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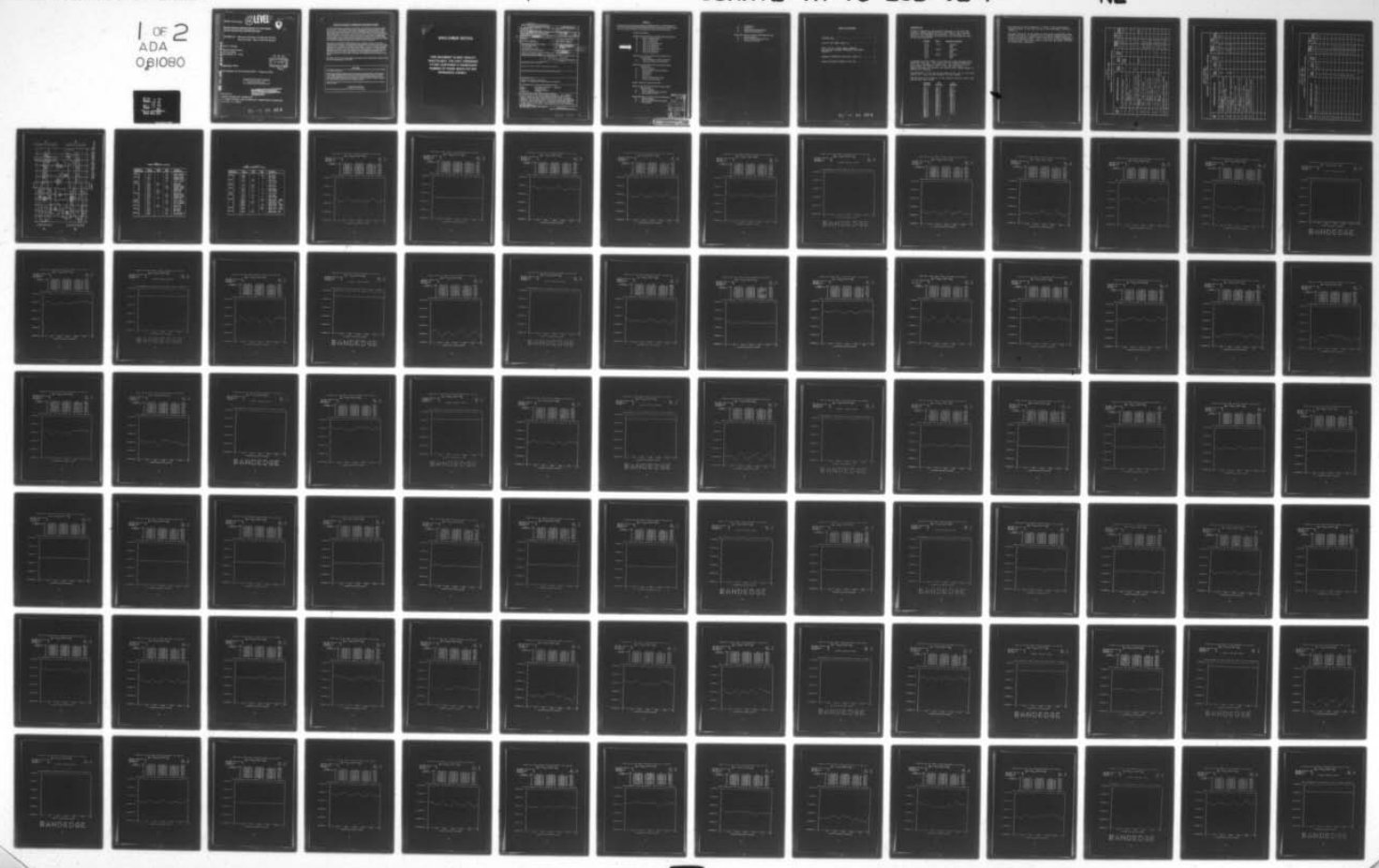

USARTL-TR-78-23B

(12) LEVEL III

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INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONFIGURATION

VOLUME II-F - Harmonic Analyses of Airframe Surface Pressure Data, Runs 15-22, Aft Section

Philip F. Sheridan

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September 1978

Final Report for Period March 1977 - February 1978

Approved for public release; distribution unlimited.

Prepared for

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

APPLIED TECHNOLOGY LABORATORY POSITION STATEMENT

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

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

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

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Volume II of an eight volume report.
Volume II is comprised of nine sub-volumes (A through I).

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Rotor	Aerodynamic Interaction	Empennage
Downwash	Flow Environment	
Flow	Vibratory Pressures	
Interaction	Tail Boom	

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This is the sixth of the nine sub-volumes of Volume II. These documents contain harmonic analyses of the waveforms generated by each of the 53 pressure transducers, which covered the surface of the model fuselage and empennage. This sub-volume covers the second eight of the twenty-seven runs devoted to surface pressure testing. The analyses encompass the transducers in the aft section of the model. Test conditions and/or configurations include effects of root cut-out, vortex generators and strakes, autorotation, and rotor height.

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PREFACE

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

Volume I, Final Report

Volume II, Harmonic Analyses of Airframe Surface Pressure Data

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

This volume is

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

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

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

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

Volume V, Harmonic Analyses of Hub Wake

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

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

Volume VII, Frequency Analyses of Wake Split-Film Data

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

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

Volume VIII, Frequency Analyses of Wake Single Film Data
A – Buildup to Baseline
B – Basic Configuration Wake Exploration
C – Hubcaps and Air Ejectors

TABLE OF CONTENTS

INTRODUCTION

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

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

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

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

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

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

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

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

TABLE 1

LIST OF TEST RUNS

MEASUREMENT OF VIBRATORY SURFACE PRESSURES

RUN NO.	CONFIGURATION/CONDITION	V_{TUN} KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT.	TAIL ROTOR
					α°	ψ°	h/d	
7	K_1/(a) Level flight baseline	60	1433/ 4500	8	2.2	-6.5	∞	On
"	" /(b) Max. gross weight level flt. baseline	"	"	10	3.3	"	"	"
8	" /(a) Repeat 7(a)	"	"	8	2.2	"	"	"
"	" /(b) Increase speed to maximum	160	"	"	-3.5	-2.0	"	"
9	K_2/Repeat high speed baseline with TR off	"	1433/0	"	"	"	"	Off
10	" /Max. climb at low speed	60	"	"	-26.5	-15	"	"
11	" /(a) Repeat 10; T.P. 2,3,4,5	"	"	"	-26.5	-15	"	"
"	" /(b) Repeat 7(a) with TR off, T.P. 6,7,8,9	"	"	"	2.2	-6.5	"	"
12	" /(a) Repeat 7(b) with TR off	"	"	10	3.3	-6.5	"	"
"	" /(b) Max. G.W. at max. speed with TR off	160	"	"	-2.0	-2.0	"	"
13	K_2+S_1/Check longitudinal strakes	"	"	8	-3.5	-2.0	"	"
14	K_2+S_2/Check lateral strakes	"	"	"	"	"	"	"

TABLE 1. CONTINUED

LIST OF TEST RUNS

MEASUREMENT OF VIBRATORY SURFACE PRESSURES

RUN NO.	CONFIGURATION/CONDITION	V_{TUN} KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT.	TAIL ROTOR
					$\alpha°$	$\psi°$	h/d	
15	K_3/Effect of 45° tapered blade root cutout	160	1433/0	8	-3.5	-2.0	∞	Off
16	K_2+VG_1/Effect of vortex generators on forward crown	"	"	"	"	"	"	"
17	K_2/Autorotation	60	"	"	21	0	"	"
18	K_2+S_3/Effect of lower longitudinal strakes	160	"	"	-3.5	-2.0	"	"
19	K_4/Rotor raised 2.5 inches	"	"	"	"	"	"	"
20	K_4+S_3/Lower strakes added to raised rotor	"	"	"	"	"	"	"
21	K_5/Rotor raised 5.0 inches	"	"	"	"	"	"	"
22	K_5+S_3/Lower strakes with rotor in highest position	"	"	"	"	"	"	"
23	K_2/Autorotation at maximum speed	"	"	"	"	"	"	"

TABLE 1. CONTINUED

LIST OF TEST RUNS

MEASUREMENT OF VIBRATORY SURFACE PRESSURES

RUN NO.	CONFIGURATION/CONDITION	V_{TUN} KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT.	TAIL ROTOR
					α°	ψ°	h/d	
24	K_2/Level flight speed sweep	20	1433/0	8	5.3	0	∞	Off
25	" " " " "	30	"	"	5.0	"	"	"
26	" " " " "	40	"	"	4.4	"	"	"
27	" " " " "	50	"	"	3.5	"	"	"
28	" " " " "	60	"	"	2.2	-6.5	"	"
29	" " " " "	80	"	"	0.2	-3.2	"	"
30	" " " " "	100	"	"	-0.6	-2.3	"	"
31	" " " " "	120	"	"	-1.6	-2.2	"	"
32	" " " " "	140	"	"	-2.7	-2.1	"	"
33	" " " " "	160	"	"	-3.5	-1.9	"	"

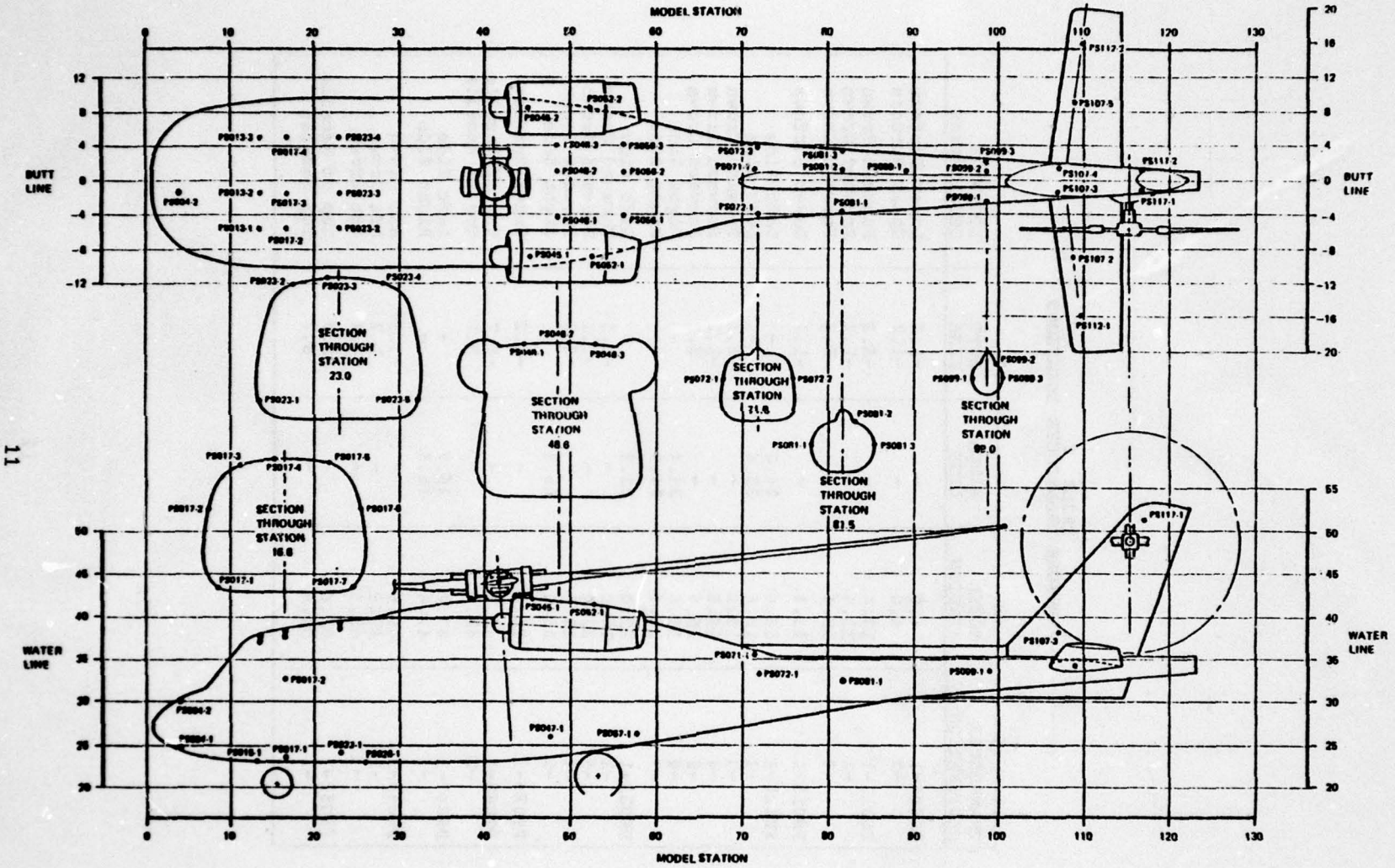

FIGURE 1 -1/4.85 SCALE MODEL GEOMETRY AND SURFACE PRESSURE TRANSDUCER LOCATIONS

TABLE 2
PRESSURE TRANSDUCER LOCATIONS

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

TABLE 2 (CONTINUED)
PRESSURE TRANSDUCER LOCATIONS

TRANSDUCER DESIGNATION	MODEL STATION	WATER LINE	BUTT LINE	LOCATION DESCRIPTION
PS056-1	56.2	-	-3.9	Aft Crown
-2	56.2	-	1.2	Aft Crown
-3	56.2	-	4.4	Aft Crown
PS057-1	57.4	27.0	-	Left Side
-2	57.4	27.0	-	Right Side
PS071-1	71.4	-	1.2	Top Surface
PS072-1	71.6	28.9	-	Left Side
-2	71.6	28.9	-	Right Side
PS081-1	81.5	28.9	-	Left Side
-2	81.5	-	1.2	Top Surface
-3	81.5	28.9	-	Right Side
PS089-1	89.4	-	1.2	Top Surface
PS099-1	99.0	28.9	-	Left Side
-2	99.0	-	1.2	Top Surface
-3	99.0	28.9	-	Right Side
PS107-1	109.5	-	-8.6	Lower Surf. - Stab.
-2	109.5	-	-8.6	Upper Surf. - Stab.
-3	109.5	38.7	-	Left Side - Fin
-4	109.5	38.7	-	Right Side - Fin
-5	109.5	-	8.6	Upper Surf. - Stab.
-6	109.5	-	8.6	Lower Surf. - Stab.
PS112-1	110.3	-	-15.9	Upper Surf. - Stab.
-2	110.3	-	15.9	Upper Surf. - Stab.
PS117-1	117.0	47.7	-	Left Side - Fin
-2	117.0	47.7	-	Right Side - Fin

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

*** PS081.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 12
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.29104E-01	1	0.74155E-02	-0.30954E-02	0.80356E-02	112.6
	2	-0.98728E-02	0.41112E-02	0.10694E-01	292.6
	3	0.73459E-02	0.29567E-02	0.79186E-02	68.0
	4	0.27848E-01	-0.18240E-01	0.33290E-01	123.2
	5	0.63809E-02	-0.20767E-02	0.67103E-02	108.0
	6	0.72202E-03	0.10942E-02	0.13110E-02	33.4
	7	0.20079E-02	-0.33361E-02	0.38938E-02	148.9
	8	0.14438E-01	-0.23182E-02	0.14623E-01	99.1
	9	0.37263E-02	-0.20972E-02	0.42760E-02	119.3
	10	-0.25409E-02	0.23119E-03	0.25514E-02	275.1

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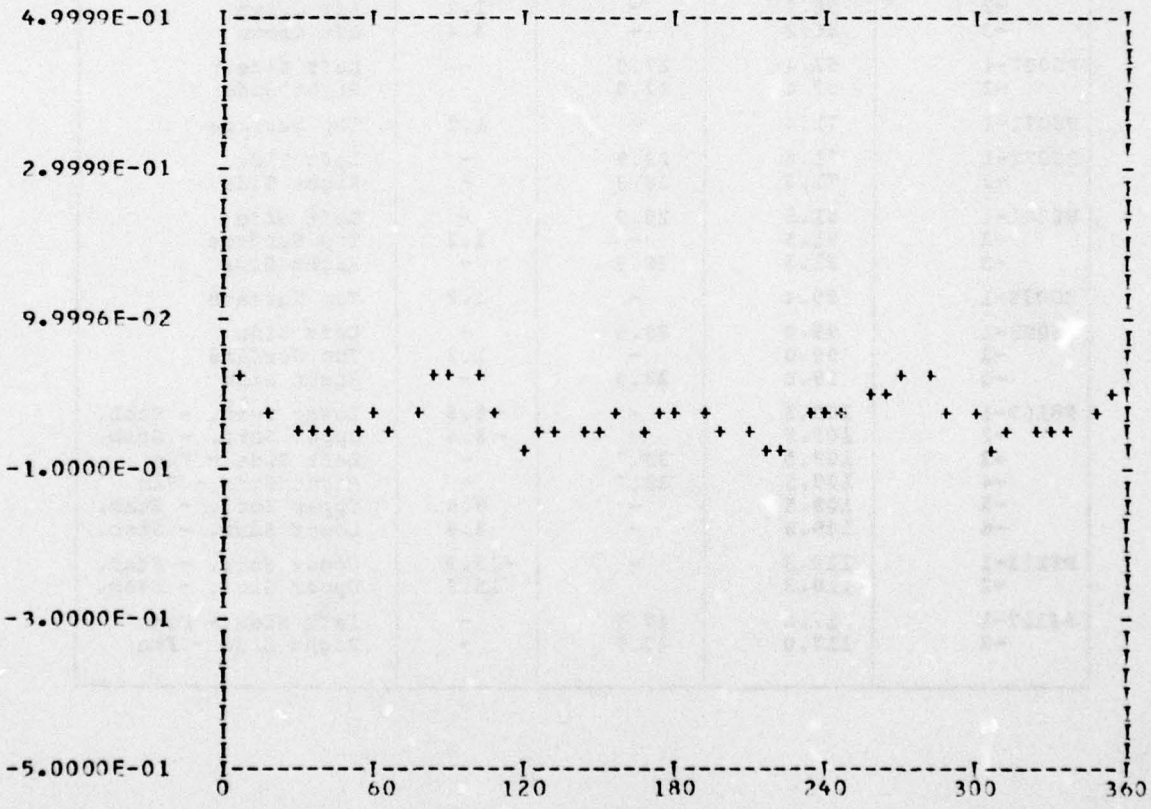

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS081.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 12
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13183E-02	1	0.77375E-05	0.47916E-04	0.48537E-04	9.1
	2	-0.12448E-04	-0.59614E-04	0.60900E-04	191.7
	3	0.34614E-04	0.35772E-04	0.49777E-04	44.0
	4	-0.36600E-05	-0.46404E-04	0.46548E-04	184.5
	5	0.21974E-04	-0.68580E-04	0.72014E-04	162.2
	6	0.87737E-05	0.13414E-04	0.16028E-04	33.1
	7	-0.20286E-04	0.18759E-05	0.20373E-04	275.2
	8	0.17915E-04	0.59783E-05	0.18886E-04	71.5
	9	-0.15516E-04	0.56943E-04	0.59019E-04	344.7
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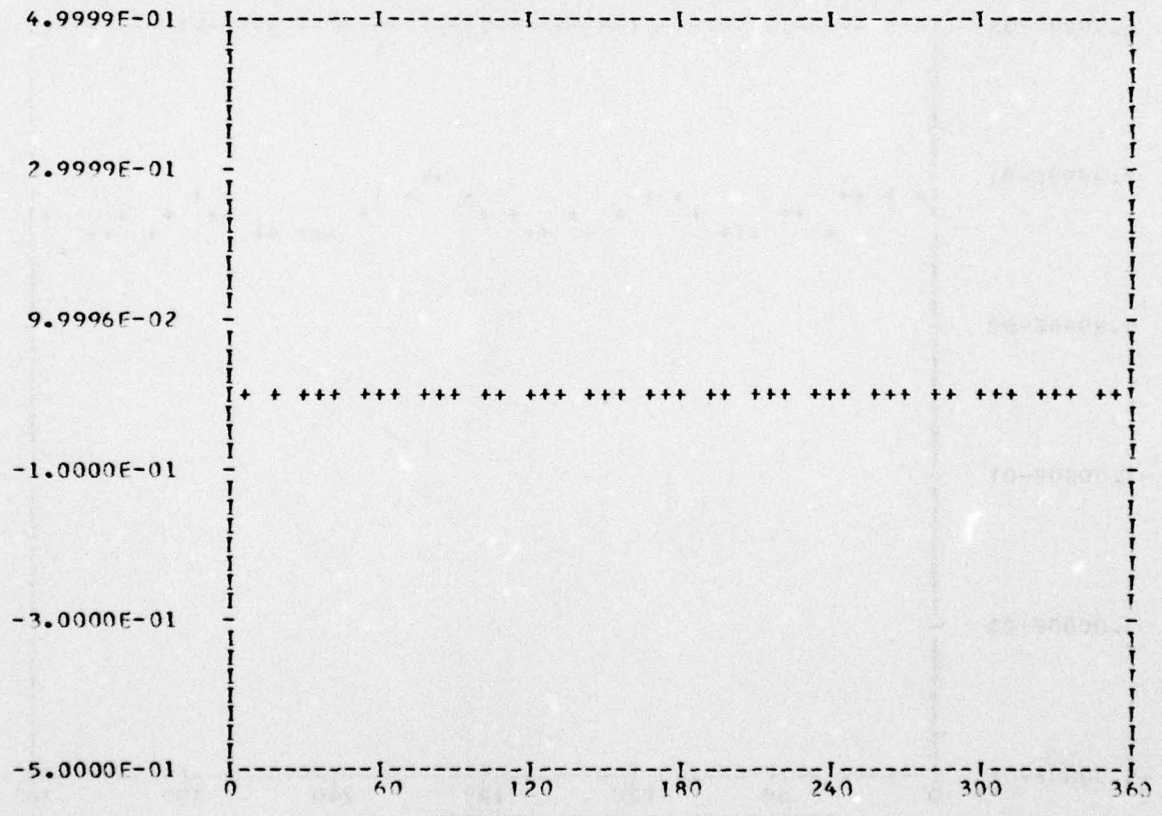

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS081.3 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 43
OUT OF RANGE 0
BANDEDGE 0

RUN 15
TP 12
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24866E 00	1	-0.52828E-02	0.64899E-02	0.83683E-02	320.8
	2	0.90819E-02	0.50692E-02	0.10400E-01	60.8
	3	-0.34866E-02	-0.38464E-02	0.51914E-02	222.1
	4	0.99123E-02	0.26393E-01	0.28193E-01	20.5
	5	-0.18759E-02	0.33489E-03	0.19056E-02	280.1
	6	0.50907E-02	-0.40191E-02	0.64861E-02	128.2
	7	0.29370E-02	0.67758E-03	0.30142E-02	77.0
	8	0.64306E-03	0.57651E-02	0.58009E-02	6.3
	9	-0.98204E-03	0.11283E-02	0.14958E-02	318.9
	10	0.96885E-03	-0.54566E-03	0.11119E-02	119.3

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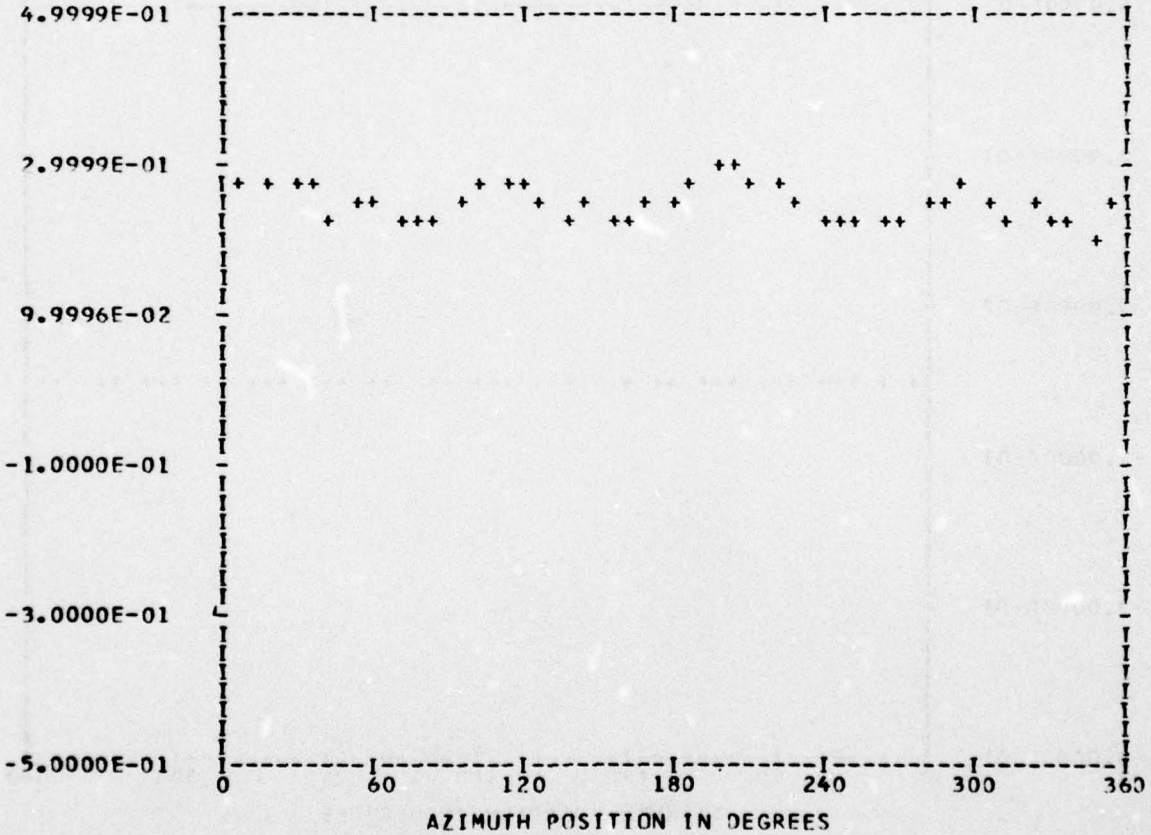

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS089.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 43
OUT OF RANGE 0
BANDEDGE 0

RUN 15
TP 12
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.70426E-01	1	-0.12862E-01	-0.31103E-02	0.13232E-01	256.4
	2	0.19761E-02	0.10421E-01	0.10607E-01	10.7
	3	0.91351E-04	0.22657E-02	0.22675E-02	2.3
	4	0.38918E-01	0.10830E-01	0.40397E-01	74.4
	5	0.85836E-02	-0.33839E-02	0.92265E-02	111.5
	6	0.13575E-03	-0.19110E-02	0.19159E-02	175.9
	7	-0.15830E-03	-0.54584E-02	0.54607E-02	181.6
	8	0.11455E-01	0.11772E-01	0.16426E-01	44.2
	9	0.92729E-03	0.17492E-02	0.19798E-02	27.9
	10	0.13155E-02	0.16112E-02	0.20800E-02	39.2

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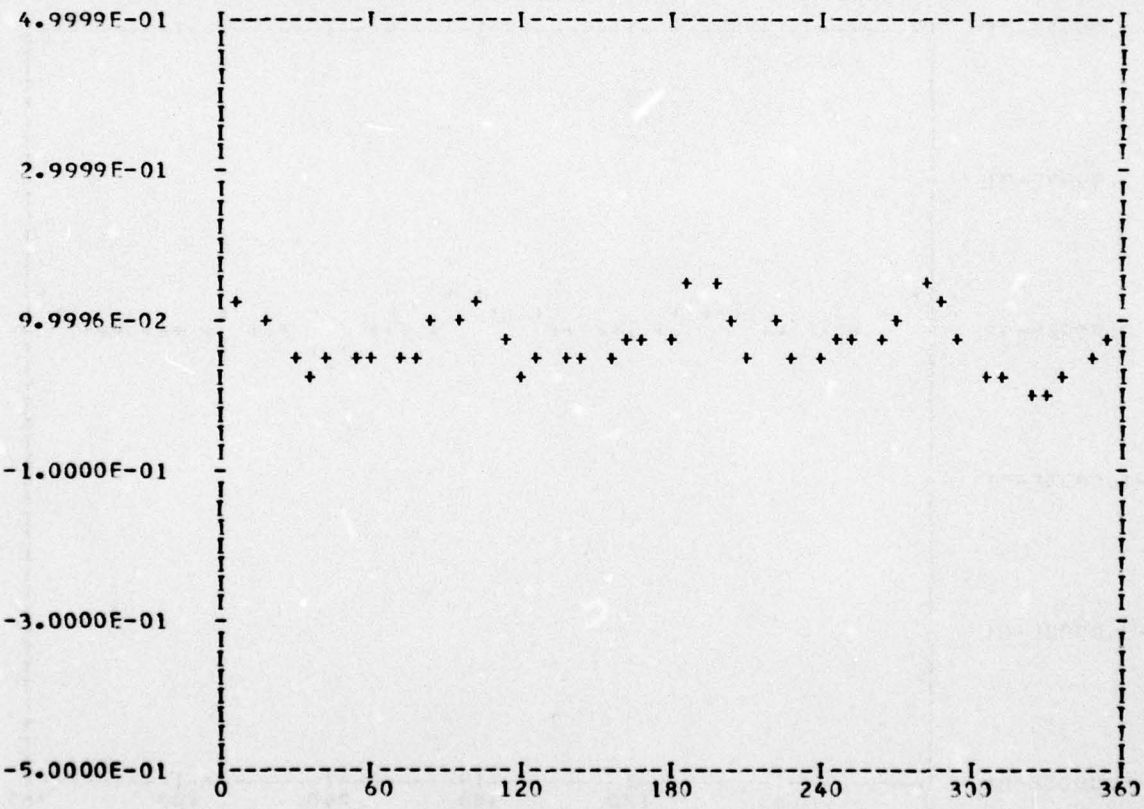


UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

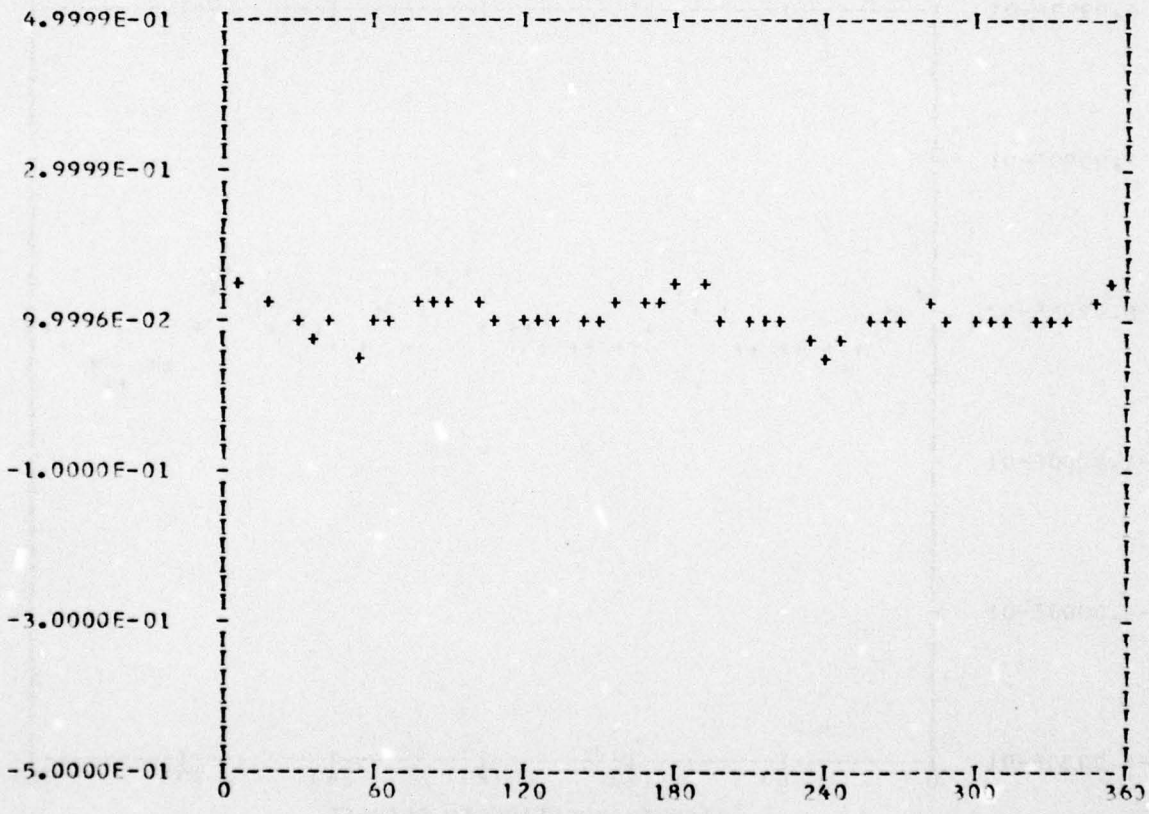
*** PS099.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 12
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.10577E 00	1	0.27716E-03	0.74497E-02	0.74549E-02	2.1
	2	0.12252E-01	-0.93434E-02	0.15408E-01	127.3
	3	-0.90930E-03	-0.26835E-02	0.28333E-02	198.7
	4	0.21698E-01	-0.75139E-02	0.22962E-01	109.1
	5	0.55483E-02	-0.10784E-02	0.56521E-02	100.9
	6	0.83963E-03	-0.55515E-03	0.10065E-02	123.4
	7	0.37906E-02	0.18887E-02	0.42351E-02	63.5
	8	0.19638E-02	-0.42470E-02	0.46791E-02	155.1
	9	-0.17067E-02	0.24977E-03	0.17249E-02	278.3
	10	0.27295E-02	-0.41227E-02	0.49444E-02	146.4

MAX= 0.15948E 00 MIN= 0.44510E-01 PEAK TO PEAK/2= 0.57487E-01



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

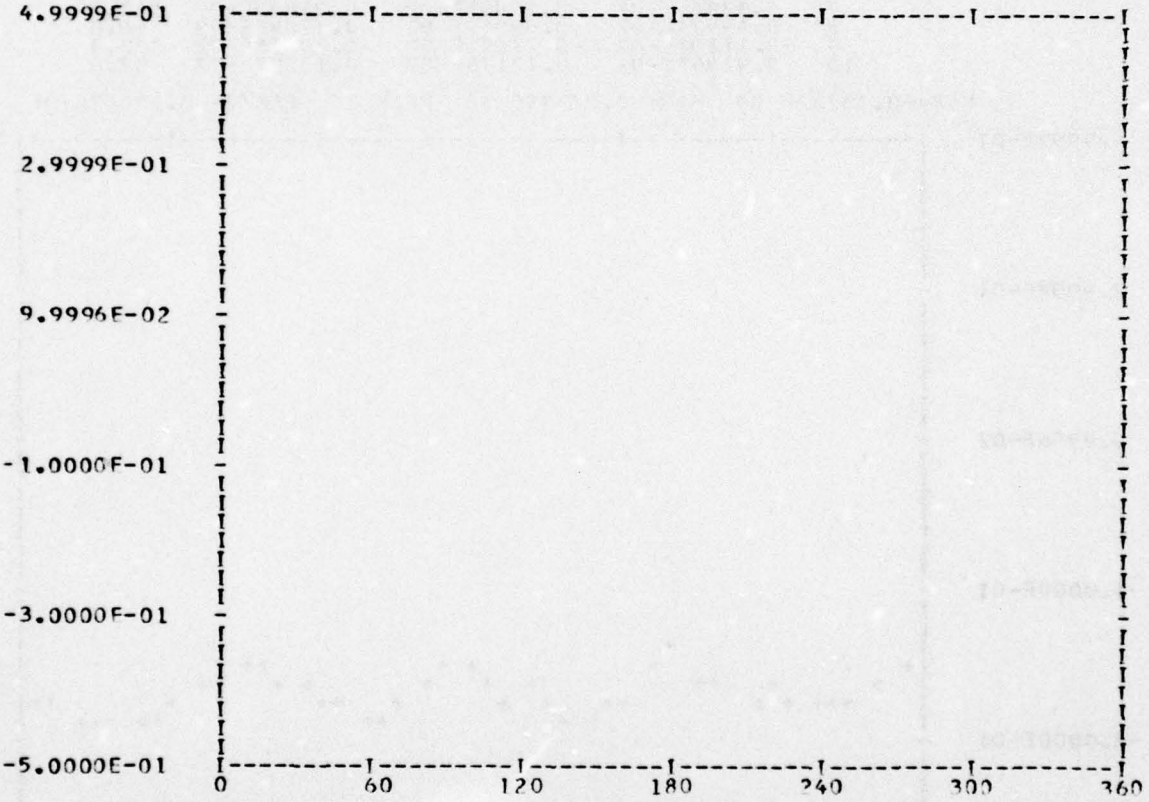
*** PS099.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 43
OUT OF RANGE 43
BANDEDGE 42

RUN 15
TP 12
CHAN 46

HARMONIC ANALYSIS SKIPPED

MAX=-0.51220E 00 MIN=-0.56023E 00 PEAK TO PEAK/2= 0.24015E-01



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

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

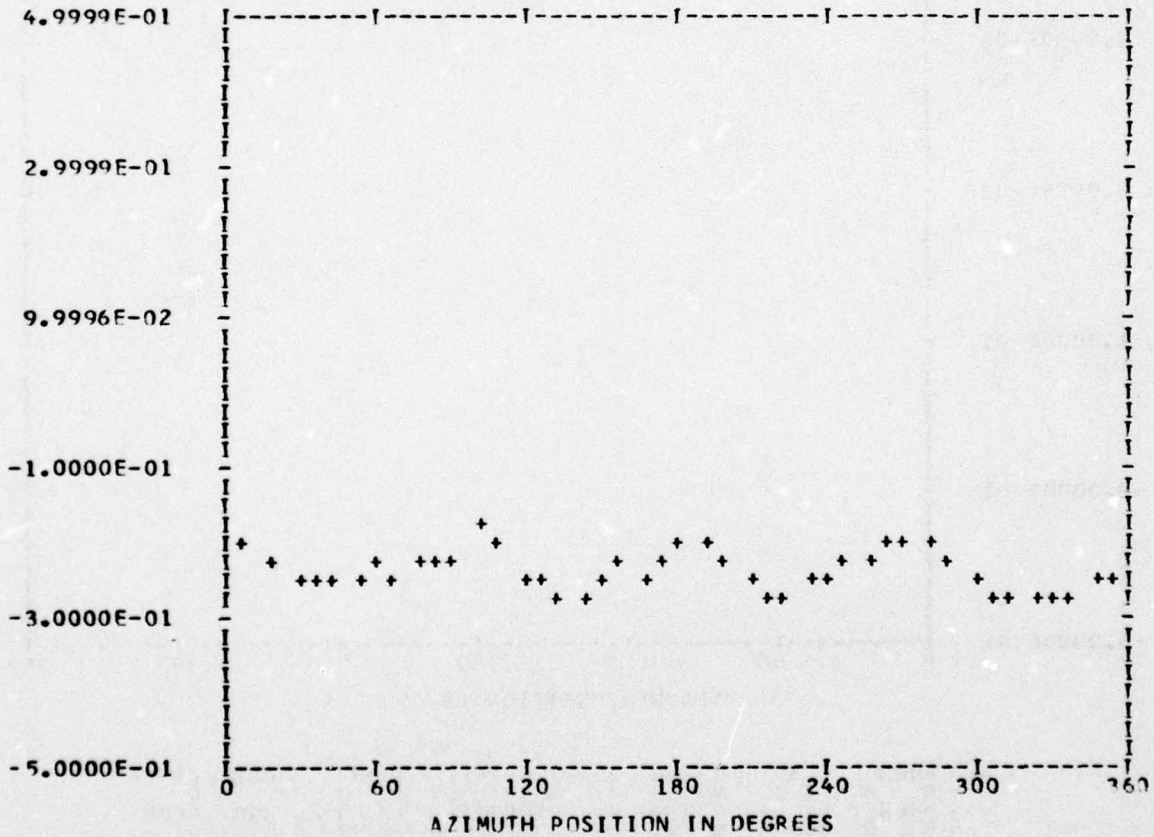
*** PS099.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 12
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23697E 00	1	-0.22262E-02	0.31215E-02	0.38340E-02	324.5
	2	-0.77852E-02	0.58233E-02	0.97222E-02	306.7
	3	-0.15047E-02	0.65757E-02	0.67457E-02	347.1
	4	0.28369E-01	-0.44710E-02	0.28719E-01	98.9
	5	-0.88869E-03	0.56773E-03	0.10545E-02	302.5
	6	-0.55663E-03	-0.14485E-02	0.15518E-02	201.0
	7	0.3386 E-02	-0.14066E-02	0.36670E-02	112.5
	8	0.49571E-02	0.59049E-02	0.77098E-02	40.0
	9	-0.11202E-02	-0.27691E-02	0.29871E-02	202.0
	10	0.91945E-03	0.12175E-02	0.15257E-02	37.0

MAX=-0.18732E 00 MIN=-0.27339E 00 PEAK TO PEAK/2= 0.43037E-01



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

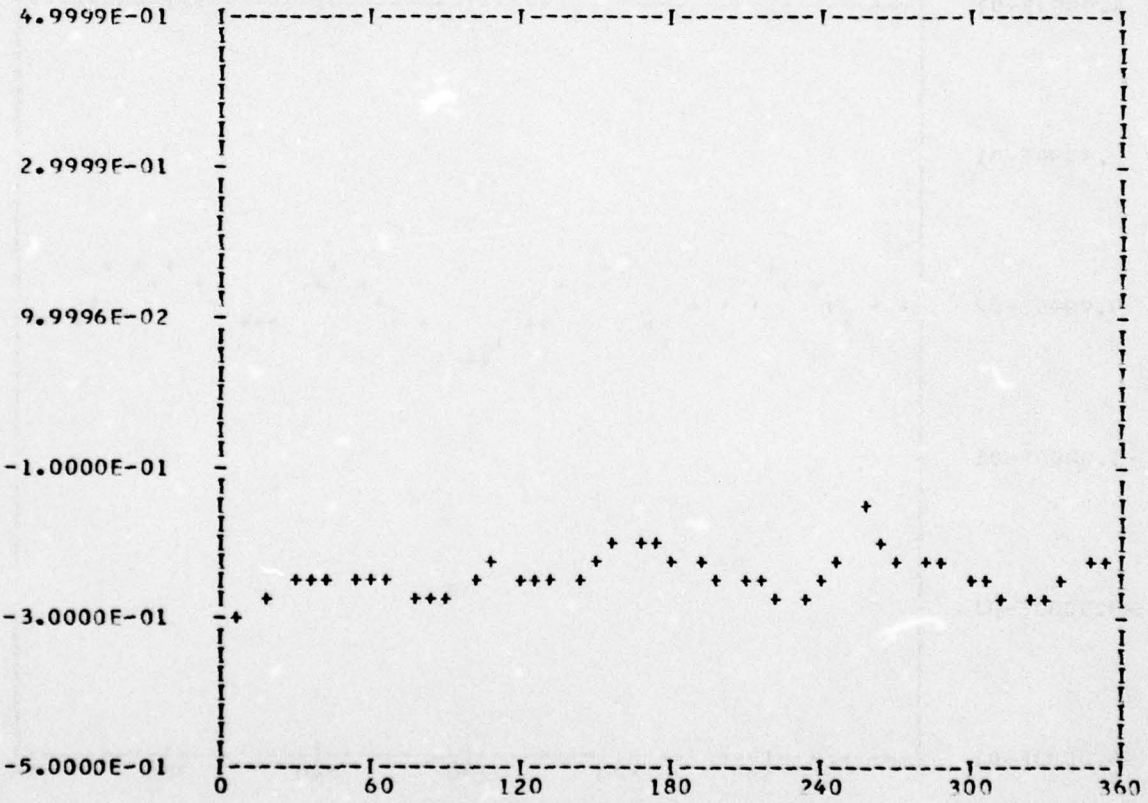
*** PS107.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 12
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.24309E 00	1	-0.12990E-01	-0.71747E-02	0.14839E-01	241.0
	2	-0.53907E-02	-0.48493E-02	0.72509E-02	228.0
	3	0.13789E-02	0.16721E-01	0.16777E-01	4.7
	4	0.87233E-02	-0.15157E-01	0.17488E-01	150.0
	5	-0.11803E-01	-0.11200E-02	0.11856E-01	264.5
	6	-0.42510E-02	-0.52093E-02	0.67229E-02	219.2
	7	0.60606E-02	-0.10478E-01	0.12104E-01	149.9
	8	-0.83436E-02	-0.12352E-02	0.84346E-02	261.5
	9	-0.30107E-02	0.15946E-02	0.34069E-02	297.9
	10	0.13440E-02	-0.56627E-02	0.58201E-02	166.6

MAX=-0.15704E 00 MIN=-0.29562E 00 PEAK TO PEAK/2= 0.69289E-01



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

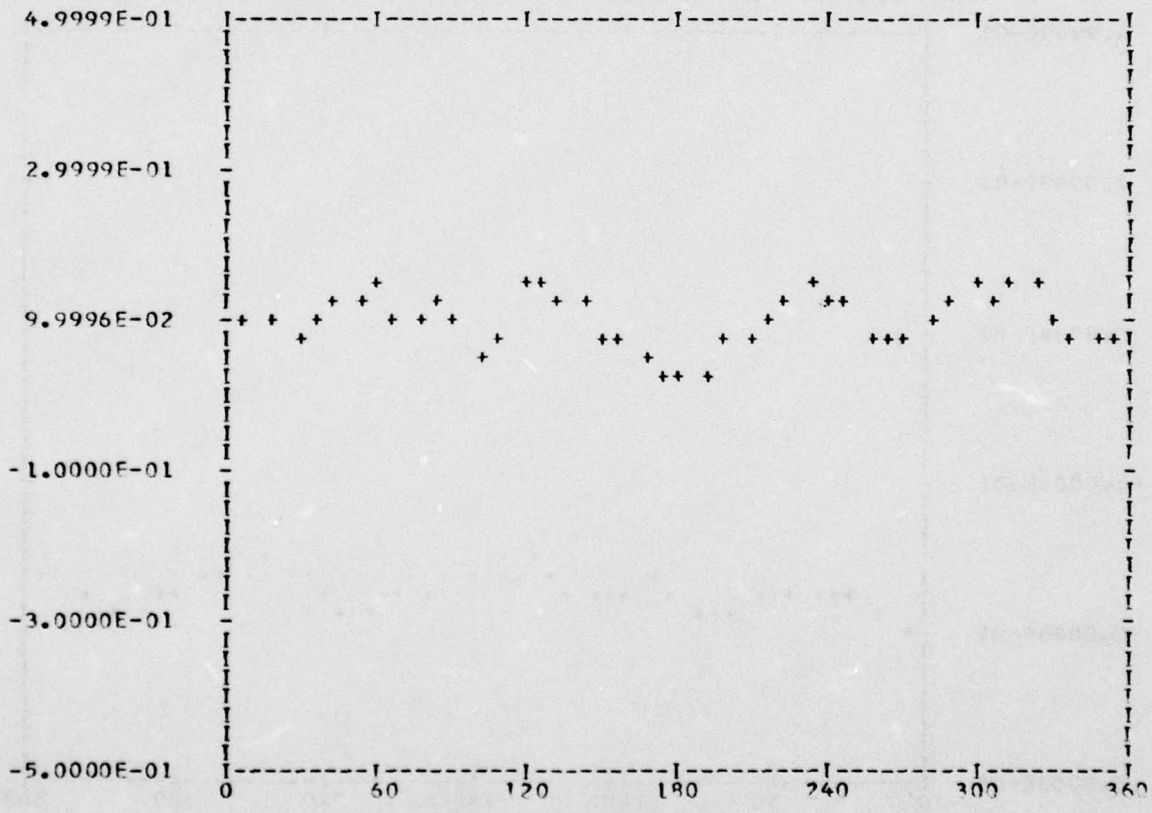
*** PS107.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 12
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.99225E-01	1	0.13724E-01	-0.32262E-02	0.14098E-01	103.2
	2	-0.16152E-01	0.43846E-02	0.16737E-01	285.1
	3	0.15126E-02	-0.71704E-02	0.73282E-02	168.0
	4	-0.24386E-01	0.23069E-01	0.33568E-01	313.4
	5	0.81688E-02	-0.42728E-02	0.92188E-02	117.6
	6	0.88600E-02	-0.42580E-02	0.98301E-02	115.6
	7	0.37911E-02	0.13076E-02	0.40103E-02	70.9
	8	0.44757E-02	-0.21558E-02	0.49678E-02	115.7
	9	0.89184E-02	-0.88519E-02	0.12565E-01	134.7
	10	0.50119E-02	0.18800E-02	0.53530E-02	69.4

MAX= 0.16082E 00 MIN= 0.17899E-01 PEAK TO PEAK/2= 0.71463E-01



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

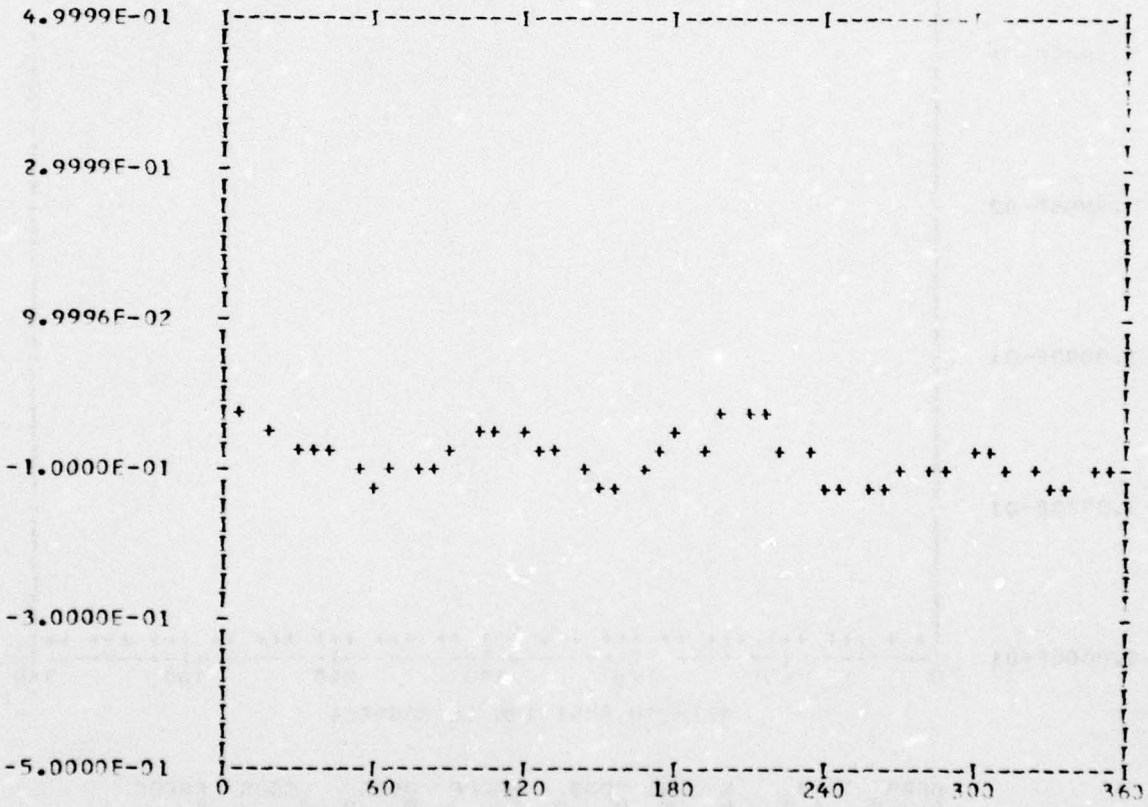
*** PS107.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 12
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.84346E-01	1	-0.58633E-02	0.74834E-02	0.95068E-02	321.9
	2	0.13718E-01	0.46445E-02	0.14483E-01	71.2
	3	-0.29651E-02	-0.11504E-01	0.11880E-01	194.4
	4	0.21114E-01	0.23483E-01	0.31579E-01	41.9
	5	0.29105E-02	0.17361E-02	0.33890E-02	59.1
	6	0.49170E-02	-0.99331E-03	0.50163E-02	101.4
	7	0.55548E-02	0.68047E-03	0.55963E-02	83.0
	8	-0.25487E-02	-0.35959E-03	0.25739E-02	261.9
	9	0.39868E-02	0.10915E-02	0.41336E-02	74.6
	10	-0.17159E-02	-0.15905E-02	0.23397E-02	227.1

MAX=-0.20377E-01 MIN=-0.13083E 00 PEAK TO PEAK/2= 0.55227E-01



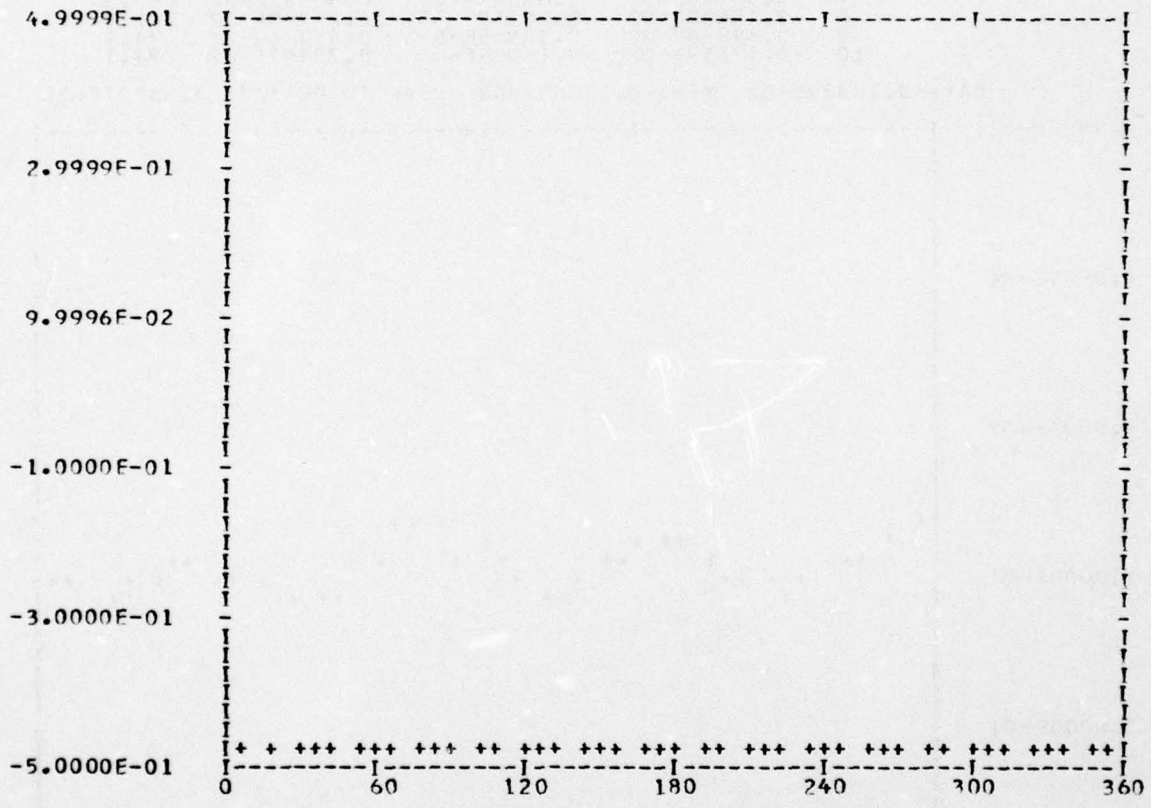
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS107.4 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	15
ENTERED	44	IP	12
OUT OF RANGE	0	CHAN	52
BANDEDGE	44		

HARMONIC ANALYSIS SKIPPED

MAX=-0.41732E 00 MIN=-0.47602E 00 PEAK TO PEAK/2= 0.29350E-01

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

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

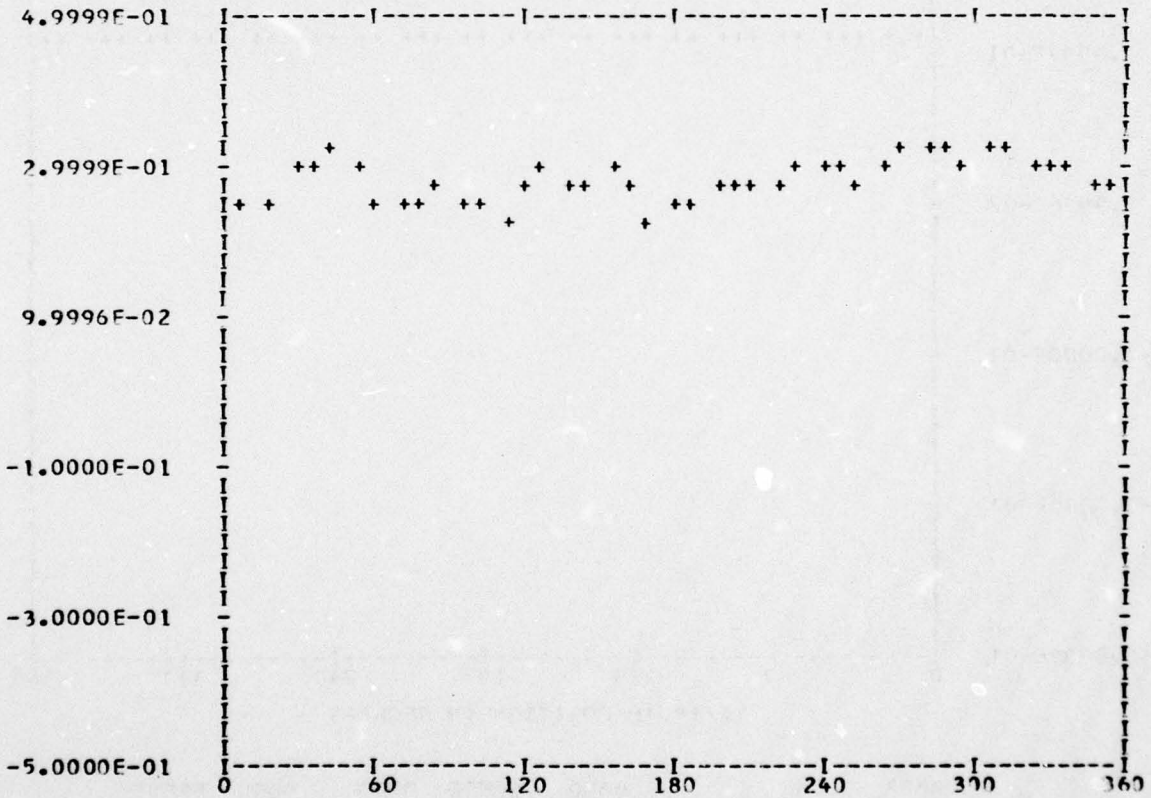
*** PS107.5 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 43
OUT OF RANGE 0
BANDEDGE 0

RUN 15
TP 12
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.28216E 00	1	0.10203E-01	-0.22131E-01	0.24370E-01	155.2
	2	-0.74312E-02	-0.41316E-02	0.85025E-02	240.9
	3	-0.17682E-02	0.11781E-01	0.11913E-01	351.4
	4	-0.10953E-01	0.49044E-02	0.12001E-01	294.1
	5	-0.13734E-02	-0.45633E-02	0.47656E-02	196.7
	6	-0.83344E-02	-0.93759E-03	0.83870E-02	263.5
	7	-0.49050E-02	-0.59674E-02	0.77246E-02	219.4
	8	0.40378E-02	-0.13938E-03	0.40402E-02	91.9
	9	0.63035E-02	-0.58804E-02	0.86205E-02	133.0
	10	-0.38442E-02	0.42718E-02	0.57469E-02	318.0

MAX= 0.33341E 00 MIN= 0.23142E 00 PEAK TO PEAK/2= 0.50999E-01



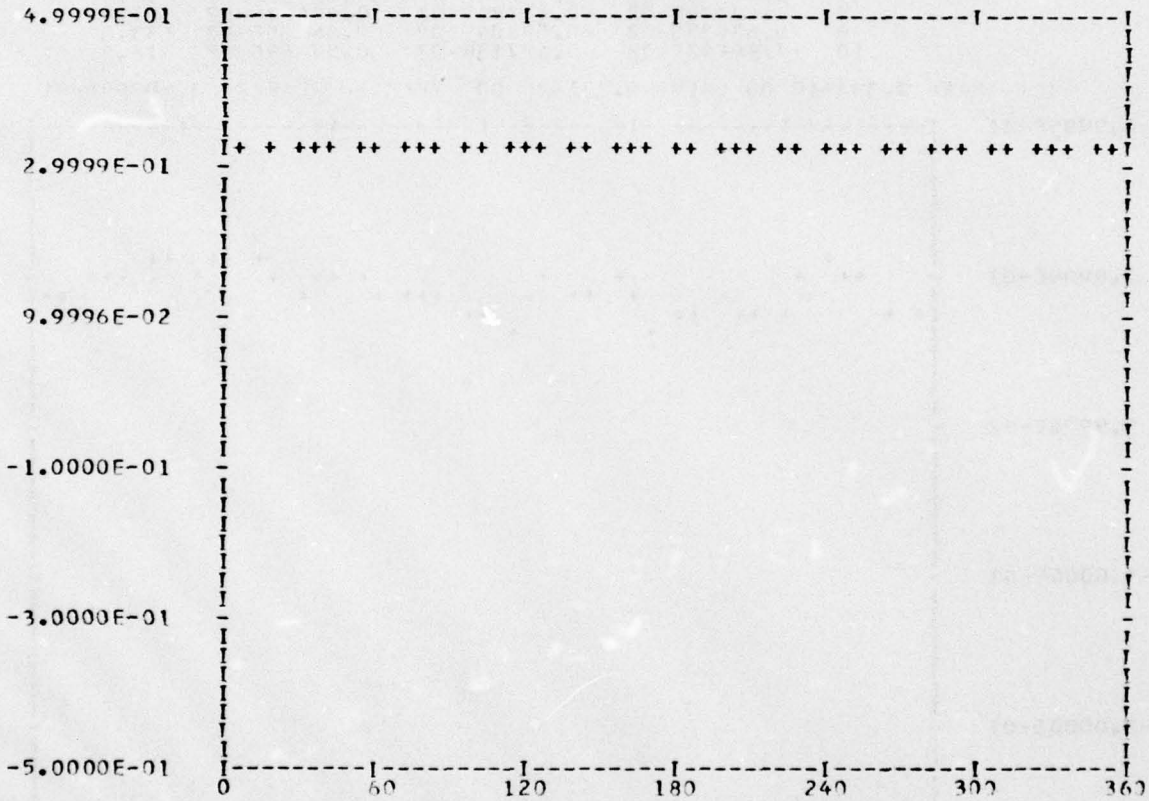
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS107.6 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	15
ENTERED	43	TP	12
OUT OF RANGE	0	CHAN	50
BANDEDGE	43		

HARMONIC ANALYSIS SKIPPED

MAX= 0.32760E 00 MIN= 0.32760E 00 PEAK TO PEAK/2= 0.00000E 00



AZIMUTH POSITION IN DEGREES

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

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

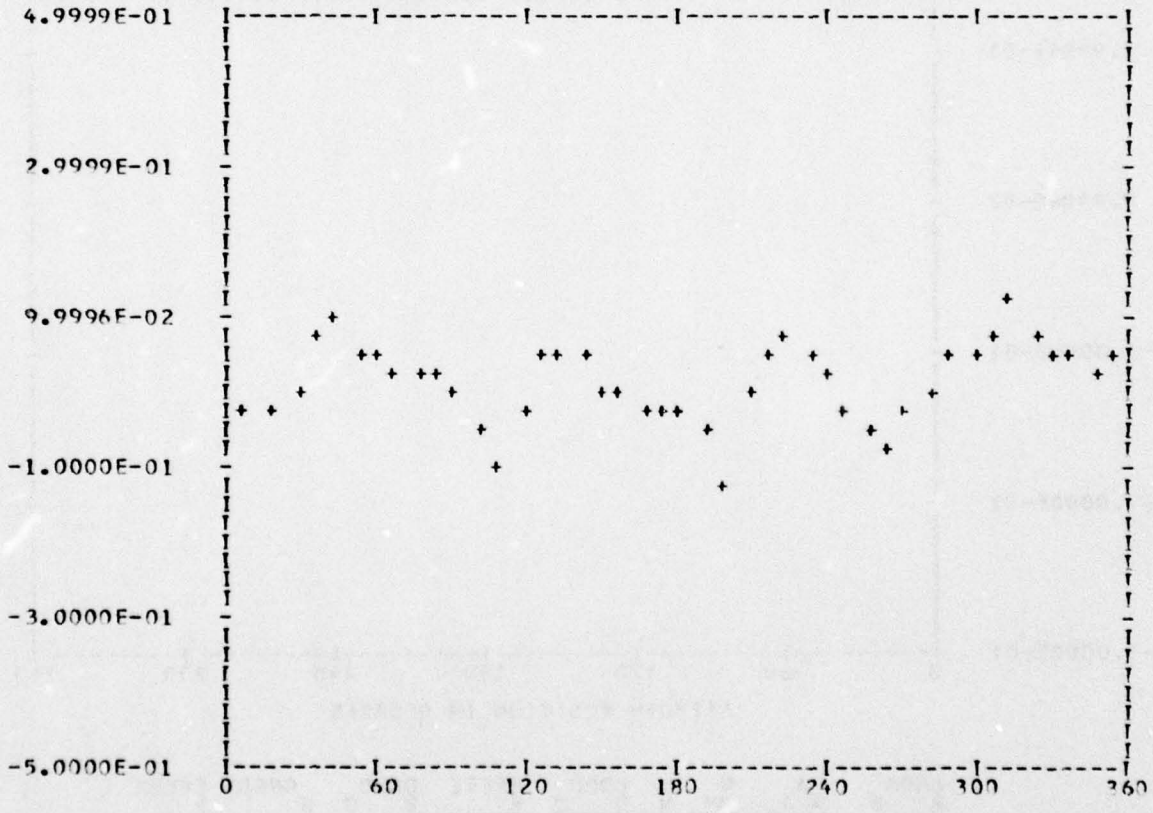
*** PS112.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 12
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.13800E-01	1	0.28995E-01	-0.92469E-02	0.30434E-01	107.6
	2	-0.22059E-02	-0.93700E-02	0.96262E-02	193.2
	3	-0.15475E-01	0.17543E-02	0.15575E-01	276.4
	4	-0.43380E-01	0.20544E-01	0.47999E-01	295.3
	5	0.16741E-01	-0.89762E-02	0.18996E-01	118.1
	6	-0.45575E-02	-0.81645E-02	0.93504E-02	209.1
	7	-0.10441E-01	0.75136E-02	0.12863E-01	305.7
	8	-0.73856E-02	-0.22761E-01	0.23929E-01	197.9
	9	0.50426E-02	-0.22093E-02	0.55054E-02	113.6
	10	-0.10137E-02	-0.50081E-02	0.51097E-02	191.4

