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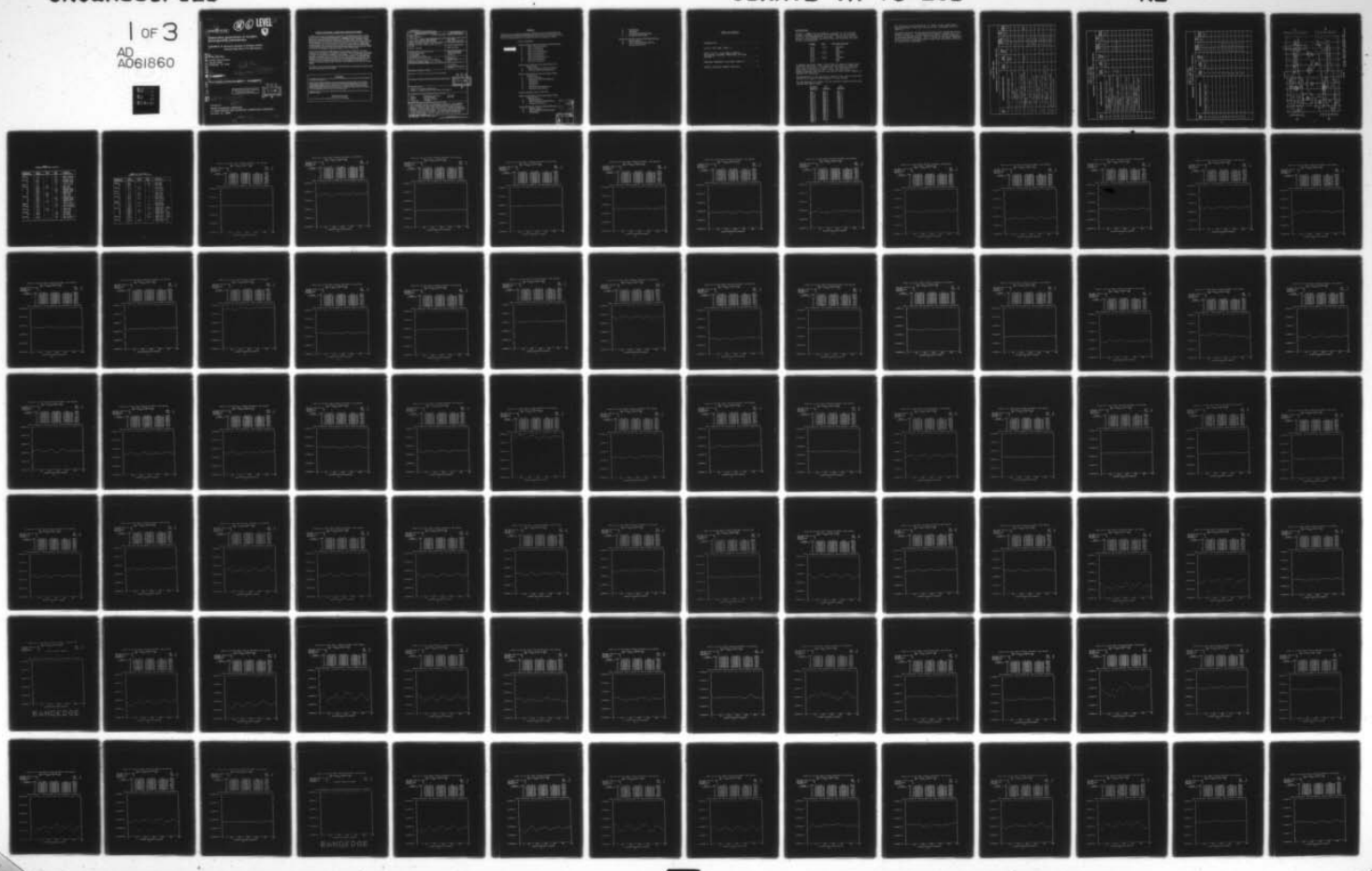

LEVEL III

(19) (18) USARTL-TR-78-23B

(6)

INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONFIGURATION.

VOLUME II- B - Harmonic Analyses of Airframe Surface Pressure Data, Runs 7-14, Mid Section.

(10) Philip F. Sheridan

Boeing Vertol Company
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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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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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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	Aft Crown
Downwash	Flow Environment	Nacelles
Flow	Vibratory Pressures	
Interaction	Fuselage	

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

This is the second 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 first eight of the twenty-seven runs devoted to surface pressure testing. The analyses encompass the transducers in the middle section of the model. Test conditions and configurations include baseline data, climb and descent, disk loading variation, and application of strakes.

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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

This volume is

- 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

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
					$\alpha°$	$\psi°$	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	K4+S3/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	"	"

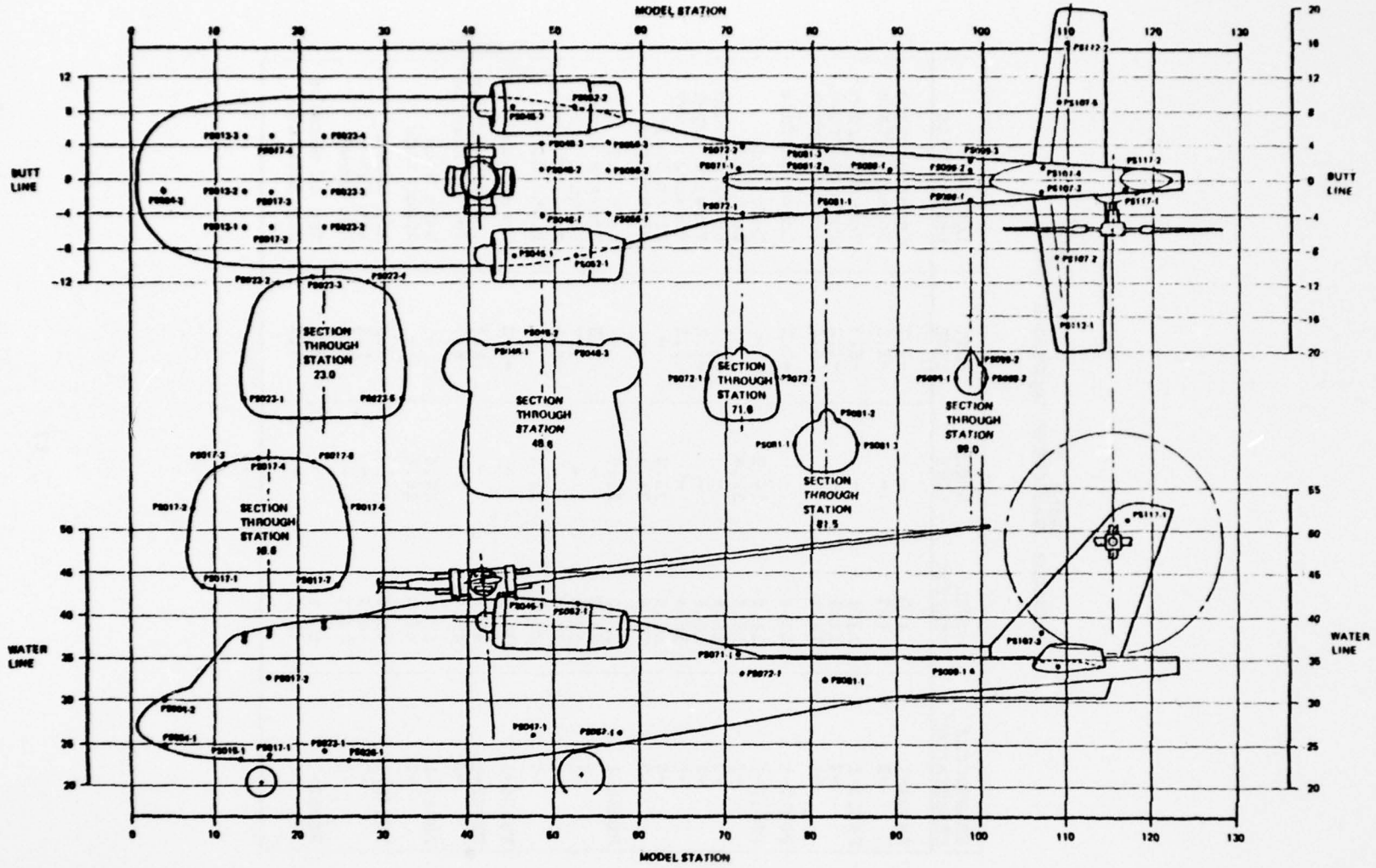

FIGURE 1 -1/4.85 SCALE MODEL GEOMETRY AND SURFACE PRESSURE TRANSDUCER LOCATIONS

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---MID SECTION

*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.10278E 00	1	0.26691E-02	0.98365E-03	0.28446E-02	69.7
	2	0.16028E-02	0.22040E-02	0.27252E-02	36.0
	3	0.82875E-03	0.22993E-02	0.24441E-02	19.8
	4	-0.11762E-02	0.13778E-02	0.18115E-02	319.5
	5	0.10766E-02	-0.31598E-03	0.11220E-02	106.3
	6	0.19953E-02	0.36313E-03	0.20280E-02	79.6
	7	0.14711E-02	0.28824E-02	0.32361E-02	27.0
	8	-0.89789E-03	0.46325E-02	0.47187E-02	349.0
	9	-0.26627E-02	0.30850E-02	0.40752E-02	319.2
	10	-0.35408E-02	0.71125E-03	0.36116E-02	281.3

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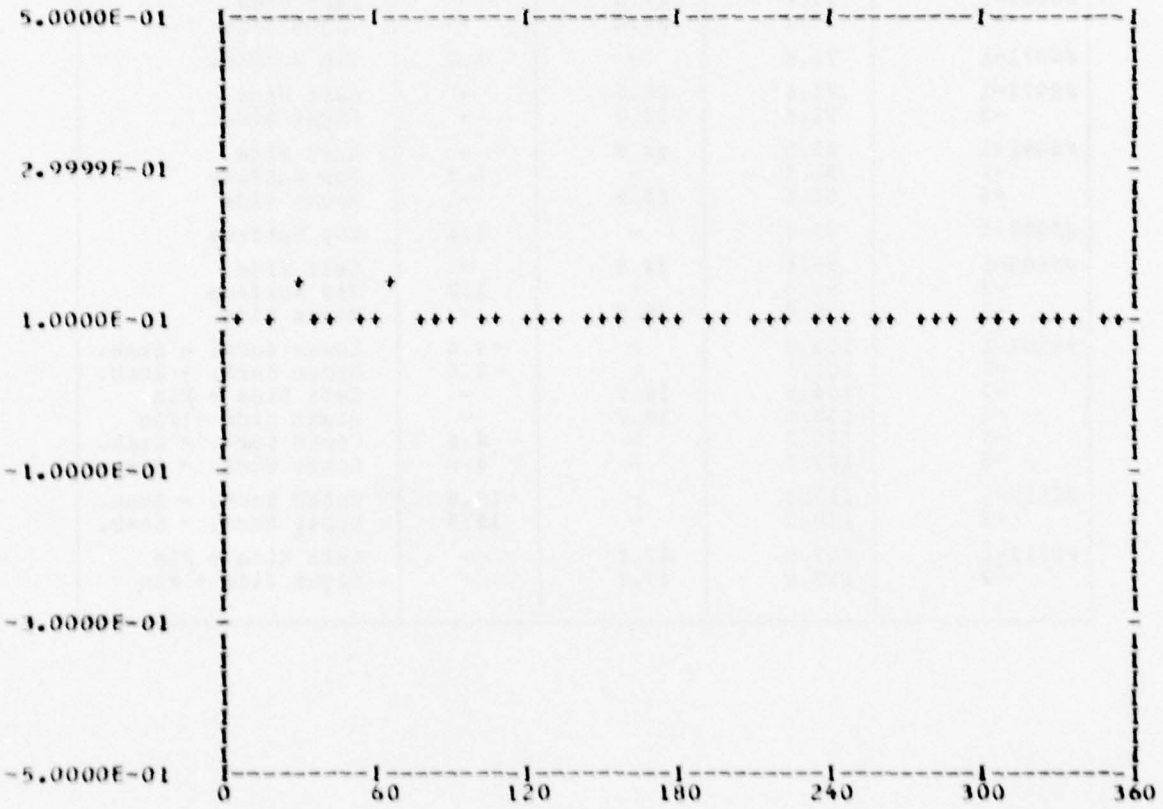

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.22697E 00	1	0.27845E-03	-0.39249E-02	0.39348E-02	175.9
	2	0.62460E-02	0.35813E-02	0.71999E-02	60.1
	3	-0.33993E-02	0.30688E-02	0.45796E-02	312.0
	4	0.28741E-03	-0.12071E-01	0.12074E-01	178.6
	5	0.19739E-02	0.62234E-03	0.20697E-02	72.5
	6	0.46819E-03	0.19703E-02	0.20251E-02	13.3
	7	-0.25760E-03	-0.15945E-03	0.30296E-03	238.2
	8	-0.61388E-02	0.77298E-02	0.98710E-02	321.5
	9	-0.24409E-02	0.14131E-03	0.24450E-02	273.3
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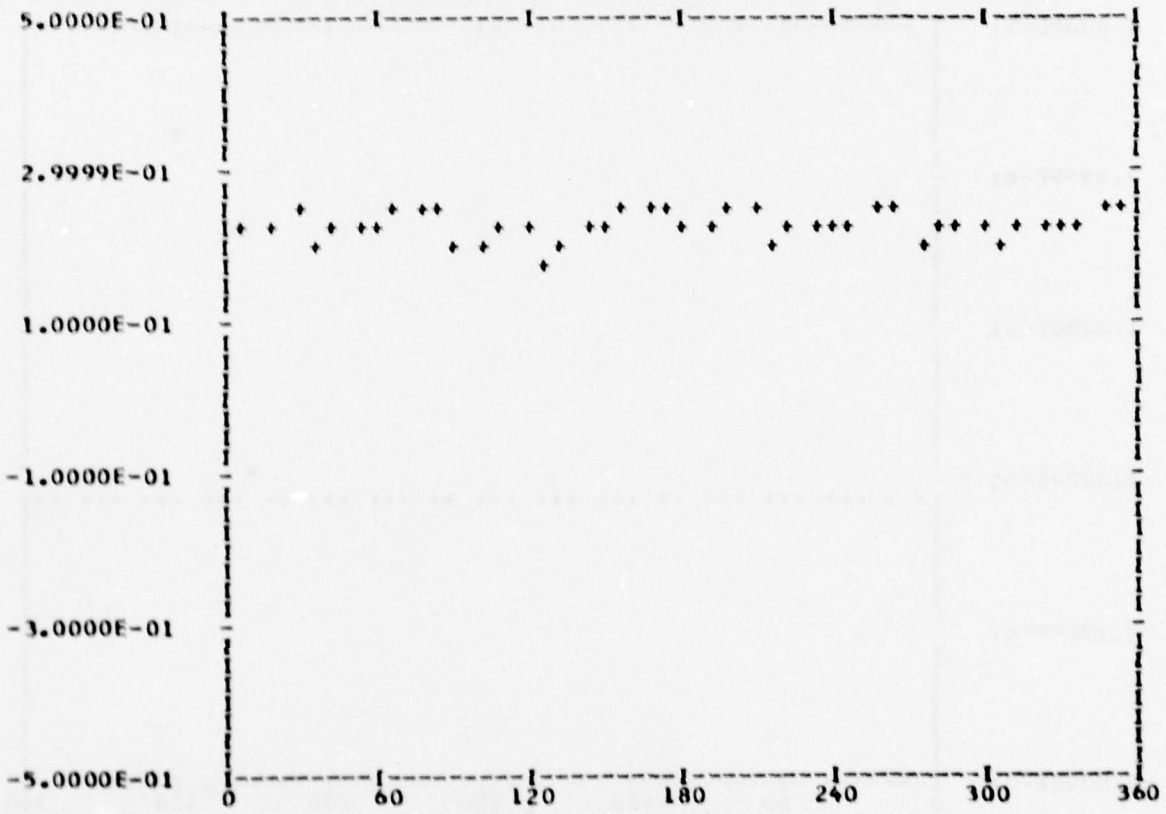

