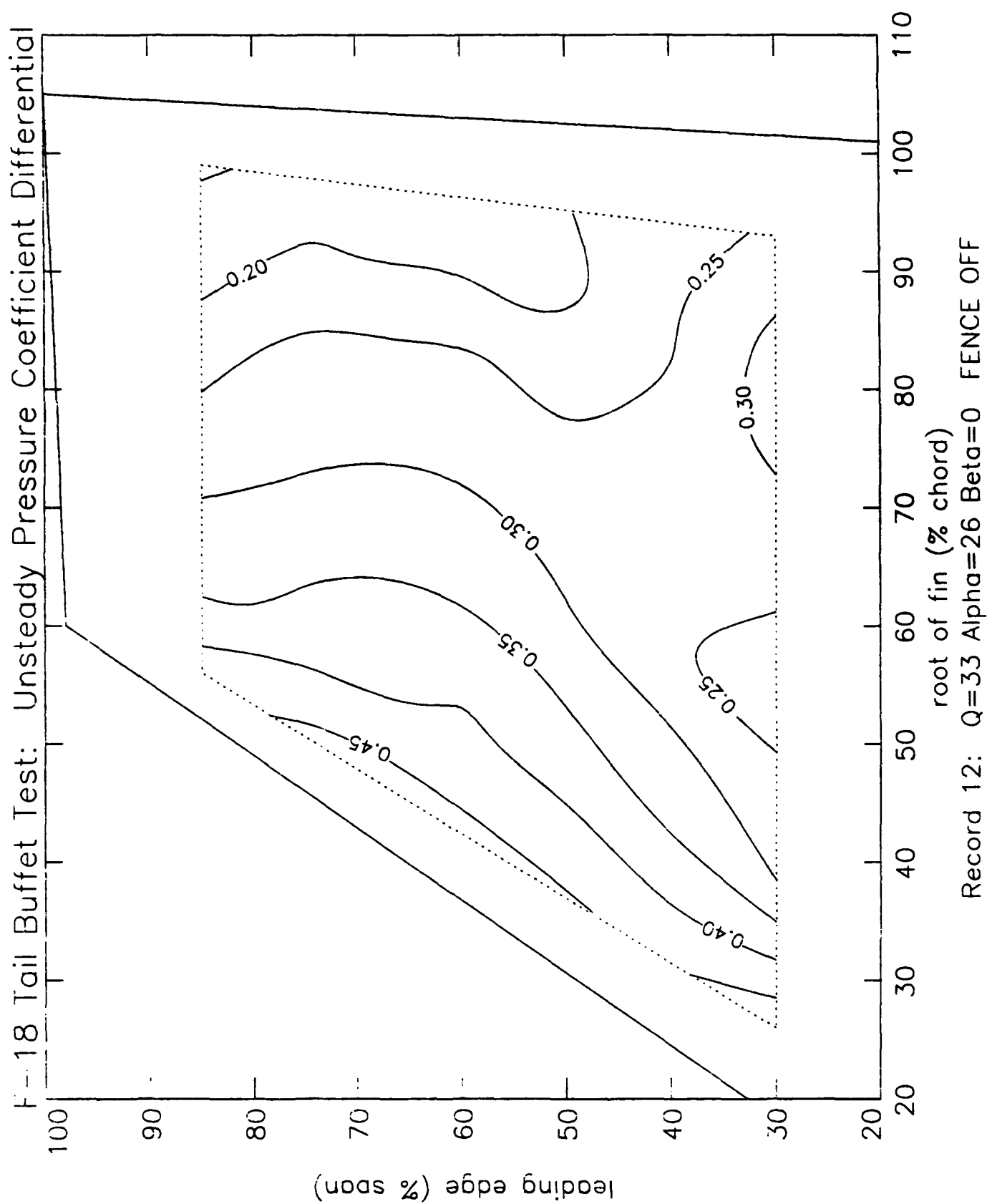
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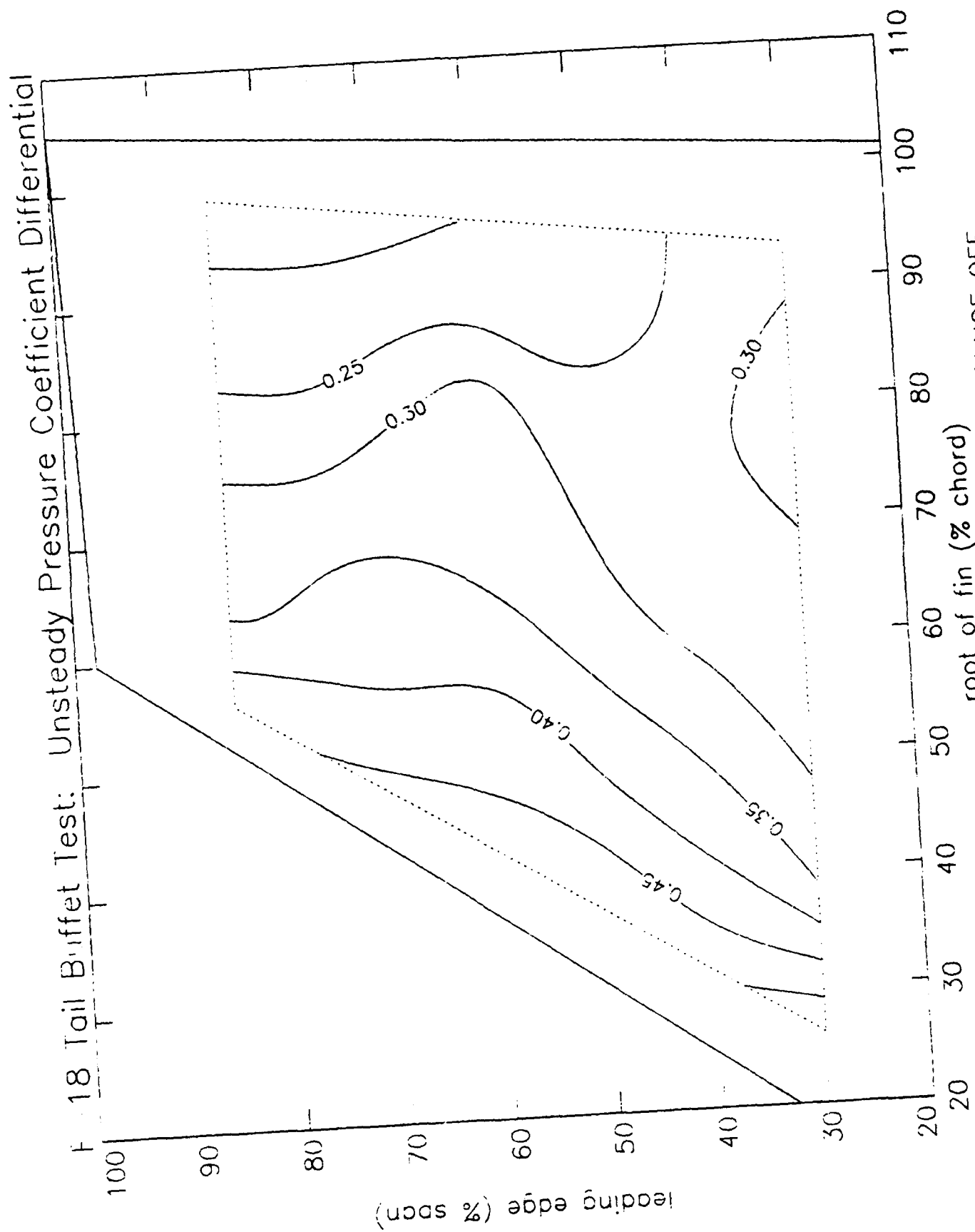


Record 9: $Q=3.3$ $\text{Alpha}=20$ $\text{Beta}=0$ FENCE OFF

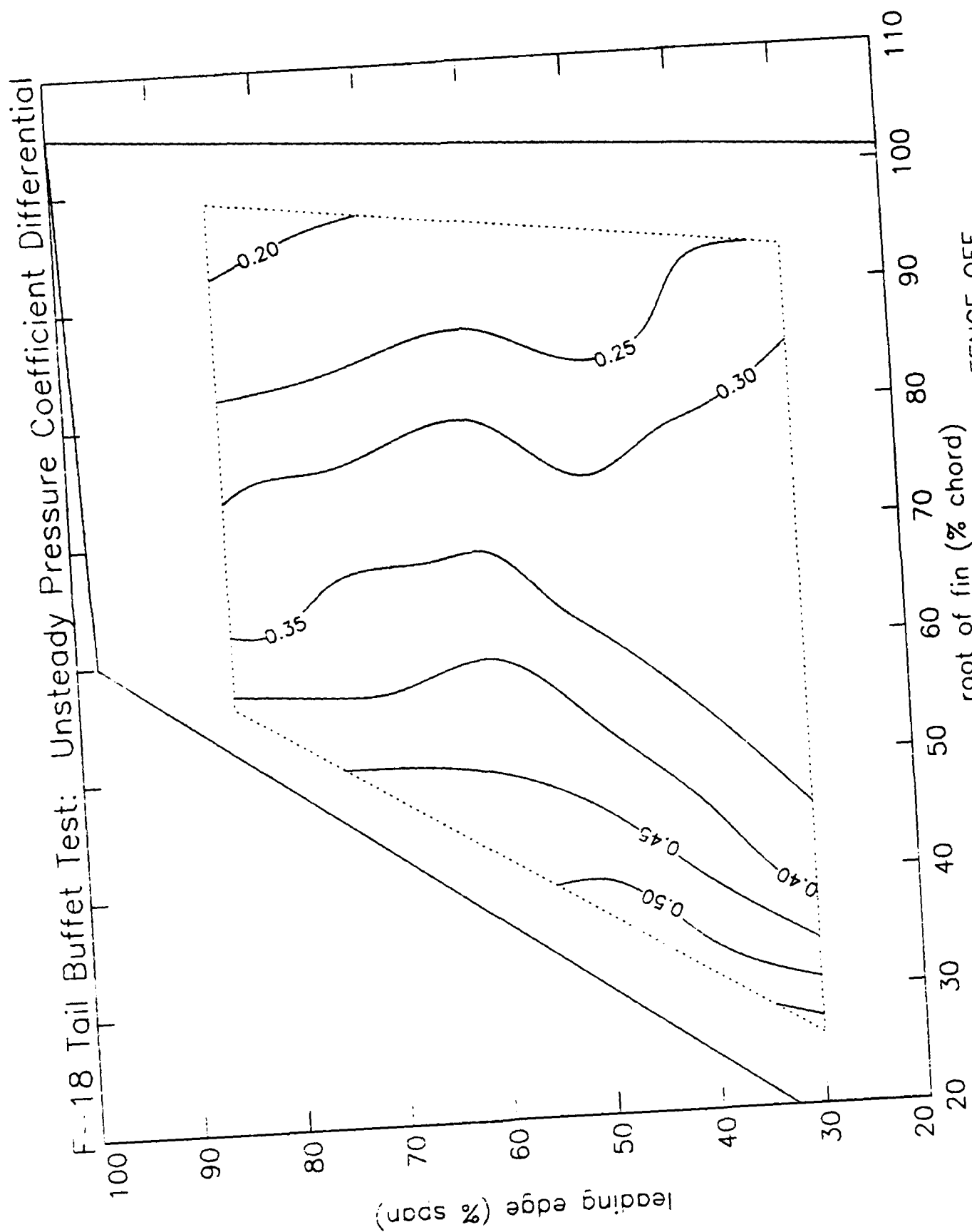


Record 11: $Q=33$ $\text{Alpha}=24$ $\text{Beta}=0$ FENCE OFF

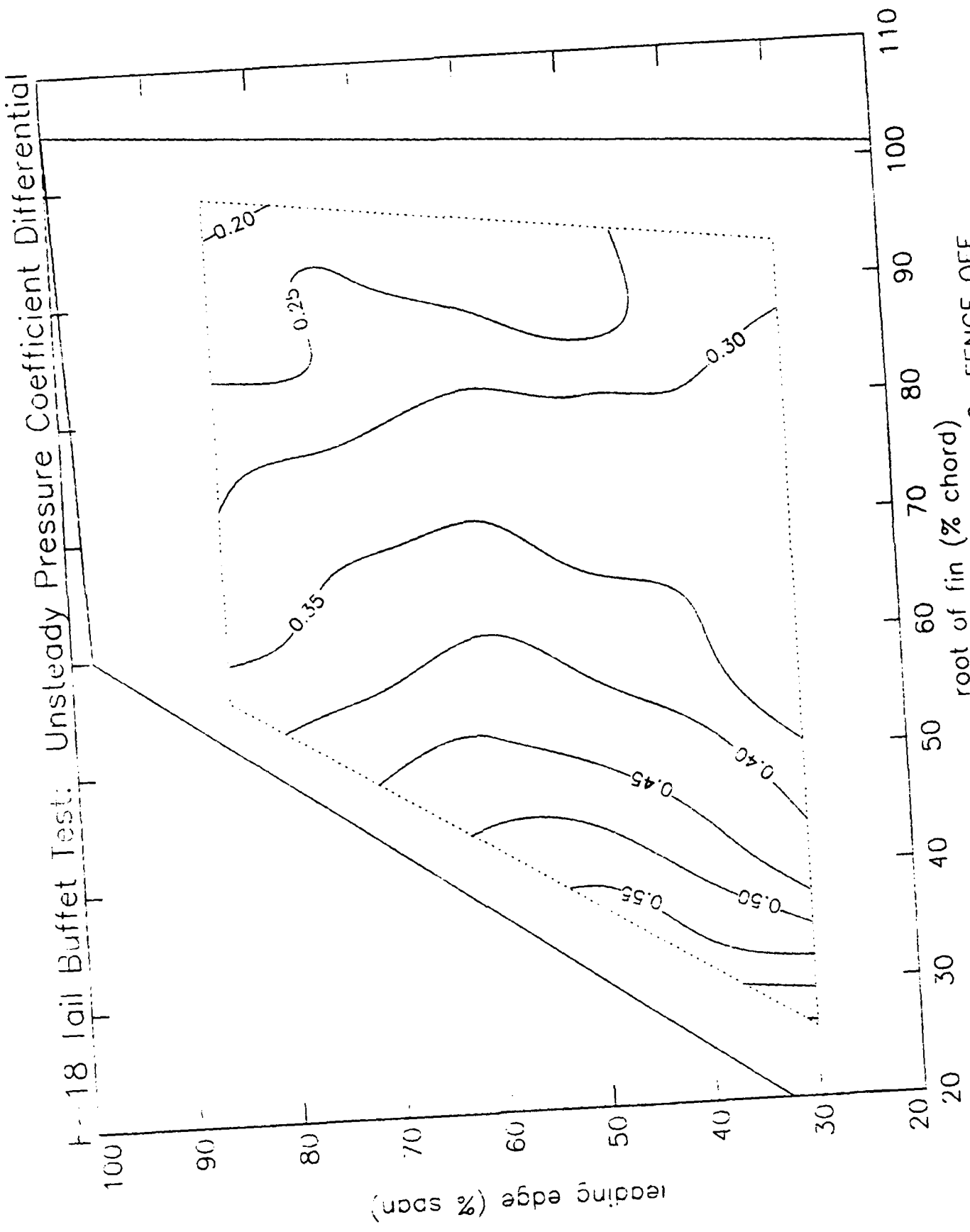




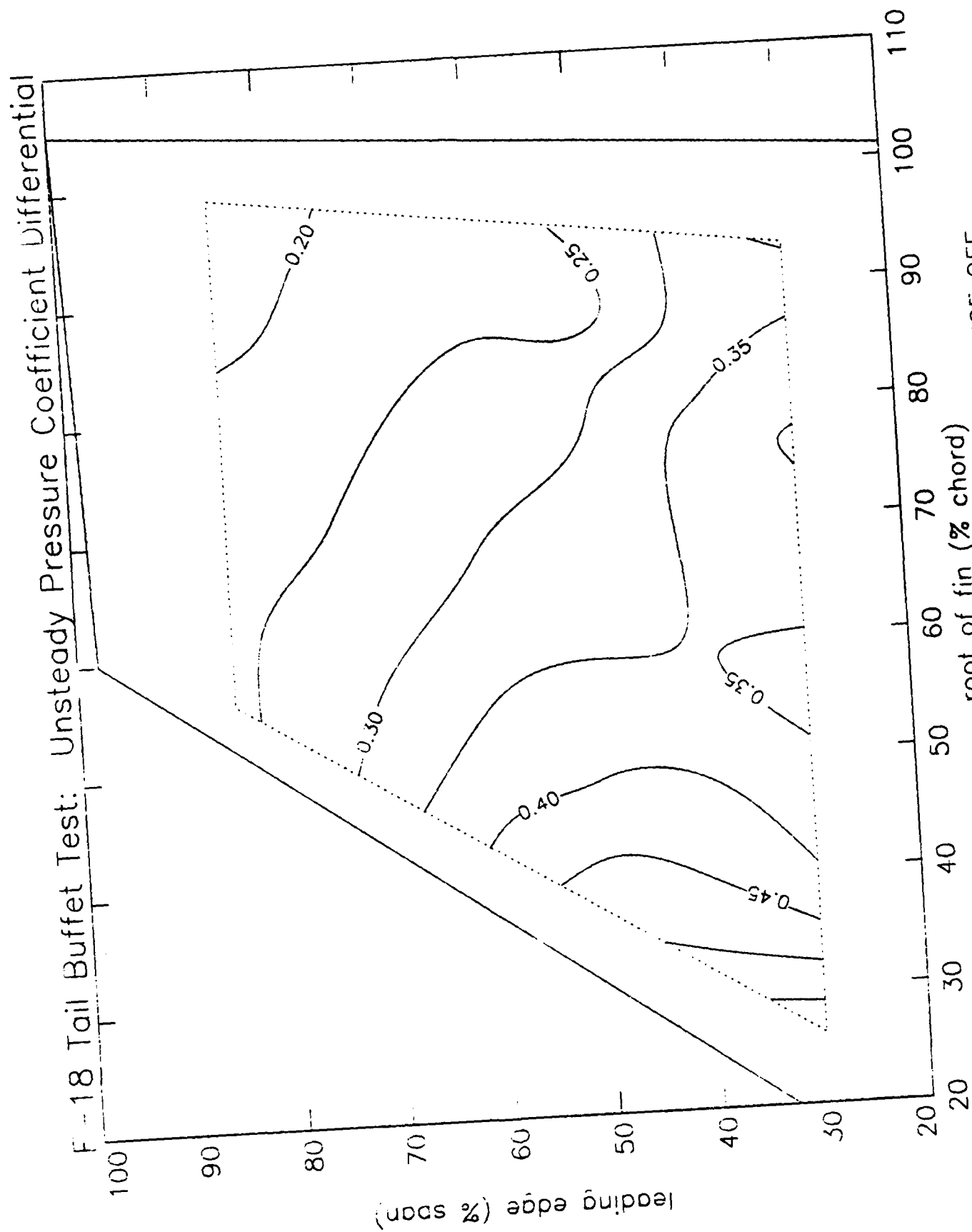
Record 15: $Q=33$ $\alpha=28$ $\beta=0$ Γ LNCE OFF



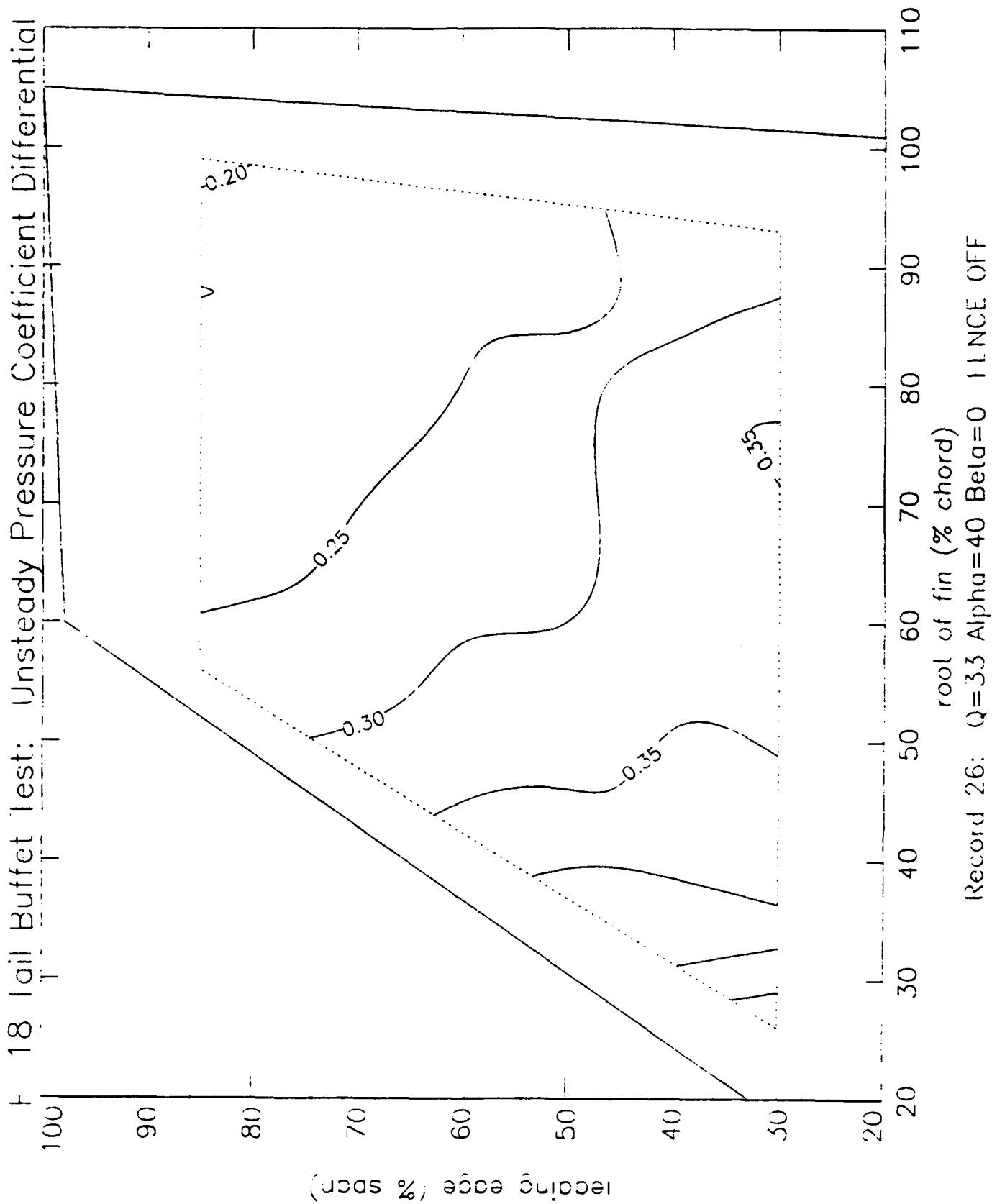
Record 17: $Q=33$ $\alpha=30$ $\beta=0$ FENCE OFF