MAX= 0.12697E 00 MIN=-0.12049E 00 PEAK TO PEAK/2= 0.12373E 00



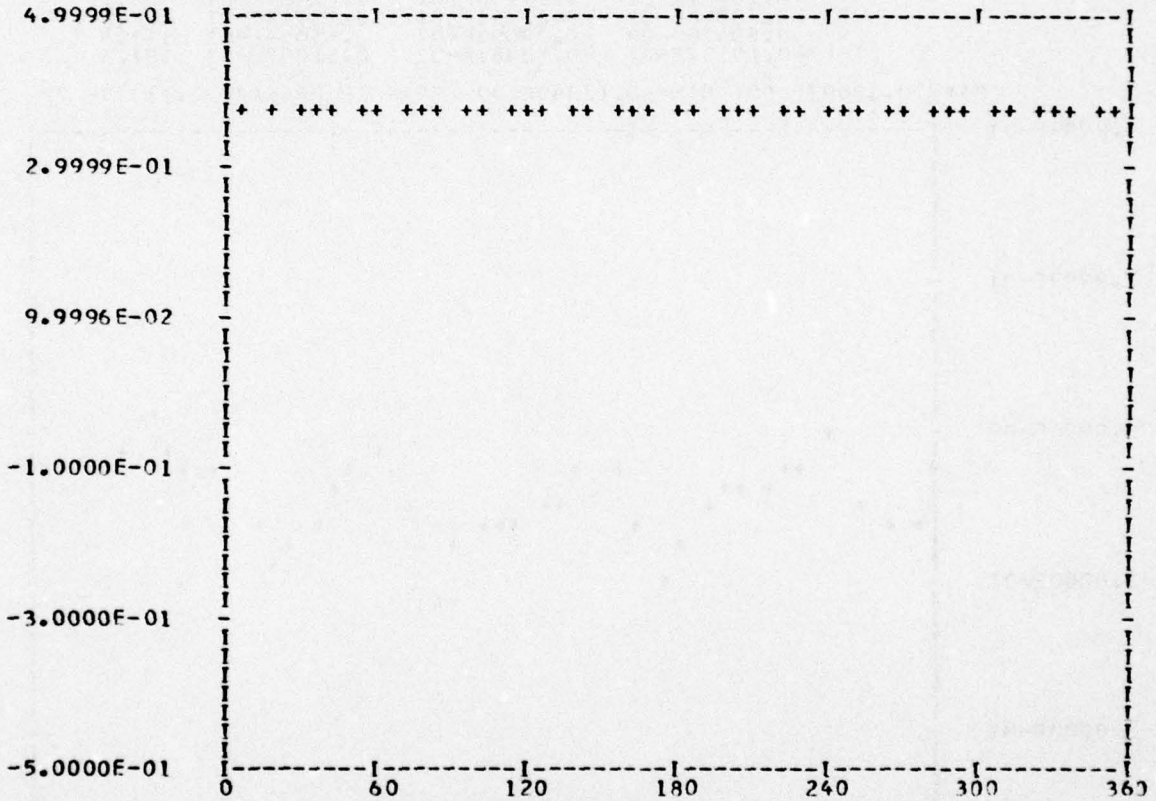
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS112.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	15
ENTERED	43	TP	12
OUT OF RANGE	0	CHAN	48
BANDEDGE	43		

HARMONIC ANALYSIS SKIPPED

MAX= 0.38231E 00 MIN= 0.38231E 00 PEAK TO PEAK/2= 0.00000E 00



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

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

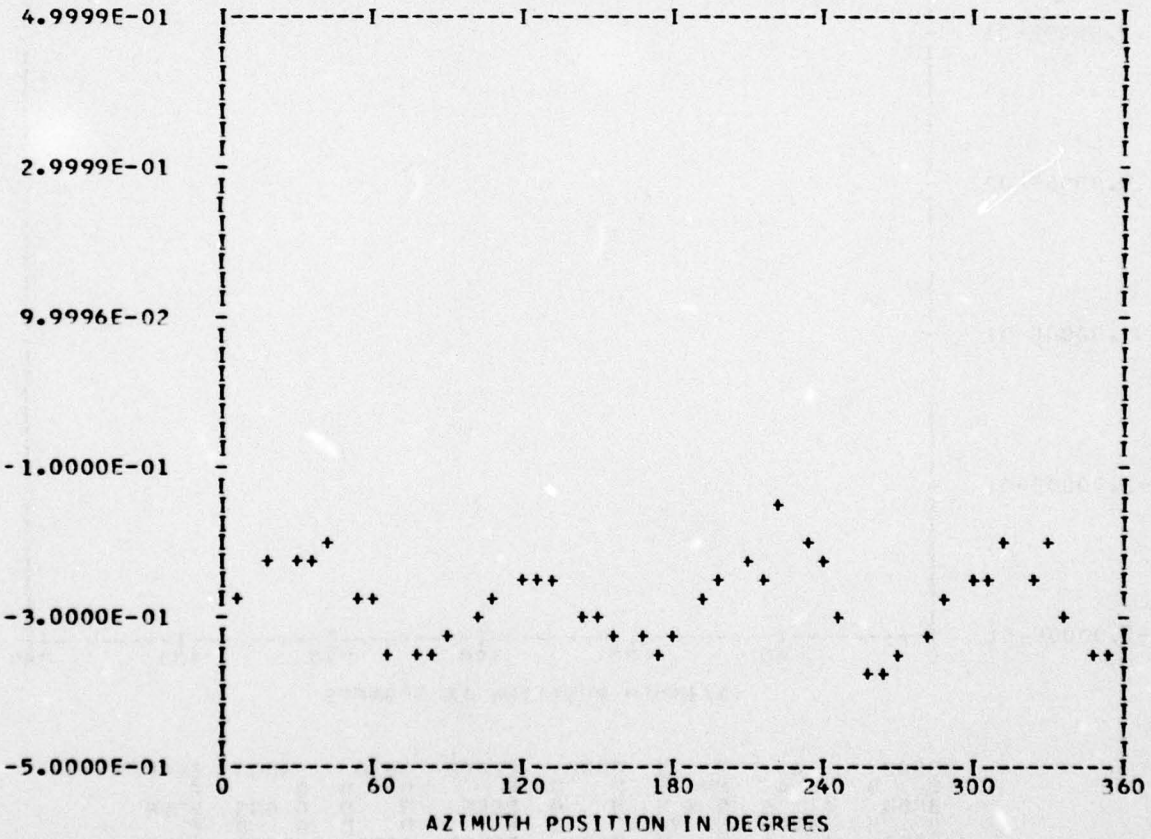
*** PS117.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 12
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28133E 00	1	0.29254E-02	-0.10170E-01	0.10582E-01	163.9
	2	0.12647E-01	0.94665E-02	0.15797E-01	53.1
	3	-0.14246E-02	-0.13295E-01	0.13371E-01	186.1
	4	-0.31081E-01	0.55700E-01	0.63785E-01	330.8
	5	0.11773E-02	0.14643E-01	0.14690E-01	4.5
	6	-0.14873E-02	-0.33411E-02	0.36572E-02	203.9
	7	-0.22345E-02	0.72254E-02	0.75630E-02	342.8
	8	0.12095E-01	0.33295E-02	0.12545E-01	74.6
	9	0.49993E-02	-0.33891E-02	0.60398E-02	124.1
	10	0.34344E-02	0.66249E-02	0.74623E-02	27.4

MAX=-0.15562E 00 MIN=-0.36663E 00 PEAK TO PEAK/2= 0.10550E 00



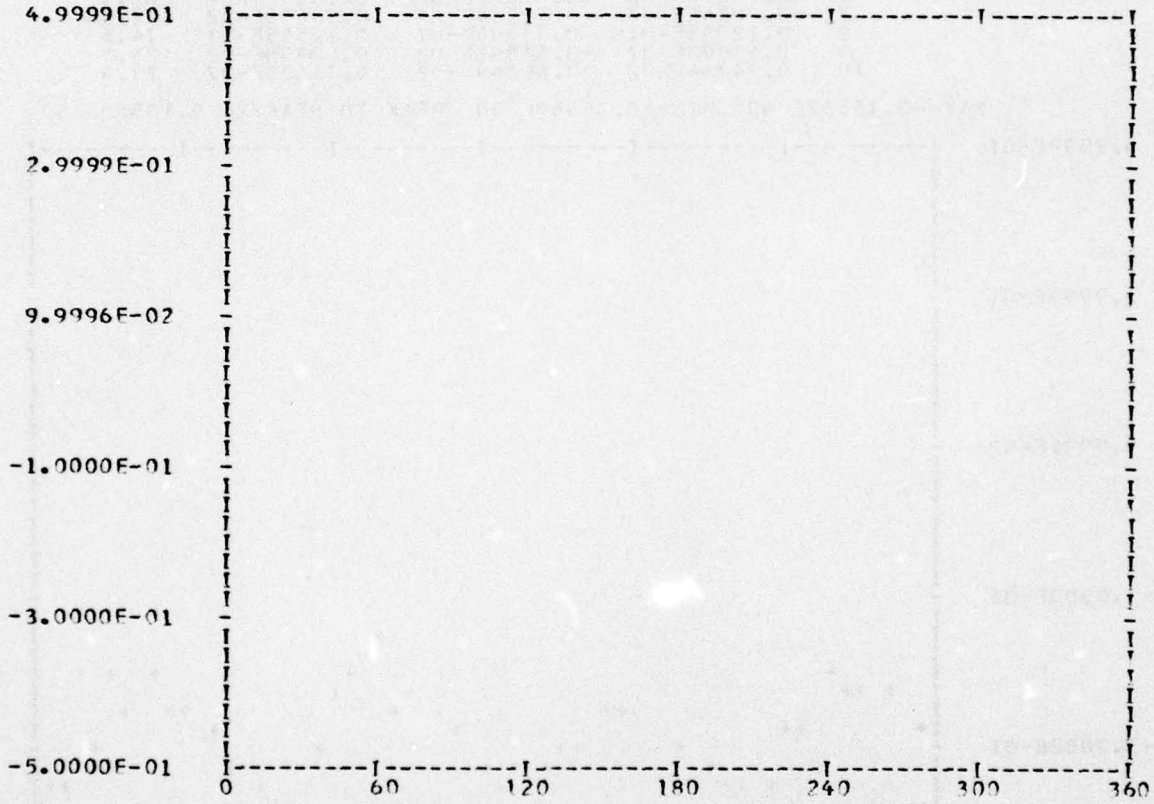
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS117.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		PUN	15
ENTERED	44	TP	12
OUT OF RANGE	44	CHAN	53
BANDEDGE	36		

HARMONIC ANALYSIS SKIPPED

MAX=-0.54979E 00 MIN=-0.98258E 00 PEAK TO PEAK/2= 0.21639E 00



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

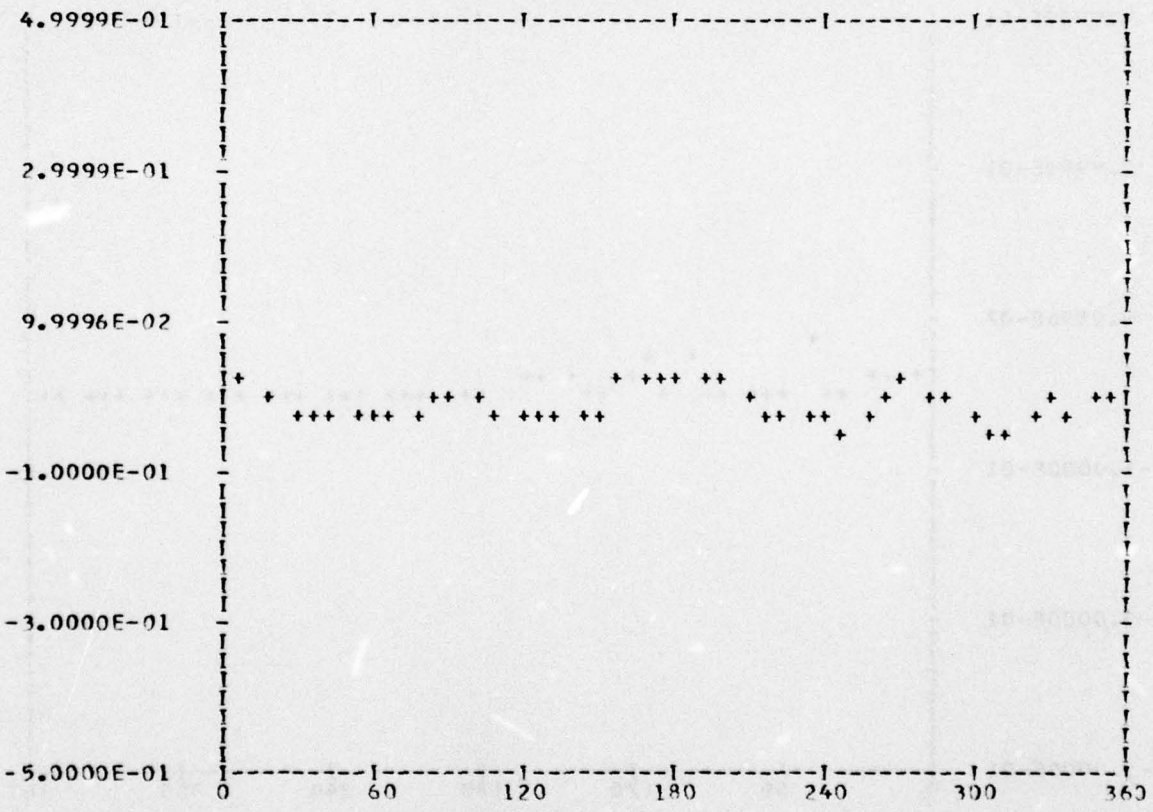
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS081.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			
ENTERED	44	RUN	16
OUT OF RANGE	0	TP	3
BANDEDGE	0	CHAN	54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10271E-01	1	-0.57928E-02	0.13187E-02	0.59410E-02	282.8
	2	0.12758E-01	-0.18013E-02	0.12885E-01	98.0
	3	-0.13561E-02	0.20128E-02	0.24270E-02	326.0
	4	0.23997E-01	-0.81871E-02	0.25355E-01	108.8
	5	0.21174E-02	-0.23221E-02	0.31425E-02	137.6
	6	-0.41576E-02	-0.20005E-02	0.46139E-02	244.3
	7	0.24662E-02	0.18280E-02	0.30698E-02	53.4
	8	0.96708E-02	-0.17338E-02	0.98250E-02	100.1
	9	0.69539E-02	-0.14550E-02	0.71045E-02	101.8
	10	0.24542E-03	0.30883E-02	0.30981E-02	4.5

MAX= 0.36108E-01 MIN=-0.54101E-01 PEAK TO PEAK/2= 0.45104E-01



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

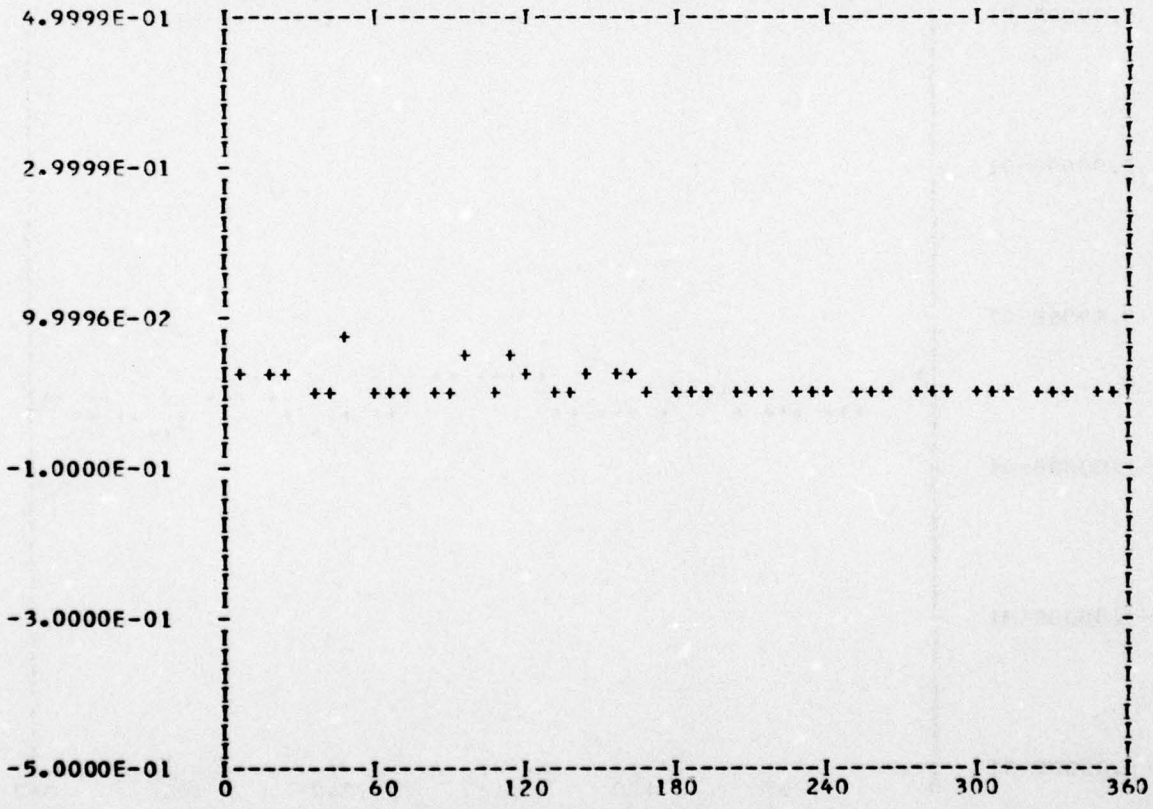
*** PS081.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.68405E-02	1	0.18723E-02	0.97451E-02	0.99233E-02	10.8
	2	0.70384E-03	-0.66225E-03	0.96642E-03	133.2
	3	0.51475E-02	0.24082E-02	0.56830E-02	64.9
	4	0.13787E-02	0.46500E-02	0.48501E-02	16.5
	5	-0.75328E-03	0.26906E-02	0.27941E-02	344.3
	6	-0.20449E-02	-0.14484E-02	0.25[illegible]E-02	234.6
	7	0.55233E-02	-0.23287E-02	0.59941E-02	112.8
	8	0.30224E-02	0.37120E-02	0.47869E-02	39.1
	9	0.27447E-02	0.12929E-02	0.30340E-02	64.7
	10	0.28869E-02	0.47492E-02	0.55578E-02	31.2

MAX= 0.63897E-01 MIN=-0.19265E-02 PEAK TO PEAK/2= 0.32912E-01



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

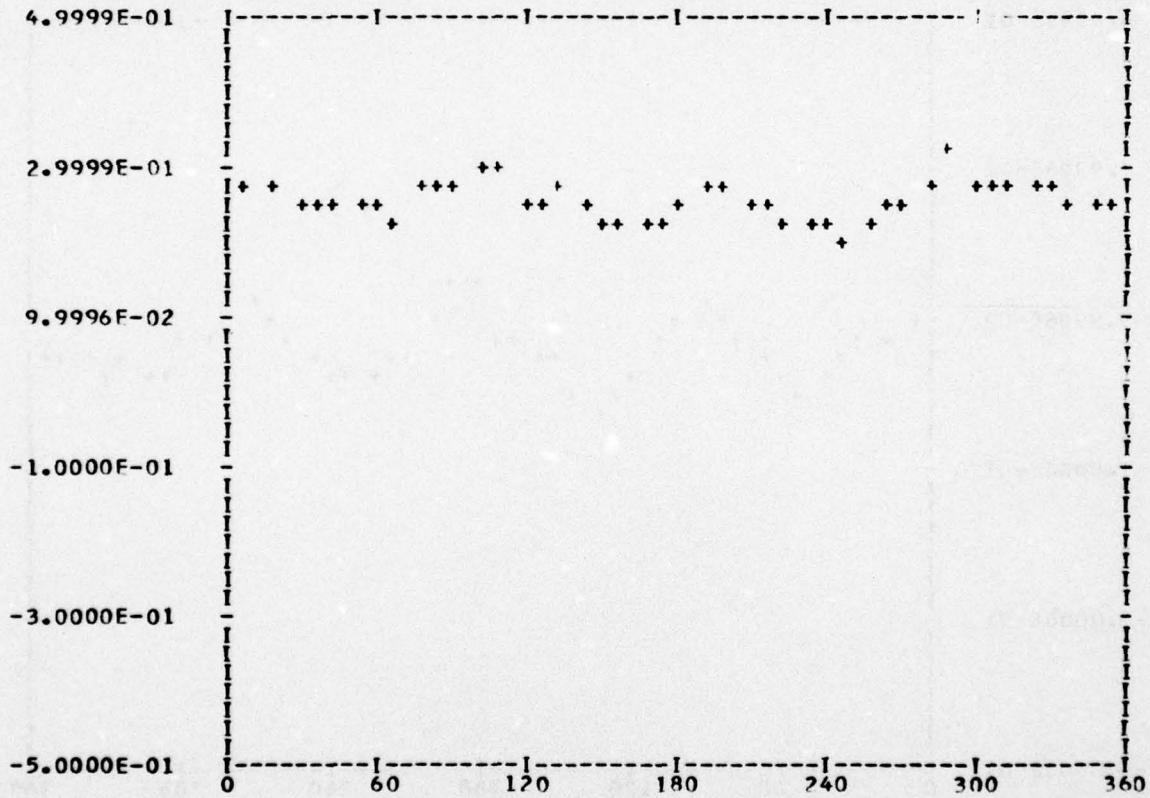
*** PS081.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.25669E 00	1	0.10239E-01	0.19602E-02	0.10425E-01	79.1
	2	-0.[illegible]215E-02	-0.82691E-02	0.12762E-01	229.6
	3	-0.82179E-02	-0.48764E-02	0.95558E-02	239.3
	4	0.12947E-01	0.17067E-01	0.21423E-01	37.1
	5	-0.52435E-03	-0.46381E-02	0.46676E-02	186.4
	6	-0.30854E-02	0.32139E-02	0.44552E-02	316.1
	7	-0.29896E-02	0.87467E-03	0.31149E-02	286.3
	8	0.30360E-02	0.55608E-02	0.63357E-02	28.6
	9	0.29829E-03	0.54990E-02	0.55071E-02	3.1
	10	0.29243E-03	0.19874E-02	0.20088E-02	8.3

MAX= 0.32398E 00 MIN= 0.20689E 00 PEAK TO PEAK/2= 0.58547E-01



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

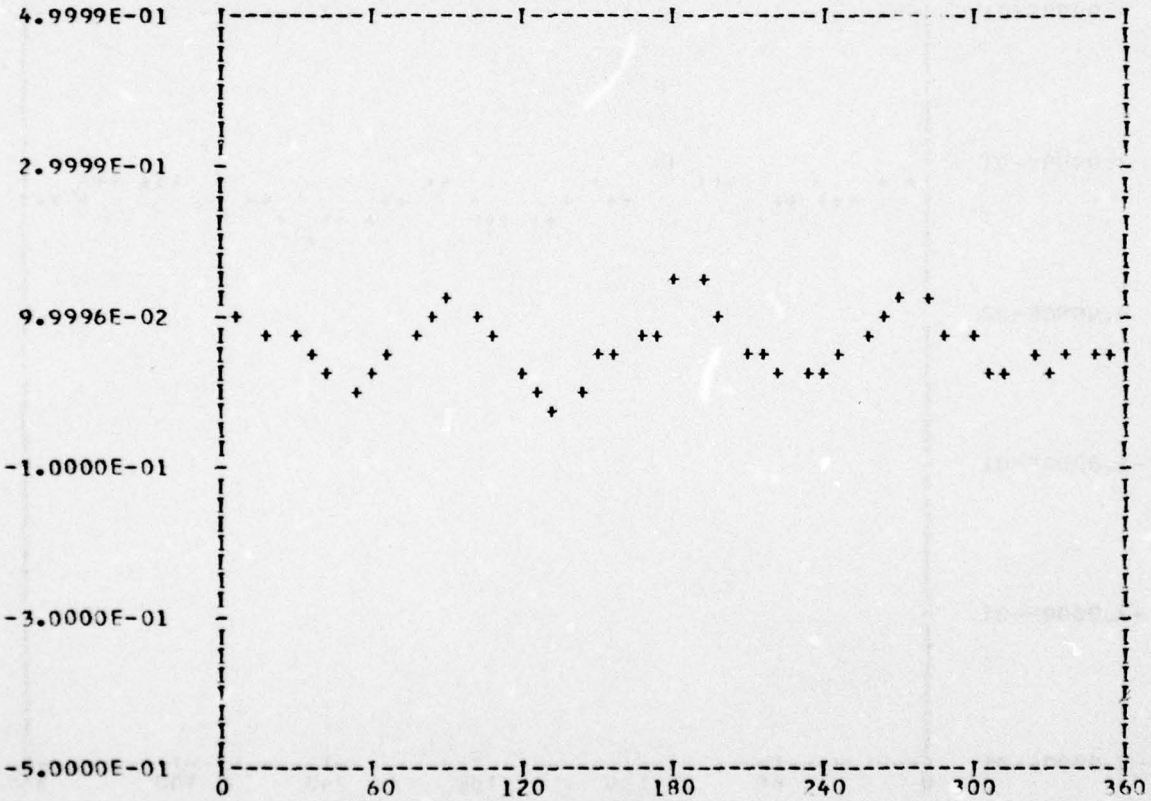
*** PS089.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.61397E-01	1	-0.95110E-03	-0.55540E-02	0.56348E-02	189.7
	2	0.11249E-02	0.69130E-02	0.70040E-02	9.2
	3	-0.11648E-01	-0.34359E-03	0.11653E-01	268.3
	4	0.49267E-01	0.28312E-02	0.49348E-01	86.7
	5	-0.48909E-02	0.63403E-02	0.80076E-02	322.3
	6	-0.47755E-02	0.41424E-02	0.63218E-02	310.9
	7	-0.25627E-02	-0.93842E-03	0.27291E-02	249.8
	8	0.75624E-02	0.69796E-02	0.10291E-01	47.2
	9	-0.13808E-02	-0.45249E-02	0.47309E-02	196.9
	10	0.46560E-02	0.23010E-02	0.51936E-02	63.7

MAX= 0.15616E 00 MIN=-0.20309E-01 PEAK TO PEAK/2= 0.88236E-01



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

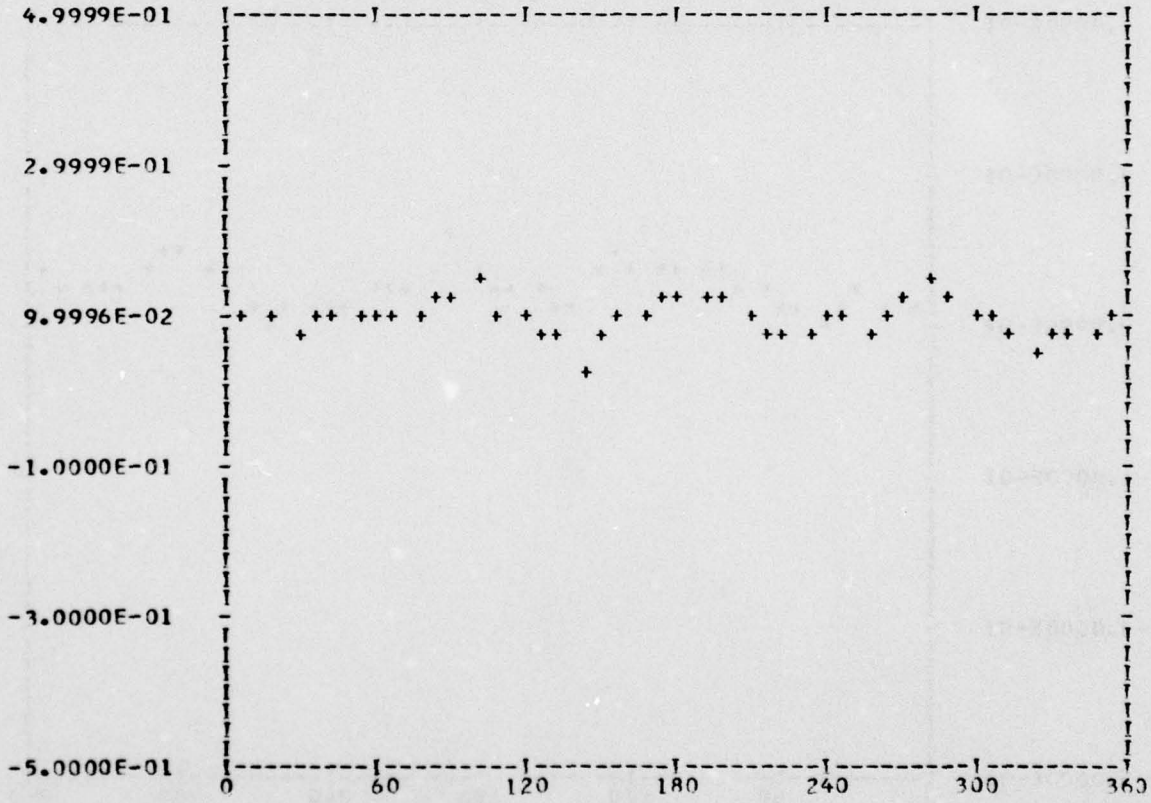
*** PS099.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.96970E-01	1	-0.19272E-02	0.10356E-02	0.21878E-02	298.2
	2	-0.21140E-02	0.67821E-02	0.71039E-02	342.6
	3	-0.74991E-02	0.28517E-02	0.80230E-02	290.8
	4	0.23739E-01	-0.63297E-02	0.24568E-01	104.9
	5	0.20017E-03	0.22600E-02	0.22689E-02	5.0
	6	-0.33234E-02	-0.78432E-02	0.85183E-02	202.9
	7	0.50557E-03	-0.37441E-02	0.37781E-02	172.3
	8	0.32891E-02	0.23184E-02	0.40240E-02	54.8
	9	0.59332E-02	-0.33067E-02	0.67924E-02	119.1
	10	-0.30472E-02	0.38735E-02	0.49284E-02	321.8

MAX= 0.13908E 00 MIN= 0.31256E-01 PEAK TO PEAK/2= 0.53912E-01



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

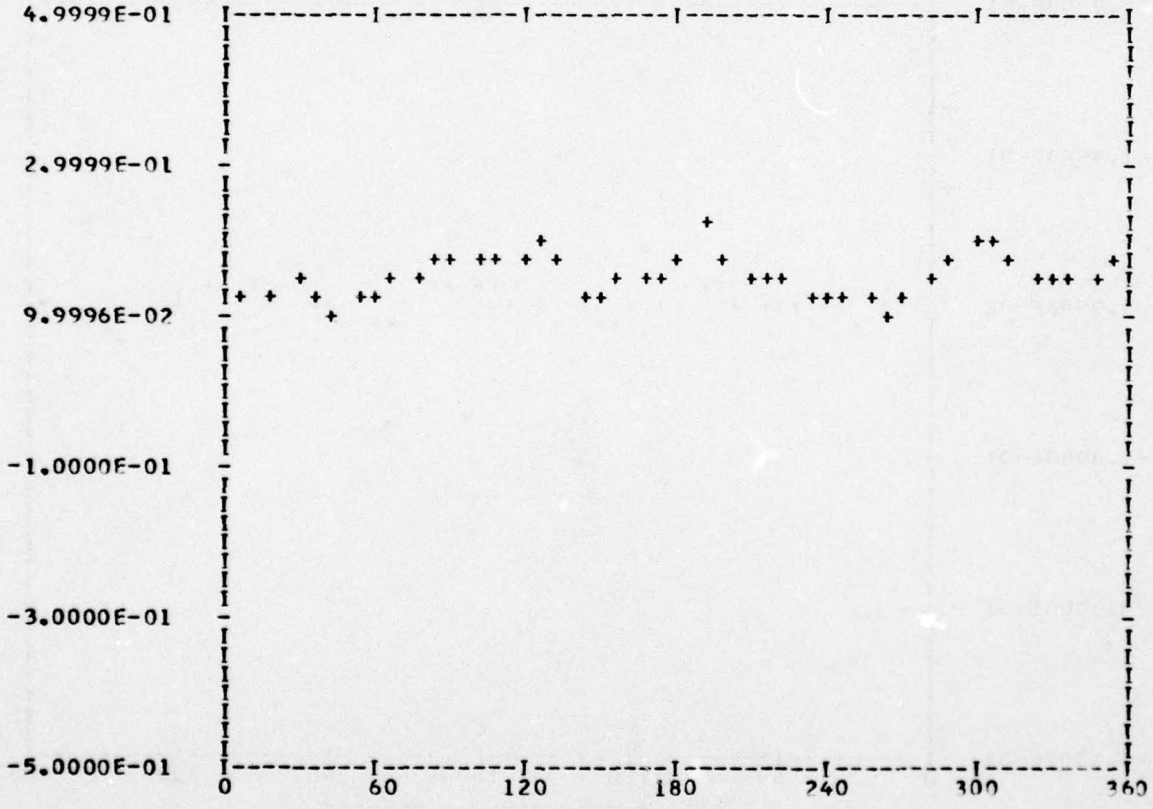
*** PS099.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.15467E 00	1	-0.44810E-02	0.35025E-02	0.56875E-02	308.0
	2	0.32810E-02	-0.15010E-01	0.15365E-01	167.6
	3	-0.53643E-02	-0.11575E-01	0.12757E-01	204.8
	4	0.11412E-01	0.14541E-01	0.18485E-01	38.1
	5	0.45904E-02	0.20260E-02	0.50176E-02	66.1
	6	0.16325E-01	-0.95098E-03	0.16352E-01	93.3
	7	-0.47472E-02	-0.28435E-02	0.55337E-02	239.0
	8	-0.42601E-03	-0.30238E-02	0.30536E-02	188.0
	9	0.34898E-02	-0.51174E-02	0.61941E-02	145.7
	10	-0.97230E-04	0.10107E-02	0.10154E-02	354.5

MAX= 0.22076E 00 MIN= 0.10950E 00 PEAK TO PEAK/2= 0.55629E-01



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

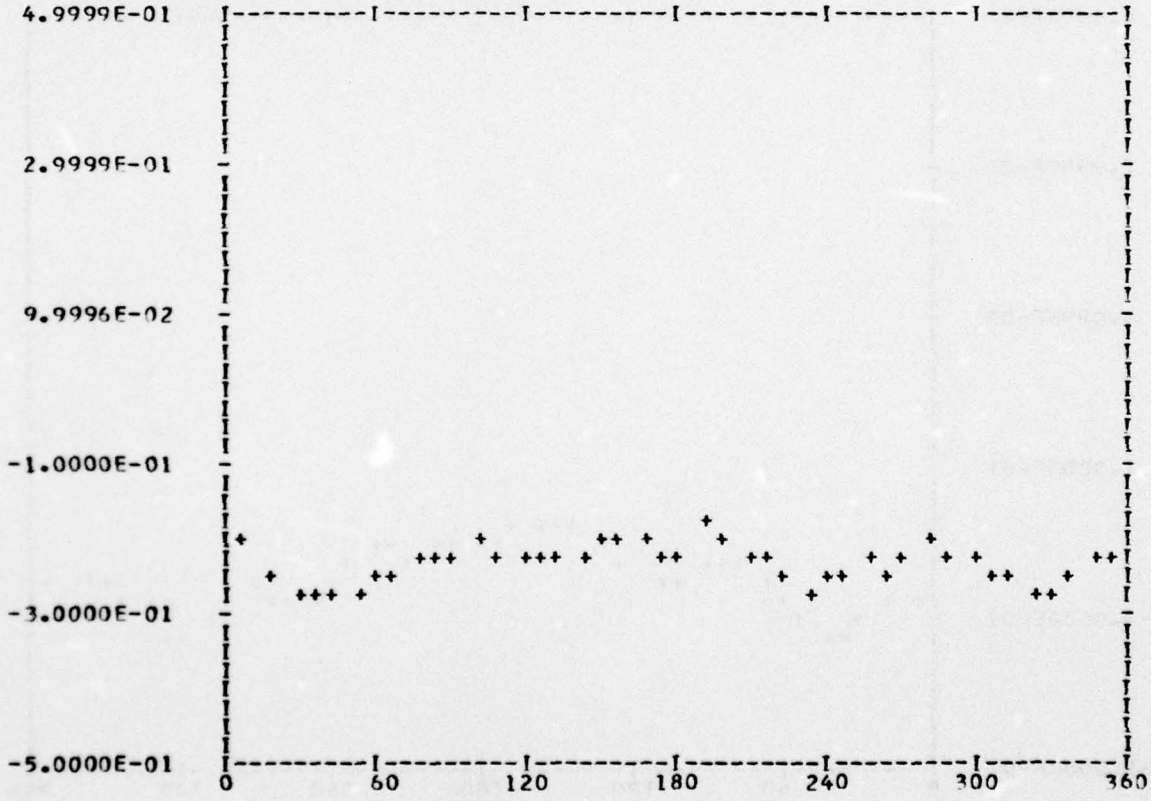
*** PS099.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23262E 00	1	-0.14569E-01	0.53454E-02	0.15519E-01	290.1
	2	0.50640E-02	-0.12479E-01	0.13468E-01	157.9
	3	0.31273E-02	0.19637E-02	0.36928E-02	57.8
	4	0.23063E-01	-0.22855E-02	0.23176E-01	95.6
	5	0.12683E-01	-0.37486E-02	0.13225E-01	106.4
	6	0.29750E-02	-0.15275E-03	0.29789E-02	92.9
	7	0.11838E-02	-0.63711E-02	0.64802E-02	169.4
	8	0.41583E-02	0.64874E-02	0.77057E-02	32.6
	9	0.18760E-02	0.12819E-02	0.22722E-02	55.6
	10	0.11316E-02	-0.10743E-02	0.15603E-02	133.5

MAX=-0.18050E 00 MIN=-0.28418E 00 PEAK TO PEAK/2= 0.51840E-01



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

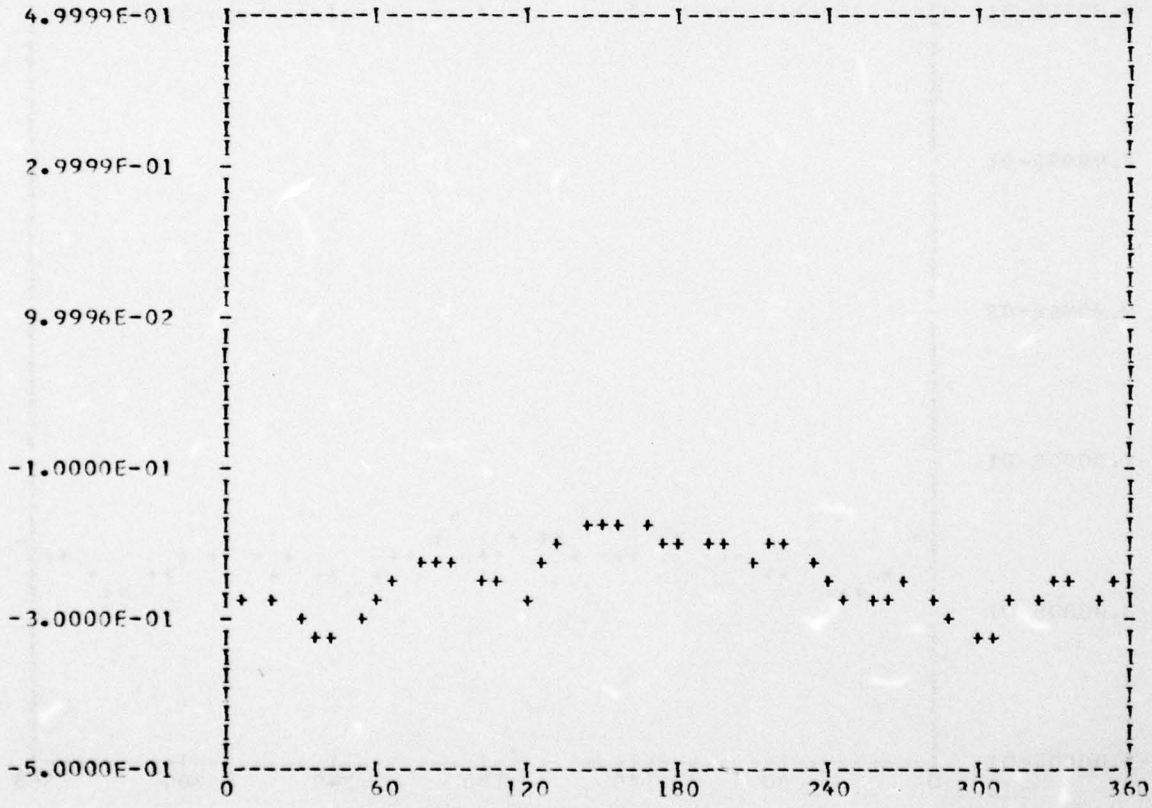
*** PS107.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.24815E 00	1	-0.42223E-01	0.16037E-01	0.45166E-01	290.7
	2	0.17025E-01	-0.10777E-01	0.20150E-01	122.3
	3	-0.81481E-03	-0.11315E-01	0.11344E-01	184.1
	4	-0.19132E-03	-0.16455E-01	0.16456E-01	180.6
	5	0.12640E-01	-0.76408E-02	0.14770E-01	121.1
	6	-0.62138E-02	0.89752E-02	0.10916E-01	325.3
	7	0.26999E-02	0.75103E-02	0.79808E-02	19.7
	8	0.98896E-02	-0.39763E-02	0.10659E-01	111.9
	9	0.11581E-02	-0.21059E-02	0.24034E-02	151.1
	10	-0.22646E-03	-0.15205E-02	0.15372E-02	188.4

MAX=-0.16892E 00 MIN=-0.33409E 00 PEAK TO PEAK/2= 0.82583E-01



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

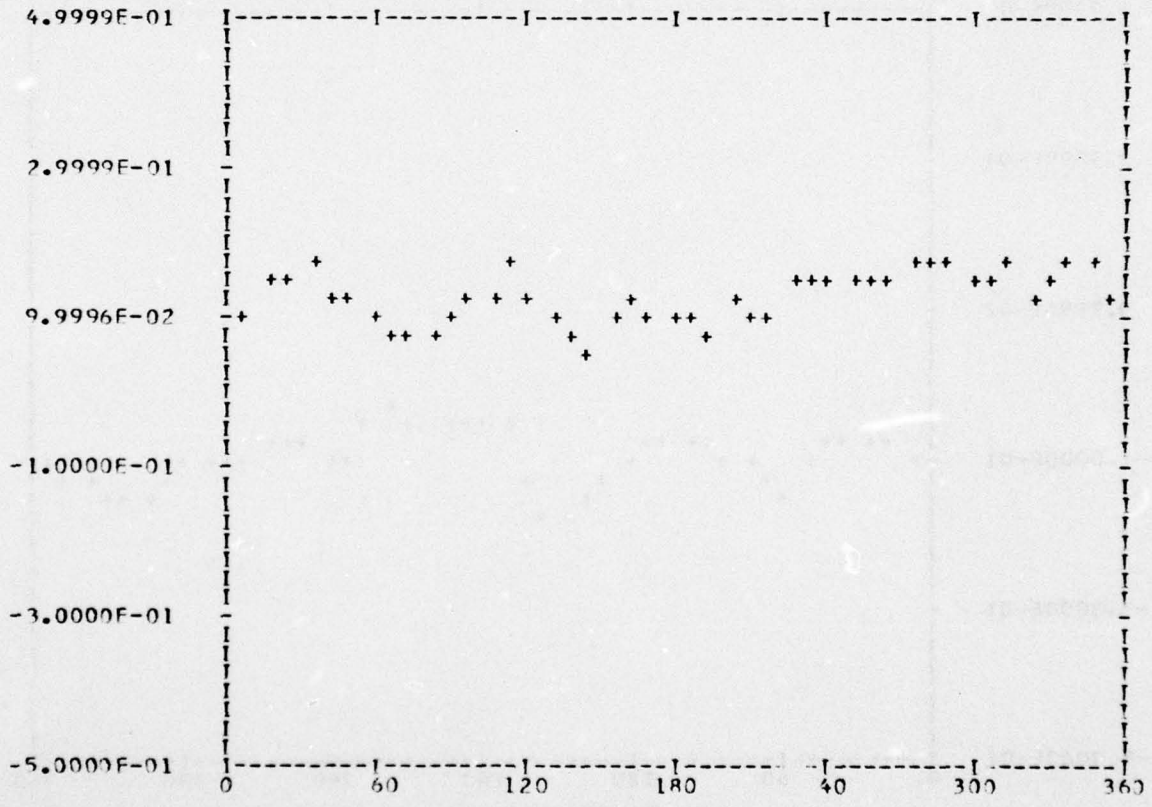
*** PS107.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.12646E 00	1	0.14483E-01	-0.24910E-01	0.28815E-01	149.8
	2	-0.10216E-01	-0.11252E-02	0.10278E-01	263.7
	3	0.87122E-02	-0.47758E-03	0.87252E-02	93.1
	4	0.41596E-02	0.83468E-02	0.93259E-02	26.4
	5	-0.12744E-01	0.10342E-01	0.16412E-01	309.0
	6	-0.13088E-01	-0.88753E-02	0.15814E-01	235.8
	7	0.76067E-03	0.39403E-02	0.40131E-02	10.9
	8	-0.69468E-02	0.49271E-02	0.84354E-02	305.7
	9	-0.53234E-02	-0.40766E-02	0.67050E-02	232.5
	10	-0.35089E-02	0.53694E-02	0.64144E-02	326.8

MAX= 0.17730E 00 MIN= 0.56072E-01 PEAK TO PEAK/2= 0.60614E-01



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

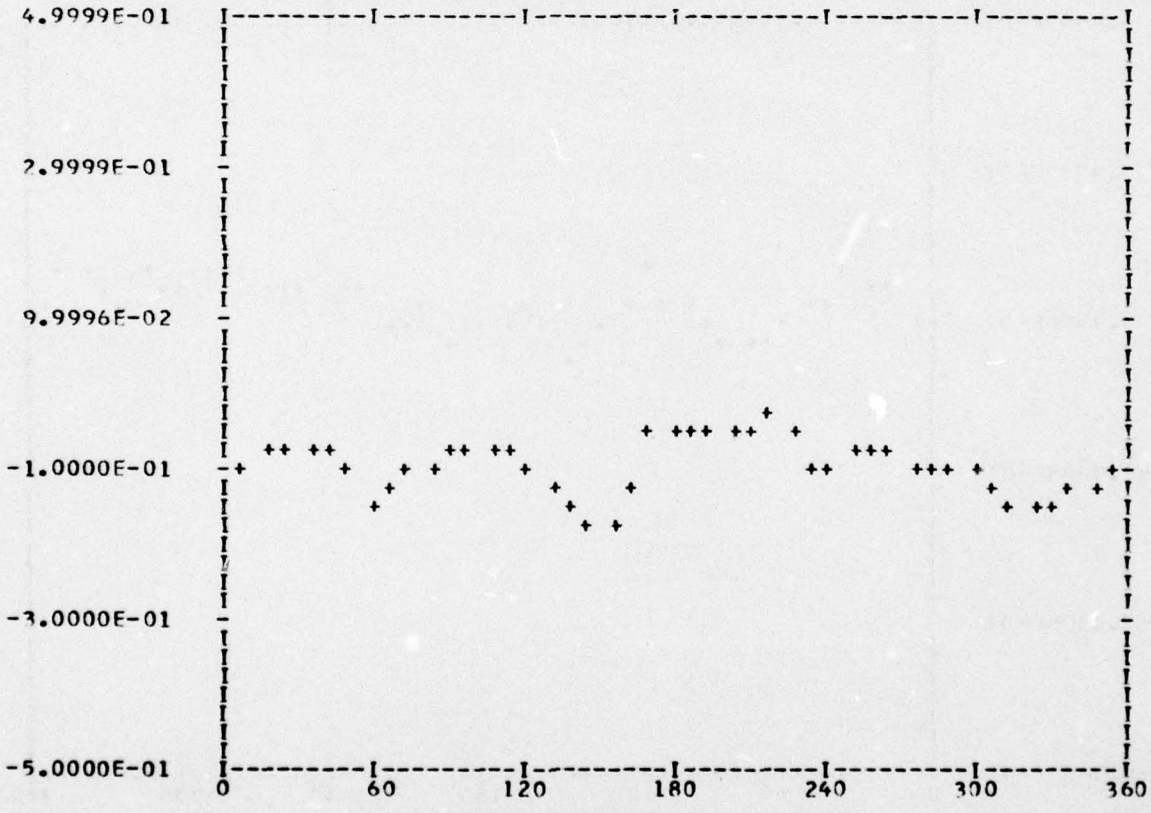
*** PS107.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.97511E-01	1	-0.15741E-01	-0.51709E-02	0.16569E-01	251.8
	2	0.51404E-02	0.27706E-01	0.28179E-01	10.5
	3	-0.32089E-02	-0.63029E-02	0.70728E-02	206.9
	4	0.26776E-01	0.11622E-01	0.29189E-01	66.5
	5	-0.95580E-02	0.72165E-02	0.11976E-01	307.0
	6	-0.52912E-02	-0.52723E-02	0.74695E-02	225.1
	7	-0.22719E-02	0.47280E-02	0.52455E-02	334.3
	8	-0.11563E-01	-0.83004E-02	0.14234E-01	234.3
	9	0.24837E-02	0.70089E-02	0.74360E-02	19.5
	10	0.12083E-02	-0.27704E-02	0.30225E-02	156.4

MAX=-0.29201E-01 MIN=-0.18371E 00 PEAK TO PEAK/2= 0.77255E-01



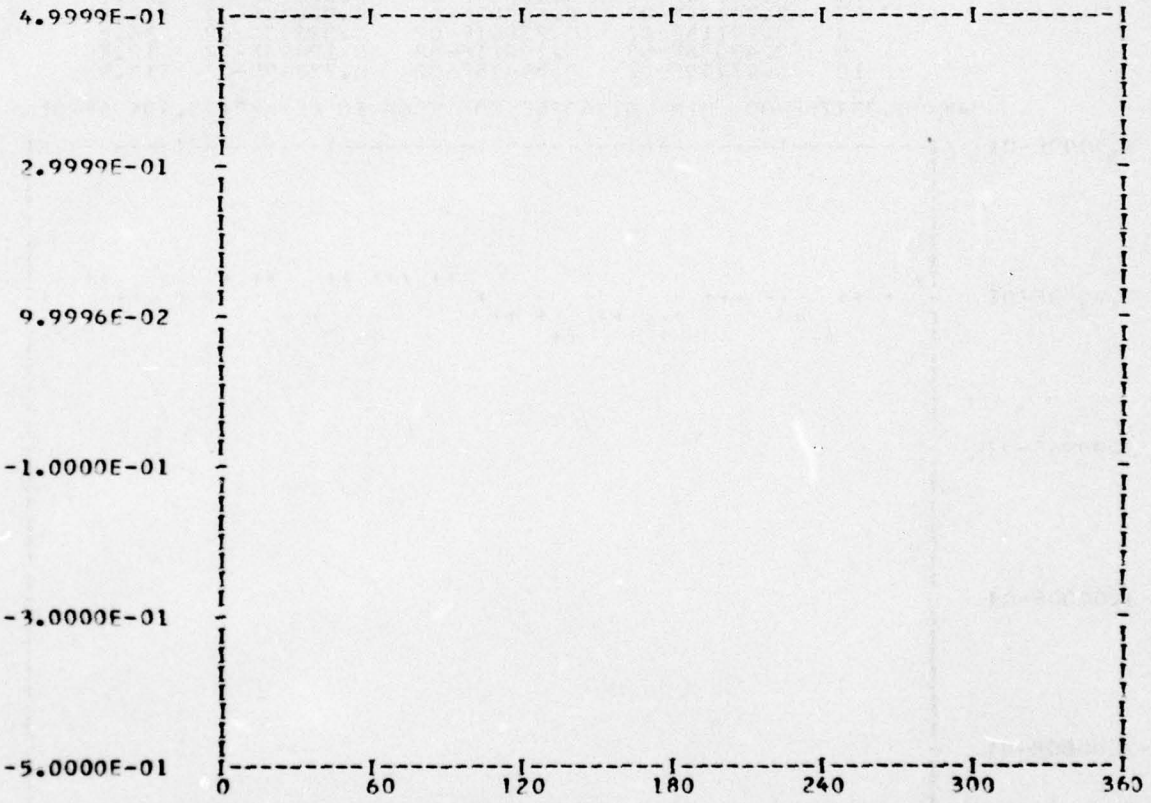
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS107.4 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	16
ENTERED	44	TP	3
OUT OF RANGE	44	CHAN	52
BANDEDGE	44		

HARMONIC ANALYSIS SKIPPED

MAX=-0.41732E 00 MIN=-0.67169E 00 PEAK TO PEAK/2= 0.12718E 00



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

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

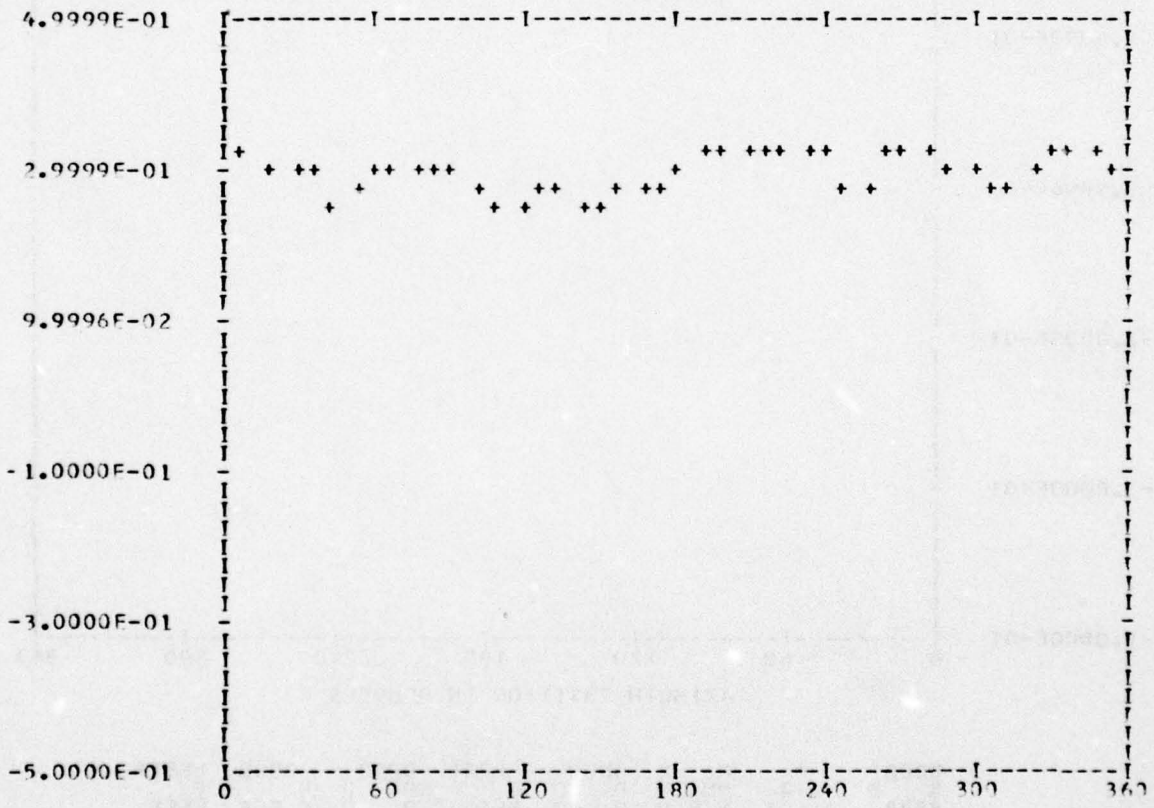
*** PS107.5 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.29688E 00	1	0.57950E-02	-0.18877E-01	0.19746E-01	162.9
	2	0.58400E-02	0.10462E-01	0.11981E-01	29.1
	3	-0.45296E-02	-0.11113E-01	0.12001E-01	202.1
	4	0.81579E-02	-0.29428E-02	0.86725E-02	109.8
	5	0.74966E-02	-0.77181E-02	0.10759E-01	135.8
	6	-0.61136E-02	0.12084E-02	0.62319E-02	281.1
	7	-0.70105E-02	0.69802E-02	0.98930E-02	314.9
	8	0.19116E-02	0.25941E-02	0.32223E-02	36.3
	9	0.43086E-03	0.19011E-02	0.19493E-02	12.7
	10	-0.47459E-02	0.54475E-02	0.72249E-02	318.9

MAX= 0.33726E 00 MIN= 0.24026E 00 PEAK TO PEAK/2= 0.48496E-01



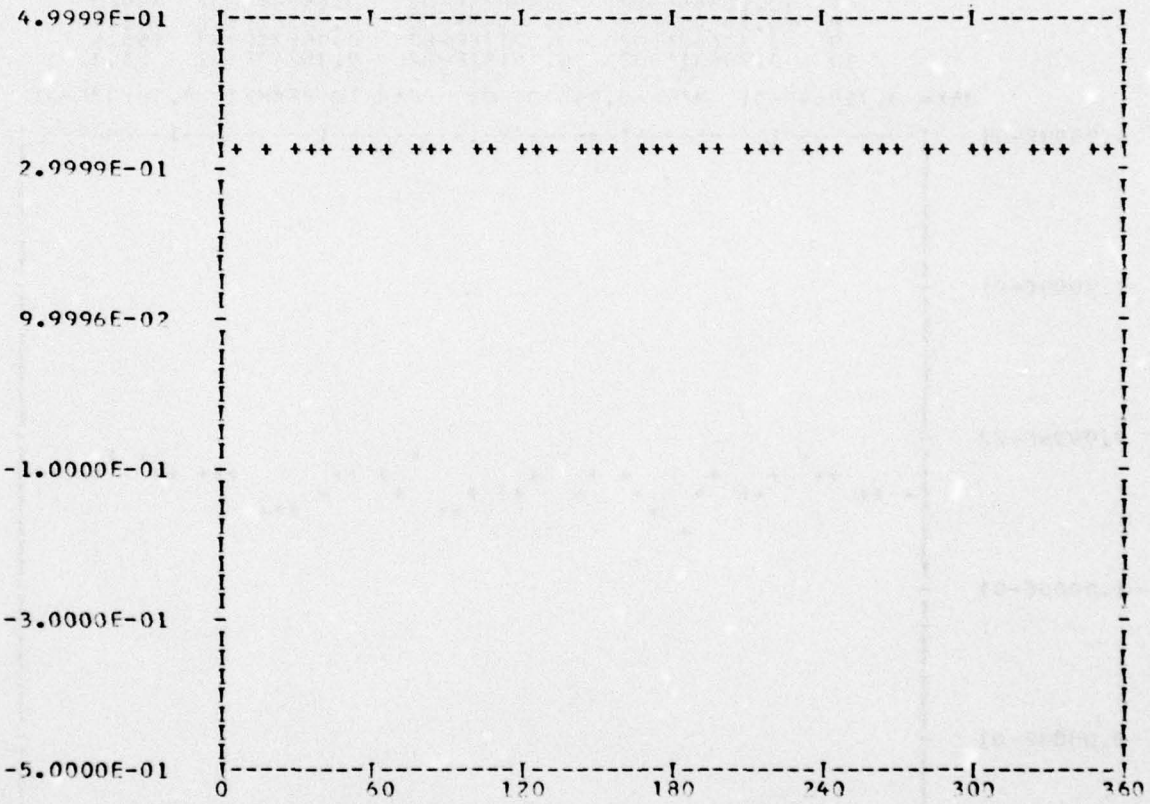
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS107.6 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	16
ENTERED	44	TP	3
OUT OF RANGE	0	CHAN	50
BANDEDGE	44		

HARMONIC ANALYSIS SKIPPED

MAX= 0.33502E 00 MIN= 0.33502E 00 PEAK TO PEAK/2= 0.00000E 00



AZIMUTH POSITION IN DEGREES

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

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

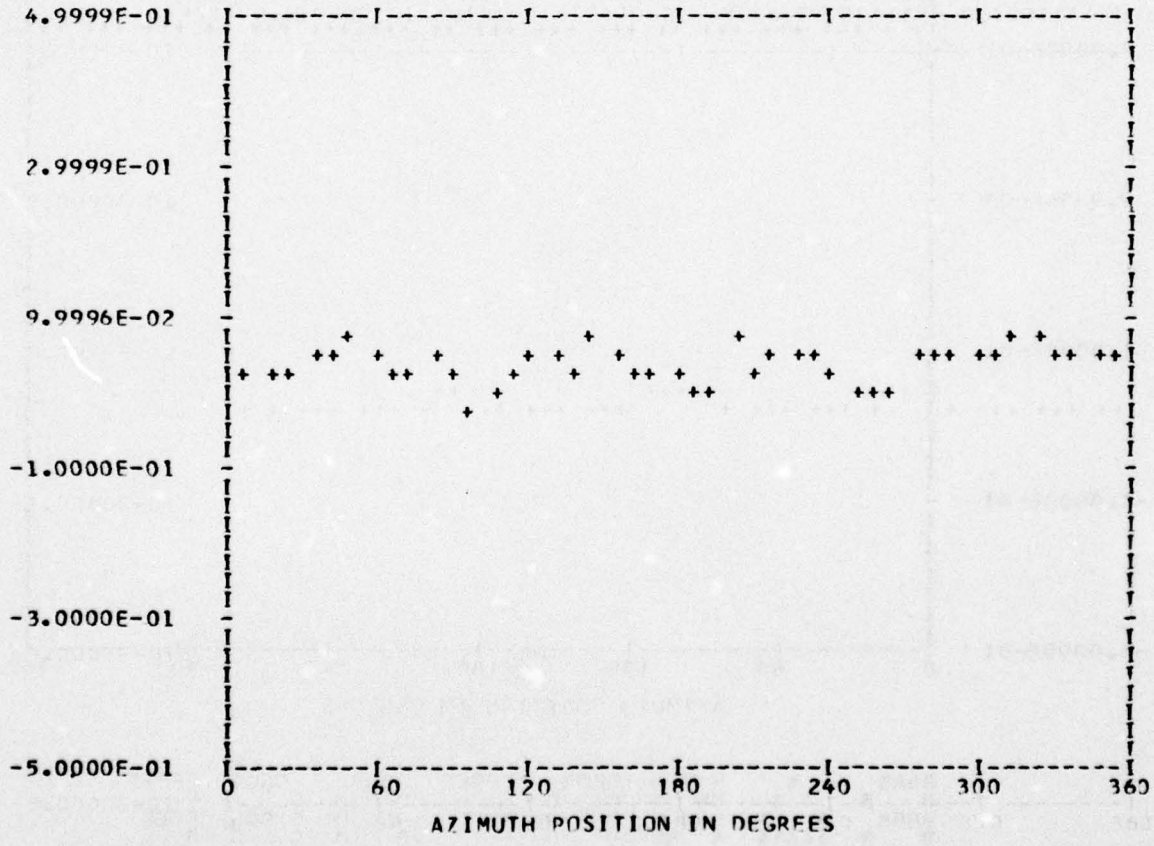
*** PS112.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.36746E-01	1	0.83508E-02	-0.59356E-02	0.10245E-01	125.4
	2	0.21801E-02	-0.33580E-02	0.40037E-02	147.0
	3	-0.67490E-02	0.23371E-02	0.71422E-02	289.1
	4	-0.15910E-01	0.95682E-02	0.18566E-01	301.0
	5	0.73130E-02	-0.10919E-01	0.13141E-01	146.1
	6	-0.41308E-02	-0.25163E-02	0.48369E-02	238.6
	7	-0.16346E-02	0.42635E-02	0.45661E-02	339.0
	8	-0.10256E-03	-0.36548E-02	0.36562E-02	181.6
	9	0.33668E-02	-0.90778E-03	0.96821E-03	159.5
	10	0.20831E-03	0.35181E-02	0.35242E-02	3.3

MAX= 0.75864E-01 MIN=-0.24530E-01 PEAK TO PEAK/2= 0.50197E-01



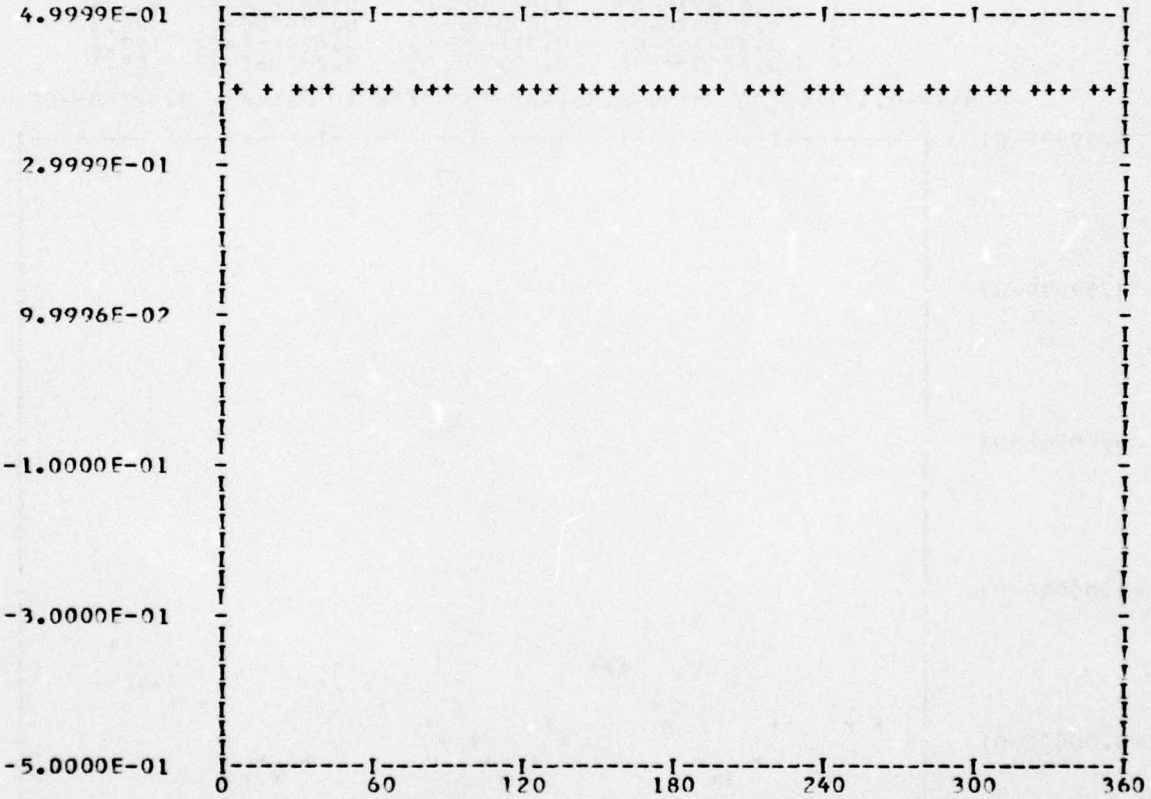
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS112.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			
ENTERED	44	RUN	16
OUT OF RANGE	0	TP	3
BANDEDGE	44	CHAN	48