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13258E 00	1	-0.52009E-03	0.47640E-04	0.52227E-03	275.2
	2	-0.45340E-04	0.58499E-03	0.58674E-03	355.5
	3	-0.11887E-03	-0.70216E-04	0.13806E-03	239.4
	4	0.30481E-03	0.14138E-03	0.33601E-03	65.1
	5	-0.11666E-03	-0.17318E-03	0.20881E-03	213.9
	6	0.74439E-04	-0.29830E-03	0.30745E-03	165.9
	7	0.13385E-03	0.62995E-04	0.14794E-03	64.7
	8	0.17095E-03	-0.25234E-03	0.30479E-03	145.8
	9	-0.10079E-03	0.12817E-03	0.16305E-03	321.8
	10	-0.86941E-04	-0.84108E-04	0.12096E-03	225.9

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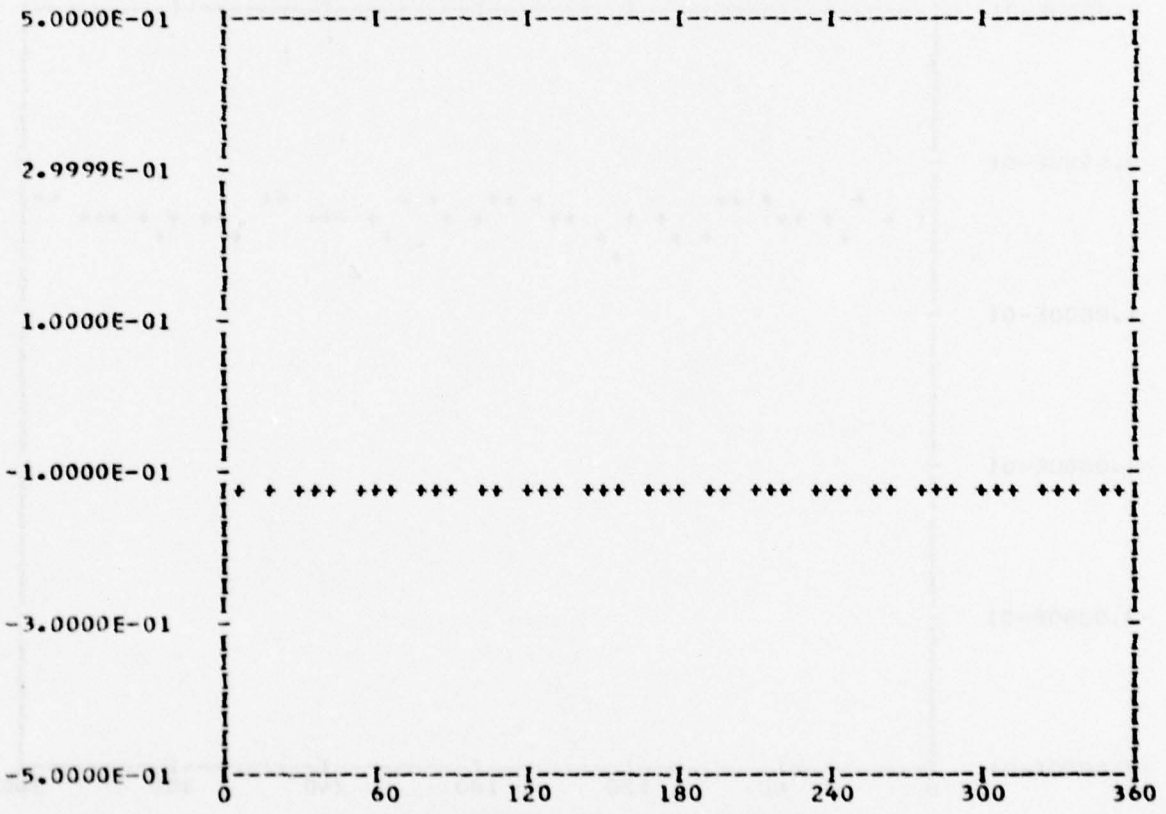

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.71772E-01	1	-0.19812E-03	-0.14930E-02	0.15061E-02	187.5
	2	0.20280E-03	0.34755E-04	0.20576E-03	80.2
	3	0.47047E-04	0.38650E-05	0.47206E-04	85.3
	4	0.40246E-03	-0.97653E-03	0.10562E-02	157.6
	5	0.53696E-04	0.26450E-03	0.26989E-03	11.4
	6	-0.21854E-03	-0.56016E-06	0.21854E-03	269.8
	7	0.71196E-04	-0.77746E-04	0.10542E-03	137.5
	8	-0.13446E-03	0.31994E-03	0.34705E-03	337.2
	9	0.13639E-03	0.14874E-03	0.20180E-03	42.5
	10	-0.33756E-04	0.10802E-03	0.11317E-03	342.6

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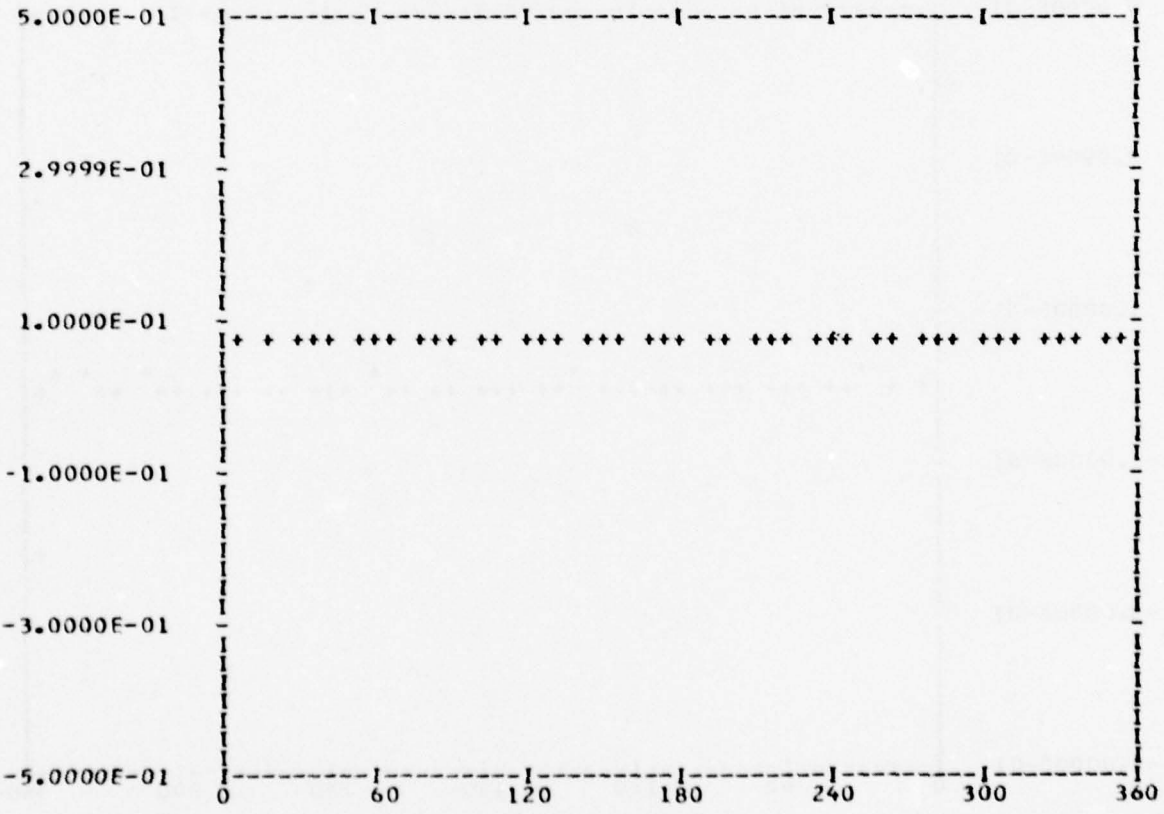


UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

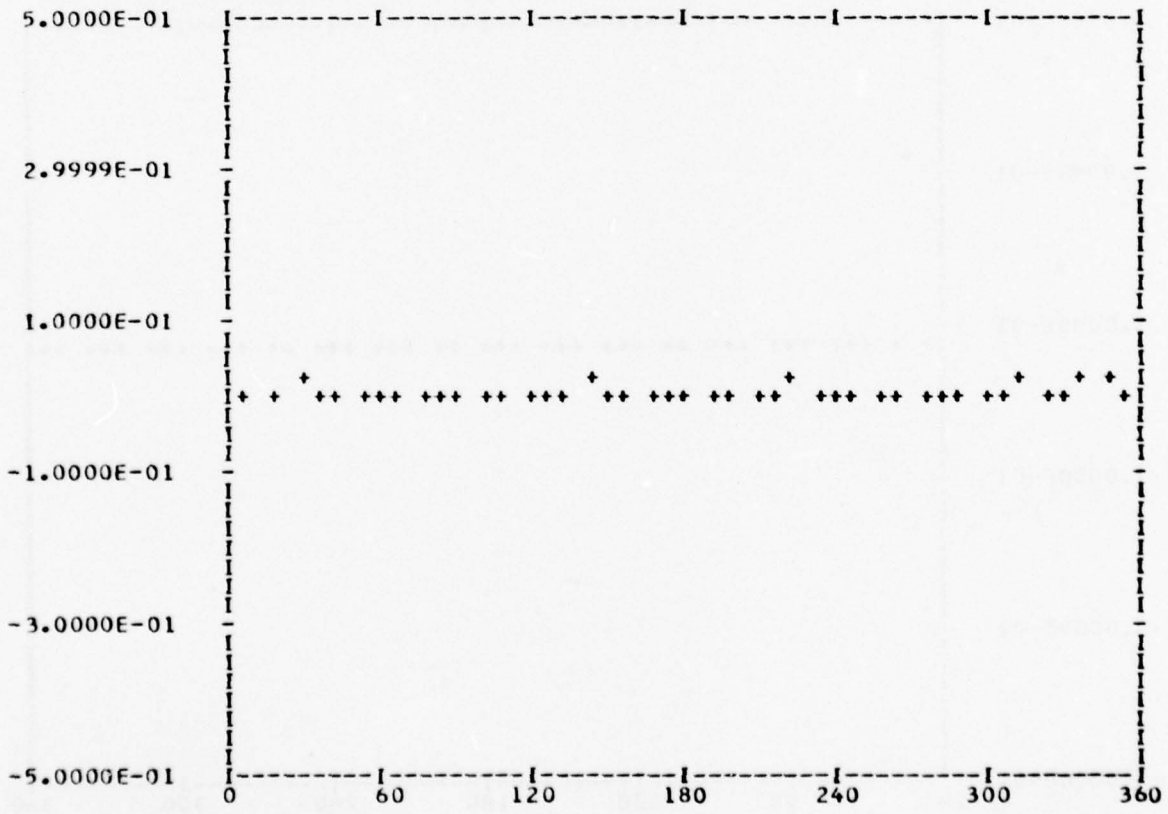
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.88263E-02	1	0.20267E-02	-0.90236E-03	0.22185E-02	113.9
	2	0.40954E-03	-0.63467E-03	0.75533E-03	147.1
	3	-0.20368E-02	-0.33944E-03	0.20649E-02	260.5
	4	0.55151E-04	0.22793E-02	0.22800E-02	1.3
	5	-0.54632E-03	-0.38028E-03	0.66565E-03	235.1
	6	-0.15197E-02	0.19337E-02	0.24594E-02	321.8
	7	-0.76873E-03	0.21458E-02	0.22793E-02	340.2
	8	-0.10849E-02	-0.25457E-03	0.11144E-02	256.7
	9	0.30982E-04	0.11992E-02	0.11996E-02	1.4
	10	-0.79272E-03	0.53769E-03	0.95787E-03	304.1

MAX= 0.22732E-01 MIN= 0.30194E-03 PEAK TO PEAK/2= 0.11215E-01



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

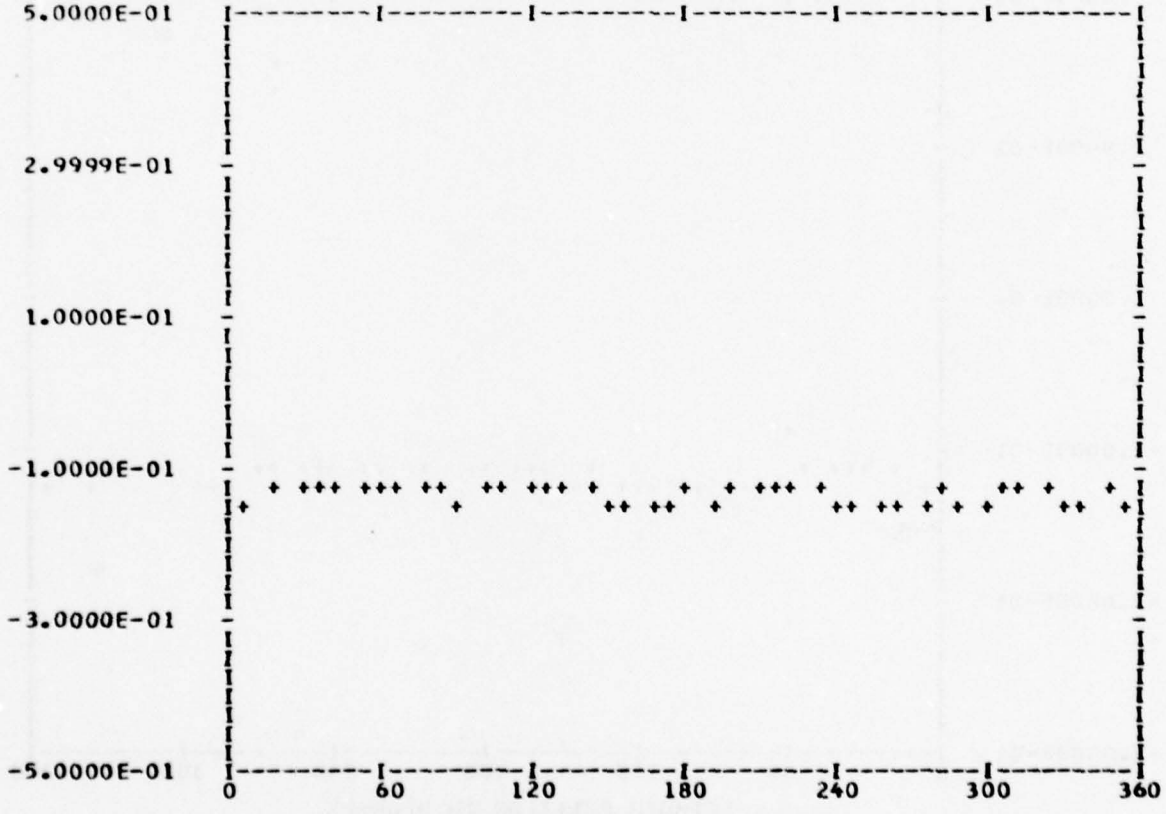
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13648E 00	1	0.18655E-02	0.13911E-02	0.23270E-02	53.2
	2	-0.82668E-03	0.13164E-02	0.15545E-02	327.8
	3	-0.16381E-02	0.16618E-03	0.16466E-02	275.7
	4	-0.10445E-02	0.21256E-02	0.23684E-02	333.8
	5	-0.53606E-03	-0.12896E-02	0.13965E-02	202.5
	6	0.12793E-02	-0.11380E-02	0.17122E-02	131.6
	7	0.10924E-02	0.16165E-04	0.10925E-02	89.1
	8	-0.75684E-04	-0.14199E-03	0.16090E-03	208.0
	9	-0.74444E-03	0.12348E-02	0.14418E-02	328.9
	10	-0.14363E-02	0.74156E-03	0.16165E-02	297.3