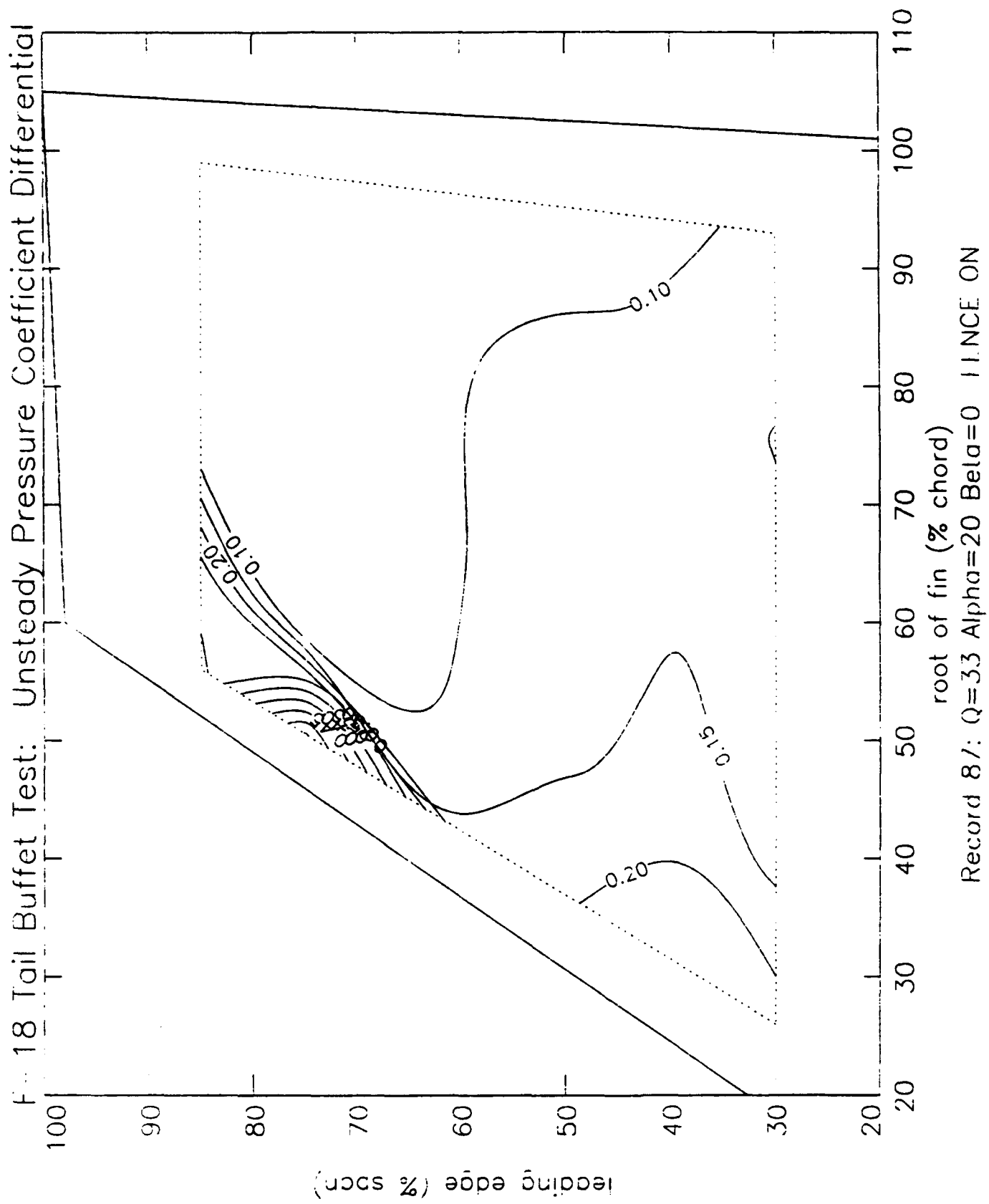


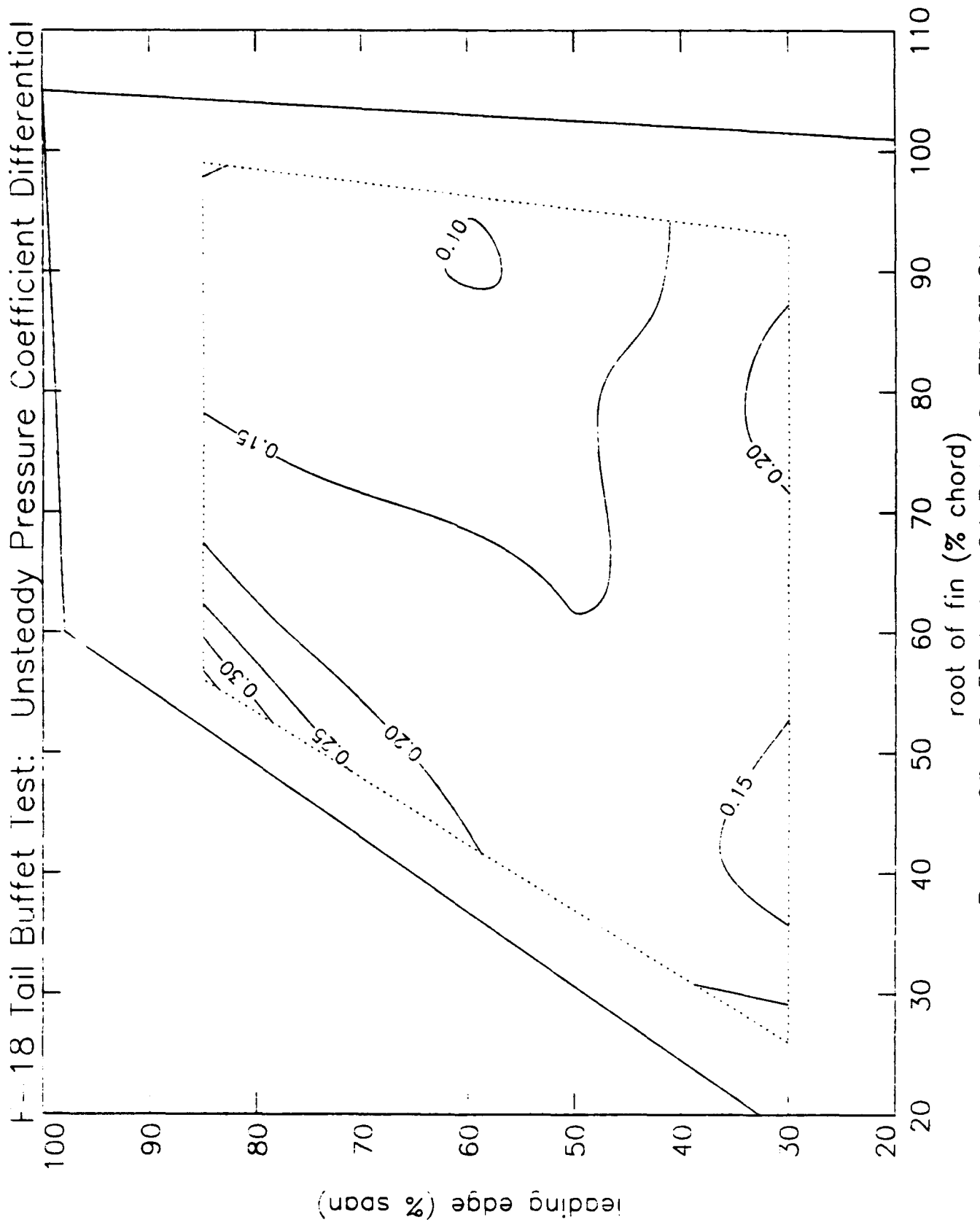
Record 19: Q=33 Alpha=32 Beta=0

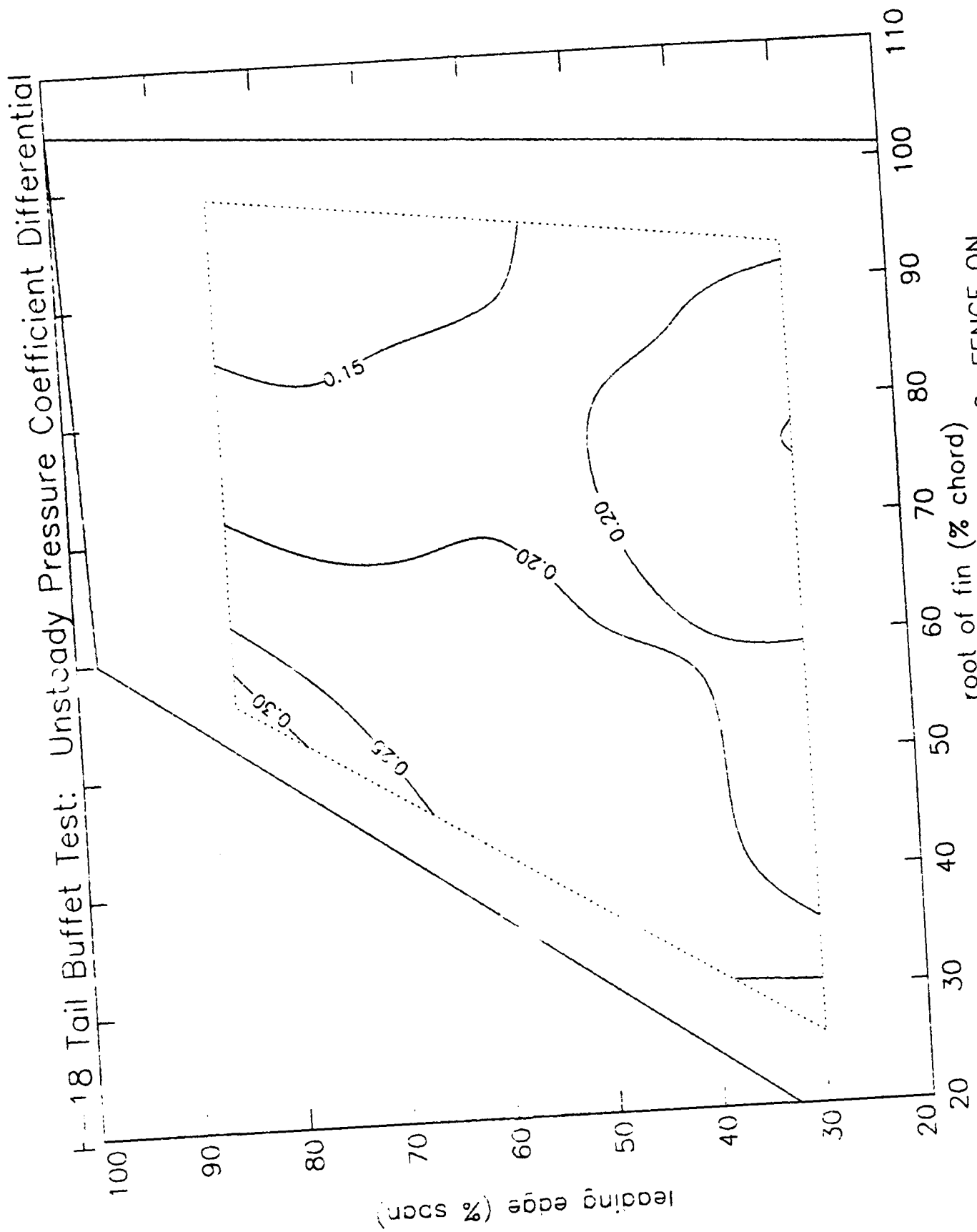


Record 23: $Q=33$ $\alpha=36$ $\beta=0$ FENCE OFF

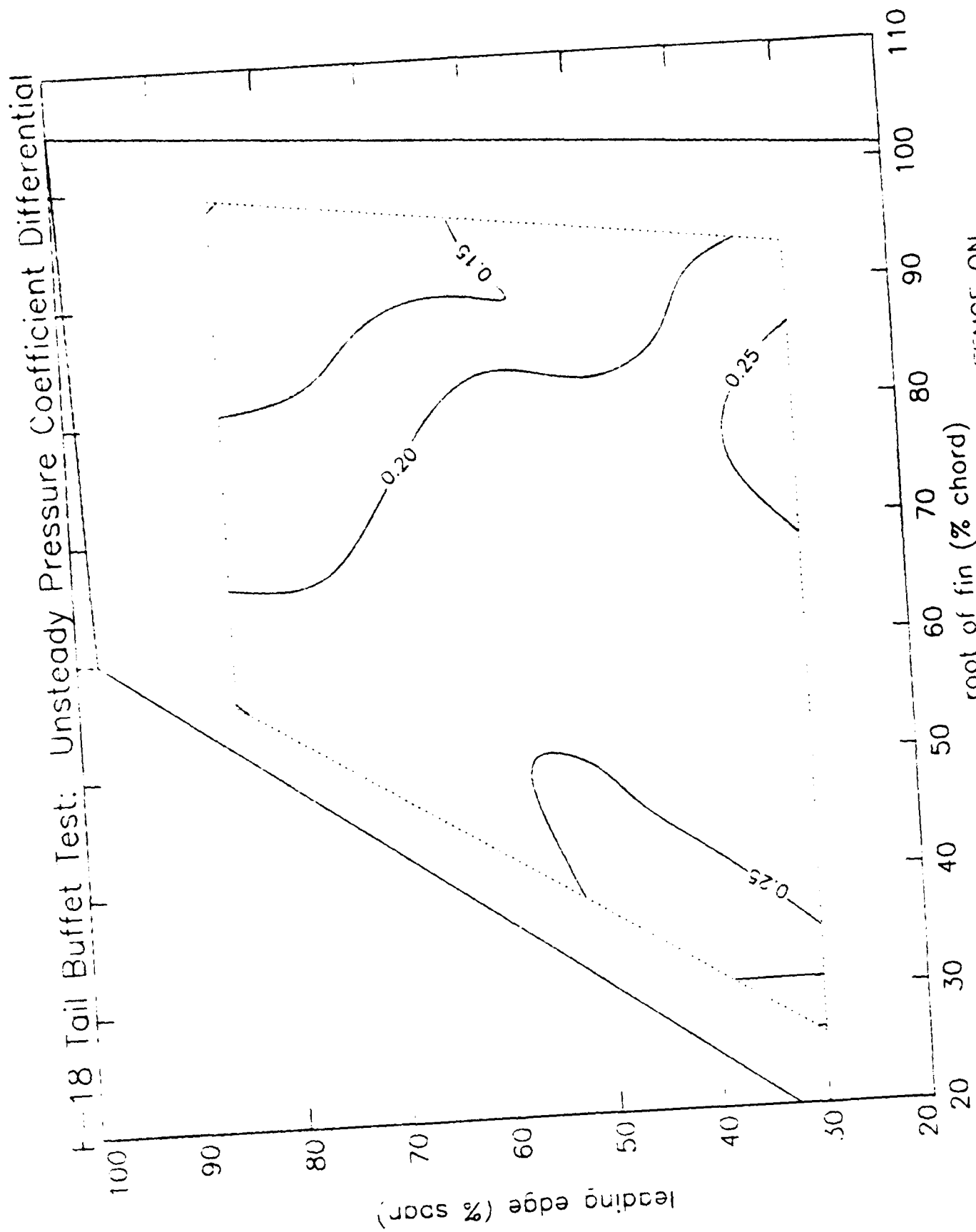




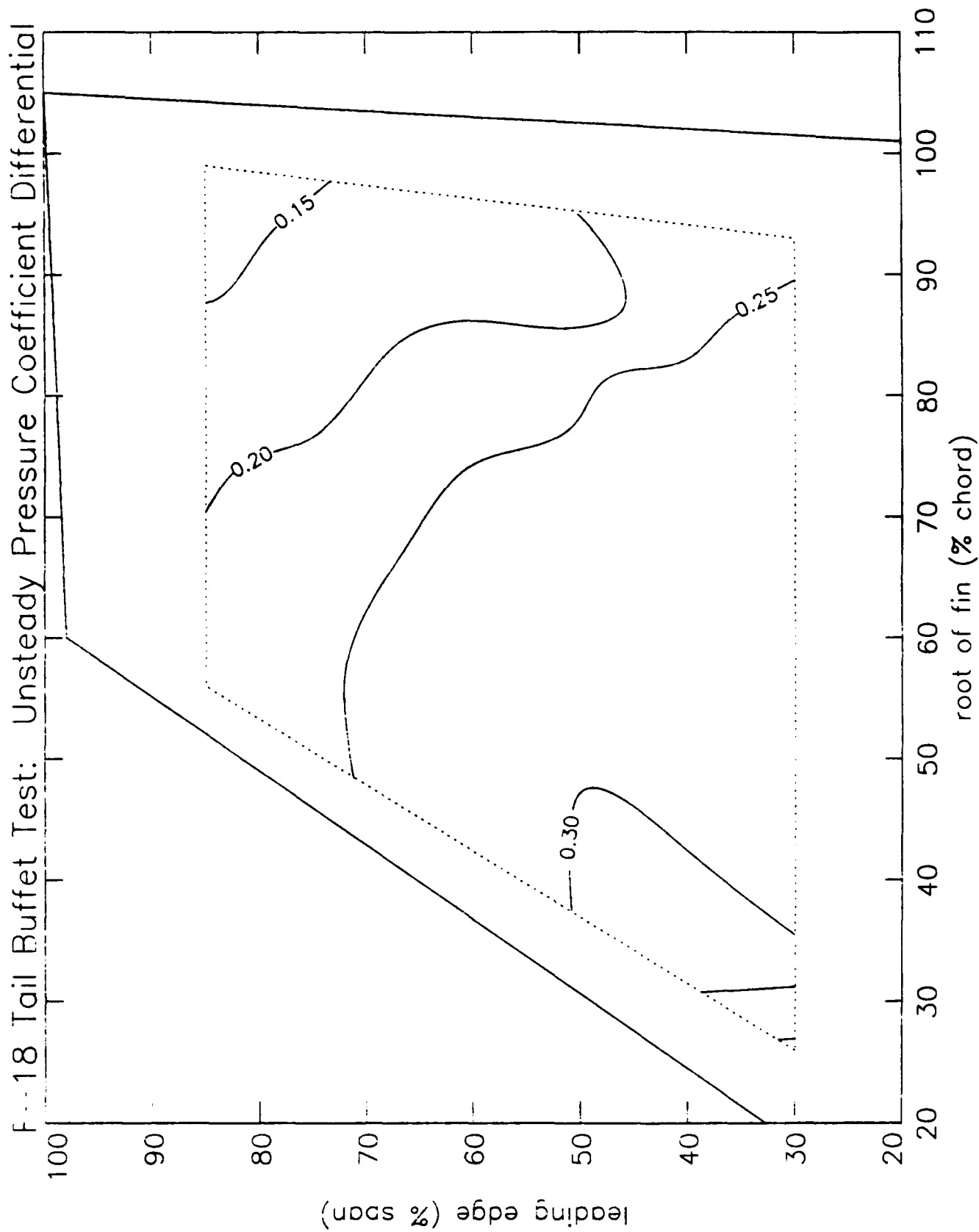




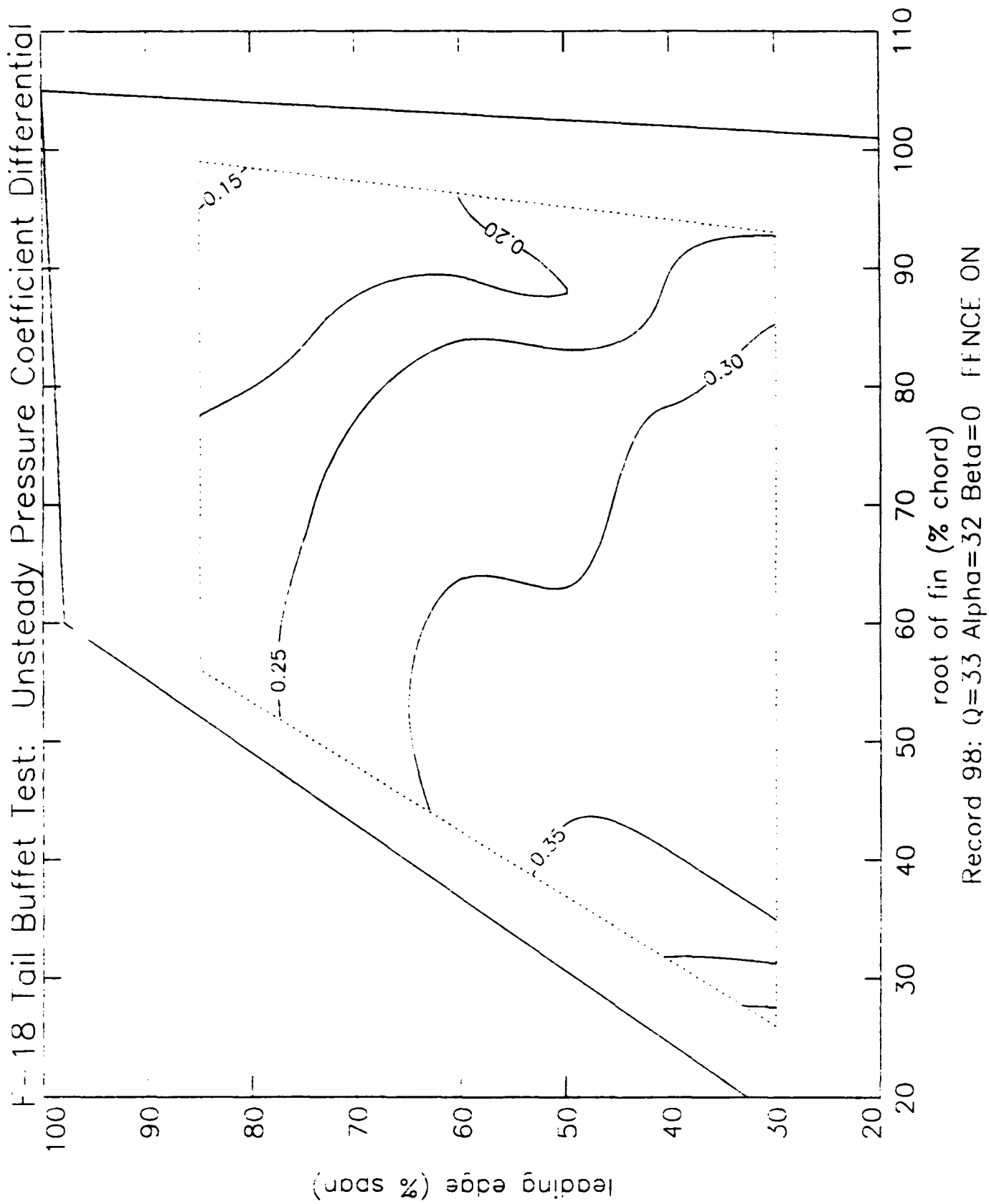
Record 91: $Q=33$ $\text{Alpha}=26$ $\text{Beta}=0$ FENCE ON

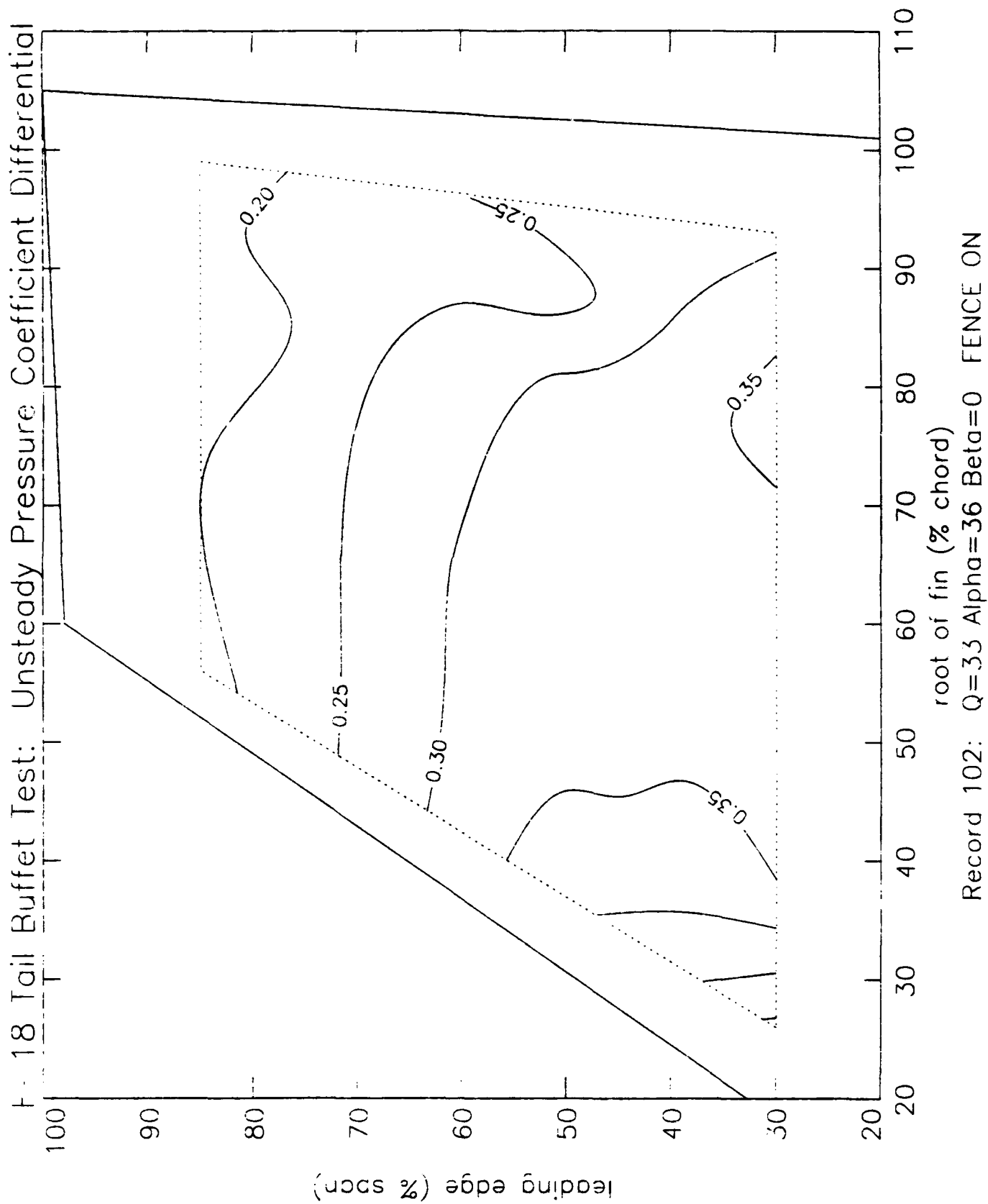


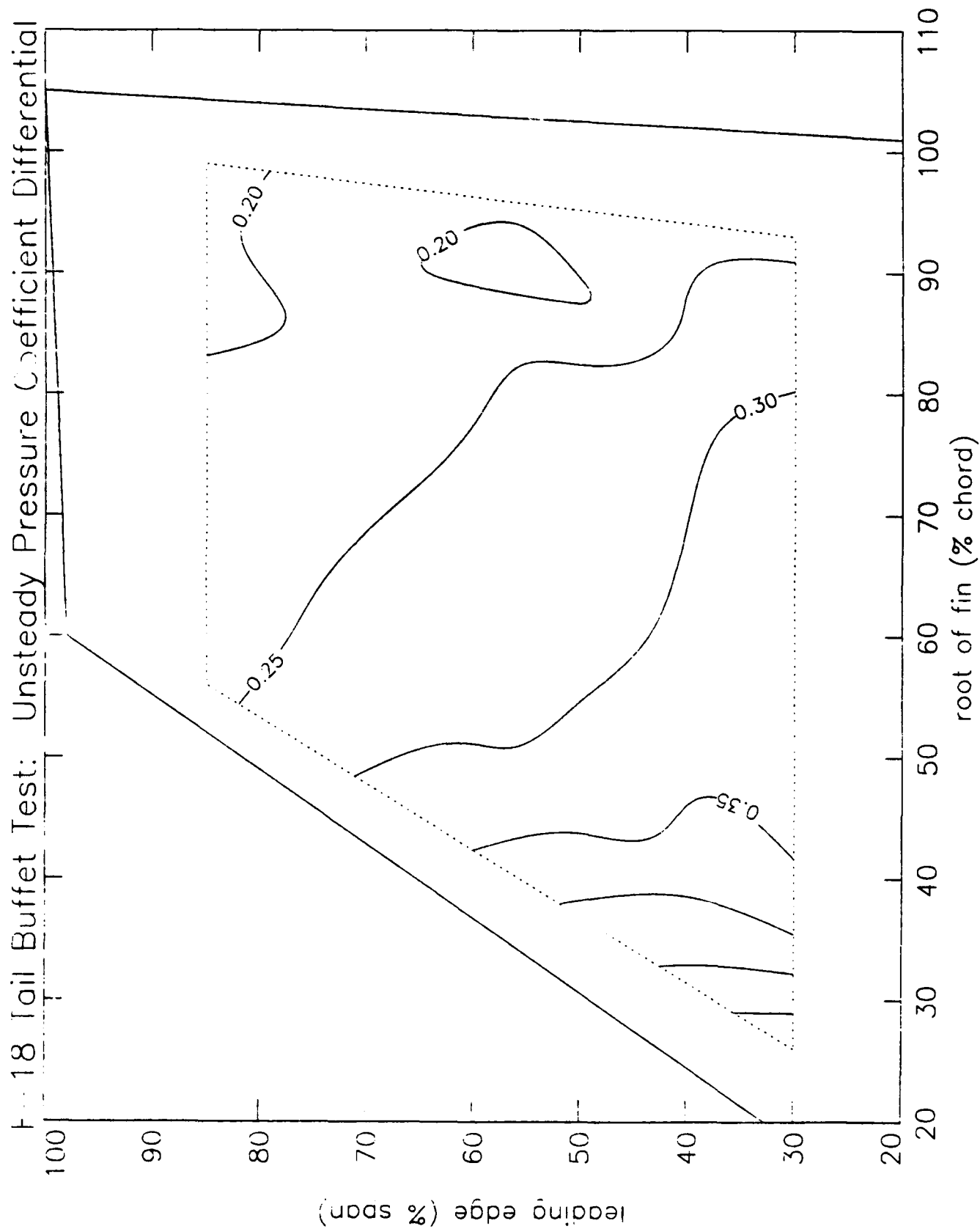
Record 94: $Q=33$ $\alpha=28$ $\beta=0$ FENCE ON



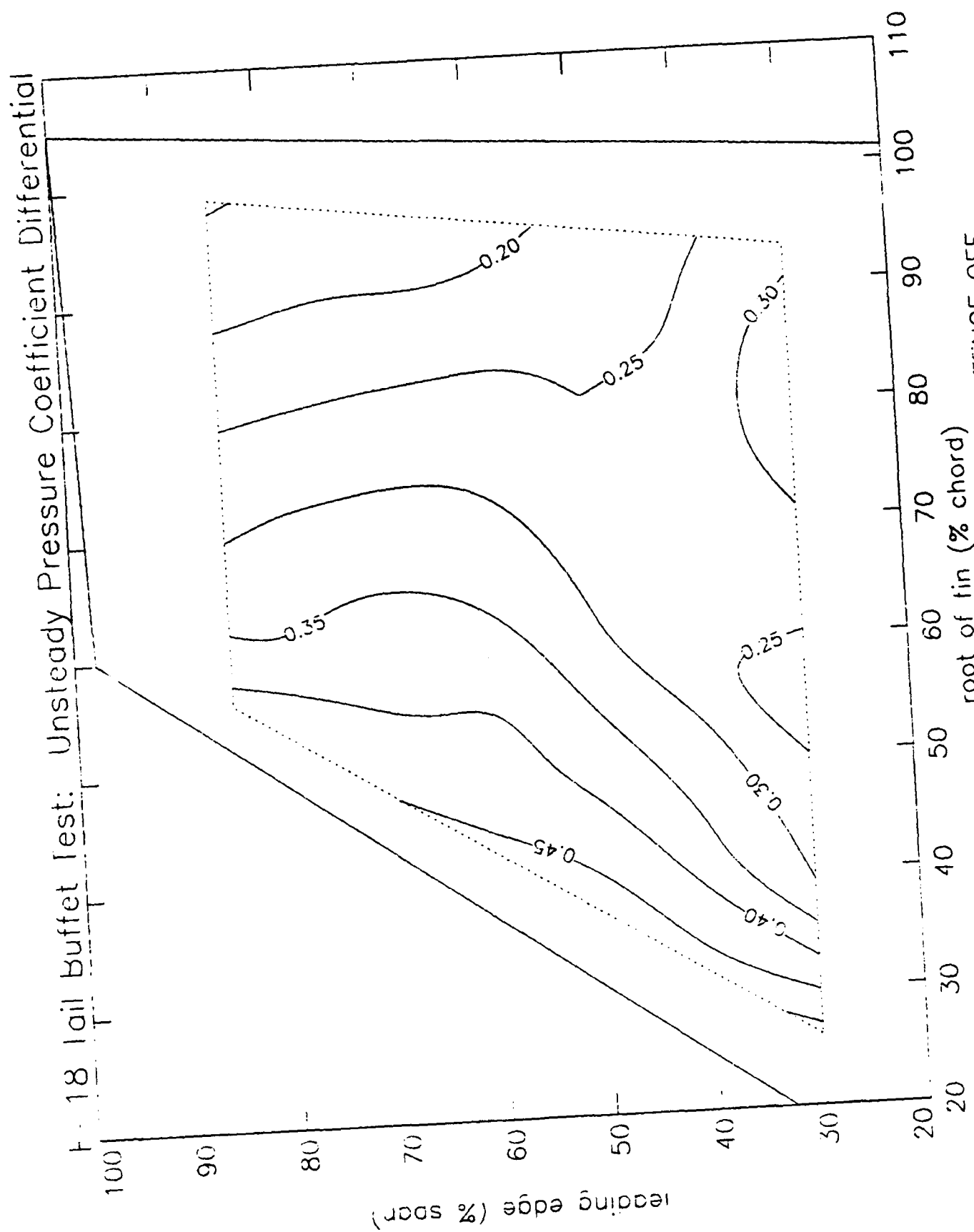
Record 96: $Q=33$ $\alpha=30$ $\beta=0$ FENCE ON