HARMONIC ANALYSIS SKIPPED

MAX= 0.40427E 00 MIN= 0.40427E 00 PEAK TO PEAK/2= 0.00000E 00



AZIMUTH POSITION IN DEGREES

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

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

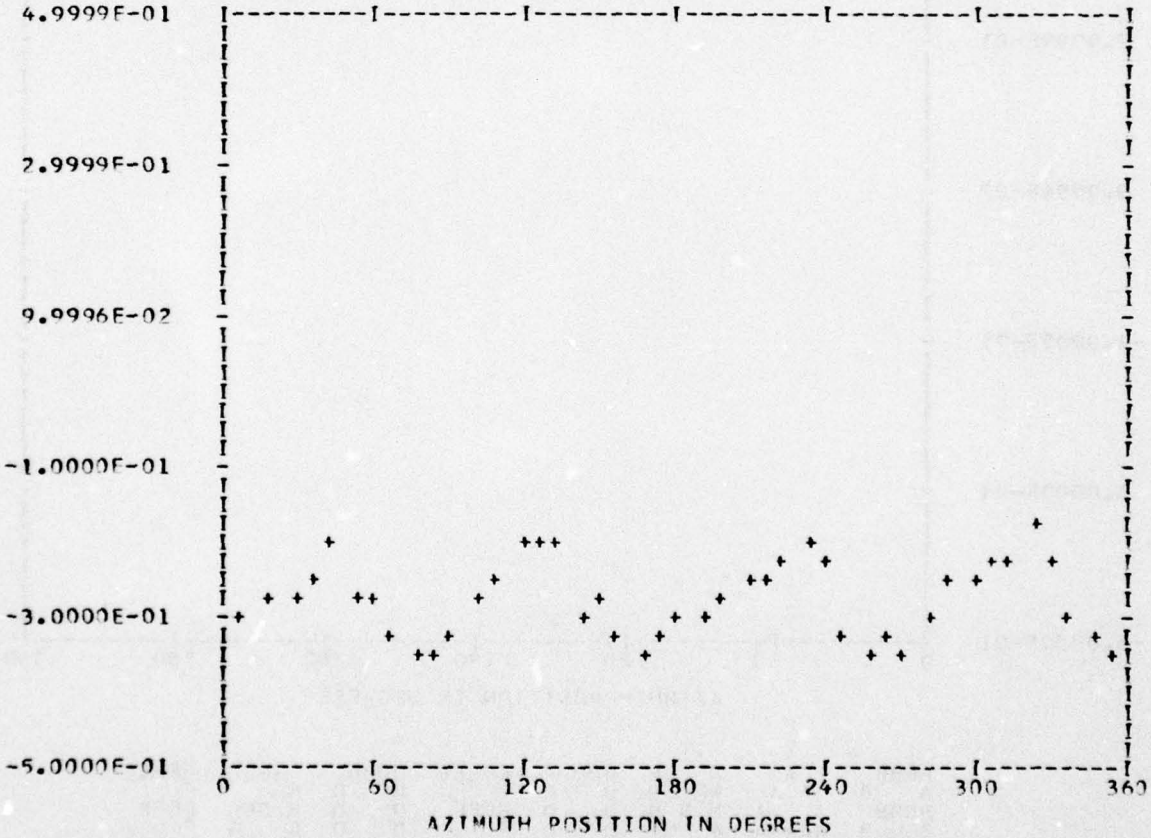
*** PS117.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 3
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.27740E 00	1	-0.18286E-02	-0.47974E-02	0.51341E-02	200.8
	2	-0.26964E-02	-0.72292E-02	0.77157E-02	200.4
	3	0.27939E-02	-0.13094E-01	0.13389E-01	167.9
	4	-0.32494E-01	0.55008E-01	0.63889E-01	329.4
	5	-0.82298E-02	0.78502E-02	0.11373E-01	313.6
	6	0.17863E-02	-0.83711E-02	0.85596E-02	167.9
	7	-0.68673E-03	0.85889E-02	0.86164E-02	355.4
	8	0.13857E-01	0.89048E-03	0.13885E-01	86.3
	9	0.35436E-02	-0.22668E-02	0.42066E-02	122.6
	10	0.22709E-02	0.89150E-03	0.24396E-02	68.5

MAX=-0.17714E 00 MIN=-0.36146E 00 PEAK TO PEAK/2= 0.92158E-01



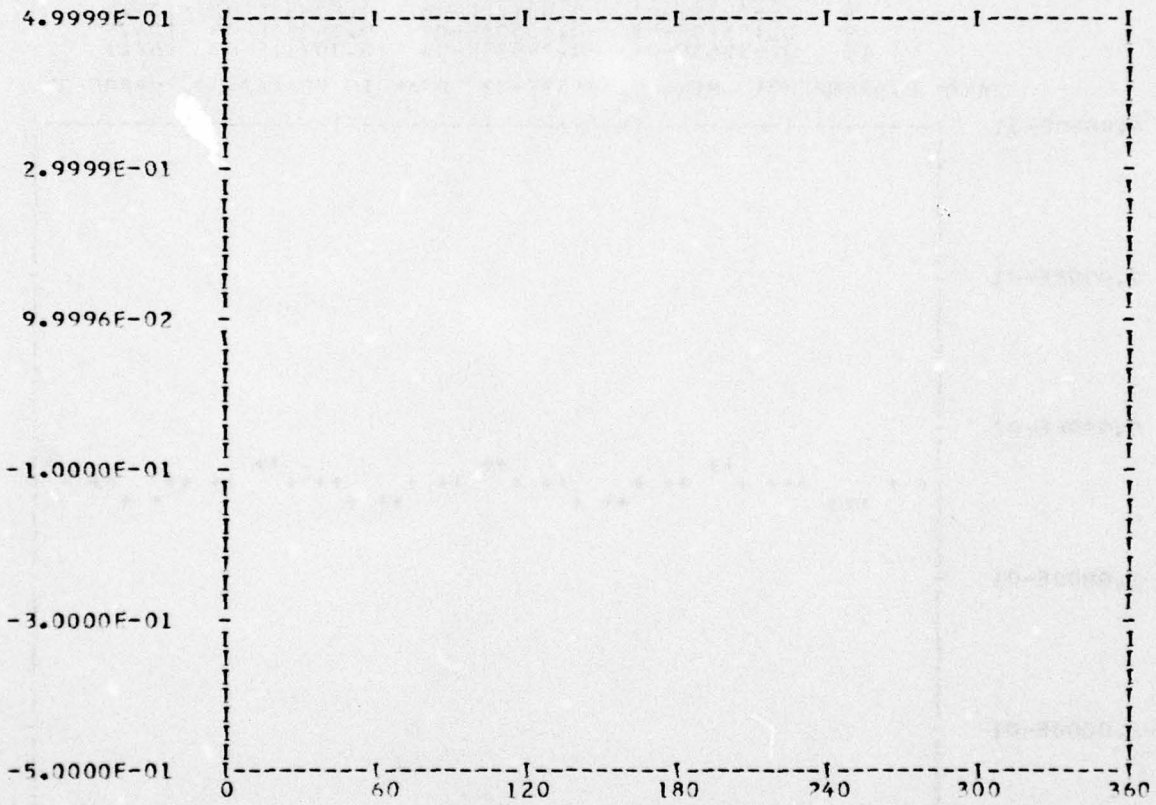
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS117.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	16
ENTERED	44	TP	3
OUT OF RANGE	44	CHAN	53
BANDEDGE	32		

HARMONIC ANALYSIS SKIPPED

MAX=-0.54979E 00 MIN=-0.96312E 00 PEAK TO PEAK/2= 0.20666E 00



AZIMUTH POSITION IN DEGREES

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

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

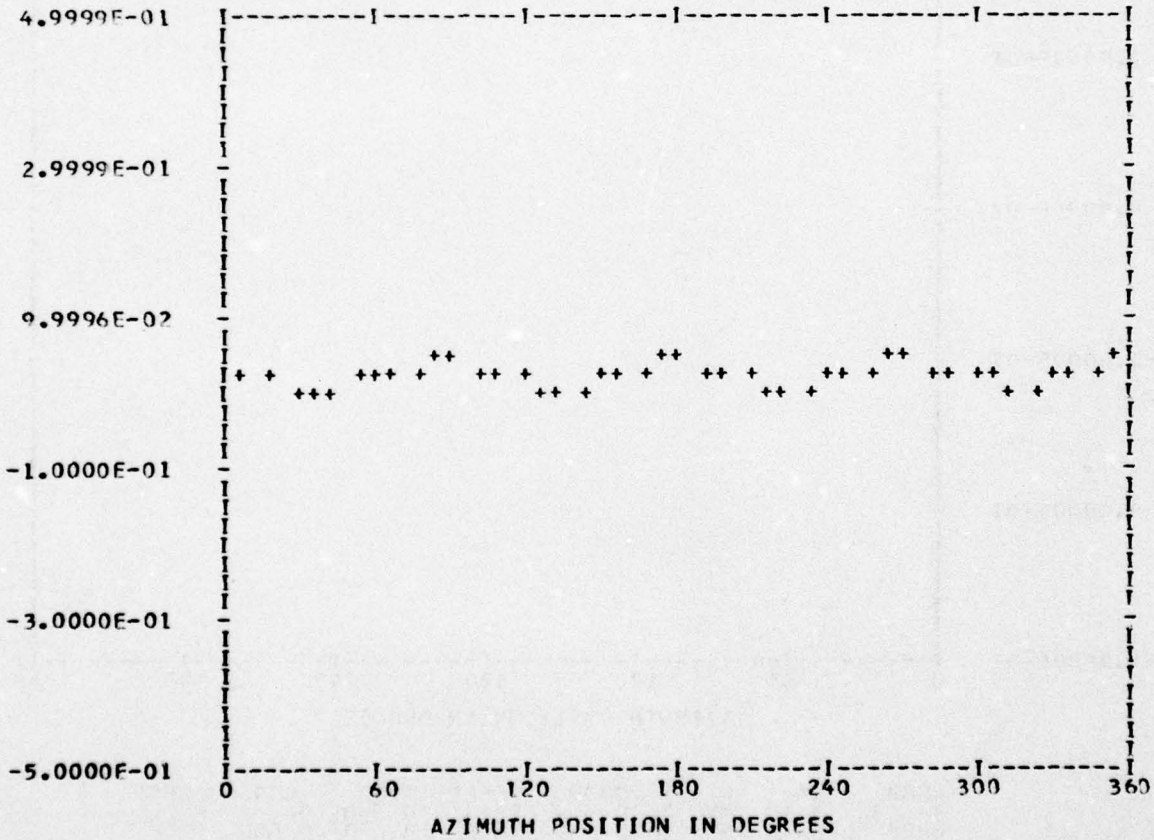
*** PS081.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.22039E-01	1	0.38693E-03	-0.10734E-02	0.11411E-02	160.1
	2	0.64402E-03	-0.45349E-03	0.78767E-03	125.1
	3	0.75100E-04	0.29643E-03	0.30580E-03	14.2
	4	0.11205E-01	-0.11230E-01	0.15864E-01	135.0
	5	-0.43542E-03	-0.90798E-03	0.10069E-02	205.6
	6	-0.66977E-03	-0.11717E-02	0.13496E-02	209.7
	7	-0.84121E-04	-0.44821E-03	0.45604E-03	190.6
	8	0.50011E-03	-0.53120E-02	0.53355E-02	174.6
	9	0.15519E-03	-0.40396E-04	0.16036E-03	104.5
	10	0.63863E-04	-0.29529E-03	0.30211E-03	167.7

MAX= 0.47692E-01 MIN= 0.59153E-02 PEAK TO PEAK/2= 0.20888E-01



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

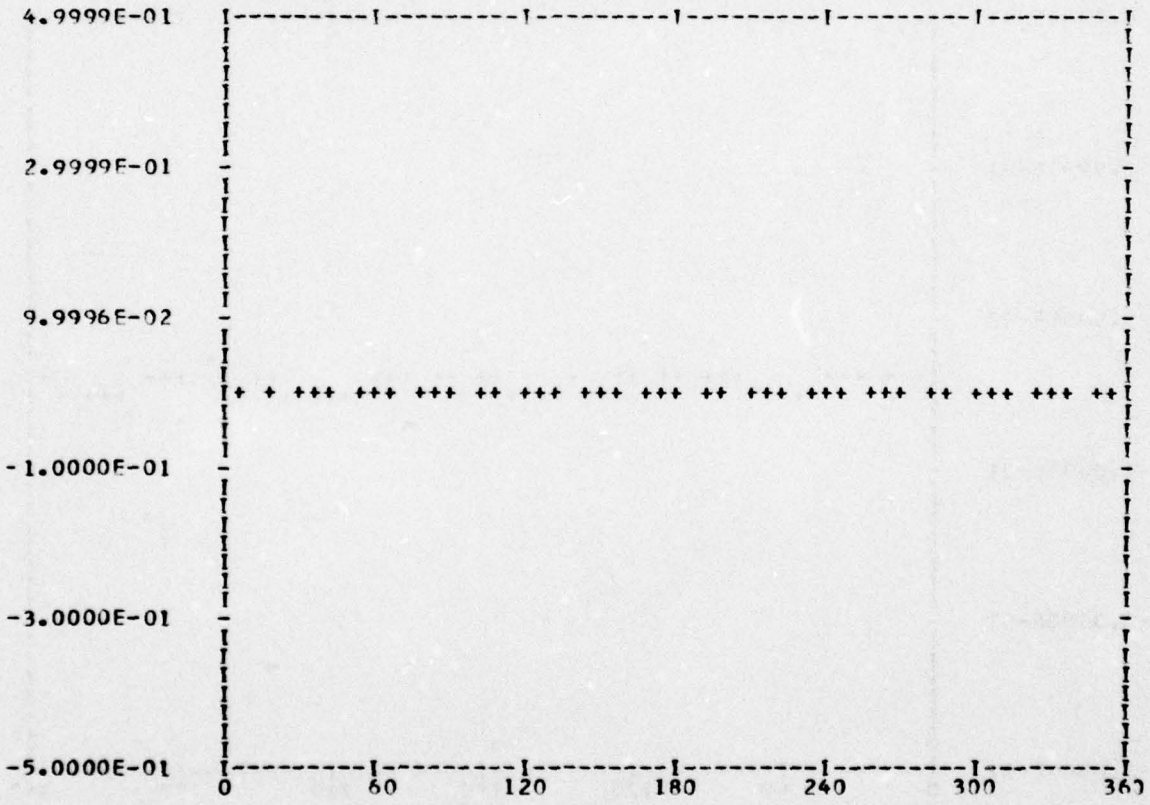
*** PS081.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10516E-02	1	0.30609E-04	-0.37338E-04	0.48281E-04	140.6
	2	-0.28996E-04	-0.16282E-04	0.33255E-04	240.6
	3	-0.40510E-04	-0.46550E-04	0.61709E-04	221.0
	4	0.32847E-04	-0.21848E-04	0.39449E-04	123.6
	5	0.34734E-04	0.13410E-04	0.37233E-04	68.8
	6	-0.15431E-04	-0.48747E-04	0.51132E-04	197.5
	7	-0.14613E-05	0.62918E-04	0.62935E-04	358.6
	8	-0.17537E-04	-0.22532E-04	0.28552E-04	217.8
	9	0.53342E-04	0.27033E-05	0.53410E-04	87.0
	10	0.54747E-04	-0.13824E-04	0.56465E-04	104.1

MAX=-0.71354E-03 MIN=-0.13557E-02 PEAK TO PEAK/2= 0.32109E-03



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

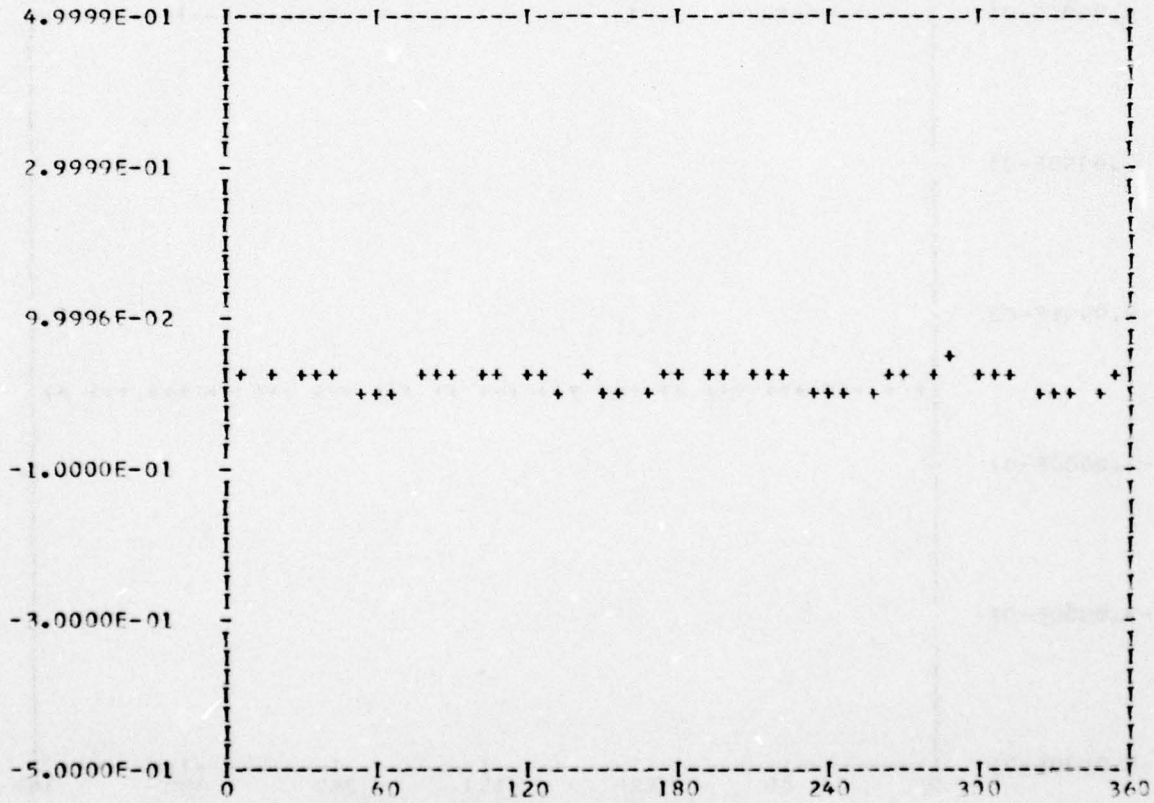
*** PS081.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.18904E-01	1	0.12649E-03	-0.11204E-02	0.11276E-02	173.5
	2	0.71228E-03	0.10864E-03	0.72052E-03	81.3
	3	-0.12004E-02	0.16142E-03	0.12112E-02	277.6
	4	0.72787E-02	0.78938E-02	0.10737E-01	42.6
	5	0.50352E-03	-0.86093E-04	0.51083E-03	99.7
	6	-0.11446E-03	0.19993E-03	0.23037E-03	330.2
	7	-0.11534E-03	-0.61364E-03	0.62439E-03	190.6
	8	0.17291E-03	0.26429E-02	0.26486E-02	3.7
	9	0.39547E-03	0.15792E-03	0.42584E-03	68.2
	10	0.36148E-03	-0.81305E-03	0.88979E-03	156.0

MAX= 0.38436E-01 MIN= 0.83914E-02 PEAK TO PEAK/2= 0.15022E-01



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

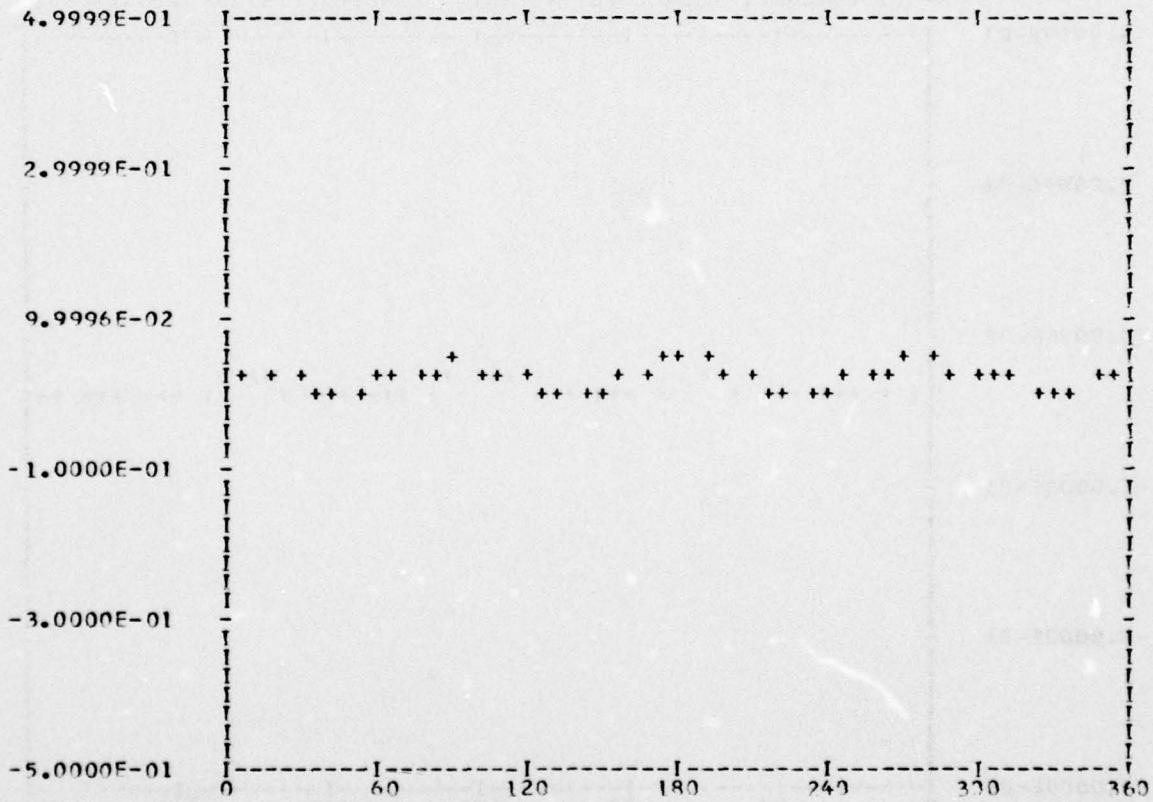
*** PS089.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.22110E-01	1	-0.89025E-04	-0.26242E-02	0.26258E-02	181.9
	2	0.35280E-03	-0.74167E-03	0.82131E-03	154.5
	3	-0.27074E-02	0.25911E-02	0.37475E-02	313.7
	4	0.16687E-01	0.12153E-02	0.16731E-01	85.8
	5	-0.86322E-04	-0.37694E-03	0.38669E-03	192.8
	6	0.12307E-02	-0.14656E-04	0.12308E-02	90.6
	7	-0.25614E-03	0.53412E-03	0.59236E-03	334.3
	8	0.59295E-02	0.49682E-03	0.59503E-02	85.2
	9	0.36857E-03	-0.69624E-03	0.78778E-03	152.1
	10	0.10043E-03	0.70554E-04	0.12273E-03	54.9

MAX= 0.54619E-01 MIN= 0.66855E-02 PEAK TO PEAK/2= 0.23967E-01



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

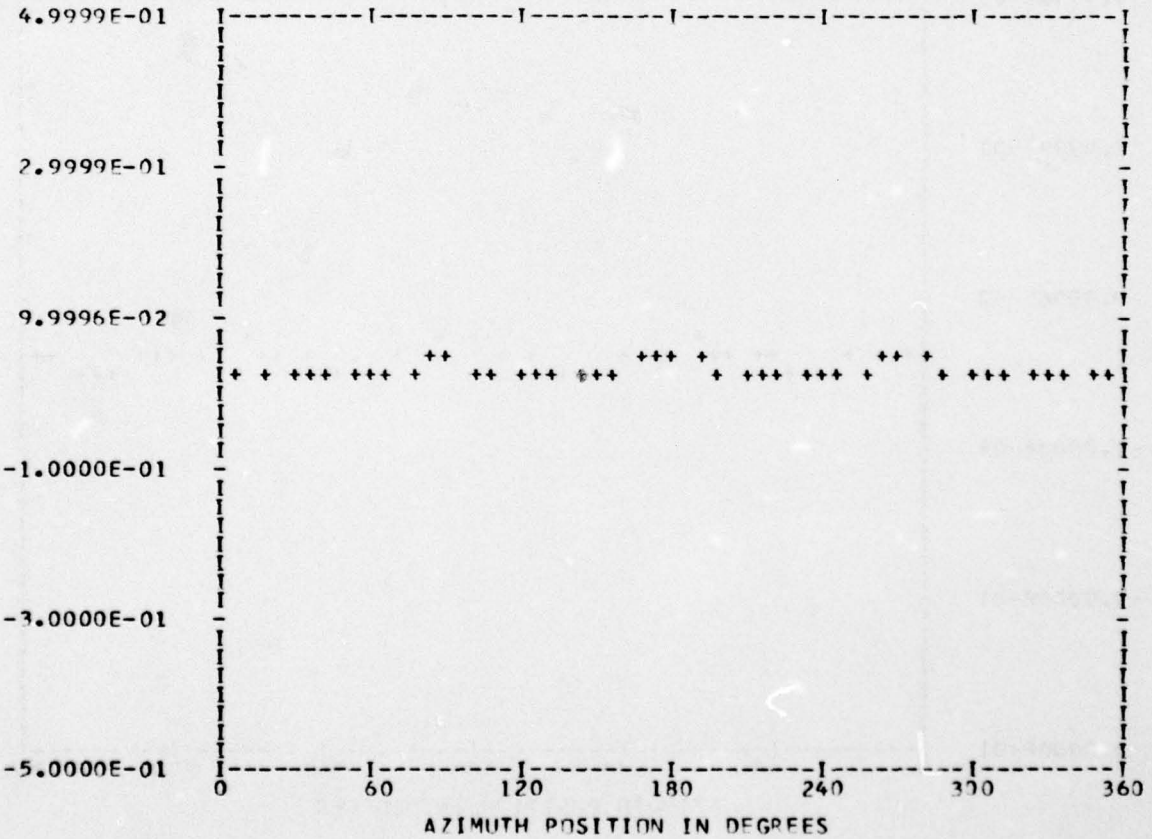
*** PS099.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32818E-01	1	-0.19245E-02	0.94953E-03	0.21460E-02	296.2
	2	-0.21173E-03	0.73062E-03	0.76068E-03	343.8
	3	-0.14802E-02	0.15802E-02	0.21652E-02	316.8
	4	0.61363E-02	-0.49318E-02	0.78726E-02	128.7
	5	-0.59355E-03	-0.86788E-03	0.10514E-02	214.3
	6	0.49466E-03	-0.61369E-03	0.78823E-03	141.1
	7	-0.19258E-03	0.79120E-03	0.81430E-03	346.3
	8	0.83951E-03	-0.22547E-02	0.24060E-02	159.5
	9	0.31320E-03	0.40382E-03	0.51105E-03	37.7
	10	0.26335E-03	-0.25095E-03	0.36378E-03	133.6

MAX= 0.51970E-01 MIN= 0.21947E-01 PEAK TO PEAK/2= 0.15011E-01



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

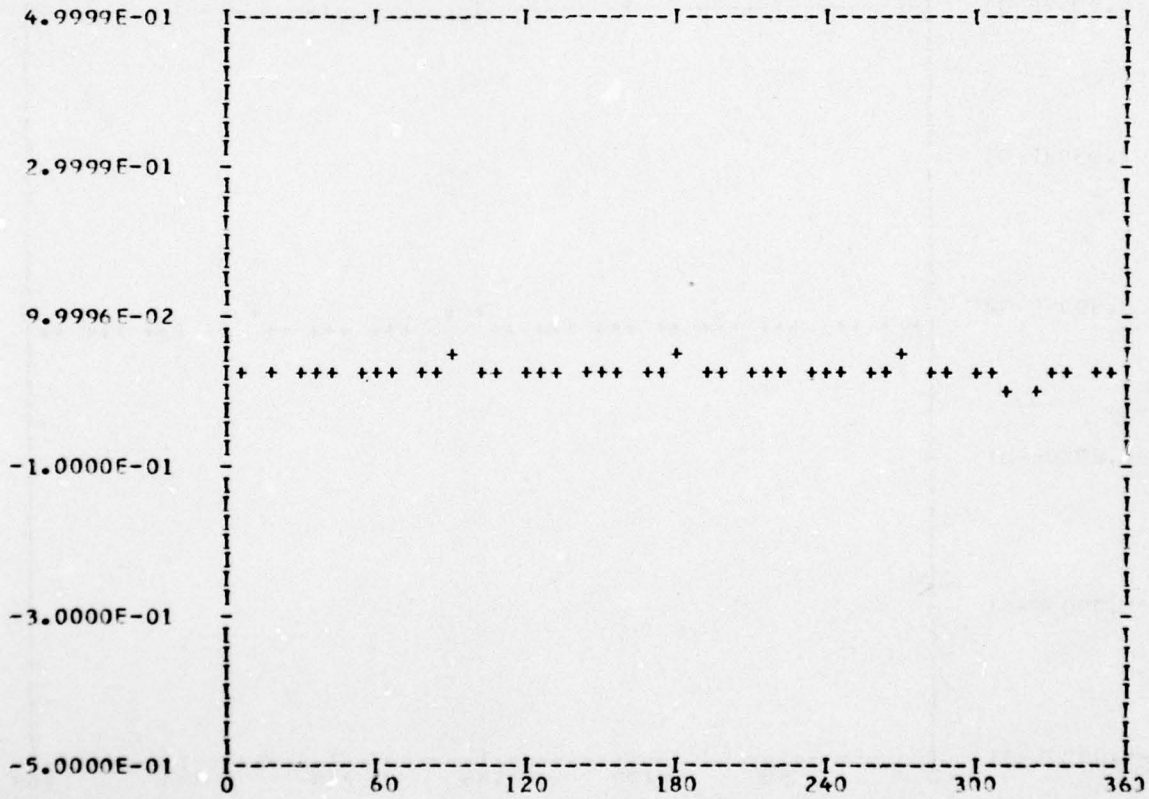
*** PS099.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.25262E-01	1	-0.10920E-02	0.16050E-02	0.19413E-02	325.7
	2	-0.34148E-03	0.48082E-03	0.58974E-03	324.6
	3	0.84435E-03	0.15686E-02	0.17814E-02	28.2
	4	0.86574E-02	-0.13232E-02	0.87579E-02	98.6
	5	0.99260E-03	-0.12660E-02	0.16088E-02	141.9
	6	0.11304E-02	-0.14562E-02	0.18435E-02	142.1
	7	-0.98317E-03	-0.34411E-03	0.10416E-02	250.7
	8	0.16122E-02	-0.10006E-02	0.18975E-02	121.8
	9	-0.24436E-03	-0.76083E-03	0.79911E-03	197.8
	10	-0.14357E-03	-0.17728E-03	0.22813E-03	219.0

MAX= 0.42464E-01 MIN= 0.96937E-02 PEAK TO PEAK/2= 0.16385E-01



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

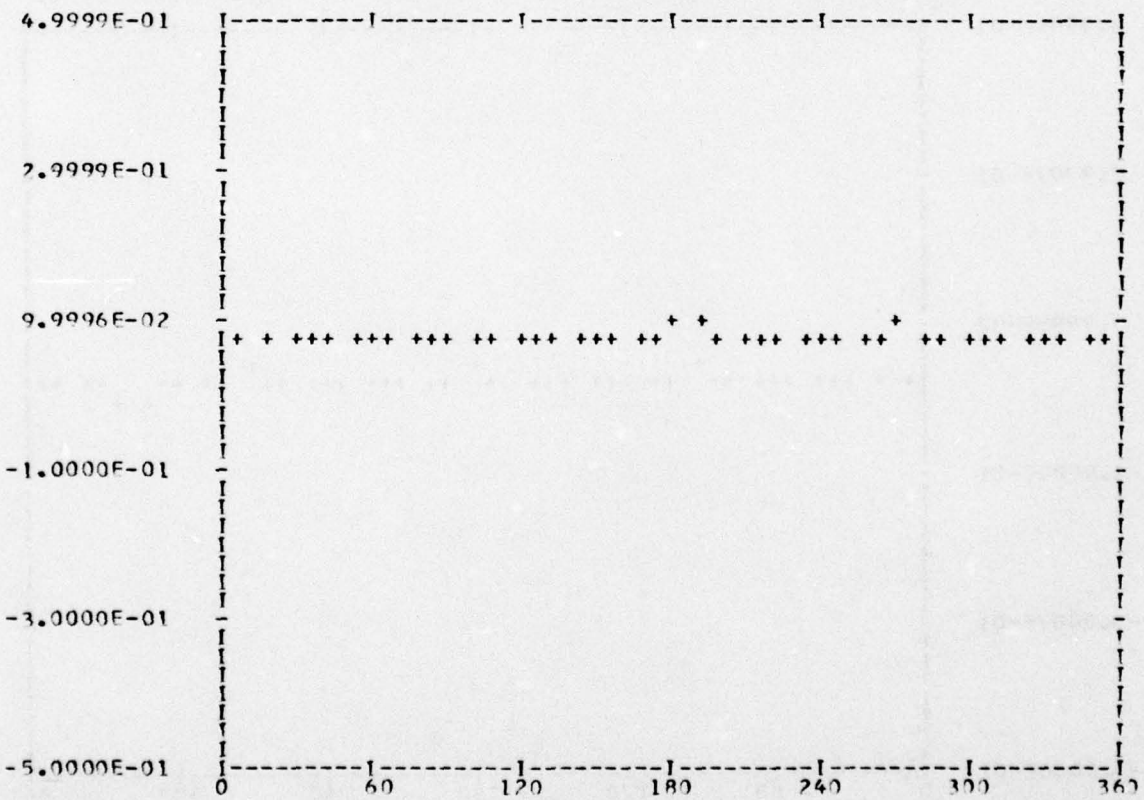
*** PS099.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.80438E-01	1	0.42083E-04	-0.75245E-03	0.75363E-03	176.7
	2	-0.26204E-03	-0.64350E-03	0.69480E-03	202.1
	3	-0.83698E-03	-0.35107E-03	0.90762E-03	247.2
	4	0.53213E-02	0.60217E-03	0.53553E-02	83.5
	5	-0.59403E-03	-0.37786E-03	0.70403E-03	237.5
	6	0.57100E-03	-0.66818E-03	0.87893E-03	139.4
	7	-0.41491E-04	-0.61609E-03	0.61749E-03	183.8
	8	0.13375E-02	0.19935E-03	0.13523E-02	81.5
	9	-0.72947E-04	-0.33990E-03	0.34764E-03	192.1
	10	0.30631E-03	0.31741E-04	0.30795E-03	84.0

MAX= 0.89485E-01 MIN= 0.74455E-01 PEAK TO PEAK/2= 0.75151E-02



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

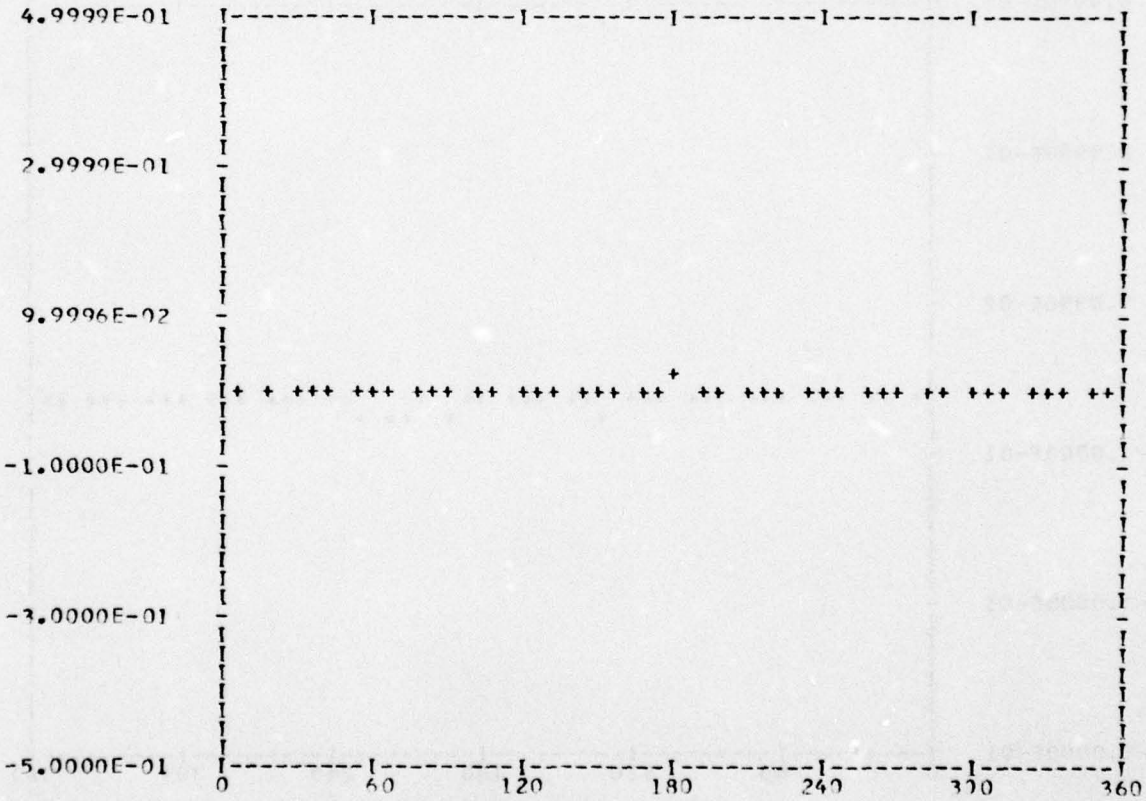
*** PS107.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.35275E-02	1	-0.37901E-02	-0.58241E-03	0.38346E-02	261.2
	2	-0.27985E-03	-0.27106E-02	0.27250E-02	185.8
	3	0.41089E-03	-0.20398E-02	0.20808E-02	168.6
	4	0.16597E-02	-0.45526E-02	0.48457E-02	159.9
	5	-0.85158E-03	-0.81334E-03	0.11775E-02	226.3
	6	-0.68038E-04	-0.56824E-03	0.57230E-03	186.8
	7	-0.40151E-03	-0.36723E-03	0.54412E-03	227.5
	8	0.13658E-03	-0.22599E-02	0.22640E-02	176.5
	9	-0.11289E-03	0.13150E-03	0.17331E-03	319.3
	10	0.18966E-03	-0.33652E-03	0.38629E-03	150.5

MAX= 0.12824E-01 MIN=-0.97287E-02 PEAK TO PEAK/2= 0.11276E-01



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

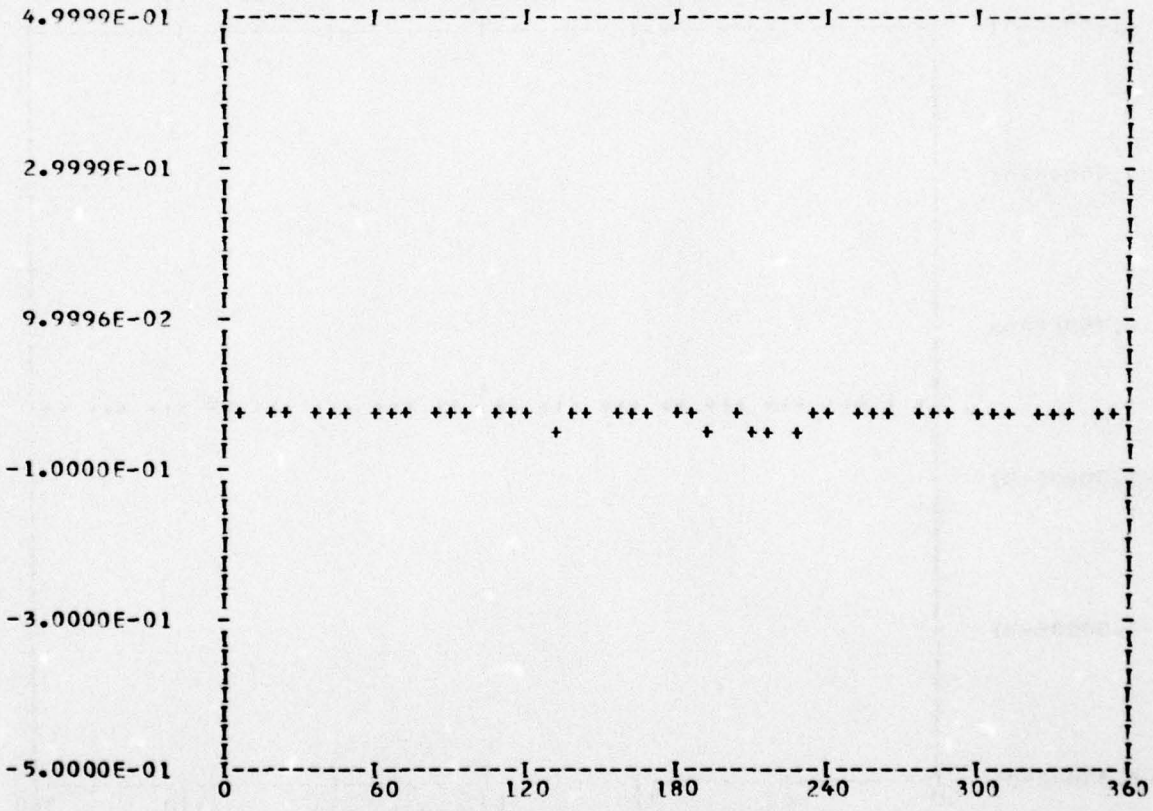
*** PS107.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.31567E-01	1	0.30515E-02	-0.25893E-02	0.40021E-02	130.3
	2	-0.29056E-02	-0.30585E-02	0.42186E-02	223.5
	3	-0.17148E-02	0.96336E-03	0.19669E-02	299.3
	4	0.44742E-03	-0.25932E-02	0.26316E-02	170.2
	5	-0.86929E-03	0.97478E-03	0.13060E-02	318.2
	6	0.28478E-03	-0.57578E-03	0.64236E-03	153.6
	7	-0.46740E-03	0.11512E-03	0.48137E-03	283.8
	8	-0.17769E-02	0.25715E-03	0.17954E-02	278.2
	9	0.20091E-03	0.68407E-03	0.71296E-03	16.3
	10	0.78610E-03	-0.37567E-03	0.87126E-03	115.5

MAX=-0.21425E-01 MIN=-0.42715E-01 PEAK TO PEAK/2= 0.10644E-01



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

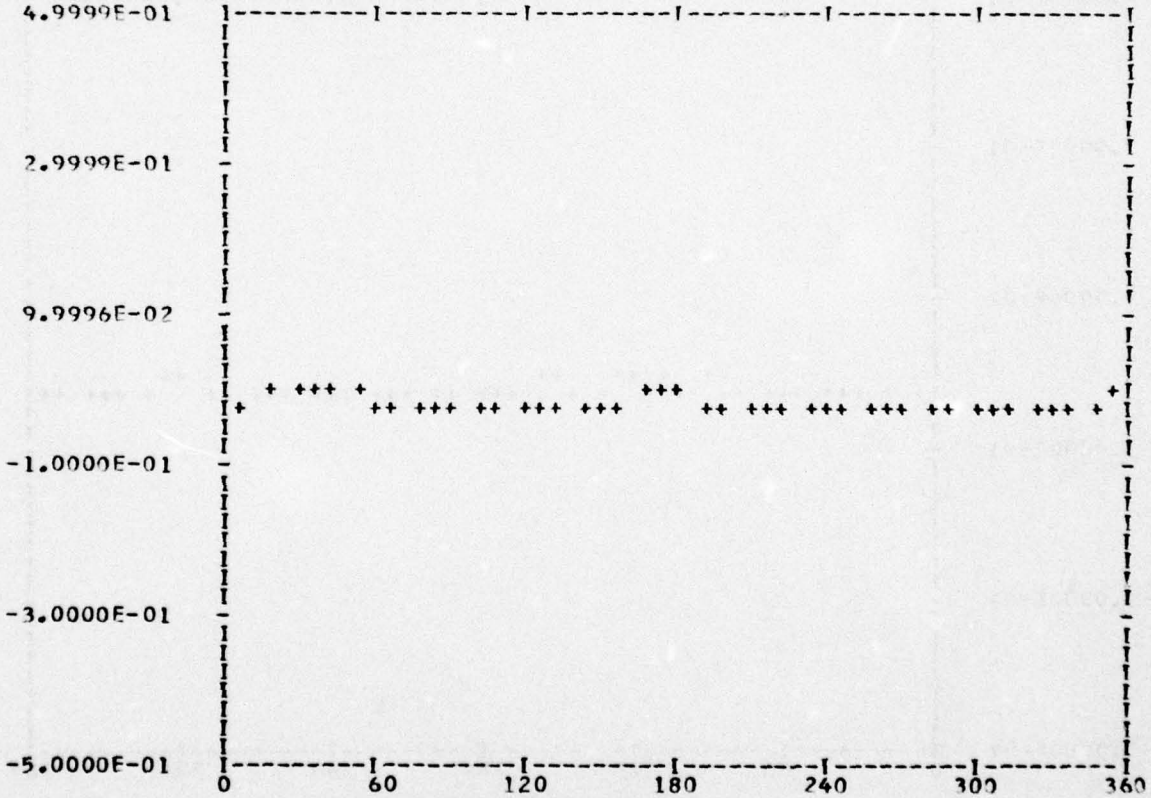
*** PS107.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16477E-01	1	0.25979E-02	0.60066E-03	0.26664E-02	76.9
	2	0.50014E-02	0.11255E-02	0.51265E-02	77.3
	3	-0.71301E-03	0.26565E-02	0.27506E-02	344.9
	4	0.23381E-02	-0.41701E-03	0.23750E-02	100.1
	5	-0.85853E-03	0.94062E-03	0.12735E-02	317.6
	6	-0.39402E-03	-0.27570E-02	0.27850E-02	188.1
	7	0.12446E-03	0.61412E-03	0.62660E-03	11.4
	8	-0.58217E-03	-0.87982E-03	0.10549E-02	213.4
	9	0.21622E-03	-0.18774E-03	0.28636E-03	130.9
	10	0.46032E-03	-0.40370E-03	0.61226E-03	131.2

MAX=-0.26661E-02 MIN=-0.25392E-01 PEAK TO PEAK/2= 0.11362E-01



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

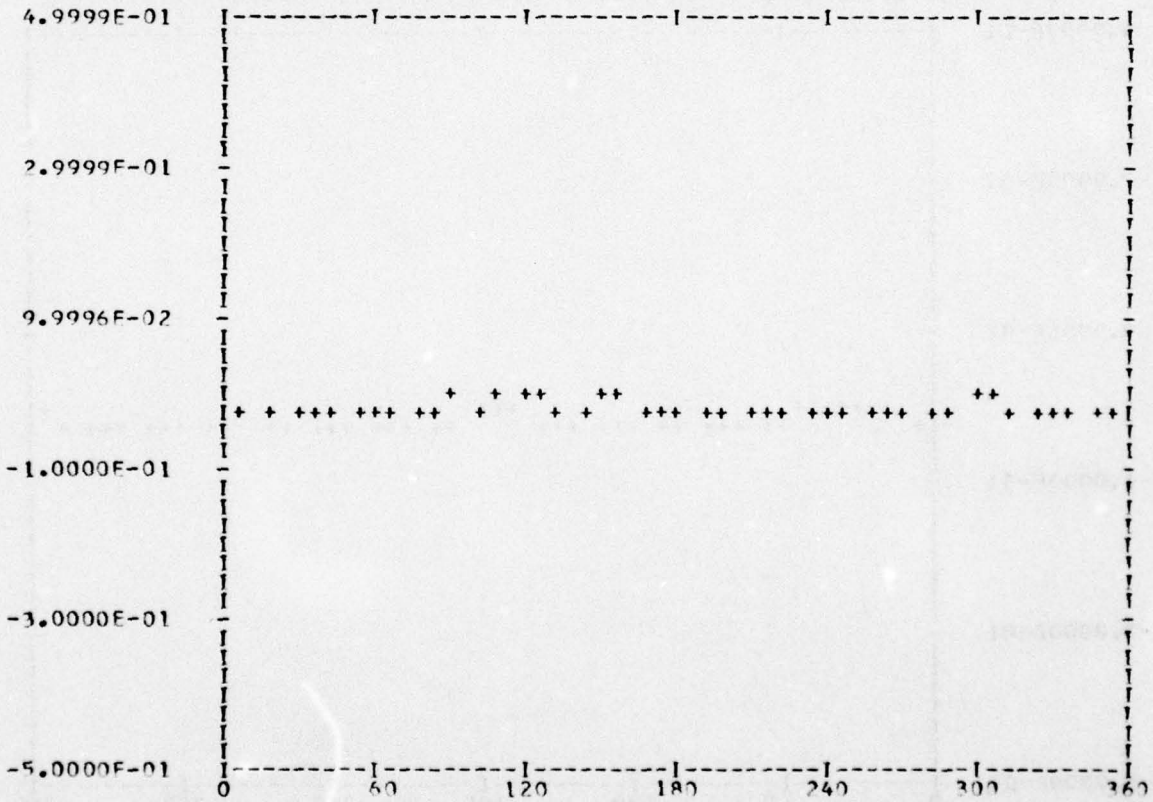
*** PS107.4 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.19479E-01	1	-0.45894E-02	-0.18090E-03	0.45930E-02	267.7
	2	-0.42852E-02	-0.64232E-02	0.77214E-02	213.7
	3	0.67605E-03	-0.21022E-02	0.22083E-02	162.1
	4	0.71814E-03	-0.50838E-04	0.71993E-03	94.0
	5	0.11287E-03	0.56684E-03	0.57797E-03	11.2
	6	0.28417E-03	-0.32511E-03	0.43180E-03	138.8
	7	0.12359E-04	-0.15133E-02	0.15134E-02	179.5
	8	-0.12665E-03	-0.97416E-03	0.98236E-03	187.4
	9	-0.39406E-03	-0.12338E-02	0.12952E-02	197.7
	10	0.32843E-03	0.16687E-03	0.36840E-03	63.0

MAX=-0.61656E-02 MIN=-0.35923E-01 PEAK TO PEAK/2= 0.14878E-01



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

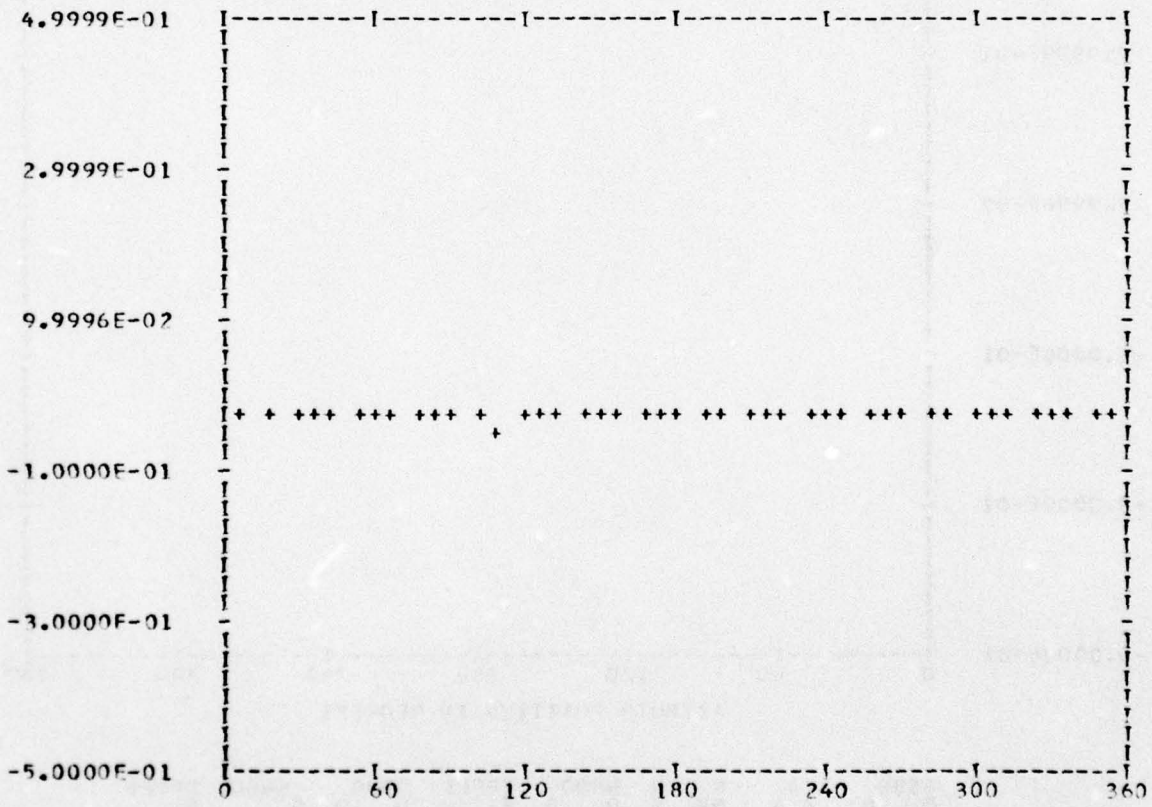
*** PS107.5 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28129E-01	1	0.16241E-02	-0.33401E-02	0.37140E-02	154.0
	2	0.15793E-02	0.12621E-03	0.15844E-02	85.4
	3	-0.48334E-03	0.78558E-06	0.48334E-03	270.0
	4	0.15500E-02	-0.36017E-03	0.15913E-02	103.0
	5	-0.28306E-03	-0.24757E-03	0.37605E-03	228.8
	6	0.18689E-03	-0.64196E-04	0.19761E-03	108.9
	7	-0.69379E-04	0.79754E-04	0.10570E-03	318.9
	8	-0.79482E-04	-0.19873E-02	0.19889E-02	182.2
	9	0.50230E-03	-0.41214E-03	0.64975E-03	129.3
	10	-0.24106E-03	-0.42655E-04	0.24480E-03	259.9

MAX=-0.21424E-01 MIN=-0.41568E-01 PEAK TO PEAK/2= 0.10071E-01



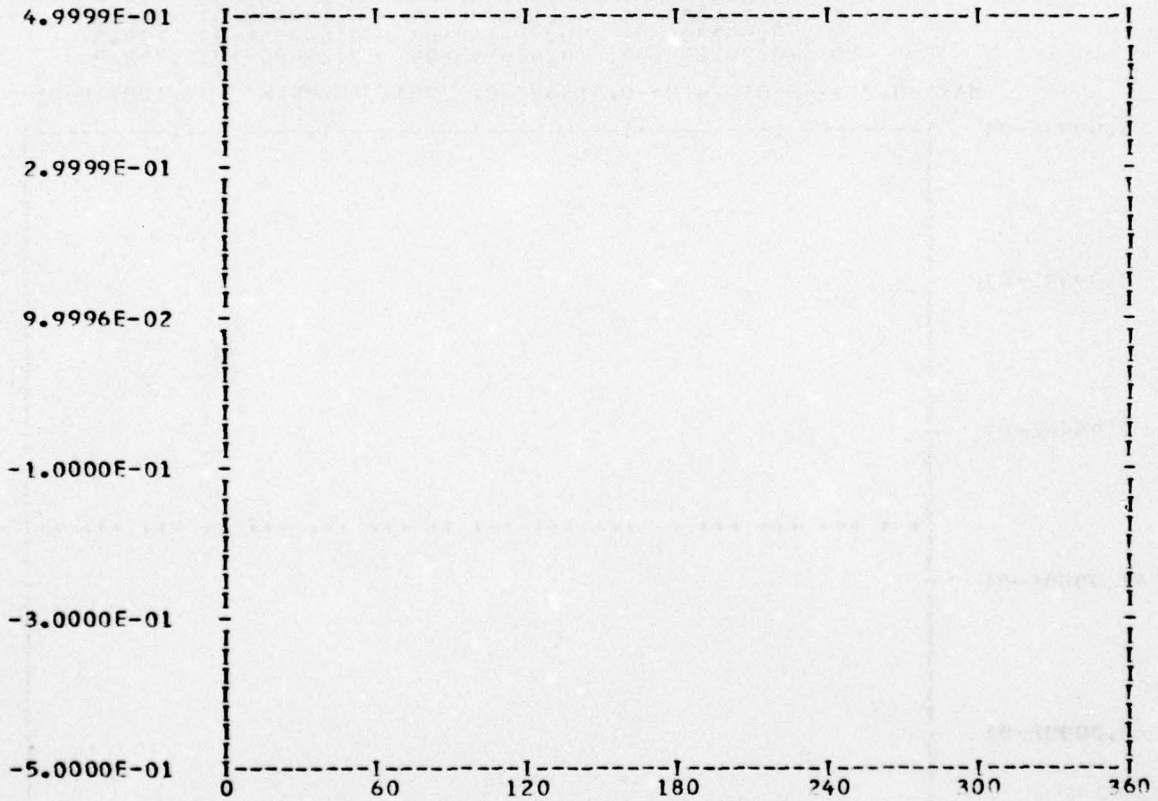
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS107.6 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	17
ENTERED	44	TP	3
OUT OF RANGE	44	MEAN	50
BANDEDGE	44		