MAX=-0.11820E 00 MIN=-0.14238E 00 PEAK TO PEAK/2≈ 0.12092E-01



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

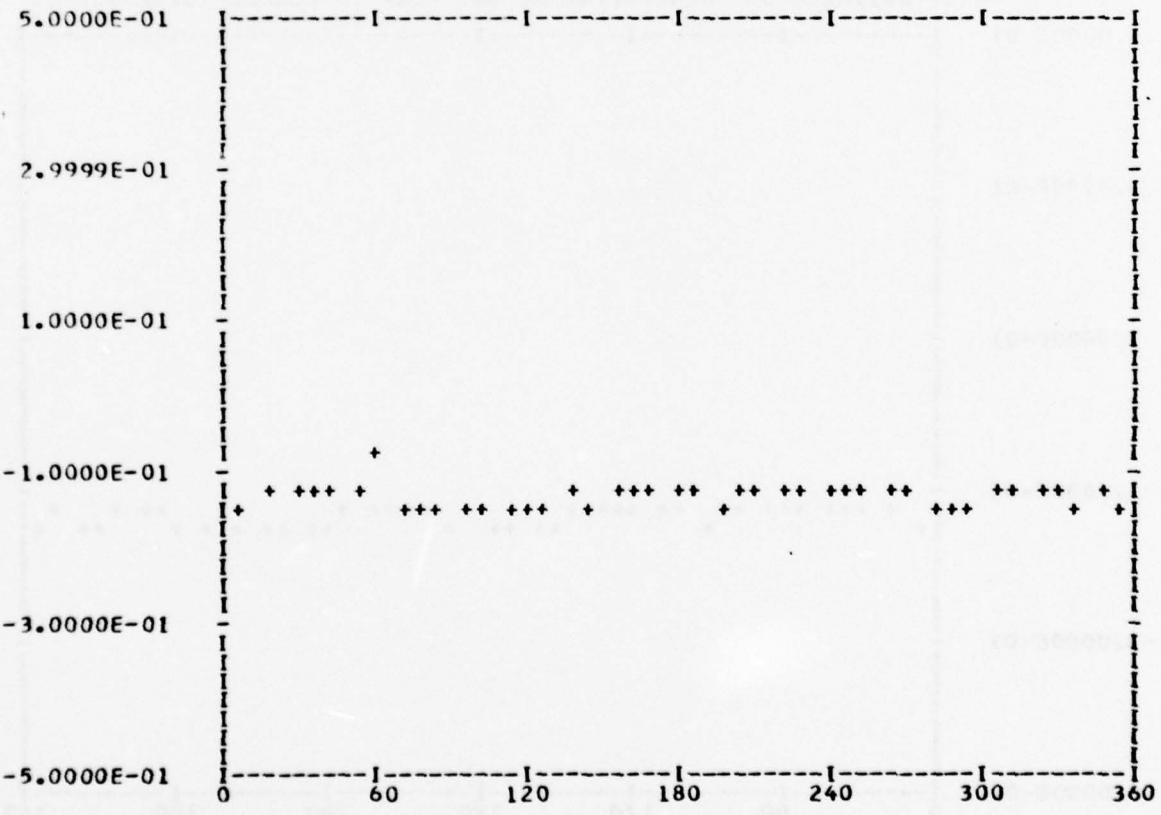
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13264E 00	1	-0.77519E-03	-0.41201E-02	0.41924E-02	190.6
	2	0.29184E-02	0.56974E-02	0.64014E-02	27.1
	3	-0.29572E-02	0.28833E-02	0.41302E-02	314.2
	4	-0.70813E-02	0.12407E-02	0.71892E-02	279.9
	5	-0.16571E-02	0.28559E-02	0.33019E-02	329.8
	6	0.33785E-02	0.85575E-03	0.34852E-02	75.7
	7	0.23322E-02	0.45246E-03	0.23757E-02	79.0
	8	-0.54828E-03	0.30434E-02	0.30924E-02	349.7
	9	-0.40178E-02	0.32724E-02	0.51818E-02	309.1
	10	-0.59345E-02	-0.27354E-04	0.59345E-02	269.7

MAX=-0.87007E-01 MIN=-0.15208E 00 PEAK TO PEAK/2= 0.32540E-01



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

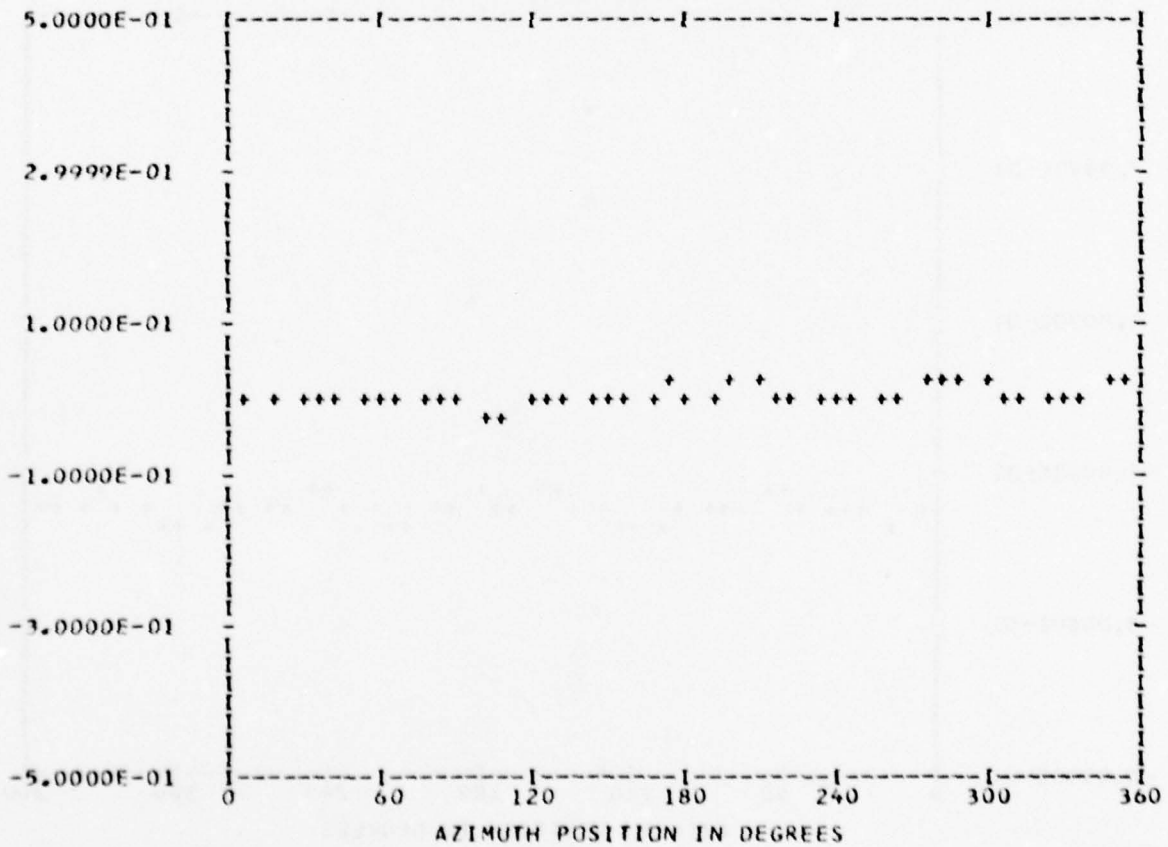
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.37305E-02	1	-0.72766E-04	-0.83130E-02	0.83134E-02	180.5
	2	0.44051E-02	-0.38919E-02	0.58781E-02	131.4
	3	-0.31971E-03	0.10740E-02	0.11206E-02	343.4
	4	0.49366E-02	-0.26692E-02	0.56121E-02	118.3
	5	0.73350E-04	-0.41334E-02	0.41340E-02	178.9
	6	-0.56166E-03	-0.17629E-02	0.18502E-02	197.6
	7	-0.42891E-03	-0.19244E-03	0.47010E-03	245.8
	8	-0.31274E-02	-0.11219E-03	0.31294E-02	267.9
	9	0.26298E-03	-0.18571E-02	0.18757E-02	171.9
	10	-0.29026E-03	0.17686E-02	0.17923E-02	350.6

MAX= 0.26510E-01 MIN=-0.13584E-01 PEAK TO PEAK/2= 0.20047E-01



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

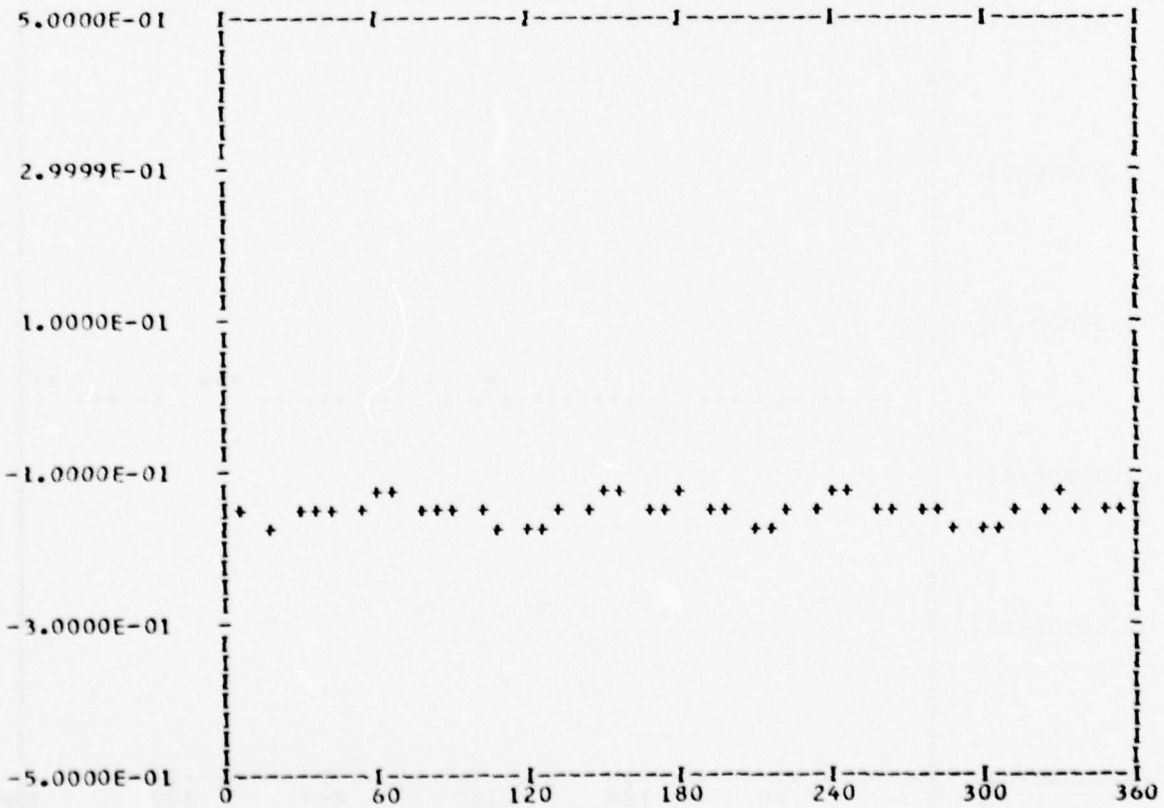
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15037E 00	1	-0.15830E-02	0.10780E-02	0.19153E-02	304.2
	2	0.13836E-02	0.21290E-02	0.25391E-02	33.0
	3	-0.85561E-04	0.12827E-02	0.12855E-02	356.1
	4	-0.65532E-02	-0.13554E-01	0.15055E-01	205.8
	5	-0.22164E-02	0.16734E-02	0.27771E-02	307.0
	6	0.12126E-02	0.83622E-03	0.14730E-02	55.4
	7	-0.25980E-03	-0.54174E-04	0.26539E-03	258.2
	8	0.73999E-02	-0.12304E-02	0.75015E-02	99.4
	9	-0.73693E-04	-0.10769E-02	0.10794E-02	183.9
	10	-0.53598E-04	-0.47672E-03	0.47973E-03	186.4

MAX=-0.12605E 00 MIN=-0.17661E 00 PEAK TO PEAK/2= 0.25279E-01



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

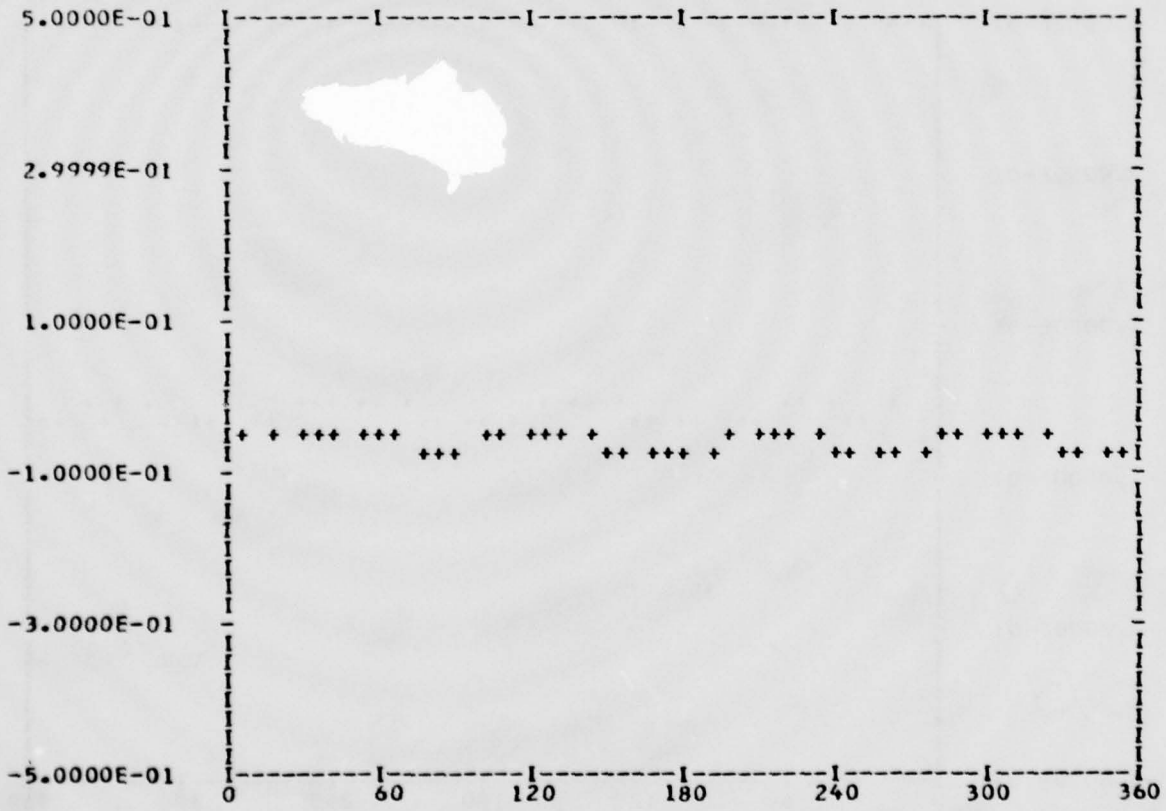
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.59871E-01	1	0.21559E-02	0.38569E-02	0.44186E-02	29.2
	2	0.79625E-03	0.15519E-02	0.17442E-02	27.1
	3	0.15067E-02	0.11302E-02	0.18835E-02	53.1
	4	0.27792E-02	0.13453E-01	0.13737E-01	11.6
	5	0.69870E-03	-0.55855E-03	0.89452E-03	128.6
	6	0.46619E-03	-0.28646E-03	0.54717E-03	121.5
	7	0.22838E-02	-0.96882E-04	0.22858E-02	92.4
	8	0.28576E-02	-0.19931E-02	0.34840E-02	124.8
	9	0.76592E-03	-0.44664E-03	0.88664E-03	120.2
	10	0.28221E-03	0.12860E-02	0.13166E-02	12.3