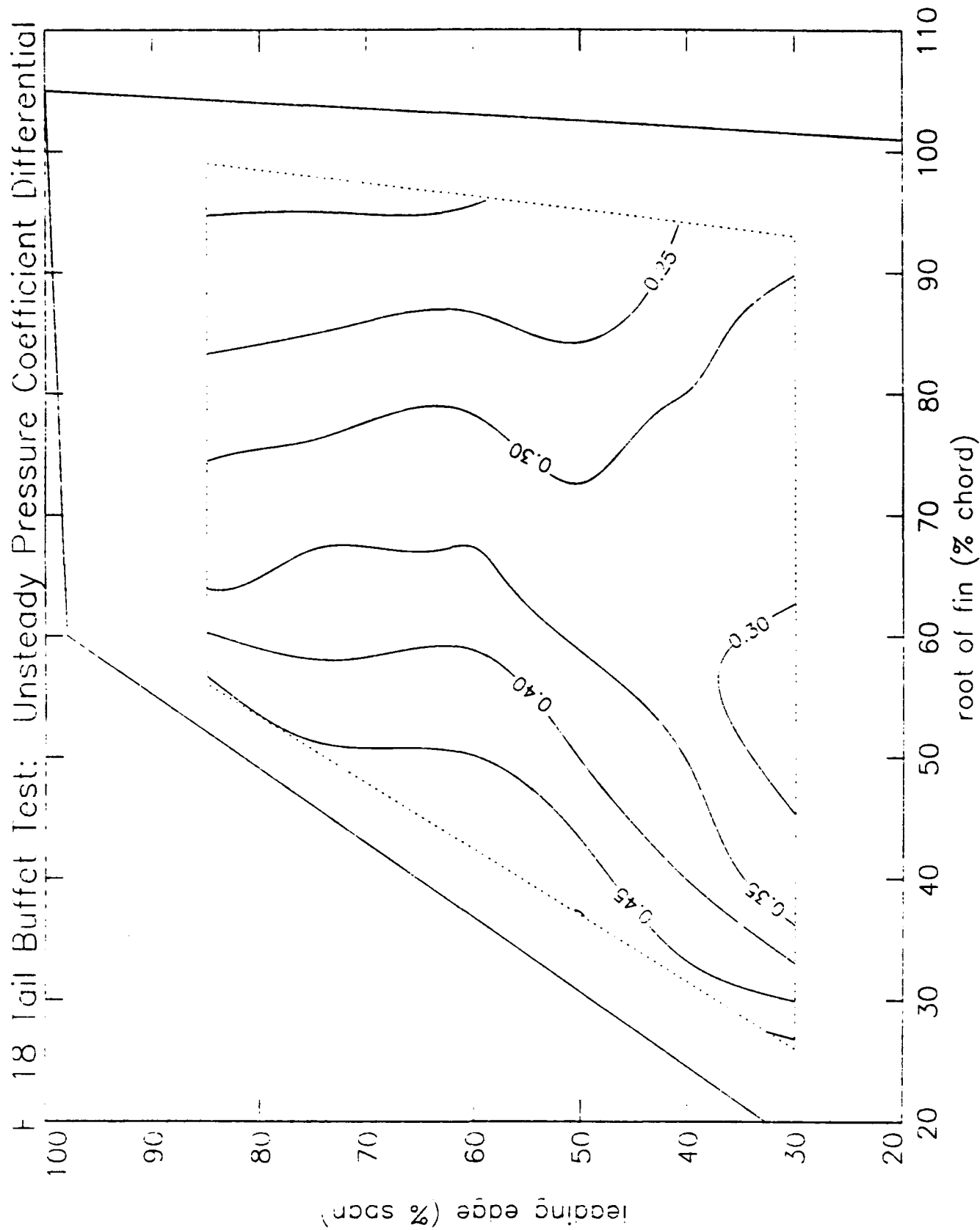




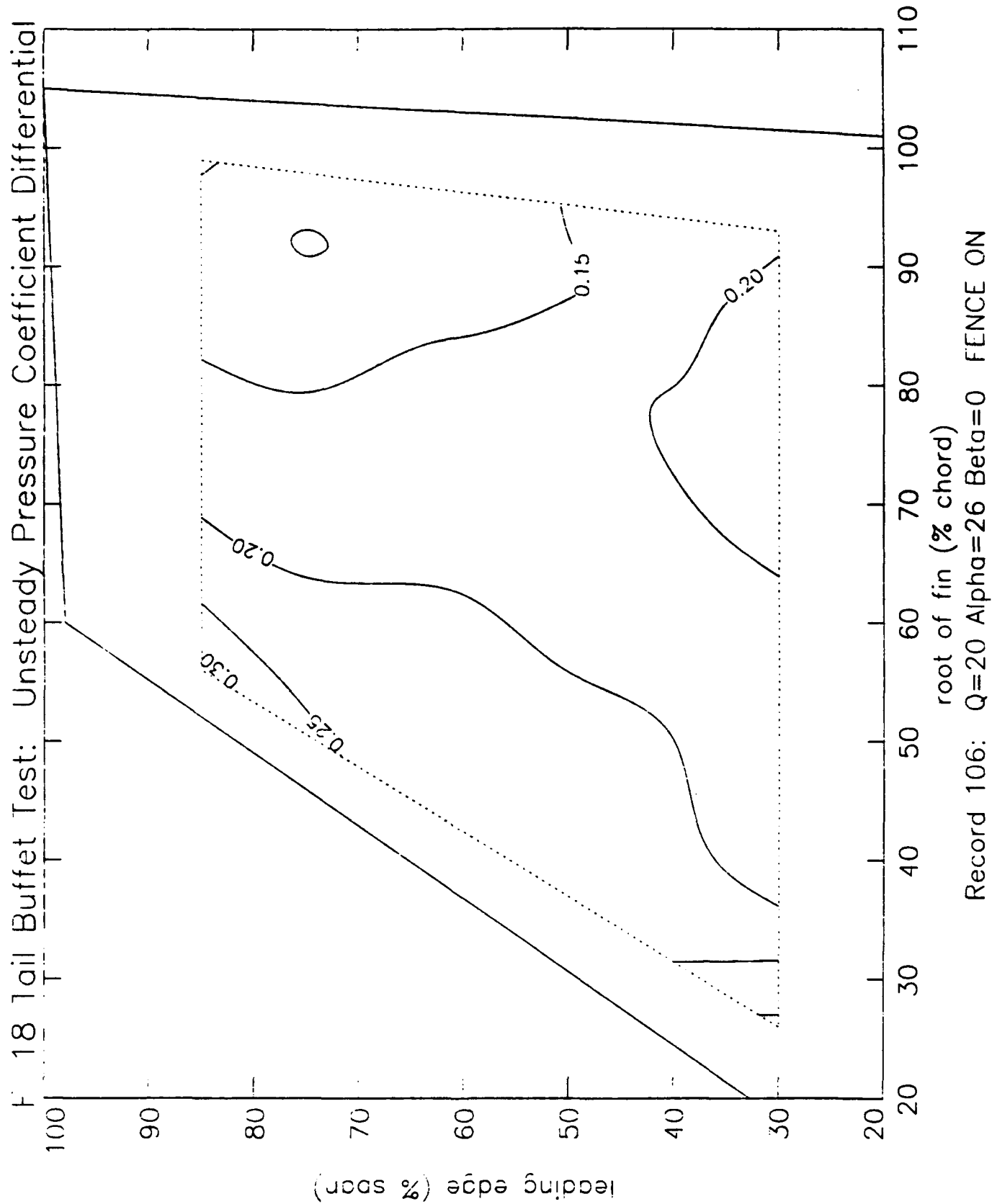
Record 104: $Q=33$ $\alpha=40$ $\beta=0$ $\Gamma=0$ ON

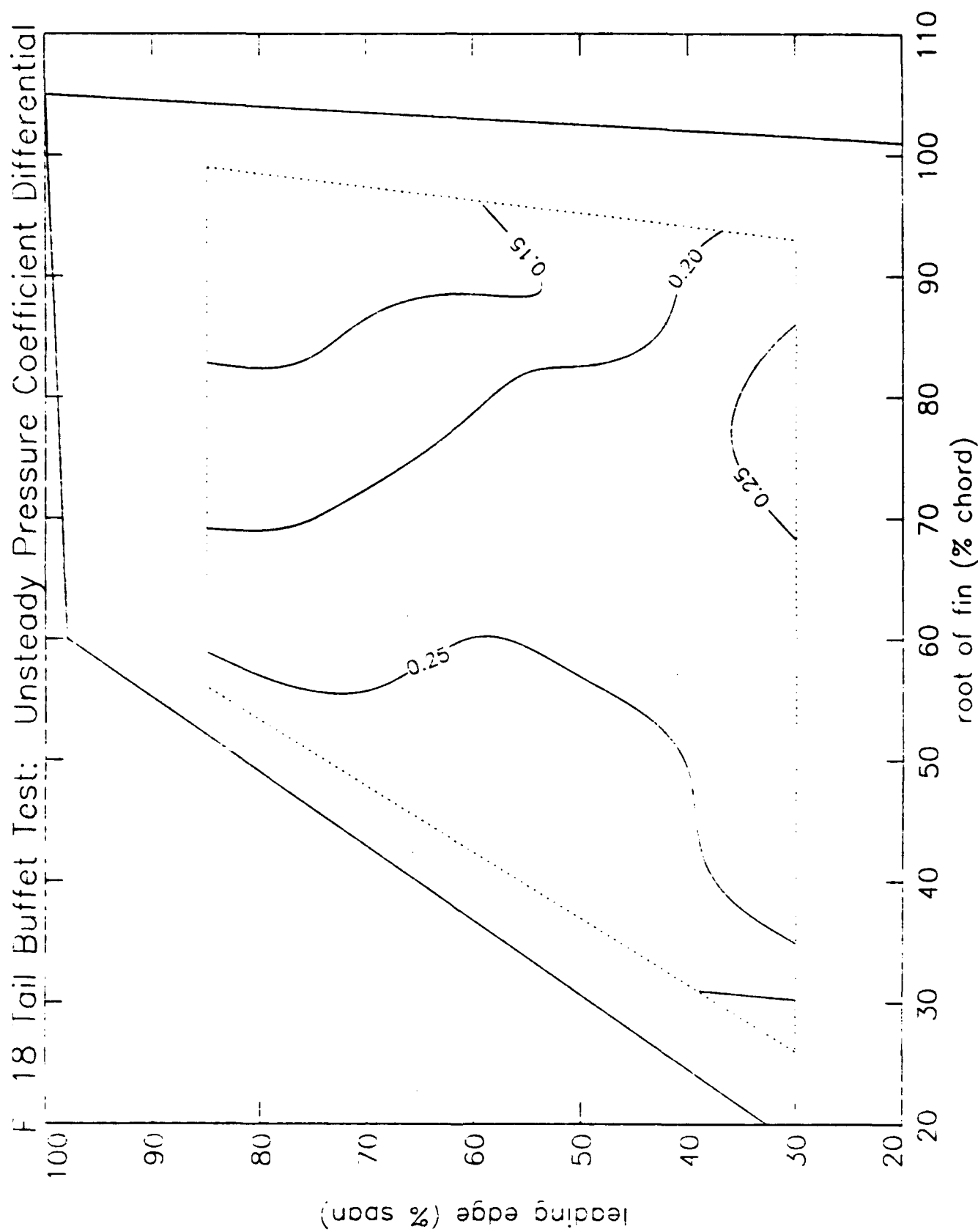


Record 30: $Q=20$ $\alpha=26$ $\beta=0$ FENCE OFF



Record 27: $Q=20$ $\alpha=28$ $\beta=0$ FINCE OFF





Record 108: $Q=20$ $\alpha=28$ $\beta=0$ FENCE ON

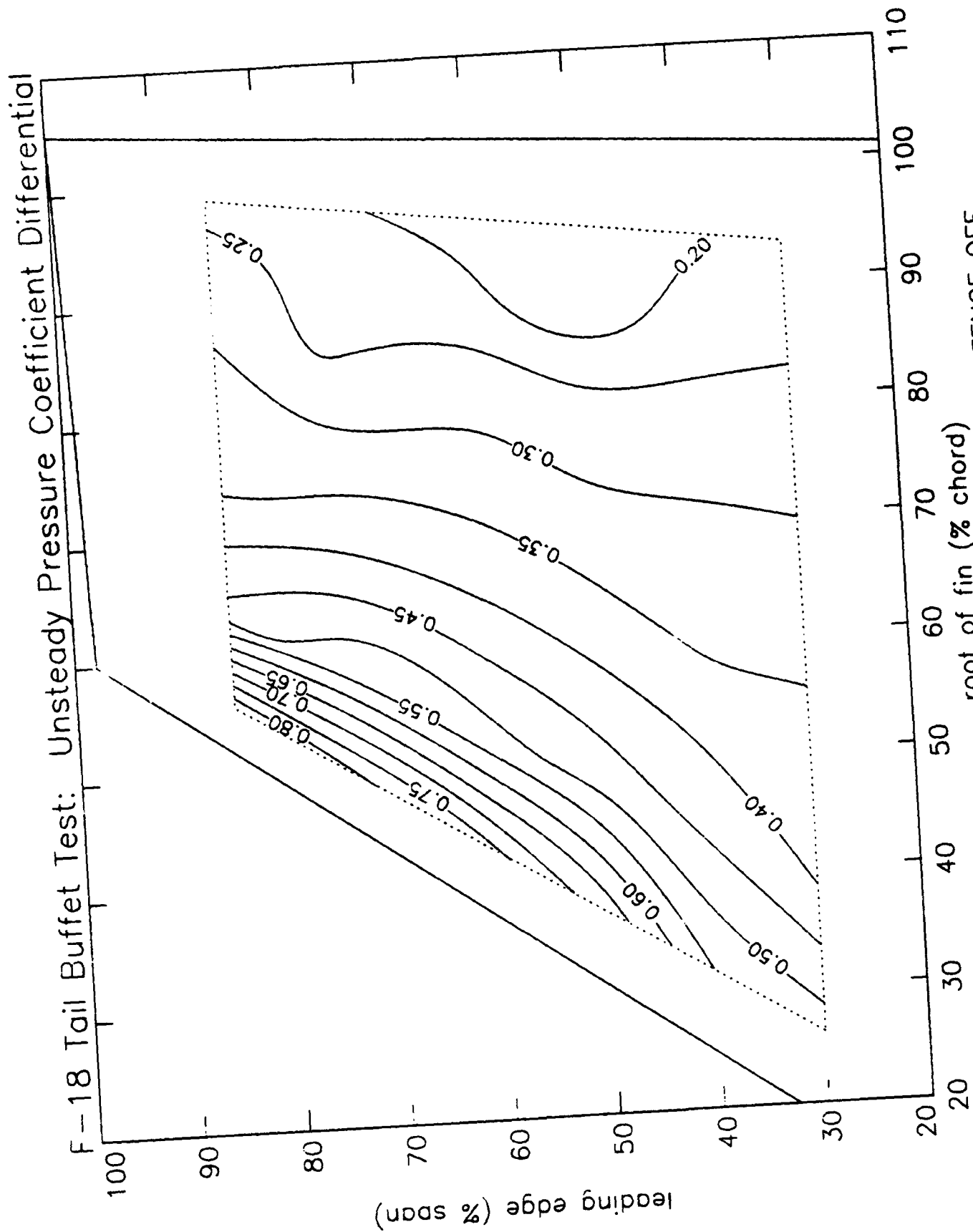
**Root-Mean-Square Pressure Coefficient Differential
Contour Plots**

Sideslip Sweep at 30 *deg* Angle-of-Attack, $Q = 33$ *psf*

Sideslip Angles: -16, -10, -6, -4, -2, 0, 2, 4, 6, 10, and 16 *deg*

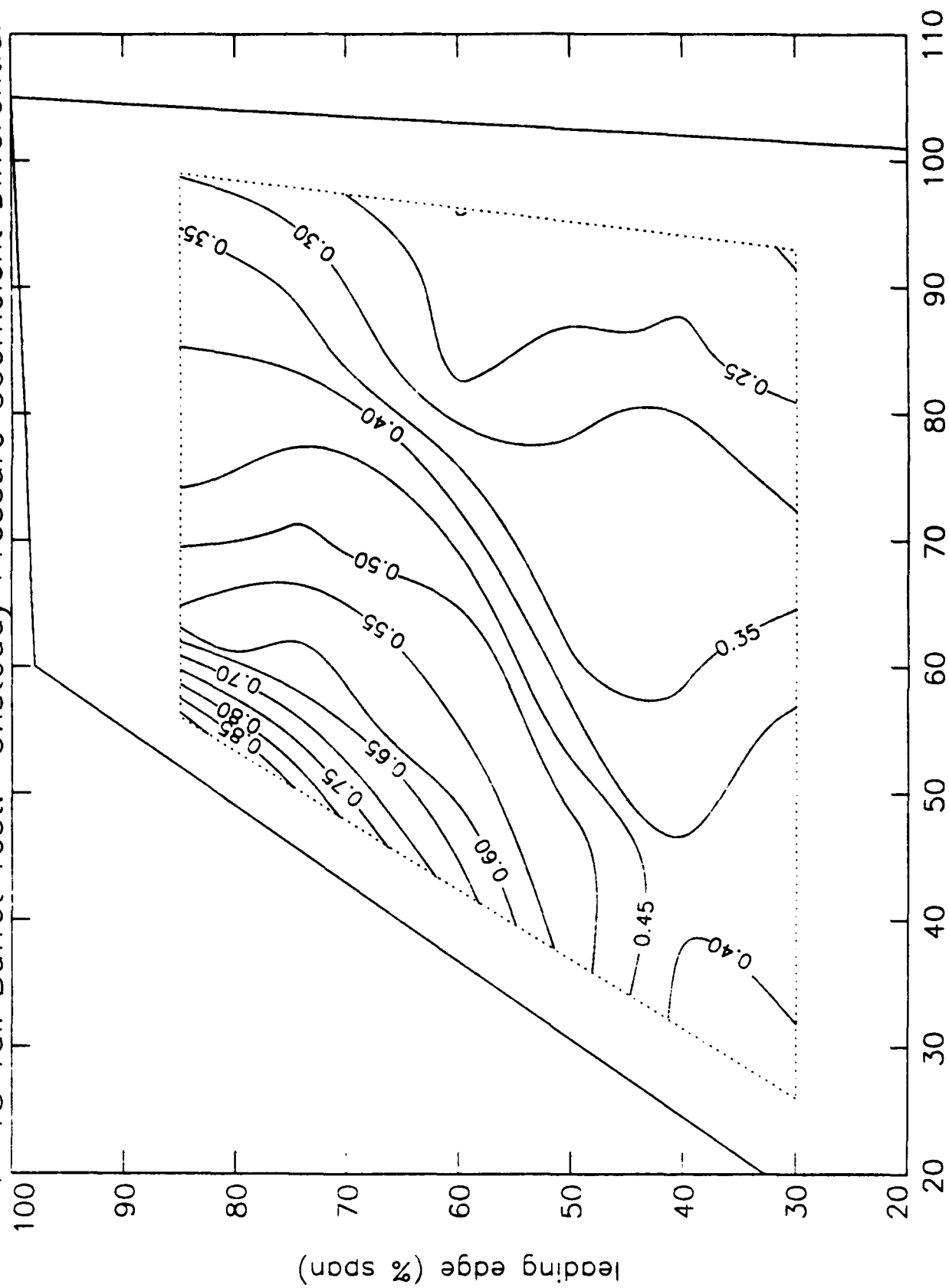
Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fin (% chord)."

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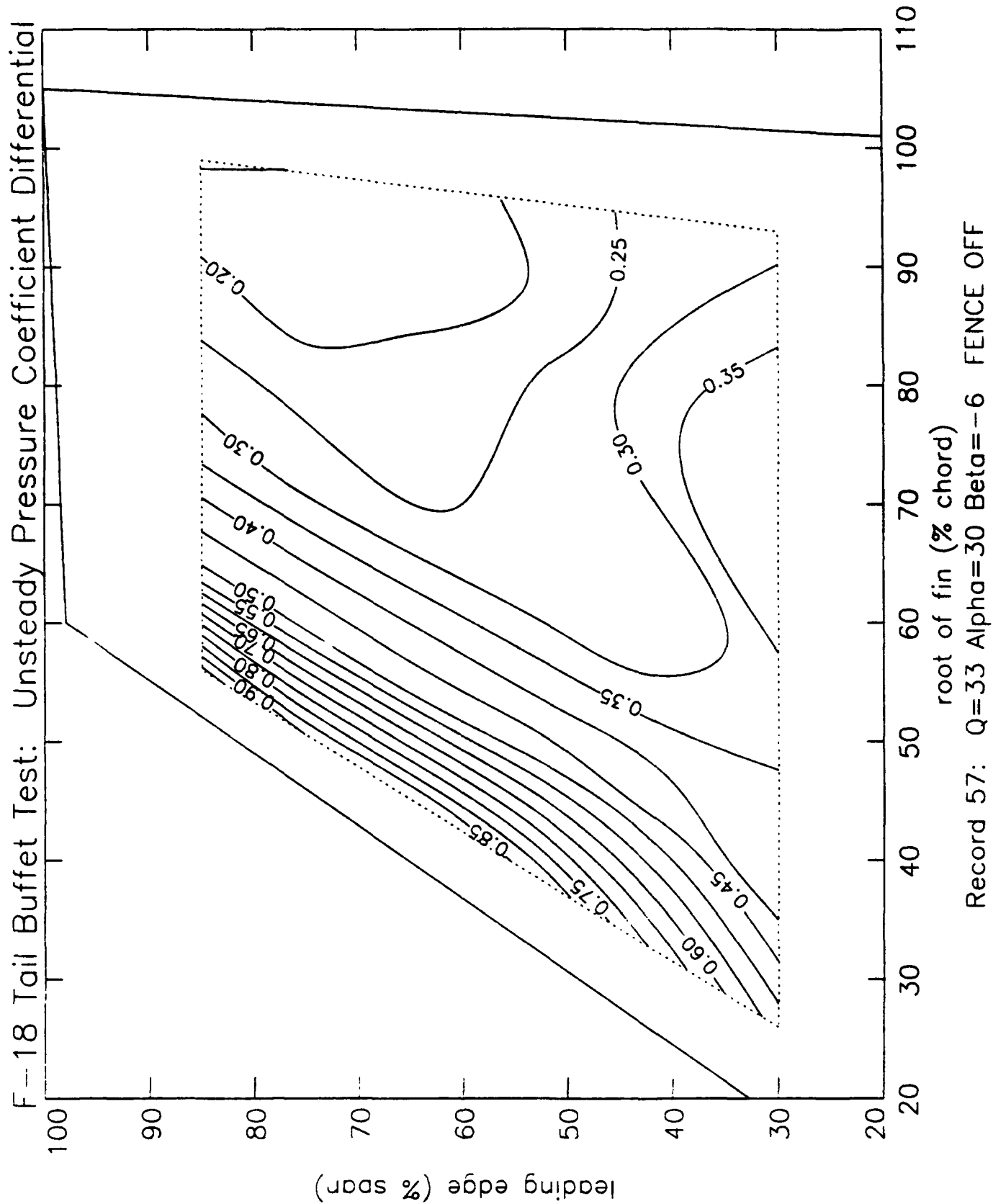


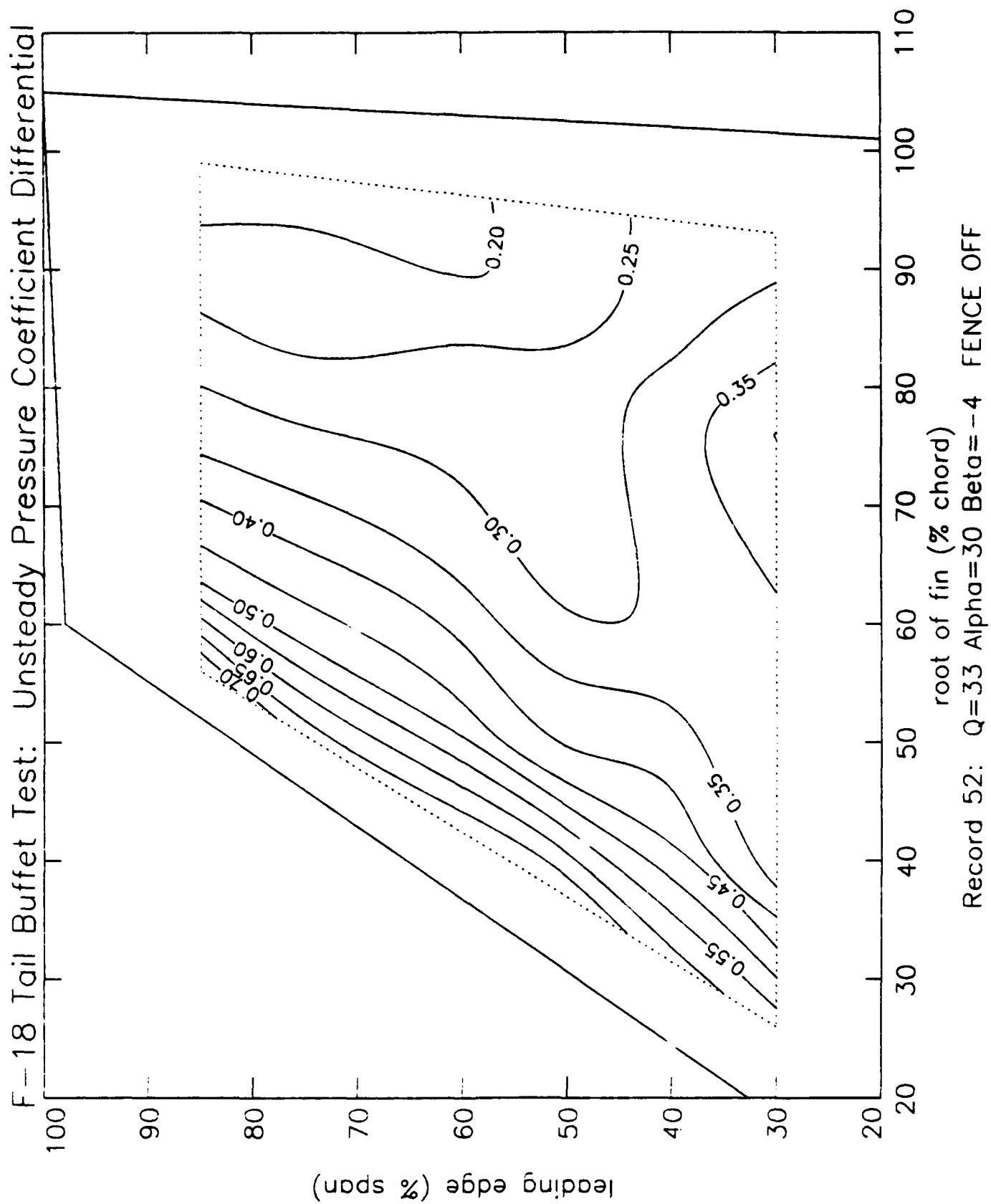
Record 56: $Q=33$ $\text{Alpha}=30$ $\text{Beta}=-16$ FENCE OFF

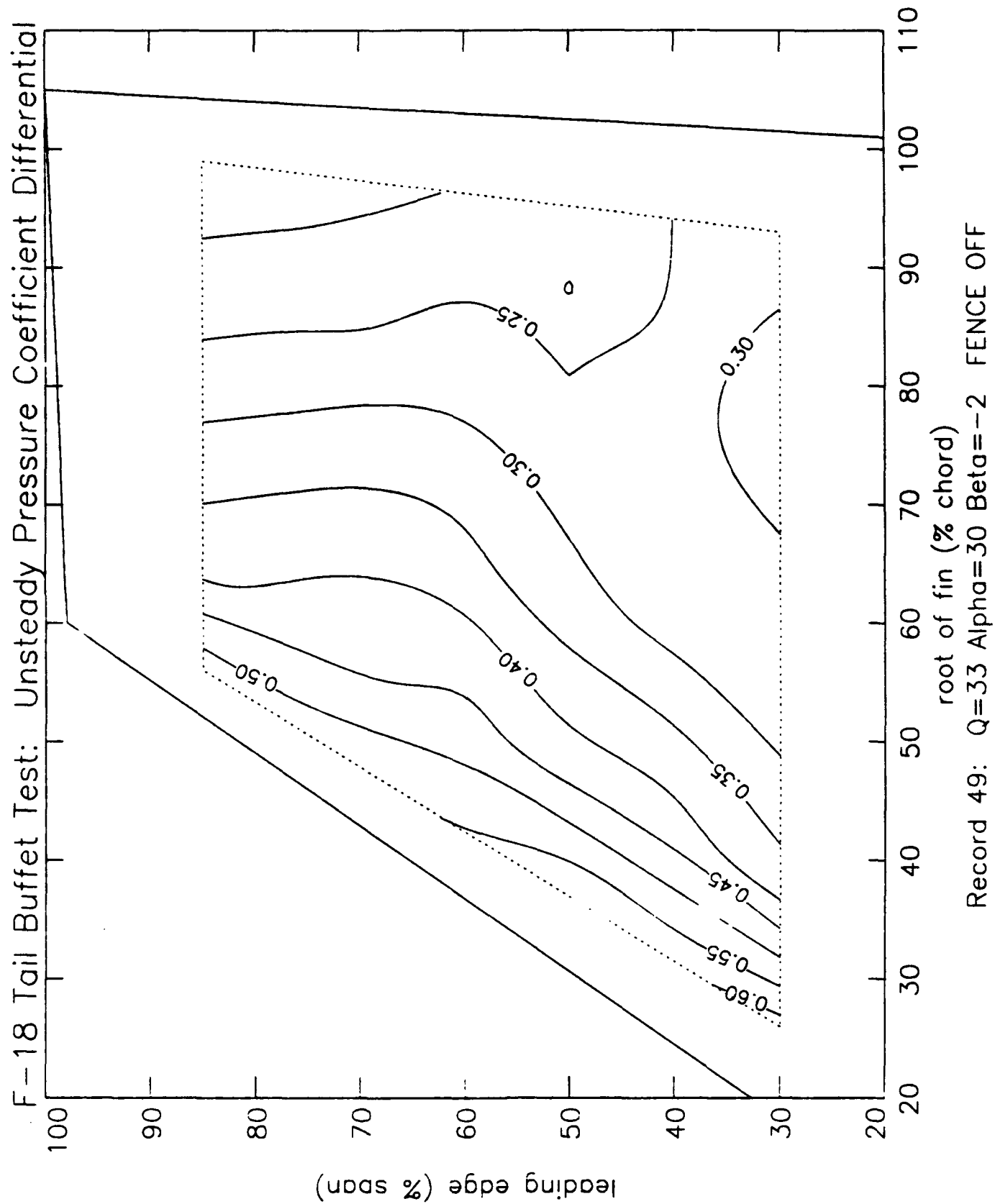
F-18 Tail Buffet Test: Unsteady Pressure Coefficient Differential