HARMONIC ANALYSIS SKIPPED

MAX= 0.10758E 01 MIN= 0.53790E 00 PEAK TO PEAK/2= 0.26895E 00

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B   B  AAAAA  N  NN  D   D  E      D   D  G   G  E
BBBB   A   A  N   N  DDDD   EEEEE  DDDD    GGGG  EEEEE
```

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

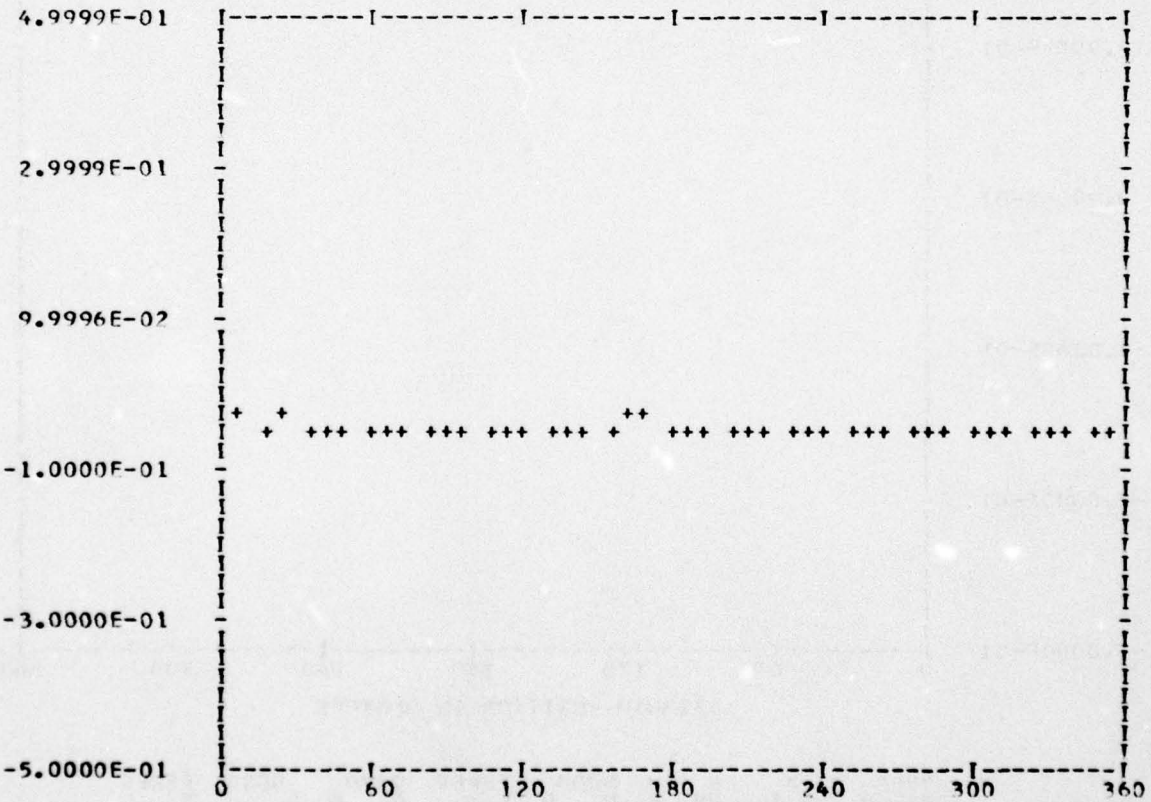
*** PS112.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.43547E-01	1	0.15154E-02	0.37683E-02	0.40616E-02	21.9
	2	0.22006E-02	-0.17073E-02	0.27853E-02	127.8
	3	0.52435E-03	0.30346E-02	0.30796E-02	9.9
	4	-0.66645E-03	-0.15858E-02	0.17202E-02	202.7
	5	0.32937E-03	0.89249E-03	0.95133E-03	20.2
	6	-0.11549E-03	0.13577E-03	0.17824E-03	319.6
	7	-0.21105E-04	0.10605E-02	0.10607E-02	358.8
	8	-0.68750E-03	0.57768E-03	0.89799E-03	310.0
	9	0.60892E-03	0.86665E-03	0.10591E-02	35.0
	10	0.60068E-03	0.59808E-03	0.84766E-03	45.1

MAX=-0.32196E-01 MIN=-0.52468E-01 PEAK TO PEAK/2= 0.10136E-01



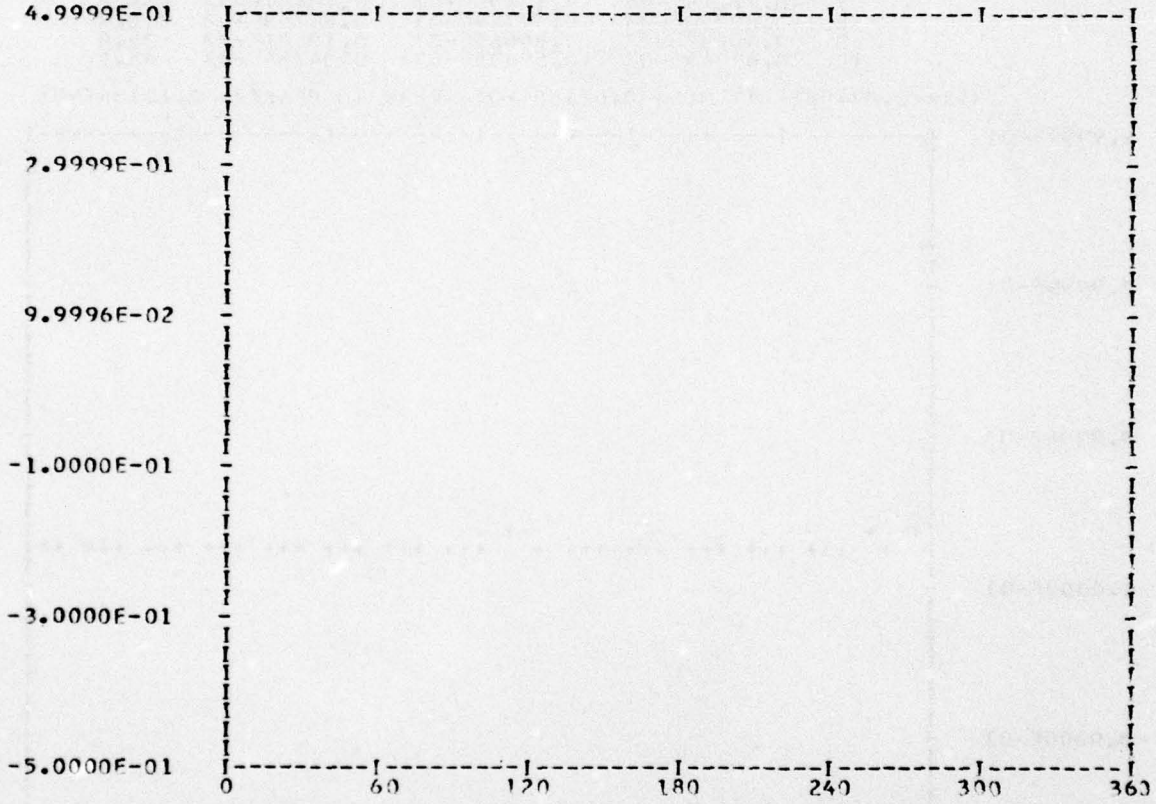
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS112.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	17
ENTERED	44	TP	3
OUT OF RANGE	44	CHAN	48
BANDEDGE	44		

HARMONIC ANALYSIS SKIPPED

MAX= 0.10643E 01 MIN= 0.53215E 00 PEAK TO PEAK/2= 0.26607E 00



AZIMUTH POSITION IN DEGREES

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

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

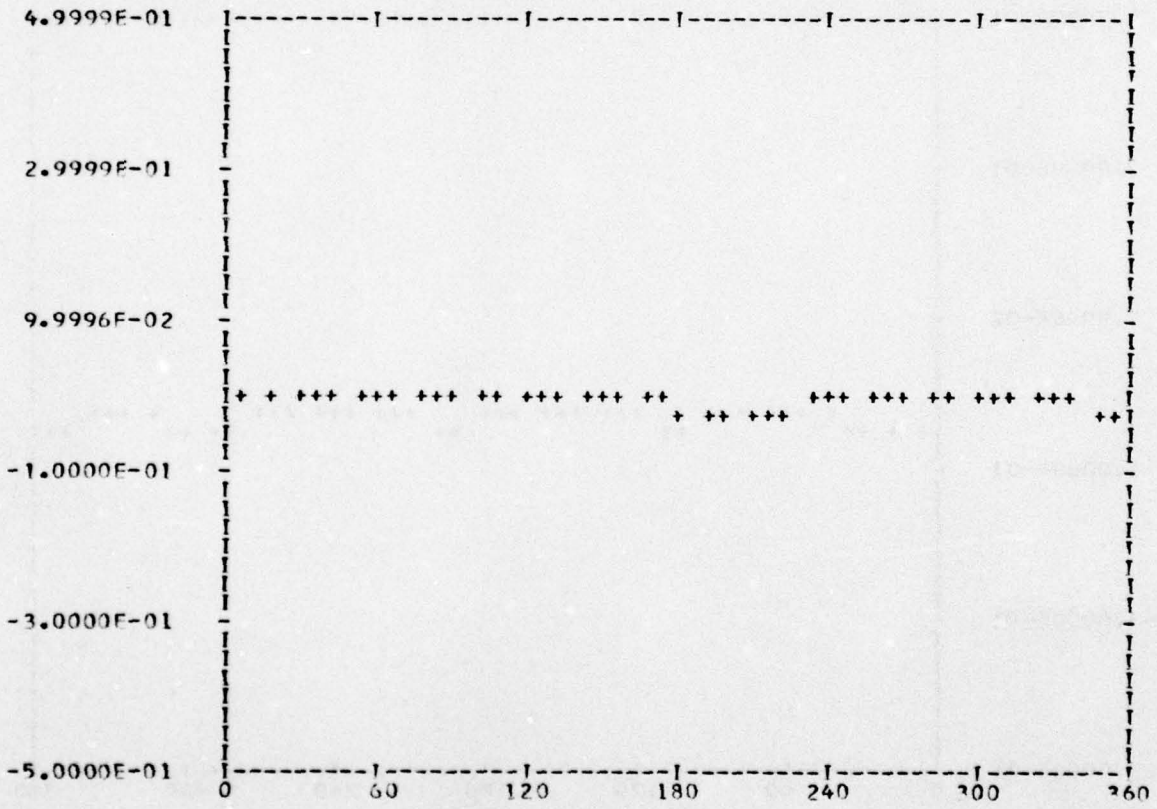
*** PS117.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.71433E-02	1	0.16548E-02	0.60017E-03	0.17603E-02	70.0
	2	-0.36697E-02	-0.49078E-03	0.37024E-02	262.3
	3	0.52432E-03	0.30144E-02	0.30597E-02	9.8
	4	-0.10973E-02	0.32197E-03	0.11436E-02	286.3
	5	-0.99127E-03	0.23608E-02	0.25605E-02	337.2
	6	-0.36174E-03	0.97834E-03	0.10430E-02	339.7
	7	0.13049E-03	0.25603E-03	0.28737E-03	27.0
	8	-0.21824E-03	0.64802E-03	0.68378E-03	341.3
	9	0.93010E-03	0.15983E-02	0.18492E-02	30.1
	10	0.45292E-03	0.11878E-02	0.12712E-02	20.8

MAX=-0.11273E-02 MIN=-0.18293E-01 PEAK TO PEAK/2= 0.85830E-02



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

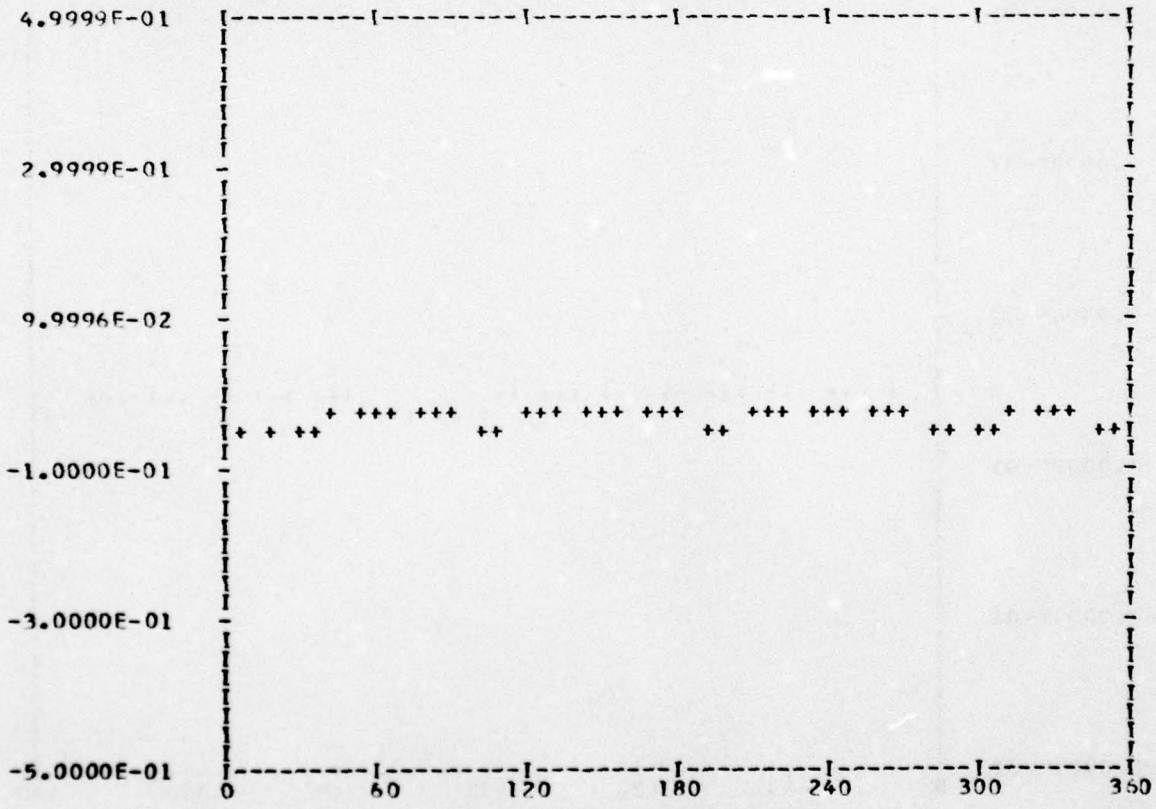
*** PS117.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 3
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.35231E-01	1	-0.34500E-02	0.18494E-02	0.39145E-02	298.1
	2	-0.93499E-03	0.14577E-02	0.17318E-02	327.3
	3	-0.13801E-02	0.52725E-03	0.14774E-02	290.9
	4	-0.38949E-02	-0.30074E-02	0.49209E-02	232.3
	5	-0.25325E-03	0.66811E-03	0.71450E-03	339.2
	6	-0.44645E-03	-0.44735E-04	0.44868E-03	264.2
	7	-0.32214E-03	0.11706E-02	0.12141E-02	344.6
	8	-0.27875E-03	-0.33203E-03	0.43353E-03	220.0
	9	-0.55718E-04	0.41510E-03	0.41883E-03	352.3
	10	-0.36433E-03	0.92127E-03	0.99070E-03	338.4

MAX=-0.27389E-01 MIN=-0.47796E-01 PEAK TO PEAK/2= 0.10203E-01



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

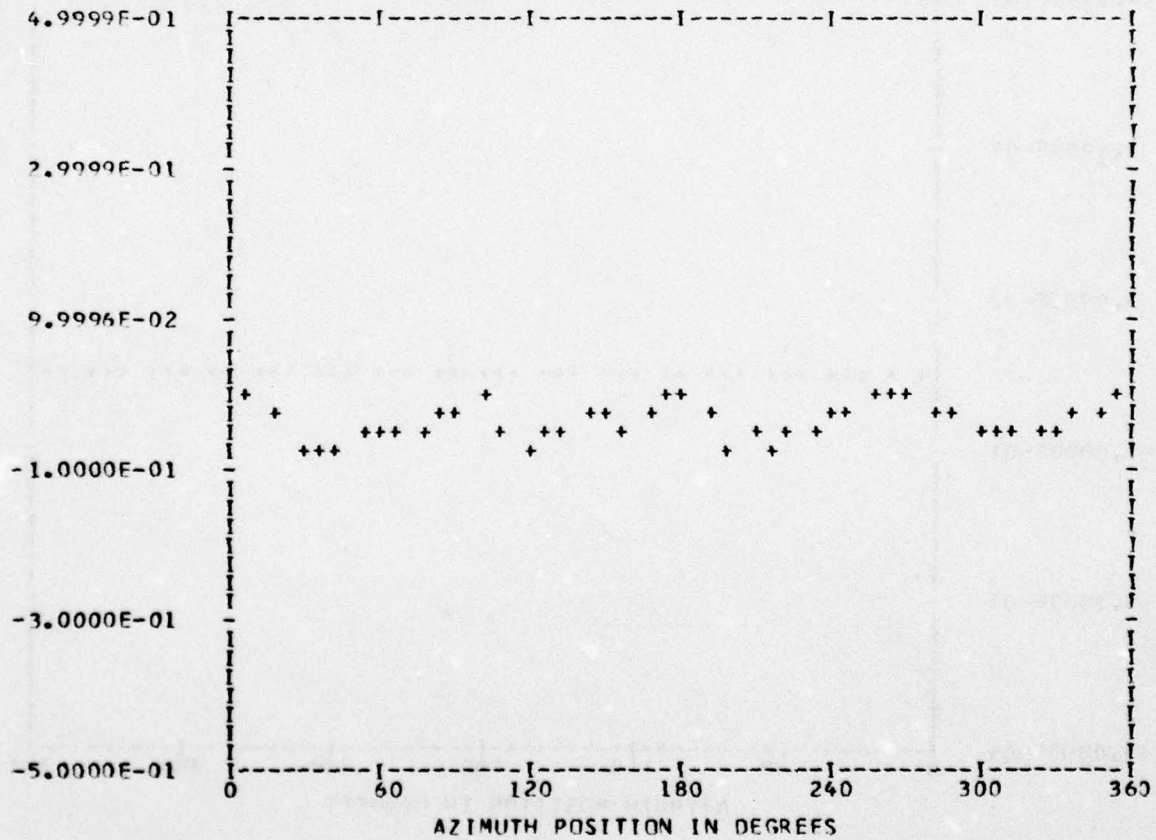
*** PS081.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 3
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.35815E-01	1	-0.36668E-03	-0.52957E-02	0.53083E-02	183.9
	2	0.25588E-02	-0.50903E-02	0.56972E-02	153.3
	3	0.69924E-02	0.16441E-02	0.71831E-02	76.7
	4	0.19387E-01	-0.18204E-01	0.26594E-01	133.1
	5	0.12457E-02	0.14989E-02	0.19490E-02	39.7
	6	0.50200E-02	-0.20757E-02	0.54322E-02	112.4
	7	0.19672E-02	-0.33988E-03	0.19964E-02	99.8
	8	0.13729E-01	-0.27165E-02	0.13995E-01	101.1
	9	0.21681E-03	0.53104E-02	0.53148E-02	2.3
	10	0.10914E-02	-0.13094E-02	0.17047E-02	140.1

MAX= 0.17869E-01 MIN=-0.79364E-01 PEAK TO PEAK/2= 0.48617E-01



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

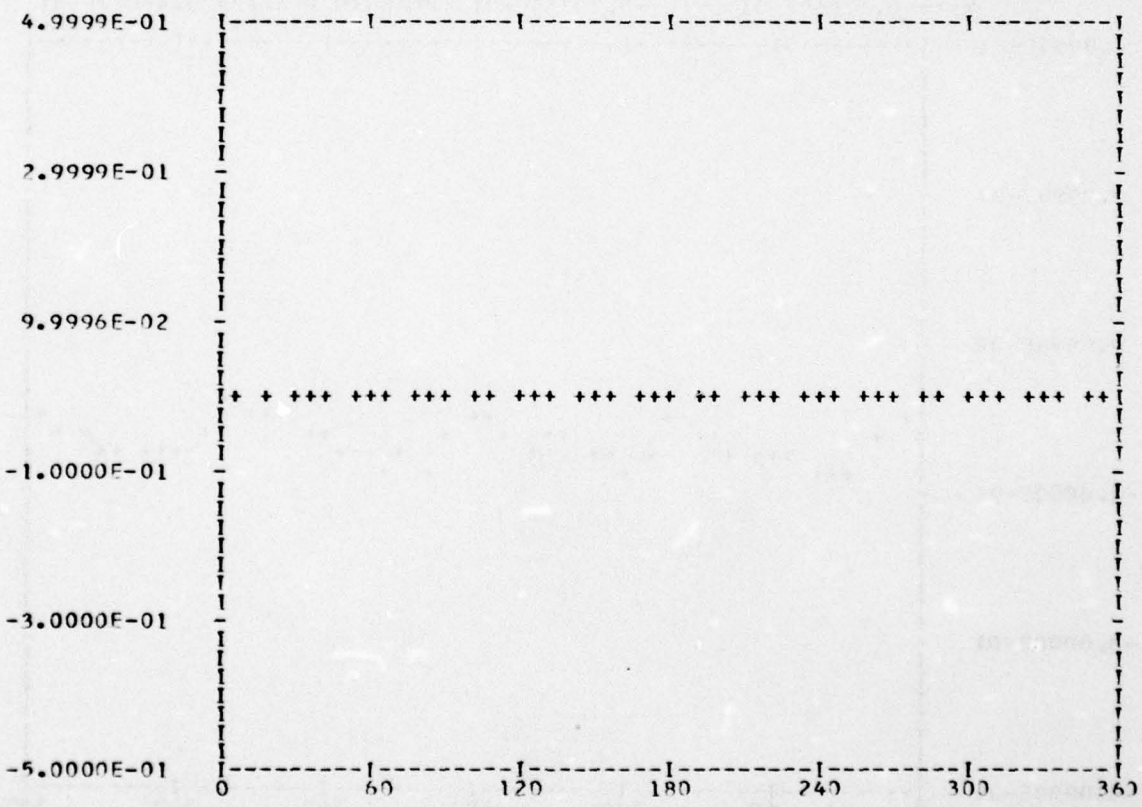
*** PS081.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 3
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14456E-02	1	-0.37535E-04	-0.54460E-04	0.66142E-04	214.5
	2	0.42199E-04	-0.41120E-04	0.58920E-04	134.2
	3	-0.79134E-04	0.22309E-04	0.82219E-04	285.7
	4	-0.20944E-04	0.35352E-04	0.41090E-04	329.3
	5	-0.28241E-05	-0.59400E-04	0.59467E-04	182.7
	6	-0.58979E-05	-0.65136E-04	0.65403E-04	185.1
	7	0.21446E-05	-0.79934E-05	0.82761E-05	164.9
	8	-0.30383E-04	0.24315E-04	0.38915E-04	308.6
	9	-0.73353E-04	0.78754E-04	0.10762E-03	317.0
	10	0.76083E-05	0.61754E-04	0.62221E-04	7.0

MAX=-0.11059E-02 MIN=-0.18195E-02 PEAK TO PEAK/2= 0.35677E-03



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

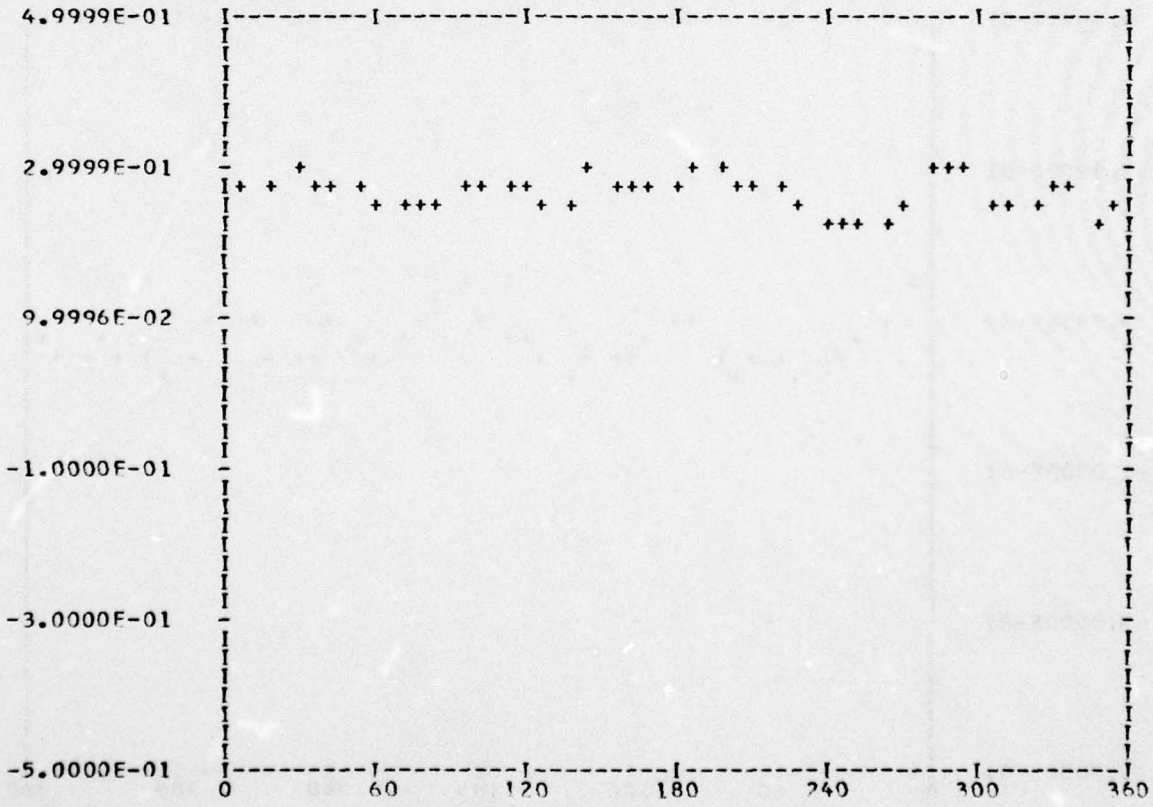
*** PS081.3 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 43
OUT OF RANGE 0
BANDEDGE 0

RUN 18
TP 3
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.26484E 00	1	-0.35587E-02	0.40172E-02	0.53668E-02	318.4
	2	0.63912E-02	-0.49687E-02	0.80955E-02	127.8
	3	-0.91846E-02	0.54291E-02	0.10669E-01	300.5
	4	0.45869E-02	0.16908E-01	0.17519E-01	15.1
	5	-0.18958E-03	-0.98821E-03	0.10062E-02	190.8
	6	-0.92449E-02	-0.27254E-02	0.96382E-02	253.5
	7	-0.29262E-02	0.15575E-02	0.33149E-02	298.0
	8	0.30146E-02	0.90901E-02	0.95769E-02	18.3
	9	-0.22524E-02	0.40418E-02	0.46271E-02	330.8
	10	0.57294E-02	-0.30763E-02	0.65031E-02	118.2

MAX= 0.30561E 00 MIN= 0.21851E 00 PEAK TO PEAK/2= 0.43548E-01



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

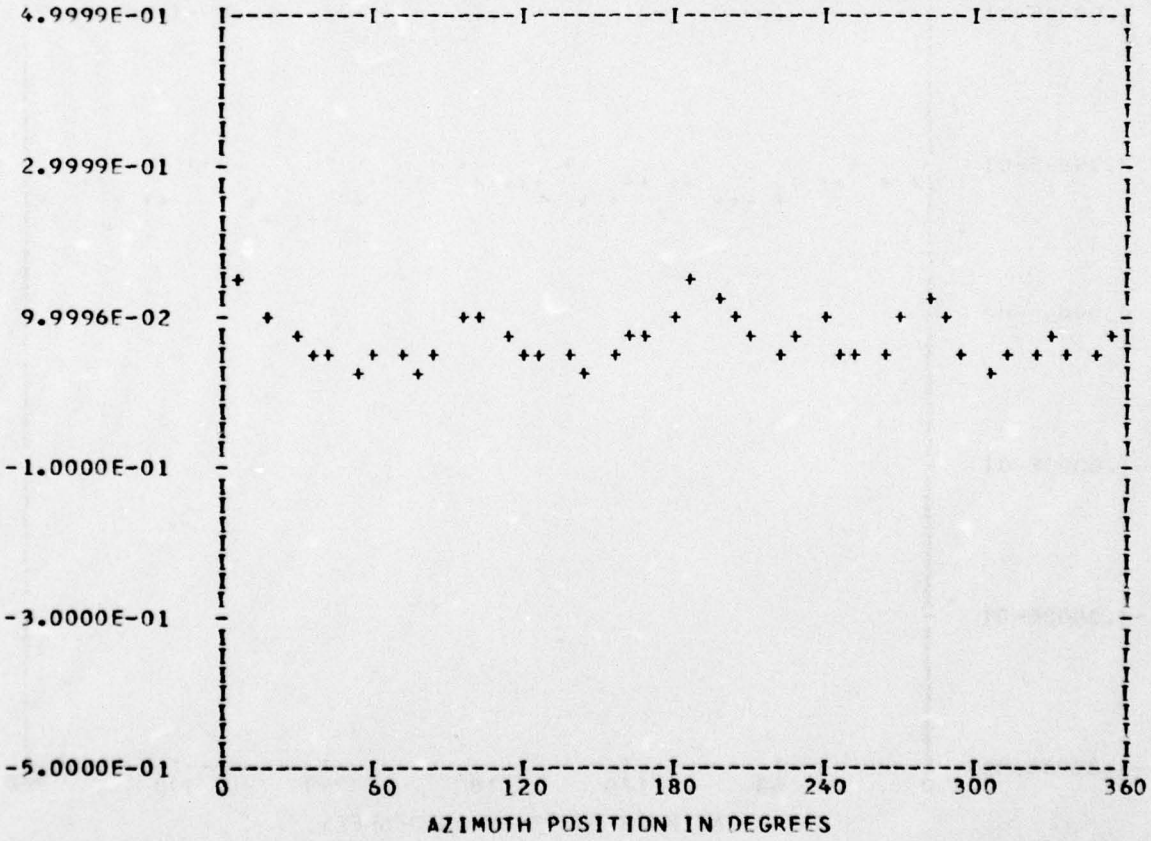
*** PS089.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 43
OUT OF RANGE 0
BANDEDGE 0

RUN 18
TP 3
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.70158E-01	1	-0.46656E-02	-0.68845E-02	0.83165E-02	214.1
	2	0.10661E-01	0.38775E-02	0.11344E-01	70.0
	3	0.62984E-03	0.24288E-03	0.67504E-03	68.9
	4	0.26646E-01	0.12058E-01	0.29247E-01	65.6
	5	-0.55031E-02	0.45691E-02	0.71528E-02	309.7
	6	-0.10771E-02	-0.40147E-02	0.41567E-02	195.0
	7	-0.20668E-02	0.76794E-02	0.79527E-02	344.9
	8	0.10492E-01	0.15892E-01	0.19044E-01	33.4
	9	0.40520E-02	-0.28226E-02	0.49382E-02	124.8
	10	-0.23294E-02	-0.75187E-03	0.24477E-02	252.1

MAX= 0.13964E 00 MIN= 0.14506E-01 PEAK TO PEAK/2= 0.62566E-01



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

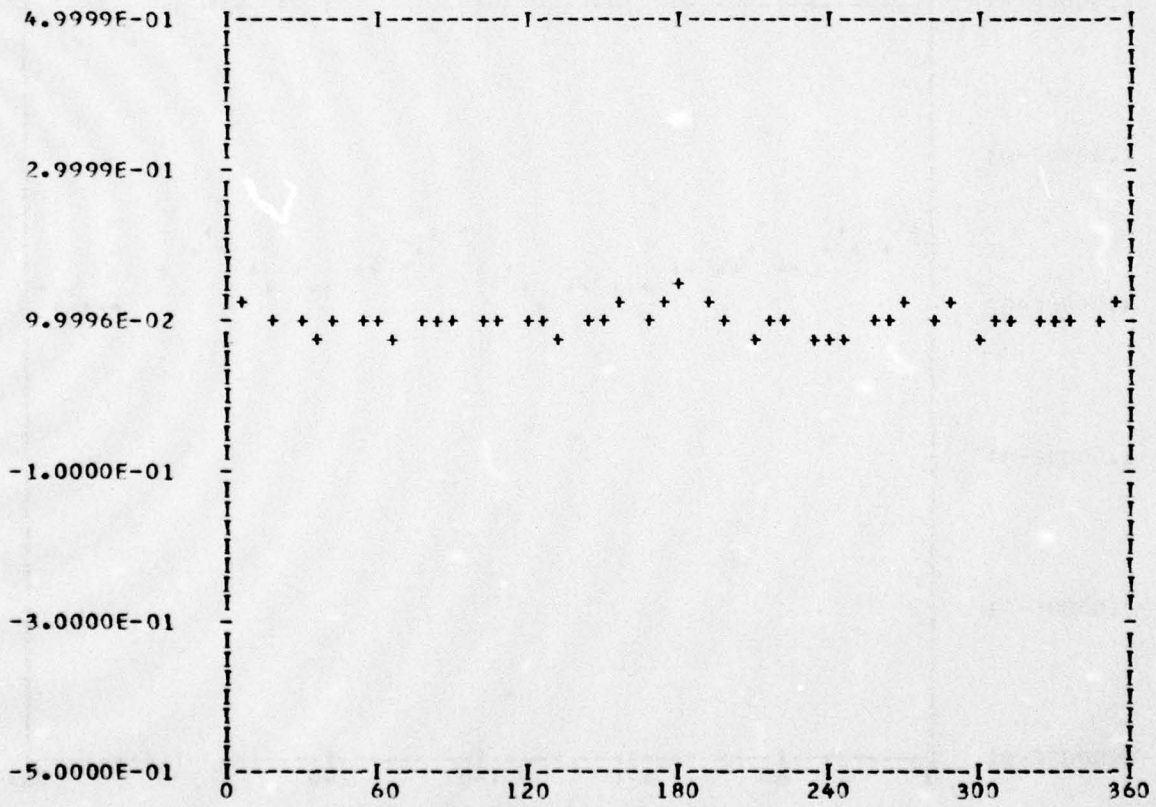
*** PS099.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 3
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.99672E-01	1	-0.16675E-02	-0.44430E-03	0.17257E-02	255.0
	2	0.63401E-02	-0.64547E-02	0.90477E-02	135.5
	3	-0.41400E-02	0.18383E-02	0.45298E-02	293.9
	4	0.14725E-01	-0.45853E-02	0.15422E-01	107.2
	5	-0.42915E-03	-0.11222E-02	0.12015E-02	200.9
	6	0.50093E-03	-0.17995E-02	0.18679E-02	164.4
	7	0.31750E-02	-0.10016E-02	0.33292E-02	107.5
	8	0.64964E-02	-0.37655E-02	0.75088E-02	120.0
	9	-0.69947E-03	-0.13650E-02	0.15338E-02	207.1
	10	0.17645E-02	-0.16726E-02	0.24313E-02	133.4

MAX= 0.15017E 00 MIN= 0.71204E-01 PEAK TO PEAK/2= 0.39486E-01



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

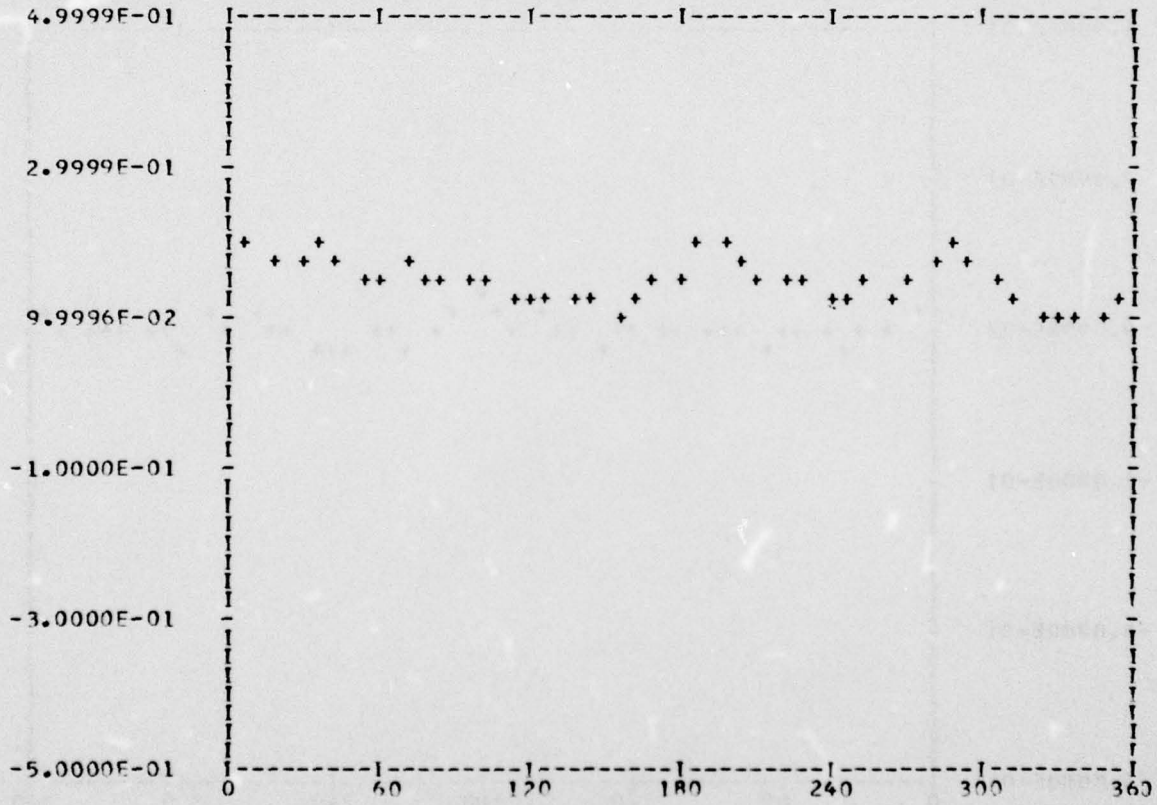
*** PS099.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 43
OUT OF RANGE 0
BANDEDGE 0

RUN 18
TP 3
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.14731E 00	1	0.99711E-03	0.26496E-02	0.28310E-02	20.6
	2	0.14573E-02	0.20869E-01	0.20920E-01	3.9
	3	-0.14157E-01	0.99511E-02	0.17304E-01	305.1
	4	0.15271E-01	0.20305E-01	0.25407E-01	36.9
	5	0.87343E-03	0.14196E-02	0.16667E-02	31.6
	6	0.50502E-02	0.69806E-03	0.50982E-02	82.1
	7	-0.41649E-02	-0.17958E-02	0.45356E-02	246.6
	8	0.40225E-02	0.47081E-02	0.61925E-02	40.5
	9	0.17059E-02	0.45508E-03	0.17656E-02	75.0
	10	0.42578E-02	0.76249E-03	0.43255E-02	79.3

MAX= 0.20732E 00 MIN= 0.95186E-01 PEAK TO PEAK/2= 0.56067E-01



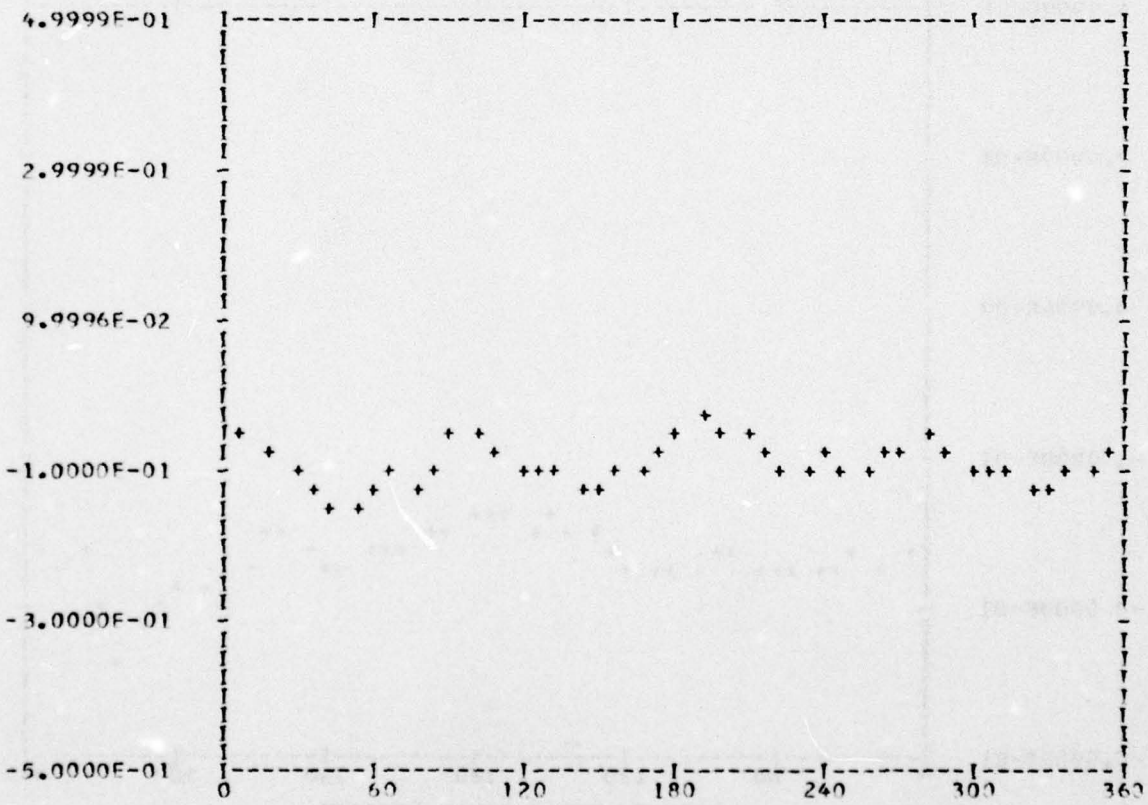
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS099.3 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***				RUN	18
ENTERED	44			TP	3
OUT OF RANGE	0			CHAN	51
BANDEDGE	0				

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.92715E-01	1	-0.11554E-01	-0.77689E-02	0.13923E-01	236.0
	2	0.48665E-02	-0.92012E-03	0.49528E-02	100.7
	3	0.10170E-02	-0.76600E-02	0.77273E-02	172.4
	4	0.28968E-01	0.73640E-02	0.29889E-01	75.7
	5	0.40400E-02	-0.63628E-04	0.40405E-02	90.9
	6	0.37752E-02	0.21825E-02	0.43607E-02	59.9
	7	0.21250E-02	0.58250E-04	0.21258E-02	88.4
	8	0.72902E-02	0.64552E-02	0.97374E-02	48.4
	9	-0.11567E-02	0.10487E-02	0.15613E-02	312.1
	10	-0.22194E-02	-0.41263E-03	0.22574E-02	259.4

MAX=-0.34305E-01 MIN=-0.15078E 00 PEAK TO PEAK/2= 0.58242E-01



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

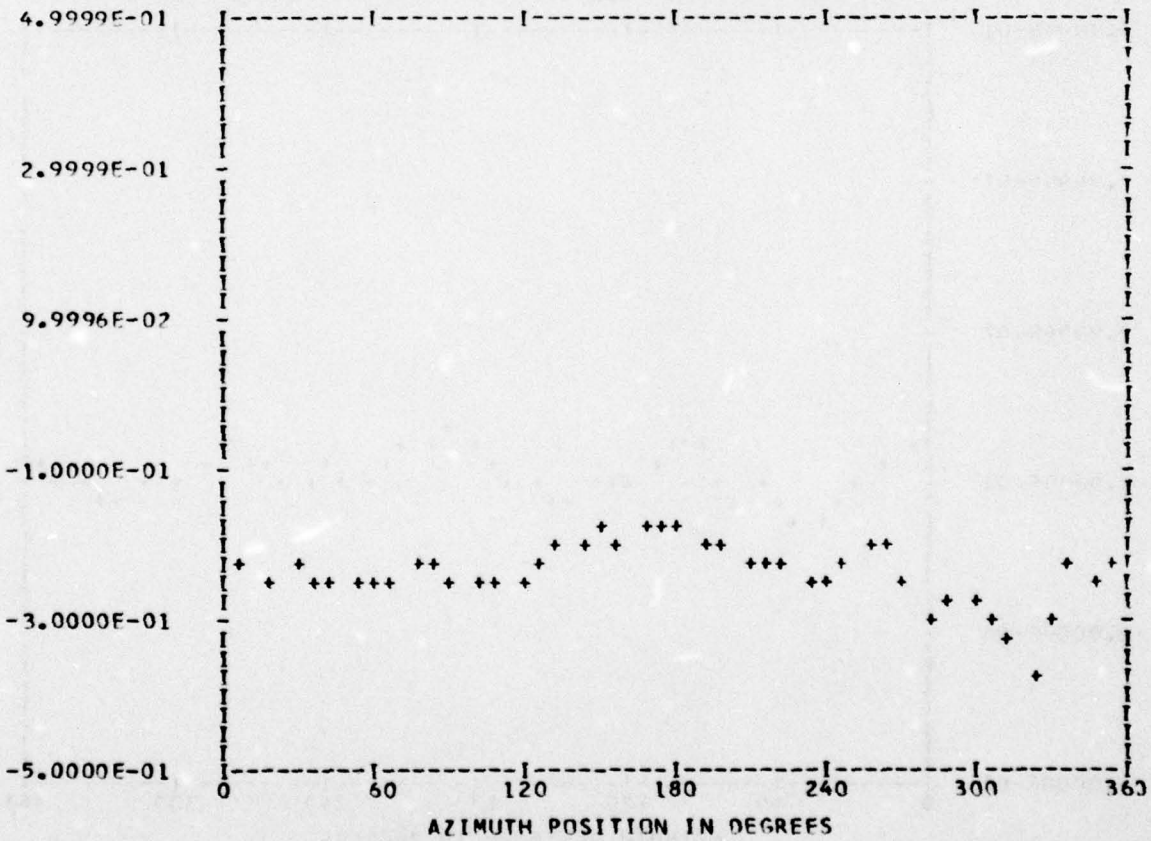
*** PS107.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 3
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23413E 00	1	-0.32261E-01	0.17644E-01	0.36770E-01	298.6
	2	0.20920E-01	0.63215E-02	0.21855E-01	73.1
	3	0.17056E-01	0.11872E-01	0.20781E-01	55.1
	4	0.12053E-01	-0.16600E-01	0.20514E-01	144.0
	5	0.18215E-02	-0.87654E-02	0.89527E-02	168.2
	6	0.29827E-02	-0.33137E-04	0.29829E-02	90.6
	7	-0.56241E-02	-0.62569E-02	0.84130E-02	221.9
	8	-0.89944E-02	-0.17623E-02	0.91654E-02	258.9
	9	-0.27720E-02	0.83143E-02	0.87642E-02	341.5
	10	0.81607E-02	0.22458E-02	0.84641E-02	74.6

MAX=-0.17069E 00 MIN=-0.37416E 00 PEAK TO PEAK/2= 0.10173E 00



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

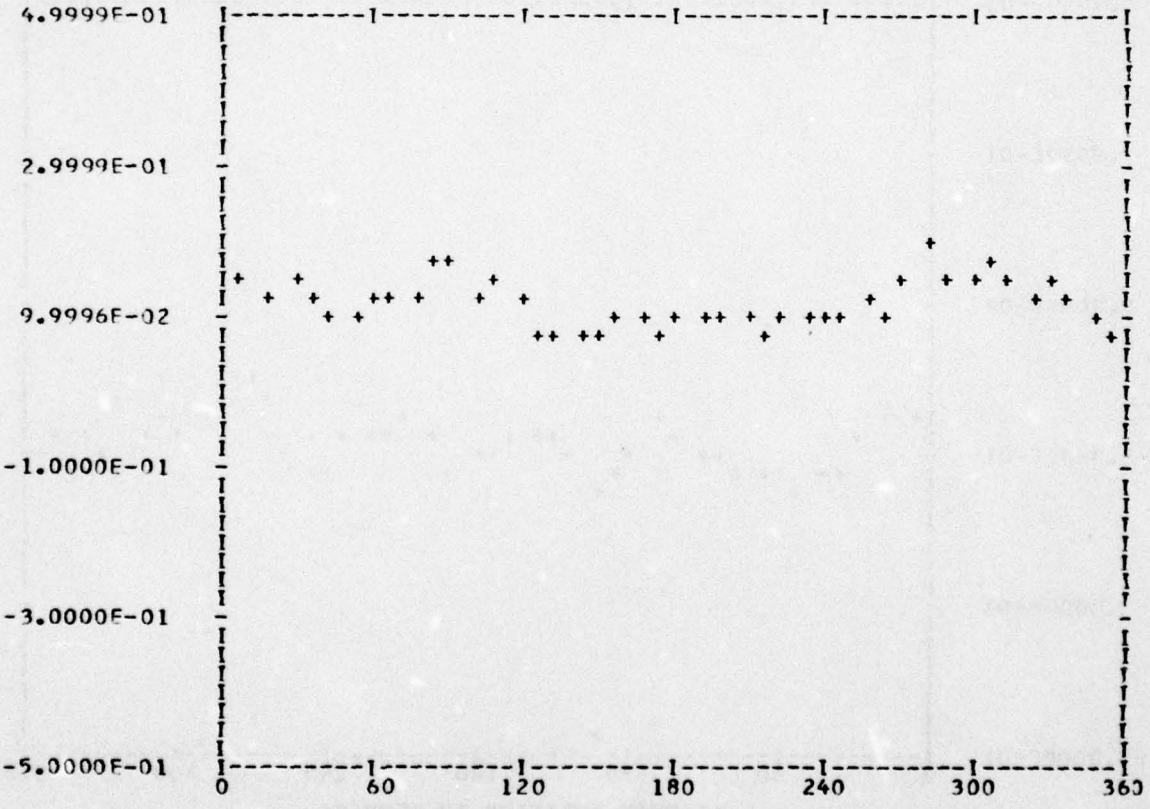
*** PS107.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 3
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.11907E 00	1	0.21257E-01	-0.79444E-02	0.22693E-01	110.4
	2	-0.19148E-01	0.19915E-03	0.19149E-01	270.5
	3	-0.12537E-01	-0.21706E-02	0.12724E-01	260.1
	4	0.15290E-01	0.22467E-02	0.15455E-01	81.6
	5	0.57858E-02	0.82383E-02	0.10067E-01	35.0
	6	-0.33860E-02	0.62781E-02	0.71330E-02	331.6
	7	0.68019E-03	0.16688E-03	0.70036E-03	76.2
	8	0.44984E-02	0.48200E-02	0.65930E-02	43.0
	9	-0.25696E-03	-0.37202E-02	0.37291E-02	183.9
	10	0.31561E-02	0.31551E-02	0.44627E-02	45.0

MAX= 0.19215E 00 MIN= 0.65428E-01 PEAK TO PEAK/2= 0.63360E-01



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

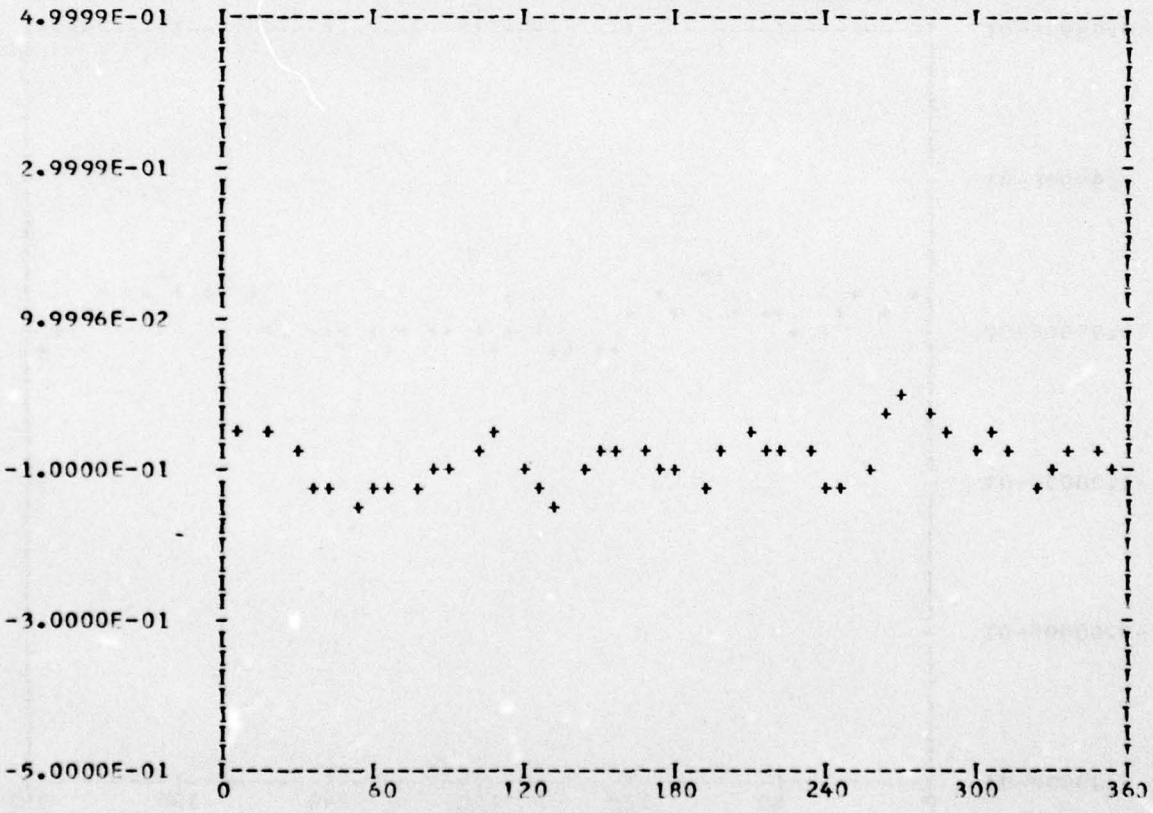
*** PS107.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 3
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.86424E-01	1	-0.16624E-03	-0.19848E-01	0.19849E-01	180.4
	2	-0.34125E-02	-0.87539E-02	0.93955E-02	201.2
	3	0.33674E-02	0.54836E-02	0.64350E-02	31.5
	4	0.21871E-01	0.30256E-02	0.22080E-01	82.1
	5	0.13803E-01	-0.21110E-02	0.13963E-01	98.6
	6	-0.18111E-01	0.45204E-02	0.18666E-01	284.0
	7	0.15896E-01	-0.66020E-03	0.15910E-01	92.3
	8	-0.11105E-02	0.27102E-02	0.29289E-02	337.7
	9	-0.11425E-01	0.20127E-02	0.11601E-01	279.9
	10	-0.41262E-03	0.75284E-02	0.75397E-02	356.8

MAX= 0.45071E-02 MIN=-0.15793E 00 PEAK TO PEAK/2= 0.81223E-01



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

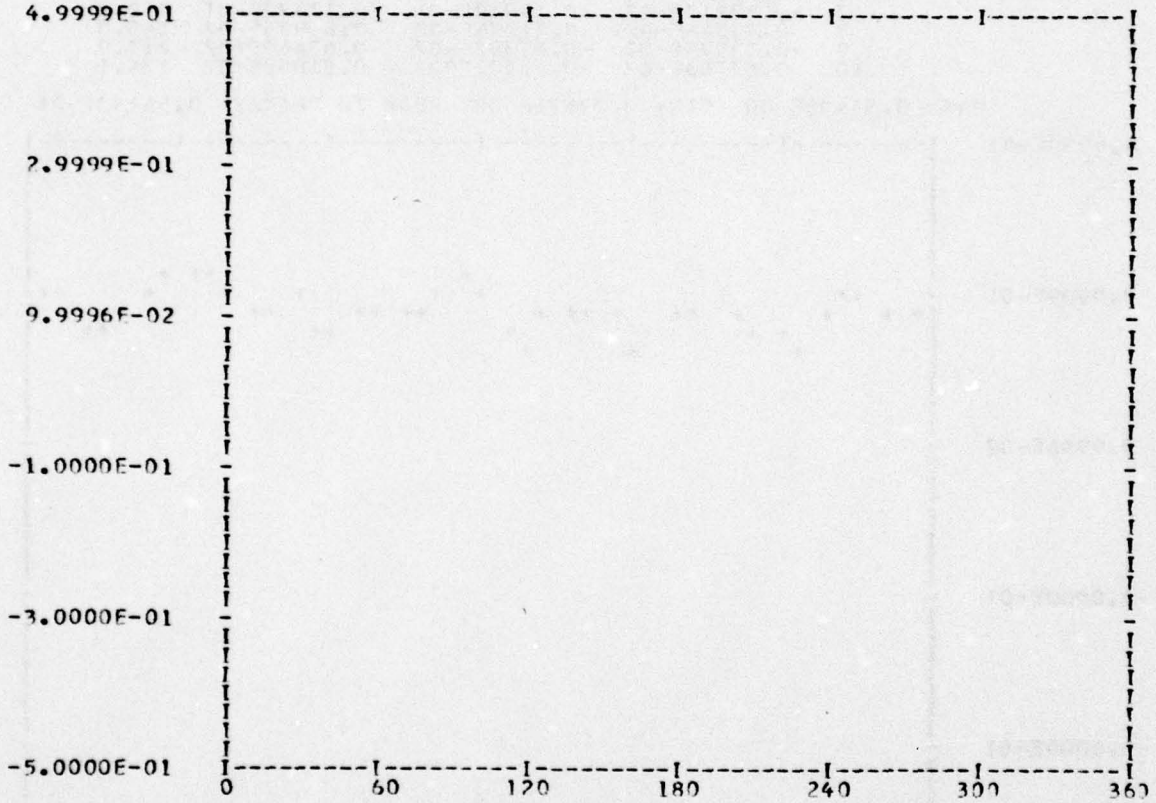
*** PS107.4 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 3
CHAN 52

HARMONIC ANALYSIS SKIPPED

MAX=-0.41732E 00 MIN=-0.63709E 00 PEAK TO PEAK/2= 0.10988E 00



AZIMUTH POSITION IN DEGREES

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

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

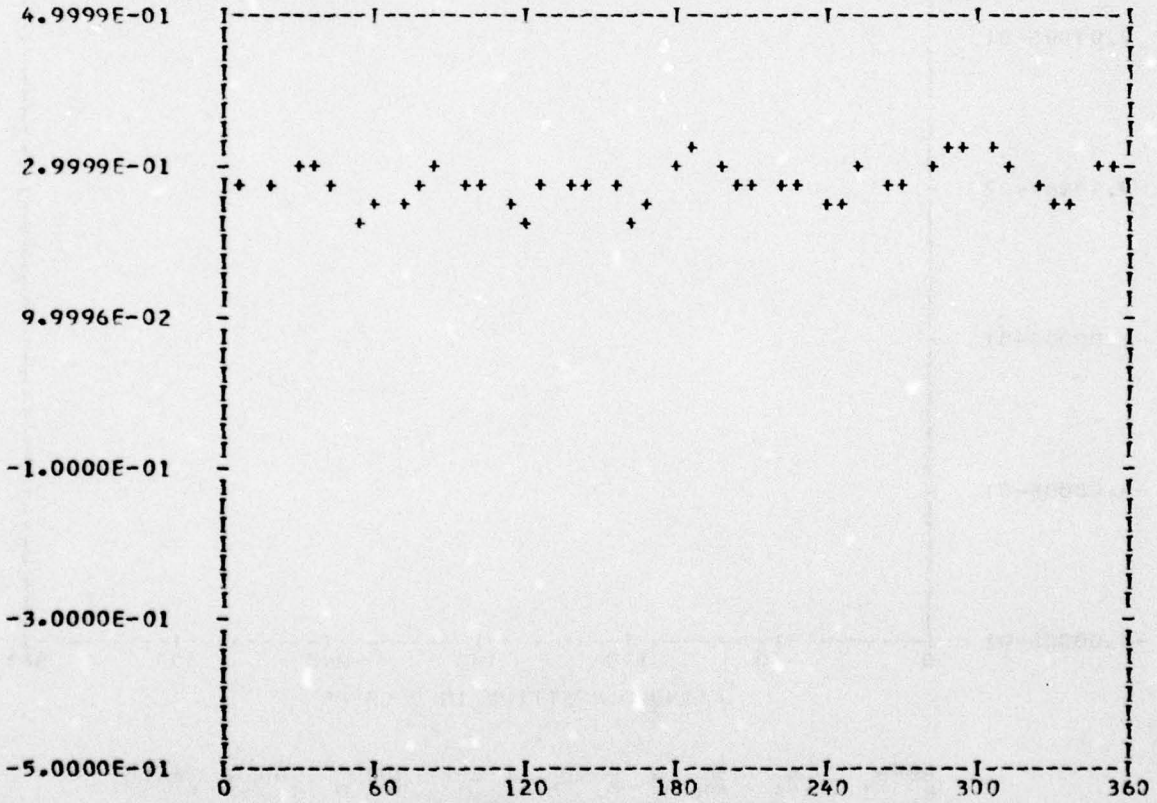
*** PS107.5 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 43
OUT OF RANGE 0
BANDEDGE 0

RUN 18
TP 3
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.27747E 00	1	0.65190E-02	-0.14491E-01	0.15890E-01	155.7
	2	0.98290E-04	-0.42447E-02	0.42458E-02	178.6
	3	-0.71733E-02	0.44115E-02	0.84212E-02	301.5
	4	0.13293E-01	0.12877E-01	0.18508E-01	45.9
	5	0.41320E-02	0.12361E-02	0.43130E-02	73.3
	6	0.30148E-02	0.58639E-02	0.65935E-02	27.2
	7	-0.89217E-02	-0.14912E-01	0.17377E-01	210.8
	8	0.49844E-02	-0.71276E-02	0.86975E-02	145.0
	9	-0.38573E-02	-0.49392E-02	0.62669E-02	217.9
	10	0.67783E-02	-0.45892E-02	0.81858E-02	124.1

MAX= 0.33400E 00 MIN= 0.22571E 00 PEAK TO PEAK/2= 0.54143E-01



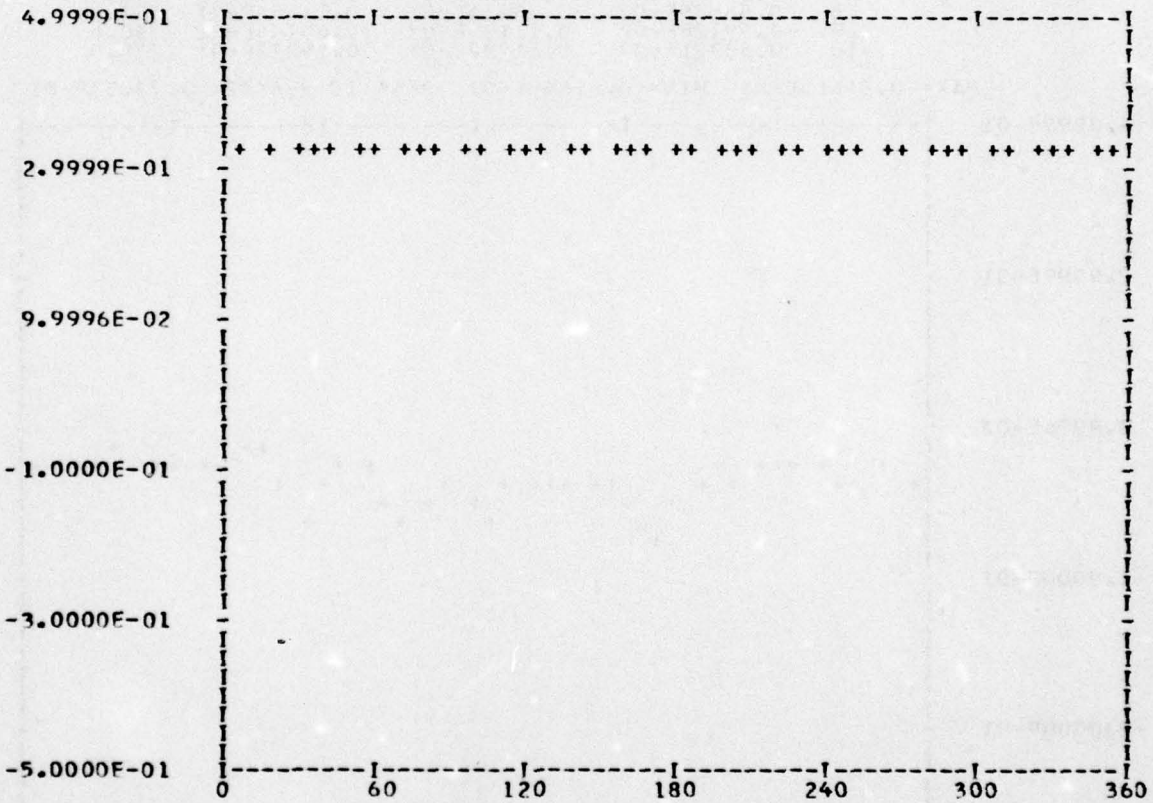
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS107.6 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	18
ENTERED	43	TP	3
OUT OF RANGE	0	CHAN	50
BANDEDGE	43		

HARMONIC ANALYSIS SKIPPED

MAX= 0.33213E 00 MIN= 0.33213E 00 PEAK TO PEAK/2= 0.00000E 00



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

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

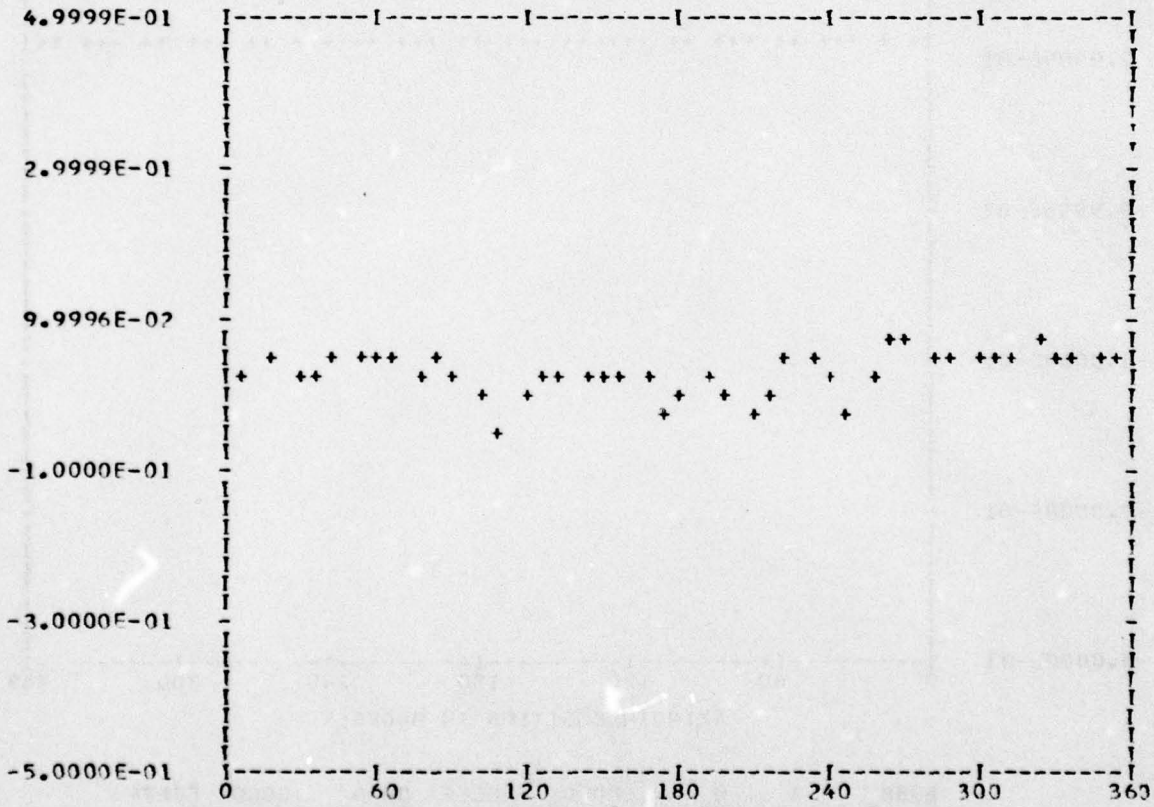
*** PS112.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 3
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.30664E-01	1	0.21307E-01	-0.15727E-01	0.26483E-01	126.4
	2	-0.25644E-02	-0.19220E-02	0.32047E-02	233.1
	3	-0.48758E-02	0.95438E-02	0.10717E-01	332.9
	4	-0.99686E-02	-0.61696E-02	0.11723E-01	238.2
	5	0.58854E-02	-0.92139E-02	0.10933E-01	147.4
	6	-0.12138E-02	0.37360E-02	0.39282E-02	342.0
	7	-0.18430E-02	0.76559E-02	0.78747E-02	346.4
	8	0.56525E-02	-0.13414E-01	0.14558E-01	157.1
	9	-0.59126E-02	0.11125E-02	0.60164E-02	280.6
	10	0.88321E-02	0.11282E-01	0.14328E-01	38.0

MAX= 0.84665E-01 MIN=-0.61440E-01 PEAK TO PEAK/2= 0.73053E-01



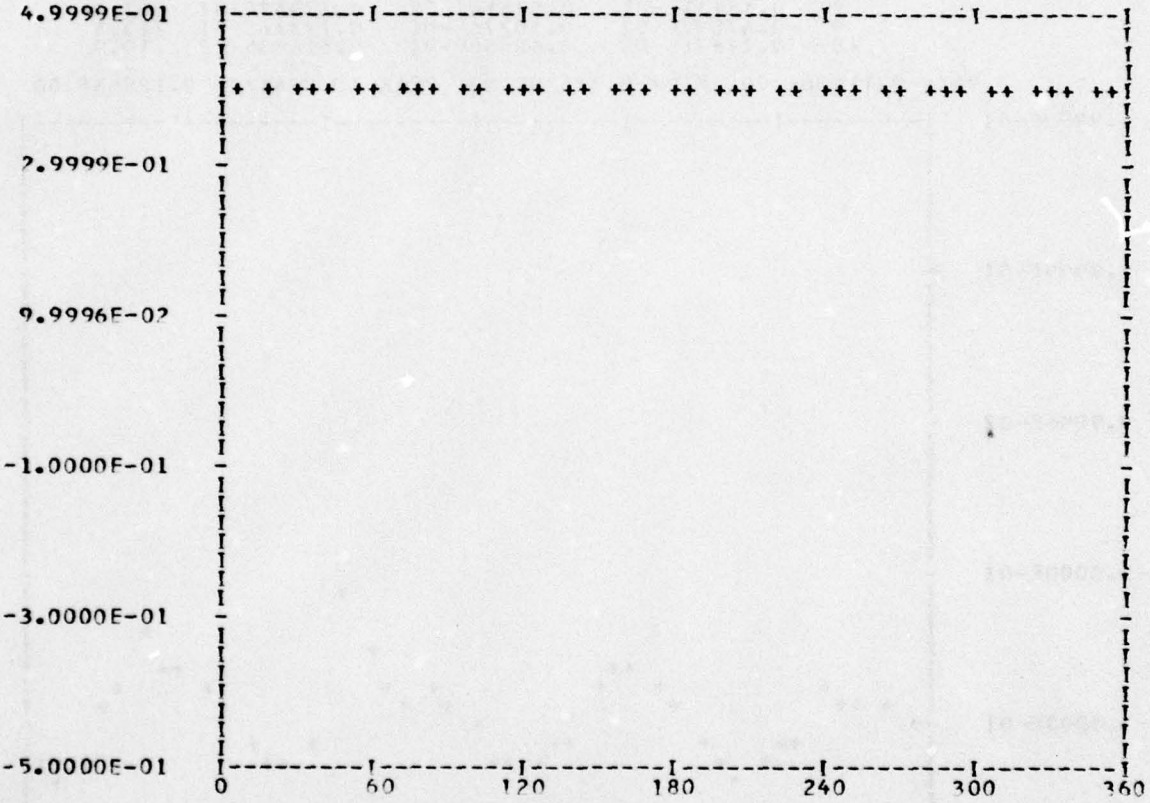
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS112.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			
ENTERED	43	RUN	18
OUT OF RANGE	0	TP	3
BANDEDGE	43	CHAN	48

HARMONIC ANALYSIS SKIPPED

MAX= 0.39589E 00 MIN= 0.39589E 00 PEAK TO PEAK/2= 0.00000E 00



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

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

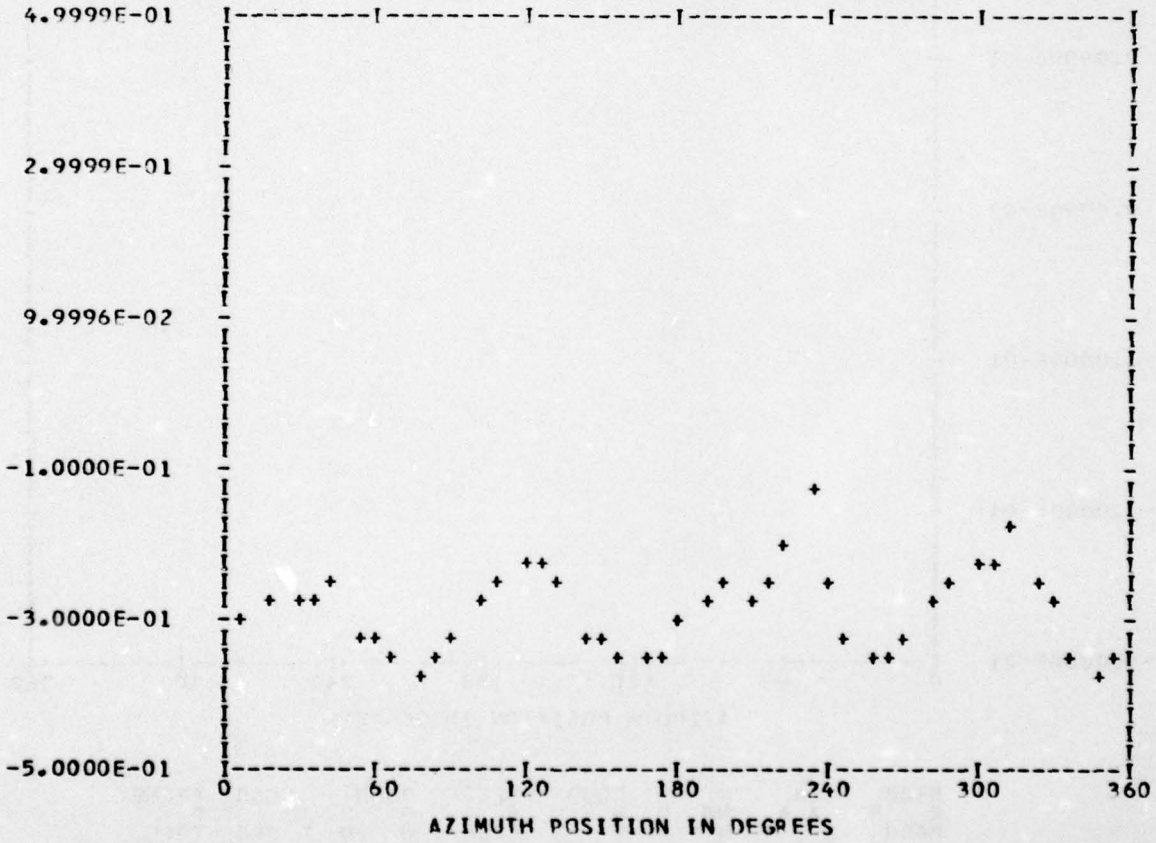
*** PS117.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 3
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28858E 00	1	-0.10833E-01	-0.18271E-01	0.21241E-01	210.6
	2	-0.65571E-02	0.76260E-04	0.65576E-02	270.6
	3	0.17002E-02	-0.16371E-01	0.16459E-01	174.0
	4	-0.15889E-01	0.60568E-01	0.62618E-01	345.3
	5	0.42546E-02	0.14086E-01	0.14714E-01	16.8
	6	0.29510E-02	-0.13370E-01	0.13692E-01	167.5
	7	-0.82045E-03	0.11422E-01	0.11452E-01	355.8
	8	0.17131E-01	-0.53514E-02	0.17947E-01	107.3
	9	-0.67897E-02	-0.10276E-01	0.12316E-01	213.4
	10	0.17671E-02	0.48568E-02	0.51683E-02	19.9

MAX=-0.11606E 00 MIN=-0.37539E 00 PEAK TO PEAK/2= 0.12966E 00



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

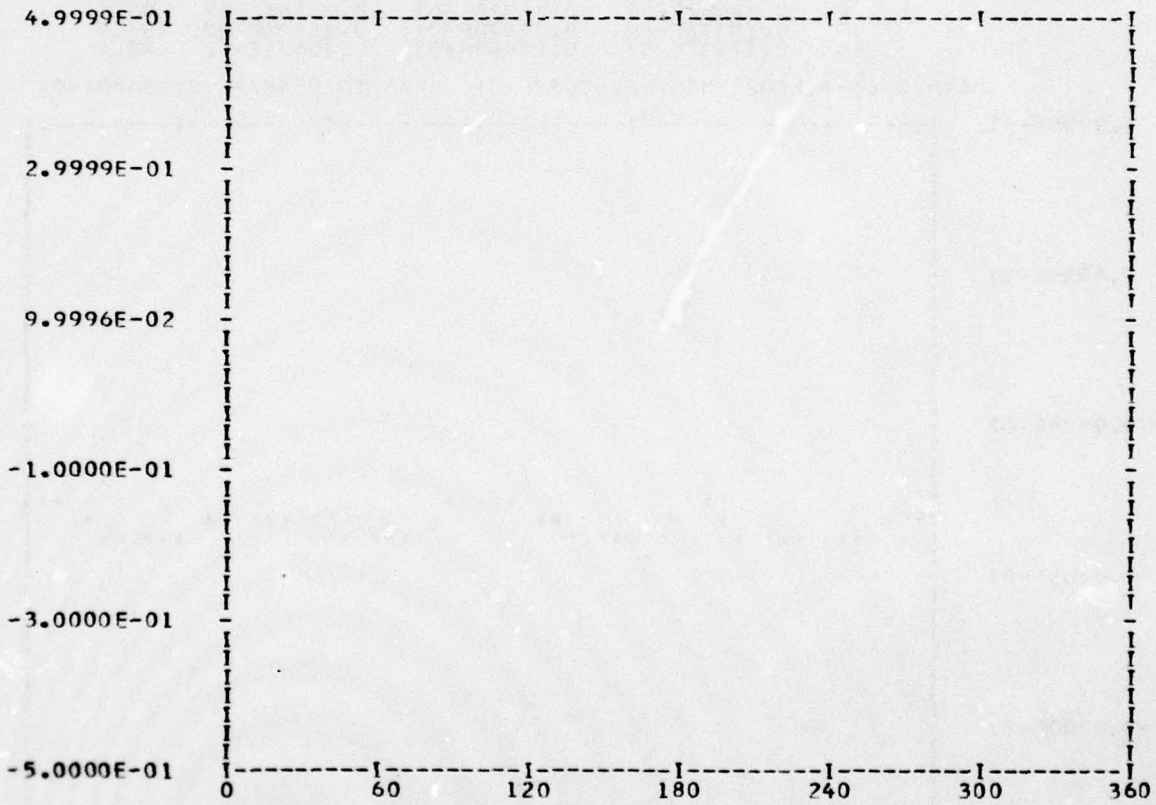
*** PS117.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 44
BANDEDGE 42

RUN 18
TP 3
CHAN 53

HARMONIC ANALYSIS SKIPPED

MAX=-0.54979E 00 MIN=-0.92787E 00 PEAK TO PEAK/2= 0.18903E 00



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

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

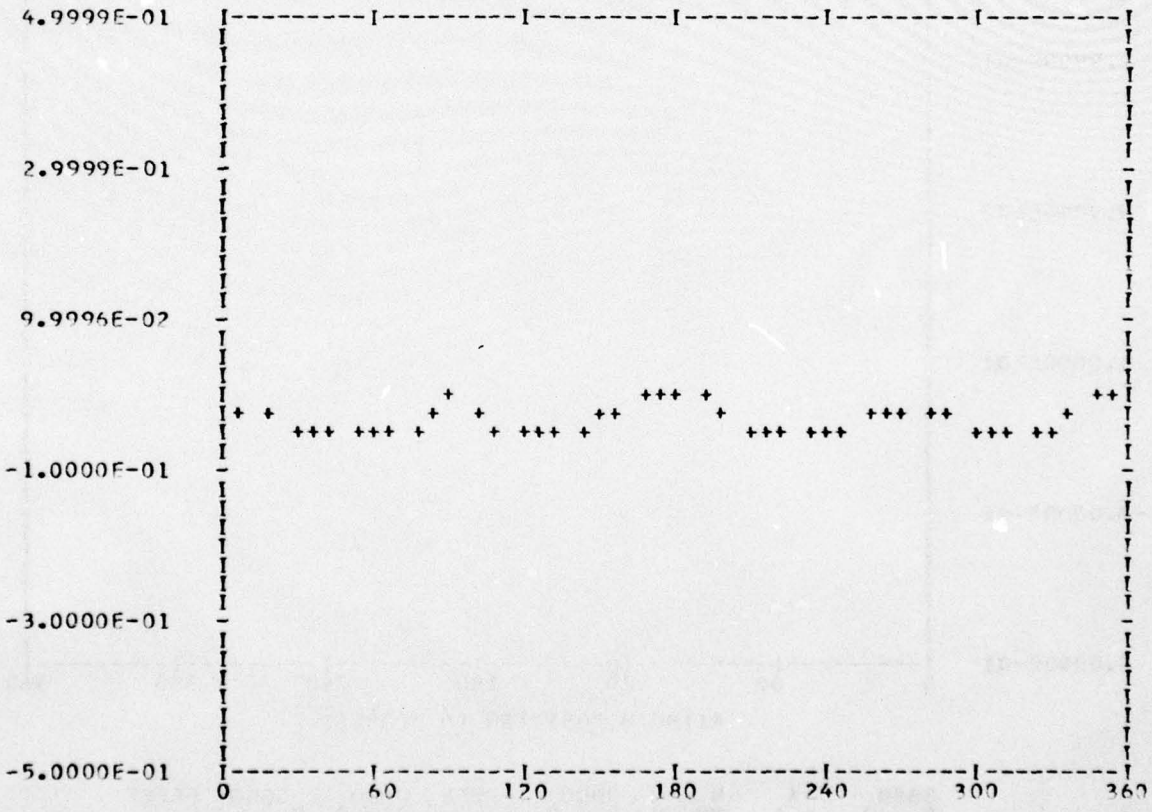
*** PS081.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.33206E-01	1	-0.24632E-02	-0.13951E-02	0.28308E-02	240.4
	2	0.75300E-02	-0.61268E-02	0.97077E-02	129.1
	3	-0.26507E-02	0.20283E-02	0.33377E-02	307.4
	4	0.17828E-01	-0.14670E-01	0.23088E-01	129.4
	5	0.92936E-04	-0.82782E-03	0.83302E-03	173.5
	6	-0.23008E-02	0.24334E-03	0.23136E-02	276.0
	7	0.40831E-04	-0.33828E-02	0.33830E-02	179.3
	8	0.34487E-02	-0.34725E-03	0.34661E-02	95.7
	9	-0.10388E-02	0.23970E-02	0.26124E-02	336.5
	10	0.17922E-02	0.19563E-02	0.26531E-02	42.4

MAX= 0.63467E-02 MIN=-0.60632E-01 PEAK TO PEAK/2= 0.33489E-01



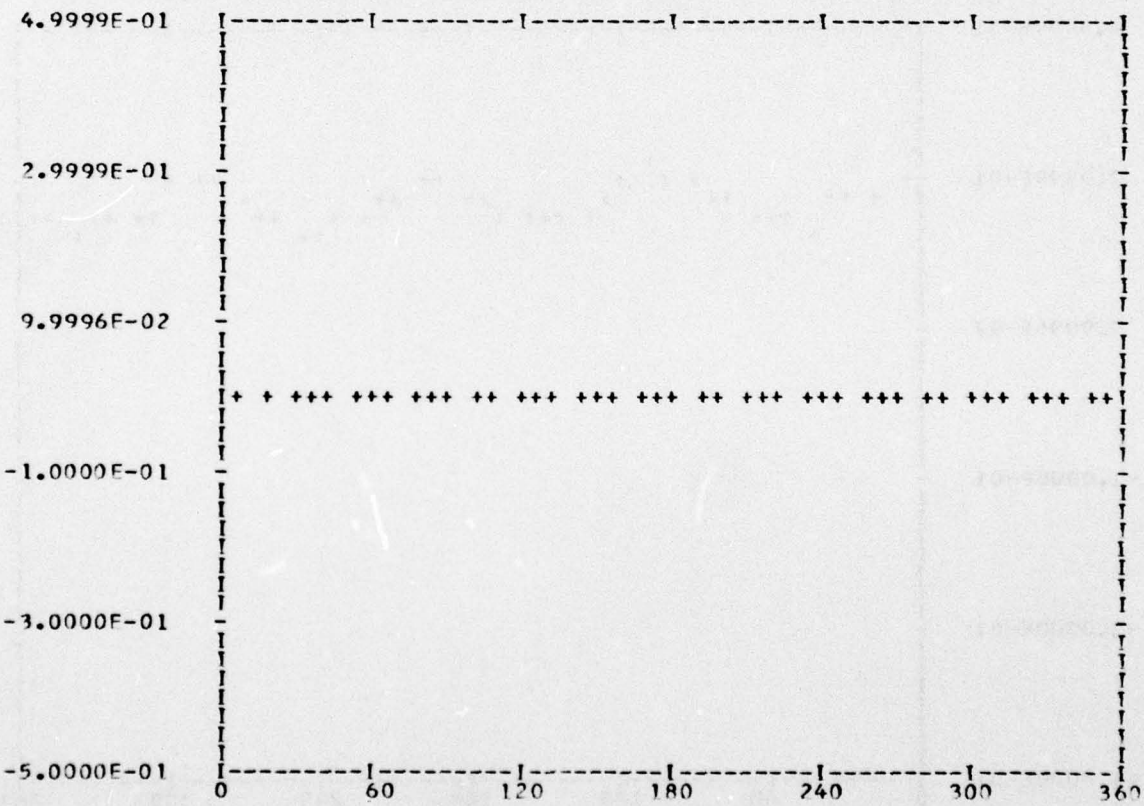
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS081.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			RUN	19
ENTERED	44		TP	10
OUT OF RANGE	0		CHAN	59
BANDEDGE	0			

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14781E-02	1	-0.53547E-04	0.31716E-04	0.62235E-04	300.6
	2	-0.25429E-04	0.16551E-04	0.30341E-04	303.0
	3	0.15060E-04	0.10304E-03	0.10413E-03	8.3
	4	0.55217E-04	-0.17449E-04	0.57909E-04	107.5
	5	0.77986E-05	-0.19832E-04	0.20383E-04	157.5
	6	0.16273E-04	-0.74556E-04	0.76312E-04	167.6
	7	0.50604E-04	-0.11002E-04	0.51786E-04	102.2
	8	-0.70942E-05	-0.47530E-04	0.48057E-04	188.4
	9	0.31548E-04	-0.41888E-05	0.31825E-04	97.5
	10	0.24758E-04	-0.47632E-06	0.24763E-04	91.1

MAX=-0.12130E-02 MIN=-0.19265E-02 PEAK TO PEAK/2 0.35677E-03



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

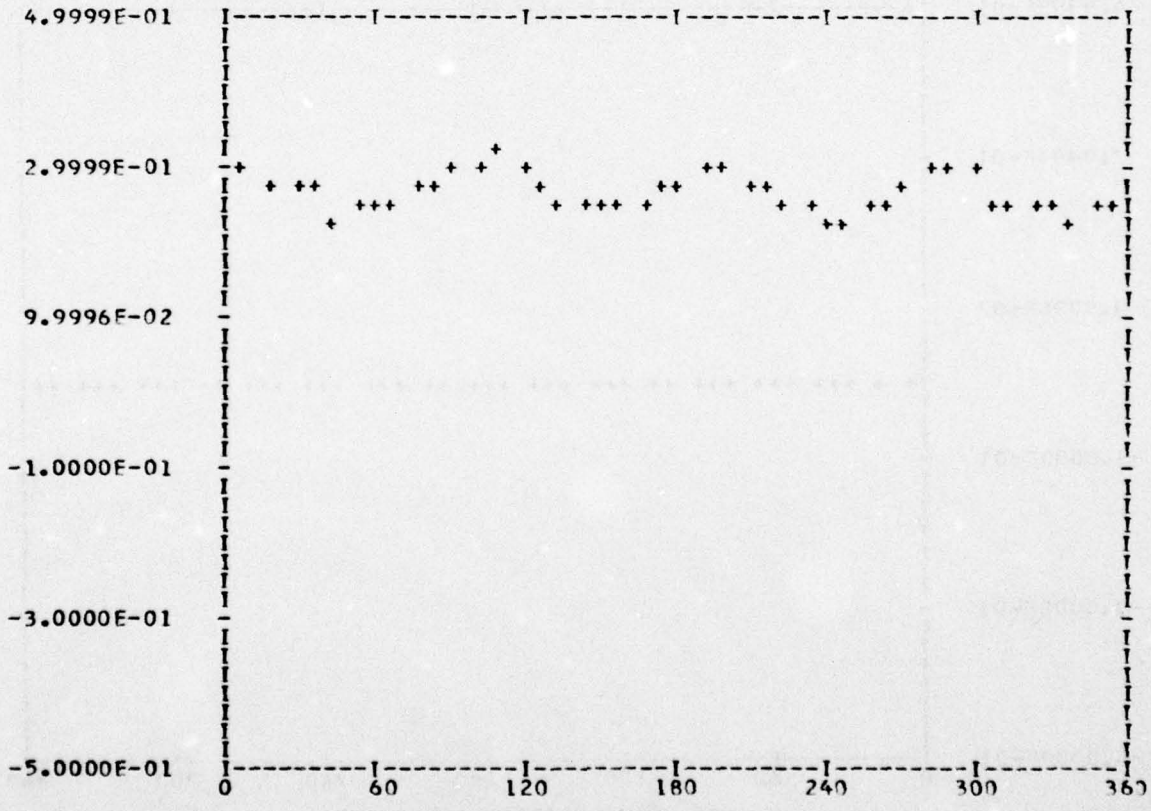
*** PS081.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.26677E 00	1	-0.39997E-02	0.62856E-02	0.74503E-02	327.5
	2	-0.36611E-02	-0.17099E-02	0.40407E-02	244.9
	3	-0.25771E-02	-0.30284E-02	0.39765E-02	220.3
	4	0.20865E-01	0.19756E-01	0.28734E-01	46.5
	5	0.45378E-02	-0.31196E-04	0.45379E-02	90.3
	6	0.59886E-03	0.42196E-03	0.73259E-03	54.8
	7	0.29832E-02	0.15932E-02	0.33820E-02	61.8
	8	0.19673E-02	0.55976E-02	0.59332E-02	19.3
	9	0.39608E-03	-0.11990E-02	0.12627E-02	161.7
	10	0.25605E-02	-0.82825E-04	0.25618E-02	91.8

MAX= 0.31250E 00 MIN= 0.21904E 00 PEAK TO PEAK/2= 0.46731E-01



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

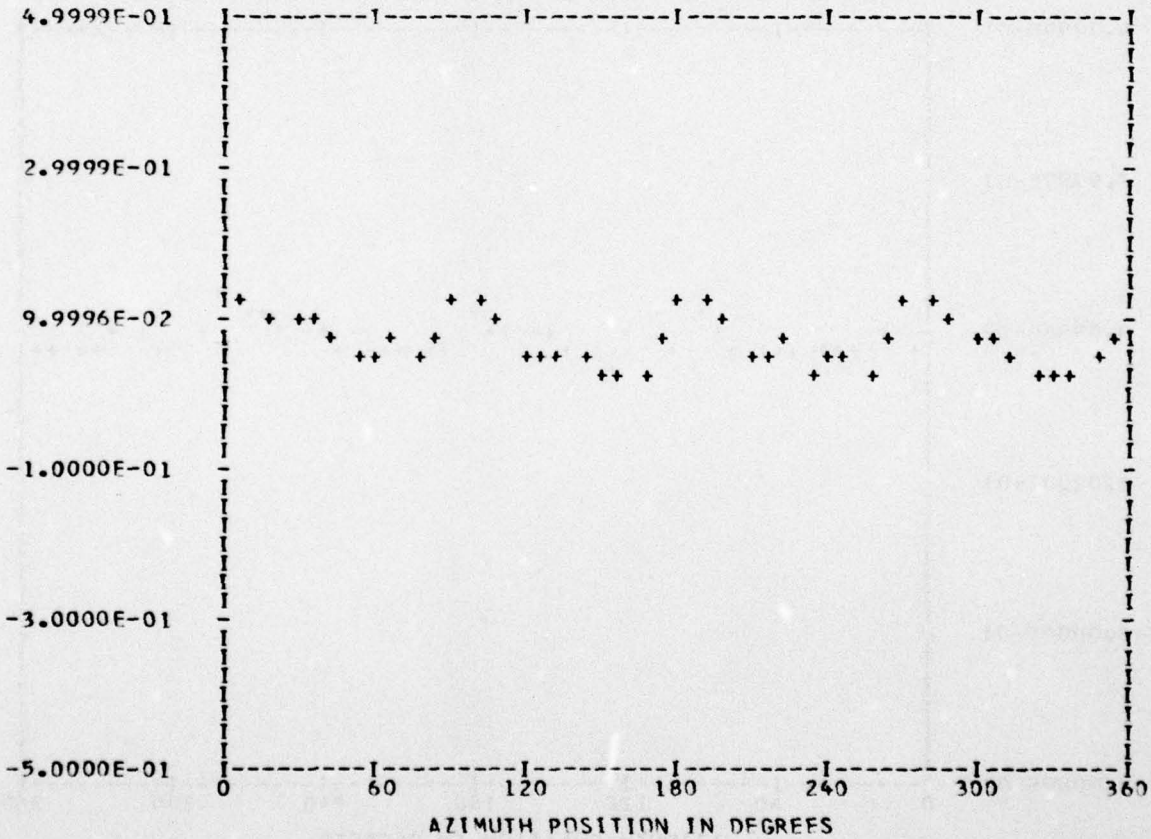
*** PS089.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.66889E-01	1	0.36200E-02	0.73152E-03	0.36932E-02	78.5
	2	-0.37969E-02	0.70018E-02	0.79651E-02	331.5
	3	-0.23169E-02	0.31689E-02	0.39256E-02	323.8
	4	0.29226E-01	0.22074E-01	0.36626E-01	52.9
	5	-0.54111E-03	-0.85992E-04	0.54790E-03	260.9
	6	0.21692E-02	-0.11547E-02	0.24574E-02	118.0
	7	-0.69172E-02	-0.12166E-02	0.70233E-02	260.0
	8	0.13516E-01	0.39182E-02	0.14072E-01	73.8
	9	-0.59636E-02	-0.37280E-02	0.70329E-02	237.9
	10	0.30824E-02	-0.26060E-02	0.40364E-02	130.2

MAX= 0.12570E 00 MIN= 0.15200E-01 PEAK TO PEAK/2= 0.55250E-01



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

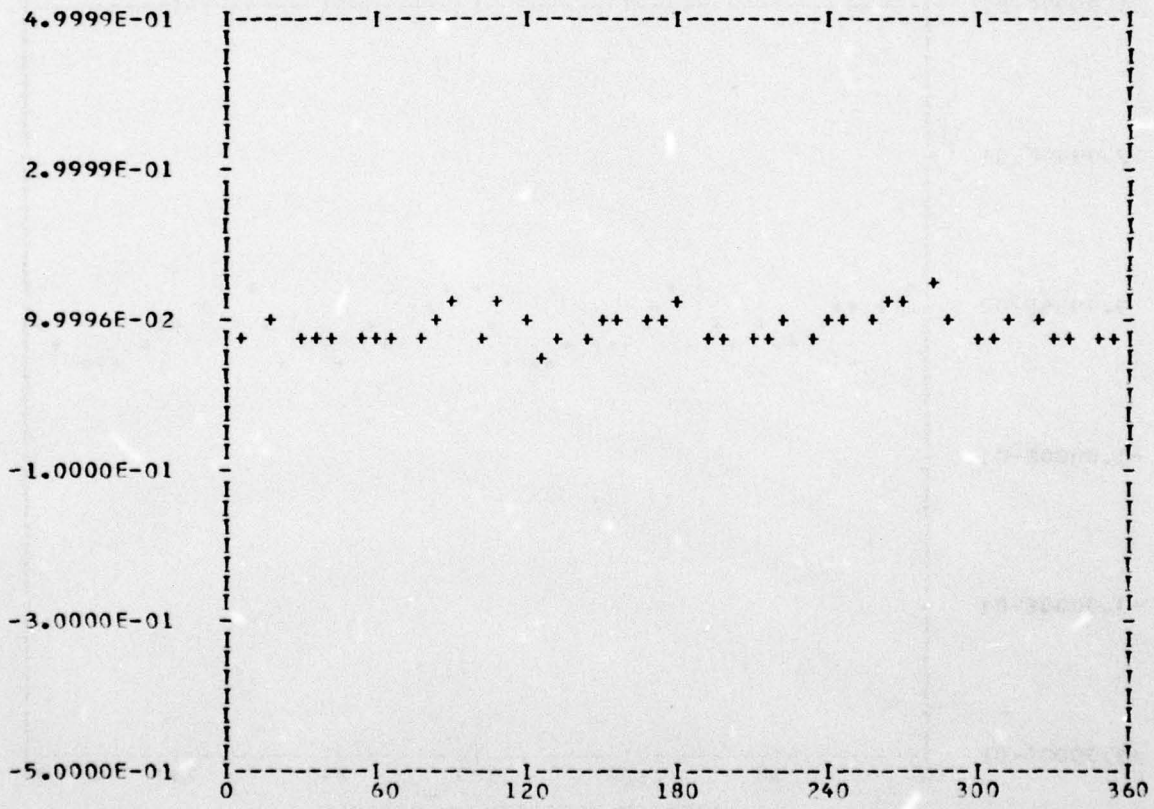
*** PS099.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.91365E-01	1	0.74089E-03	-0.69386E-02	0.69781E-02	173.9
	2	-0.76728E-02	-0.62160E-03	0.76979E-02	265.3
	3	0.19946E-02	0.44226E-02	0.48516E-02	24.2
	4	0.88355E-02	-0.53745E-02	0.10341E-01	121.3
	5	0.17486E-02	0.46339E-02	0.49528E-02	20.6
	6	-0.44003E-02	-0.12604E-02	0.45773E-02	254.0
	7	0.61888E-02	0.20077E-02	0.65063E-02	72.0
	8	0.89106E-02	-0.41679E-02	0.98372E-02	115.0
	9	-0.46019E-03	-0.35653E-02	0.35949E-02	187.3
	10	0.26864E-02	-0.54191E-02	0.60484E-02	153.6

MAX= 0.14203E 00 MIN= 0.53388E-01 PEAK TO PEAK/2= 0.44325E-01



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

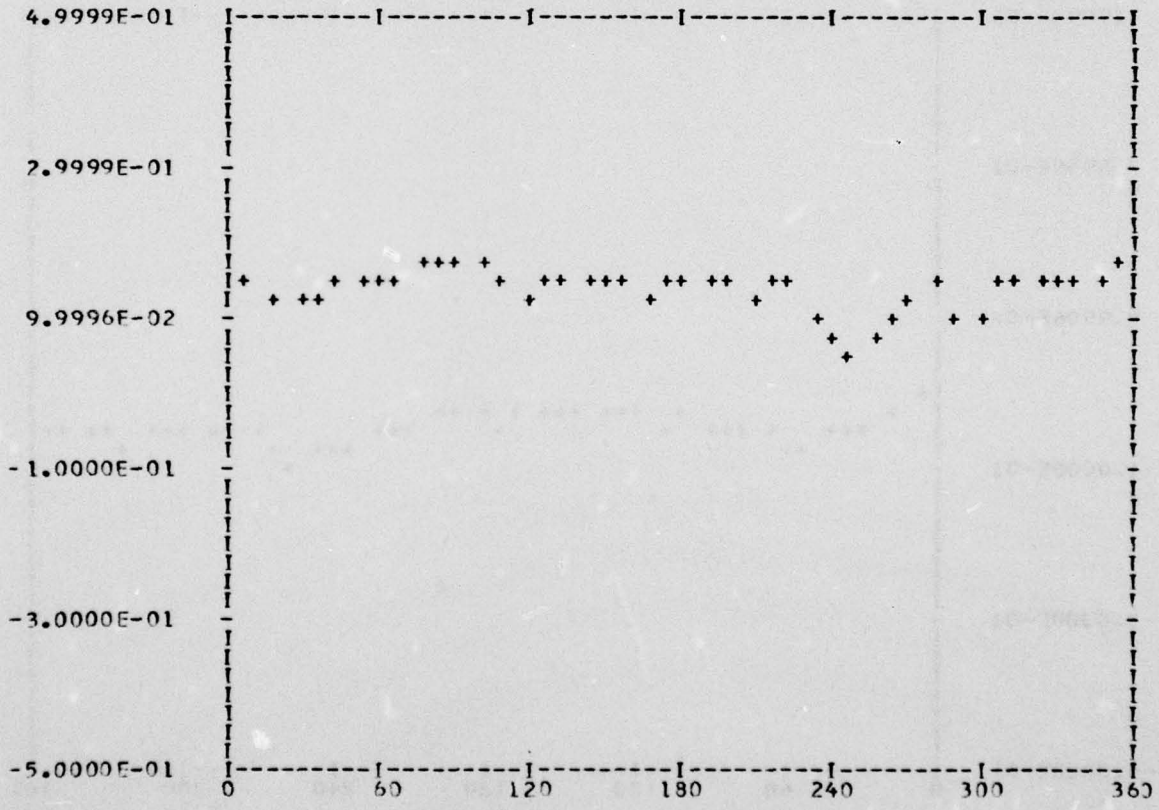
*** PS099.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.14009E 00	1	0.42768E-02	0.20798E-01	0.21233E-01	11.6
	2	0.10259E-01	-0.10728E-01	0.14844E-01	136.2
	3	-0.57609E-02	-0.13785E-01	0.14941E-01	202.6
	4	0.71363E-02	0.17525E-02	0.73484E-02	76.2
	5	0.73929E-02	-0.66537E-02	0.99463E-02	131.9
	6	-0.54385E-02	-0.20582E-02	0.58149E-02	249.2
	7	0.36944E-02	0.22217E-02	0.43110E-02	58.9
	8	0.13524E-01	-0.23778E-02	0.13731E-01	99.9
	9	-0.26162E-02	-0.16674E-02	0.31024E-02	237.4
	10	0.23028E-02	0.19626E-03	0.23112E-02	85.1

MAX= 0.18680E 00 MIN= 0.50907E-01 PEAK TO PEAK/2= 0. 7950E-01



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

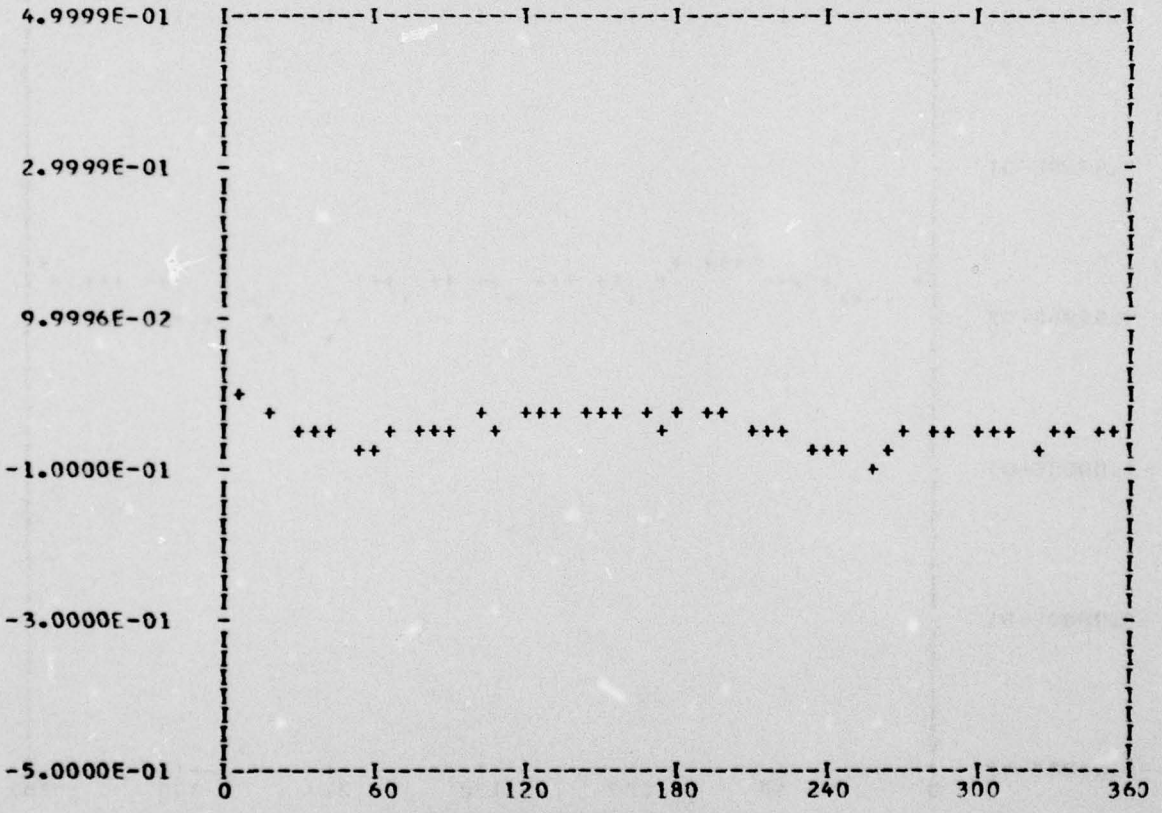
*** PS099.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.45736E-01	1	-0.58370E-02	0.13811E-01	0.14994E-01	337.0
	2	0.10320E-01	-0.10673E-01	0.14847E-01	135.9
	3	0.45599E-02	0.48364E-02	0.66471E-02	43.3
	4	0.64478E-02	0.87939E-02	0.10904E-01	36.2
	5	0.64417E-02	-0.24824E-02	0.69035E-02	111.0
	6	0.11387E-02	0.33595E-02	0.35472E-02	18.7
	7	-0.20159E-02	0.11315E-02	0.23118E-02	299.3
	8	0.30626E-02	0.29768E-02	0.42710E-02	45.8
	9	0.21081E-02	-0.29693E-02	0.36415E-02	144.6
	10	0.80099E-03	0.11705E-02	0.14183E-02	34.3

MAX=-0.34096E-02 MIN=-0.88928E-01 PEAK TO PEAK/2= 0.42759E-01



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

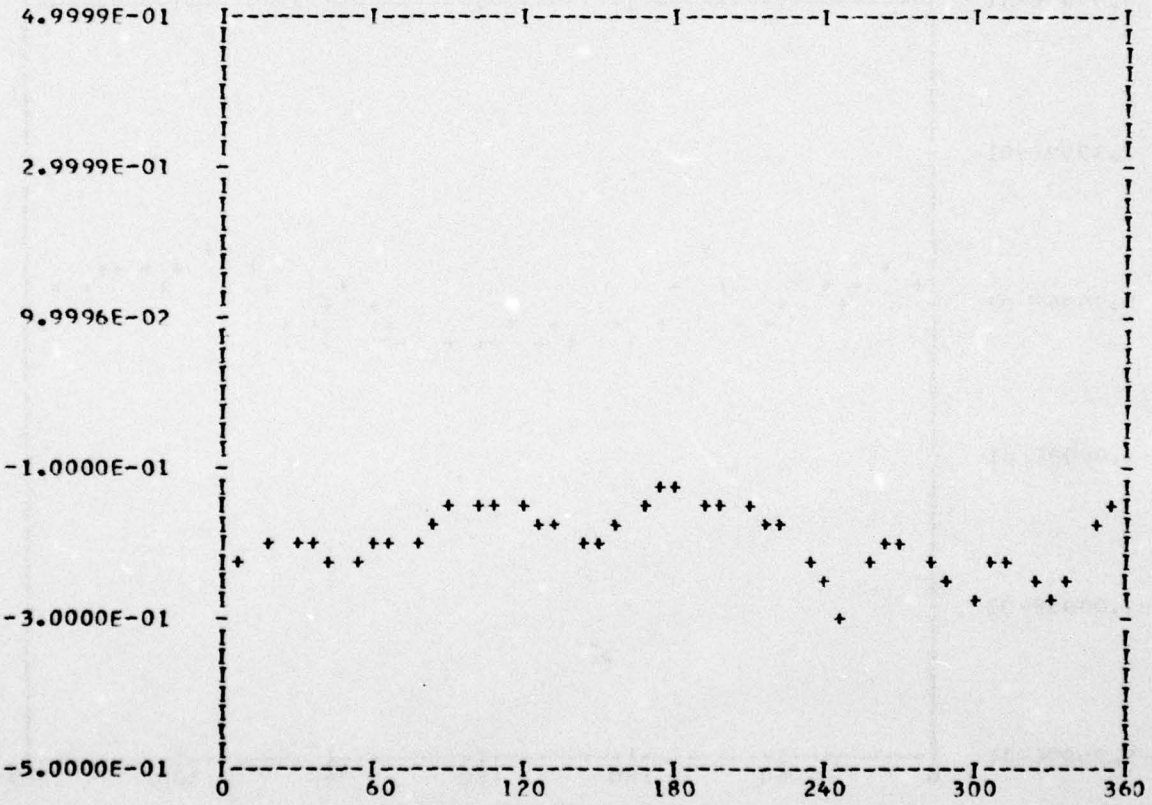
*** PS107.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.19501E 00	1	-0.18694E-01	0.28820E-01	0.34352E-01	327.0
	2	0.18635E-01	-0.45772E-02	0.19189E-01	103.7
	3	-0.26970E-03	-0.98311E-02	0.98348E-02	181.5
	4	0.27354E-01	0.81701E-03	0.27366E-01	88.2
	5	-0.25708E-02	-0.52399E-02	0.58366E-02	206.1
	6	-0.10352E-02	-0.63501E-02	0.64340E-02	189.2
	7	0.97844E-02	-0.27423E-02	0.10161E-01	105.6
	8	-0.11781E-02	-0.20517E-01	0.20551E-01	183.2
	9	-0.88002E-02	-0.58385E-02	0.10560E-01	236.4
	10	-0.59398E-02	-0.22544E-03	0.59441E-02	267.8

MAX=-0.11663E 00 MIN=-0.28920E 00 PEAK TO PEAK/2= 0.86287E-01



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

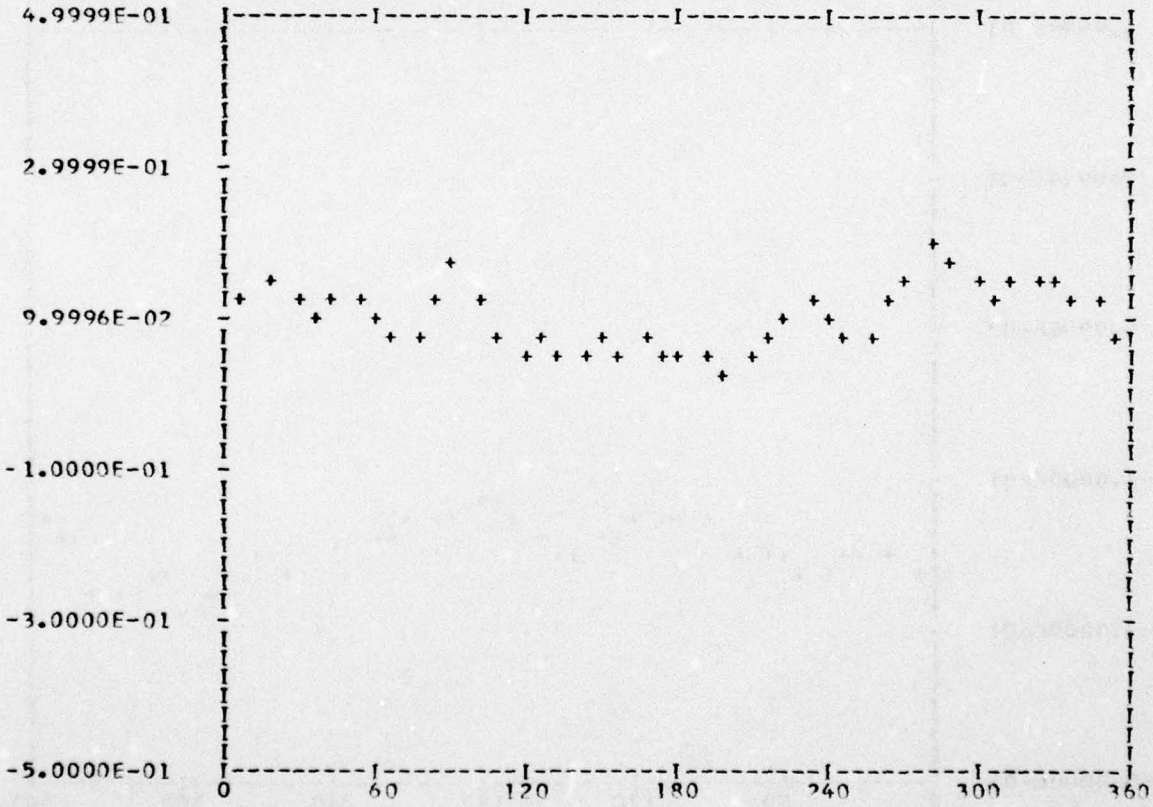
*** PS107.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.10300E 00	1	0.33925E-01	-0.22910E-01	0.40937E-01	124.0
	2	-0.22412E-01	0.16043E-02	0.22470E-01	274.0
	3	-0.31734E-02	0.69367E-02	0.76282E-02	335.4
	4	0.81323E-02	0.39594E-02	0.90450E-02	64.0
	5	0.90312E-02	0.84354E-02	0.12358E-01	46.9
	6	-0.18622E-01	0.23990E-02	0.18776E-01	277.3
	7	-0.16402E-02	0.10131E-01	0.10263E-01	350.8
	8	0.15016E-01	-0.49290E-02	0.15805E-01	108.1
	9	0.77741E-02	0.22682E-02	0.80983E-02	73.7
	10	0.38659E-03	0.98659E-02	0.98735E-02	2.2

MAX= 0.21140E 00 MIN= 0.33629E-01 PEAK TO PEAK/2= 0.88888E-01



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

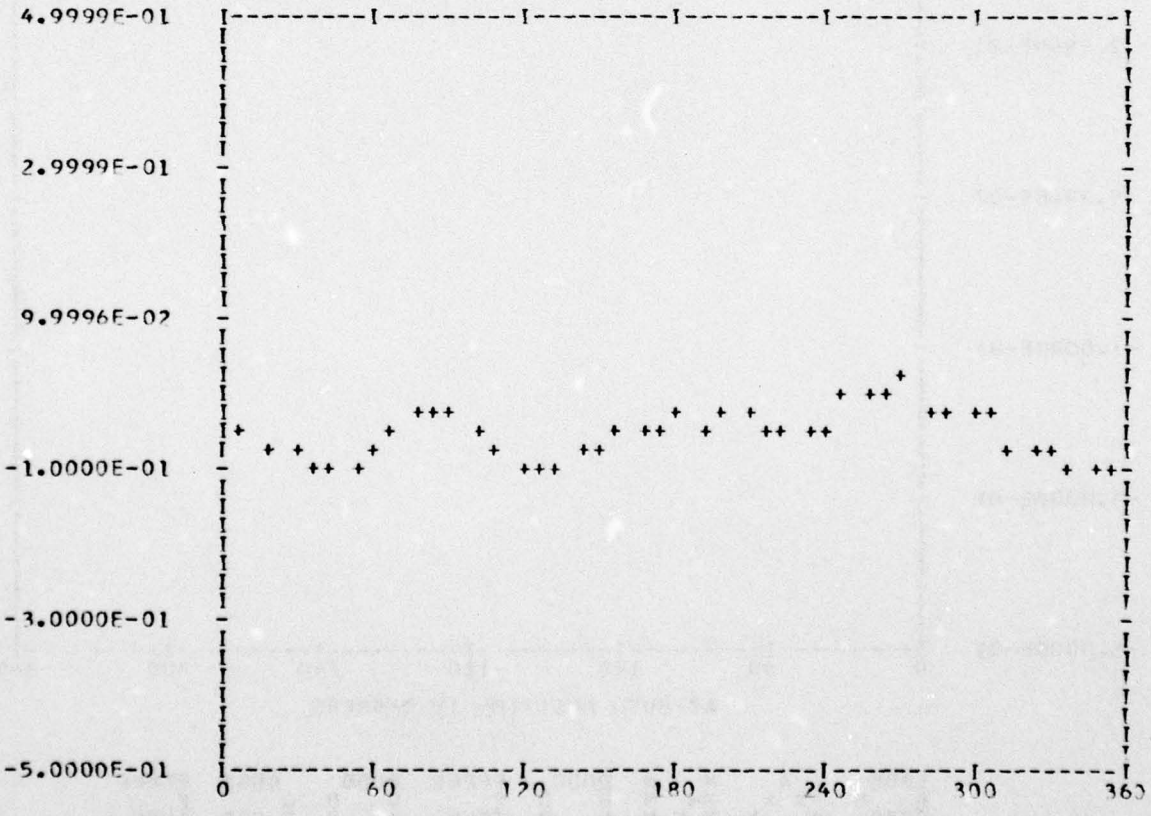
*** PS107.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.56110E-01	1	-0.20289E-01	-0.19951E-01	0.28455E-01	225.4
	2	-0.15511E-01	0.15579E-01	0.21984E-01	315.1
	3	-0.72867E-02	0.74681E-02	0.10434E-01	315.7
	4	0.18368E-01	-0.12507E-01	0.22222E-01	124.2
	5	0.70512E-02	0.62654E-02	0.94326E-02	48.3
	6	0.44668E-02	0.14226E-01	0.14911E-01	17.4
	7	0.98170E-03	-0.26677E-02	0.28426E-02	159.7
	8	-0.96159E-03	0.17077E-02	0.19598E-02	330.6
	9	0.21472E-02	0.43496E-02	0.48507E-02	26.2
	10	-0.19114E-02	0.10931E-02	0.22019E-02	299.7

MAX= 0.19551E-01 MIN=-0.11210E 00 PEAK TO PEAK/2= 0.65829E-01



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

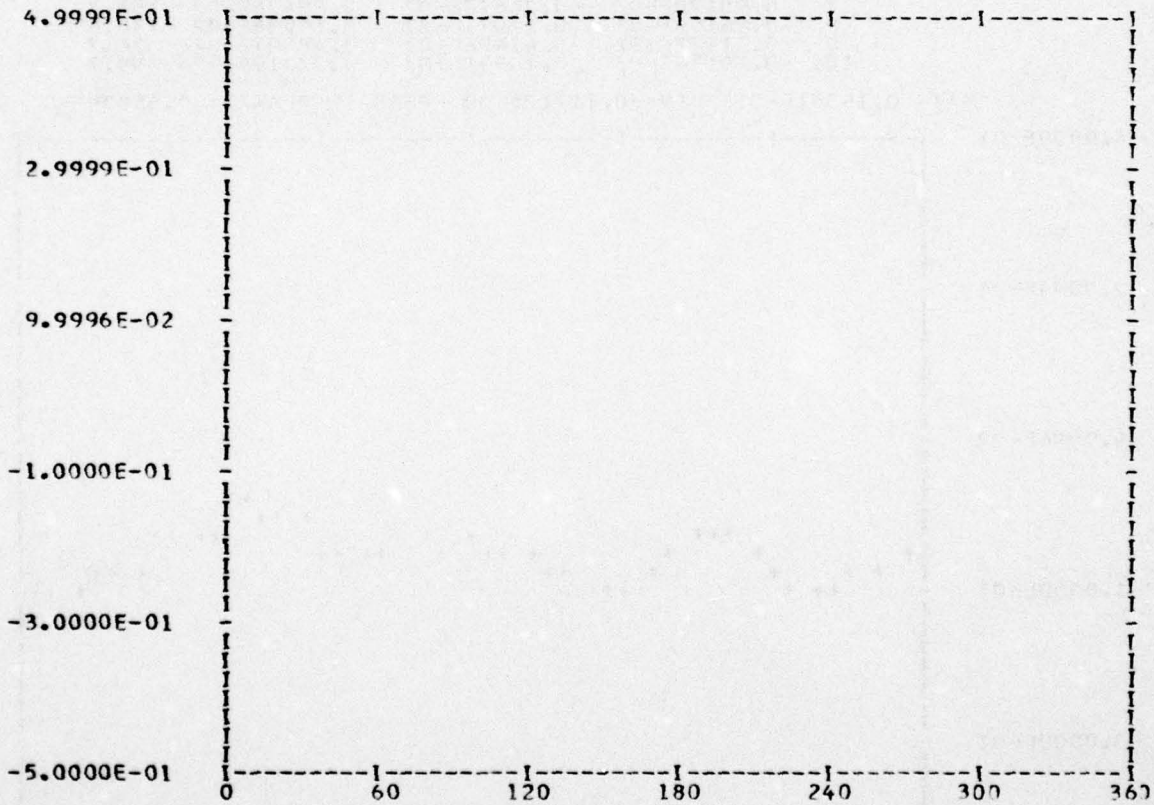
*** PS107.4 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 44
BANDEDGE 41

RUN 19
TP 10
CHAN 52

HARMONIC ANALYSIS SKIPPED

MAX=-0.41732E 00 MIN=-0.61941E 00 PEAK TO PEAK/2= 0.10104E 00



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B B AAAAA N NN D D E D D G G E
BBBB A A N N DDDD EEEEE DDDD GGGG EEEEE

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

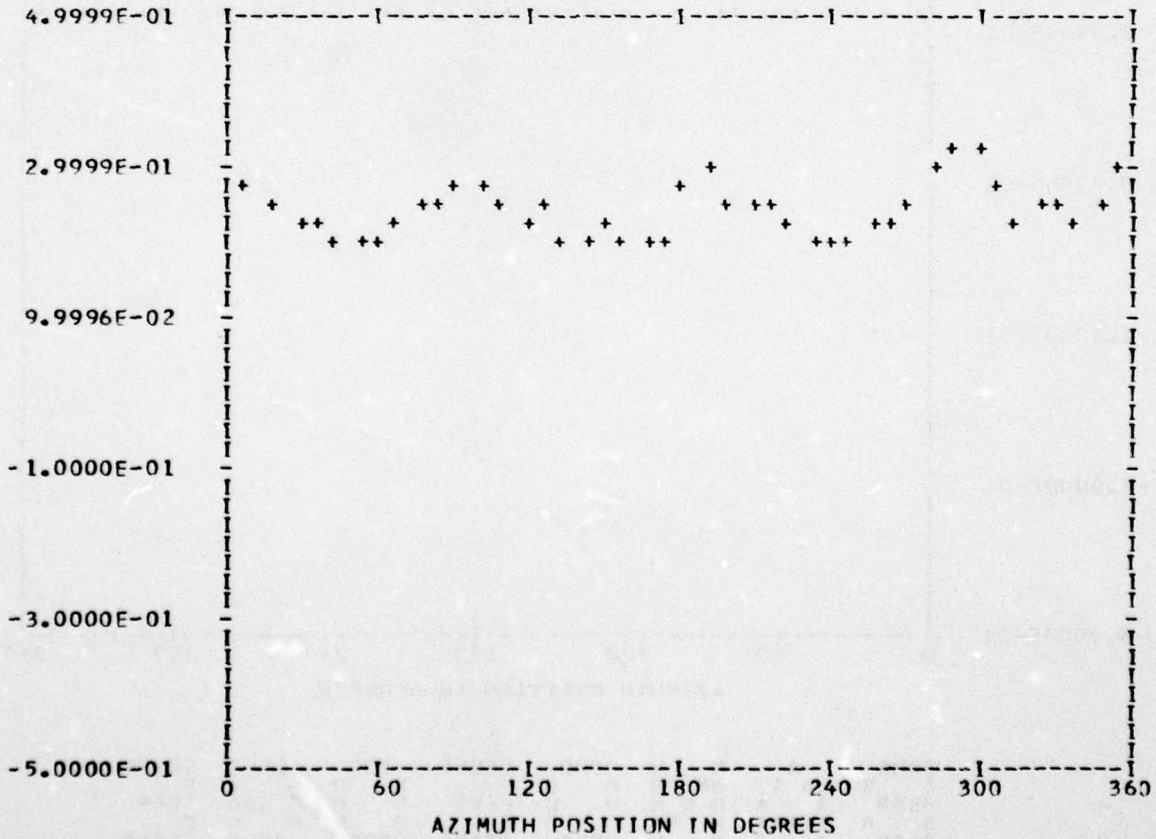
*** PS107.5 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24107E 00	1	0.10986E-01	-0.14211E-01	0.17962E-01	142.2
	2	-0.43811E-02	-0.12393E-01	0.13144E-01	199.4
	3	-0.52925E-02	-0.11212E-01	0.12399E-01	205.2
	4	0.28398E-01	0.17684E-01	0.33454E-01	58.0
	5	0.13416E-01	-0.25451E-02	0.13655E-01	100.7
	6	0.71569E-02	-0.16609E-02	0.73471E-02	103.0
	7	-0.25713E-02	-0.69106E-02	0.73735E-02	200.4
	8	-0.15341E-03	0.38340E-02	0.38371E-02	357.7
	9	0.12175E-02	0.12752E-02	0.17631E-02	43.6
	10	0.89690E-02	-0.10607E-02	0.90315E-02	96.7

MAX= 0.33062E 00 MIN= 0.18798E 00 PEAK TO PEAK/2= 0.71318E-01



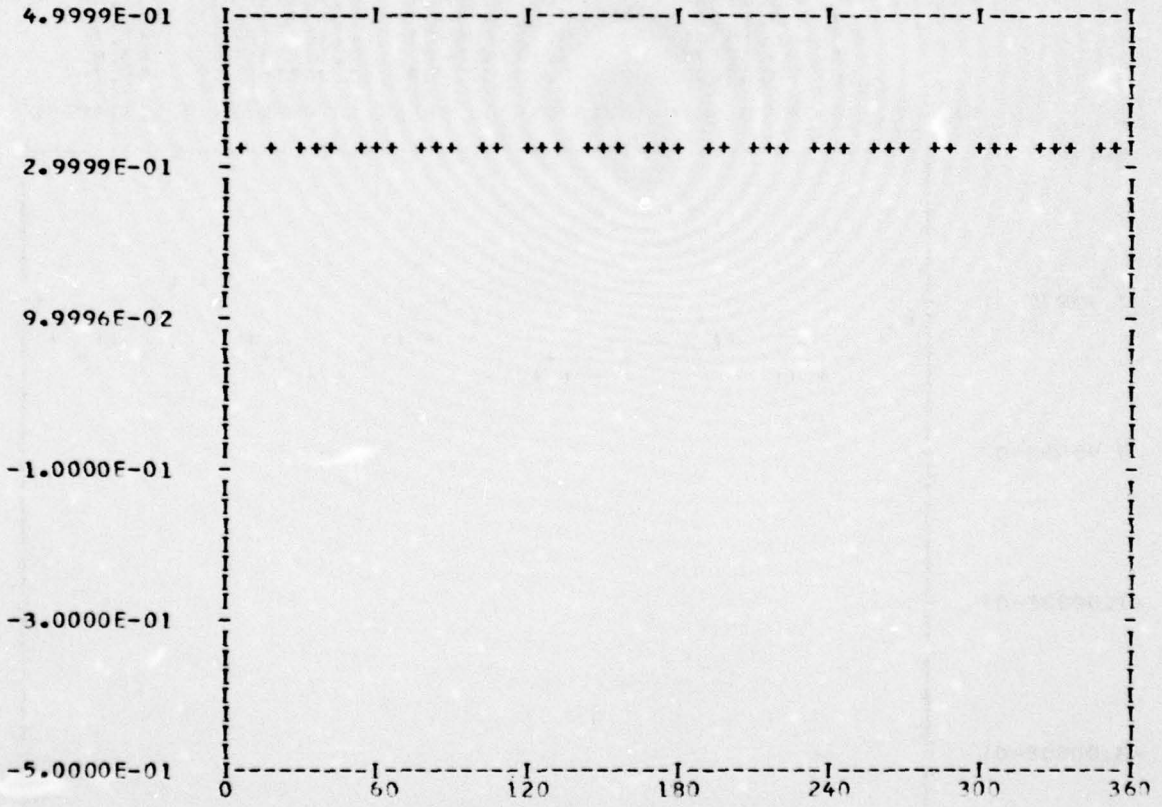
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS107.6 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	19
ENTERED	44	TP	10
OUT OF RANGE	0	CHAN	50
BANDEDGE	44		

HARMONIC ANALYSIS SKIPPED

MAX= 0.33600E 00 MIN= 0.33600E 00 PEAK TO PEAK/2= 0.00000E 00



AZIMUTH POSITION IN DEGREES