MAX=-0.40752E-01 MIN=-0.81188E-01 PEAK TO PEAK/2= 0.20218E-01



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

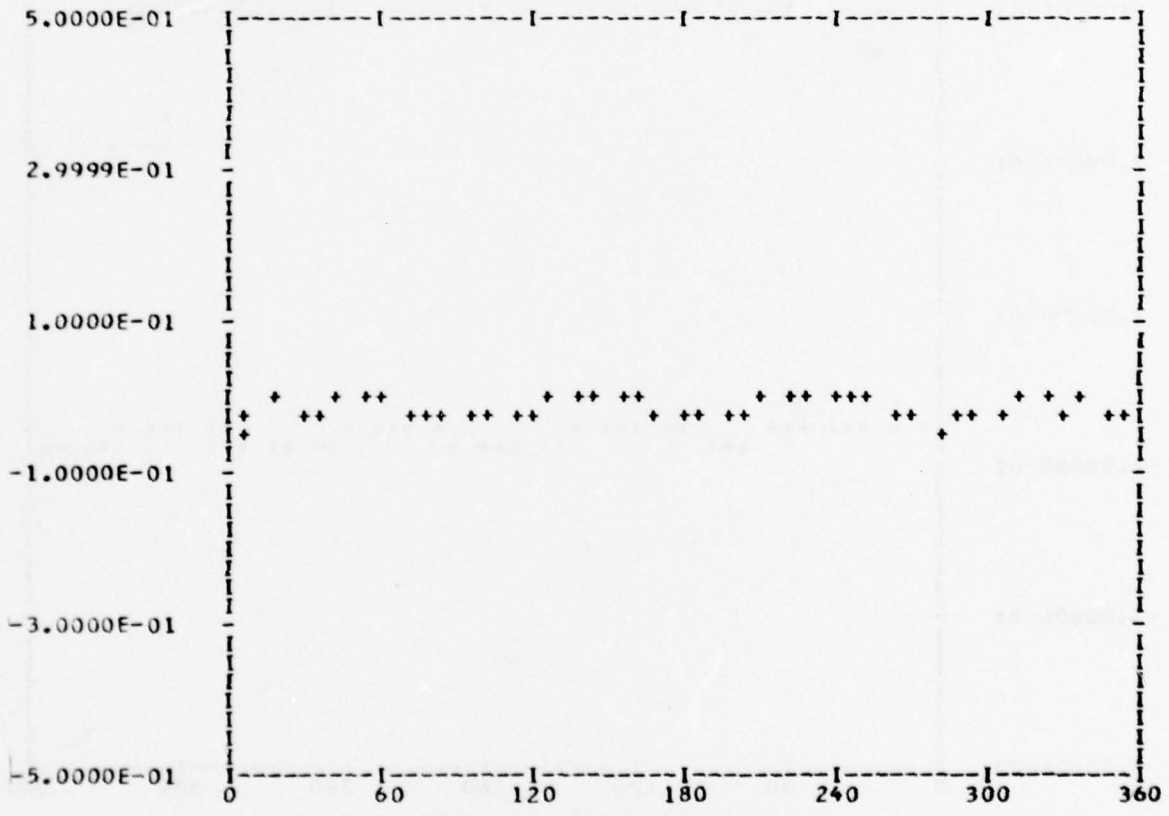
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.17525E-01	1	-0.58036E-03	0.25649E-02	0.26297E-02	347.2
	2	0.18068E-02	0.27196E-02	0.32651E-02	33.5
	3	0.65981E-03	-0.85673E-03	0.10813E-02	142.3
	4	-0.12128E-01	0.21161E-02	0.12311E-01	279.8
	5	0.73444E-03	0.94103E-03	0.11937E-02	37.9
	6	0.53330E-03	0.21422E-02	0.22076E-02	13.9
	7	0.14305E-02	0.67142E-03	0.15803E-02	64.8
	8	-0.33722E-02	0.21933E-02	0.40227E-02	303.0
	9	-0.64719E-03	0.31201E-02	0.31865E-02	348.2
	10	-0.19499E-02	0.26608E-02	0.32988E-02	323.7

MAX= 0.12026E-01 MIN=-0.39086E-01 PEAK TO PEAK/2= 0.25556E-01



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

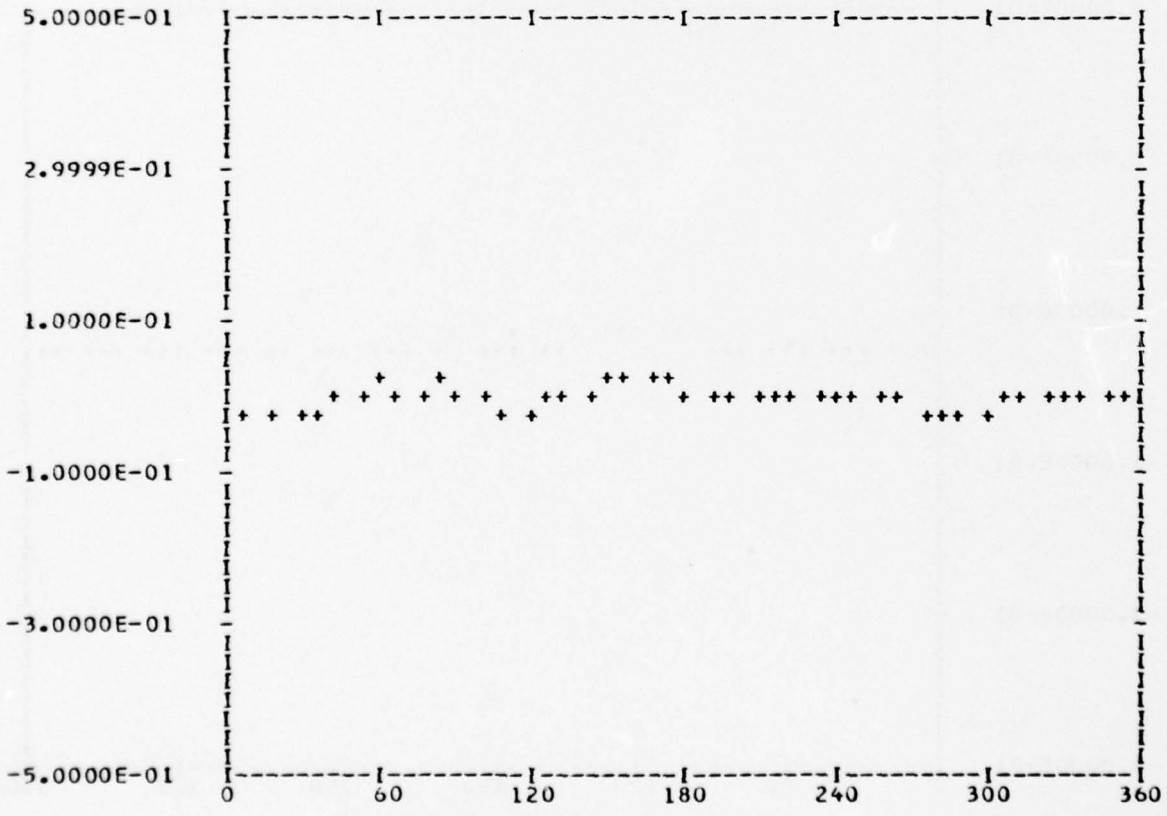
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14274E-02	1	-0.64417E-02	0.44910E-02	0.78527E-02	304.8
	2	0.51148E-02	-0.73309E-03	0.51671E-02	98.1
	3	-0.71164E-02	-0.23049E-02	0.74804E-02	252.0
	4	-0.85205E-02	-0.79481E-02	0.11652E-01	226.9
	5	0.90668E-03	0.11124E-02	0.14351E-02	39.1
	6	-0.12041E-02	0.19216E-02	0.22677E-02	327.9
	7	0.22466E-02	-0.10760E-02	0.24910E-02	115.5
	8	-0.66419E-03	-0.18937E-02	0.20068E-02	199.3
	9	0.83458E-04	-0.42180E-03	0.42998E-03	168.8
	10	0.10635E-02	0.86474E-03	0.13707E-02	50.8

MAX= 0.23421E-01 MIN=-0.27046E-01 PEAK TO PEAK/2= 0.25233E-01



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

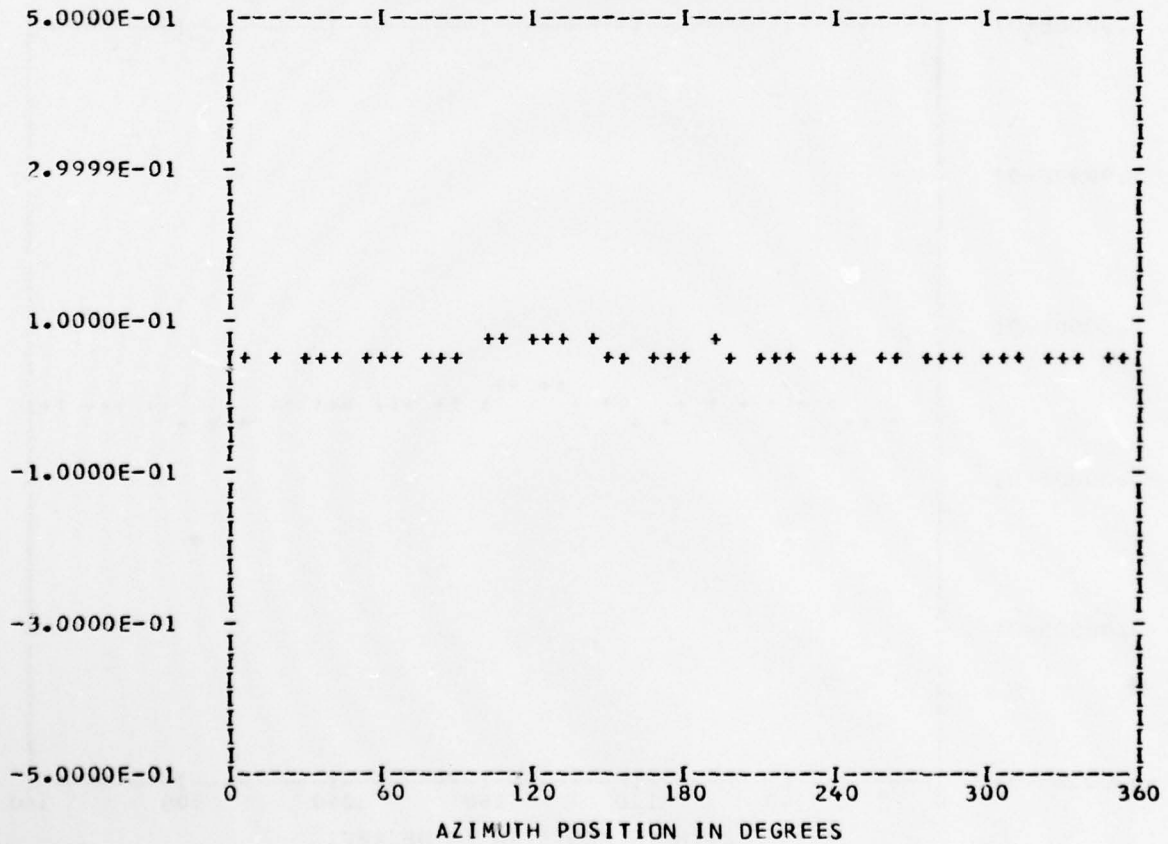
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.59156E-01	1	-0.20771E-02	0.37812E-03	0.21112E-02	280.3
	2	-0.81195E-03	-0.10633E-02	0.13379E-02	217.3
	3	0.26103E-03	-0.57993E-03	0.63597E-03	155.7
	4	0.21461E-02	0.20866E-02	0.29933E-02	45.8
	5	0.24273E-03	-0.37153E-03	0.44379E-03	146.8
	6	-0.78939E-04	-0.41636E-03	0.42378E-03	190.7
	7	-0.20987E-03	0.78791E-04	0.22417E-03	290.5
	8	0.37289E-03	-0.63867E-03	0.73956E-03	149.7
	9	-0.22478E-03	0.34716E-03	0.41358E-03	327.0
	10	-0.14652E-03	-0.12823E-03	0.19471E-03	228.8

MAX= 0.64869E-01 MIN= 0.54221E-01 PEAK TO PEAK/2= 0.53242E-02



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

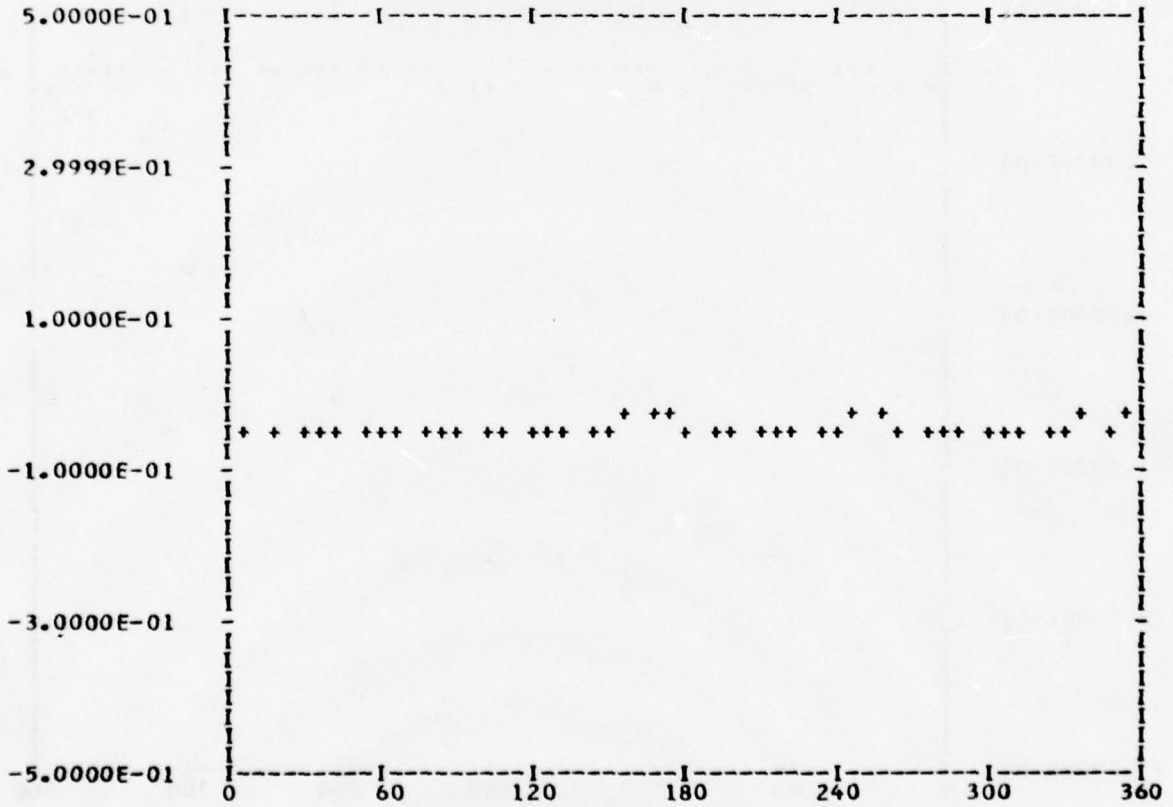
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.41633E-01	1	-0.53855E-03	-0.80172E-03	0.96581E-03	213.8
	2	0.96611E-03	-0.33781E-03	0.10234E-02	109.2
	3	0.16588E-03	-0.15670E-03	0.22819E-03	133.3
	4	-0.16286E-02	-0.37218E-02	0.40626E-02	203.6
	5	0.90735E-04	0.13375E-03	0.16162E-03	34.1
	6	0.33374E-04	0.31153E-04	0.45655E-04	46.9
	7	-0.70867E-04	0.60515E-04	0.93190E-04	310.4
	8	-0.64712E-05	-0.47904E-03	0.47908E-03	180.7
	9	0.27018E-03	0.24121E-03	0.36219E-03	48.2
	10	0.20115E-03	-0.26794E-04	0.20293E-03	97.5