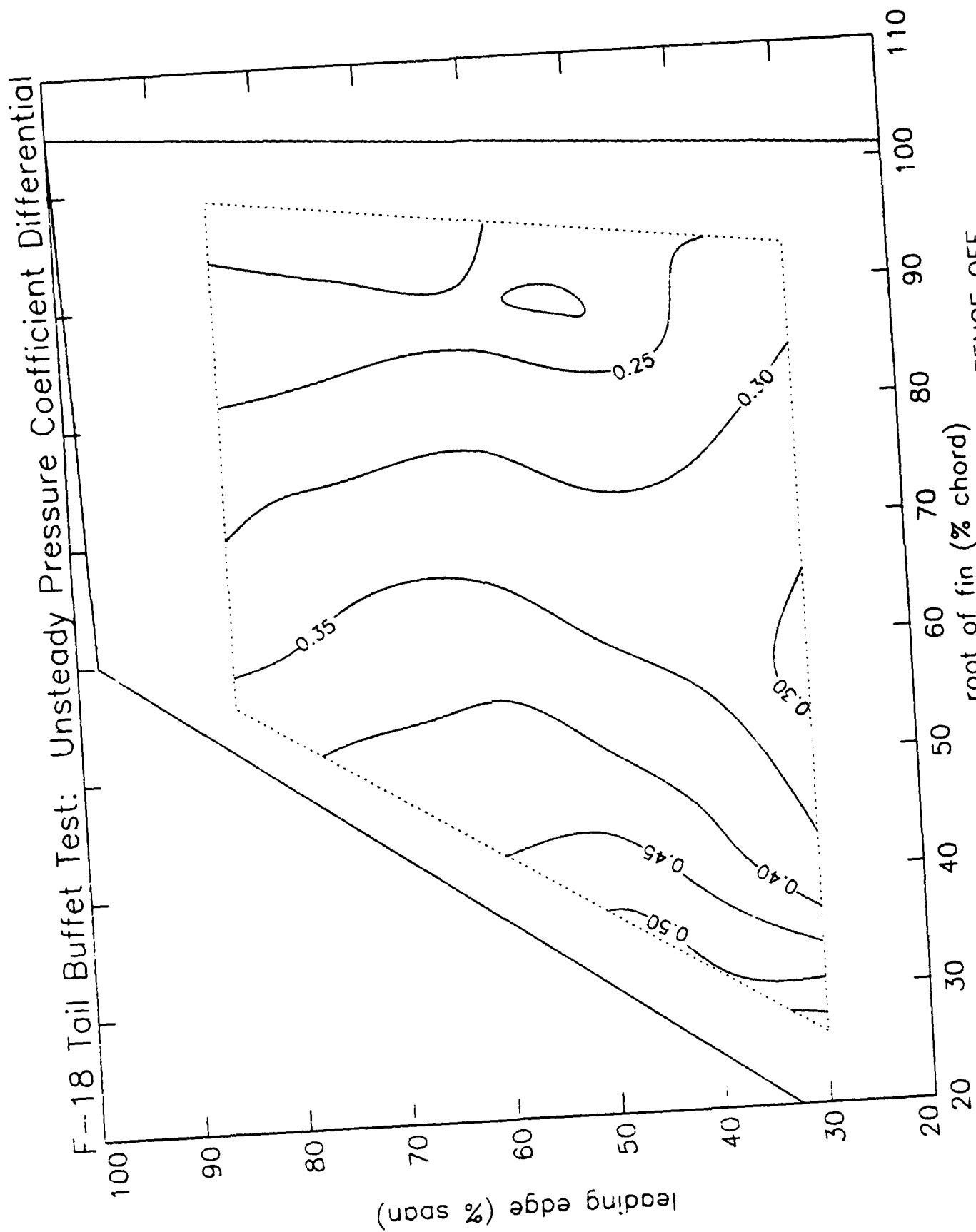


Record 53: Q=33 Alpha=30 Beta=-10 FENCE OFF

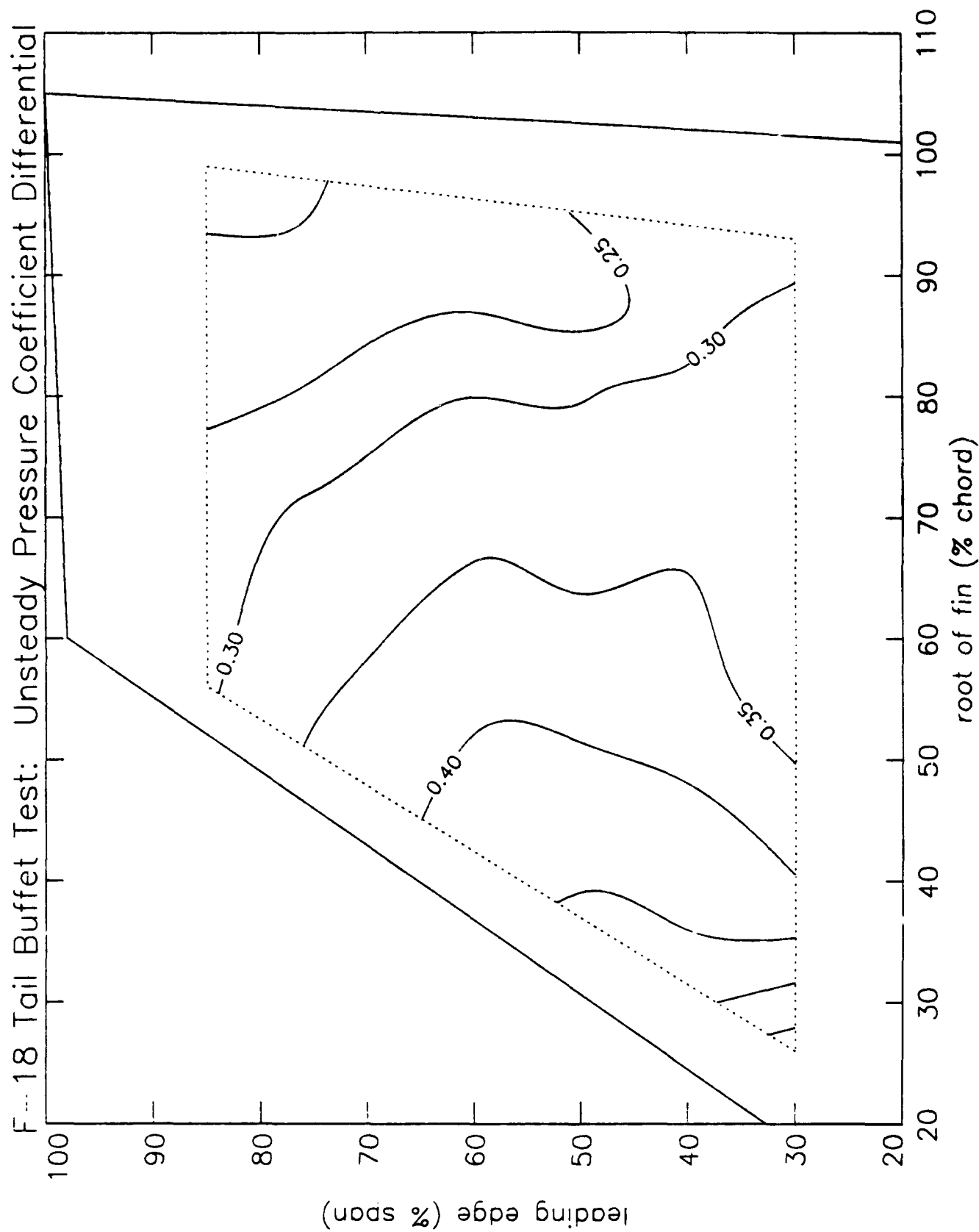


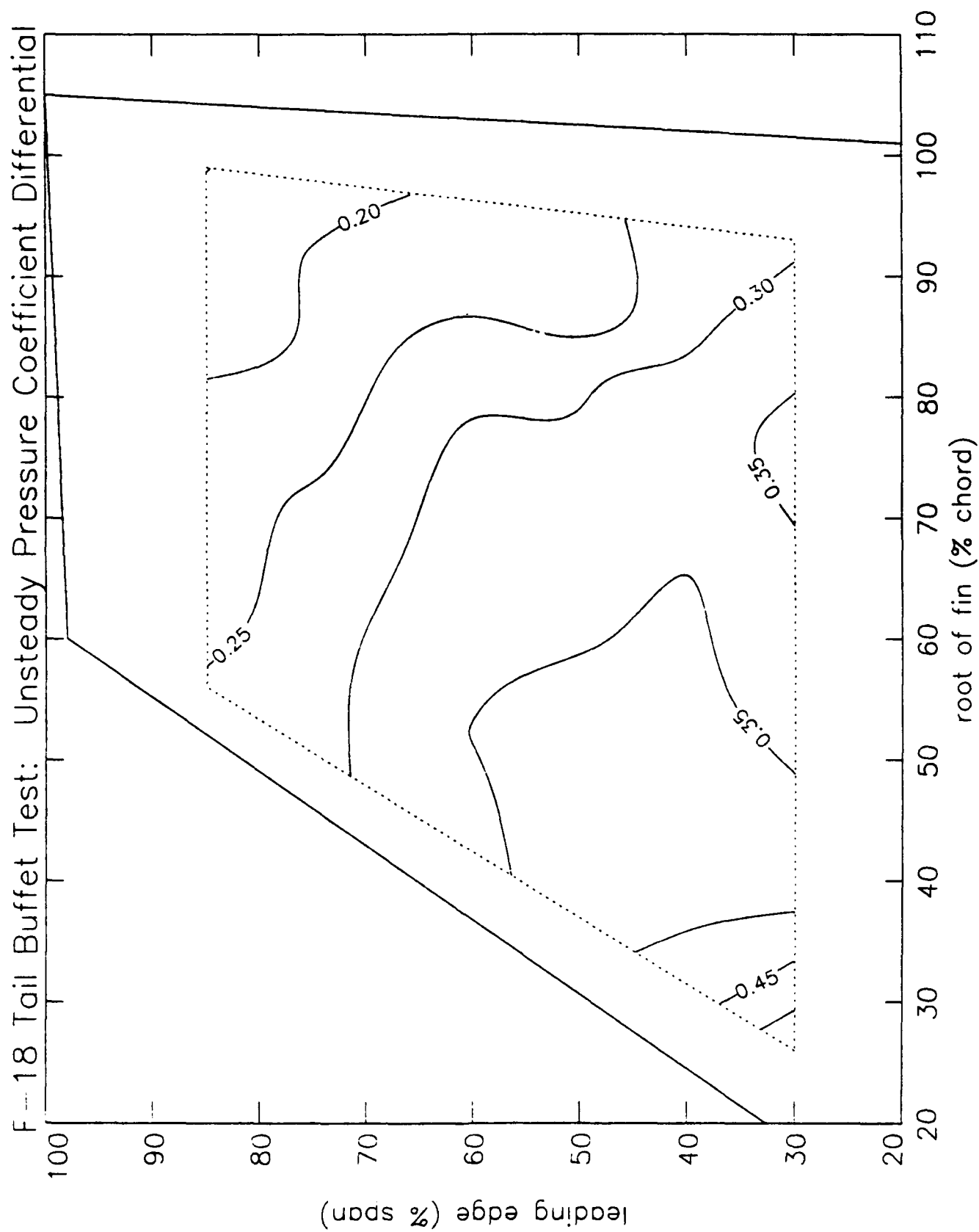




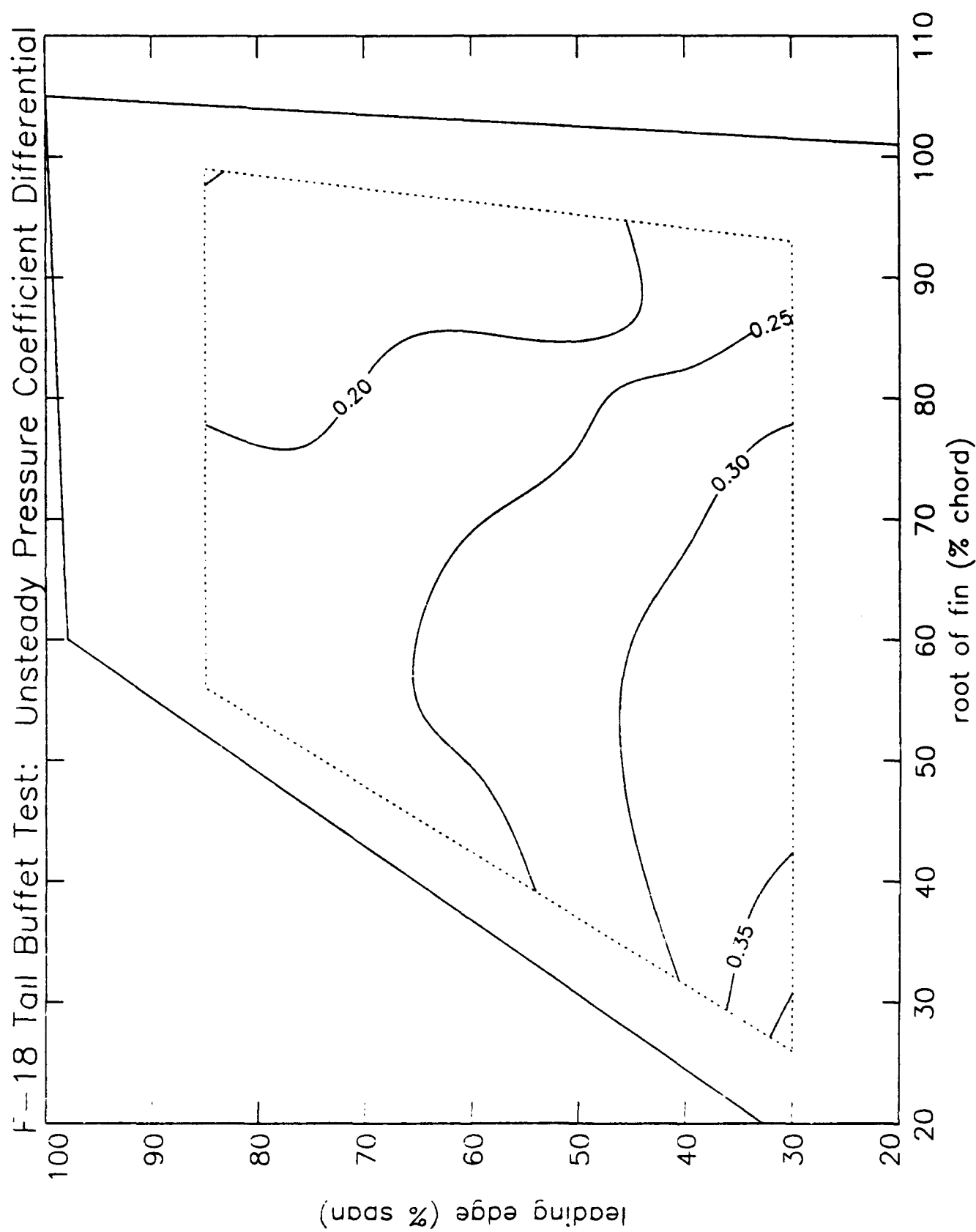


Record 48: $Q=33$ $\text{Alpha}=30$ $\text{Beta}=0$ FENCE OFF

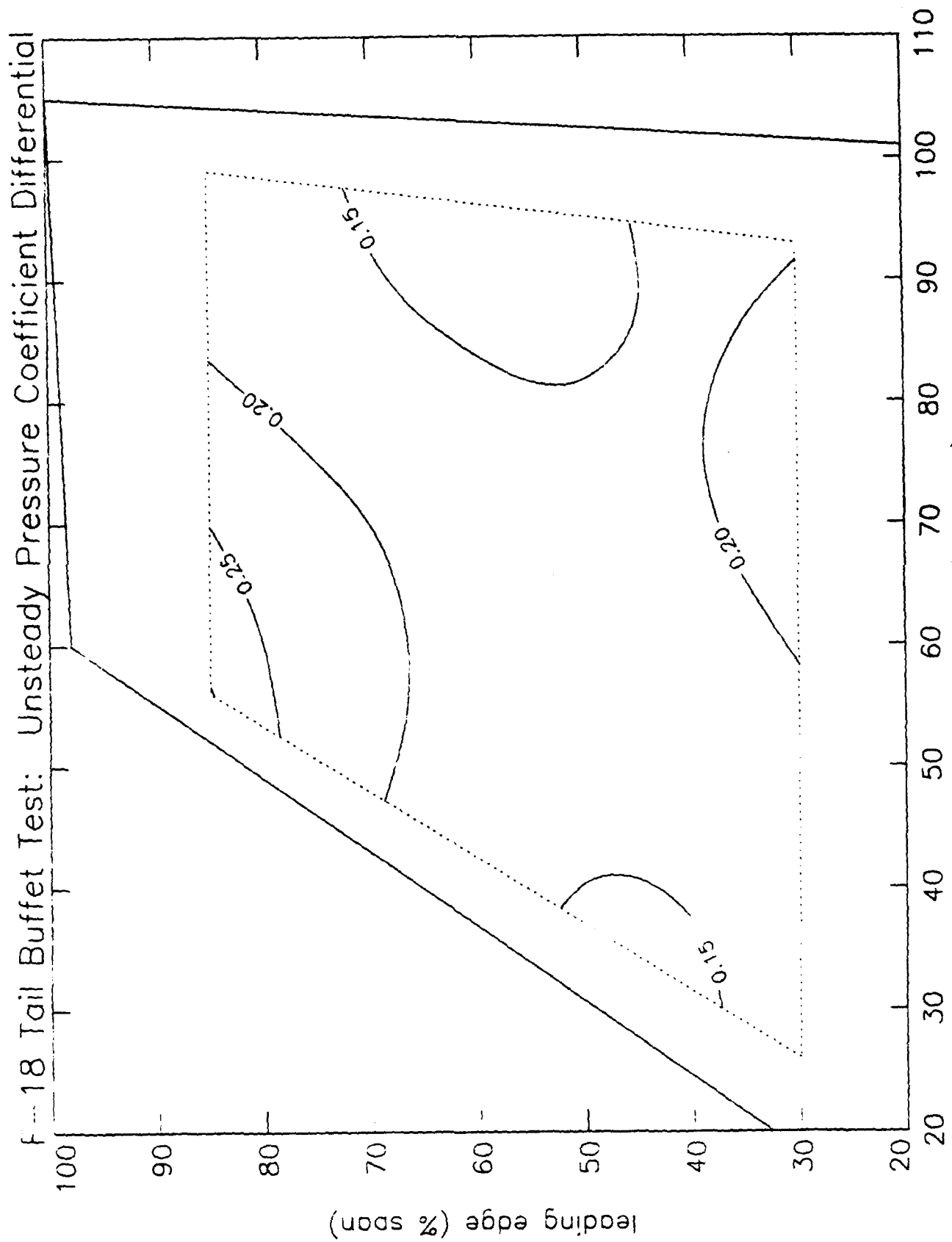




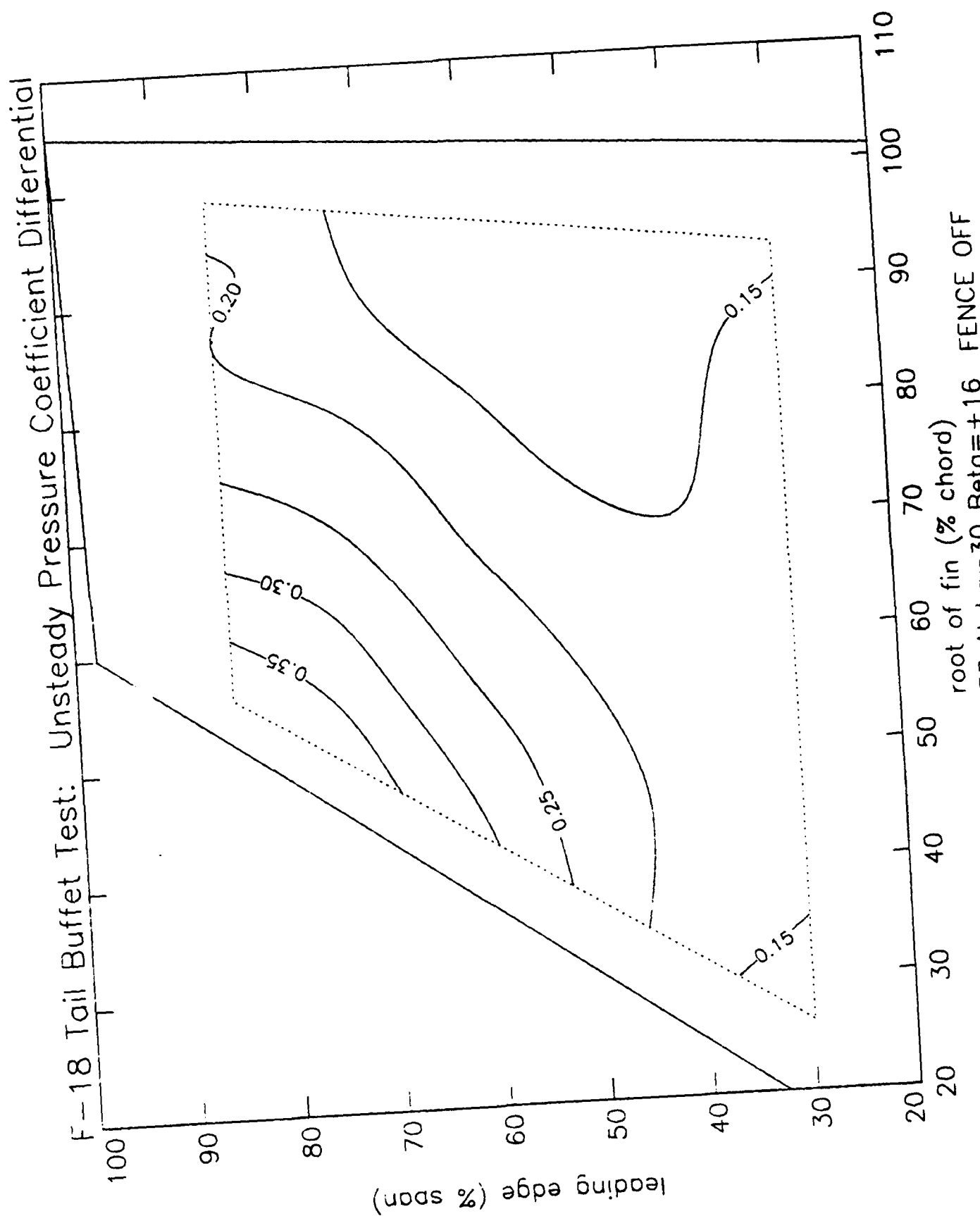
Record 44: $Q=33$ $\alpha=30$ $\beta=+4$ FENCE OFF



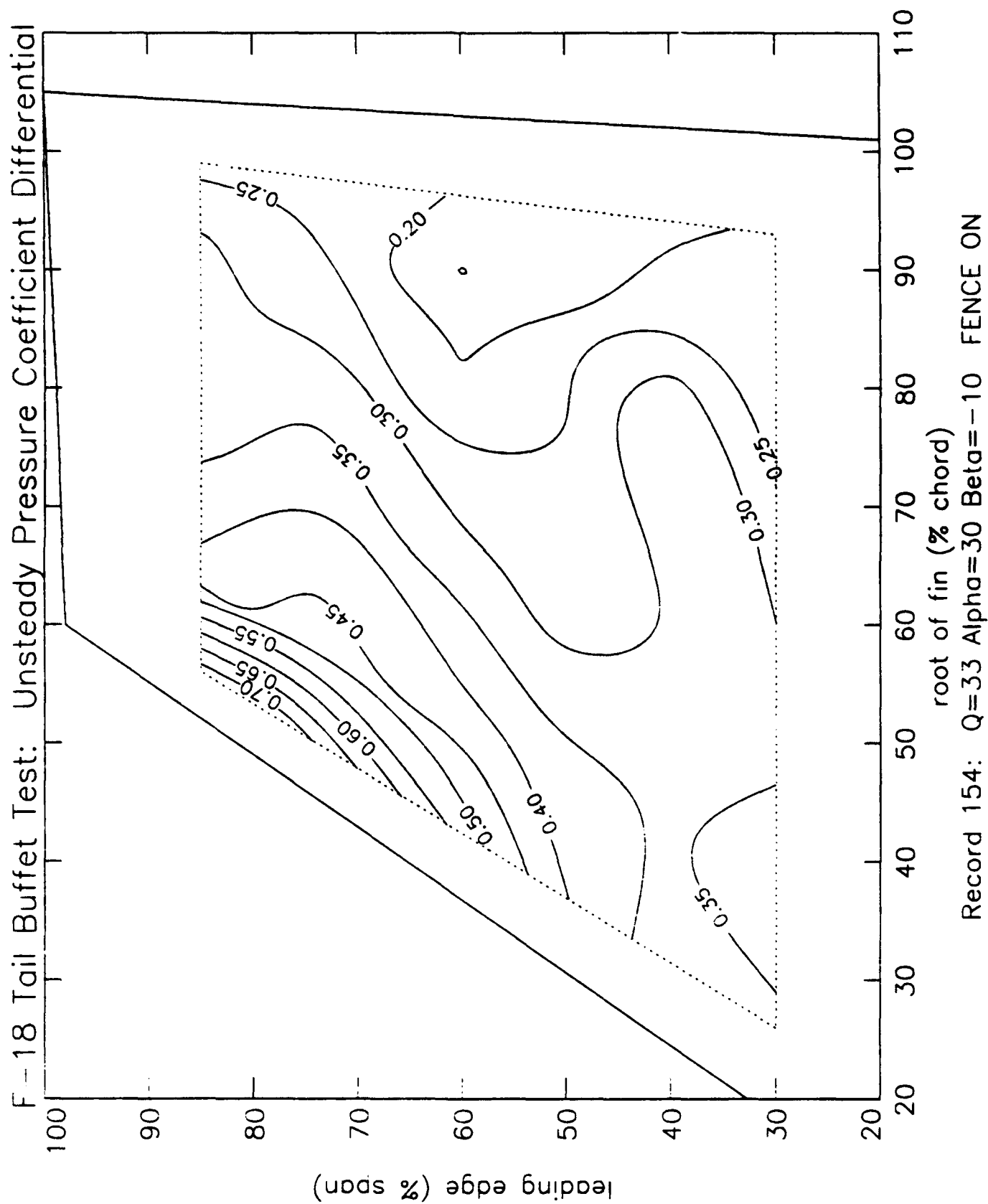
Record 41: $Q=33$ $\alpha=30$ $\beta=+6$ FENCE OFF



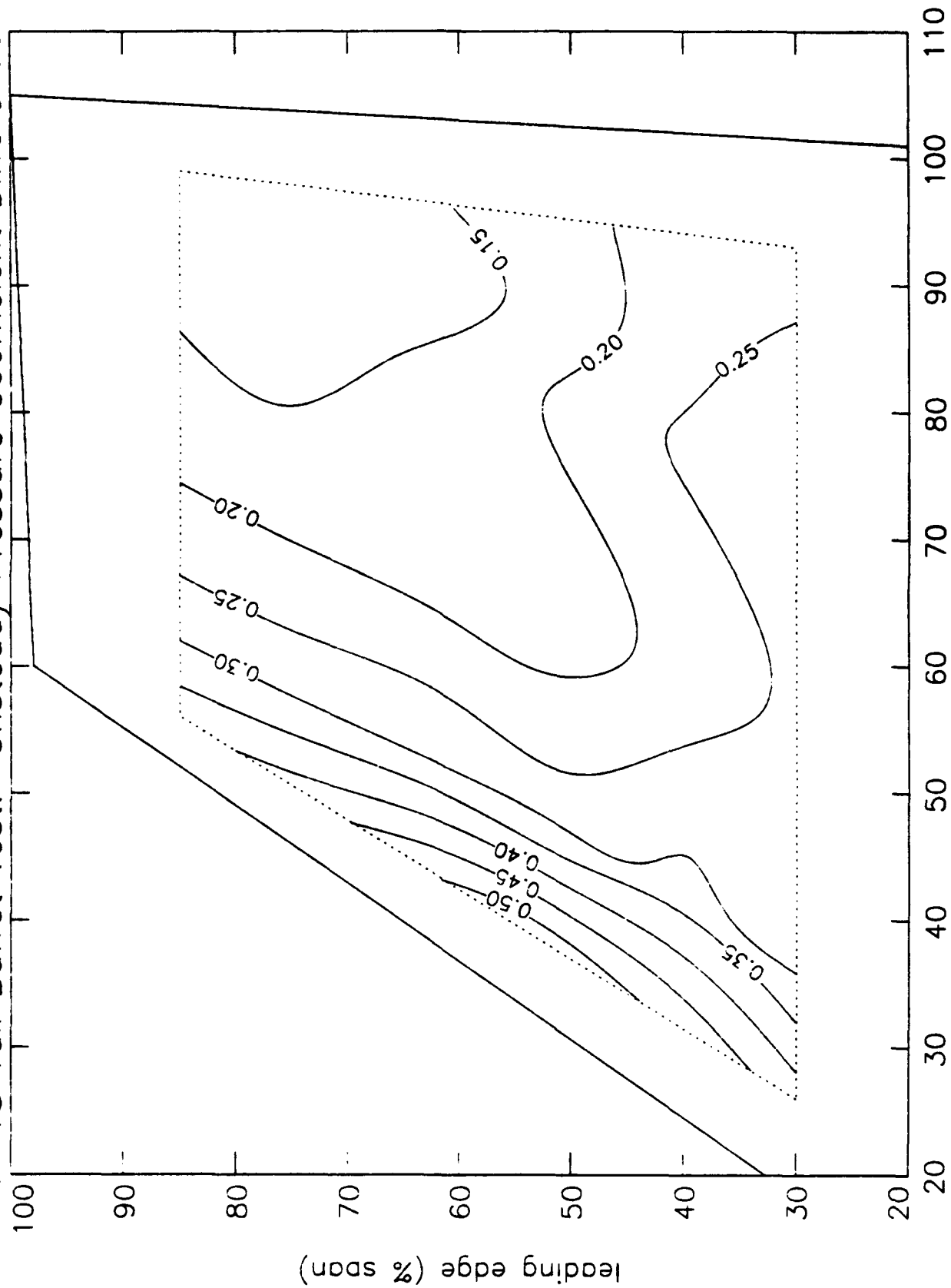
Record 40: $Q=33$ $\text{Alpha}=30$ $\text{Beta}=+10$ FENCE OFF