```
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B   B   A A   NN  N  D   D  E      D   D  G      E
BBBB   A   A  N N N  D   D  EEEE   D   D  G GGG  EEEE
B   B  AAAAA  N  NN  D   D  E      D   D  G   G  E
BBBB   A   A  N   N  DDDD   EEEEE  DDDD    GGGG  EEEEE
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INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONFI--ETC(U)
SEP 78 P F SHERIDAN DAAJ02-77-C-0020
UNCLASSIFIED USARTL-TR-78-23B-V2-F NL

2 OF 2
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UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

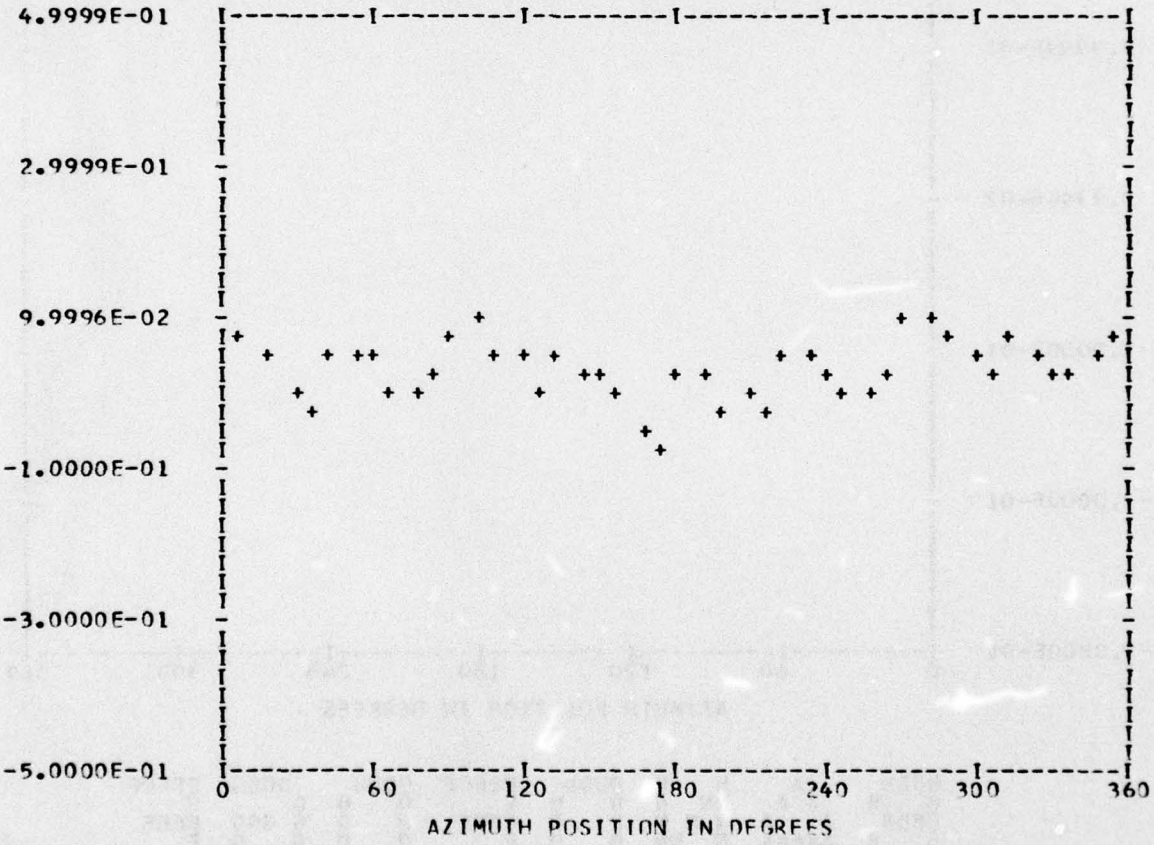
*** PS112.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.31285E-01	1	0.24315E-01	-0.10448E-01	0.26465E-01	113.2
	2	-0.19191E-01	-0.41134E-02	0.19626E-01	257.9
	3	0.12059E-01	-0.79266E-02	0.14431E-01	123.3
	4	0.12649E-01	0.48723E-02	0.13555E-01	68.9
	5	0.23911E-02	-0.73244E-02	0.77049E-02	161.9
	6	-0.54084E-02	-0.60005E-02	0.80782E-02	222.0
	7	0.21107E-02	-0.29471E-02	0.36250E-02	144.3
	8	0.27692E-01	-0.11009E-01	0.29800E-01	111.6
	9	-0.66865E-02	0.96724E-03	0.67561E-02	278.2
	10	0.12047E-02	0.53058E-02	0.54408E-02	12.7

MAX= 0.10794E 00 MIN=-0.68311E-01 PEAK TO PEAK/2= 0.88129E-01



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

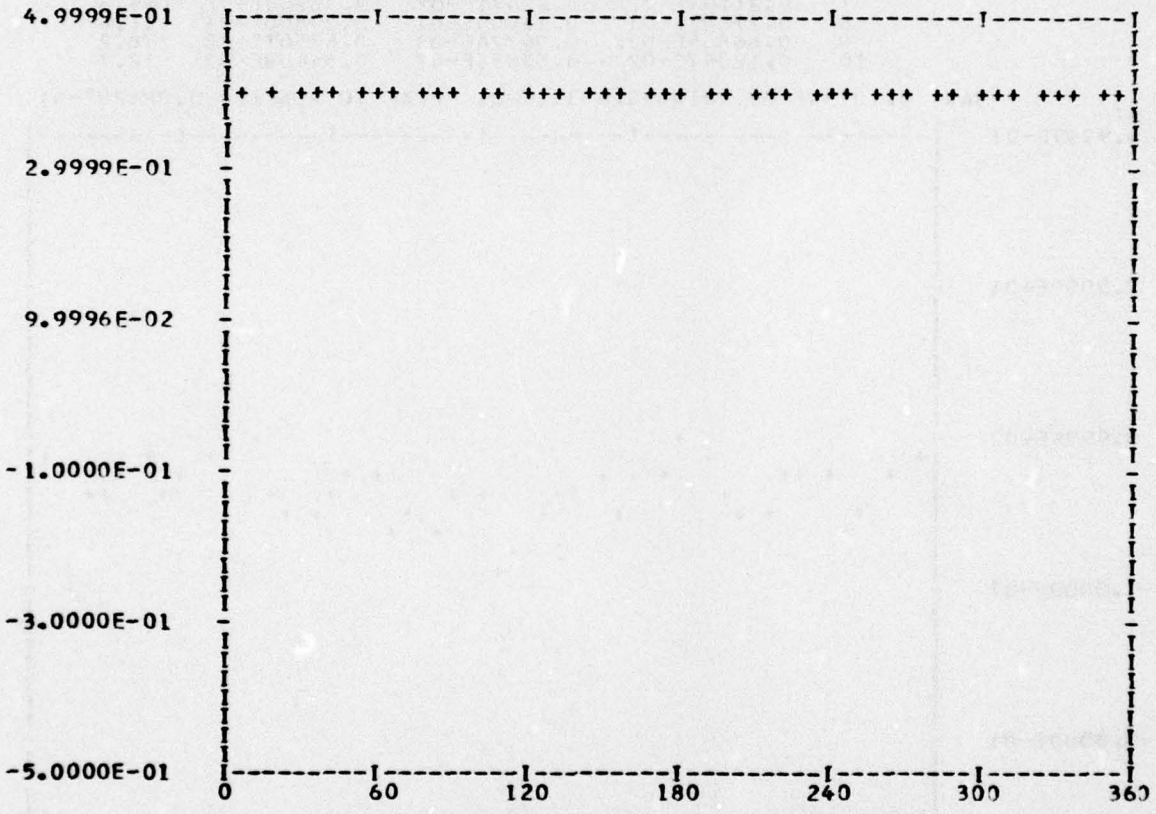
*** PS112.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 48

HARMONIC ANALYSIS SKIPPED

MAX= 0.39063E 00 MIN= 0.39063E 00 PEAK TO PEAK/2= 0.00000E 00



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

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

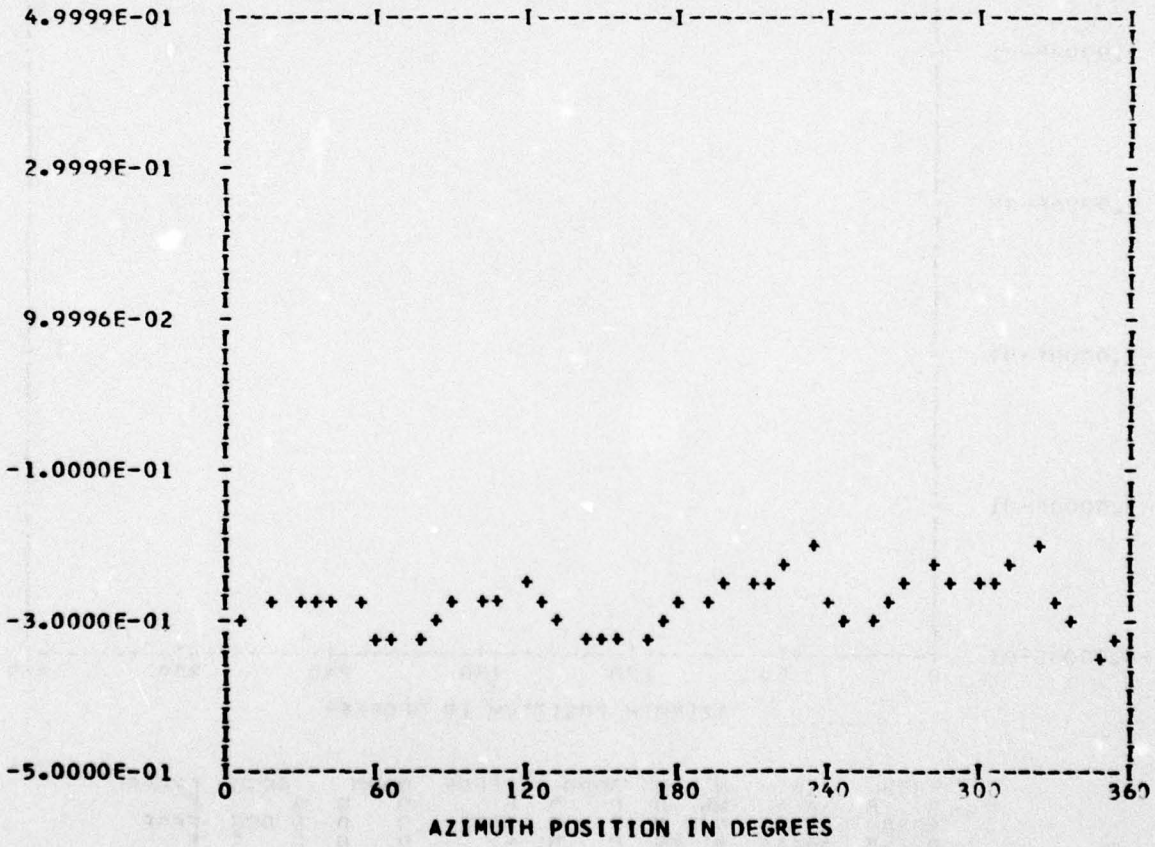
*** PS117.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28038E 00	1	-0.70892E-02	-0.21812E-01	0.22935E-01	198.0
	2	-0.10550E-01	0.57264E-02	0.12003E-01	298.4
	3	-0.95257E-02	-0.69673E-02	0.11801E-01	233.8
	4	-0.13515E-03	0.29743E-01	0.29743E-01	359.7
	5	-0.48055E-02	0.10065E-01	0.11153E-01	334.4
	6	-0.86477E-02	-0.36683E-03	0.86555E-02	267.5
	7	0.62007E-02	0.65062E-02	0.89877E-02	43.6
	8	0.81010E-02	-0.40548E-02	0.90591E-02	116.5
	9	-0.14362E-03	-0.41016E-02	0.41042E-02	182.0
	10	-0.60332E-03	0.20859E-02	0.21714E-02	343.8