MAX=-0.34710E-01 MIN=-0.47642E-01 PEAK TO PEAK/2= 0.64662E-02



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

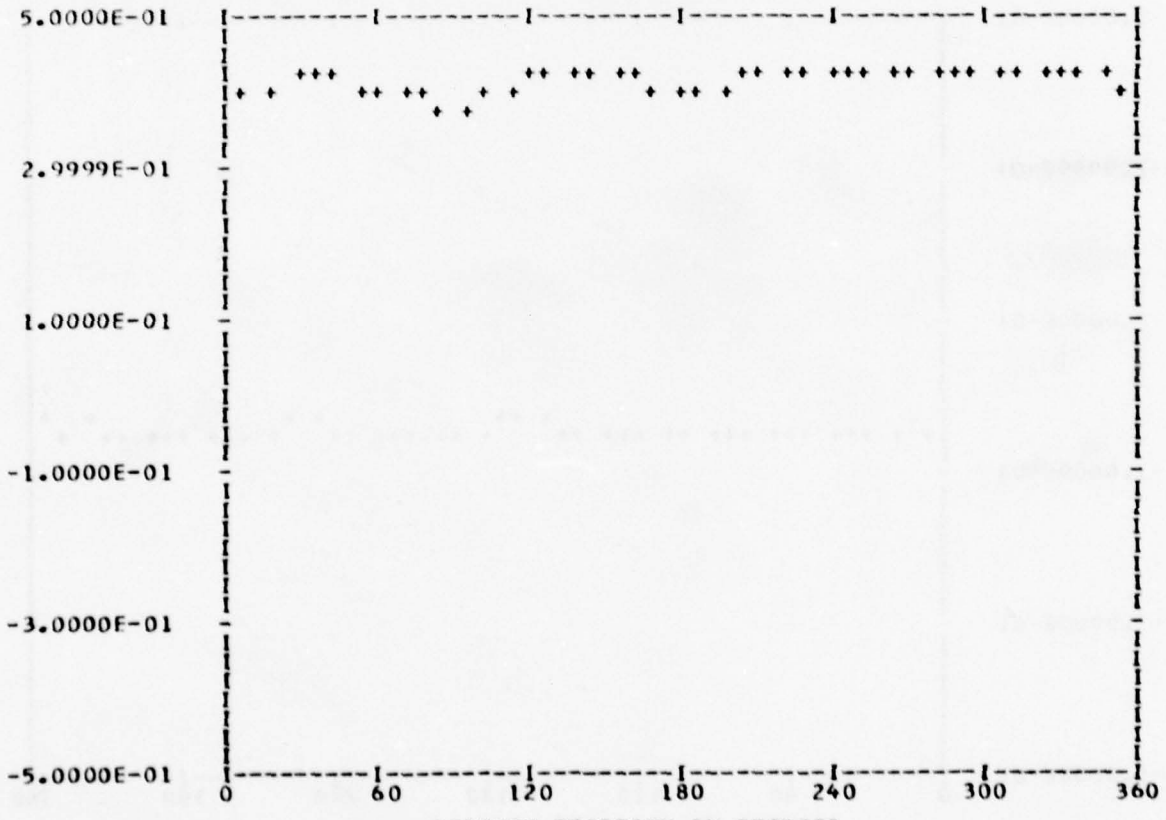
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.41299E 00	1	-0.12138E-02	-0.92870E-02	0.93660E-02	187.4
	2	-0.72019E-03	-0.43782E-02	0.44370E-02	189.3
	3	0.18784E-03	0.46683E-02	0.46720E-02	2.3
	4	-0.10418E-01	0.48224E-02	0.11480E-01	294.8
	5	0.65744E-03	-0.11800E-02	0.13508E-02	150.8
	6	-0.13847E-02	0.57607E-03	0.14998E-02	292.5
	7	-0.14777E-03	0.11408E-02	0.11503E-02	352.6
	8	-0.33732E-02	0.11320E-02	0.35580E-02	288.5
	9	-0.13309E-02	0.39991E-03	0.13897E-02	286.7
	10	-0.65823E-03	0.12206E-02	0.13868E-02	331.6

MAX= 0.43622E 00 MIN= 0.38547E 00 PEAK TO PEAK/2= 0.25374E-01



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

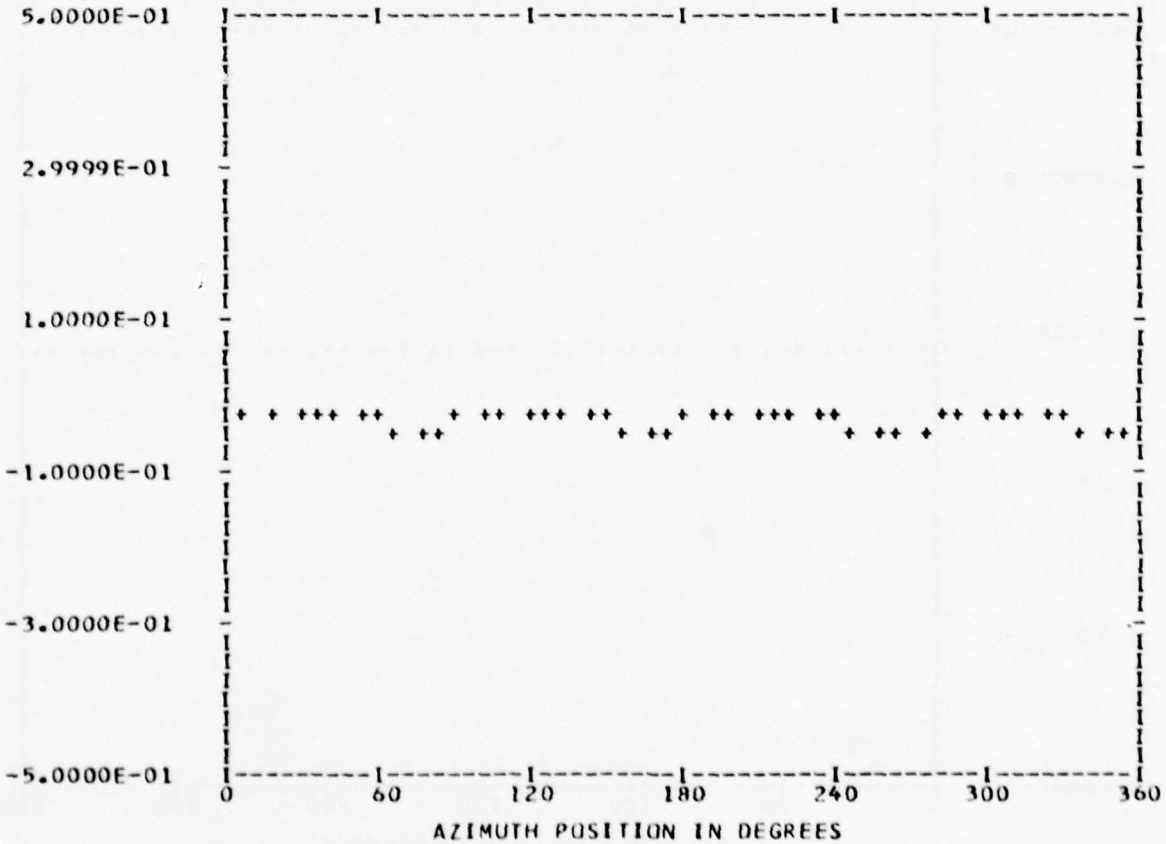
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.34231E-01	1	-0.17201E-02	0.15069E-02	0.22869E-02	311.2
	2	-0.94534E-03	0.26828E-03	0.98267E-03	285.8
	3	0.86676E-03	-0.55488E-03	0.10291E-02	122.6
	4	0.11167E-02	0.86288E-02	0.87008E-02	7.3
	5	-0.40785E-03	-0.39978E-03	0.57111E-03	225.5
	6	-0.22443E-03	-0.50658E-03	0.55407E-03	203.8
	7	0.58183E-04	0.12610E-03	0.13887E-03	24.7
	8	0.19850E-02	-0.63054E-03	0.20828E-02	107.6
	9	-0.61892E-03	0.36504E-03	0.71855E-03	300.5
	10	-0.34126E-04	-0.51036E-03	0.51150E-03	183.8

MAX=-0.20327E-01 MIN=-0.46360E-01 PEAK TO PEAK/2= 0.13016E-01



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

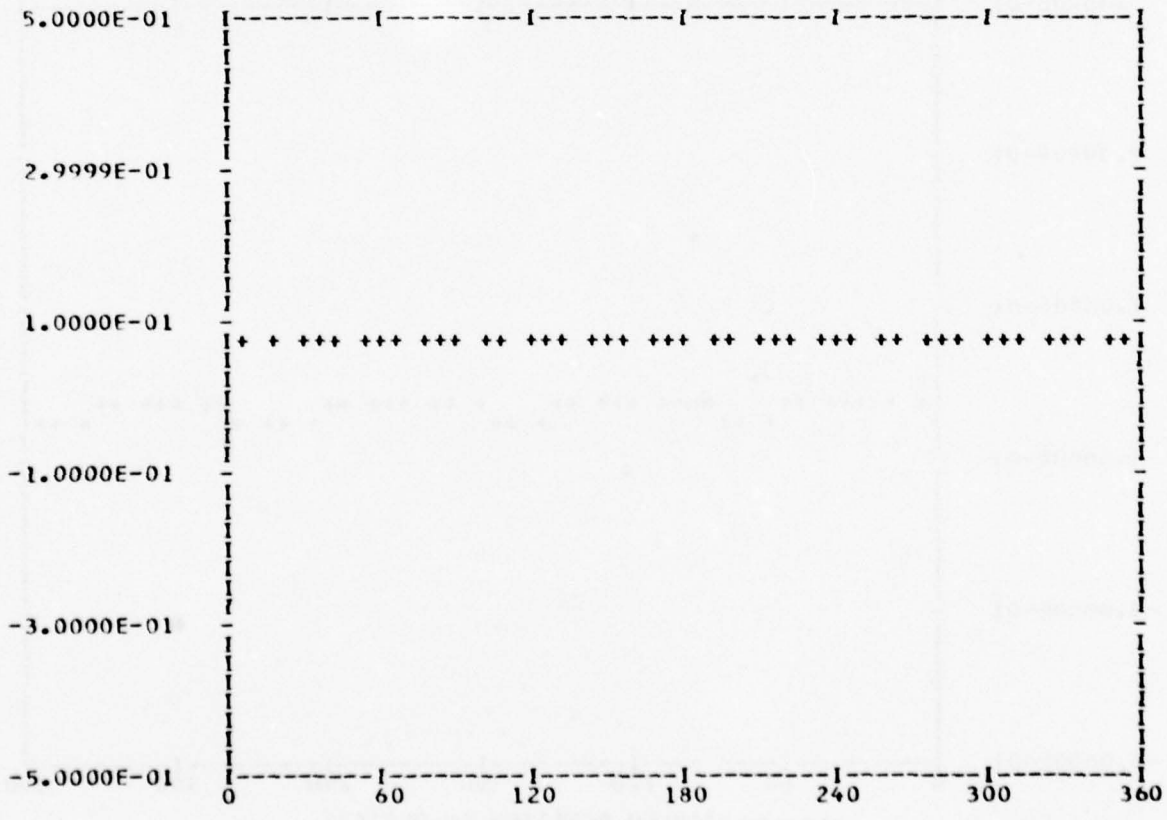
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 4
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.78400E-01	1	-0.16786E-02	-0.14366E-02	0.22094E-02	229.4
	2	0.97277E-04	-0.60339E-03	0.61118E-03	170.8
	3	-0.11413E-02	-0.40140E-03	0.12099E-02	250.6
	4	-0.69137E-02	-0.26960E-02	0.74208E-02	248.6
	5	-0.79250E-03	-0.12938E-02	0.15173E-02	211.4
	6	0.73450E-03	-0.24231E-03	0.77344E-03	108.2
	7	-0.14118E-03	0.66799E-05	0.14134E-03	272.7
	8	-0.18750E-02	-0.10748E-02	0.21612E-02	240.1
	9	0.49864E-03	0.66847E-04	0.50310E-03	82.3
	10	0.22436E-03	0.91516E-05	0.22455E-03	87.6

MAX= 0.86578E-01 MIN= 0.65811E-01 PEAK TO PEAK/2= 0.10383E-01



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

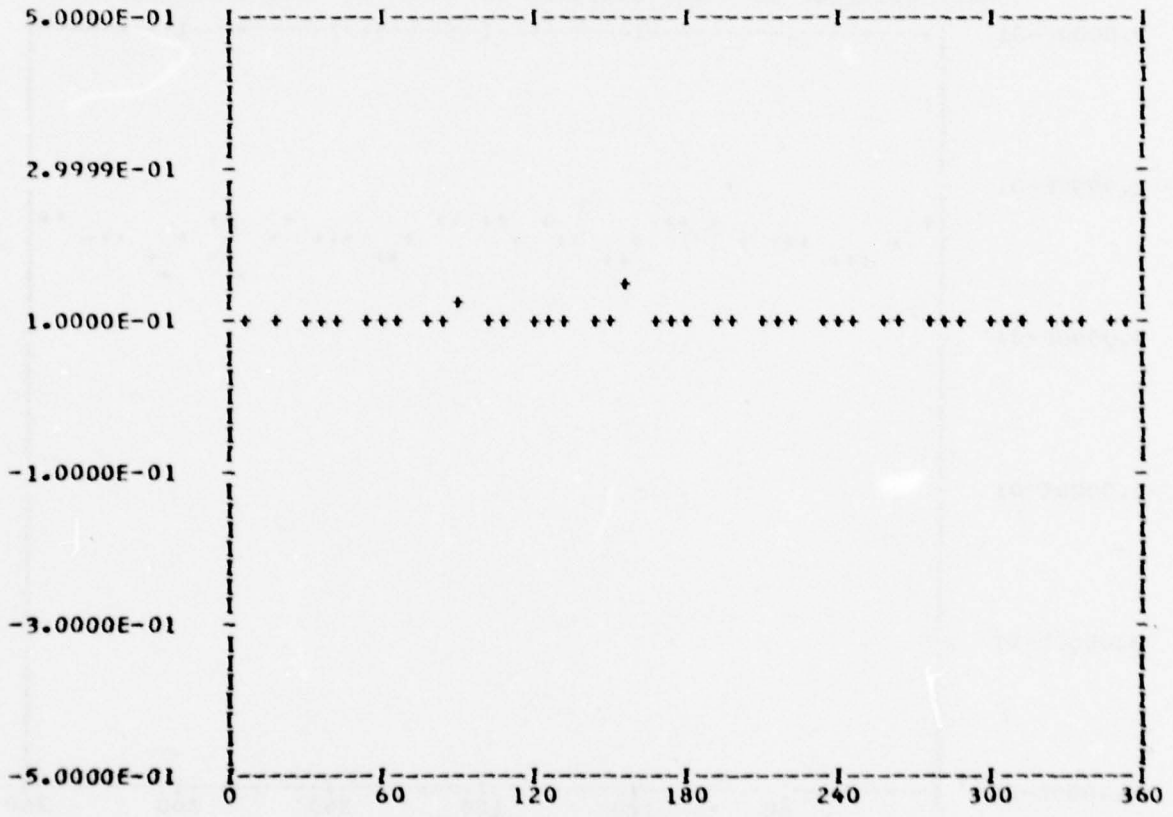
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.10362E 00	1	0.13524E-02	0.19690E-02	0.23887E-02	34.4
	2	-0.19489E-02	-0.87517E-03	0.21364E-02	245.8
	3	-0.18701E-03	0.25297E-02	0.25366E-02	355.7
	4	-0.25804E-02	-0.16584E-02	0.30674E-02	237.2
	5	0.28788E-02	0.76073E-03	0.29776E-02	75.1
	6	-0.70022E-03	0.18439E-02	0.19724E-02	339.2
	7	0.28464E-03	-0.16733E-02	0.16974E-02	170.3
	8	-0.56443E-04	0.49386E-03	0.49707E-03	353.4
	9	-0.10796E-02	-0.19136E-02	0.21972E-02	209.4
	10	0.13469E-02	0.52825E-03	0.14468E-02	68.5

MAX= 0.14769E 00 MIN= 0.92023E-01 PEAK TO PEAK/2= 0.27837E-01



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

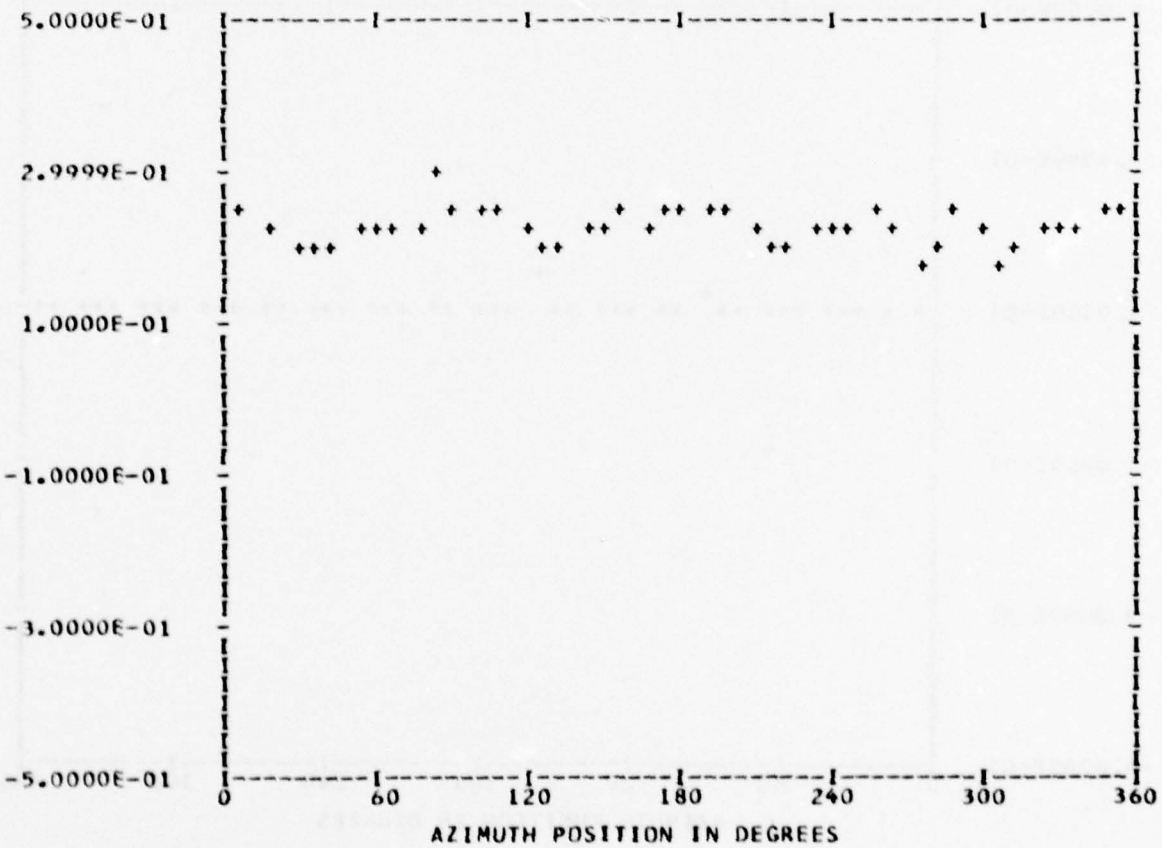
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.22676E 00	1	-0.32195E-02	0.93615E-02	0.98996E-02	341.0
	2	0.77047E-03	-0.46402E-03	0.89941E-03	121.0
	3	-0.41513E-02	-0.82916E-02	0.92727E-02	206.5
	4	0.90418E-02	-0.16058E-01	0.18429E-01	150.6
	5	0.31558E-02	0.41130E-02	0.51842E-02	37.4
	6	0.10653E-02	-0.22731E-03	0.10893E-02	102.0
	7	-0.79831E-02	-0.47240E-02	0.92761E-02	239.3
	8	0.24158E-02	0.69611E-02	0.73684E-02	19.1
	9	0.55032E-02	0.78142E-03	0.55584E-02	81.9
	10	0.73916E-02	-0.37076E-03	0.74009E-02	92.8