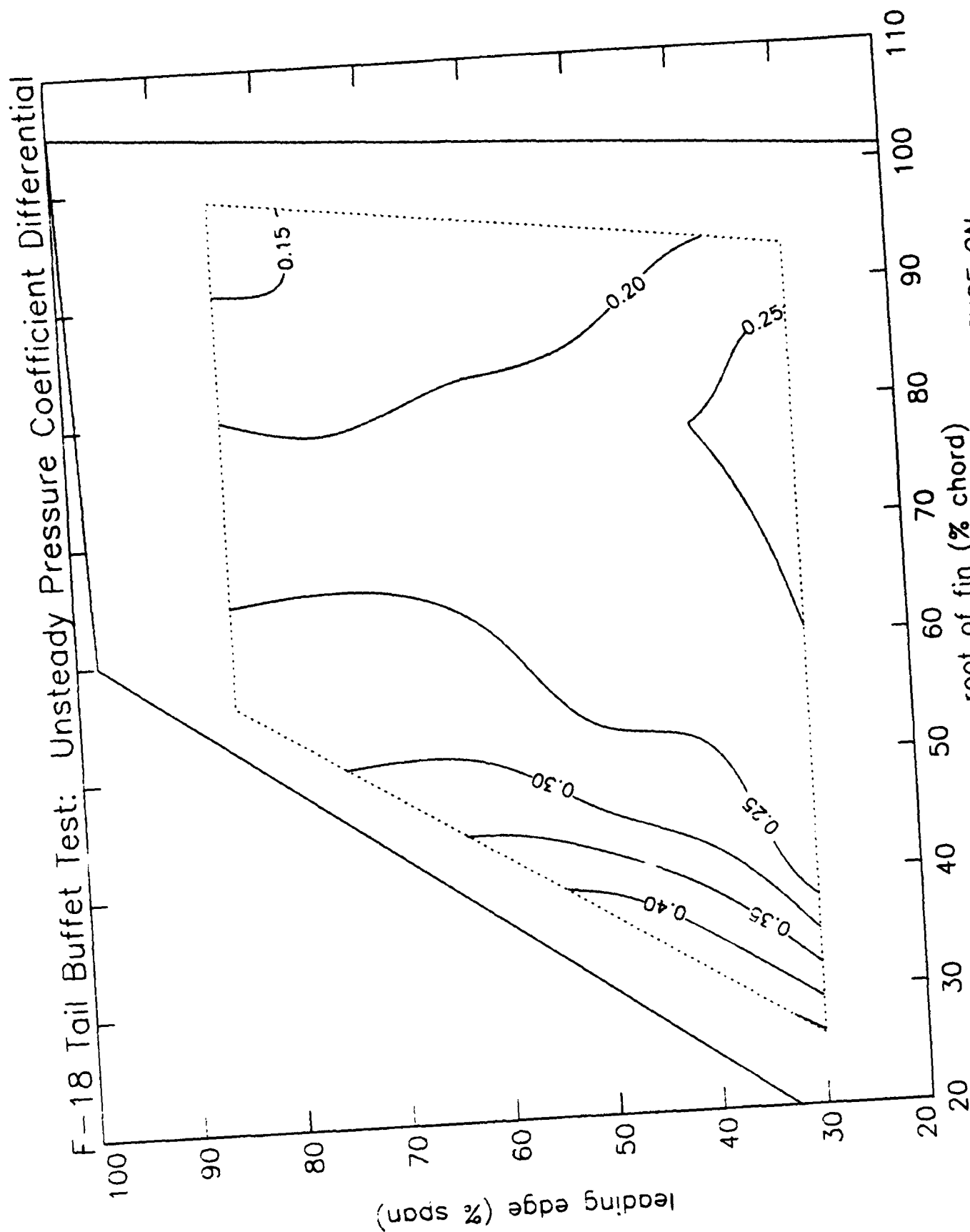
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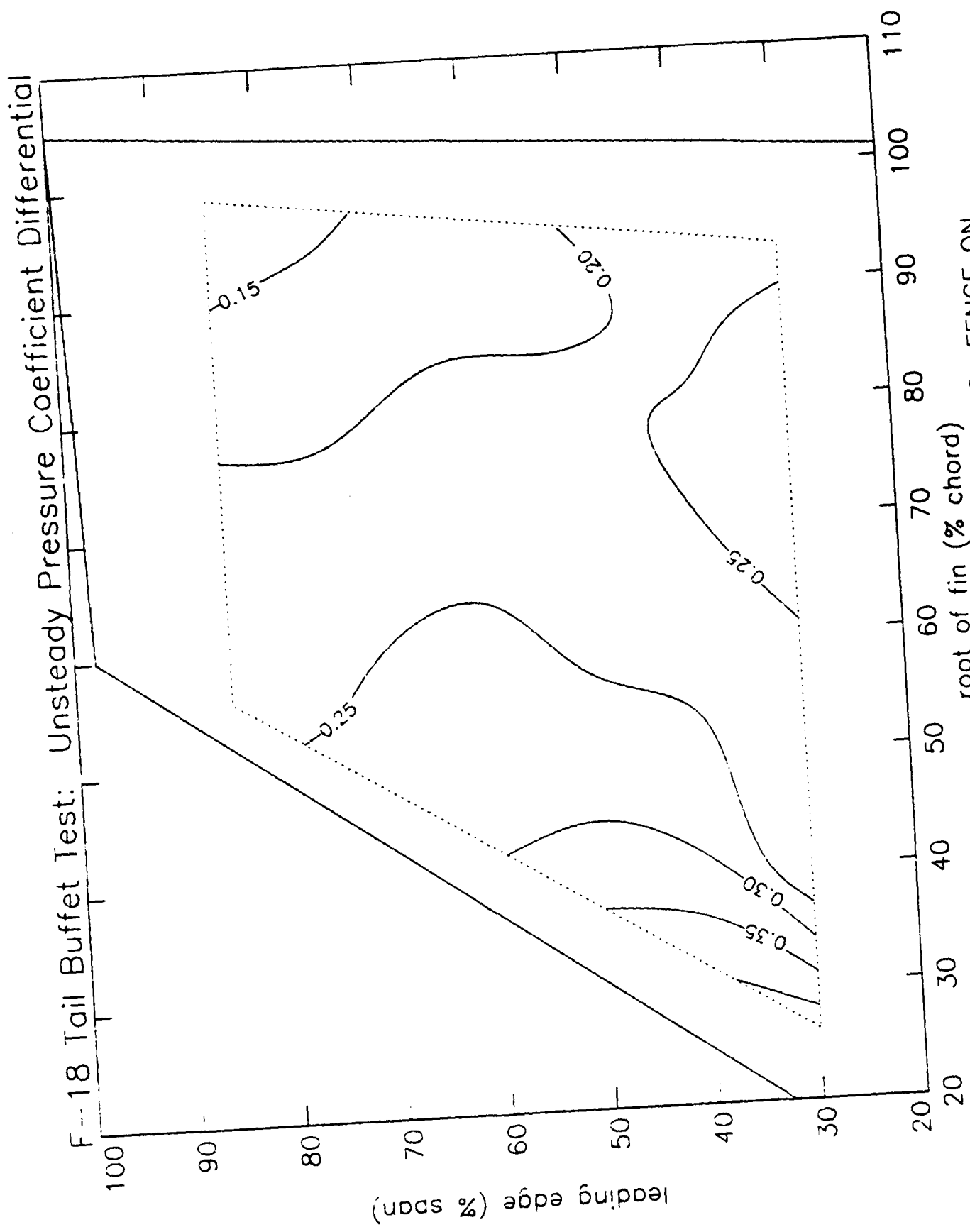
F-18 Tail Buffet Test: Unsteady Pressure Coefficient Differential



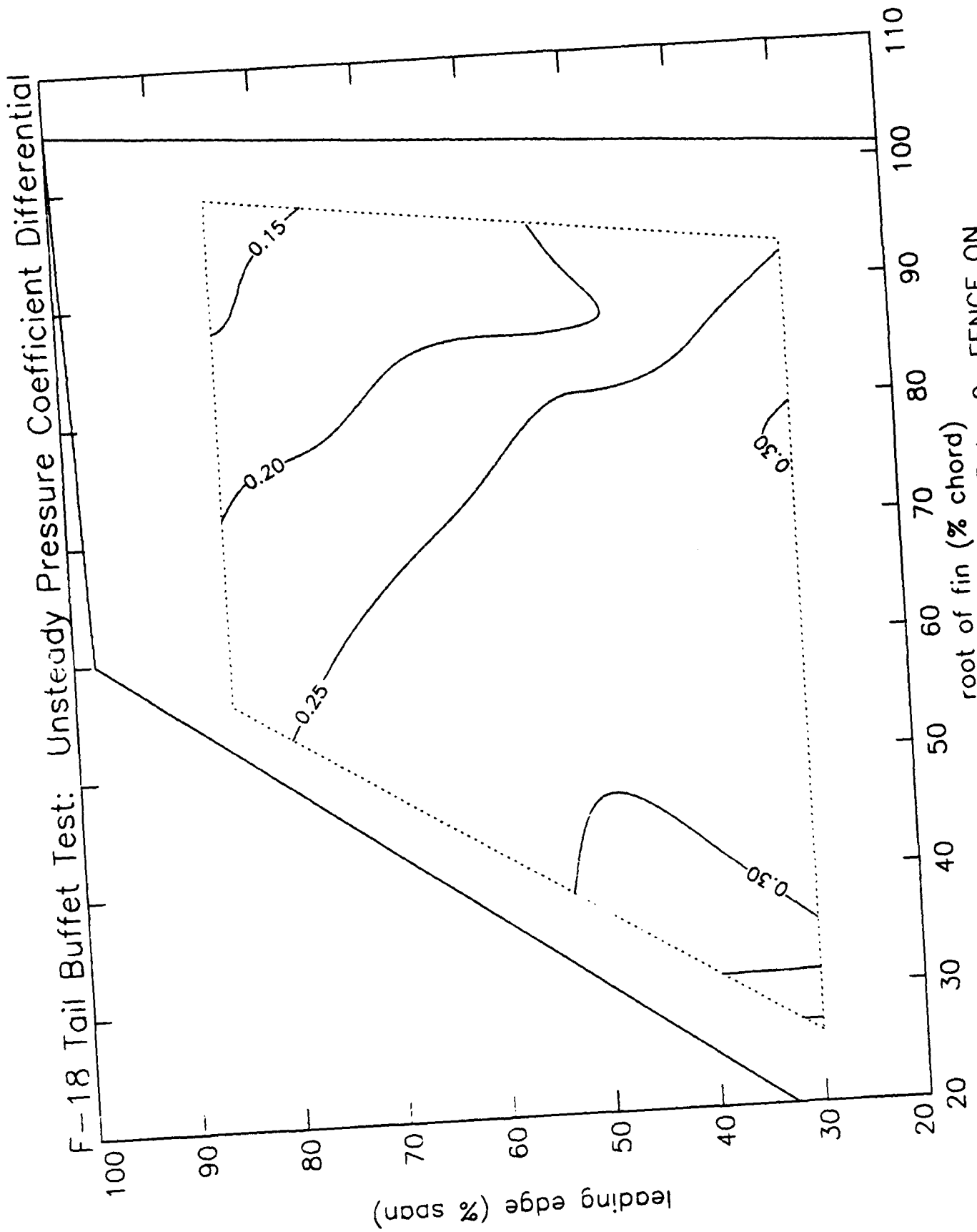
Record 152: $Q=33$ $\alpha=30$ $\beta=-6$ FENCE ON



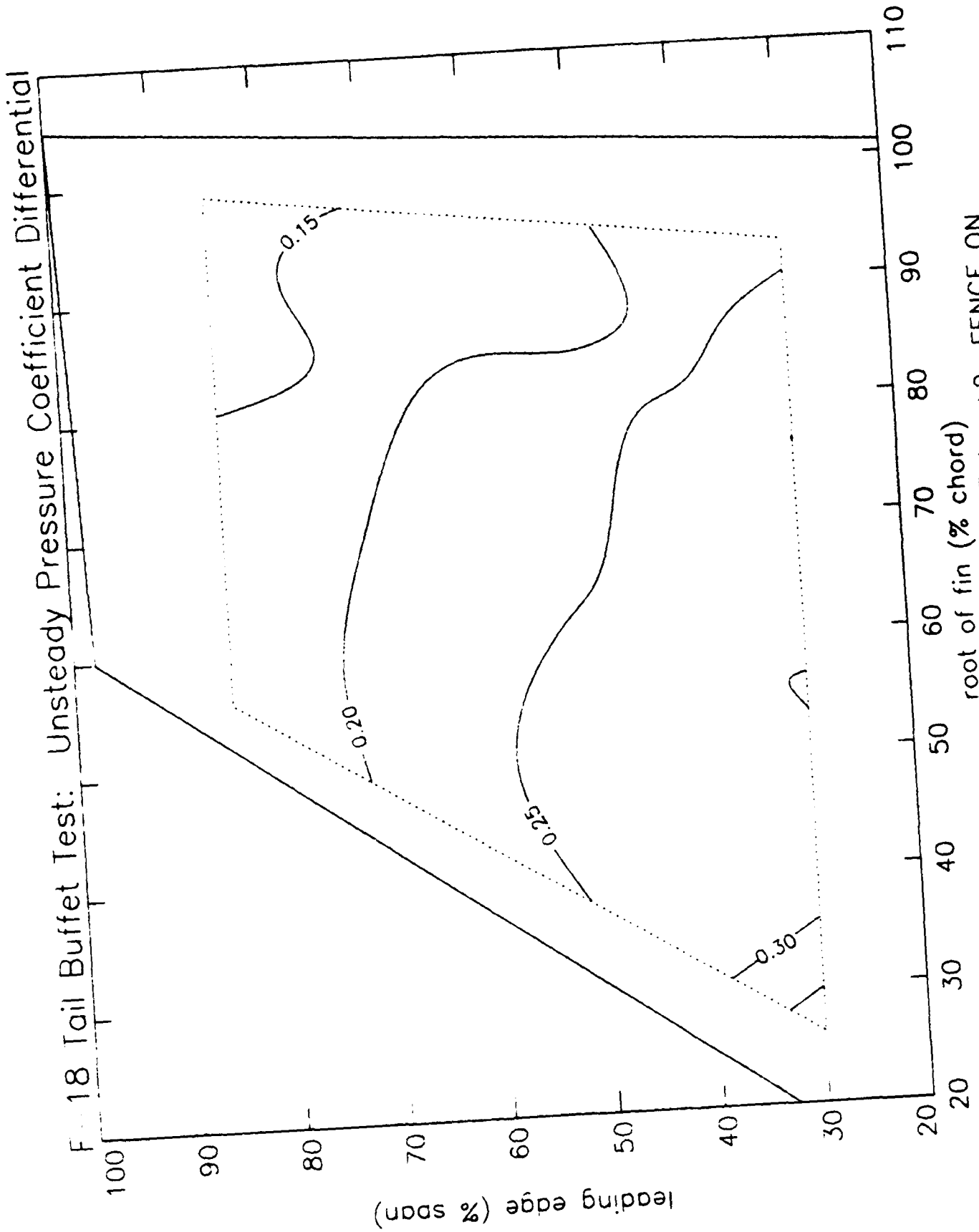
Record 150: $Q=33$ $\text{Alpha}=30$ $\text{Beta}=-4$ FENCE ON

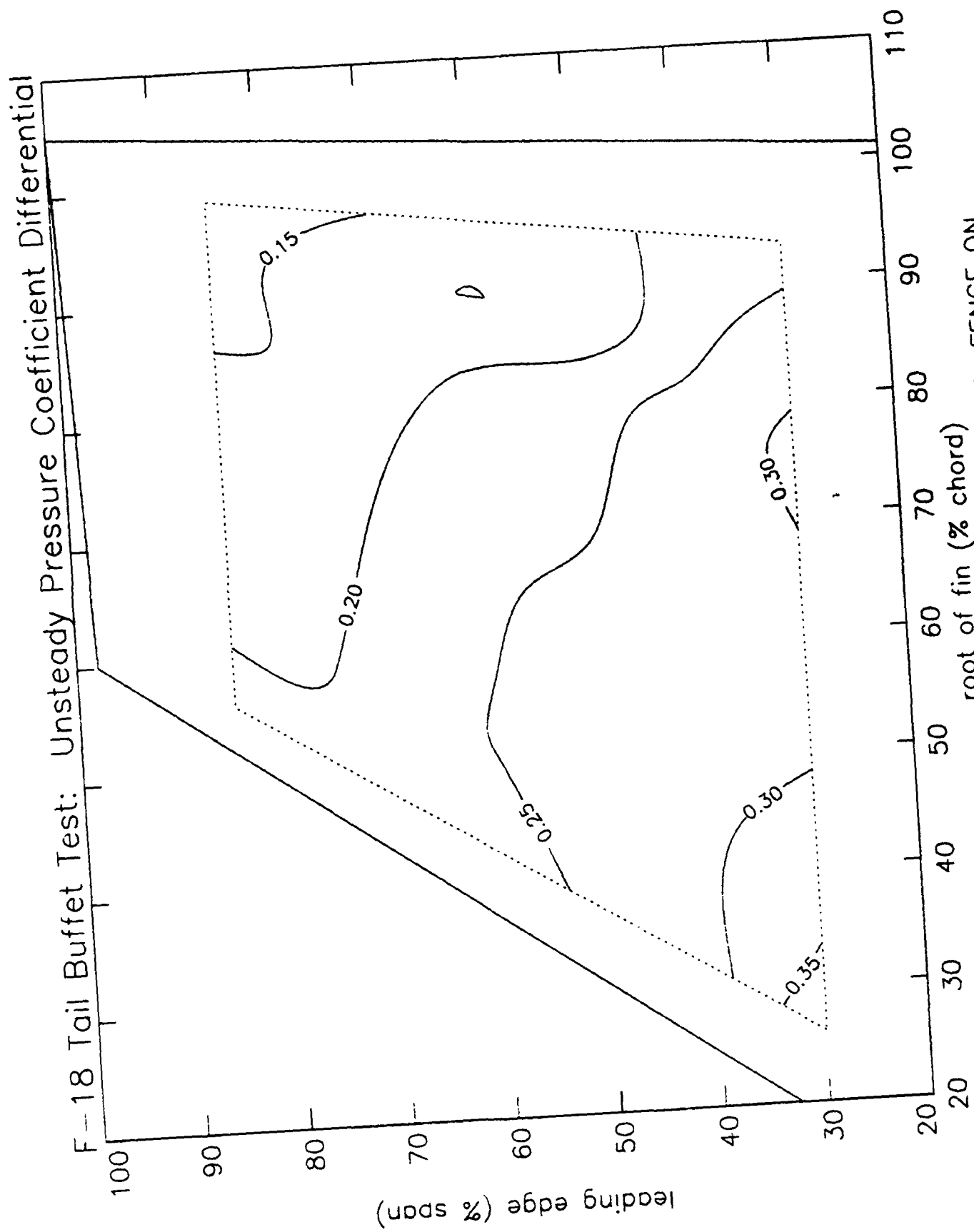


Record 148: $Q=33$ $\text{Alpha}=30$ $\text{Beta}=-2$ FENCE ON

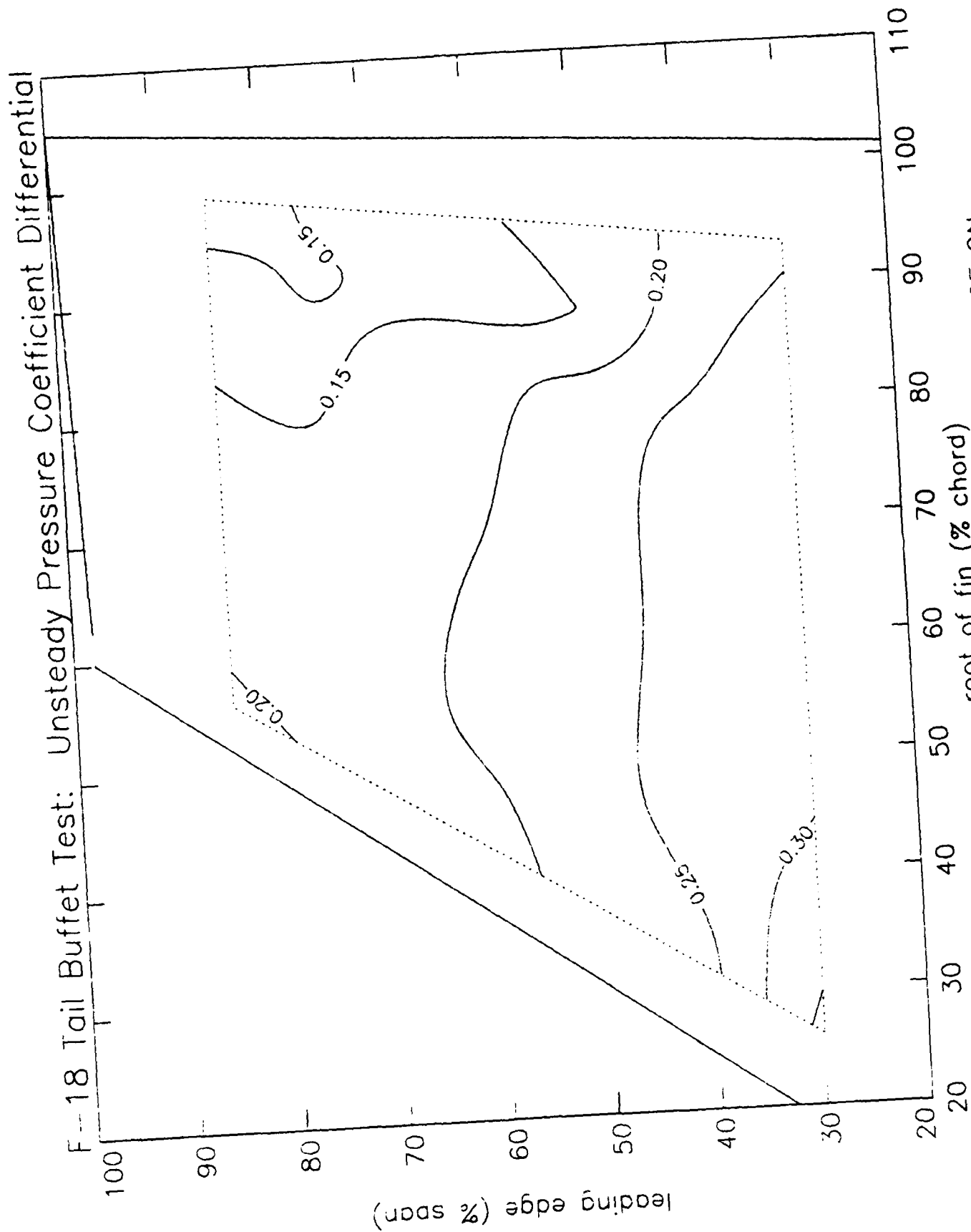


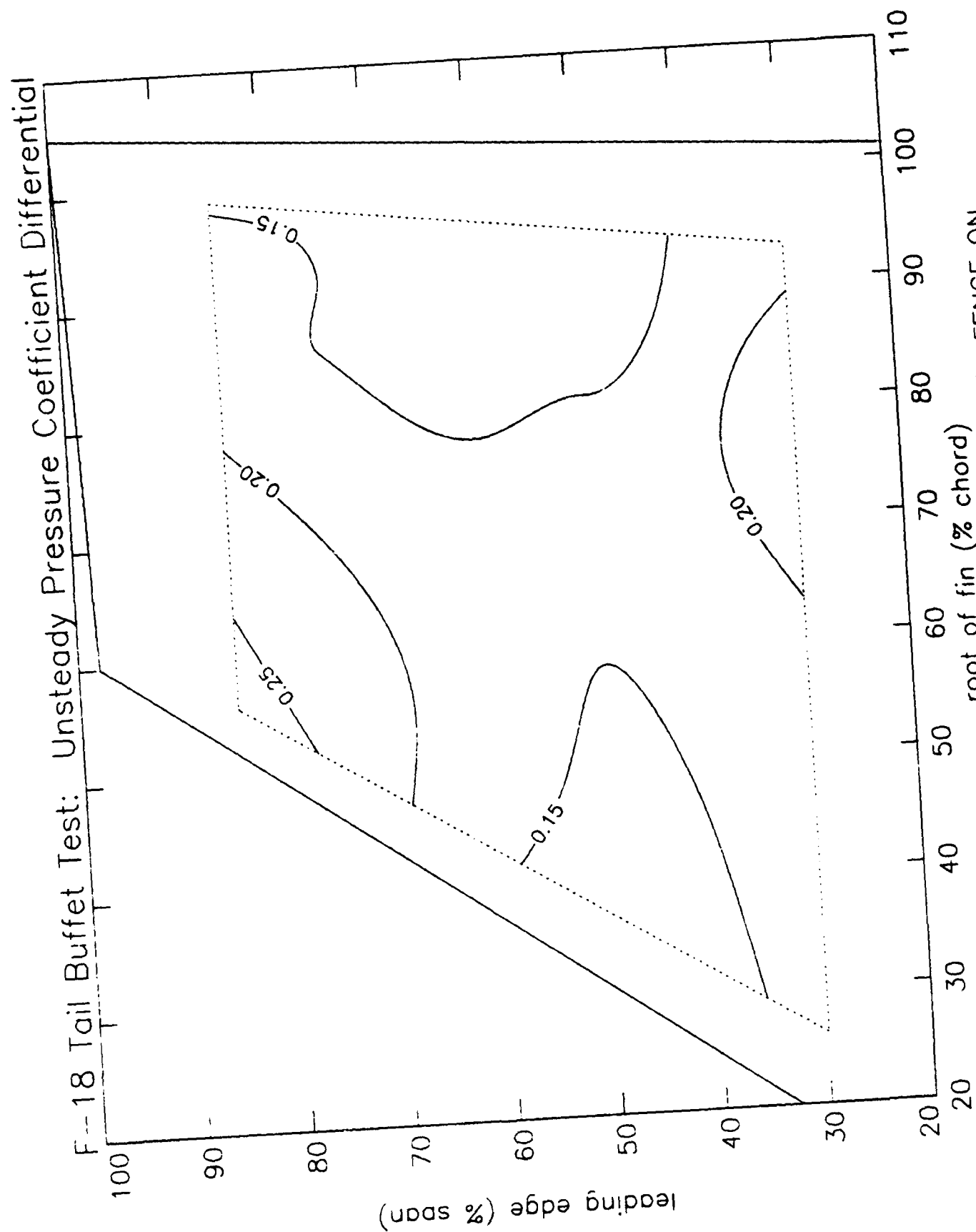
Record 146: $Q=33$ $\text{Alpha}=30$ $\text{Beta}=0$ FENCE ON