MAX=-0.21055E 00 MIN=-0.34096E 00 PEAK TO PEAK/2= 0.65205E-01



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

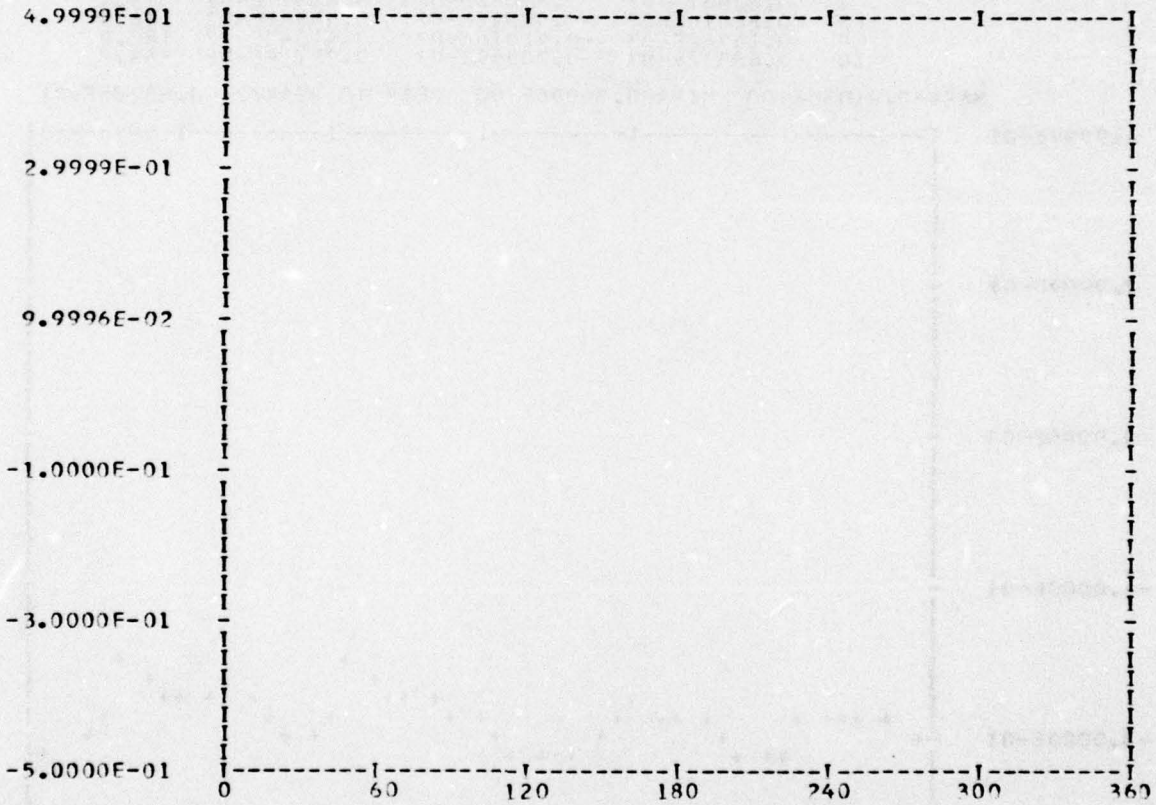
*** PS117.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 10
CHAN 53

HARMONIC ANALYSIS SKIPPED

MAX=-0.54979E 00 MIN=-0.89350E 00 PEAK TO PEAK/2= 0.17185E 00



AZIMUTH POSITION IN DEGREES

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

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

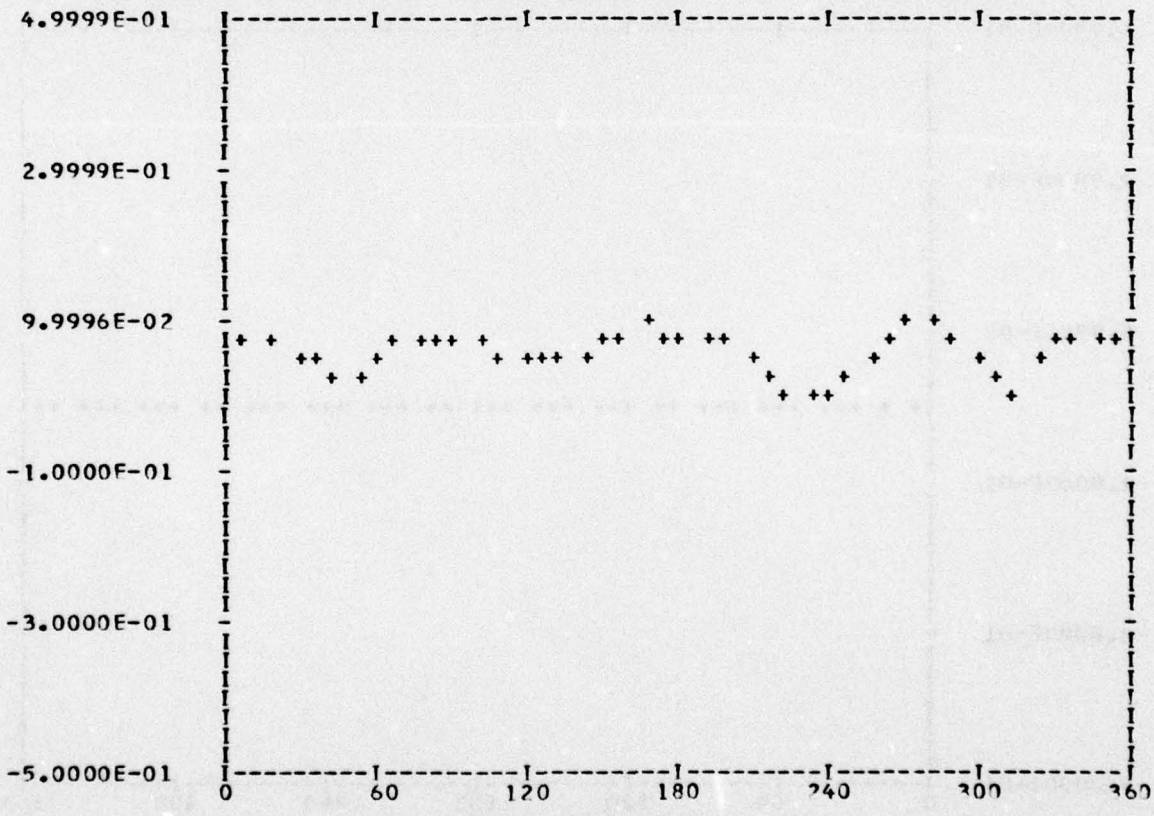
*** PS081.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 3
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.57421E-01	1	0.36182E-02	0.64520E-02	0.73973E-02	29.2
	2	0.20314E-02	-0.94001E-02	0.96171E-02	167.8
	3	-0.18663E-02	0.73616E-02	0.75945E-02	345.7
	4	0.24529E-01	-0.12765E-01	0.27652E-01	117.4
	5	-0.73168E-03	-0.50170E-02	0.50700E-02	188.2
	6	-0.71865E-02	0.45509E-02	0.85063E-02	302.3
	7	0.10665E-02	0.19840E-02	0.22525E-02	28.2
	8	-0.21044E-02	0.36883E-02	0.42464E-02	330.2
	9	0.21339E-02	-0.47968E-03	0.21872E-02	102.6
	10	0.33340E-03	0.29307E-03	0.44390E-03	48.6

MAX= 0.98035E-01 MIN=-0.24647E-03 PEAK TO PEAK/2= 0.49140E-01



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

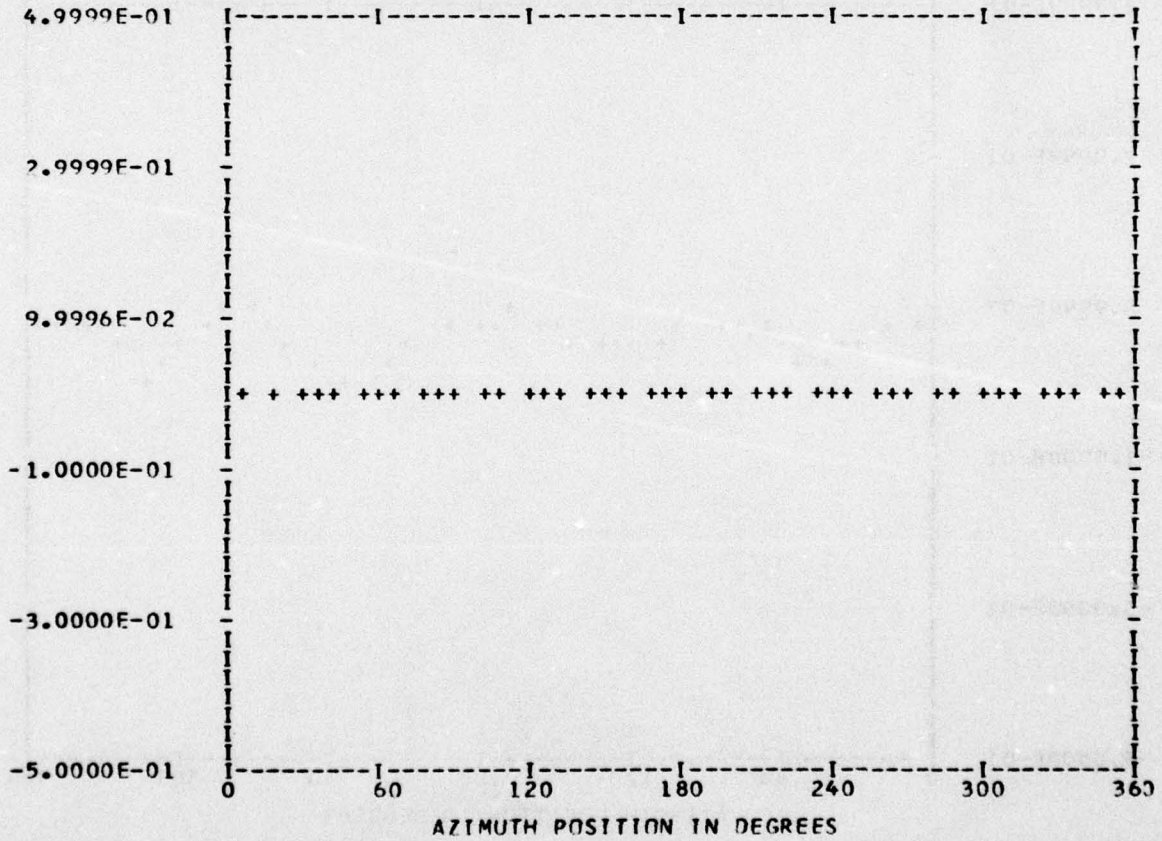
*** PS081.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 3
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14359E-02	1	0.29295E-04	-0.37209E-04	0.47357E-04	141.7
	2	0.50819E-04	0.33551E-05	0.50930E-04	86.2
	3	-0.68012E-04	-0.61846E-04	0.91927E-04	227.7
	4	0.47754E-04	-0.53212E-04	0.71499E-04	138.0
	5	0.23842E-04	-0.93692E-05	0.25617E-04	111.4
	6	0.32800E-04	-0.35221E-05	0.32988E-04	96.1
	7	0.93613E-04	-0.50629E-05	0.93750E-04	93.0
	8	-0.29947E-04	0.66051E-05	0.30667E-04	282.4
	9	0.31469E-05	0.49789E-05	0.58901E-05	32.2
	10	-0.69015E-05	0.26417E-04	0.27304E-04	345.3

MAX=-0.11773E-02 MIN=-0.18195E-02 PEAK TO PEAK/2= 0.32109E-03



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

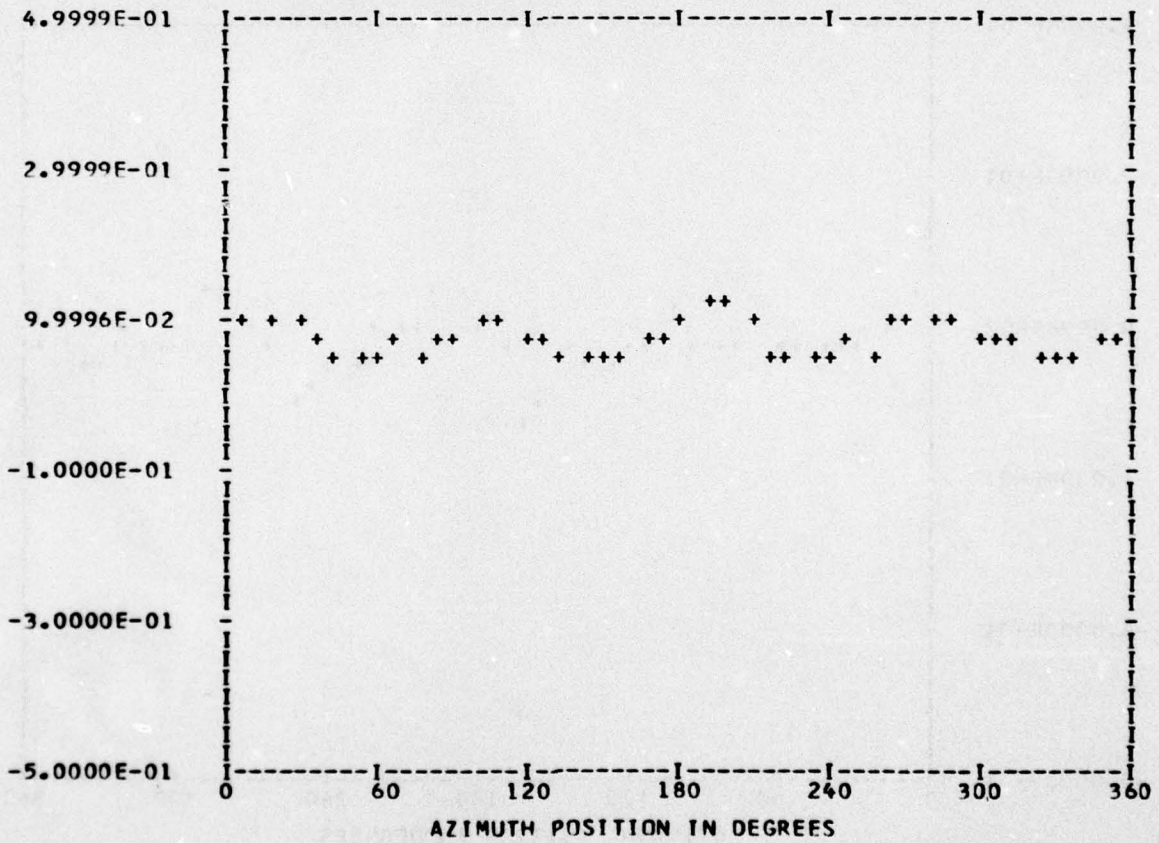
*** PS081.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 3
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.75164E-01	1	-0.91246E-03	-0.13506E-02	0.16299E-02	214.0
	2	0.23710E-02	-0.24451E-02	0.34060E-02	135.8
	3	-0.37350E-02	0.21922E-02	0.43309E-02	300.4
	4	0.25241E-01	0.12967E-01	0.28377E-01	62.8
	5	-0.26570E-02	-0.43358E-02	0.50851E-02	211.5
	6	0.25506E-02	0.13134E-02	0.28689E-02	62.7
	7	0.10469E-02	-0.32181E-02	0.33841E-02	161.9
	8	0.14364E-02	0.56783E-02	0.58572E-02	14.1
	9	0.69604E-03	-0.22969E-02	0.24000E-02	163.1
	10	-0.97875E-03	-0.16503E-02	0.19187E-02	210.6

MAX= 0.12220E 00 MIN= 0.41041E-01 PEAK TO PEAK/2= 0.40582E-01



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

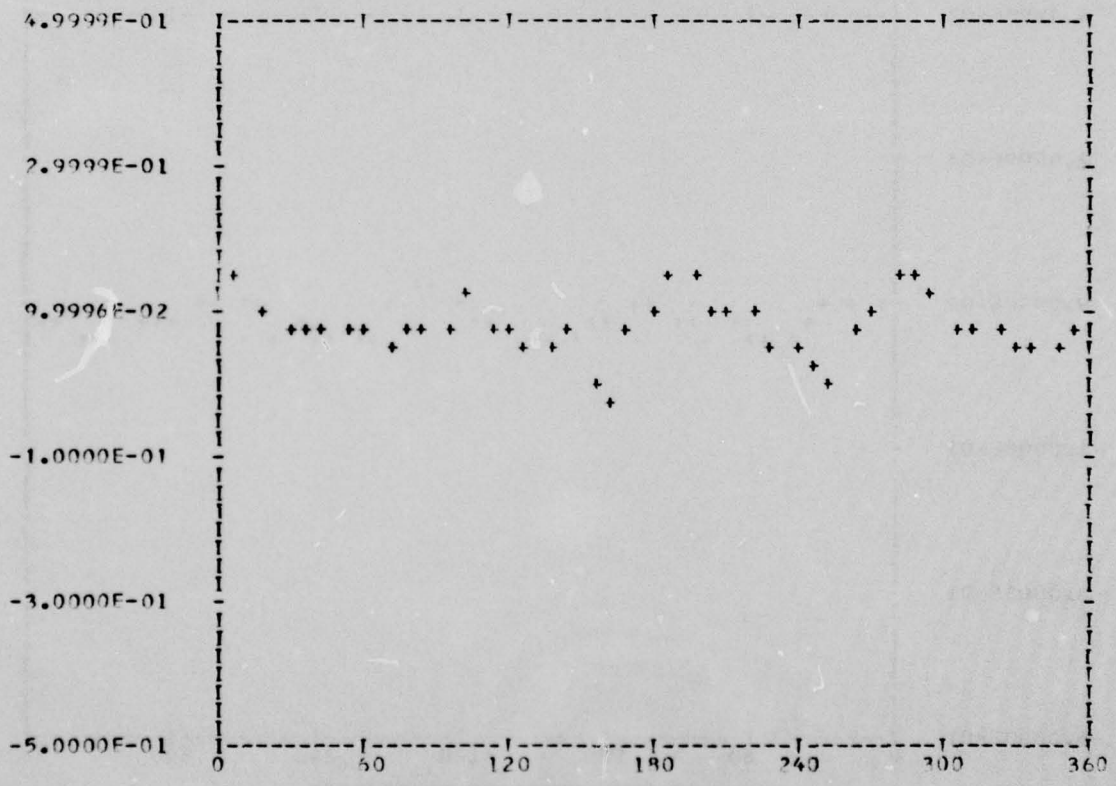
*** PS089.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 43
OUT OF RANGE 0
BANDEDGE 0

RUN 20
TP 3
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.80773E-01	1	0.80797E-02	-0.79315E-02	0.11322E-01	134.4
	2	0.47031E-02	0.58398E-02	0.74982E-02	38.8
	3	-0.10970E-01	-0.40401E-02	0.11694E-01	200.7
	4	0.24957E-01	0.32703E-01	0.41138E-01	37.3
	5	0.42082E-02	-0.11834E-01	0.12560E-01	160.4
	6	0.33508E-02	-0.10396E-02	0.38717E-02	120.0
	7	-0.38954E-02	0.37638E-02	0.54167E-02	314.0
	8	0.16551E-01	0.58341E-02	0.17549E-01	70.5
	9	-0.41250E-02	0.16070E-02	0.44270E-02	291.2
	10	0.52858E-02	-0.83351E-03	0.60437E-02	97.9

MAX= 0.14582E 00 MIN=-0.22390E-01 PEAK TO PEAK/2= 0.84105E-01



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

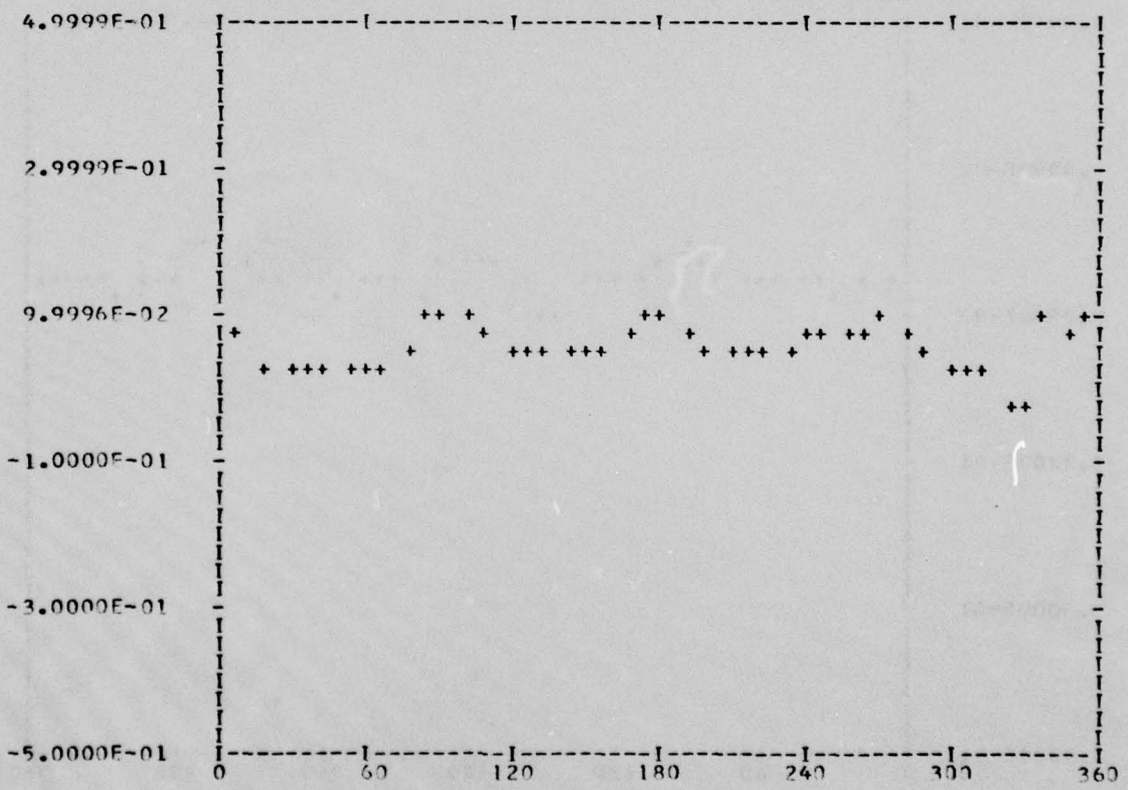
*** PS099.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 3
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.57508E-01	1	-0.12453E-01	0.79920E-03	0.12479E-01	273.6
	2	-0.25157E-02	-0.97492E-03	0.26980E-02	248.8
	3	0.12555E-01	-0.48533E-02	0.13460E-01	111.1
	4	0.25996E-01	-0.18700E-01	0.32023E-01	125.7
	5	0.90248E-03	-0.25777E-02	0.27311E-02	160.7
	6	-0.16936E-02	-0.92954E-02	0.94484E-02	190.3
	7	-0.76335E-02	-0.58959E-02	0.96453E-02	232.3
	8	0.11996E-02	-0.72648E-02	0.73632E-02	170.6
	9	0.49189E-03	-0.88442E-03	0.10120E-02	150.9
	10	-0.25960E-02	0.29363E-02	0.39193E-02	318.5

MAX= 0.11078E 00 MIN=-0.15412E-01 PEAK TO PEAK/2= 0.63098E-01



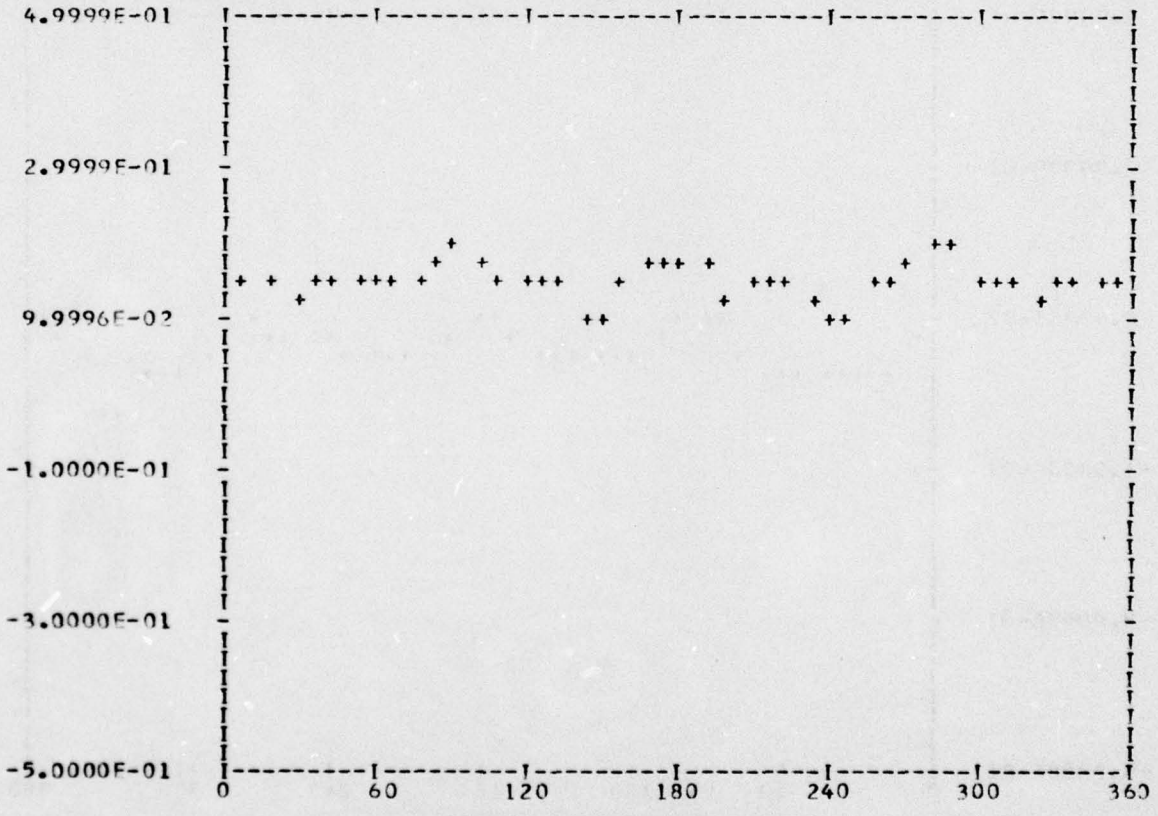
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS099.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	20
ENTERED	44	TP	3
OUT OF RANGE	0	CHAN	46
BANDEDGE	0		

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.15235E 00	1	0.36496E-02	0.22913E-02	0.43093E-02	57.8
	2	-0.18295E-02	-0.21813E-02	0.28470E-02	219.9
	3	-0.12993E-01	-0.22068E-02	0.13179E-01	260.3
	4	0.19690E-01	0.39780E-02	0.20088E-01	78.5
	5	0.90079E-03	-0.31284E-02	0.32555E-02	163.9
	6	-0.50278E-02	-0.95793E-02	0.10818E-01	207.6
	7	-0.19576E-02	0.82364E-02	0.84658E-02	346.6
	8	0.81657E-02	-0.39283E-02	0.90617E-02	115.6
	9	0.34904E-02	0.47195E-02	0.58700E-02	36.4
	10	-0.51436E-03	0.30417E-02	0.30849E-02	350.4

MAX= 0.19969E 00 MIN= 0.02747E-01 PEAK TO PEAK/2= 0.53472E-01



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

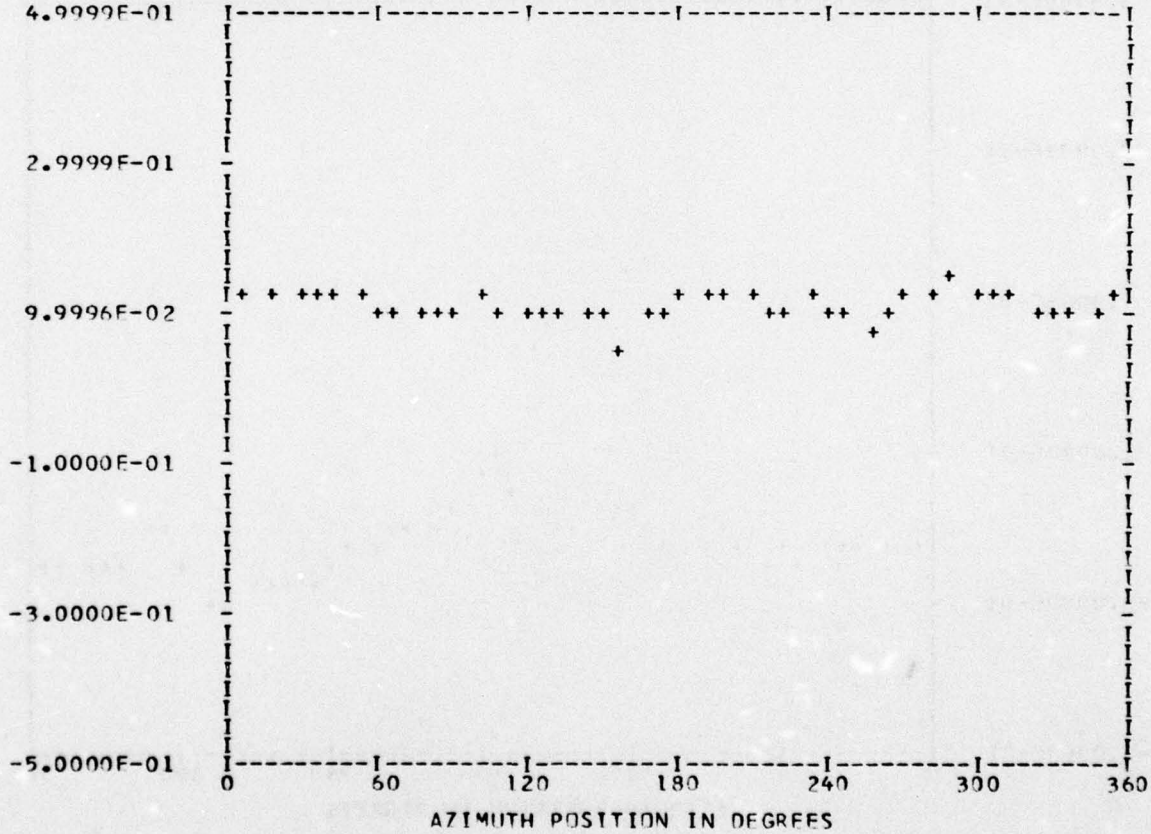
*** PS088.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 3
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.11009E 00	1	0.74076E-02	-0.67168E-02	0.99994E-02	132.1
	2	0.36937E-02	0.17631E-02	0.40929E-02	64.4
	3	-0.61441E-03	0.98407E-03	0.62224E-02	279.0
	4	0.87081E-02	0.15493E-01	0.17772E-01	29.3
	5	0.29186E-02	-0.71692E-03	0.30054E-02	103.8
	6	0.28301E-02	-0.36145E-02	0.45906E-02	141.9
	7	-0.25900E-02	-0.21916E-02	0.33929E-02	229.7
	8	0.60642E-02	0.53801E-03	0.60880E-02	84.9
	9	0.10065E-02	0.14776E-03	0.10173E-02	81.6
	10	-0.10096E-02	-0.20834E-02	0.23152E-02	205.8

MAX= 0.14898E 00 MIN= 0.60816E-01 PEAK TO PEAK/2= 0.44081E-01



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

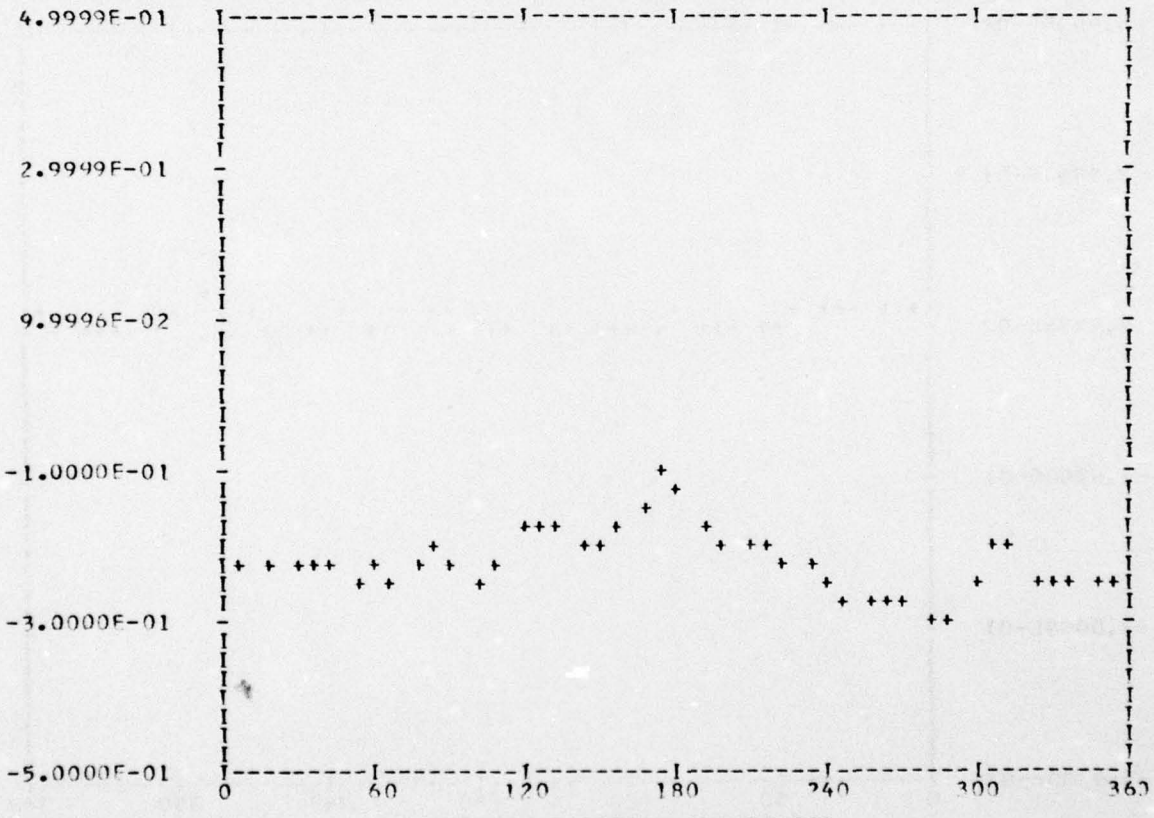
*** PS107.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 3
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22242E 00	1	-0.24783E-01	0.25890E-01	0.35840E-01	316.2
	2	0.27803E-01	-0.13775E-01	0.31028E-01	116.3
	3	-0.12018E-01	0.21175E-02	0.12203E-01	279.9
	4	0.46571E-04	0.40891E-02	0.40894E-02	0.6
	5	-0.31128E-02	0.11406E-01	0.11823E-01	344.7
	6	0.11464E-01	-0.24370E-02	0.11720E-01	102.0
	7	-0.37182E-03	0.87650E-02	0.87728E-02	357.5
	8	-0.73723E-02	-0.15348E-01	0.17027E-01	205.6
	9	-0.24565E-02	0.18489E-02	0.30746E-02	306.9
	10	0.18402E-02	0.65205E-02	0.67752E-02	15.7

MAX=-0.11022E 00 MIN=-0.30048E 00 PEAK TO PEAK/2= 0.95131E-01



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

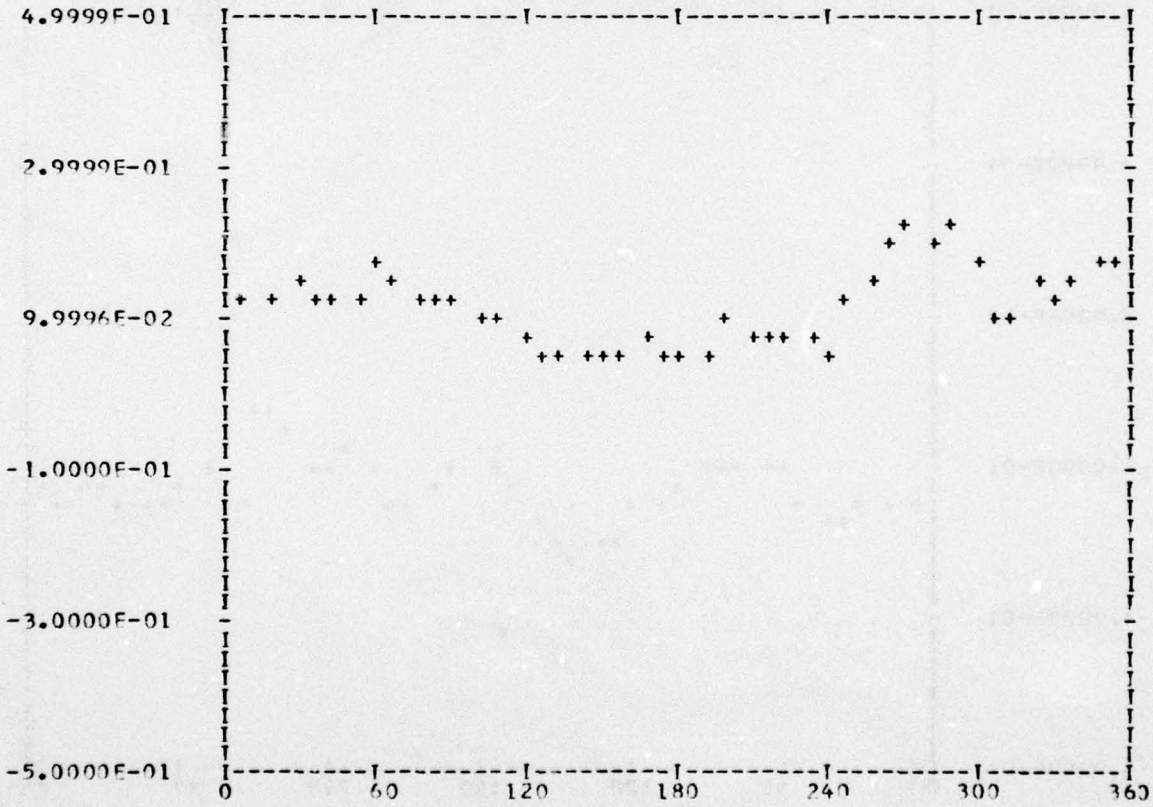
*** PS107.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 3
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.11594E 00	1	0.44479E-01	-0.29918E-01	0.53606E-01	123.9
	2	-0.19892E-01	0.13687E-01	0.24146E-01	304.5
	3	-0.82863E-03	0.11477E-01	0.11507E-01	355.8
	4	0.21340E-01	-0.14315E-01	0.25697E-01	123.8
	5	-0.48097E-02	-0.19551E-01	0.20134E-01	193.8
	6	-0.11612E-01	0.62062E-03	0.11629E-01	273.0
	7	0.14315E-02	-0.89510E-03	0.16883E-02	122.2
	8	-0.13919E-02	0.37274E-02	0.39788E-02	339.5
	9	0.24307E-03	0.71425E-03	0.75447E-03	18.7
	10	-0.31357E-02	-0.82287E-03	0.32419E-02	255.2

MAX= 0.22761E 00 MIN= 0.37833E-01 PEAK TO PEAK/2= 0.94888E-01



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

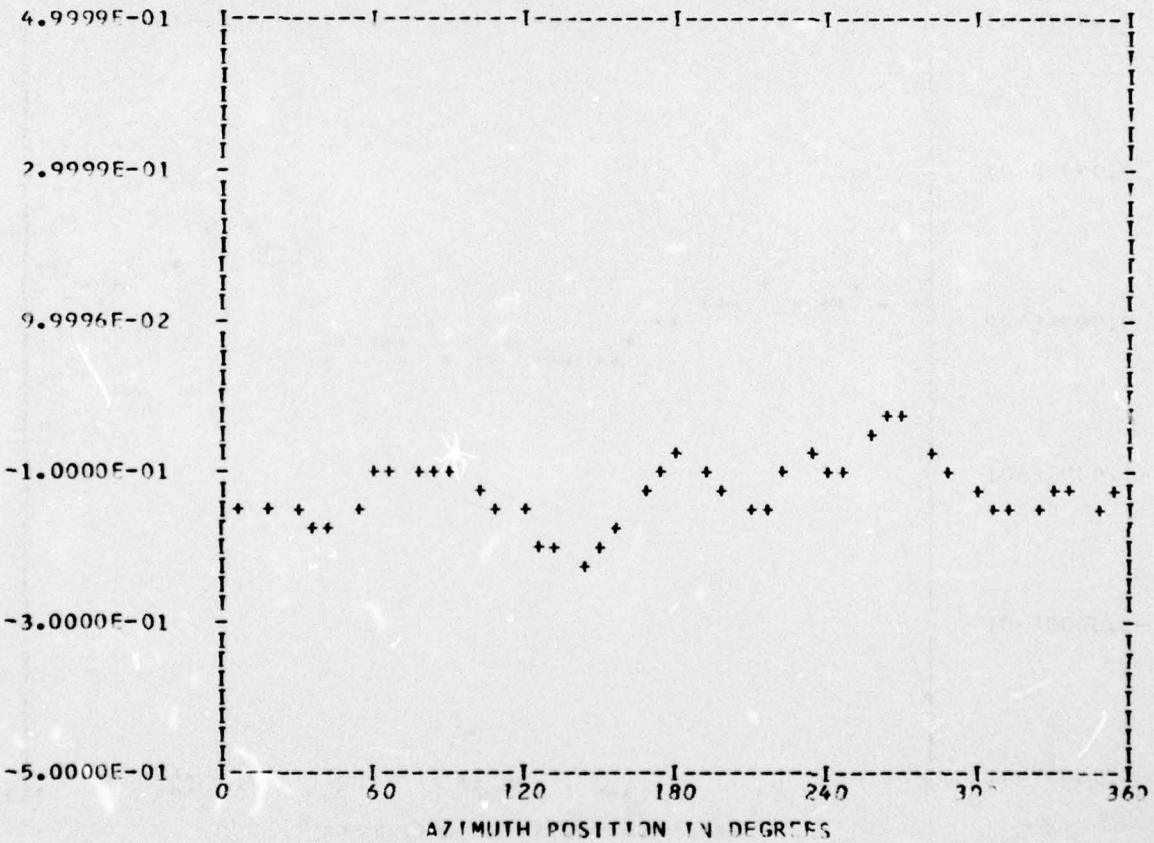
*** PS107.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 3
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12550E 00	1	-0.65591E-02	-0.28627E-01	0.29369E-01	192.9
	2	-0.15885E-01	0.27267E-01	0.31557E-01	329.7
	3	-0.58515E-02	0.48340E-03	0.58715E-02	274.7
	4	0.25213E-01	-0.28535E-01	0.38078E-01	138.5
	5	-0.44562E-02	0.31822E-02	0.54762E-02	305.5
	6	0.20075E-02	-0.28880E-02	0.35172E-02	145.1
	7	0.67171E-02	0.11289E-01	0.13136E-01	30.7
	8	0.72545E-02	-0.33823E-02	0.80043E-02	114.9
	9	-0.59053E-02	0.50376E-02	0.77621E-02	310.4
	10	0.36281E-02	-0.14507E-02	0.39073E-02	111.7

MAX=-0.16949E-01 MIN=-0.21259E 00 PEAK TO PEAK/2= 0.97823E-01



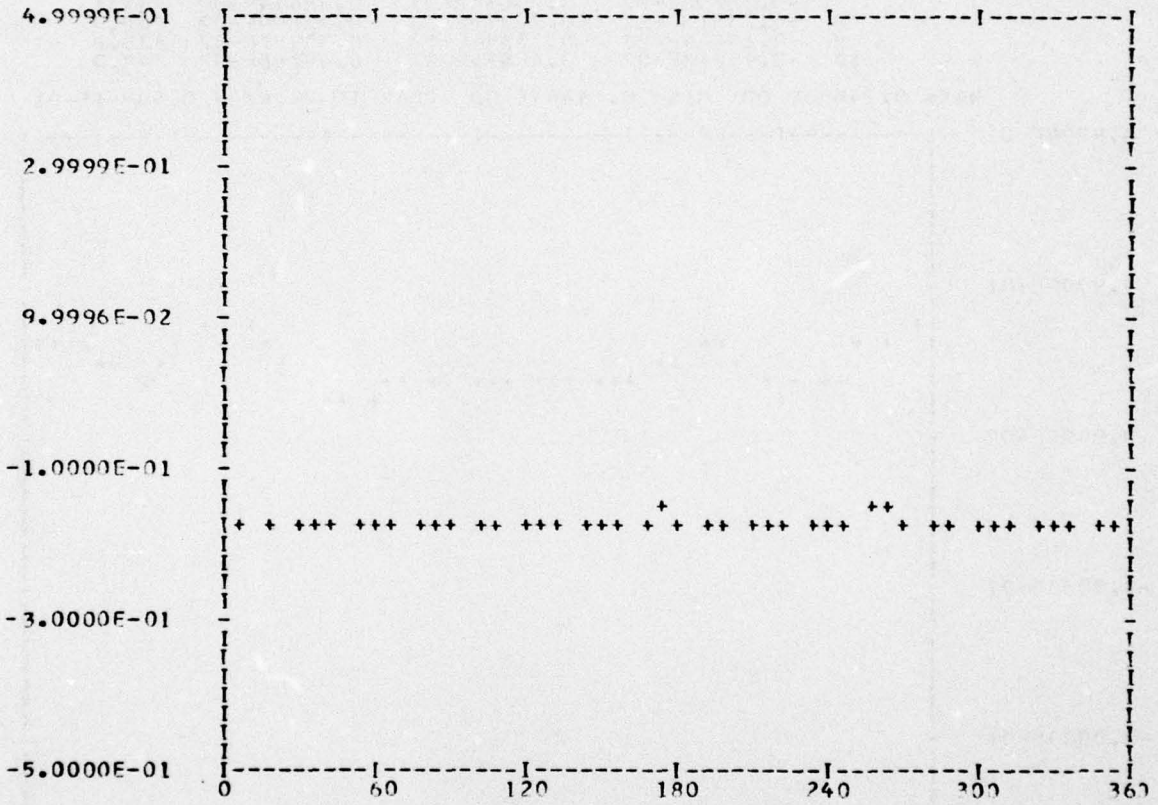
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS107.4 WAVEFORM ***
** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	20
ENTERED	44	TP	3
OUT OF RANGE	0	CHAN	52
BANDEDGE	41		

HARMONIC ANALYSIS SKIPPED

MAX=-0.15673E 00 MIN=-0.16290E 00 PEAK TO PEAK/2= 0.30827E-02



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

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

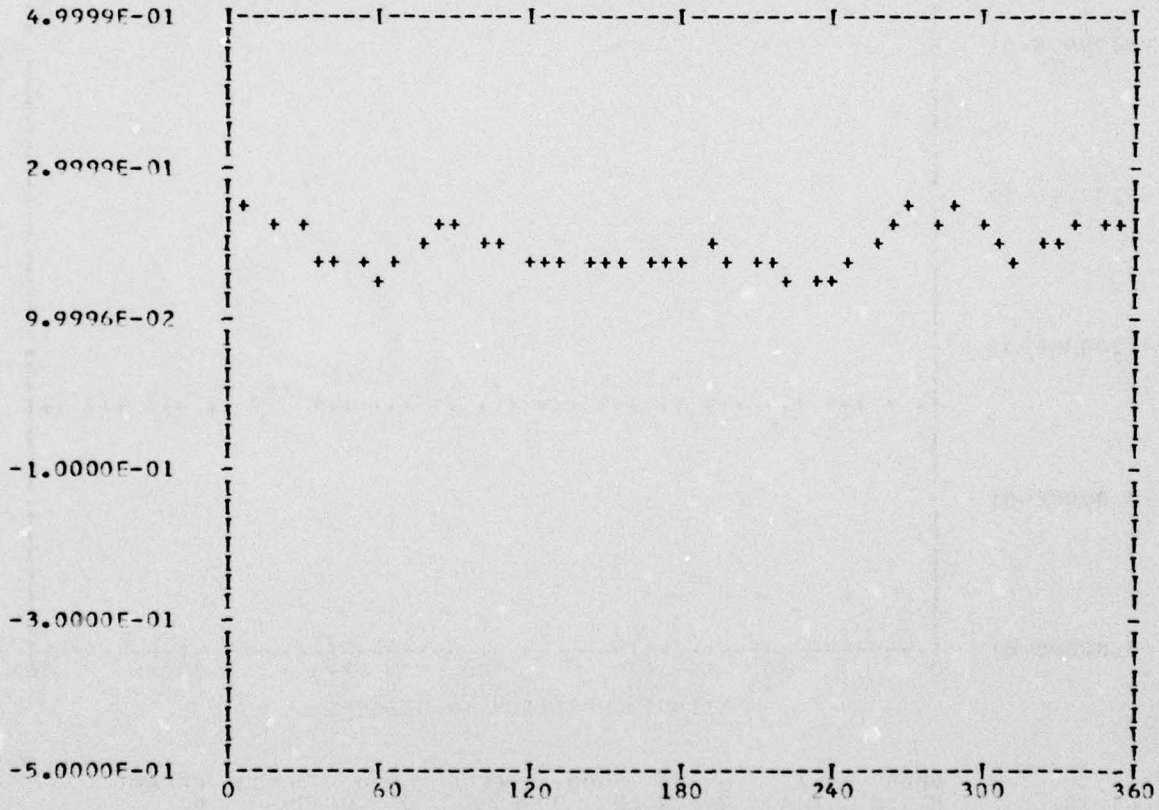
*** PS107.5 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 3
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.19464E 00	1	0.19437E-01	-0.87484E-02	0.21315E-01	114.2
	2	-0.19499E-02	-0.11628E-01	0.11790E-01	189.5
	3	0.35415E-02	0.34085E-02	0.49153E-02	46.0
	4	0.26211E-01	0.27459E-02	0.26354E-01	84.0
	5	0.34116E-02	-0.27168E-02	0.43612E-02	128.5
	6	-0.84706E-02	0.42763E-02	0.94888E-02	296.7
	7	-0.28298E-02	0.25659E-03	0.28414E-02	275.1
	8	-0.23518E-02	-0.29275E-03	0.23699E-02	262.9
	9	-0.13464E-02	0.33334E-02	0.35951E-02	338.0
	10	-0.14812E-02	0.45834E-02	0.48168E-02	342.0

MAX= 0.24655E 00 MIN= 0.14467E 00 PEAK TO PEAK/2= 0.50941E-01



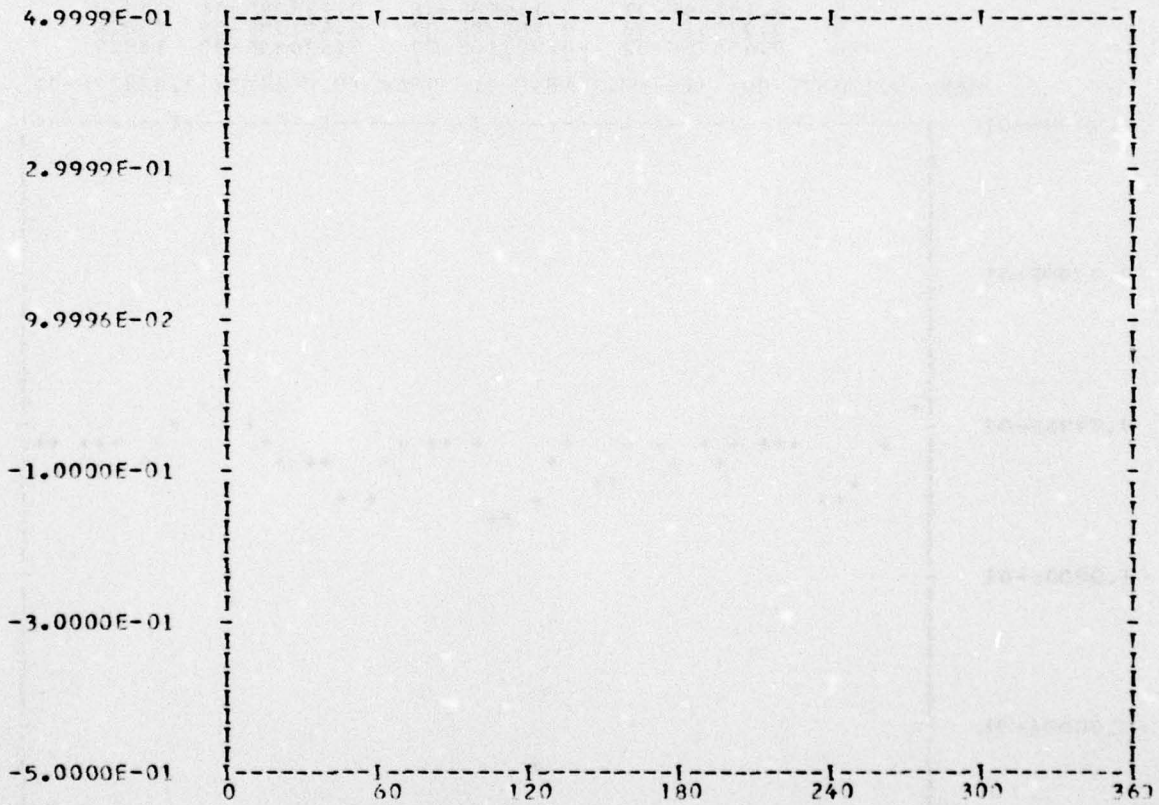
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS107.6 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	20
ENTERED	44	TP	3
OUT OF RANGE	44	CHAN	50
BANDEDGE	44		

HARMONIC ANALYSIS SKIPPED

MAX= 0.10758E 01 MIN= 0.53790E 00 PEAK TO PEAK/2= 0.26895E 00



AZIMUTH POSITION IN DEGREES

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

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

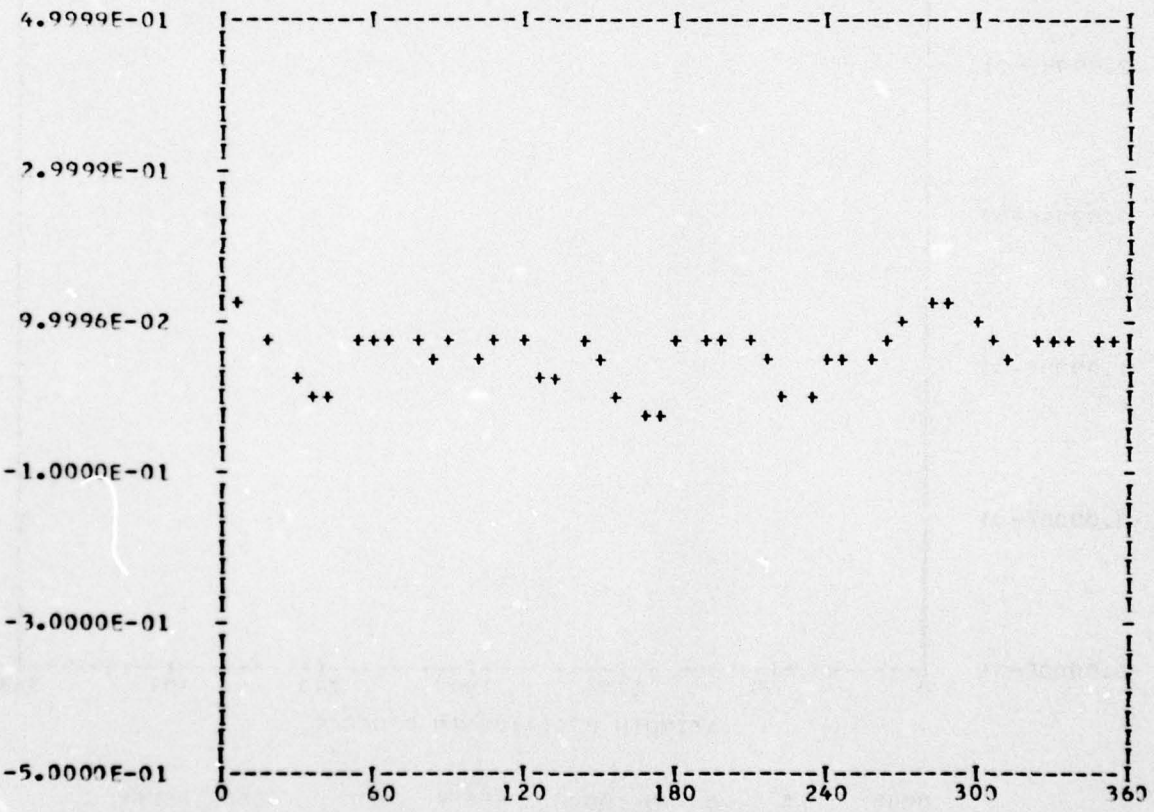
*** PS112.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 3
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.56924E-01	1	0.16812E-01	-0.13847E-01	0.21780E-01	129.4
	2	-0.14012E-01	-0.40435E-02	0.14584E-01	253.9
	3	-0.86252E-02	-0.48566E-02	0.98986E-02	240.5
	4	0.20350E-01	-0.15106E-02	0.20415E-01	94.2
	5	-0.11538E-02	-0.22193E-01	0.22223E-01	182.9
	6	0.10072E-01	0.31831E-02	0.10563E-01	72.4
	7	-0.18751E-02	0.21890E-03	0.18878E-02	276.6
	8	0.19344E-01	0.13498E-01	0.23588E-01	55.0
	9	-0.97341E-03	0.59378E-02	0.60170E-02	350.6
	10	0.45576E-02	-0.25210E-02	0.52084E-02	118.9

MAX= 0.13367E 00 MIN=-0.34184E-01 PEAK TO PEAK/2= 0.83927E-01



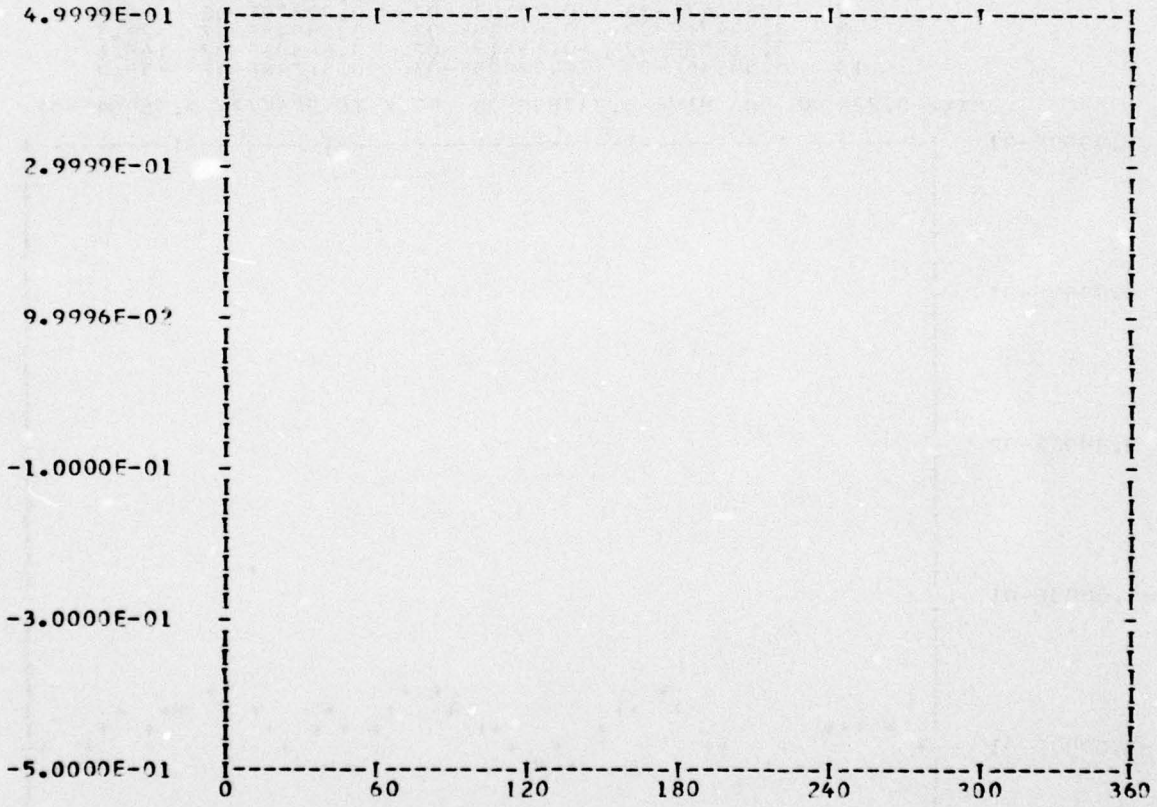
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS112.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			
ENTERED	44	RUN	20
OUT OF RANGE	44	TP	3
BANDEDGE	44	CHAN	48

HARMONIC ANALYSIS SKIPPED

MAX= 0.10643E 01 MIN= 0.53215E 00 PEAK TO PEAK/2= 0.26607E 00



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

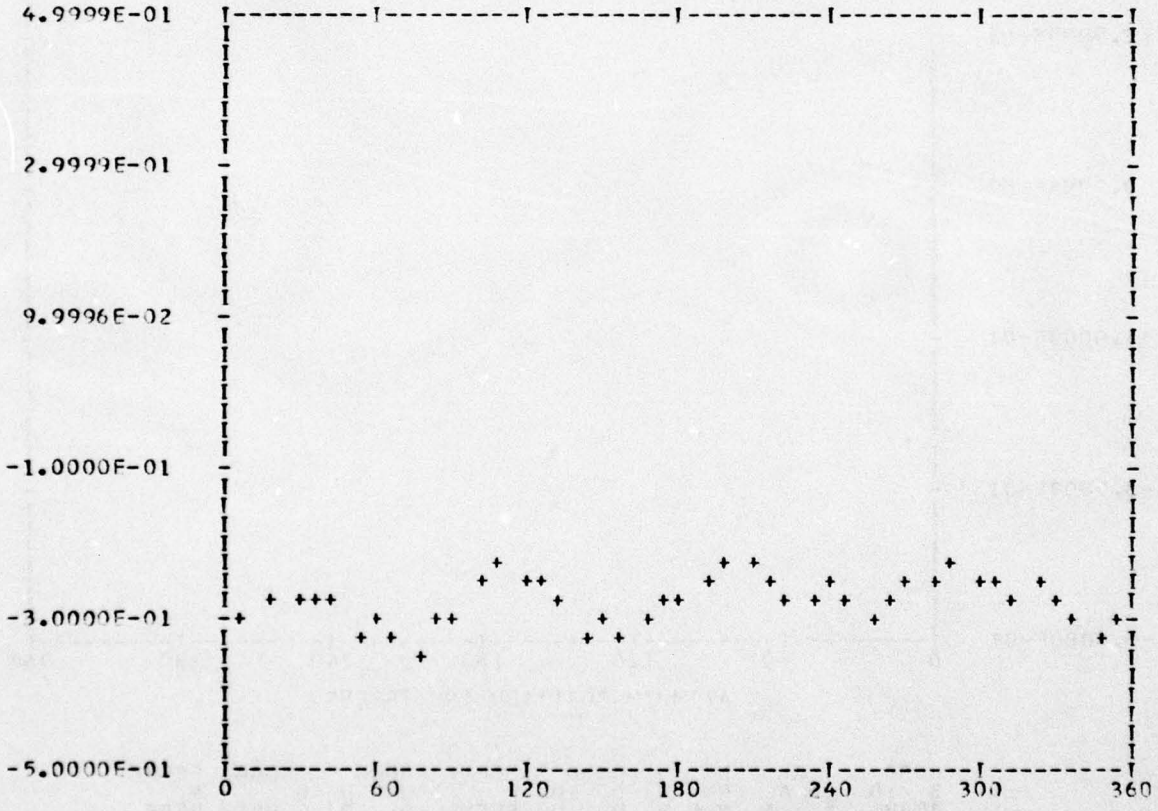
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS117.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			RUN 20
ENTERED	44		TP 3
OUT OF RANGE	0		CHAN 57
BANDEDGE	0		

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.27703E 00	1	-0.97077E-02	-0.16489E-01	0.19134E-01	210.4
	2	-0.54653E-02	-0.22289E-02	0.59024E-02	247.8
	3	-0.12747E-02	-0.57622E-02	0.59015E-02	192.4
	4	0.10204E-01	0.27328E-01	0.29171E-01	20.4
	5	-0.89515E-02	0.31237E-02	0.94809E-02	289.2
	6	-0.15587E-02	-0.57268E-02	0.59352E-02	195.2
	7	0.35047E-03	0.22103E-02	0.22379E-02	9.0
	8	0.24471E-02	0.61239E-02	0.65948E-02	21.7
	9	0.11903E-02	-0.65417E-02	0.66491E-02	169.6
	10	-0.50346E-02	-0.97825E-03	0.51288E-02	259.0

MAX=-0.22408E 00 MIN=-0.33789E 00 PEAK TO PEAK/2= 0.56904E-01



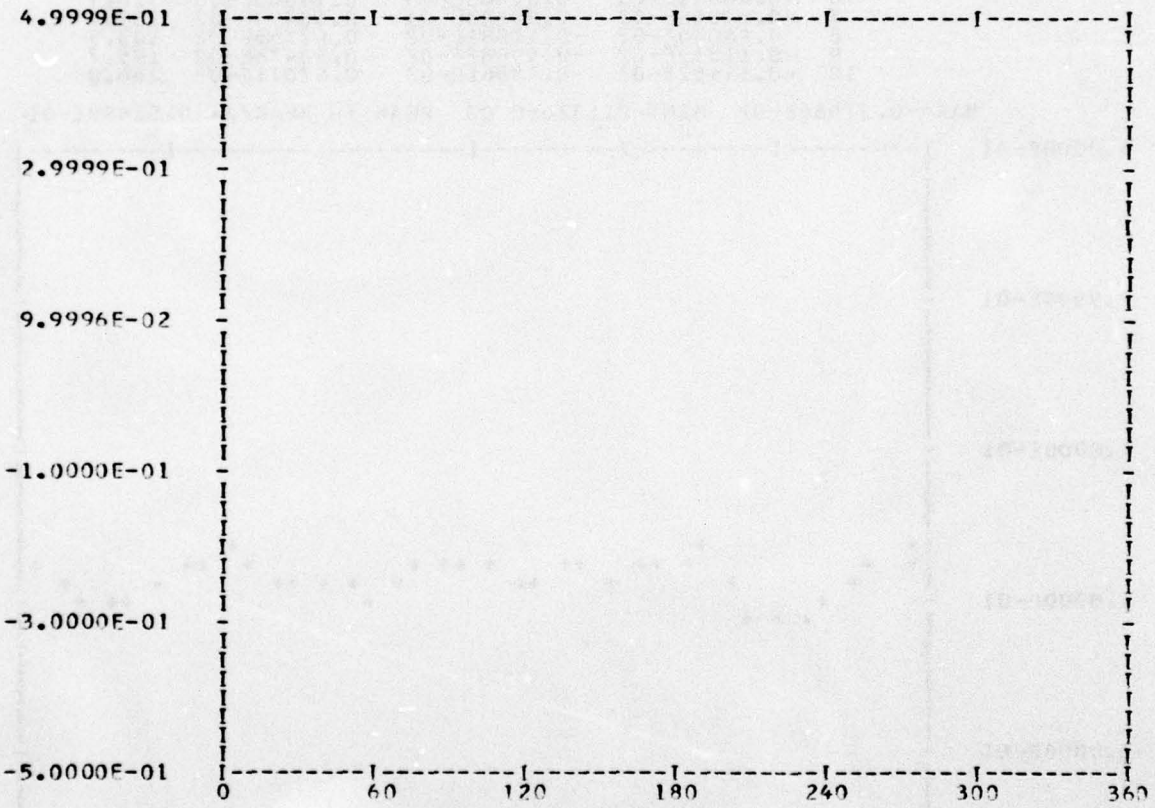
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS117.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	20
ENTERED	44	TP	3
OUT OF RANGE	44	CHAN	53
BANDEDGE	40		