MAX= 0.31226E 00 MIN= 0.18122E 00 PEAK TO PEAK/2= 0.65520E-01



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

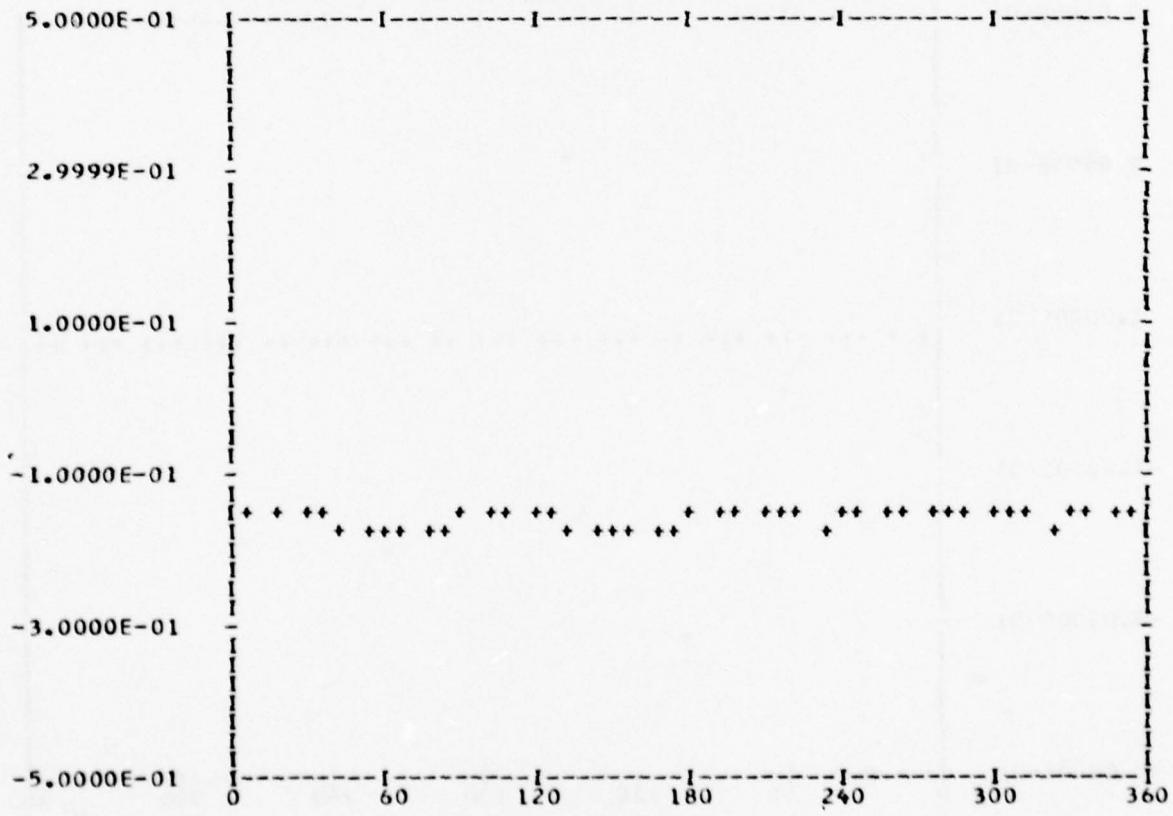
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16180E 00	1	0.24593E-03	-0.16119E-02	0.16306E-02	171.3
	2	-0.23374E-04	0.59814E-04	0.64219E-04	338.6
	3	0.62247E-03	-0.61747E-03	0.87678E-03	134.7
	4	0.18182E-02	0.12007E-02	0.21789E-02	56.5
	5	-0.57802E-03	0.43916E-03	0.72593E-03	307.2
	6	0.32421E-03	-0.21449E-03	0.38874E-03	123.4
	7	-0.18694E-03	-0.53776E-04	0.19452E-03	253.9
	8	-0.22651E-03	-0.32630E-04	0.22885E-03	261.8
	9	0.79451E-04	0.81546E-04	0.11385E-03	44.2
	10	0.20018E-04	-0.26566E-05	0.20193E-04	97.5

MAX=-0.15899E 00 MIN=-0.16694E 00 PEAK TO PEAK/2= 0.39765E-02



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

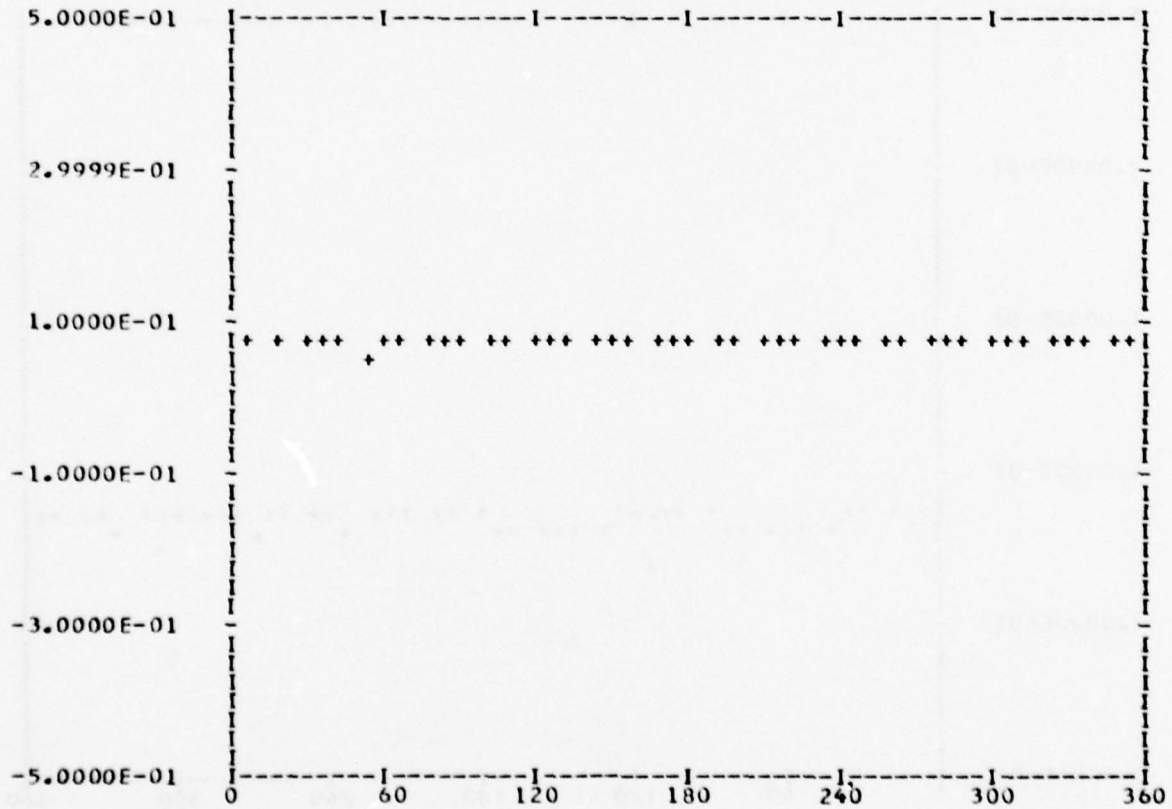
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.68115E-01	1	-0.89391E-03	0.41289E-03	0.98466E-03	294.7
	2	0.47622E-03	-0.78857E-03	0.92121E-03	148.8
	3	-0.38950E-03	-0.73627E-03	0.83296E-03	207.8
	4	0.22653E-02	-0.13112E-02	0.26174E-02	120.0
	5	0.83698E-04	0.57496E-03	0.58102E-03	8.2
	6	0.29153E-03	0.11889E-03	0.31484E-03	67.8
	7	0.22881E-03	-0.27918E-03	0.36096E-03	140.6
	8	-0.40430E-03	-0.32787E-05	0.40431E-03	269.5
	9	0.69944E-04	0.83533E-05	0.70441E-04	83.1
	10	-0.31598E-03	0.89201E-04	0.32833E-03	285.7

MAX= 0.73046E-01 MIN= 0.61699E-01 PEAK TO PEAK/2= 0.56732E-02



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

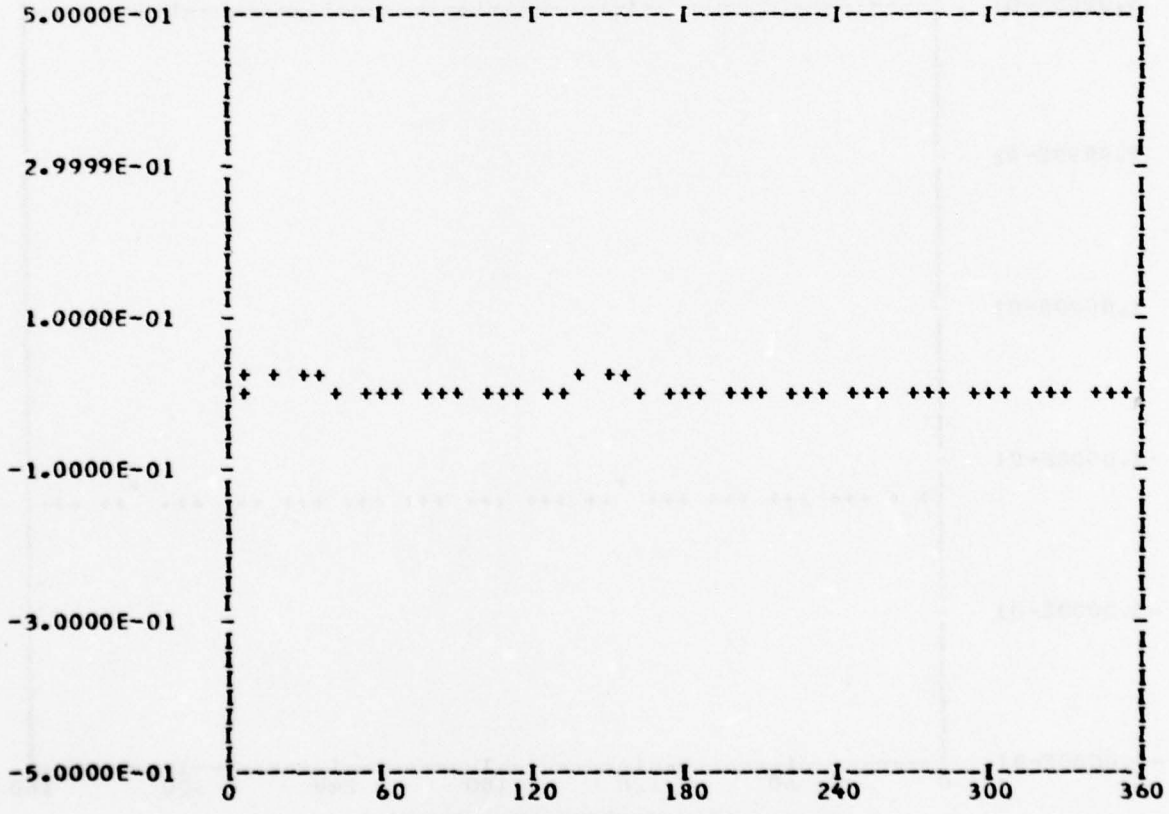
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.63755E-02	1	0.20123E-02	0.24677E-02	0.31842E-02	39.1
	2	-0.48796E-03	-0.15005E-02	0.15779E-02	198.0
	3	0.29867E-02	0.15523E-02	0.33661E-02	62.5
	4	0.20062E-02	0.17753E-02	0.26789E-02	48.4
	5	0.17735E-02	0.22286E-02	0.28482E-02	38.5
	6	0.26592E-02	0.29033E-02	0.39371E-02	42.4
	7	-0.90351E-03	0.65631E-03	0.11167E-02	305.9
	8	0.39011E-03	0.16847E-02	0.17292E-02	13.0
	9	-0.12317E-02	0.16717E-02	0.20764E-02	323.6
	10	-0.28407E-03	-0.13815E-02	0.14104E-02	191.6

MAX= 0.21697E-01 MIN=-0.37097E-02 PEAK TO PEAK/2= 0.12703E-01



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

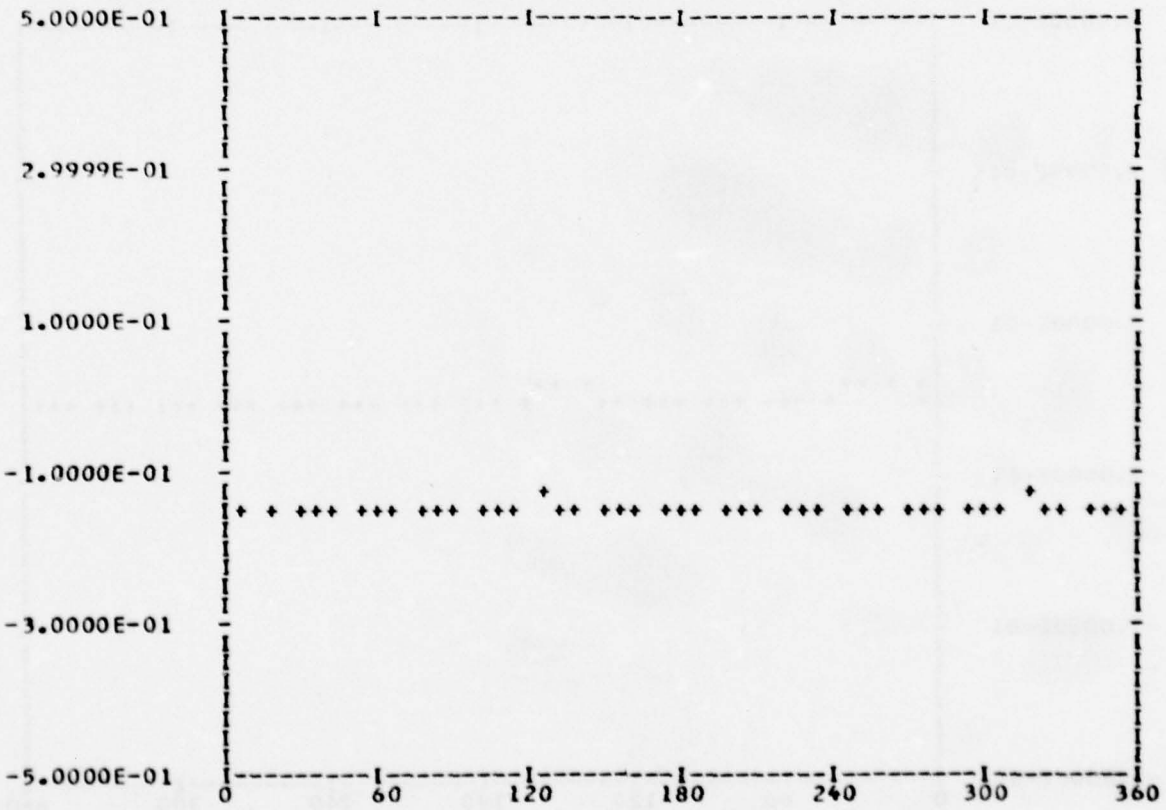
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14311E 00	1	0.34590E-03	0.10764E-02	0.11306E-02	17.8
	2	0.43474E-03	-0.24660E-02	0.25041E-02	170.0
	3	-0.43879E-03	-0.28478E-03	0.52311E-03	237.0
	4	0.10103E-02	0.41328E-03	0.10915E-02	67.7
	5	-0.79685E-03	0.60692E-03	0.10016E-02	307.2
	6	0.95532E-03	0.16287E-02	0.18882E-02	30.3
	7	0.18364E-03	0.28427E-03	0.33843E-03	32.8
	8	-0.14088E-02	0.79848E-03	0.16193E-02	299.5
	9	-0.35179E-03	-0.16234E-02	0.16611E-02	192.2
	10	-0.19551E-03	-0.23390E-03	0.30485E-03	219.8