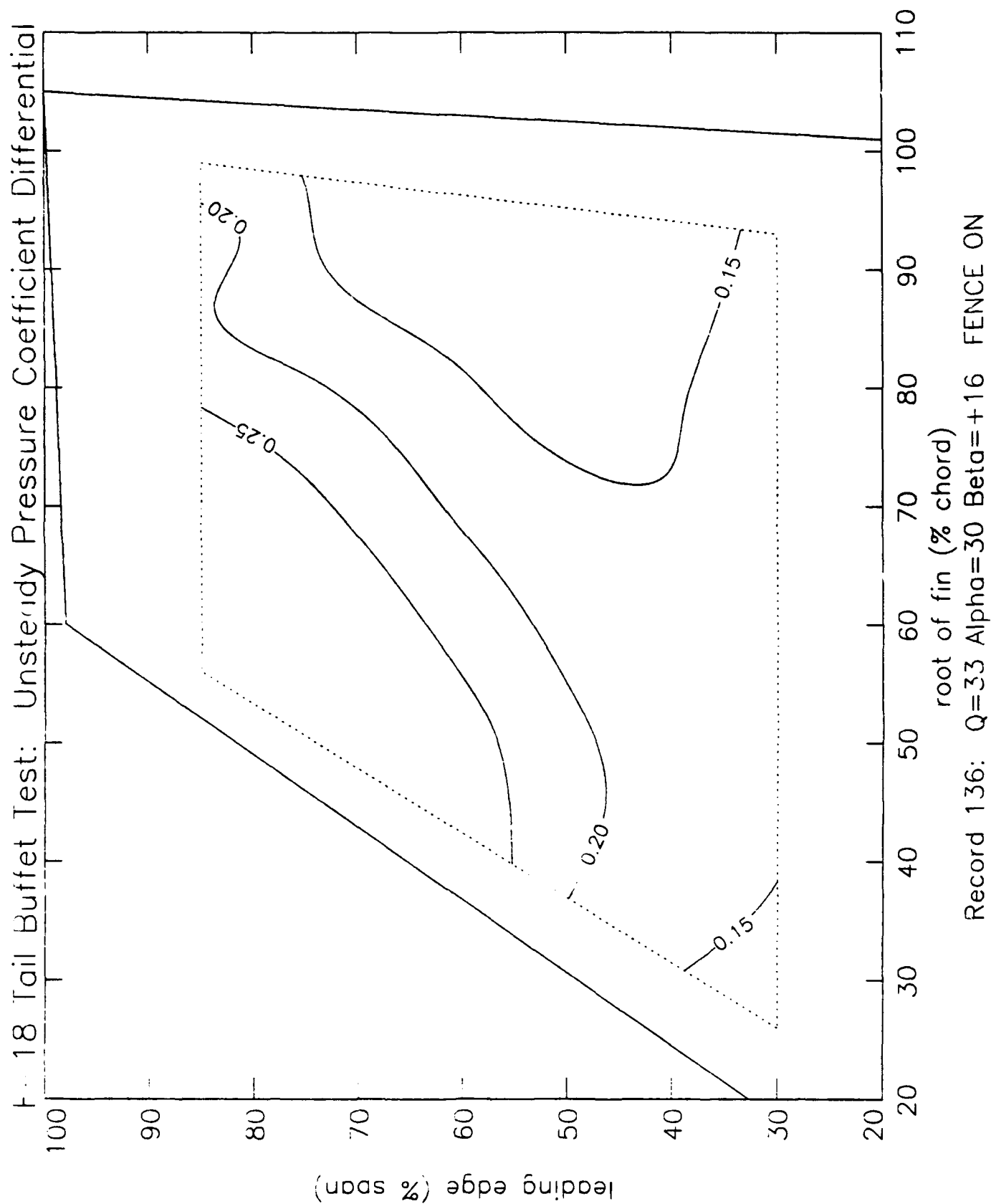


Record 142: $Q=33$ $\alpha=30$ $\beta=+4$ FENCE ON





Record 138: $Q=33$ $\alpha=30$ $\beta=+10$ FENCE ON



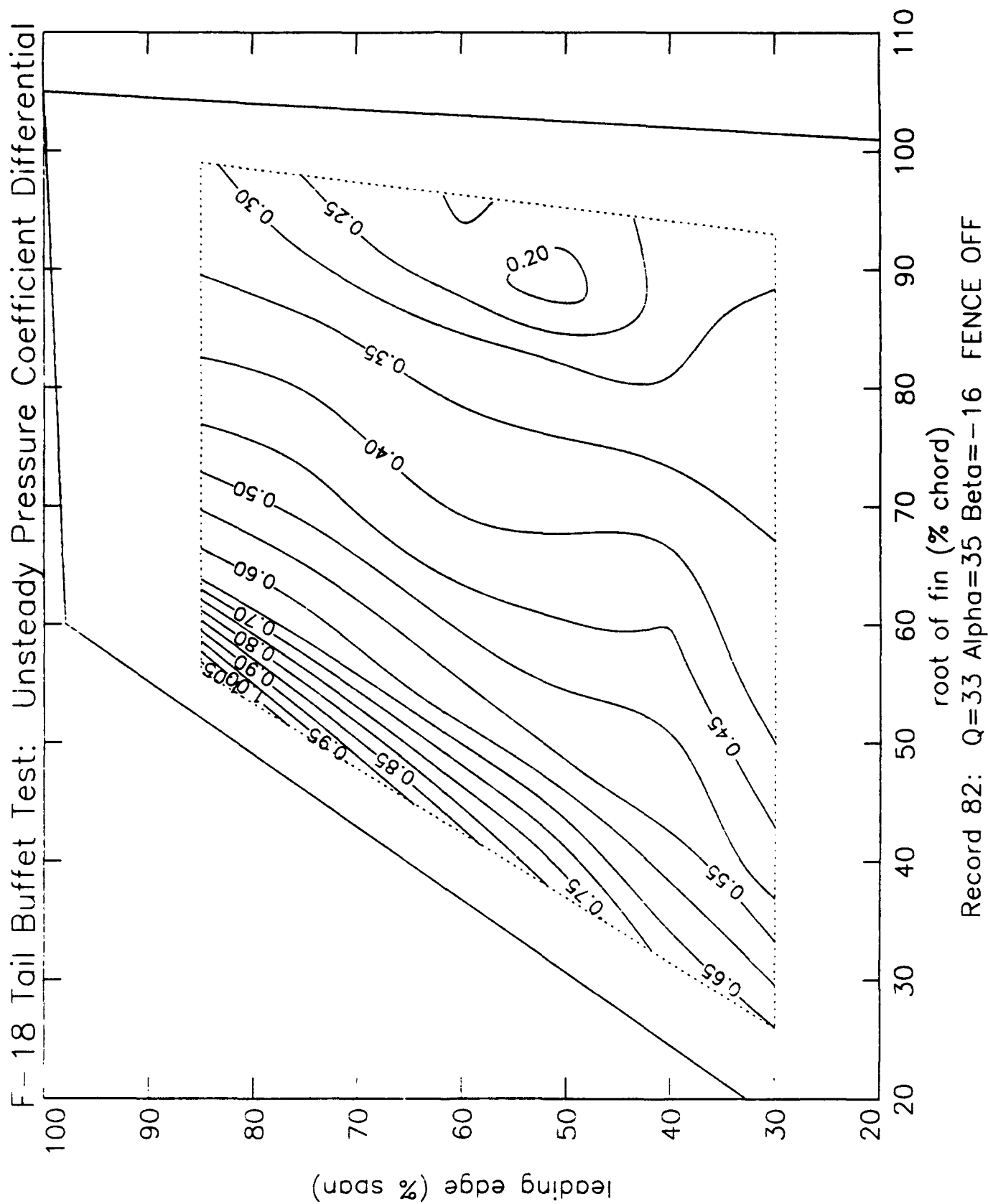
**Root-Mean-Square Pressure Coefficient Differential
Contour Plots**

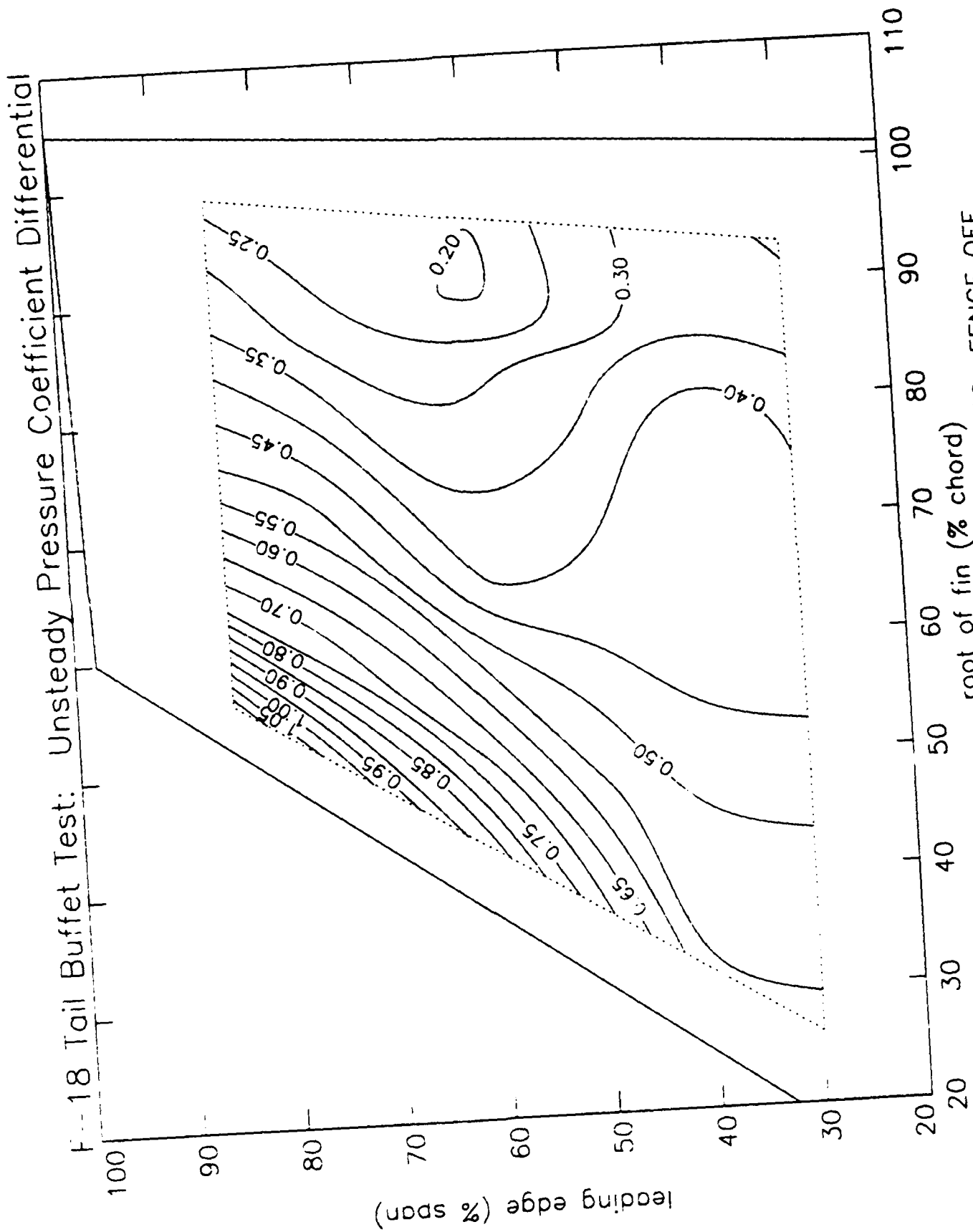
Sideslip Sweep at 35 *deg* Angle-of-Attack, $Q = 33$ *psf*

Sideslip Angles: -16, -10, -6, -4, -2, 0, 2, 4, 6, 10, and 16 *deg*

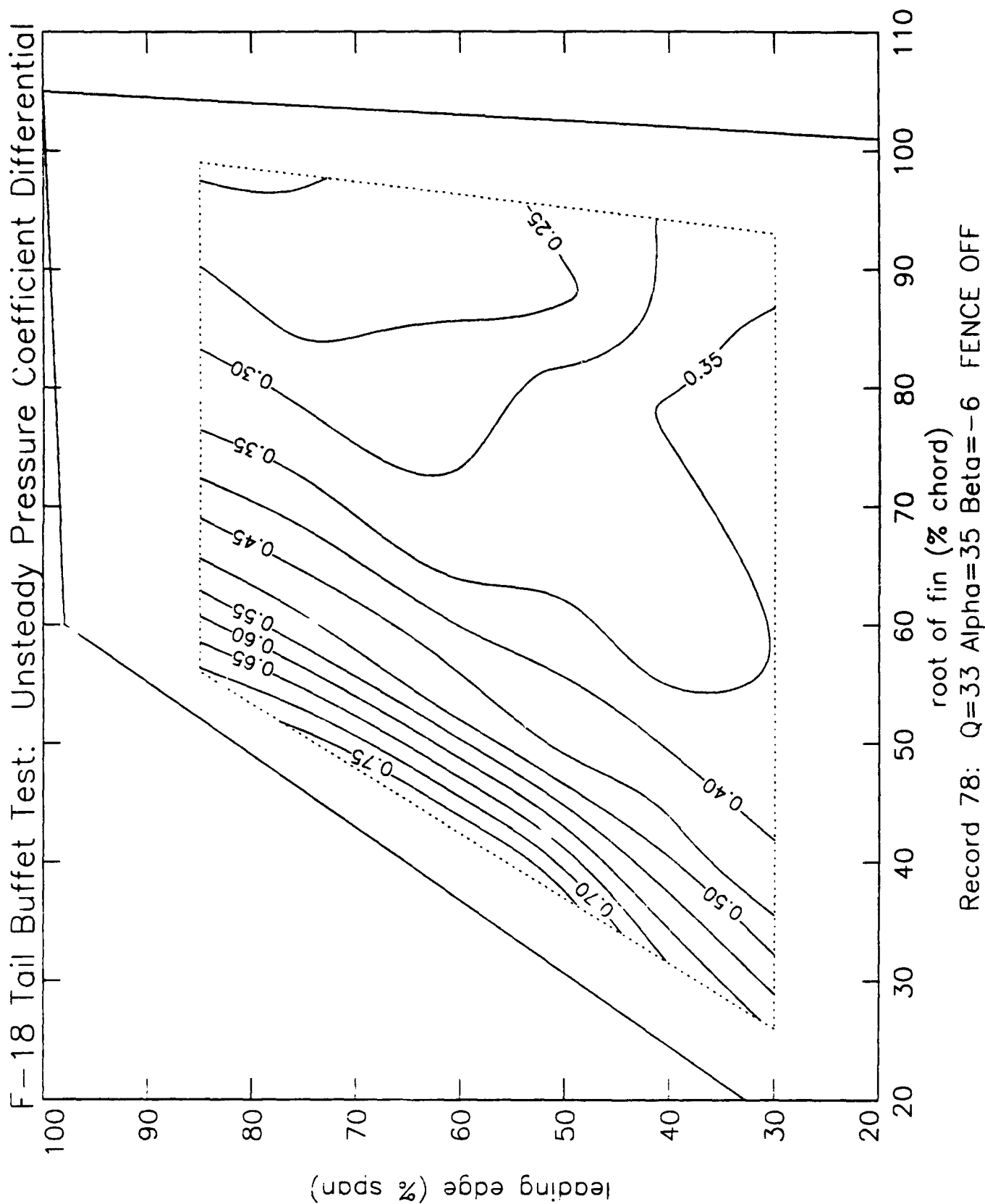
Please note: The relevant test conditions, including use of the LEX fence, are listed on each plot along the axis titled, "Root of Fin (% chord)."

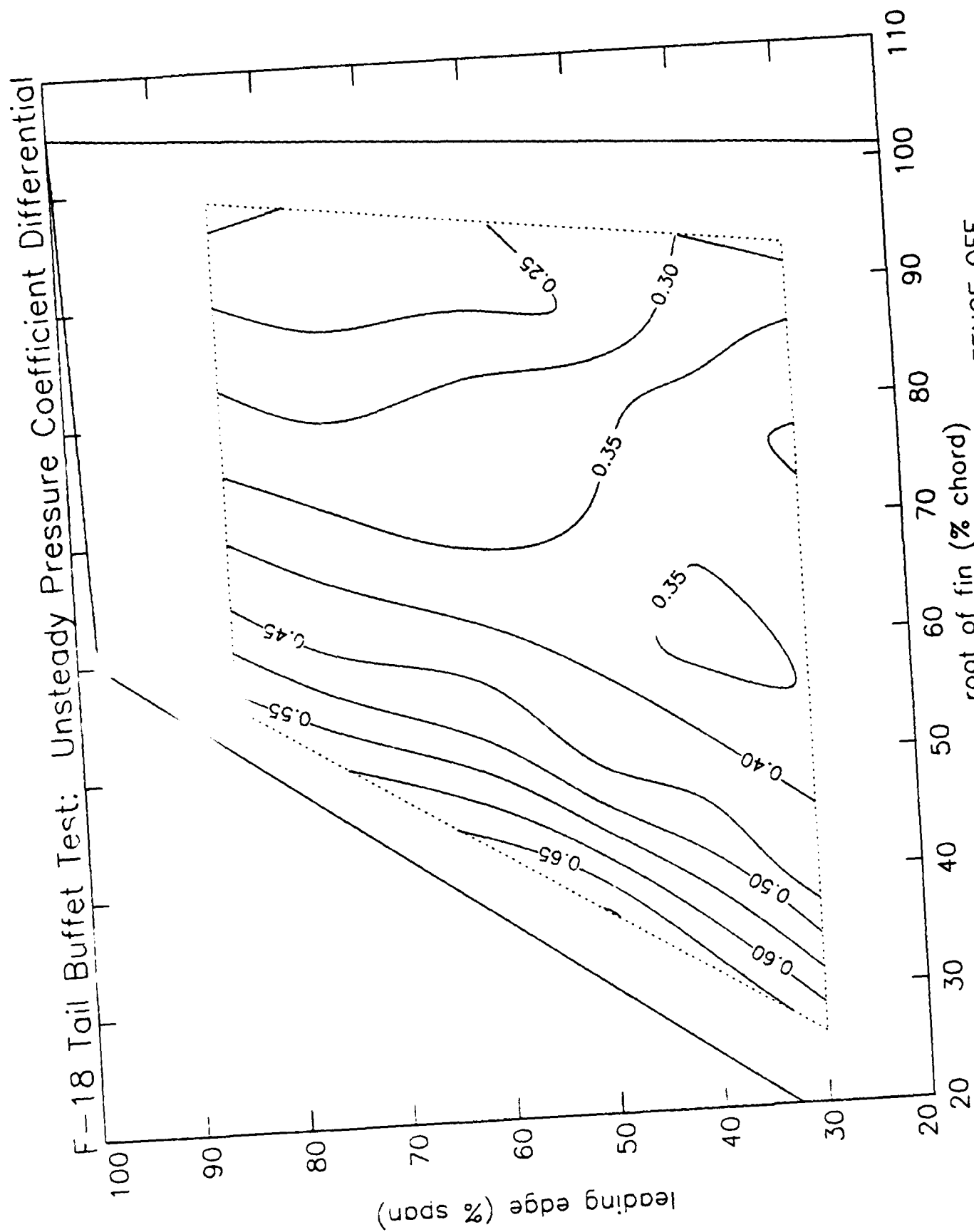
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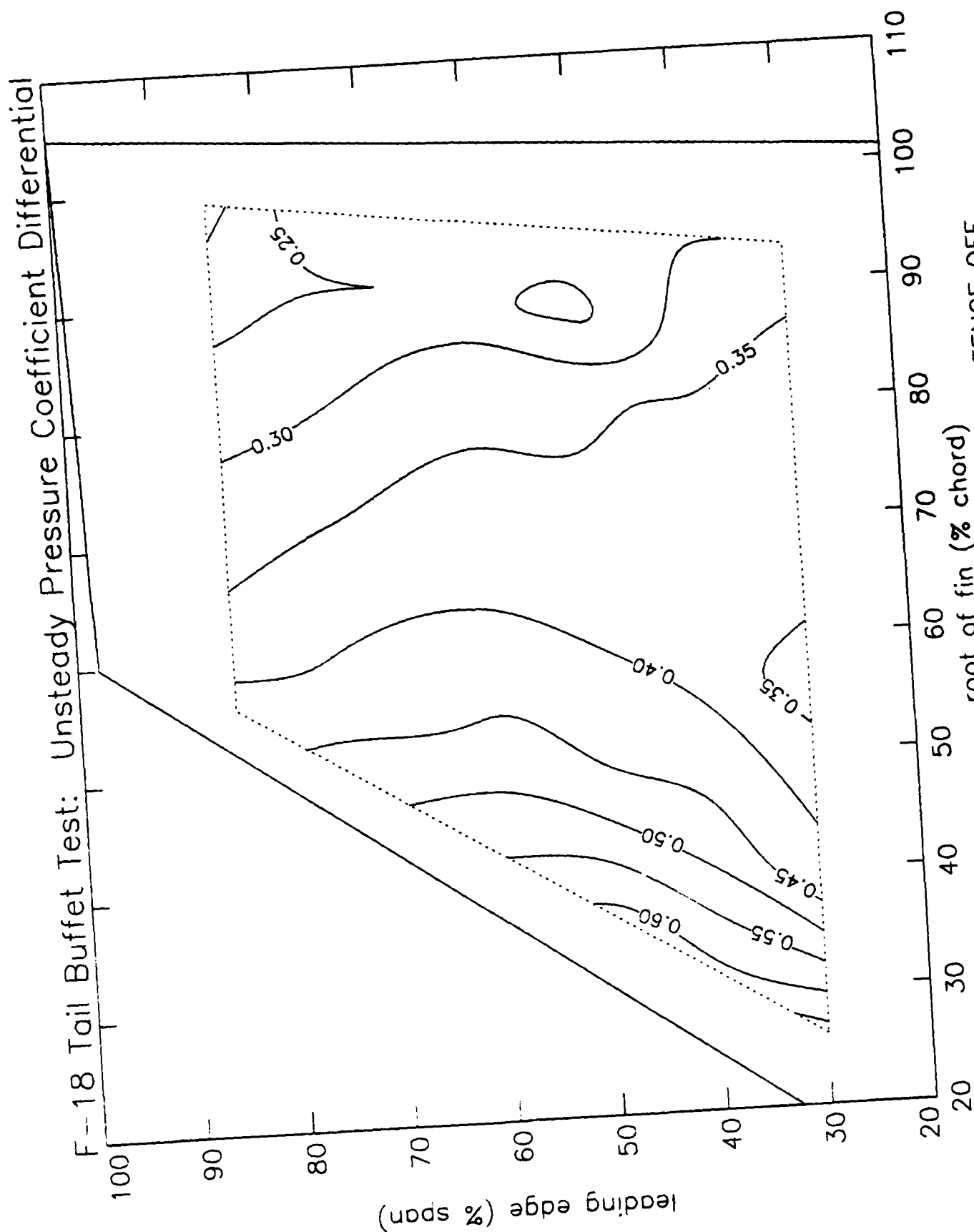




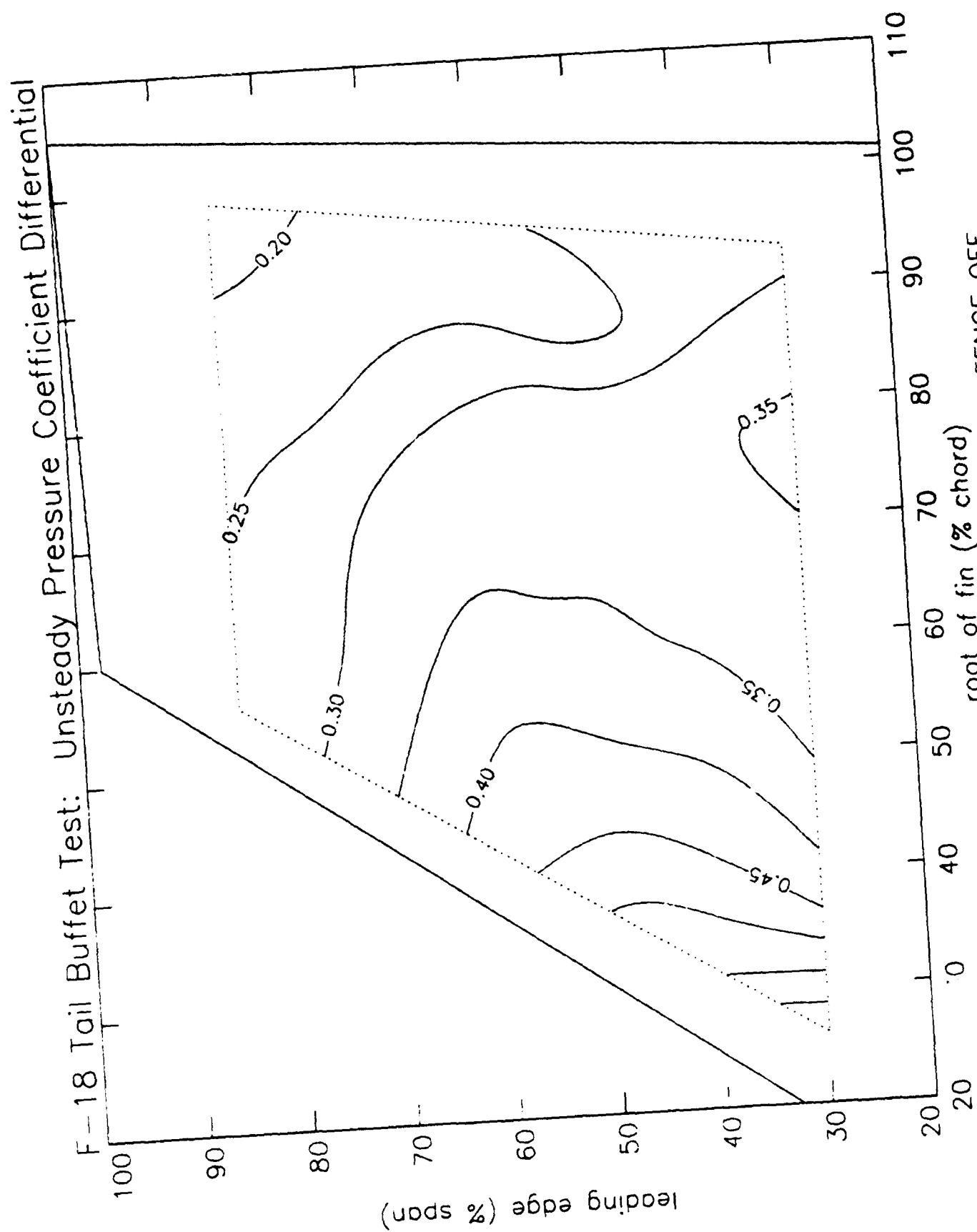
Record 79: $Q=33$ $\text{Alpha}=35$ $\text{Beta}=-10$ FENCE OFF