HARMONIC ANALYSIS SKIPPED

MAX=-0.53053E 00 MIN=-0.53261E 00 PEAK TO PEAK/2= 0.10405E-02



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

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

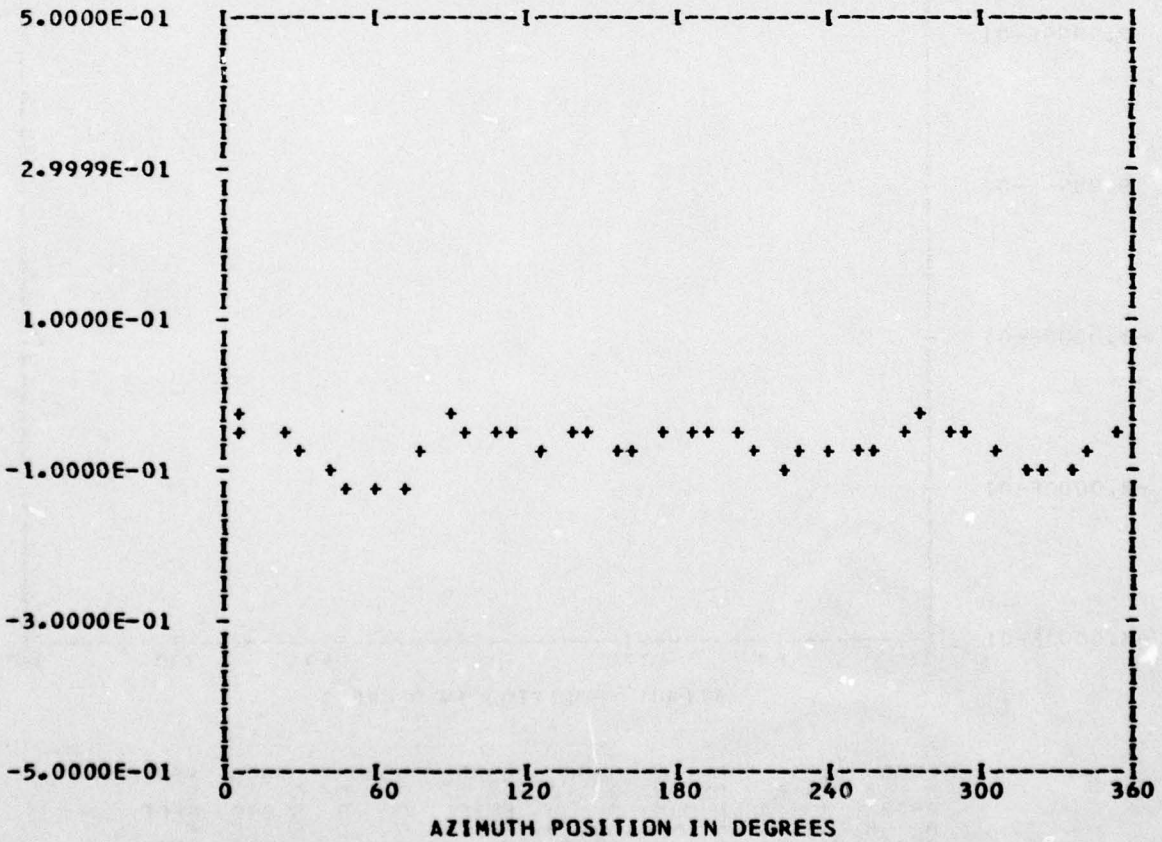
*** PS081.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.67950E-01	1	-0.80127E-02	0.14409E-02	0.81412E-02	280.1
	2	-0.22399E-03	-0.90131E-02	0.90159E-02	181.4
	3	0.13700E-01	0.16419E-02	0.13798E-01	83.1
	4	0.27179E-01	0.32665E-02	0.27375E-01	83.1
	5	0.60402E-02	0.41031E-02	0.73020E-02	55.8
	6	-0.40593E-03	0.61968E-03	0.74080E-03	326.7
	7	-0.67896E-02	-0.90223E-03	0.68493E-02	262.4
	8	0.46040E-02	-0.11081E-02	0.47355E-02	103.5
	9	-0.11535E-02	-0.40882E-02	0.42478E-02	195.7
	10	-0.64452E-03	0.18561E-03	0.67071E-03	286.0

MAX=-0.27666E-01 MIN=-0.13266E 00 PEAK TO PEAK/2= 0.52499E-01



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

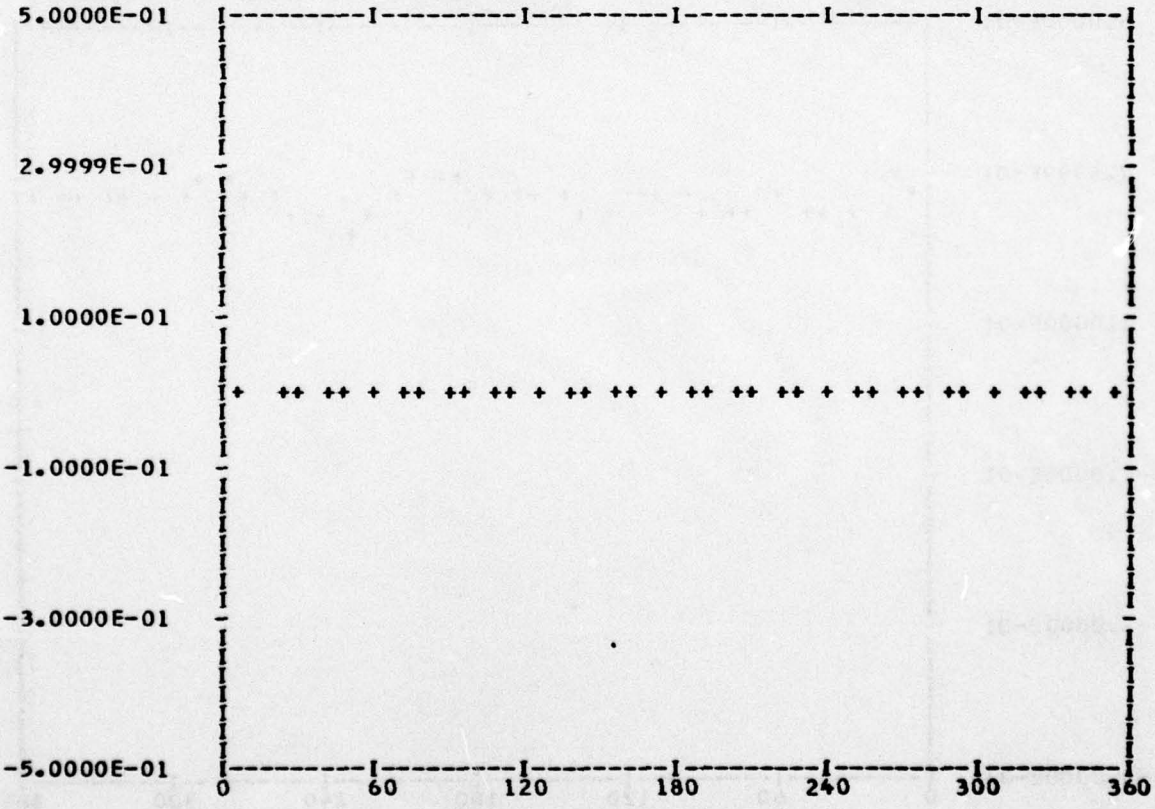
*** PS081.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14139E-02	1	0.82840E-04	-0.11814E-03	0.14429E-03	144.9
	2	0.16894E-03	-0.15301E-03	0.22794E-03	132.1
	3	-0.13743E-03	-0.22230E-03	0.26136E-03	211.7
	4	-0.13895E-03	0.28687E-04	0.14189E-03	281.6
	5	0.13291E-03	0.91868E-04	0.16157E-03	55.3
	6	-0.13560E-04	0.79418E-04	0.80567E-04	350.3
	7	0.27533E-03	-0.56988E-05	0.27539E-03	91.1
	8	-0.75480E-04	-0.65065E-04	0.99653E-04	229.2
	9	0.15623E-03	0.63186E-04	0.16852E-03	67.9
	10	0.13737E-03	-0.21156E-03	0.25225E-03	147.0

MAX= 0.78489E-03 MIN=-0.28185E-02 PEAK TO PEAK/2= 0.18017E-02



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

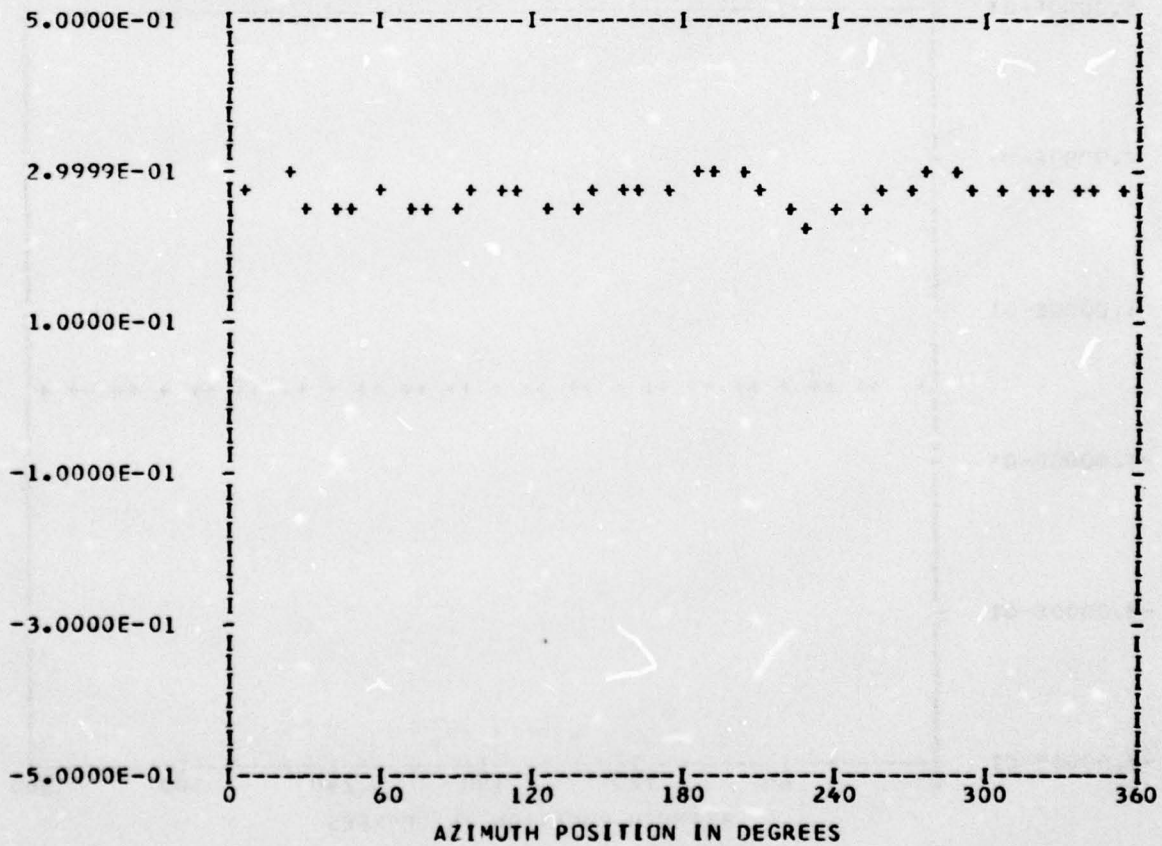
*** PS081.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.27122E 00	1	-0.18507E-03	-0.56852E-02	0.56882E-02	181.8
	2	0.79017E-02	-0.87023E-02	0.11754E-01	137.7
	3	-0.34312E-02	0.20800E-02	0.40125E-02	301.2
	4	0.13541E-01	0.43819E-02	0.14233E-01	72.0
	5	-0.34187E-02	-0.46269E-02	0.57529E-02	216.4
	6	-0.34862E-02	0.17819E-02	0.39152E-02	297.0
	7	0.31721E-02	0.88185E-03	0.32924E-02	74.4
	8	-0.21428E-02	0.71671E-02	0.74806E-02	343.3
	9	0.67136E-03	0.10453E-02	0.12423E-02	32.7
	10	-0.20261E-02	-0.11595E-02	0.23344E-02	240.2

MAX= 0.30556E 00 MIN= 0.22714E 00 PEAK TO PEAK/2= 0.39208E-01



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

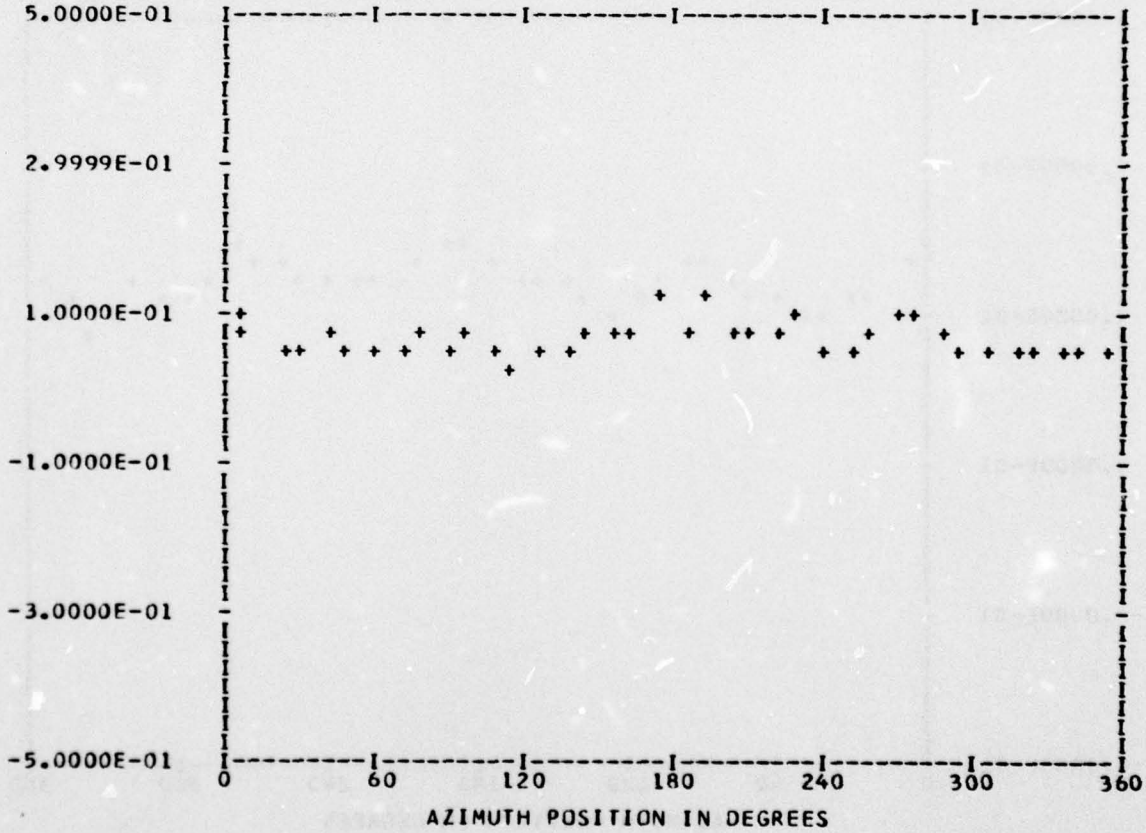
*** PS089.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.66789E-01	1	-0.11543E-01	-0.57651E-02	0.12903E-01	243.4
	2	0.81092E-02	0.41372E-02	0.91036E-02	62.9
	3	-0.49204E-02	0.60429E-02	0.77928E-02	320.8
	4	0.13579E-01	-0.78986E-03	0.13602E-01	93.3
	5	0.35508E-02	0.24059E-03	0.35589E-02	86.1
	6	-0.25883E-03	0.14480E-02	0.14709E-02	349.8
	7	-0.20771E-02	0.39504E-02	0.44632E-02	332.2
	8	0.88116E-02	0.35809E-02	0.95114E-02	67.8
	9	-0.13959E-02	-0.17737E-02	0.22571E-02	218.2
	10	0.11299E-02	0.43407E-02	0.44854E-02	14.5

MAX= 0.12544E 00 MIN= 0.35193E-01 PEAK TO PEAK/2= 0.45127E-01



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

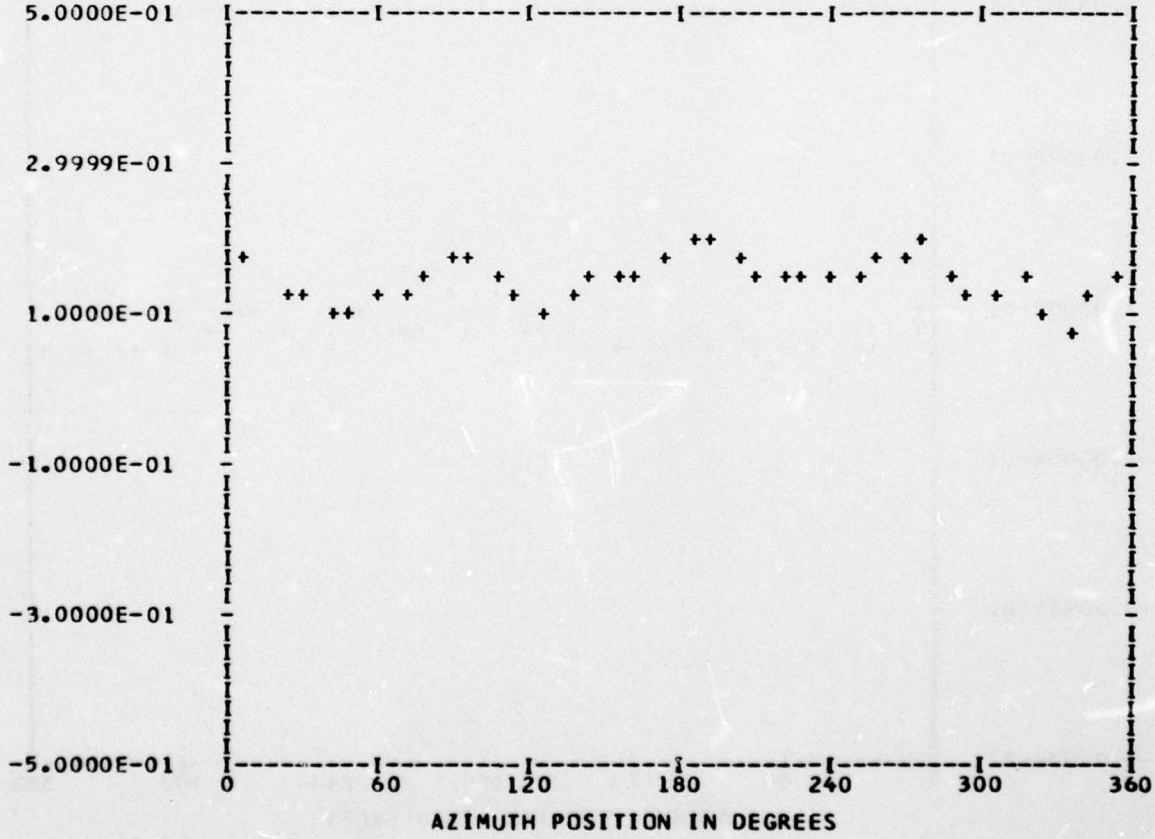
*** PS099.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.14378E 00	1	-0.16492E-01	-0.51507E-02	0.17278E-01	252.6
	2	0.17391E-02	0.56960E-02	0.59555E-02	16.9
	3	-0.38417E-02	0.48789E-02	0.62099E-02	321.7
	4	0.26186E-01	-0.96449E-02	0.27909E-01	110.2
	5	0.73558E-02	0.27002E-02	0.78358E-02	69.8
	6	0.41671E-02	0.29798E-02	0.51229E-02	54.4
	7	0.44568E-02	-0.44845E-02	0.63225E-02	135.1
	8	0.93517E-02	-0.71750E-02	0.11787E-01	127.4
	9	-0.24025E-02	-0.27903E-02	0.36821E-02	220.7
	10	-0.51414E-02	-0.12676E-02	0.52954E-02	256.1

MAX= 0.19511E 00 MIN= 0.68738E-01 PEAK TO PEAK/2= 0.63190E-01



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

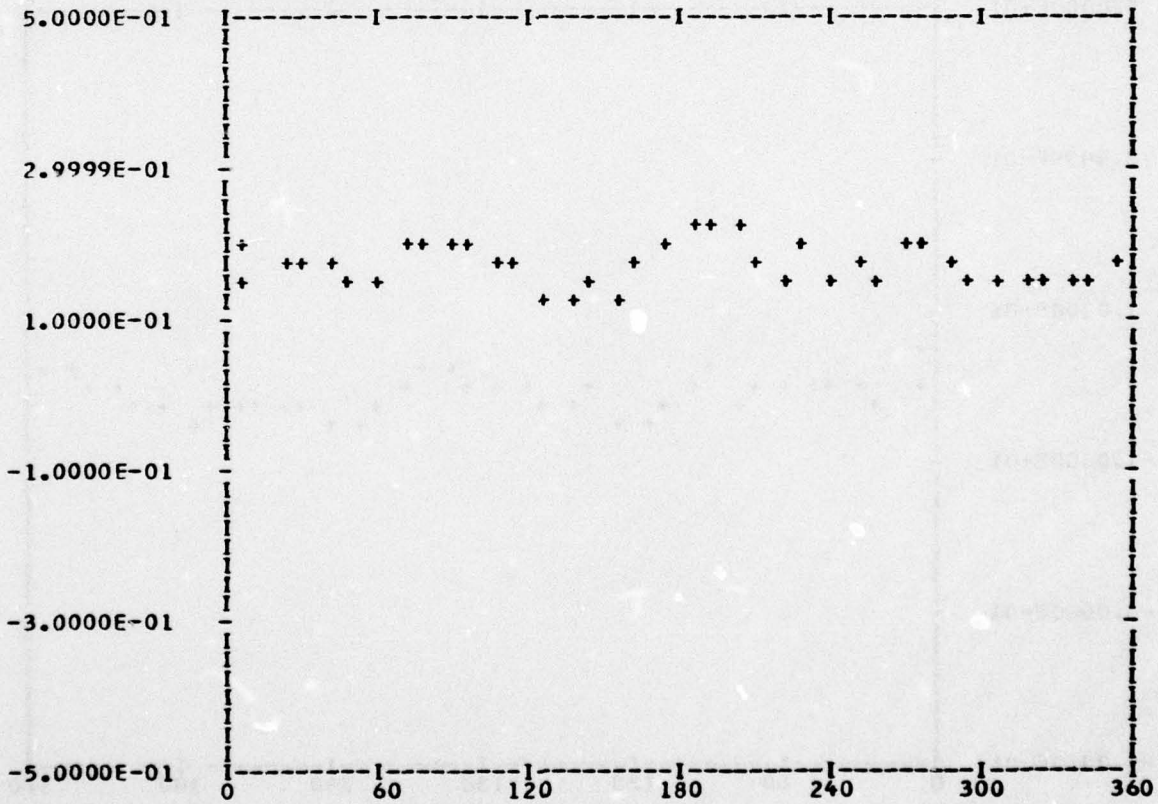
*** PS099.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.17291E 00	1	-0.71075E-02	0.22483E-03	0.71111E-02	271.8
	2	0.33919E-02	0.14032E-01	0.14436E-01	13.5
	3	-0.10286E-01	-0.67852E-02	0.12322E-01	236.5
	4	0.25386E-01	0.87191E-03	0.25401E-01	88.0
	5	-0.34367E-02	-0.89505E-03	0.35513E-02	255.4
	6	-0.57556E-03	-0.17799E-02	0.18706E-02	197.9
	7	-0.39934E-02	0.10587E-02	0.41314E-02	284.8
	8	0.75745E-02	-0.67627E-05	0.75745E-02	90.0
	9	0.17394E-02	-0.91494E-02	0.93133E-02	169.2
	10	0.32511E-02	-0.30070E-02	0.44286E-02	132.7

MAX= 0.22808E 00 MIN= 0.12195E 00 PEAK TO PEAK/2= 0.53065E-01



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

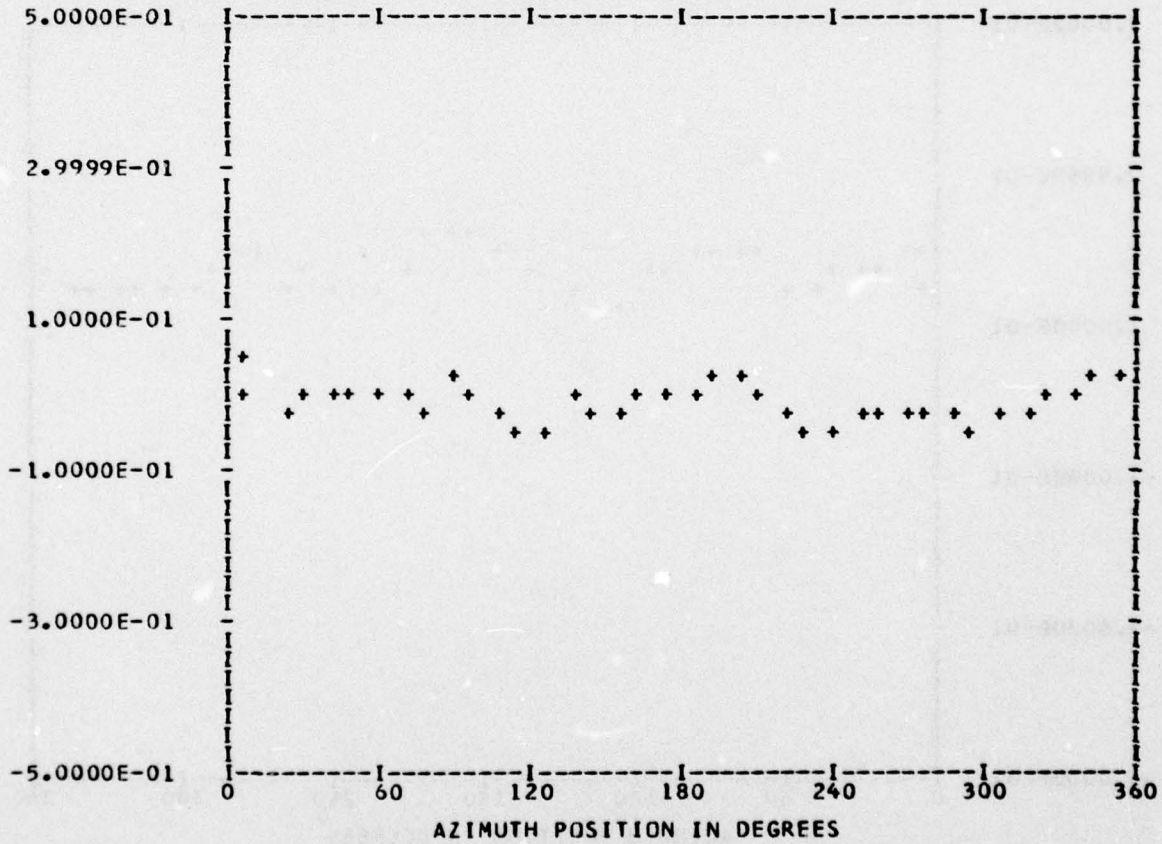
*** PS099.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12067E-01	1	0.96343E-02	0.86626E-02	0.12956E-01	48.0
	2	0.18526E-01	-0.71183E-03	0.18539E-01	92.2
	3	-0.88240E-02	-0.42519E-02	0.97950E-02	244.2
	4	0.10438E-01	-0.77866E-02	0.13022E-01	126.7
	5	0.71867E-03	-0.73961E-02	0.74310E-02	174.4
	6	-0.11883E-02	0.60780E-02	0.61931E-02	348.9
	7	0.72053E-03	-0.82422E-02	0.82737E-02	175.0
	8	0.76485E-02	-0.96436E-03	0.77091E-02	97.1
	9	0.31594E-02	0.15376E-02	0.35137E-02	64.0
	10	-0.38061E-02	-0.10729E-02	0.39544E-02	254.2

MAX= 0.39802E-01 MIN=-0.57407E-01 PEAK TO PEAK/2= 0.48604E-01



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

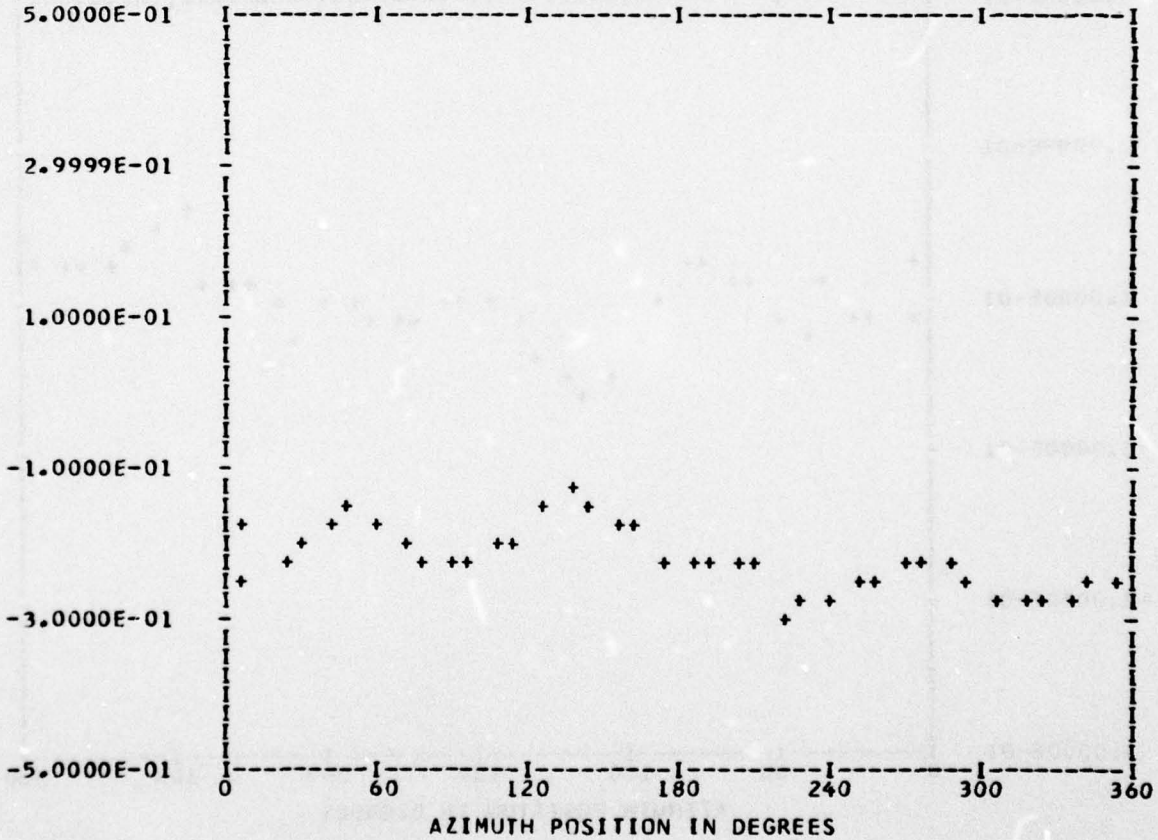
*** PS107.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22012E 00	1	-0.50347E-02	0.38199E-01	0.38530E-01	352.4
	2	-0.15291E-02	-0.41100E-02	0.43852E-02	200.4
	3	0.73415E-02	0.31828E-01	0.32663E-01	12.9
	4	-0.20976E-02	0.49604E-02	0.53857E-02	337.0
	5	-0.25979E-02	-0.17912E-01	0.18100E-01	188.2
	6	0.47571E-02	0.11742E-02	0.48999E-02	76.1
	7	-0.14979E-03	-0.20359E-02	0.20414E-02	184.2
	8	0.42502E-02	0.15819E-02	0.45351E-02	69.5
	9	0.72388E-02	0.12239E-02	0.73416E-02	80.4
	10	-0.32727E-02	0.39935E-02	0.51632E-02	320.6

MAX=-0.13177E 00 MIN=-0.28832E 00 PEAK TO PEAK/2= 0.78271E-01



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

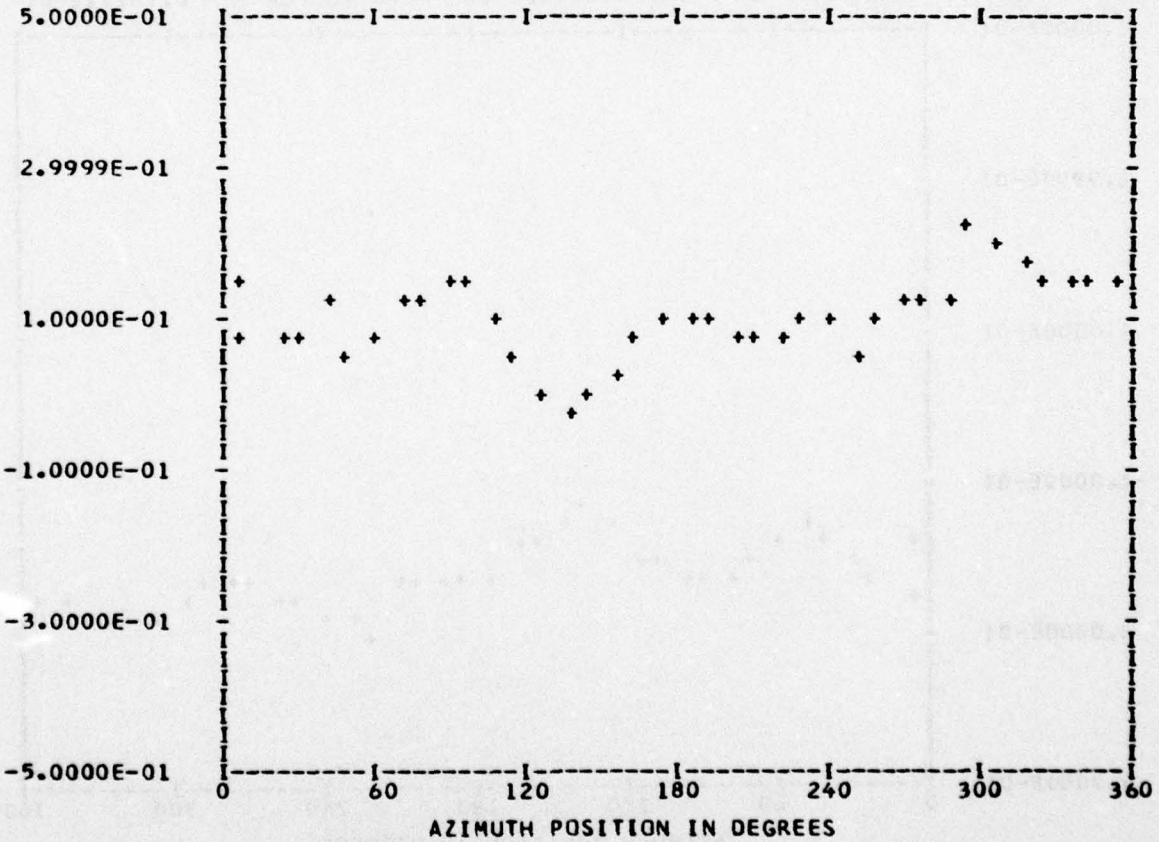
*** PS107.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.10255E 00	1	0.33506E-01	-0.35946E-01	0.49141E-01	137.0
	2	-0.85296E-02	-0.36663E-02	0.92841E-02	246.7
	3	-0.33177E-01	-0.16917E-01	0.37241E-01	242.9
	4	0.18827E-01	-0.11880E-01	0.22262E-01	122.2
	5	0.94151E-02	0.15599E-01	0.18220E-01	31.1
	6	-0.62381E-02	-0.10945E-01	0.12598E-01	209.6
	7	-0.28147E-02	-0.66059E-02	0.71806E-02	203.0
	8	-0.54719E-02	-0.64615E-02	0.84671E-02	220.2
	9	-0.77582E-02	-0.41561E-02	0.88013E-02	241.8
	10	0.21498E-02	0.15641E-02	0.26586E-02	53.9

MAX= 0.21255E 00 MIN=-0.33629E-01 PEAK TO PEAK/2= 0.12309E 00



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

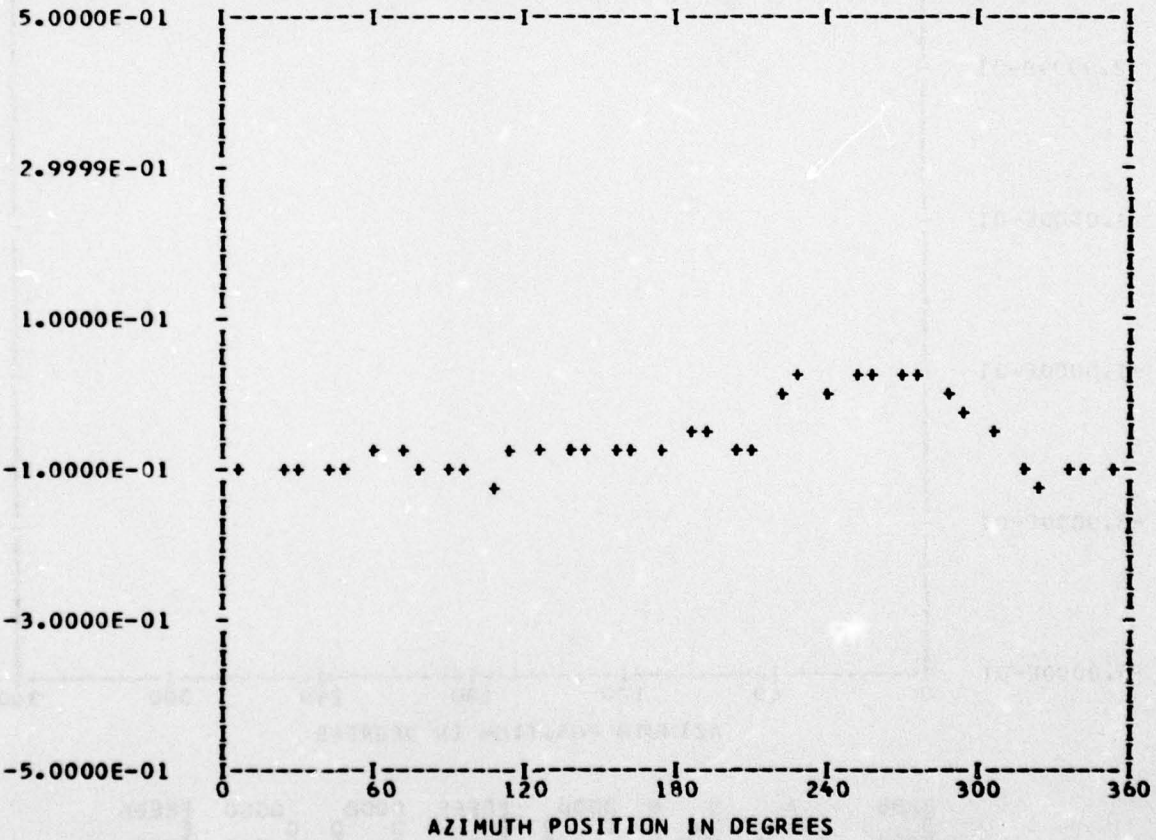
*** PS107.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.65384E-01	1	-0.29704E-01	-0.42244E-01	0.51642E-01	215.1
	2	-0.17988E-01	0.21343E-01	0.27912E-01	319.8
	3	0.88365E-02	0.14811E-01	0.17247E-01	30.8
	4	-0.23200E-02	-0.14488E-02	0.27352E-02	238.0
	5	0.63857E-02	-0.42904E-02	0.76932E-02	123.8
	6	0.26918E-02	-0.77345E-02	0.81896E-02	160.8
	7	-0.49073E-03	0.51155E-02	0.51390E-02	354.5
	8	0.13282E-02	-0.34239E-03	0.13716E-02	104.4
	9	-0.50070E-02	0.47562E-02	0.69059E-02	313.5
	10	0.50301E-02	0.32320E-02	0.59790E-02	57.2

MAX= 0.33644E-01 MIN=-0.12061E 00 PEAK TO PEAK/2= 0.77128E-01



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

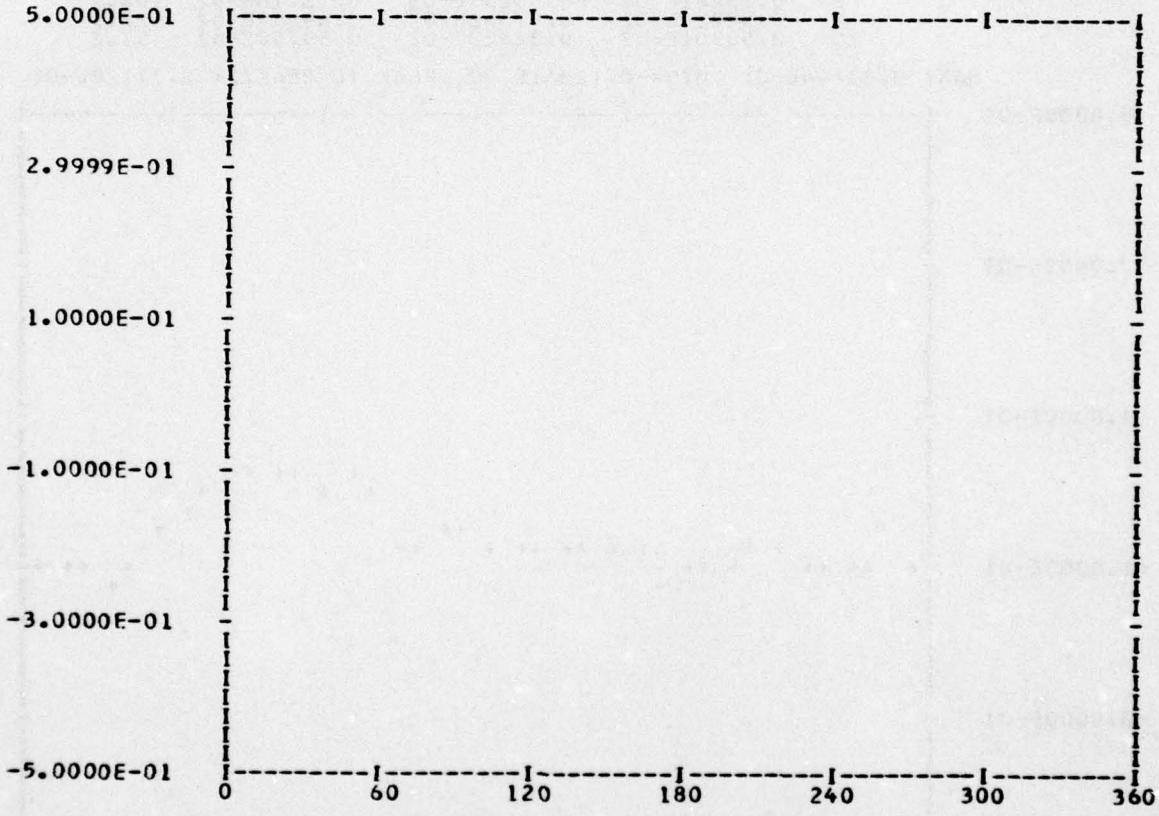
*** PS107.4 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 38
OUT OF RANGE 38
BANDEDGE 25

RUN 21
TP 3
CHAN 52

HARMONIC ANALYSIS SKIPPED

MAX=-0.28616E 00 MIN=-0.59994E 00 PEAK TO PEAK/2= 0.15689E 00



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

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

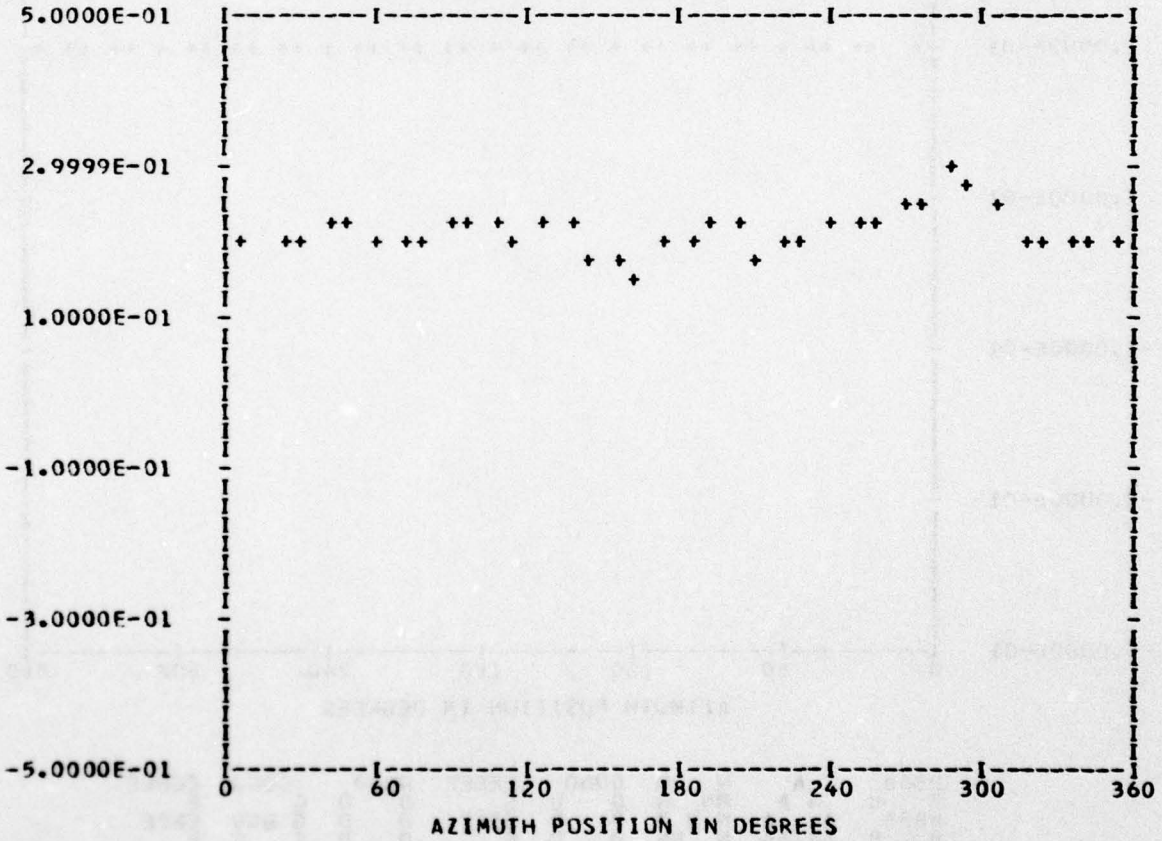
*** PS107.5 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.21138E 00	1	0.71520E-02	-0.15579E-01	0.17142E-01	155.3
	2	-0.22970E-01	0.37080E-03	0.22973E-01	270.9
	3	-0.68316E-02	0.77231E-02	0.10311E-01	318.5
	4	0.80429E-02	0.14233E-01	0.16348E-01	29.4
	5	-0.17053E-02	-0.50768E-02	0.53556E-02	198.5
	6	0.37215E-02	-0.54389E-02	0.65903E-02	145.6
	7	-0.91703E-02	-0.94930E-02	0.13198E-01	224.0
	8	0.25594E-02	0.20427E-02	0.32746E-02	51.4
	9	0.78794E-03	0.82038E-02	0.82415E-02	5.4
	10	-0.31084E-03	0.27704E-02	0.27877E-02	353.5

MAX= 0.29610E 00 MIN= 0.14950E 00 PEAK TO PEAK/2= 0.73297E-01



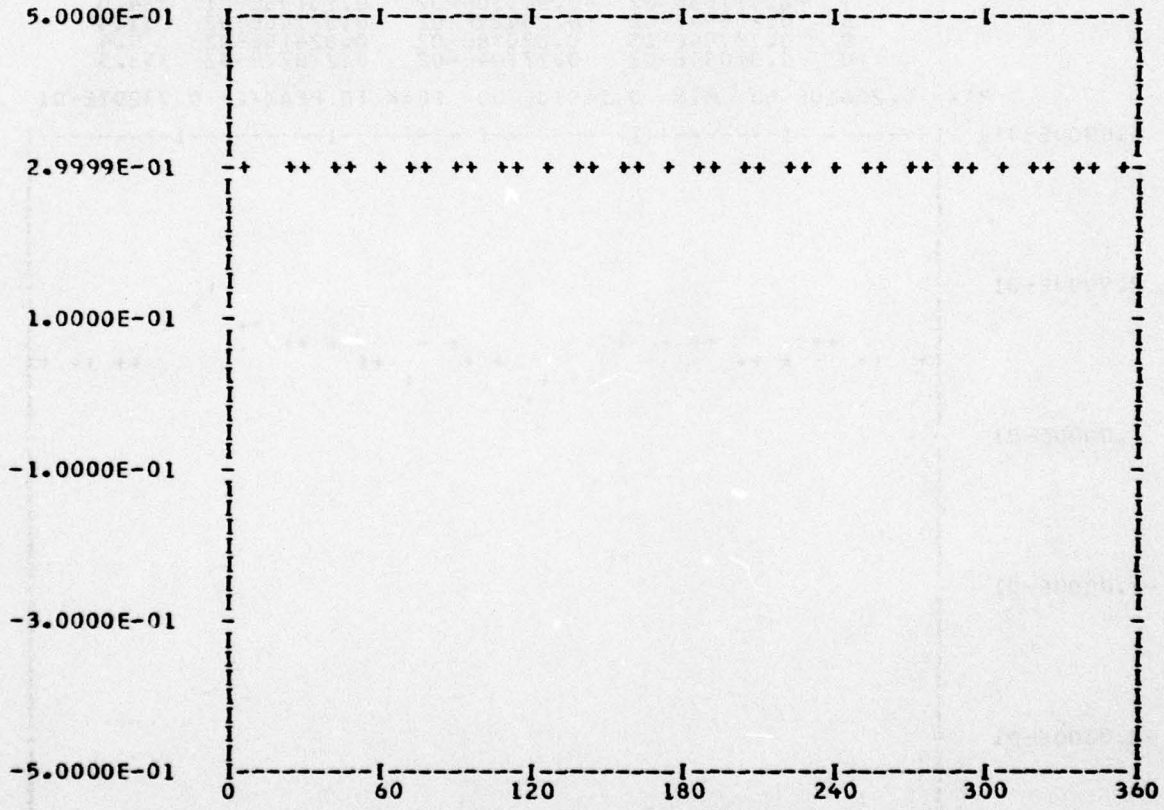
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS107.6 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			
ENTERED	38	RUN	21
OUT OF RANGE	0	TP	3
BANDEDGE	38	CHAN	50

HARMONIC ANALYSIS SKIPPED

MAX= 0.30244E 00 MIN= 0.30244E 00 PEAK TO PEAK/2= 0.00000E 00



AZIMUTH POSITION IN DEGREES

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B   B  AAAAA  N  NN  D   D  E      D   D  G   G  E
BBBB   A   A  N   N  DDDD   EEEEE  DDDD    GGGG  EEEEE
```

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

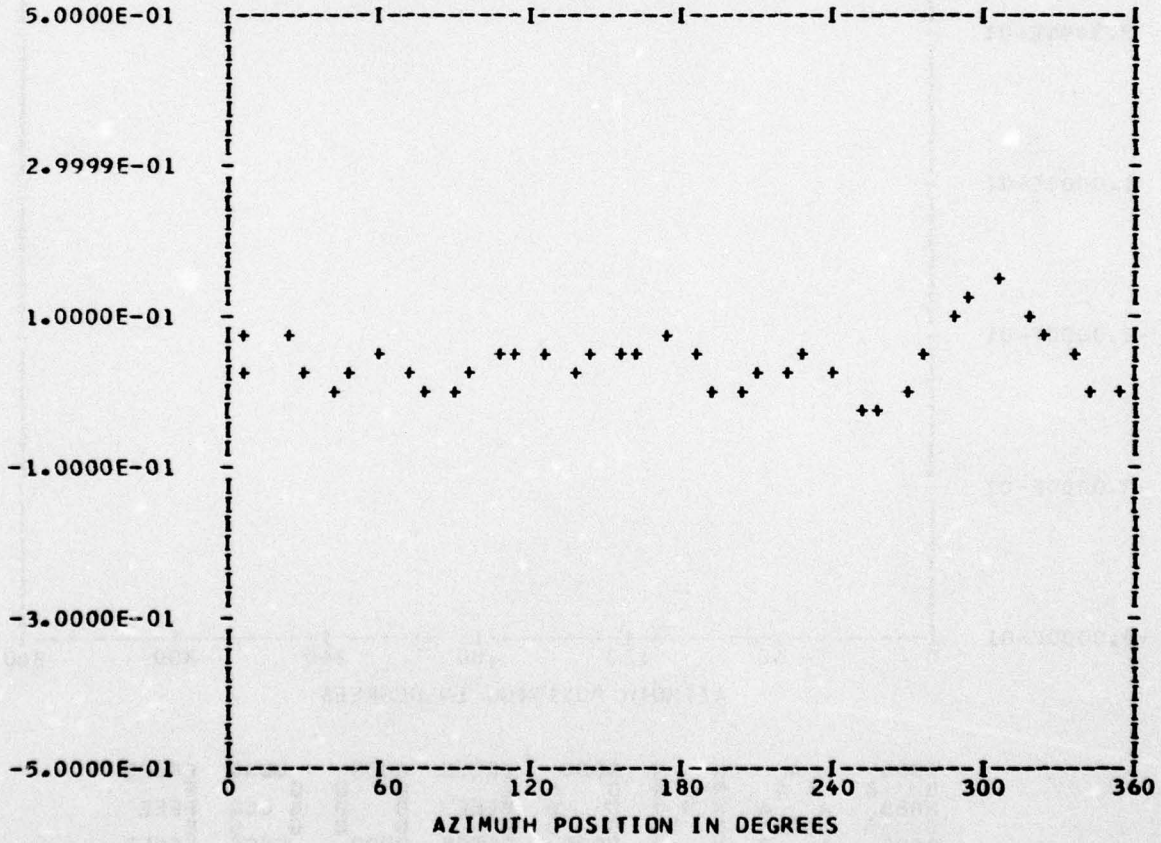
*** PS112.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.39033E-01	1	0.71696E-02	-0.82465E-02	0.10927E-01	138.9
	2	-0.70604E-02	-0.26043E-01	0.26983E-01	195.1
	3	-0.13310E-01	0.13136E-01	0.18701E-01	314.6
	4	-0.25599E-02	0.25036E-01	0.25167E-01	354.1
	5	0.18669E-01	0.95362E-02	0.20964E-01	62.9
	6	0.32607E-02	-0.11656E-01	0.12104E-01	164.3
	7	0.12677E-01	0.89155E-02	0.15498E-01	54.8
	8	0.52958E-02	0.60847E-02	0.80665E-02	41.0
	9	0.25409E-02	0.52104E-02	0.57969E-02	25.9
	10	-0.94581E-03	0.66984E-02	0.67649E-02	351.9

MAX= 0.13872E 00 MIN=-0.28846E-01 PEAK TO PEAK/2= 0.83785E-01



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

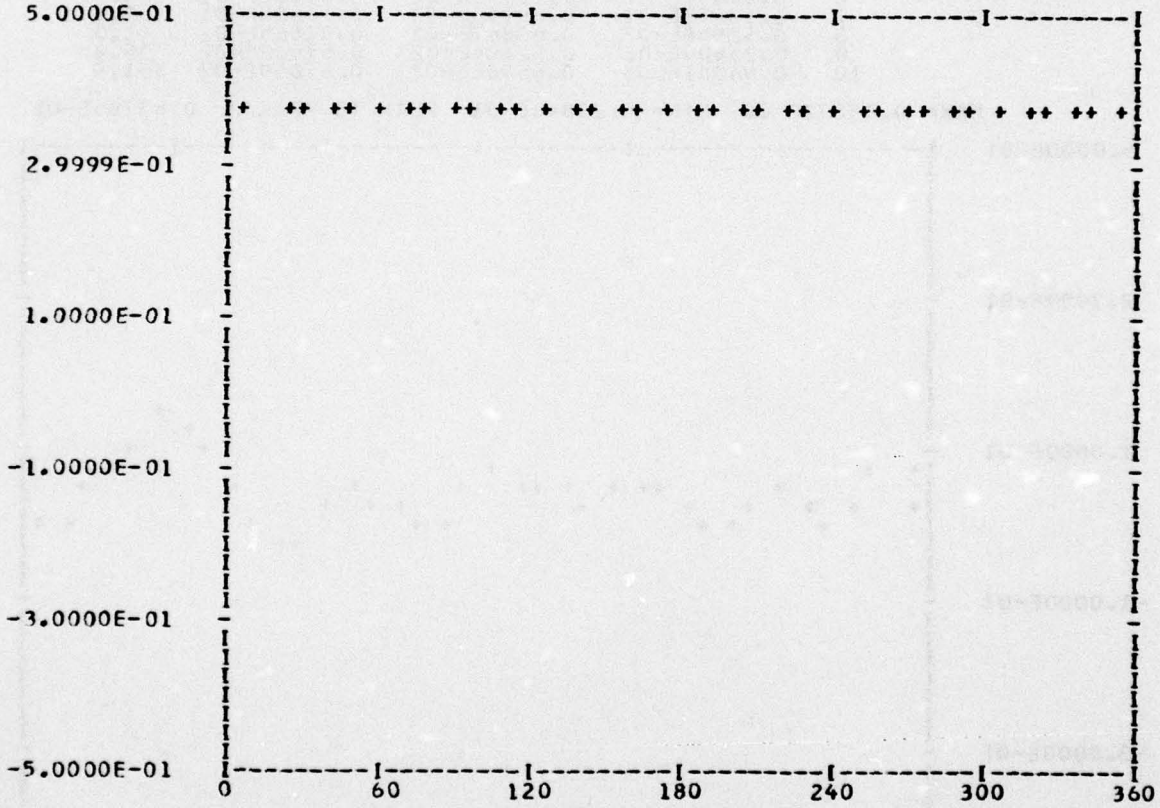
*** PS112.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 48

HARMONIC ANALYSIS SKIPPED

MAX= 0.38231E 00 MIN= 0.38231E 00 PEAK TO PEAK/2= 0.00000E 00

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B   B  AAAAA  N  NN  D   D  E      D   D  G   G  E
BBBB   A   A  N   N  DDDD   EEEEE  DDDD    GGGG  EEEEE
```

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

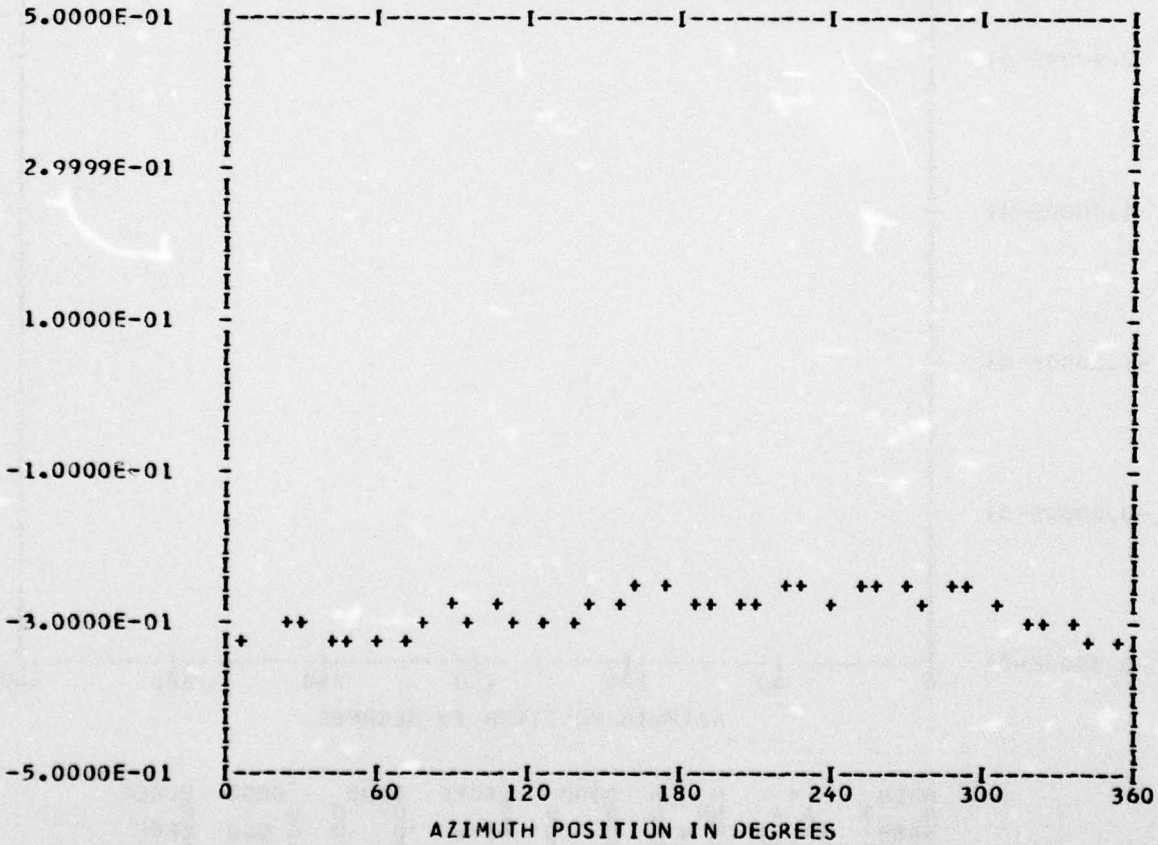
*** PS117.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 3
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28707E 00	1	-0.28433E-01	-0.18274E-01	0.33800E-01	237.2
	2	-0.10395E-01	0.10176E-02	0.10445E-01	275.5
	3	-0.24028E-02	0.47420E-02	0.53160E-02	333.1
	4	0.27441E-02	-0.65537E-03	0.28212E-02	103.4
	5	0.99858E-03	0.68029E-02	0.68758E-02	8.3
	6	-0.16129E-02	0.31264E-02	0.35180E-02	332.7
	7	0.43582E-03	0.19207E-02	0.19695E-02	12.7
	8	-0.47217E-02	0.10058E-02	0.48276E-02	282.0
	9	-0.70967E-03	0.15669E-02	0.17201E-02	335.6
	10	0.23639E-02	-0.10568E-02	0.25893E-02	114.0

MAX=-0.24135E 00 MIN=-0.33686E 00 PEAK TO PEAK/2= 0.47757E-01



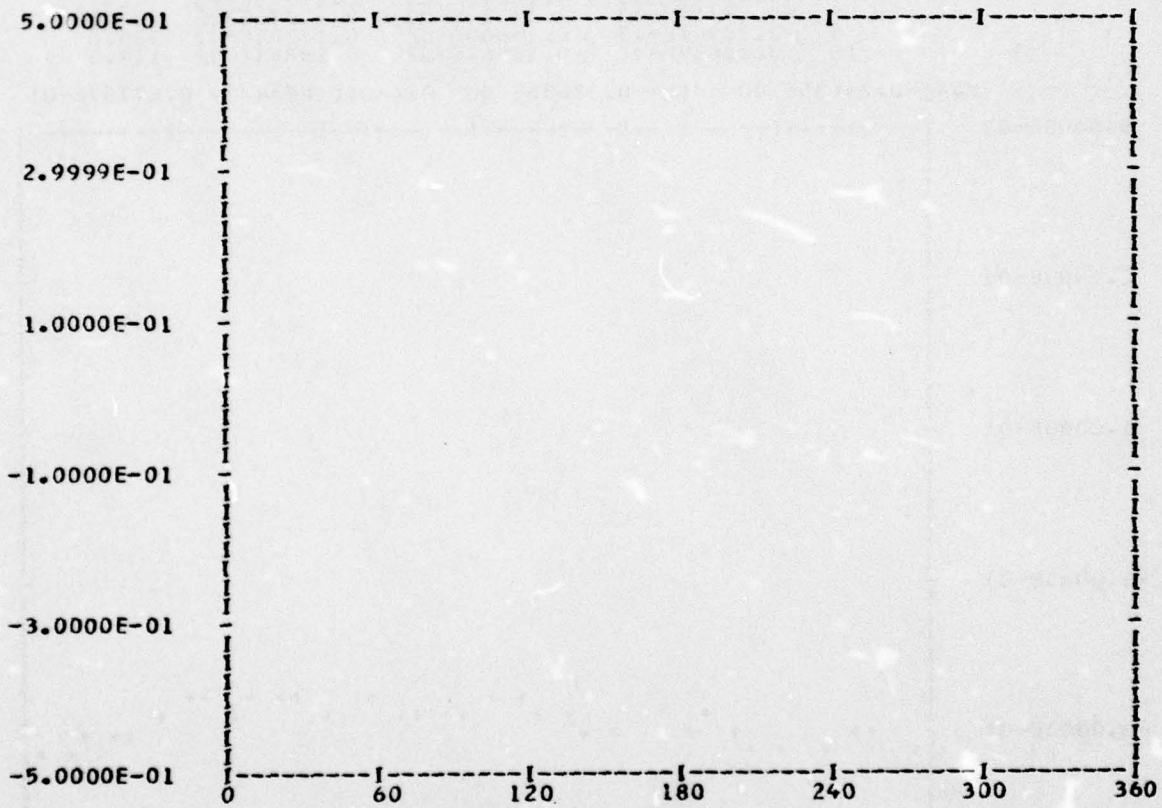
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS117.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			
ENTERED	38	RUN	21
OUT OF RANGE	38	TP	3
BANDEDGE	30	CHAN	53