MAX=-0.13707E 00 MIN=-0.15064E 00 PEAK TC PEAK/2= 0.67814E-02



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

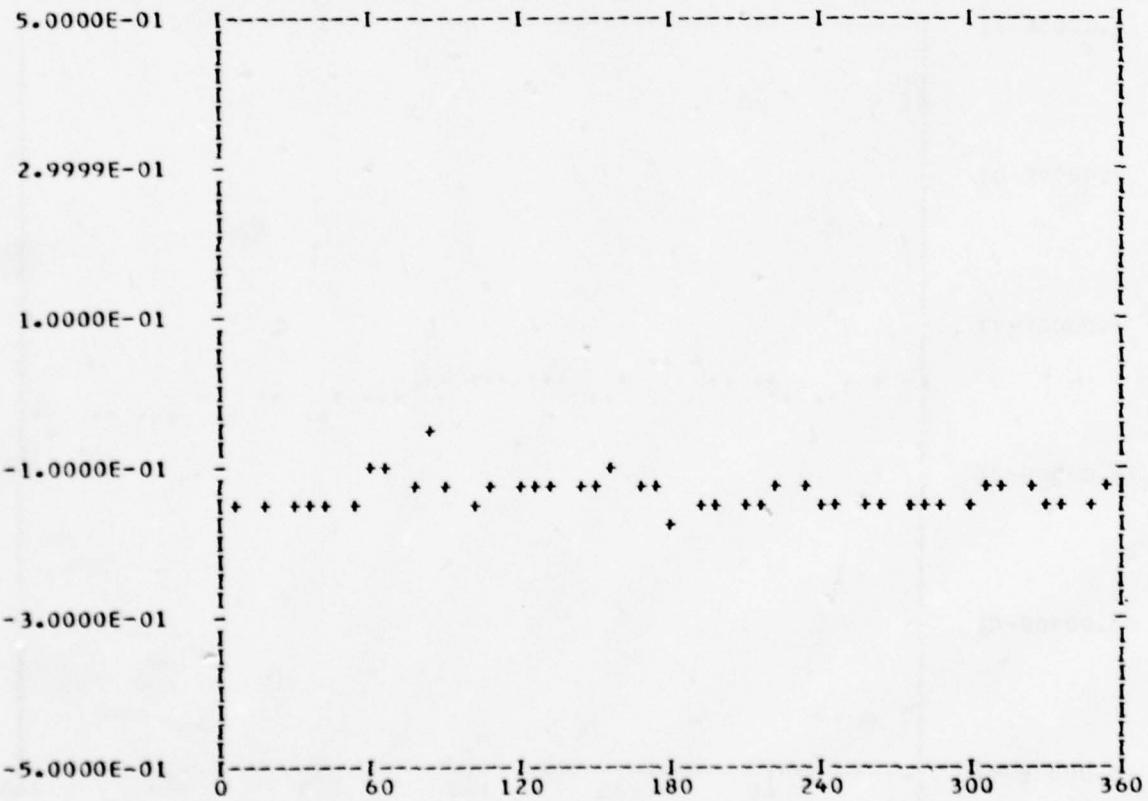
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13530E 00	1	0.83926E-05	0.10640E-01	0.10640E-01	0.0
	2	-0.50084E-02	-0.10010E-02	0.51074E-02	258.6
	3	-0.42251E-02	-0.29512E-02	0.51538E-02	235.0
	4	-0.82447E-02	-0.81566E-02	0.11597E-01	225.3
	5	0.89960E-02	0.53750E-04	0.89961E-02	89.6
	6	0.22865E-02	0.33994E-02	0.40969E-02	33.9
	7	0.26368E-02	-0.91385E-03	0.27907E-02	109.1
	8	-0.38382E-02	-0.43607E-02	0.58093E-02	221.3
	9	-0.45508E-04	-0.64558E-02	0.64560E-02	180.4
	10	0.16308E-02	0.34826E-02	0.38455E-02	25.0

MAX=-0.58145E-01 MIN=-0.16778E 00 PEAK TO PEAK/2= 0.54817E-01



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

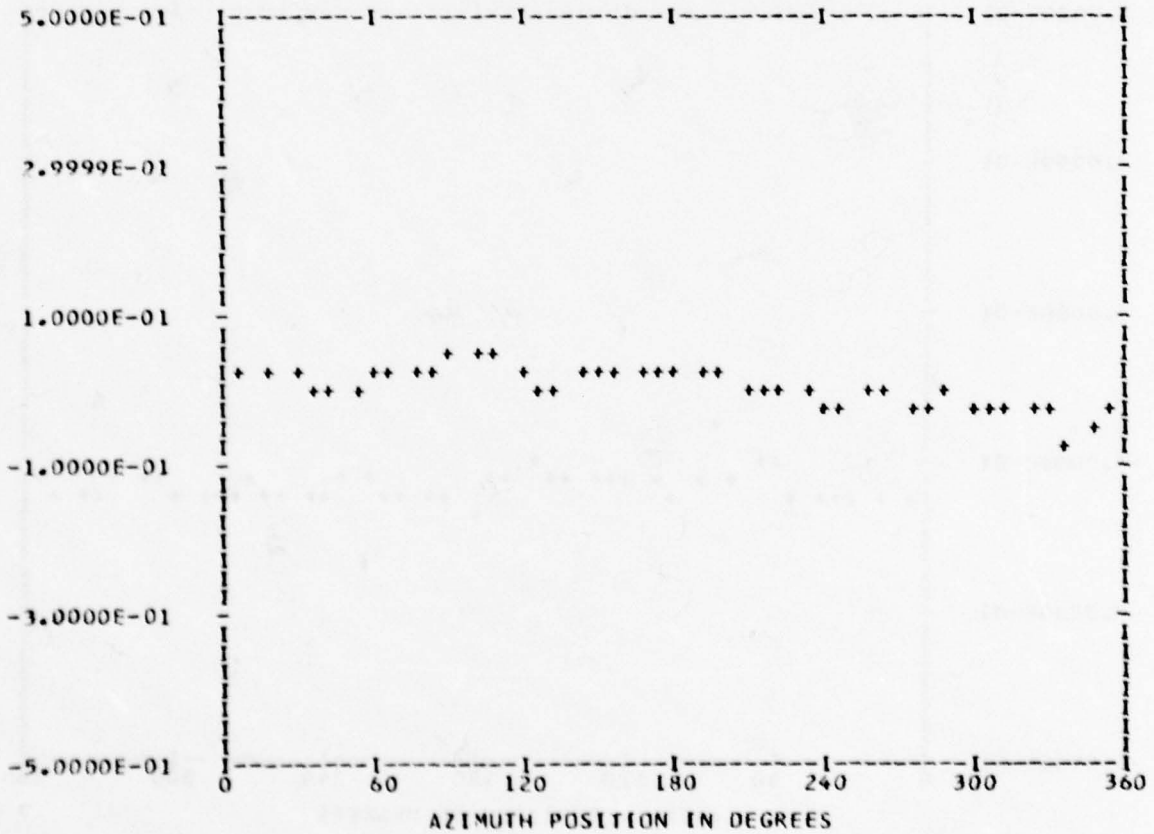
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.38533E-02	1	-0.74380E-02	0.26469E-01	0.27494E-01	344.3
	2	0.39761E-03	0.72280E-02	0.72389E-02	3.1
	3	-0.26286E-02	0.39821E-02	0.47714E-02	326.5
	4	0.14327E-01	0.24990E-02	0.14544E-01	80.1
	5	0.69356E-02	0.45215E-02	0.82793E-02	56.8
	6	0.57010E-02	0.23594E-02	0.61700E-02	67.5
	7	0.47018E-02	-0.32528E-02	0.57173E-02	124.6
	8	0.46691E-02	0.60075E-03	0.47076E-02	82.6
	9	-0.15434E-02	0.20931E-02	0.26006E-02	323.5
	10	-0.11363E-02	-0.30480E-02	0.32530E-02	200.4

MAX= 0.50053E-01 MIN=-0.68716E-01 PEAK TO PEAK/2= 0.59384E-01



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

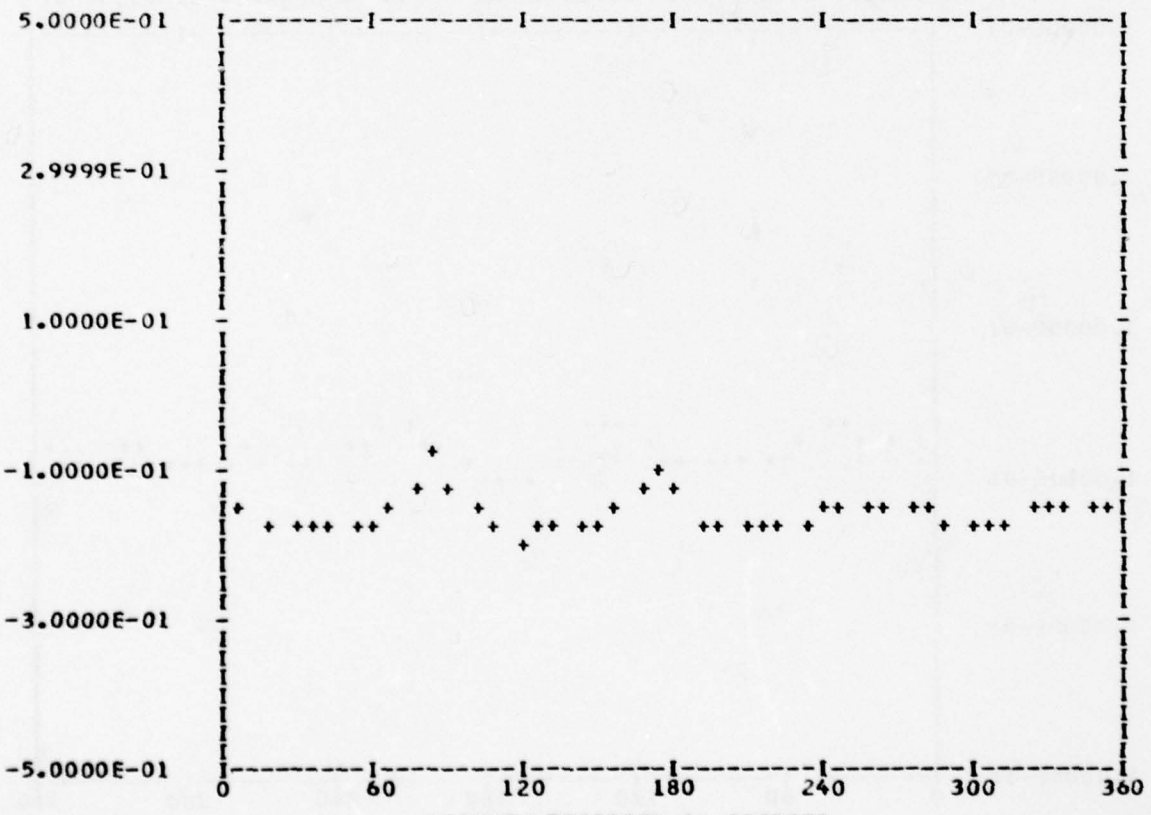
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15875E 00	1	-0.31982E-04	0.35390E-02	0.35391E-02	359.4
	2	-0.27451E-02	-0.12675E-02	0.30236E-02	245.2
	3	-0.77800E-02	-0.37380E-02	0.86314E-02	244.3
	4	0.70887E-02	-0.27044E-01	0.27957E-01	165.3
	5	0.57181E-02	0.79714E-02	0.98102E-02	35.6
	6	-0.74224E-03	0.39189E-02	0.39885E-02	349.2
	7	-0.25715E-02	0.64021E-02	0.68992E-02	338.1
	8	0.14200E-02	-0.61455E-02	0.63074E-02	166.9
	9	0.66767E-02	-0.23084E-02	0.70645E-02	109.0
	10	0.77838E-03	0.89063E-03	0.11828E-02	41.1

MAX=-0.74797E-01 MIN=-0.18866E 00 PEAK TO PEAK/2= 0.56934E-01



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

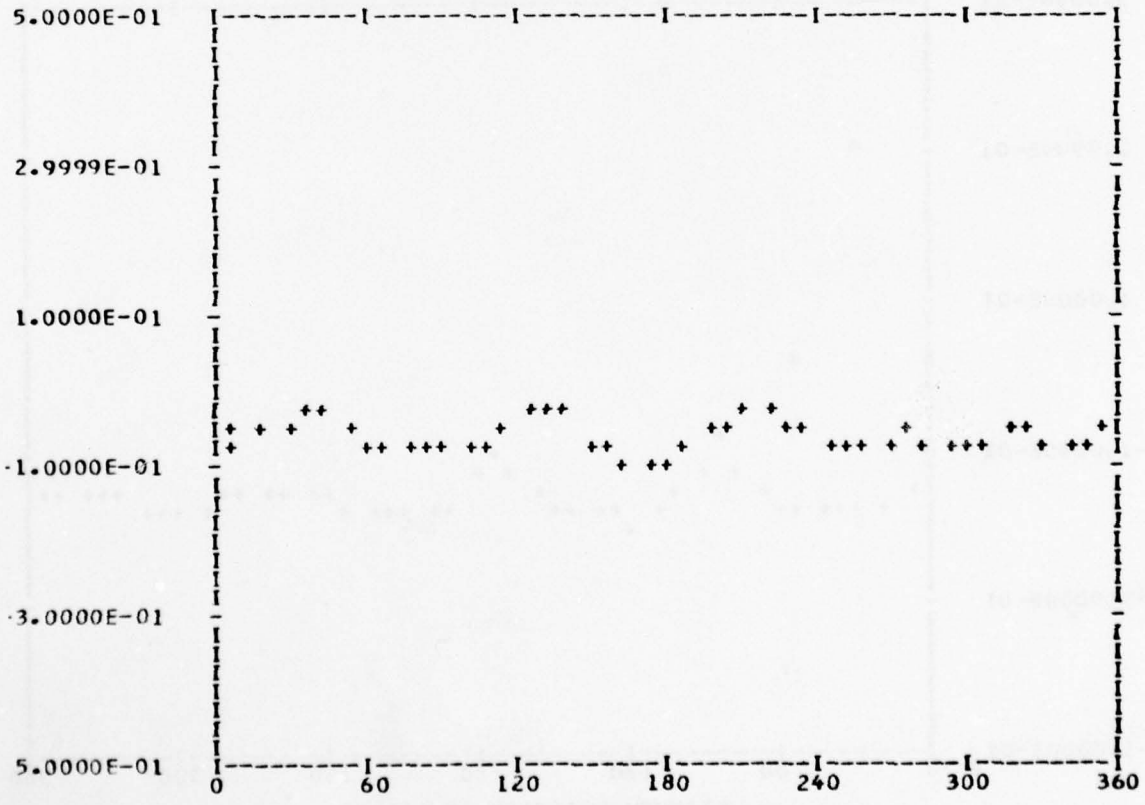
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.60780E-01	1	0.97906E-03	0.15905E-02	0.18677E-02	31.6
	2	0.46625E-02	0.15904E-02	0.49263E-02	71.1
	3	0.63549E-02	-0.33679E-02	0.71922E-02	117.9
	4	0.86335E-03	0.23349E-01	0.23365E-01	2.1
	5	-0.70133E-02	-0.71405E-02	0.10008E-01	224.4
	6	-0.29937E-02	0.34359E-02	0.45571E-02	318.9
	7	0.13233E-02	0.67699E-03	0.14864E-02	62.9
	8	-0.74122E-02	-0.31237E-02	0.80435E-02	247.1
	9	-0.32615E-02	-0.25057E-02	0.41130E-02	232.4
	10	-0.24128E-02	-0.14298E-02	0.28046E-02	239.3