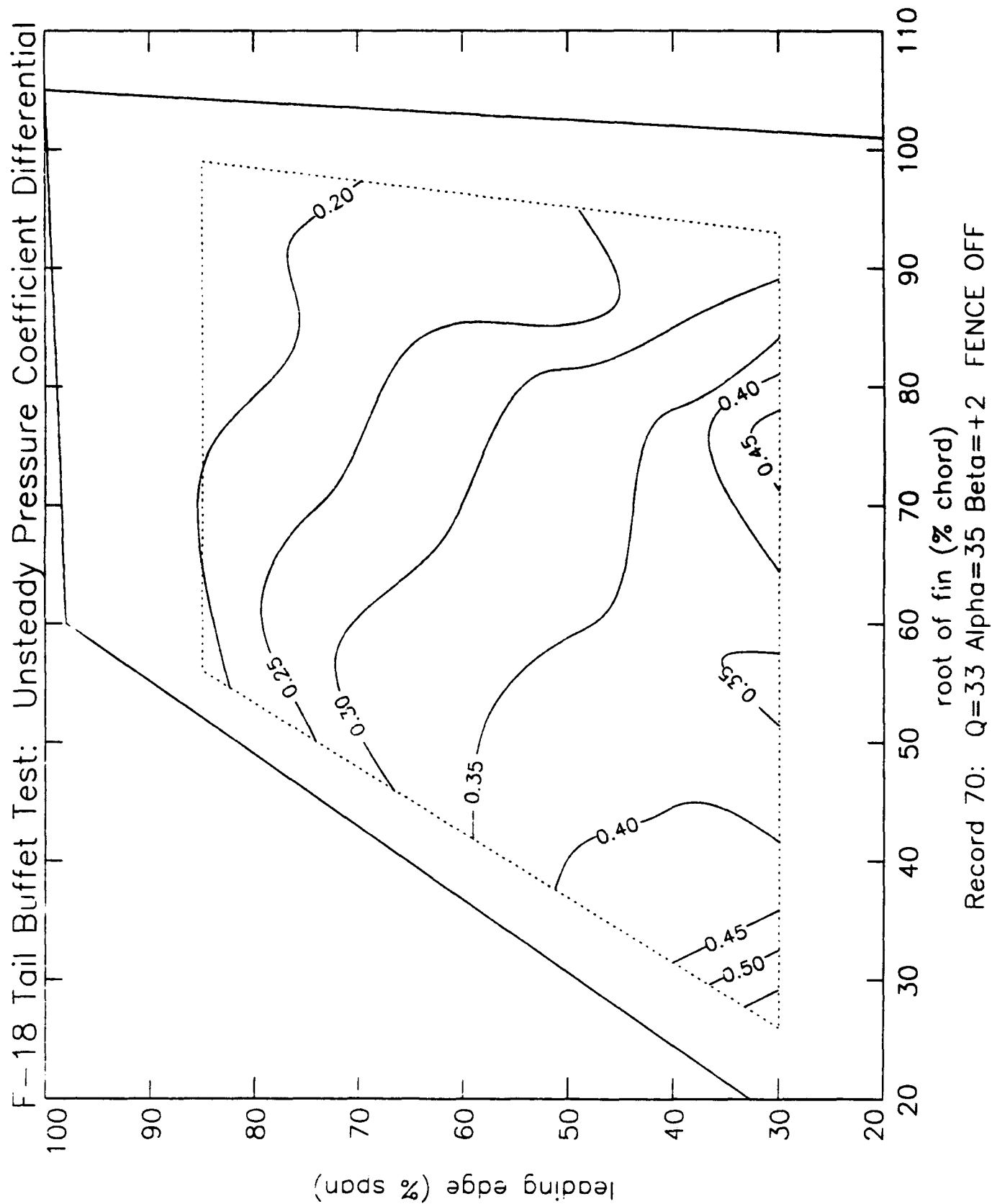




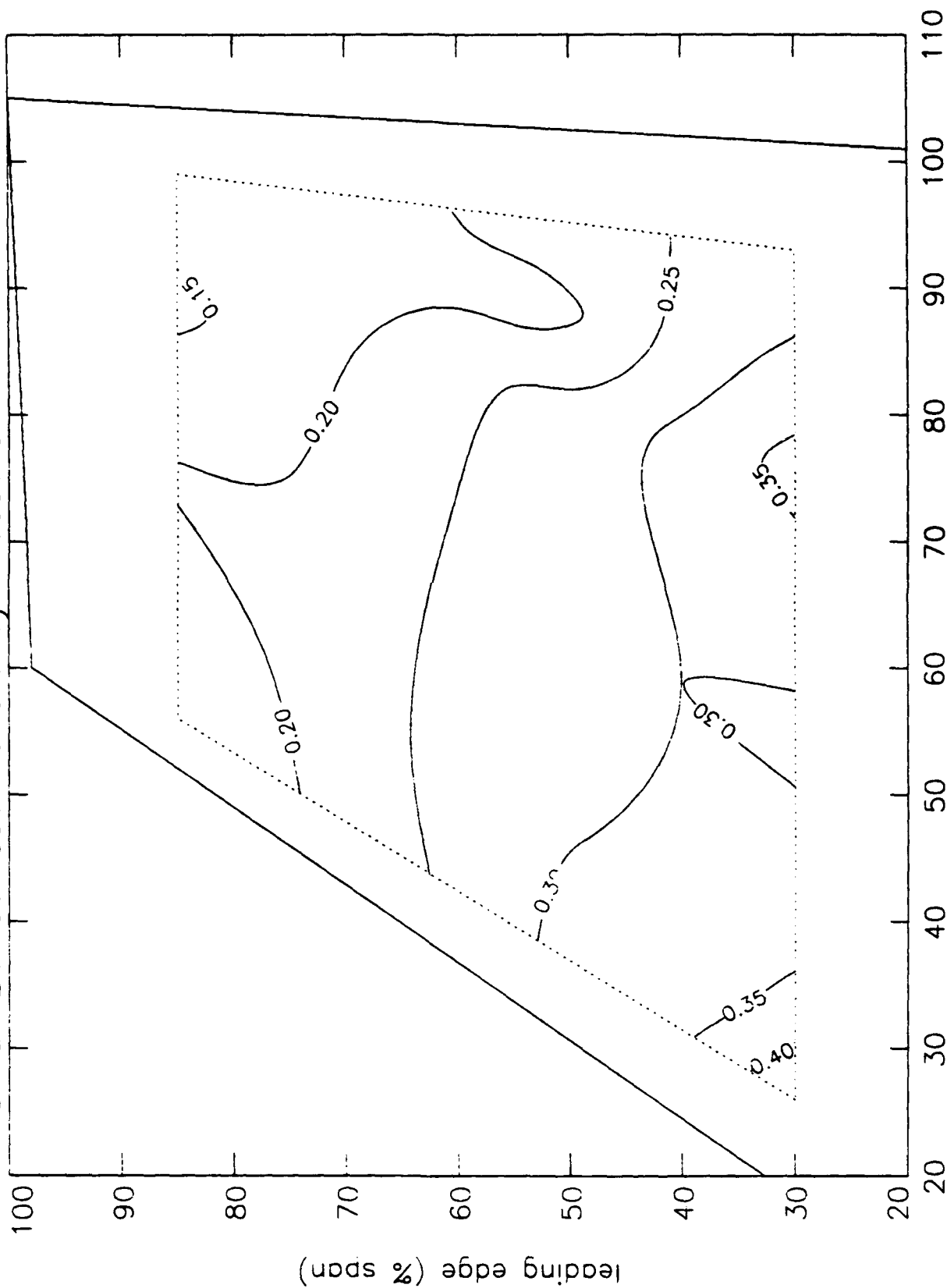
Record 74: $Q=33$ $\text{Alpha}=35$ $\text{Beta}=-2$ FENCE OFF



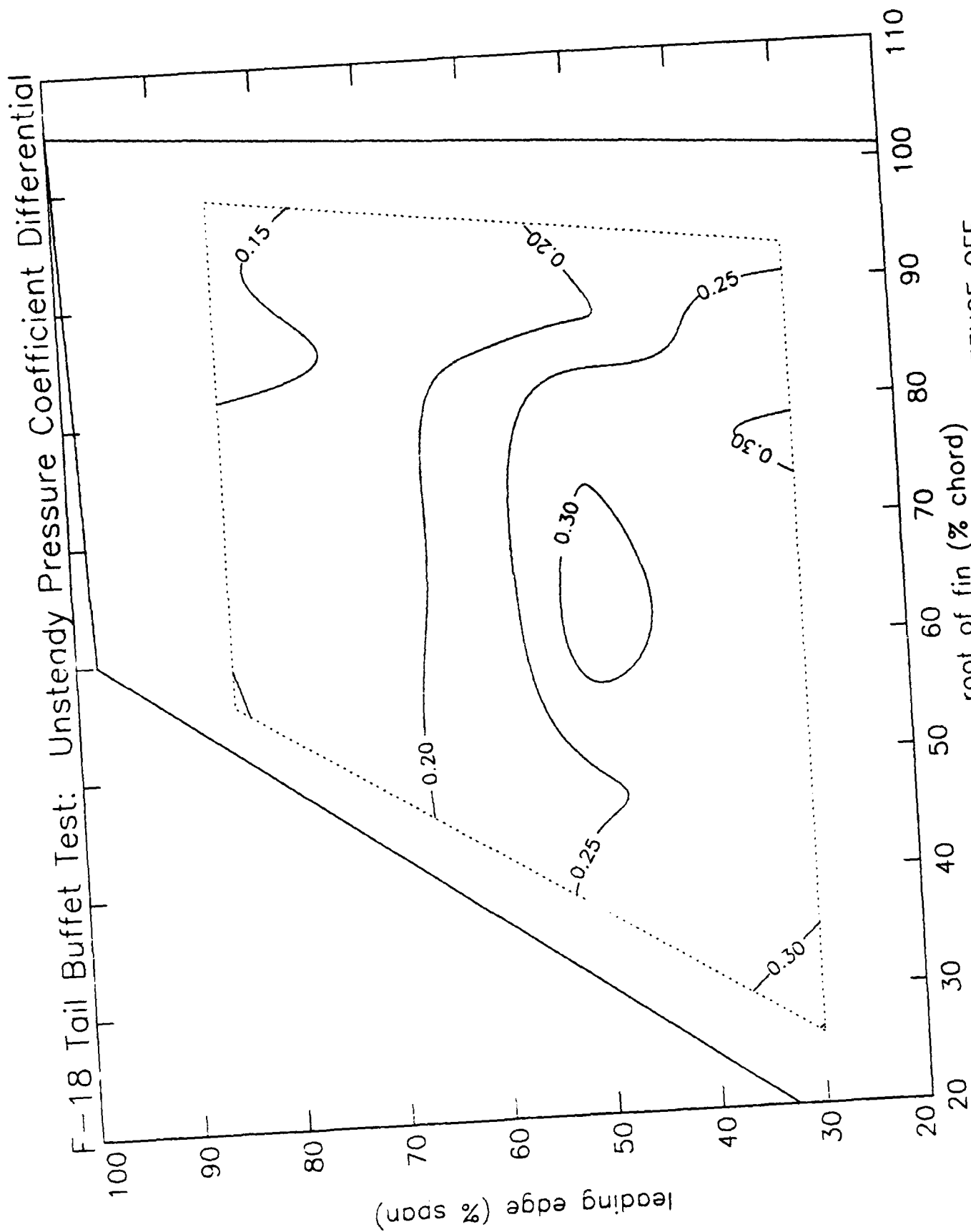
Record 71: $Q=33$ $\text{Alpha}=35$ $\text{Beta}=0$ FENCE OFF



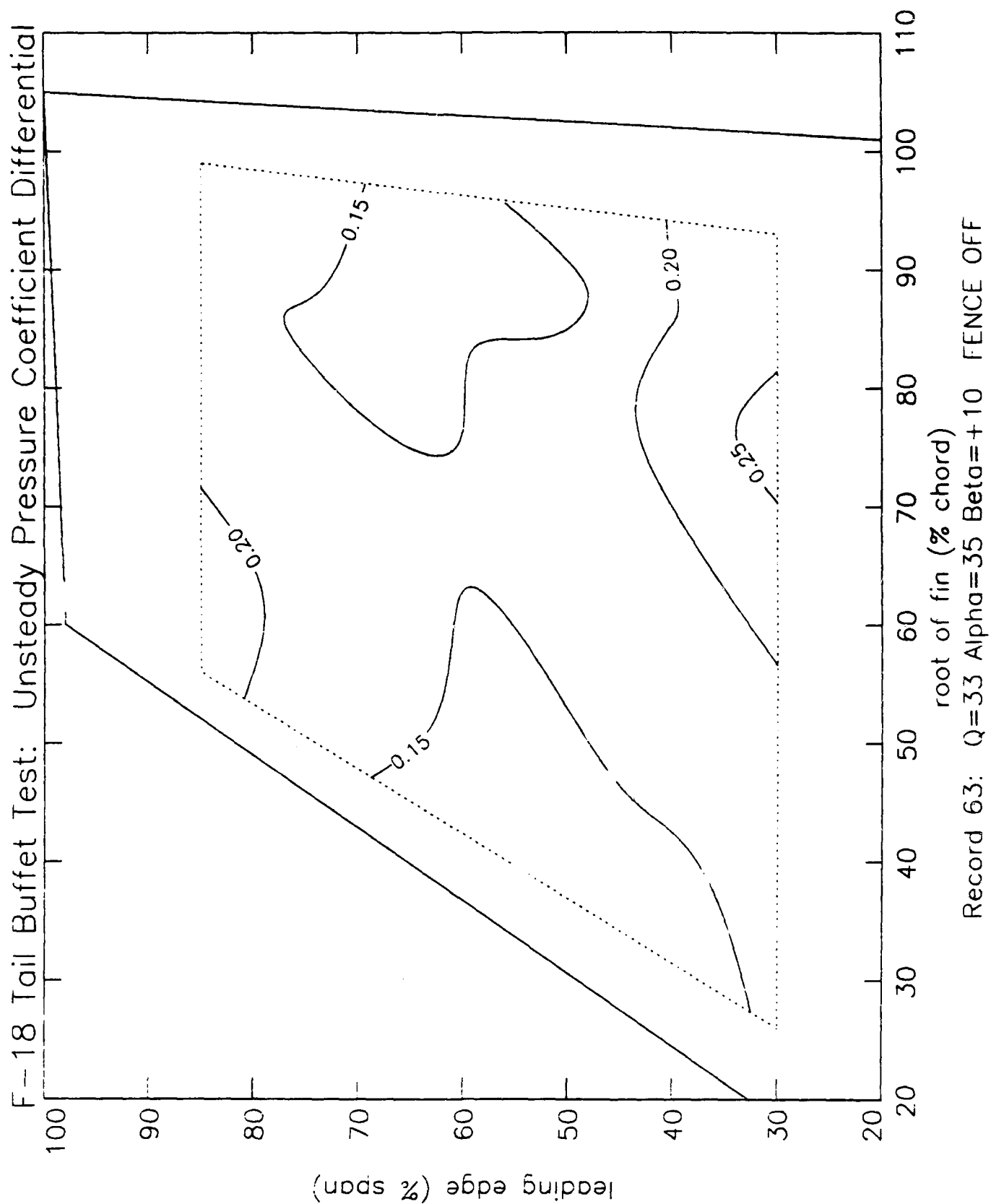
F-18 Tail Buffet Test: Unsteady Pressure Coefficient Differential

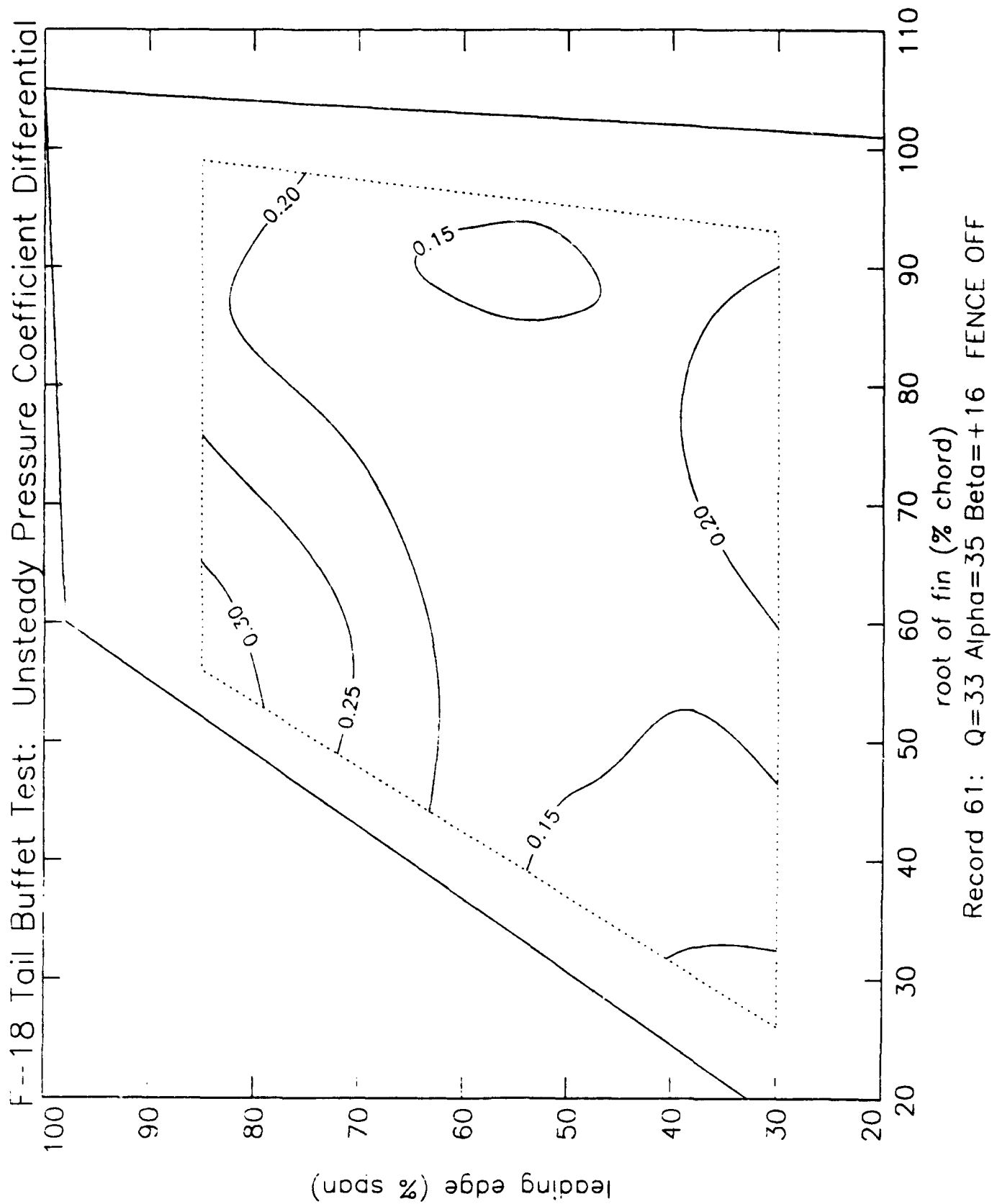


Record 67: Q=33 Alpha=35 Beta=+4 FENCE OFF

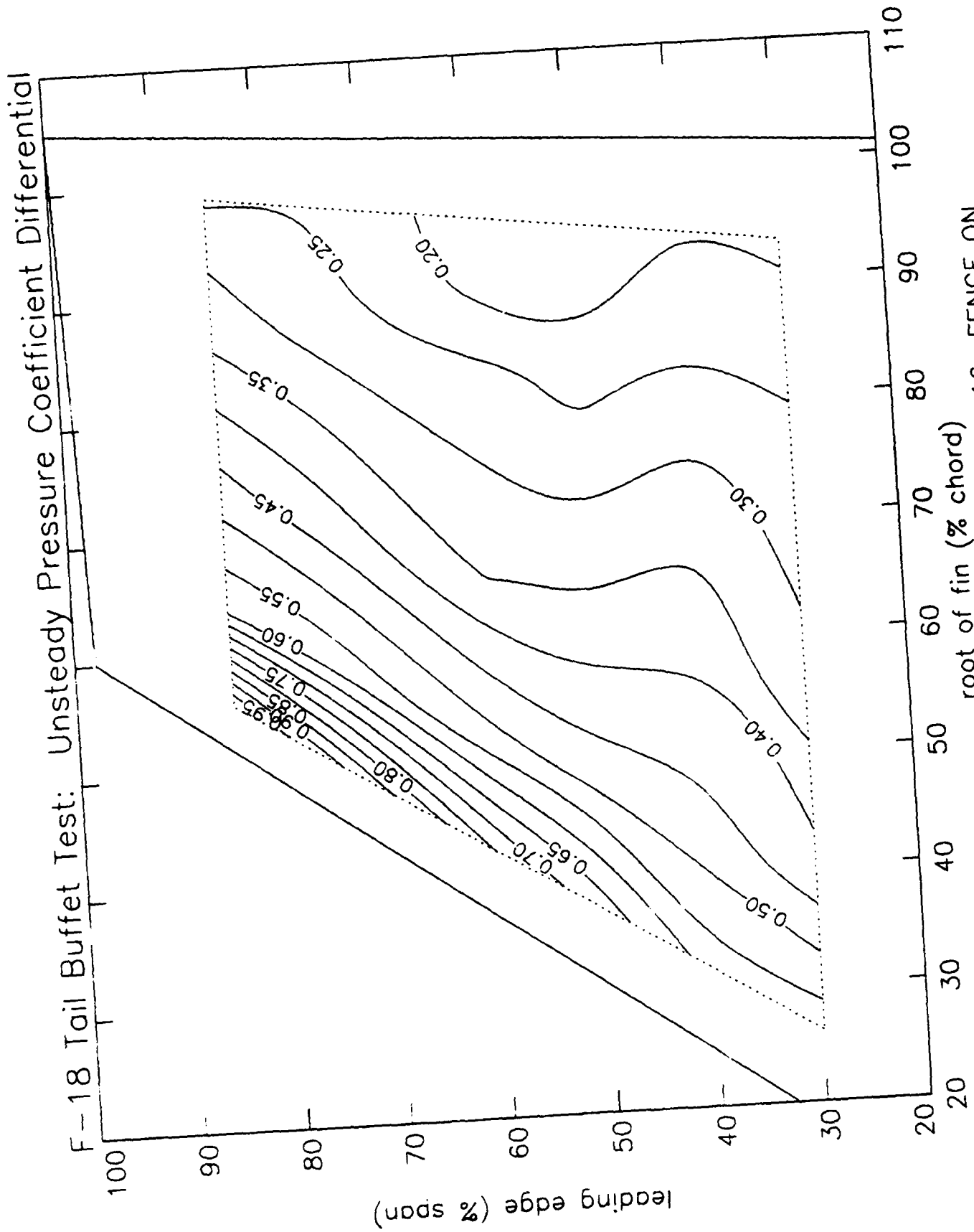


Record 66: $Q=33$ $\text{Alpha}=35$ $\text{Beta}=+6$ FENCE OFF

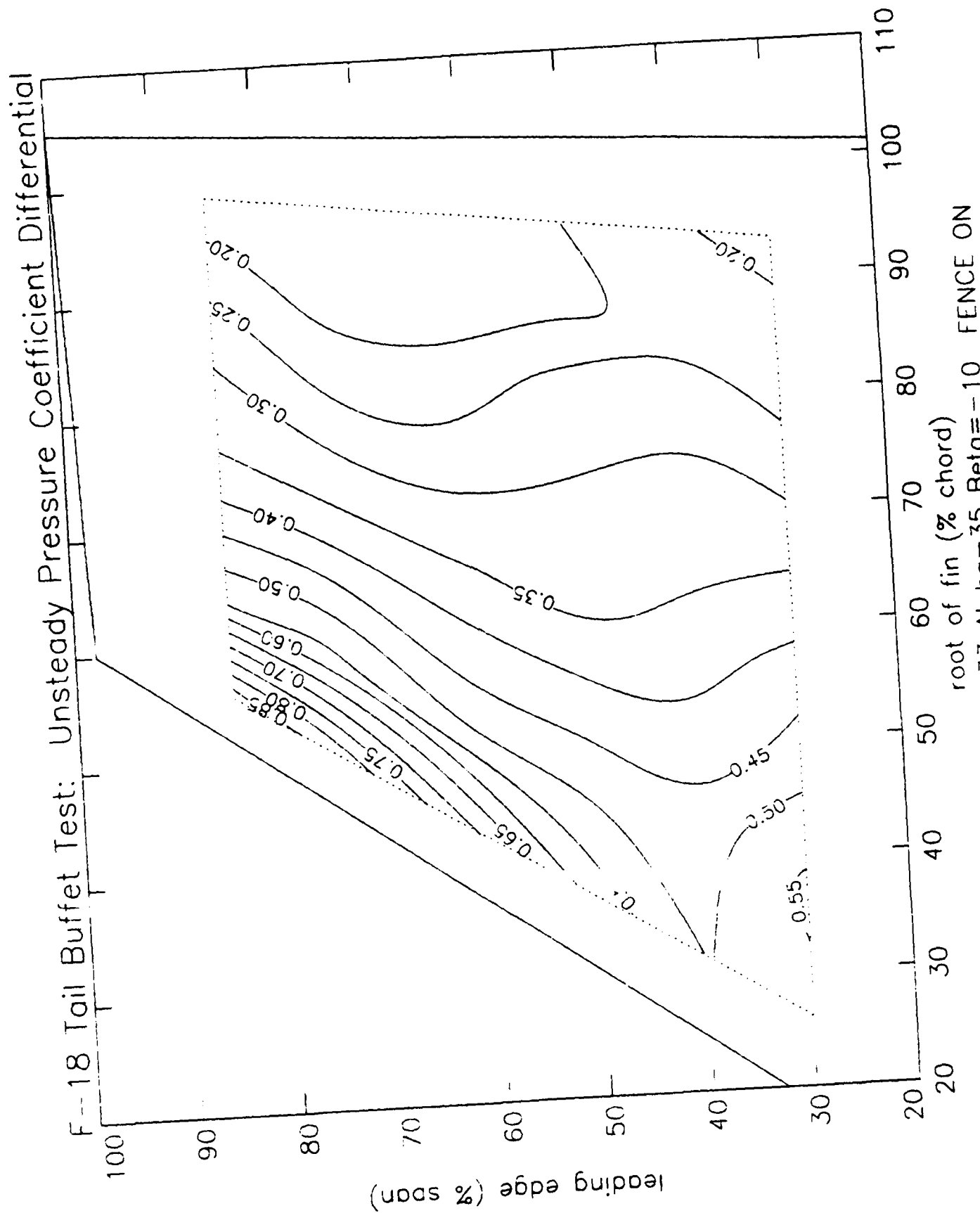


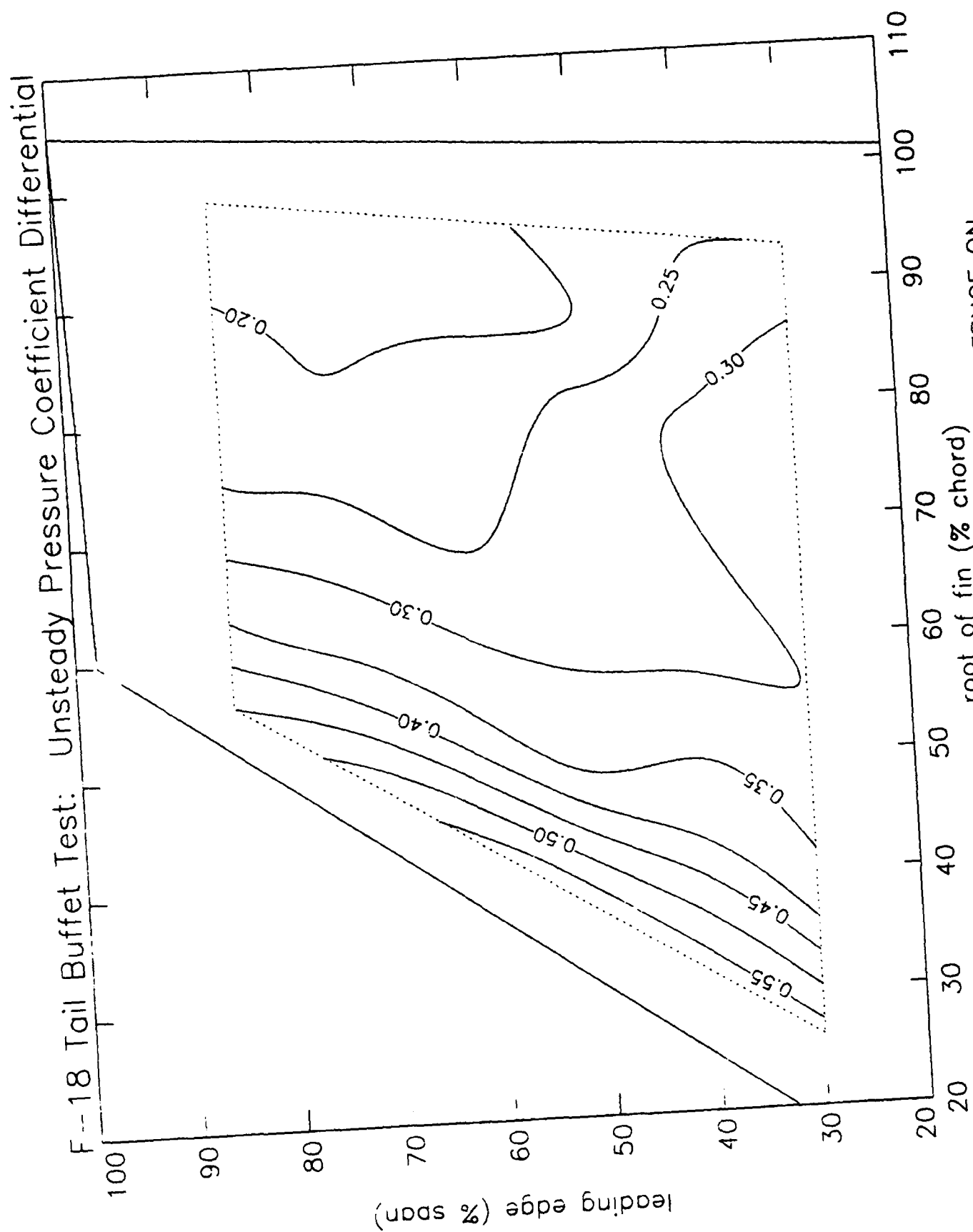


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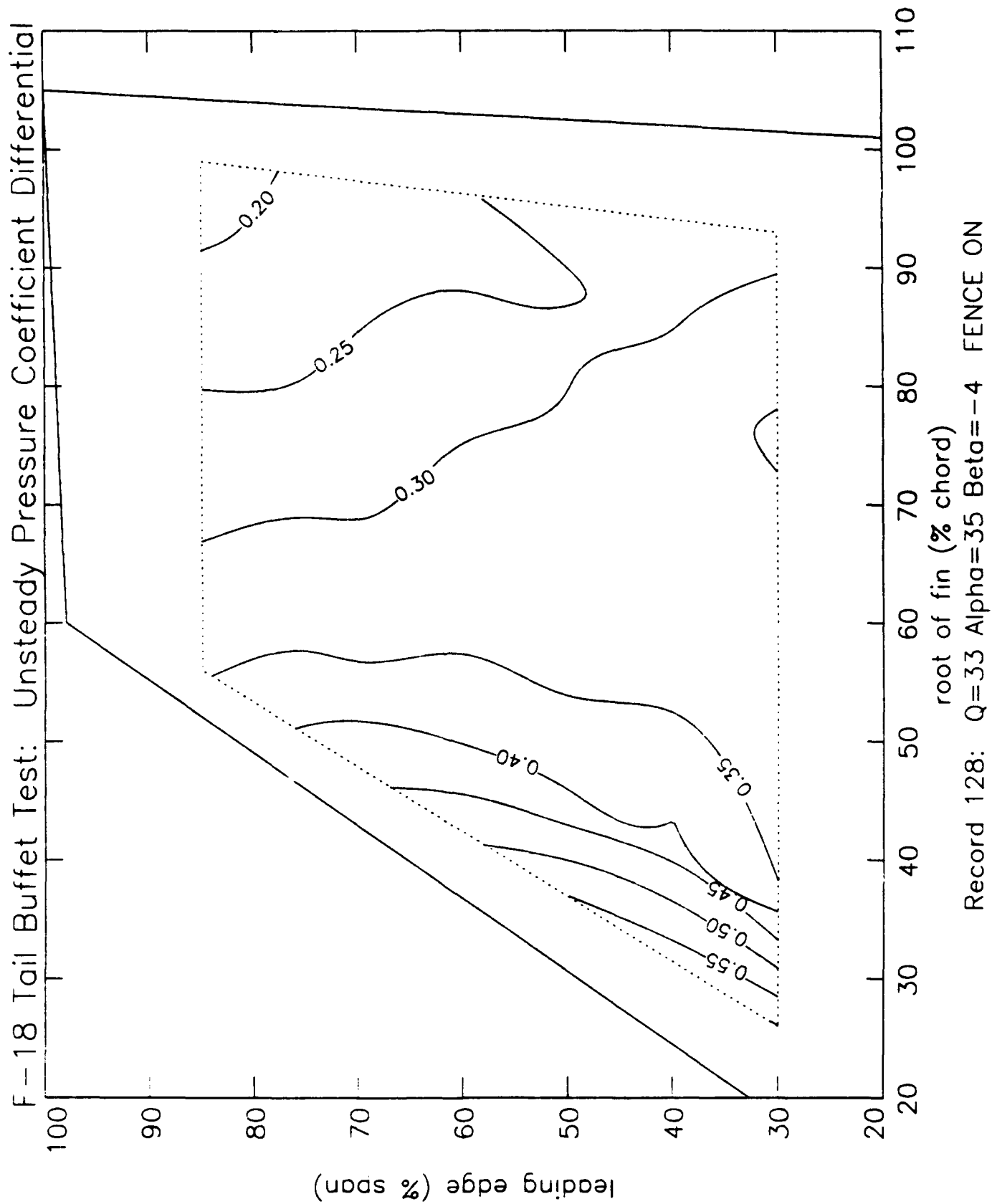