HARMONIC ANALYSIS SKIPPED

MAX=-0.54979E 00 MIN=-0.66224E 00 PEAK TO PEAK/2= 0.56221E-01

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B   B  AAAAA   N  NN  D   D  E      D   D  G   G  E
BBBB   A   A   N   N  DDDD   EEEEE  DDDD    GGGG  EEEEE
```

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

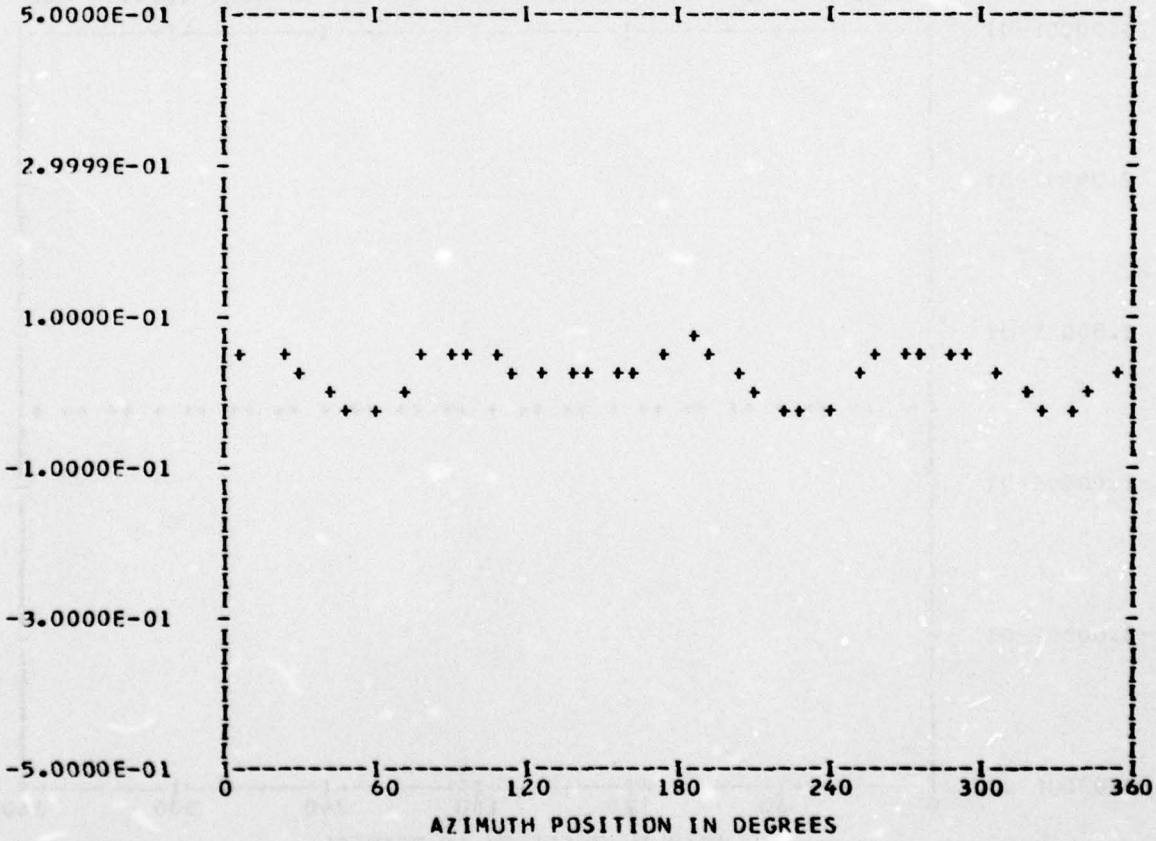
*** PS081.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.25035E-01	1	-0.95047E-02	0.44680E-02	0.10502E-01	295.1
	2	-0.29468E-02	-0.96217E-02	0.10062E-01	197.0
	3	0.11173E-02	0.12343E-01	0.12393E-01	5.1
	4	0.32071E-01	-0.55697E-03	0.32076E-01	90.9
	5	0.83103E-03	0.36991E-02	0.37913E-02	12.6
	6	0.54956E-02	0.60773E-02	0.81936E-02	42.1
	7	-0.34407E-02	-0.33431E-02	0.47974E-02	225.8
	8	0.20713E-04	-0.48773E-02	0.48773E-02	179.7
	9	-0.26313E-02	0.11496E-03	0.26338E-02	272.5
	10	0.30559E-02	-0.11618E-02	0.32693E-02	110.8

MAX= 0.81521E-01 MIN=-0.27420E-01 PEAK TO PEAK/2= 0.54470E-01



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

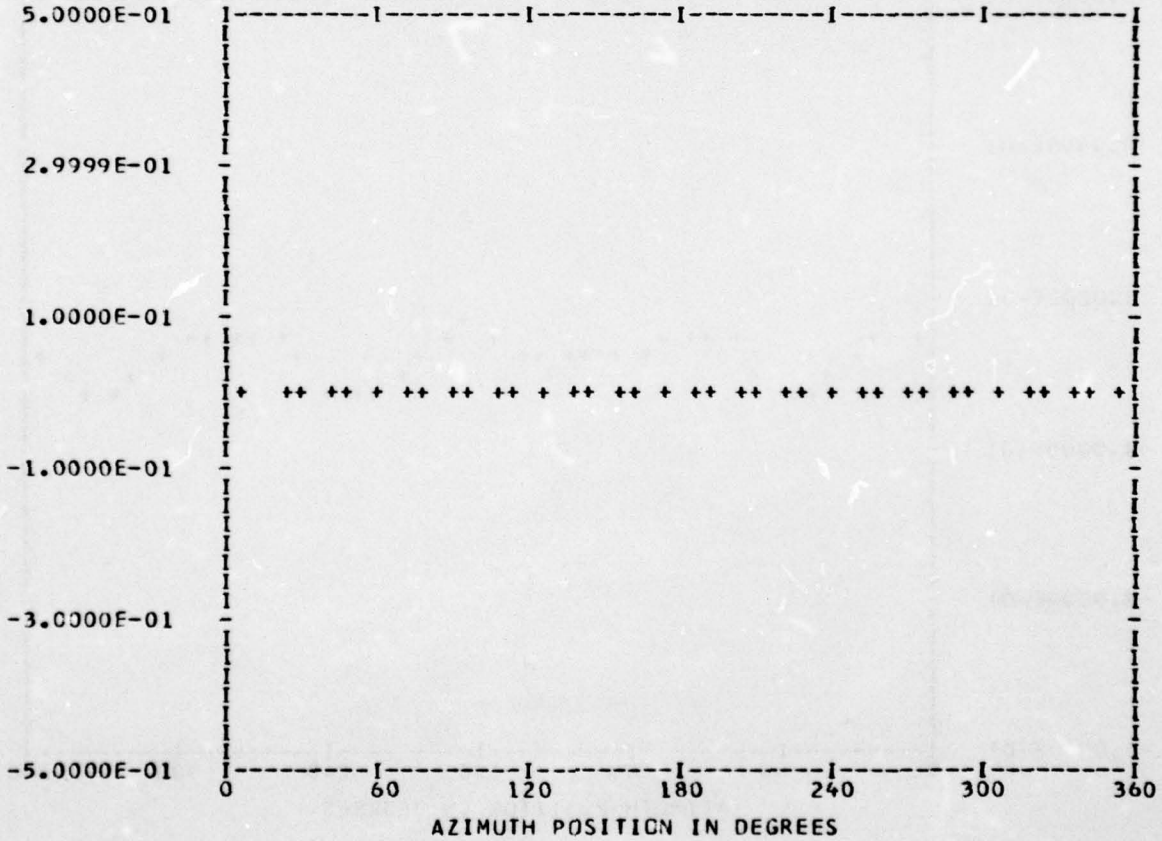
*** PS081.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.23472E-03	1	-0.14383E-03	-0.31582E-04	0.14726E-03	257.6
	2	-0.19712E-04	0.11796E-03	0.11960E-03	350.5
	3	0.25310E-03	0.13175E-03	0.28534E-03	62.5
	4	0.10436E-03	-0.12348E-03	0.16168E-03	139.7
	5	-0.74677E-04	-0.13443E-03	0.15378E-03	209.0
	6	0.38093E-04	0.66751E-04	0.76855E-04	29.7
	7	0.44247E-04	-0.24329E-03	0.24728E-03	169.6
	8	0.17683E-03	-0.20738E-03	0.27253E-03	139.5
	9	0.23773E-03	0.36511E-04	0.24052E-03	81.2
	10	-0.41010E-05	0.31654E-03	0.31657E-03	359.2

MAX= 0.15697E-02 MIN=-0.85625E-03 PEAK TO PEAK/2= 0.12130E-02



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

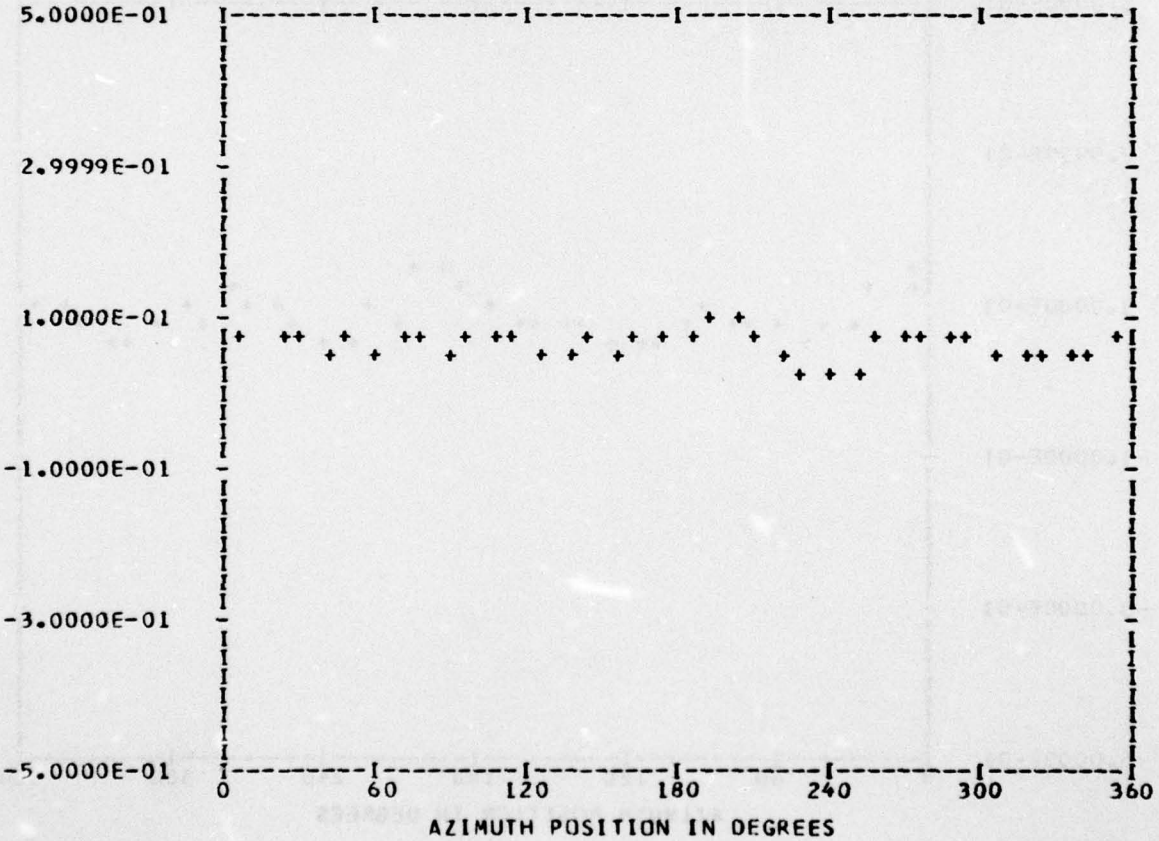
*** PS081.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.64915E-01	1	-0.16043E-02	0.55010E-02	0.57302E-02	343.7
	2	0.64736E-02	-0.76654E-03	0.65188E-02	96.7
	3	-0.55408E-02	0.12121E-02	0.56718E-02	282.3
	4	0.14848E-01	0.63218E-02	0.16138E-01	66.9
	5	0.18950E-02	-0.61655E-02	0.64501E-02	162.9
	6	-0.20748E-03	0.21308E-02	0.21409E-02	354.4
	7	0.40324E-02	0.70000E-04	0.40330E-02	89.0
	8	0.54755E-03	0.13725E-02	0.14777E-02	21.7
	9	-0.29144E-02	0.62203E-04	0.29150E-02	271.2
	10	-0.36787E-03	0.57724E-03	0.68450E-03	327.4

MAX= 0.10089E 00 MIN= 0.24065E-01 PEAK TO PEAK/2= 0.38412E-01



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

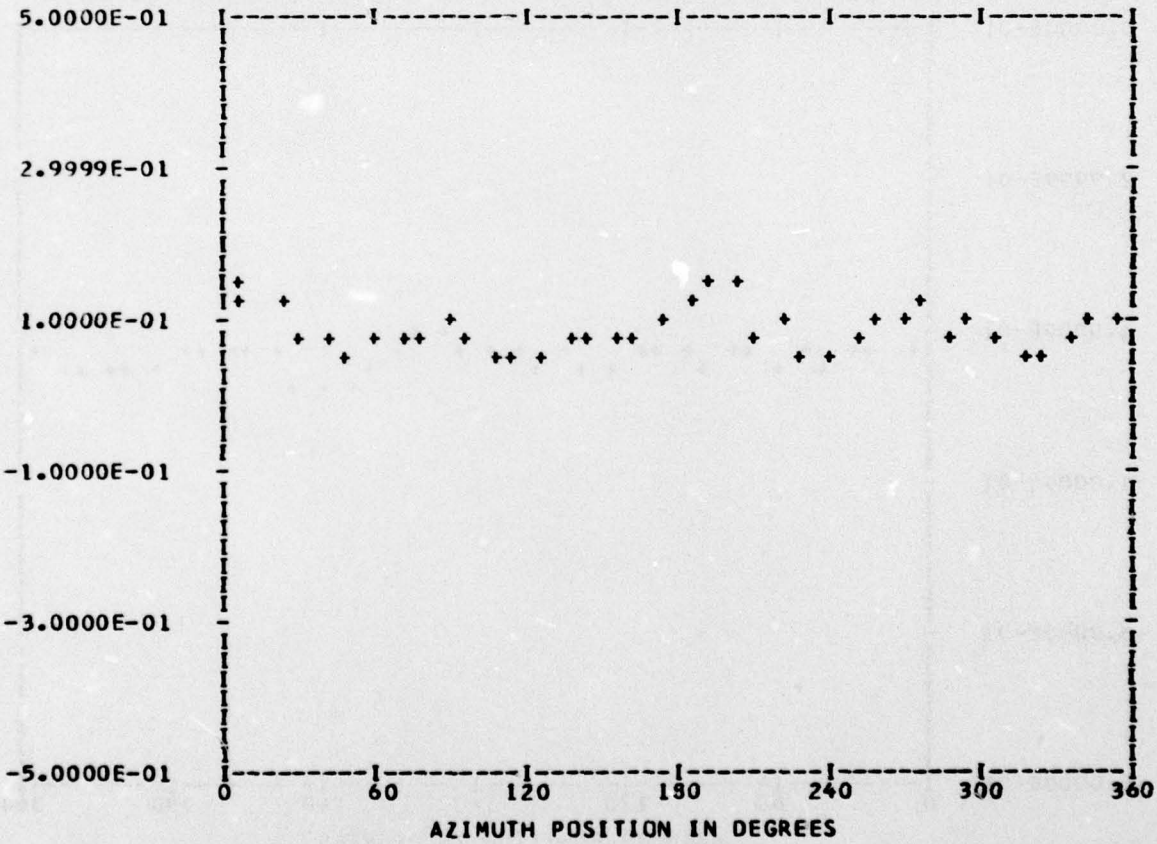
*** PS089.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.85183E-01	1	-0.15836E-02	-0.60303E-02	0.62348E-02	194.7
	2	0.17233E-01	0.57200E-02	0.18157E-01	71.6
	3	-0.43727E-02	0.52333E-02	0.68197E-02	320.1
	4	0.25467E-01	0.38882E-02	0.25762E-01	81.3
	5	0.79571E-02	-0.69521E-02	0.10566E-01	131.1
	6	0.72591E-03	0.11287E-01	0.11310E-01	3.6
	7	-0.29852E-02	-0.63838E-03	0.30527E-02	257.9
	8	0.58276E-02	0.17160E-02	0.60750E-02	73.5
	9	-0.46337E-02	-0.19892E-03	0.46380E-02	267.5
	10	-0.10363E-02	0.32493E-02	0.34106E-02	342.3

MAX= 0.14468E 00 MIN= 0.41185E-01 PEAK TO PEAK/2= 0.51750E-01



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

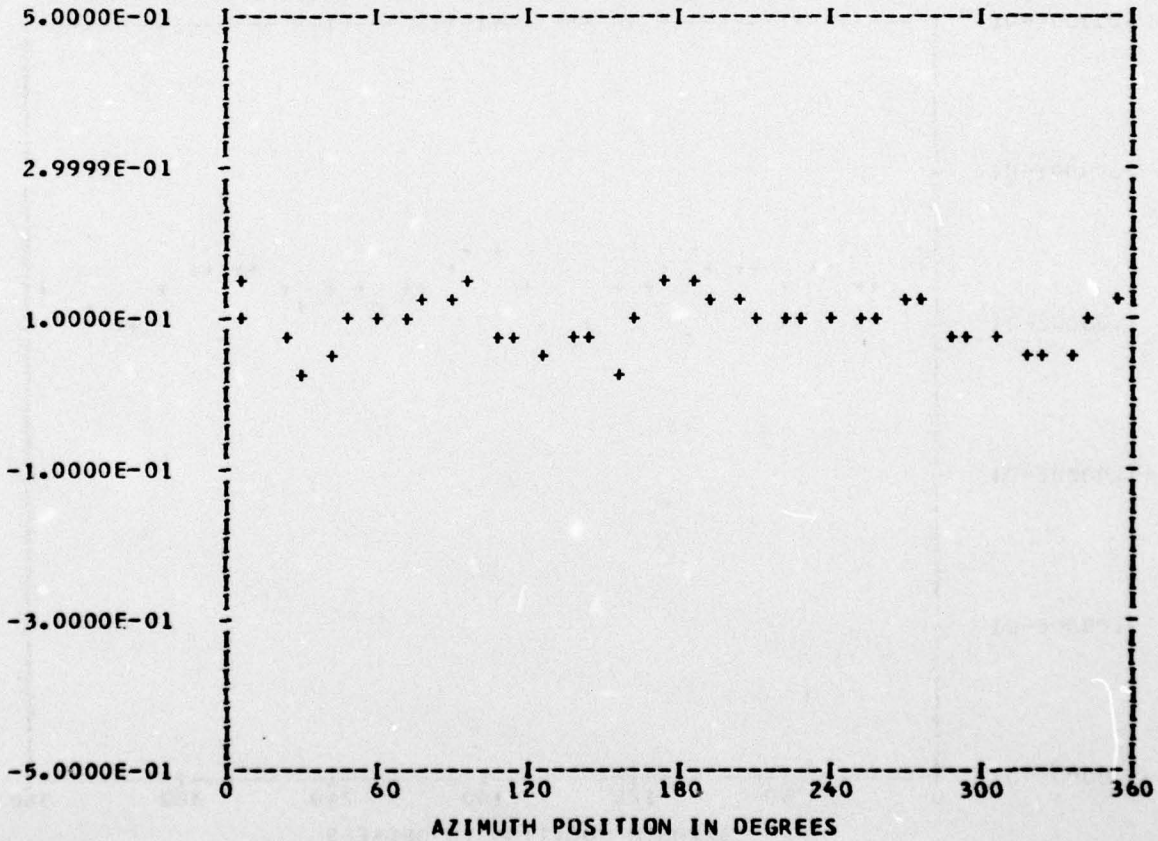
*** PS099.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.95771E-01	1	-0.10182E-01	-0.82304E-03	0.10216E-01	265.3
	2	0.32683E-02	0.13724E-01	0.14108E-01	13.3
	3	-0.73045E-02	-0.10312E-01	0.12637E-01	215.3
	4	0.24330E-01	-0.15751E-01	0.28984E-01	122.9
	5	0.46389E-02	-0.46553E-02	0.65721E-02	135.1
	6	0.66425E-02	-0.66911E-02	0.94284E-02	135.2
	7	0.28034E-02	-0.76195E-03	0.29051E-02	105.2
	8	0.82361E-02	-0.10411E-01	0.13274E-01	141.6
	9	0.22019E-02	0.57205E-02	0.61296E-02	21.0
	10	-0.27476E-02	0.38552E-02	0.47341E-02	324.5

MAX= 0.14518E 00 MIN= 0.25646E-01 PEAK TC PEAK/2= 0.59768E-01



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

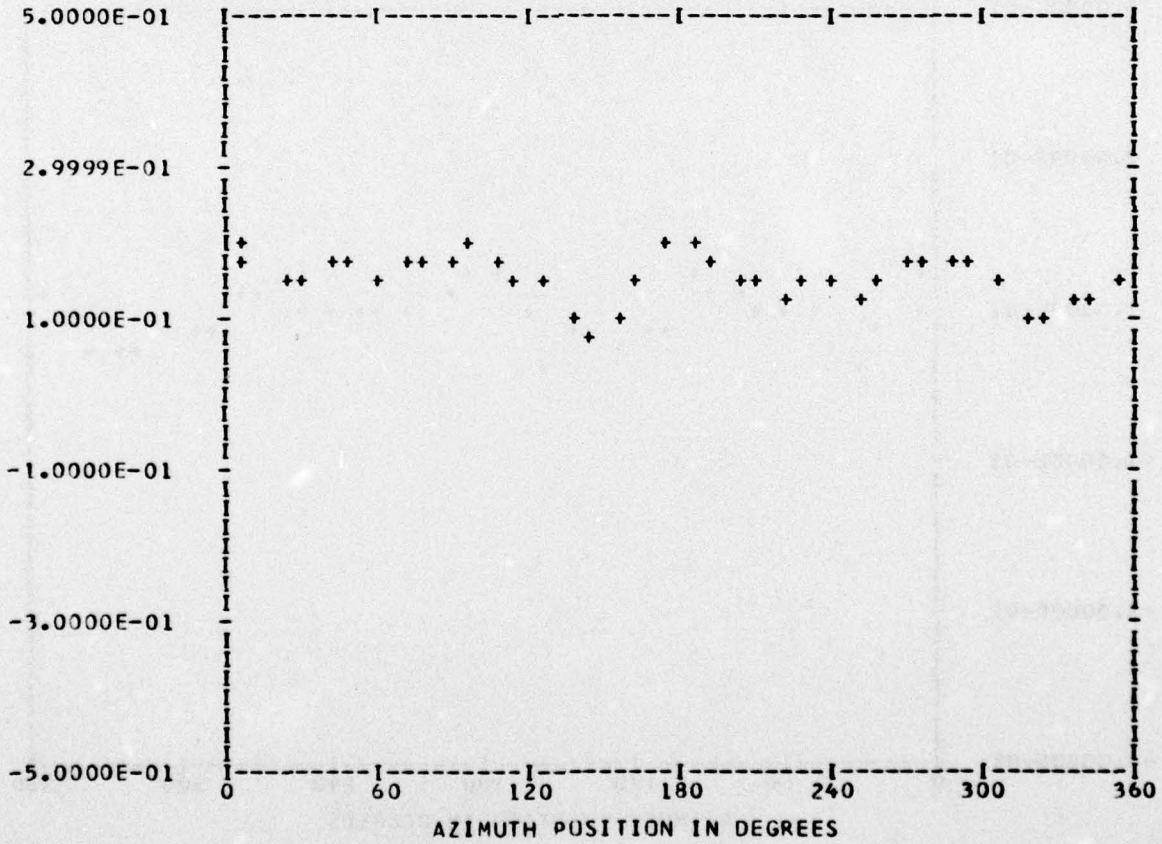
*** PS099.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.15329E 00	1	0.18314E-03	0.47466E-02	0.47501E-02	2.2
	2	-0.64266E-02	0.14510E-01	0.15870E-01	336.1
	3	-0.10434E-01	0.83003E-03	0.10467E-01	274.5
	4	0.28921E-01	0.88187E-02	0.30236E-01	73.0
	5	-0.13120E-02	0.20227E-02	0.24109E-02	327.0
	6	0.63894E-02	-0.11400E-01	0.13069E-01	150.7
	7	0.35180E-04	0.34591E-02	0.34593E-02	0.5
	8	0.39559E-02	-0.29418E-02	0.49299E-02	126.6
	9	0.55786E-02	0.97950E-03	0.56639E-02	80.0
	10	0.78912E-03	0.38348E-02	0.39152E-02	11.6

MAX= 0.20188E 00 MIN= 0.75486E-01 PEAK TO PEAK/2= 0.63197E-01



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

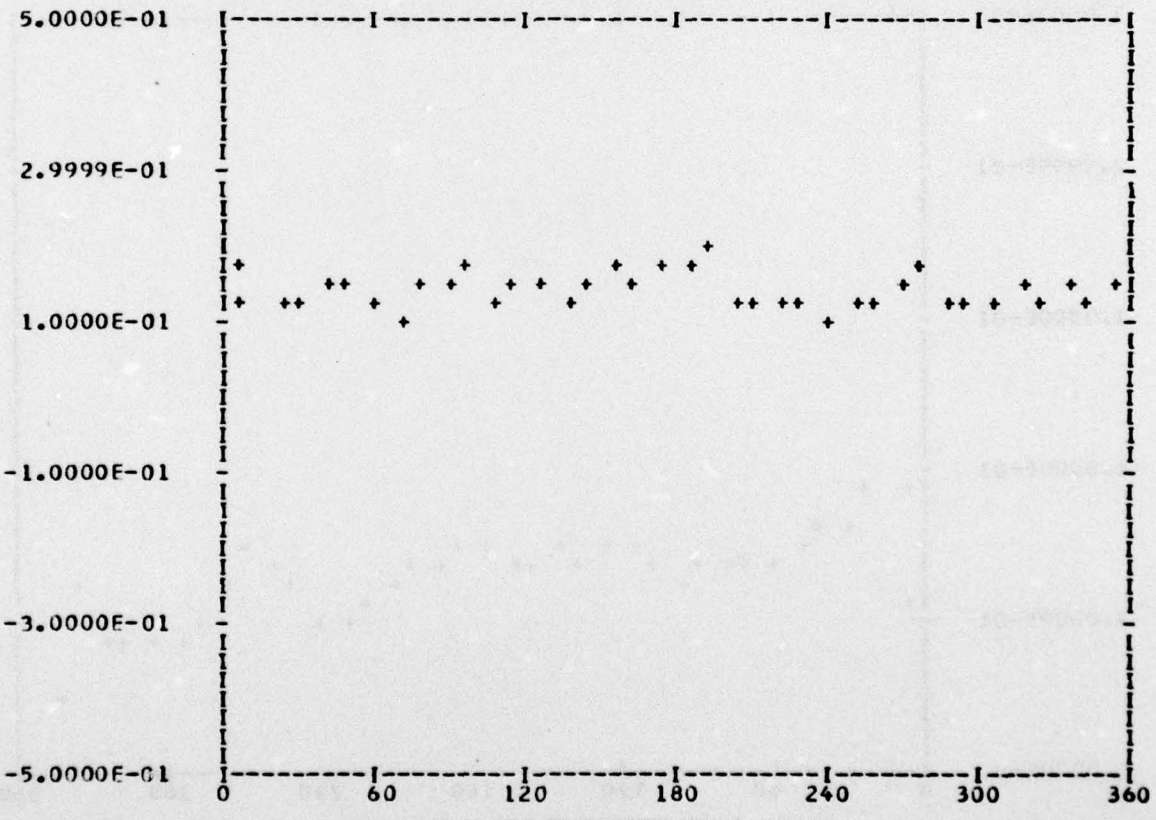
*** PS099.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.14303E 00	1	-0.66684E-02	0.47638E-02	0.81952E-02	305.5
	2	0.82600E-02	-0.95951E-02	0.12660E-01	139.2
	3	-0.12972E-02	0.27711E-02	0.30597E-02	334.9
	4	0.12839E-01	-0.15524E-02	0.12932E-01	96.8
	5	-0.45032E-02	-0.16609E-02	0.47997E-02	249.7
	6	-0.21407E-02	-0.19889E-02	0.29221E-02	227.1
	7	0.34843E-03	-0.19708E-02	0.20014E-02	169.9
	8	0.76721E-02	-0.36405E-02	0.84921E-02	115.3
	9	0.78982E-03	-0.54479E-02	0.55049E-02	171.7
	10	0.56461E-02	0.21067E-02	0.60264E-02	69.5

MAX= 0.19629E 00 MIN= 0.10931E 00 PEAK TO PEAK/2= 0.43490E-01



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

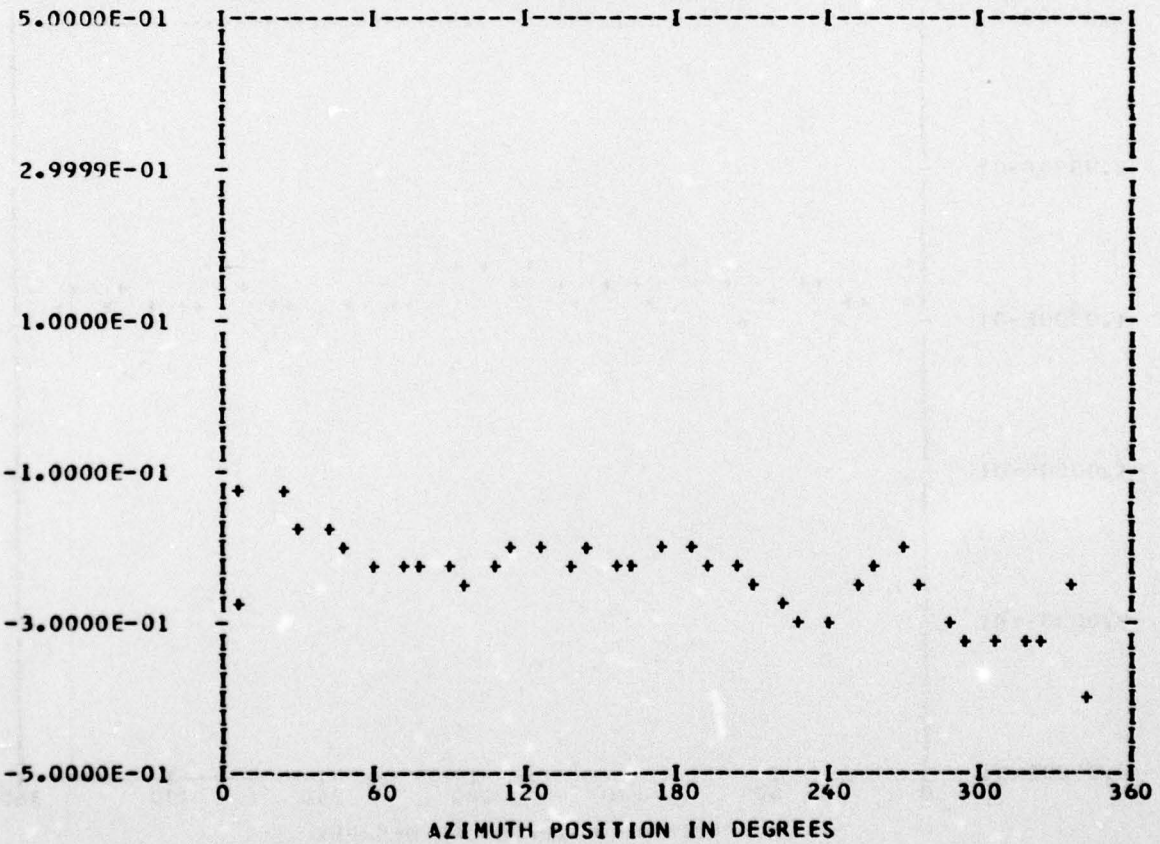
*** PS107.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.24646E 00	1	-0.15830E-01	0.44697E-01	0.47418E-01	340.4
	2	0.57200E-02	0.28451E-01	0.29020E-01	11.3
	3	0.91255E-02	0.40351E-01	0.41370E-01	12.7
	4	0.11560E-01	0.19628E-01	0.22780E-01	30.4
	5	-0.14085E-01	0.17835E-01	0.22726E-01	321.7
	6	0.73690E-02	0.30658E-01	0.31531E-01	13.5
	7	0.10295E-01	0.24164E-01	0.26266E-01	23.0
	8	0.68456E-02	0.12551E-01	0.14297E-01	28.6
	9	0.10705E-01	0.13518E-01	0.17243E-01	38.3
	10	0.20778E-01	0.72796E-02	0.22016E-01	70.6

MAX=-0.12564E 00 MIN=-0.49091E 00 PEAK TO PEAK/2= 0.18263E 00



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

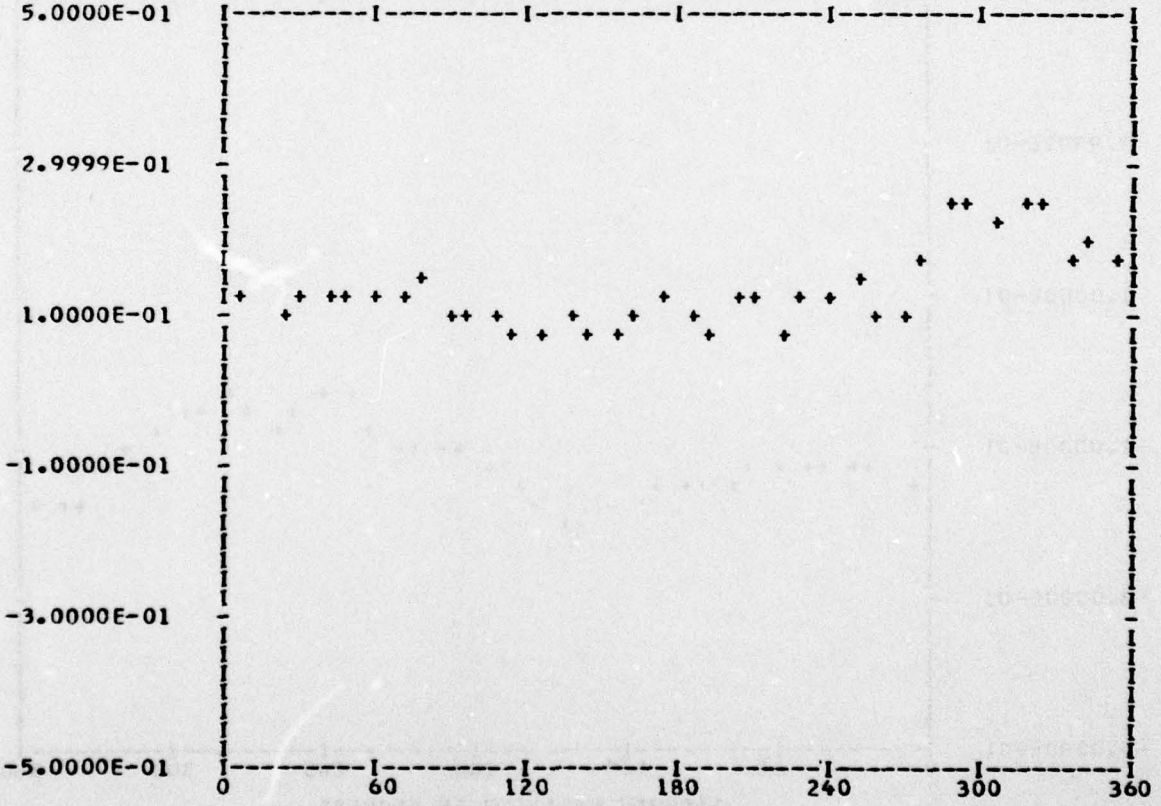
*** PS107.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.13374E 00	1	0.35390E-01	-0.42894E-01	0.55609E-01	140.4
	2	-0.12575E-01	-0.19966E-01	0.23596E-01	212.2
	3	-0.28167E-01	-0.20930E-02	0.28244E-01	265.7
	4	-0.58665E-02	0.56147E-02	0.81204E-02	313.7
	5	0.69524E-02	0.66175E-03	0.69839E-02	84.5
	6	0.32050E-02	-0.94584E-02	0.99866E-02	161.2
	7	-0.76239E-02	0.54024E-02	0.93439E-02	305.3
	8	-0.26510E-02	0.51941E-02	0.58315E-02	332.9
	9	0.63148E-02	-0.63137E-02	0.89297E-02	134.9
	10	-0.11145E-01	-0.45300E-02	0.12030E-01	247.8

MAX= 0.24666E 00 MIN= 0.65225E-01 PEAK TO PEAK/2= 0.90719E-01



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

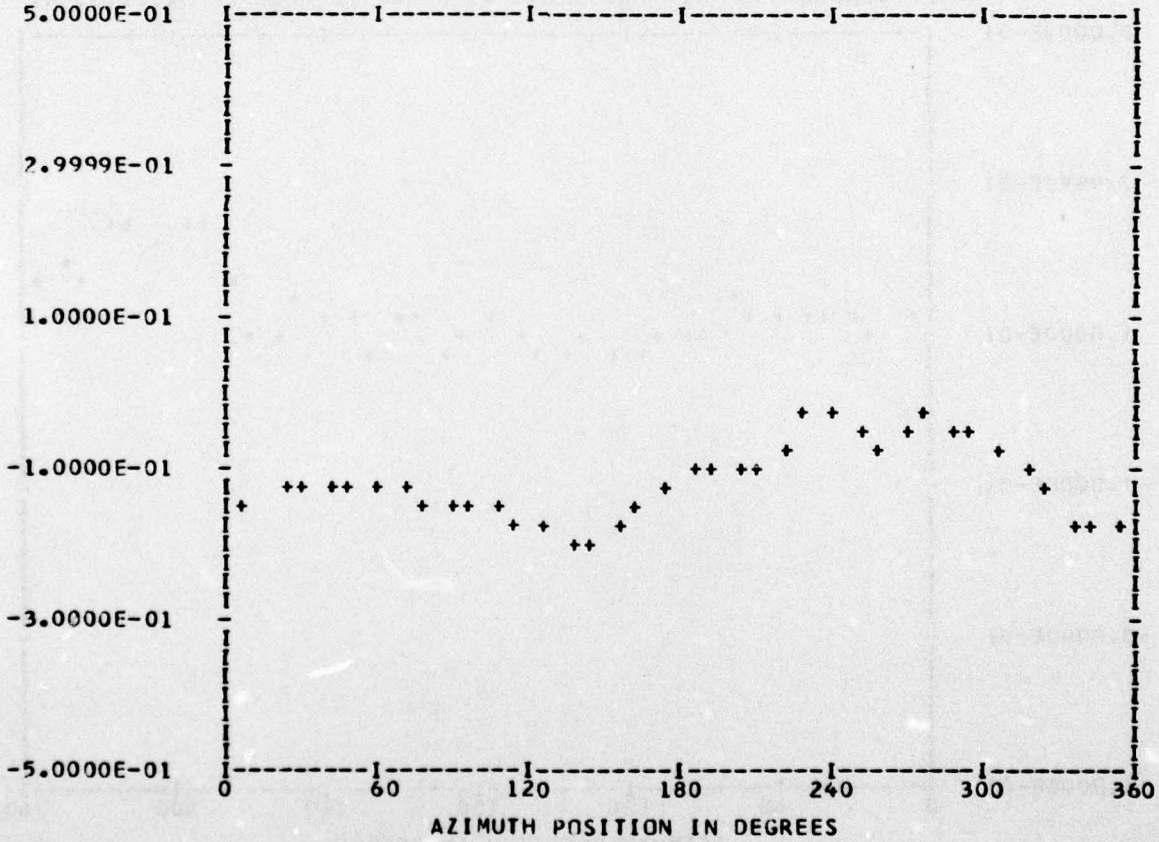
*** PS107.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11746E 00	1	-0.13564E-01	-0.51358E-01	0.53120E-01	194.7
	2	-0.17359E-01	0.32615E-01	0.36947E-01	331.9
	3	-0.90189E-02	0.83768E-02	0.12309E-01	312.8
	4	0.85971E-02	0.63197E-02	0.10670E-01	53.6
	5	0.18454E-02	0.12638E-01	0.12772E-01	8.3
	6	0.23673E-02	-0.10921E-01	0.11174E-01	167.7
	7	-0.19083E-02	0.34068E-02	0.39048E-02	330.7
	8	0.53026E-02	-0.18514E-02	0.56165E-02	109.2
	9	-0.39409E-02	-0.36273E-02	0.53561E-02	227.3
	10	-0.37151E-02	0.83506E-03	0.38078E-02	282.6

MAX=-0.21202E-01 MIN=-0.20377E 00 PEAK TO PEAK/2= 0.91284E-01



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

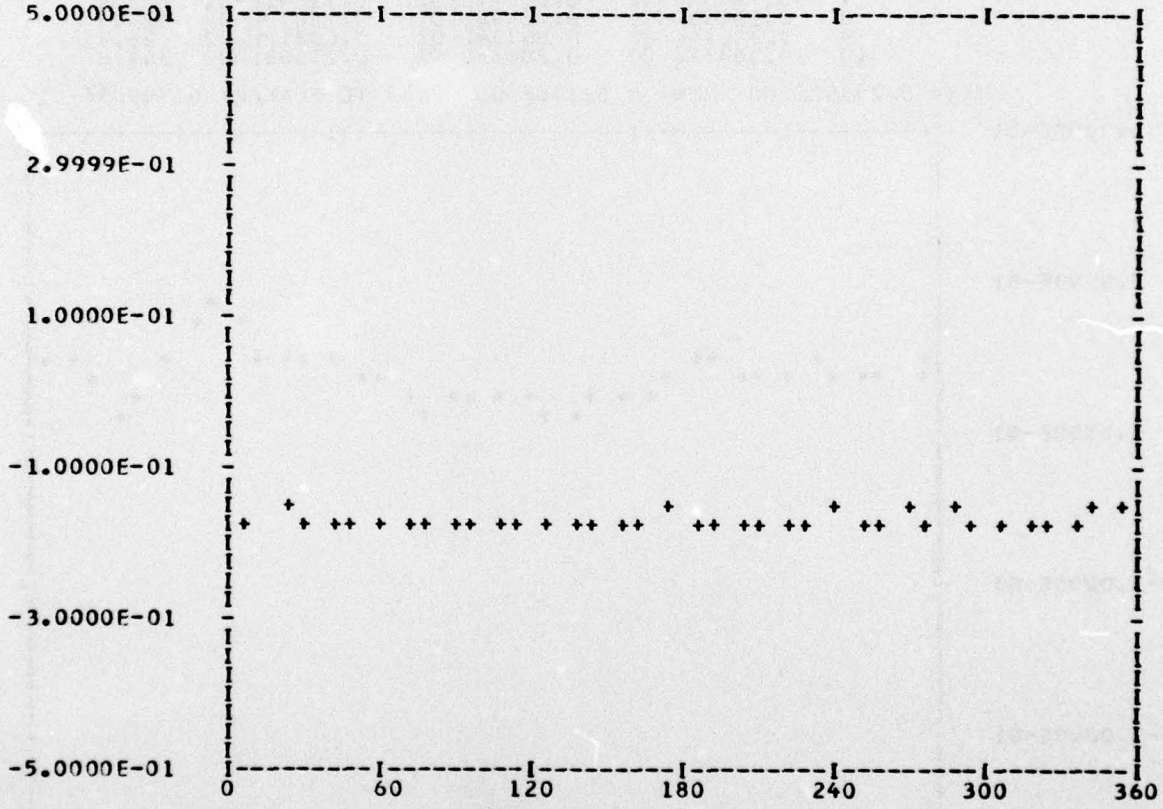
*** PS107.4 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 38
OUT OF RANGE 0
BANDEDGE 31

RUN 22
IP 3
CHAN 52

HARMONIC ANALYSIS SKIPPED

MAX= 0.15245E 00 MIN=-0.16295E 00 PEAK TO PEAK/2= 0.15770E 00



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

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

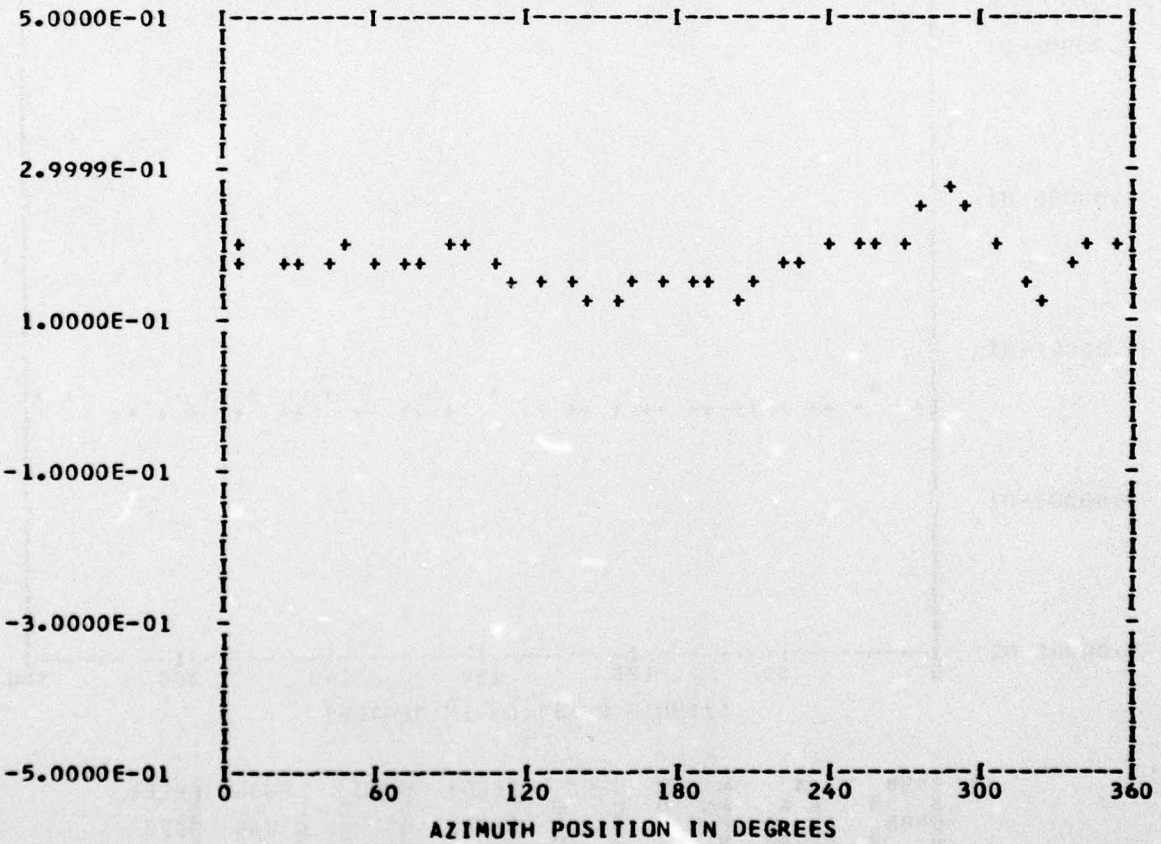
*** PS107.5 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.17769E 00	1	0.19548E-01	-0.20400E-01	0.28254E-01	136.2
	2	-0.22617E-01	0.50075E-02	0.23165E-01	282.4
	3	-0.57051E-05	0.91002E-02	0.91002E-02	359.9
	4	0.19383E-01	0.28582E-02	0.19592E-01	81.6
	5	0.83322E-02	-0.32475E-02	0.89427E-02	111.2
	6	0.15103E-02	-0.18128E-01	0.18191E-01	175.2
	7	-0.77458E-02	-0.85577E-02	0.11542E-01	222.1
	8	0.13153E-02	-0.12395E-02	0.18073E-02	133.3
	9	0.28674E-02	0.56334E-02	0.63212E-02	26.9
	10	-0.56331E-03	0.20835E-02	0.21583E-02	344.8

MAX= 0.28352E 00 MIN= 0.12371E 00 PEAK TO PEAK/2= 0.79905E-01



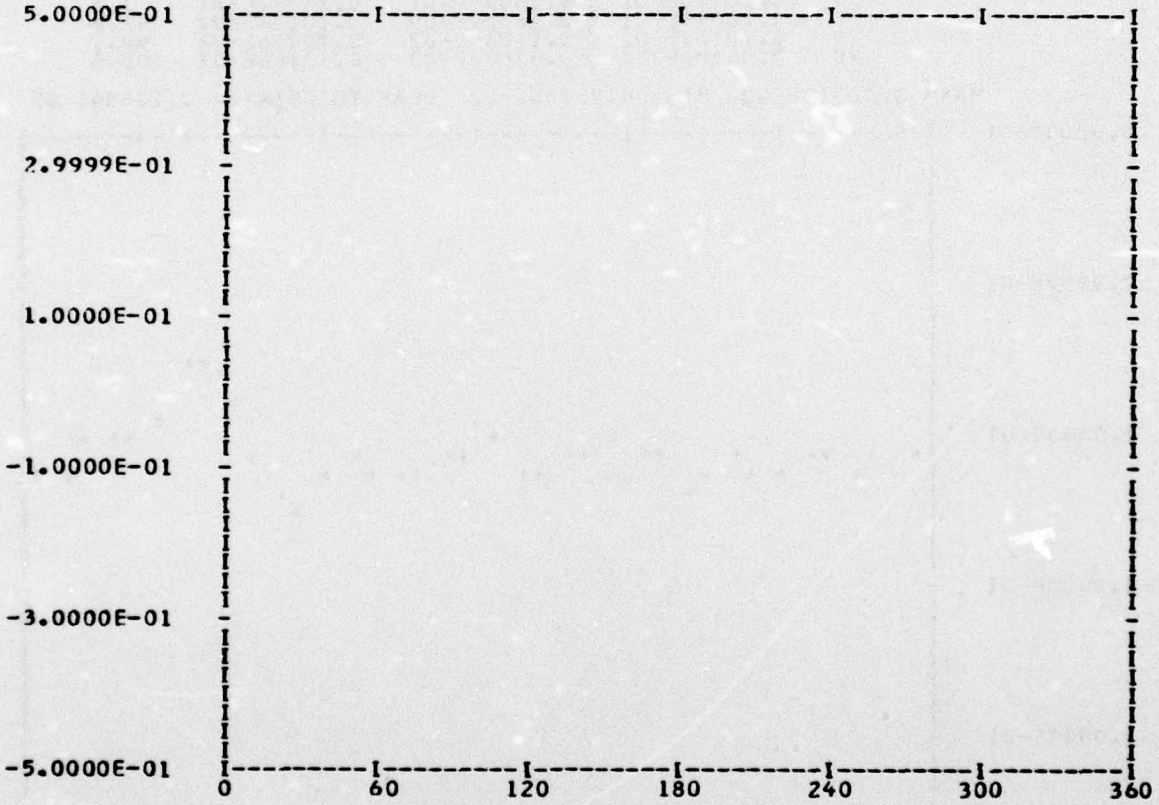
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS107.6 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			
ENTERED	38	RUN	22
OUT OF RANGE	38	TP	3
BANDEDGE	38	CHAN	50

HARMONIC ANALYSIS SKIPPED

MAX= 0.86983E 00 MIN= 0.53790E 00 PEAK TO PEAK/2= 0.16596E 00



AZIMUTH POSITION IN DEGREES

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B   B  AAAAA  N  NN  D   D  E      D   D  G   G  E
BBBB   A   A  N   N  DDDD   EEEEE  DDDD    GGGG  EEEEE
```

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

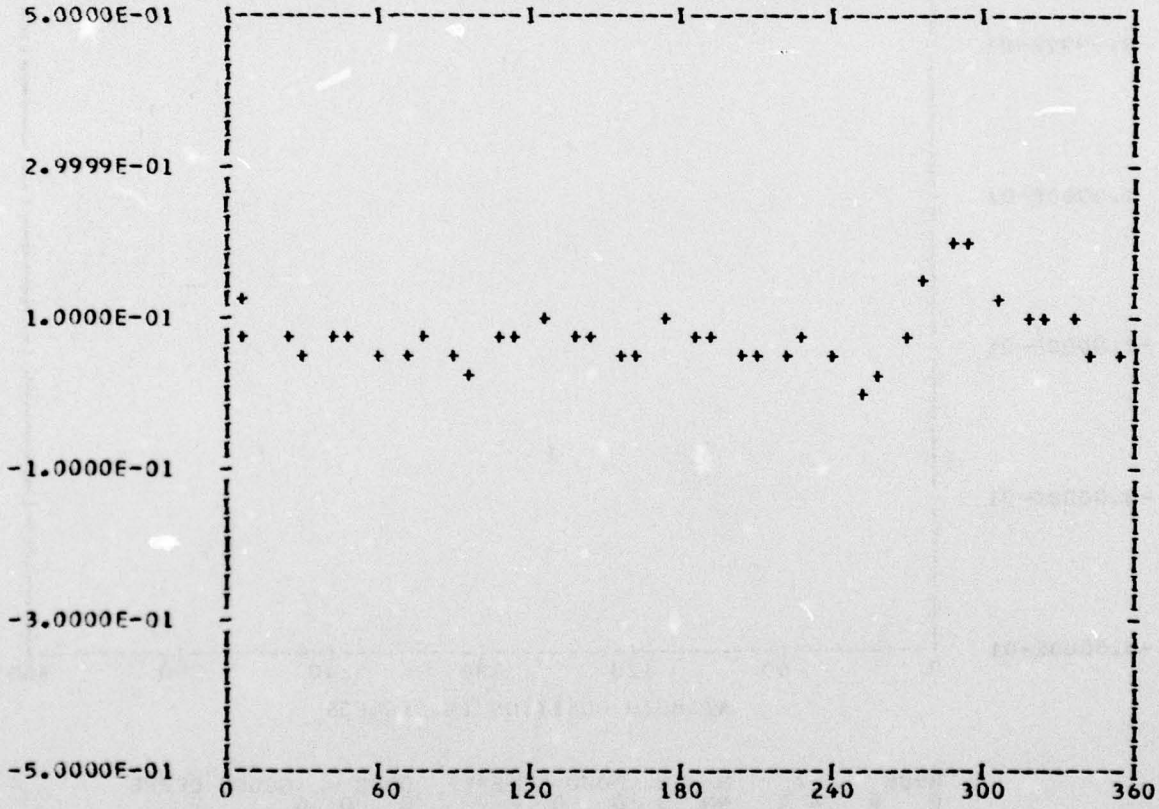
*** PS112.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.74493E-01	1	0.10819E-01	-0.19414E-01	0.22225E-01	150.8
	2	-0.13528E-01	-0.24386E-01	0.27887E-01	209.0
	3	-0.12453E-01	0.17739E-01	0.21674E-01	324.9
	4	0.14880E-01	0.19690E-01	0.24680E-01	37.0
	5	0.12833E-01	-0.75780E-02	0.14903E-01	120.5
	6	-0.68311E-03	-0.12032E-01	0.12051E-01	183.2
	7	0.10400E-02	0.16348E-01	0.16381E-01	3.6
	8	0.10093E-01	-0.46557E-03	0.10104E-01	92.6
	9	0.70102E-02	-0.11036E-02	0.70966E-02	98.9
	10	0.96300E-02	-0.32572E-02	0.10166E-01	108.6

MAX= 0.20510E 00 MIN=-0.85744E-02 PEAK TO PEAK/2= 0.10684E 00



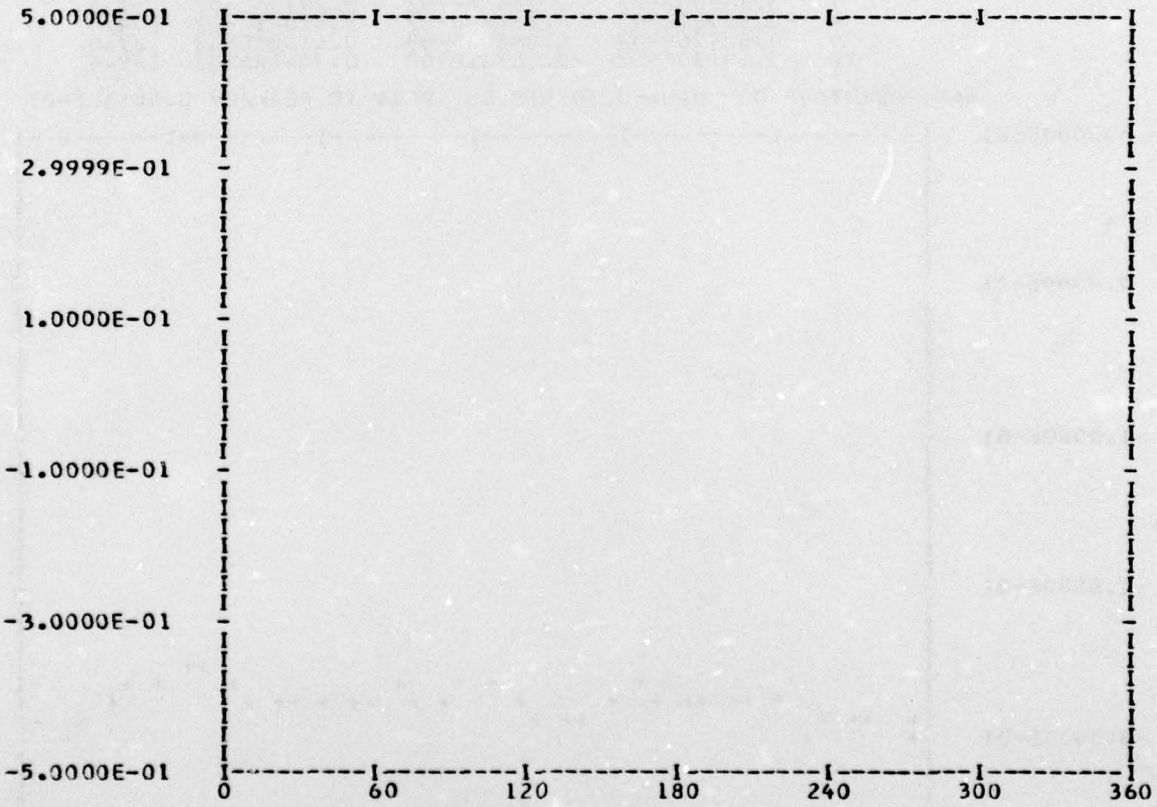
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

*** PS112.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			
ENTERED	38	RUN	22
OUT OF RANGE	38	TP	3
BANDEDGE	38	CHAN	48

HARMONIC ANALYSIS SKIPPED

MAX= 0.86054E 00 MIN= 0.53215E 00 PEAK TO PEAK/2= 0.16419E 00

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B   B   AAAAA  N  NN  D   D  E      D   D  G   G  E
BBBB    A   A  N   N  DDDD   EEEEE  DDDD    GGGG  EEEEE
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UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---AFT SECTION

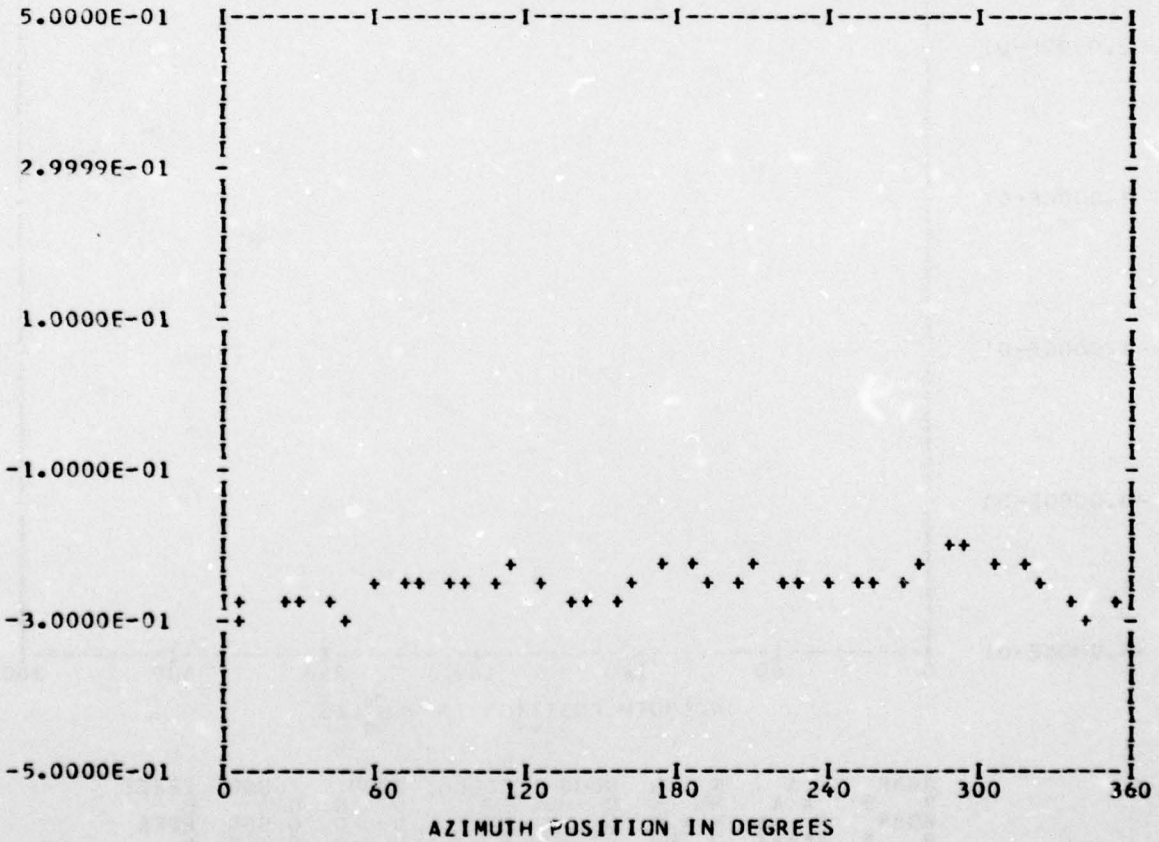
*** PS117.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 3
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25597E 00	1	-0.13021E-01	-0.12058E-01	0.17747E-01	227.1
	2	-0.13029E-01	-0.11405E-02	0.13079E-01	264.9
	3	-0.16285E-01	0.40859E-02	0.16790E-01	284.0
	4	0.64665E-02	0.86176E-02	0.10774E-01	36.8
	5	0.14799E-02	0.43885E-02	0.46313E-02	18.6
	6	0.23261E-02	-0.33142E-02	0.40491E-02	144.9
	7	0.89880E-03	0.28408E-02	0.29796E-02	17.5
	8	-0.55467E-02	0.25484E-02	0.61041E-02	294.6
	9	0.50476E-03	0.98803E-03	0.11095E-02	27.0
	10	-0.10130E-02	-0.28701E-02	0.30436E-02	199.4

MAX=-0.19764E 00 MIN=-0.30791E 00 PEAK TO PEAK/2= 0.55136E-01



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

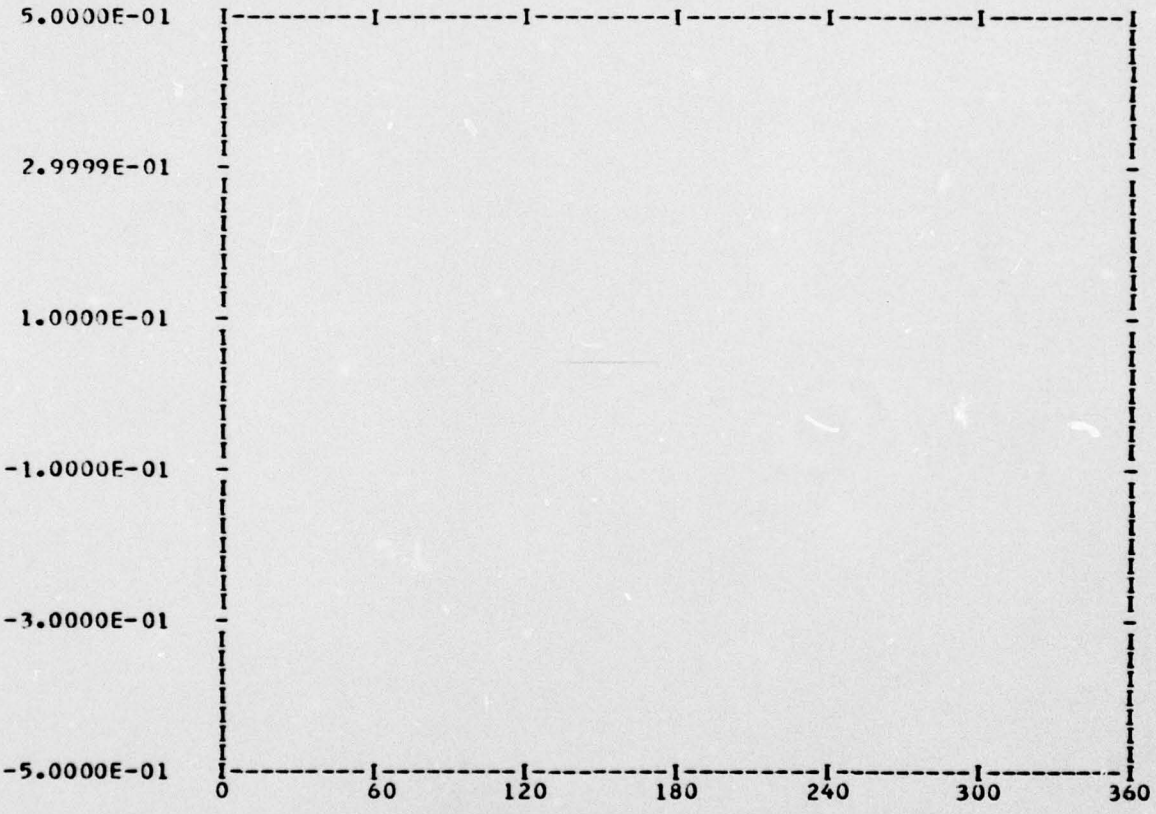
*** PS117.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***	
ENTERED	38
OUT OF RANGE	38
BANDEDGE	33

RUN	22
TP	3
CHAN	53

HARMONIC ANALYSIS SKIPPED

MAX=-0.53523E 00 MIN=-0.54120E 00 PEAK TO PEAK/2= 0.29873E-02




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


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