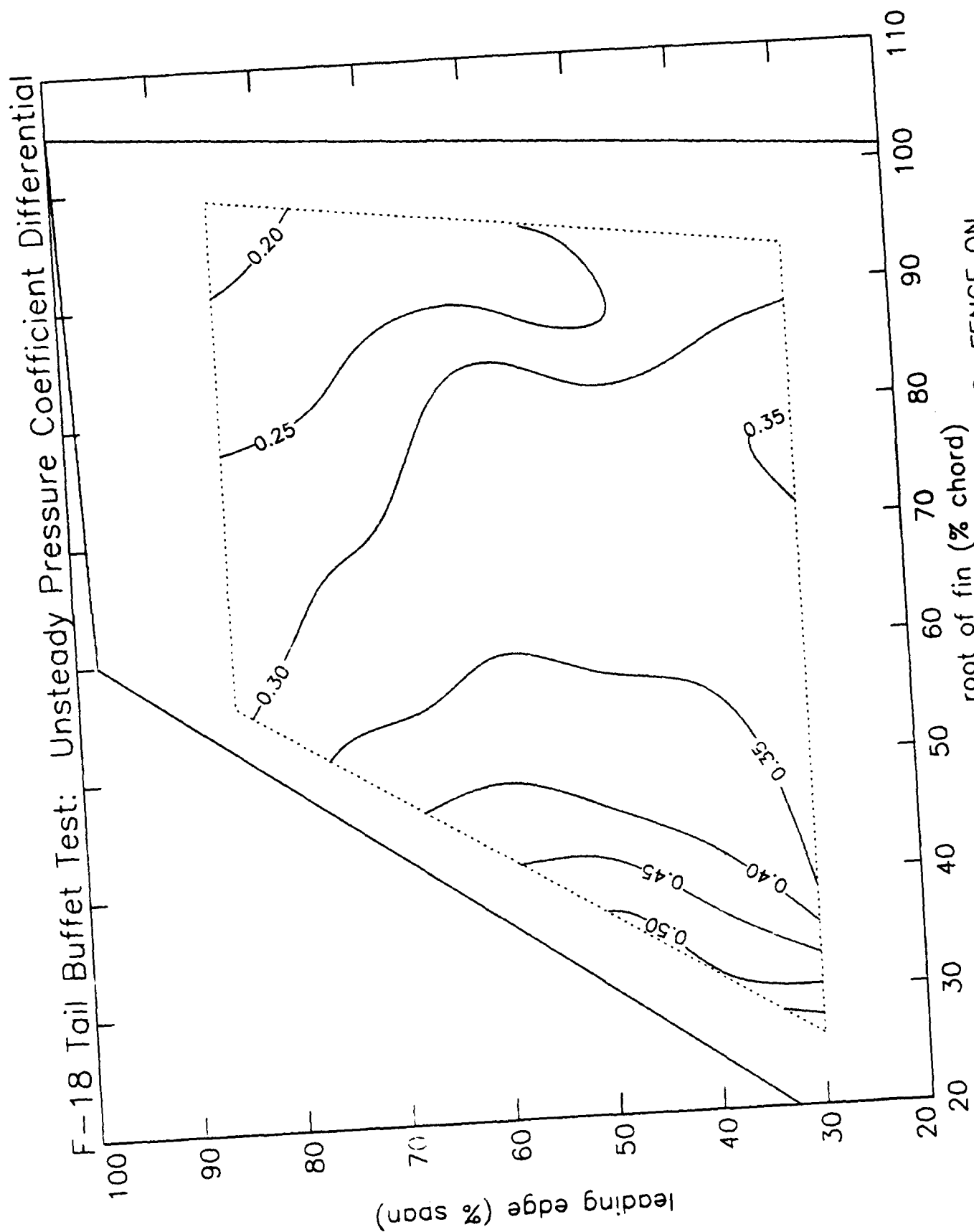
Record 134: $Q=33$ $\text{Alpha}=35$ $\text{Beta}=-16$ FENCE ON



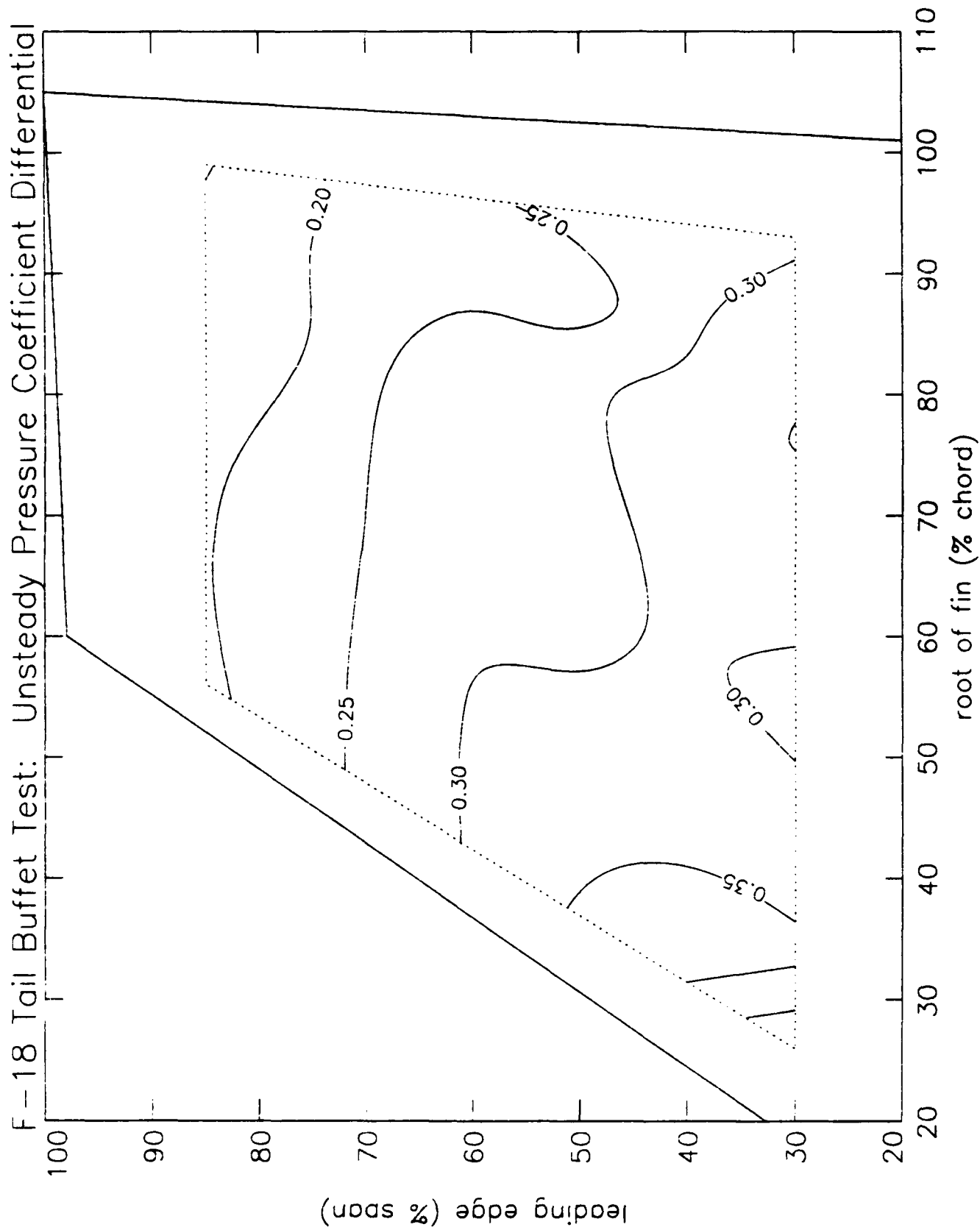


Record 130: $Q=33$ $\text{Alpha}=35$ $\text{Beta}=-6$ FENCE ON

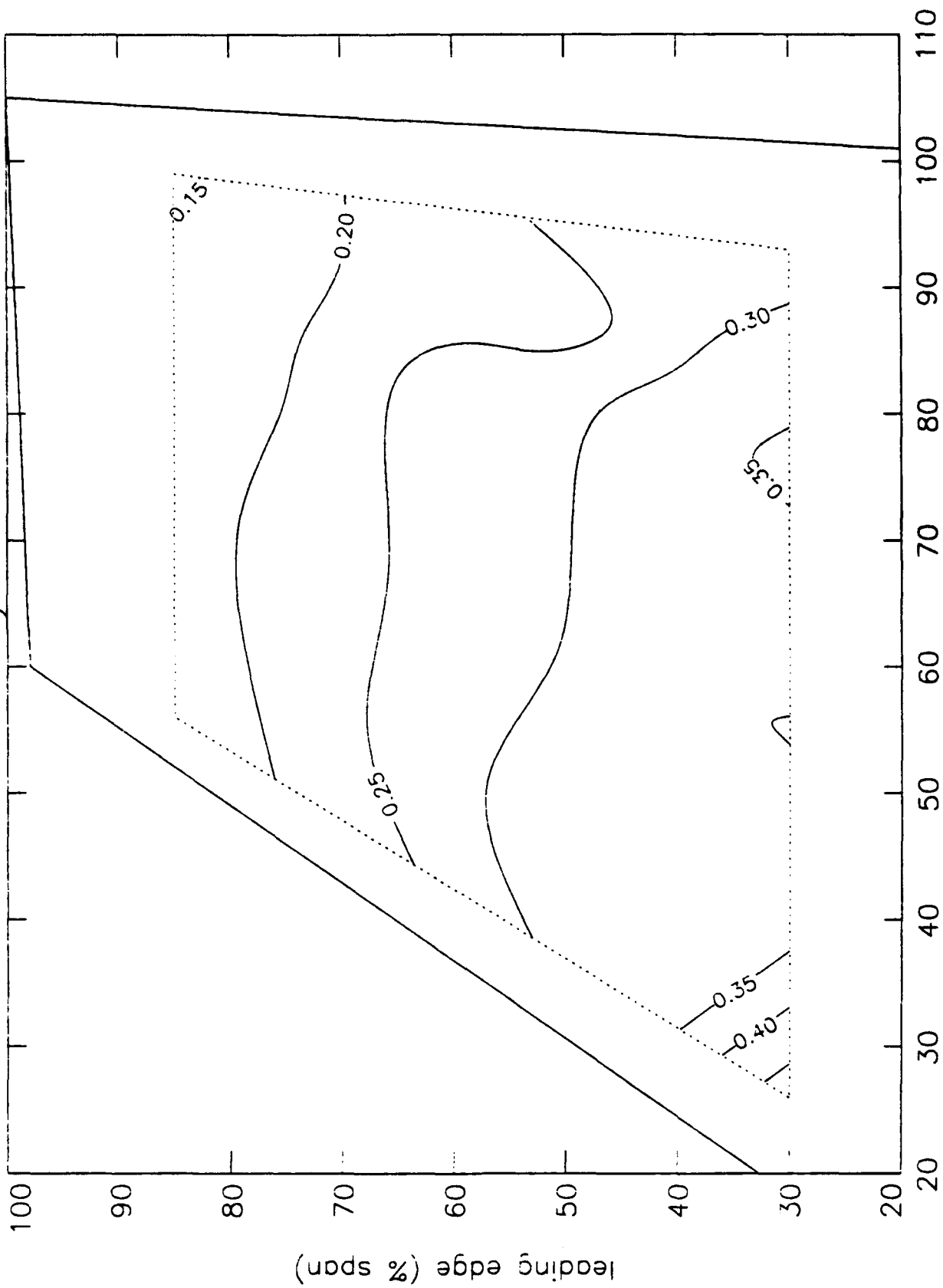




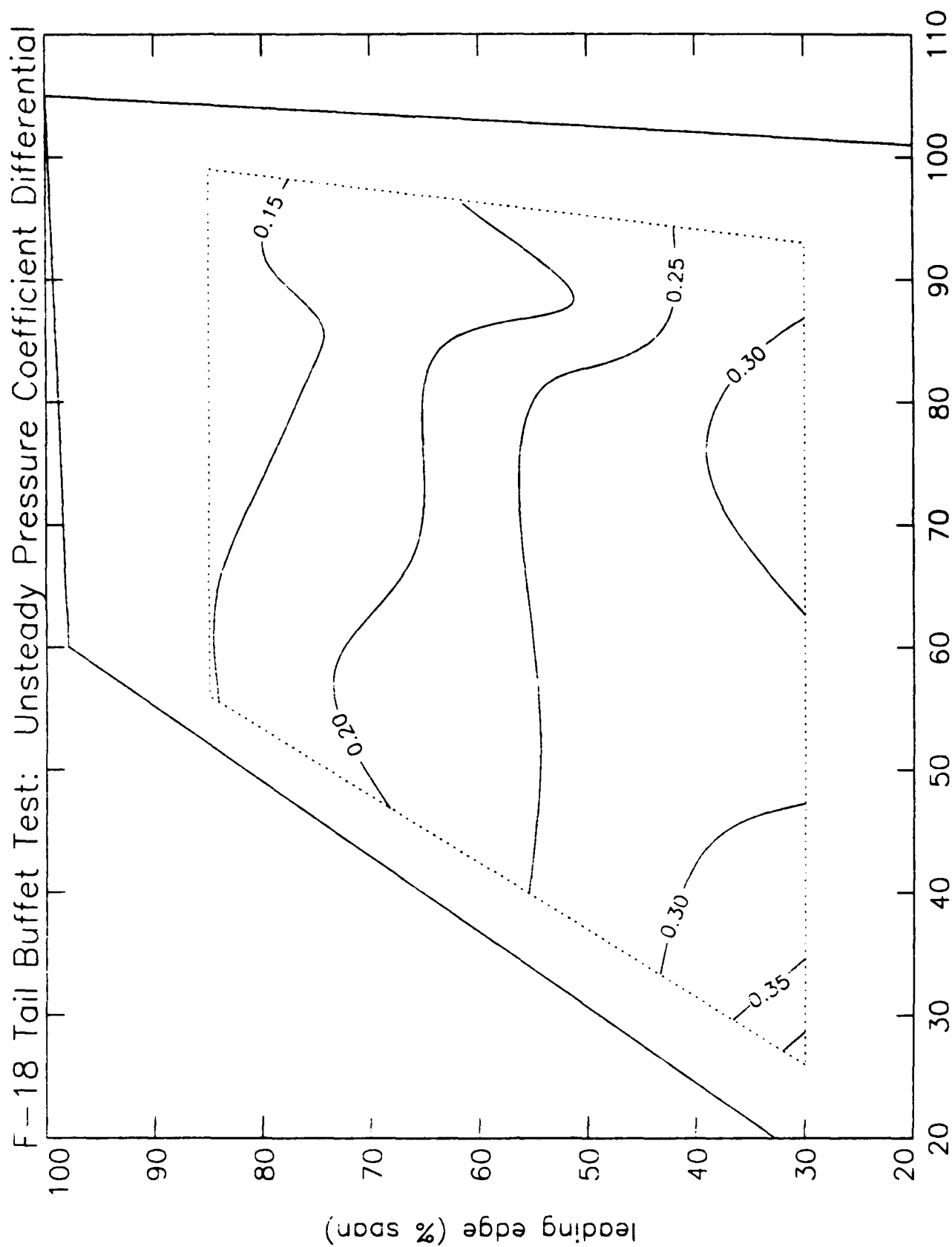
Record 126: $Q=33$ Alpha=35 Beta=-2 FENCE ON



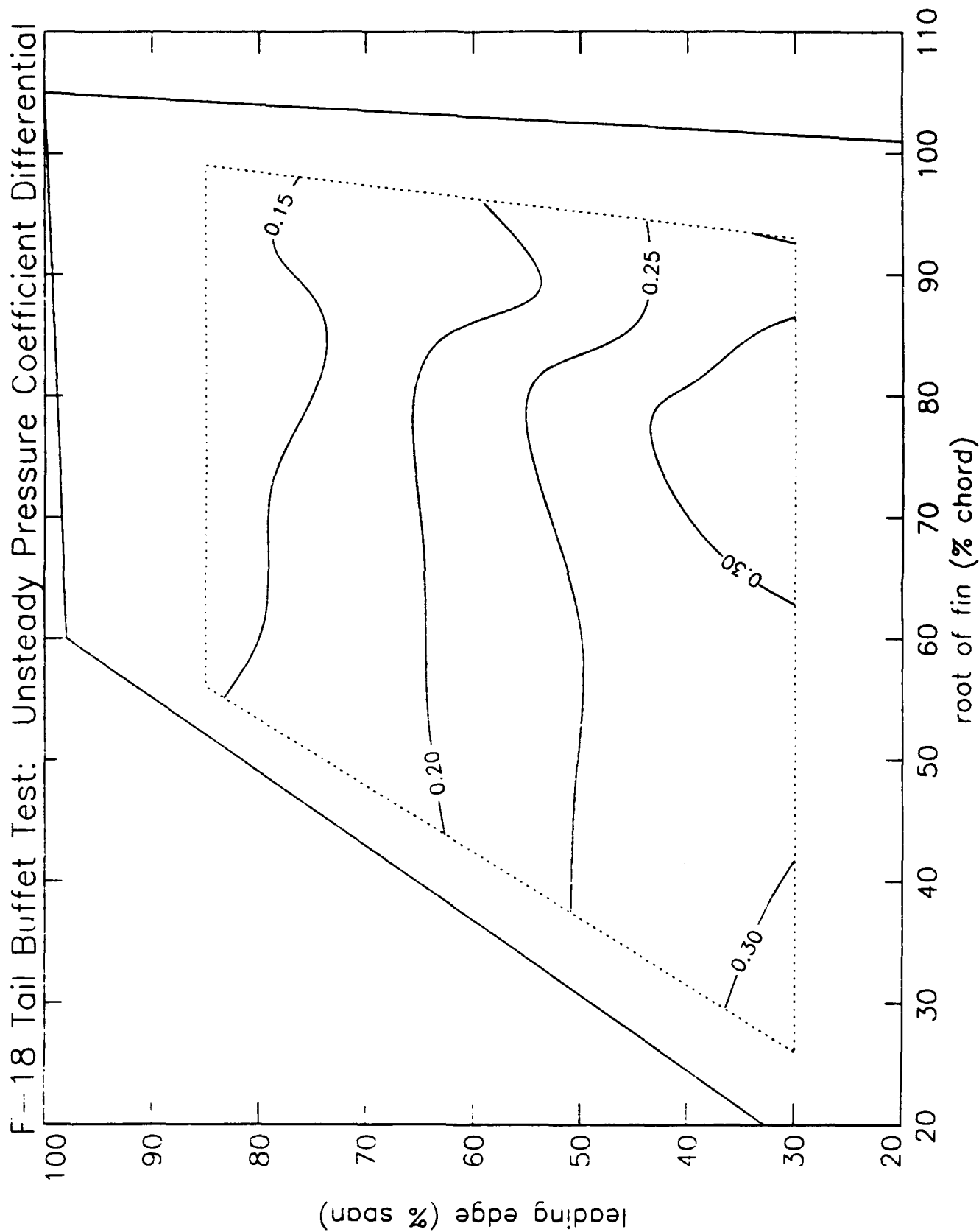
F-18 Tail Buffet Test: Unsteady Pressure Coefficient Differential



Record 122: Q=33 Alpha=35 Beta=+2 FENCE ON

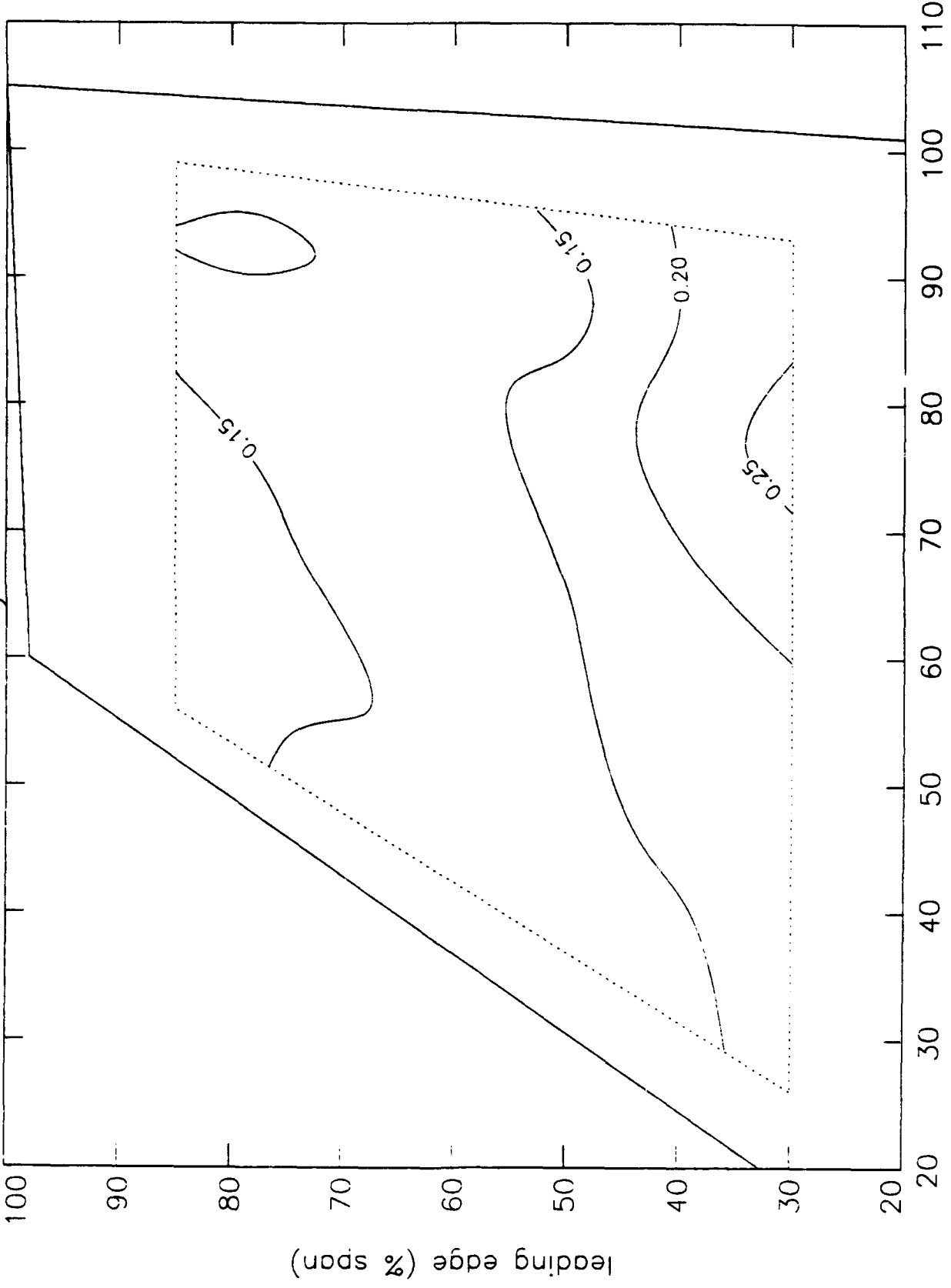


Record 120: $Q=33$ $\text{Alpha}=35$ $\text{Beta}=+4$ FENCE ON

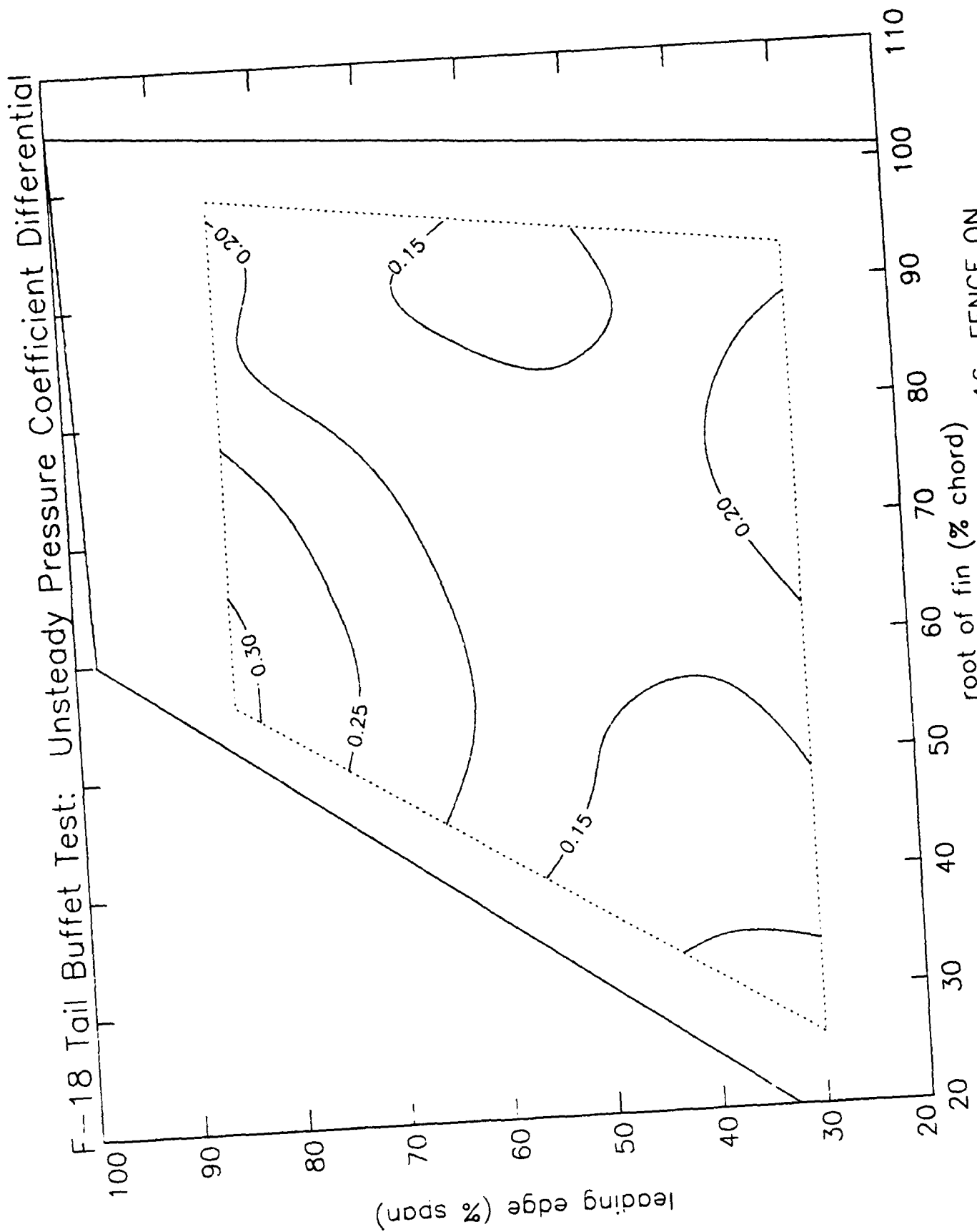


Record 118: $Q=33$ $\alpha=35^\circ$ $\beta=+6^\circ$ FENCE ON

F-18 Tail Buffet Test: Unsteady Pressure Coefficient Differential



Record 116: Q=33 Alpha=35 Beta=+10 FENCE ON



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