MAX=-0.17978E-01 MIN=-0.91849E-01 PEAK TO PEAK/2= 0.36935E-01



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

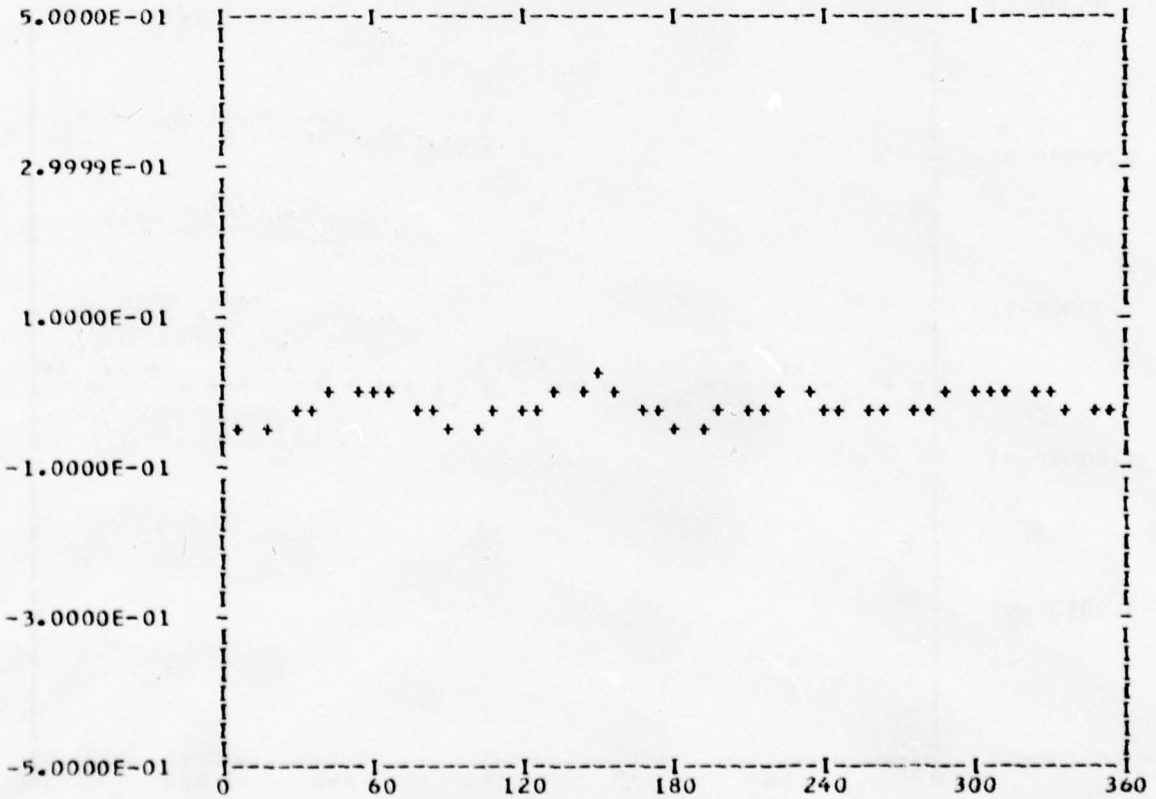
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.18592E-01	1	-0.16787E-02	-0.15598E-02	0.22915E-02	227.1
	2	-0.59888E-02	-0.56877E-02	0.82593E-02	226.4
	3	-0.45947E-02	0.55266E-02	0.71871E-02	320.2
	4	-0.20270E-01	-0.11138E-02	0.20300E-01	266.8
	5	0.66133E-02	-0.23272E-02	0.70108E-02	109.3
	6	-0.24733E-02	-0.19751E-02	0.31652E-02	231.3
	7	-0.10575E-02	-0.10661E-02	0.15017E-02	224.7
	8	-0.27247E-03	0.25262E-03	0.37156E-03	312.8
	9	-0.26071E-02	-0.34389E-03	0.26297E-02	262.4
	10	0.34473E-02	0.14619E-02	0.37445E-02	67.0

MAX= 0.22299E-01 MIN=-0.52240E-01 PEAK TO PEAK/2= 0.37269E-01



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

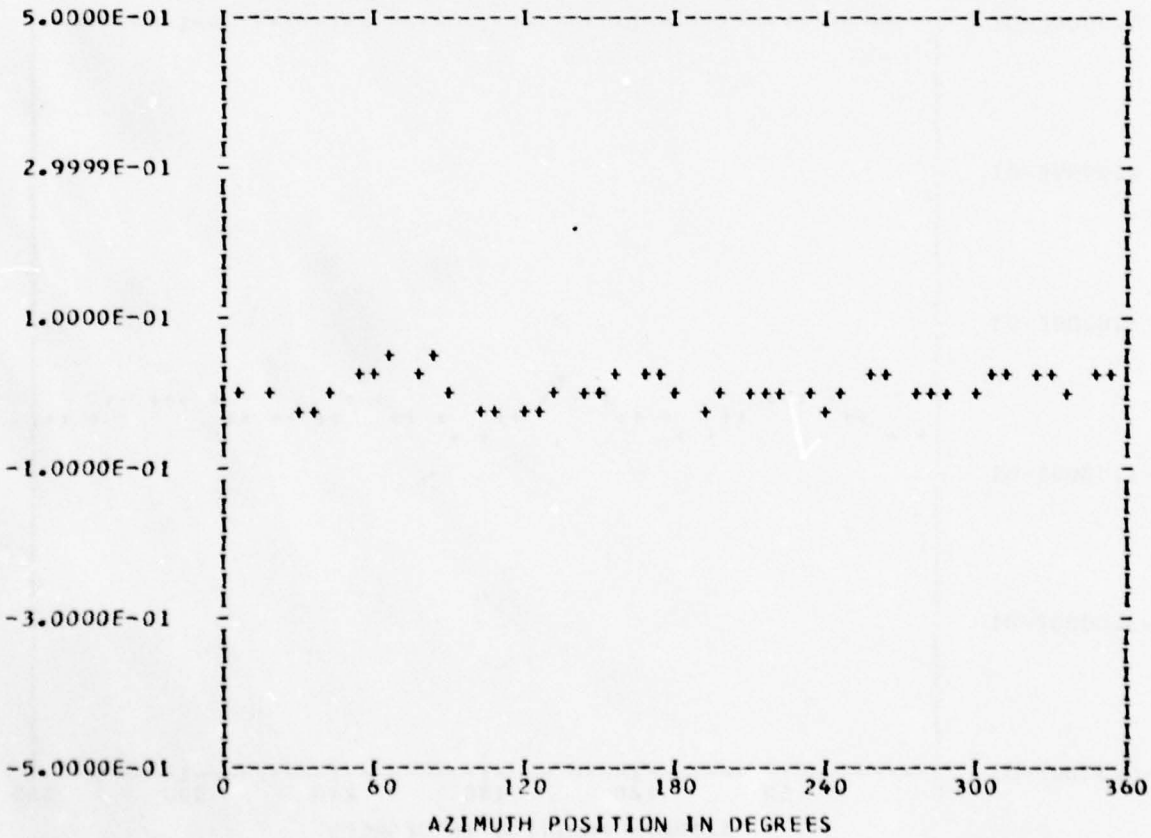
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.47258E-02	1	0.59355E-02	0.46817E-03	0.59539E-02	85.4
	2	-0.33073E-02	0.72576E-03	0.33860E-02	282.3
	3	-0.95791E-02	0.15800E-02	0.97086E-02	279.3
	4	-0.50770E-02	-0.16546E-01	0.17308E-01	197.0
	5	0.29731E-02	-0.34938E-02	0.45876E-02	139.6
	6	0.23953E-02	0.31471E-02	0.39550E-02	37.2
	7	0.46446E-02	-0.46096E-03	0.46675E-02	95.6
	8	-0.37719E-02	-0.49617E-02	0.62327E-02	217.2
	9	-0.35097E-03	0.15390E-02	0.15786E-02	347.1
	10	0.59564E-03	0.58174E-03	0.83259E-03	45.6

MAX= 0.49073E-01 MIN=-0.26836E-01 PEAK TO PEAK/2= 0.37955E-01



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

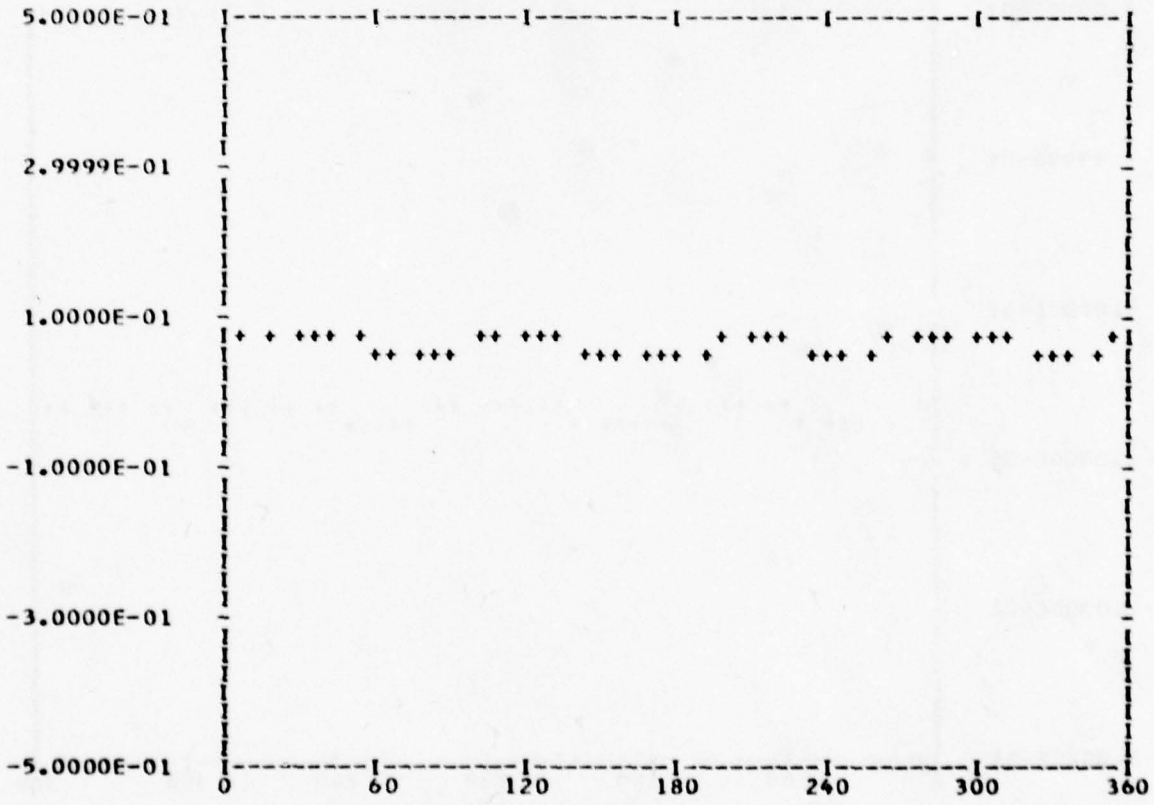
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.63025E-01	1	0.27655E-02	-0.17998E-02	0.32996E-02	123.0
	2	-0.21862E-03	0.13746E-02	0.13918E-02	350.9
	3	0.22545E-02	-0.93939E-03	0.24424E-02	112.6
	4	0.32723E-02	0.62244E-02	0.70322E-02	27.7
	5	-0.14438E-02	-0.54780E-03	0.15442E-02	249.2
	6	-0.34588E-03	0.16893E-04	0.34630E-03	272.7
	7	0.66445E-05	0.10462E-03	0.10483E-03	3.6
	8	-0.13772E-02	-0.69858E-03	0.15442E-02	243.1
	9	-0.33757E-03	-0.40963E-03	0.53081E-03	219.4
	10	-0.11605E-03	-0.37141E-03	0.38912E-03	197.3

MAX= 0.75230E-01 MIN= 0.49731E-01 PEAK TO PEAK/2= 0.12749E-01



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

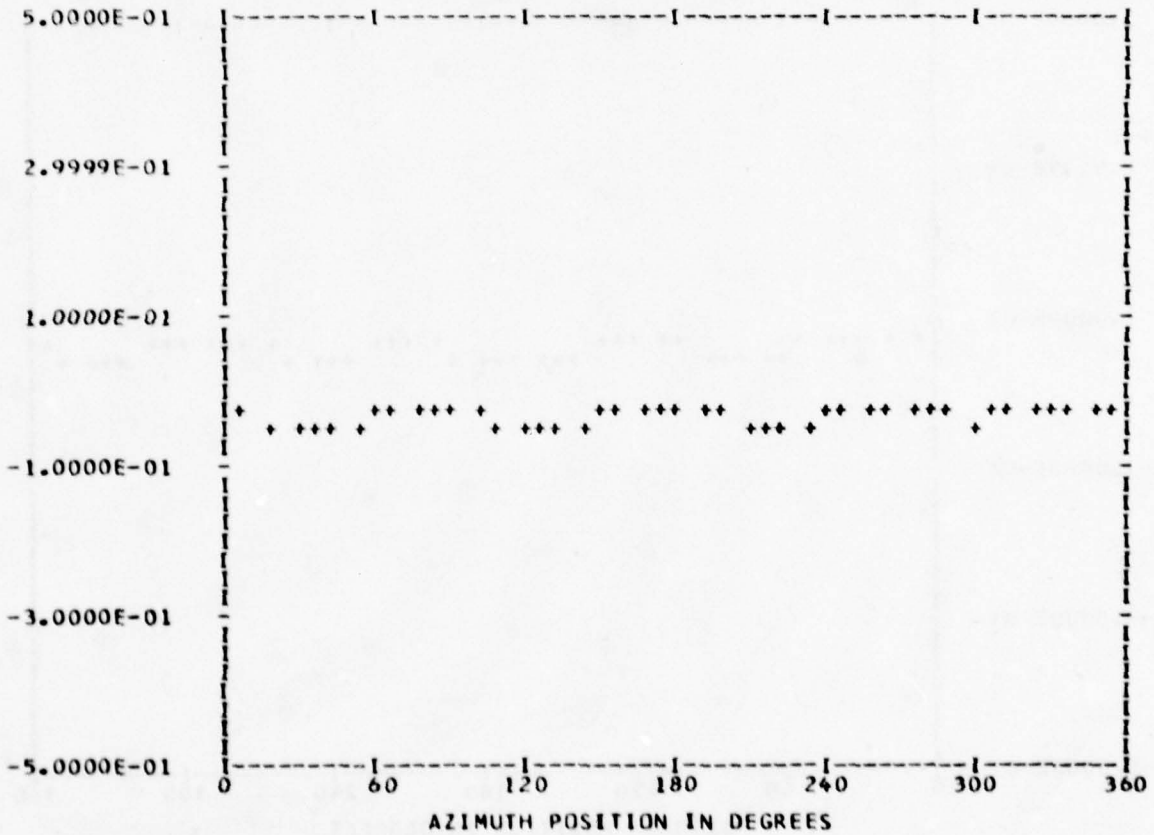
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.34237E-01	1	0.53806E-03	0.32019E-03	0.62612E-03	59.2
	2	0.32657E-03	-0.10336E-02	0.10840E-02	162.4
	3	-0.21535E-02	-0.91441E-03	0.23396E-02	246.9
	4	0.11416E-02	-0.62531E-02	0.63564E-02	169.6
	5	0.11526E-02	0.12511E-02	0.17011E-02	42.6
	6	0.21671E-03	-0.19464E-03	0.29129E-03	131.9
	7	0.17474E-03	0.48692E-04	0.18140E-03	74.4
	8	-0.17627E-03	-0.29605E-03	0.34456E-03	210.7
	9	0.24033E-04	-0.27847E-03	0.27950E-03	175.0
	10	-0.33429E-03	-0.16229E-03	0.37161E-03	244.1

MAX=-0.24461E-01 MIN=-0.43067E-01 PEAK TC PEAK/2= 0.93028E-02



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

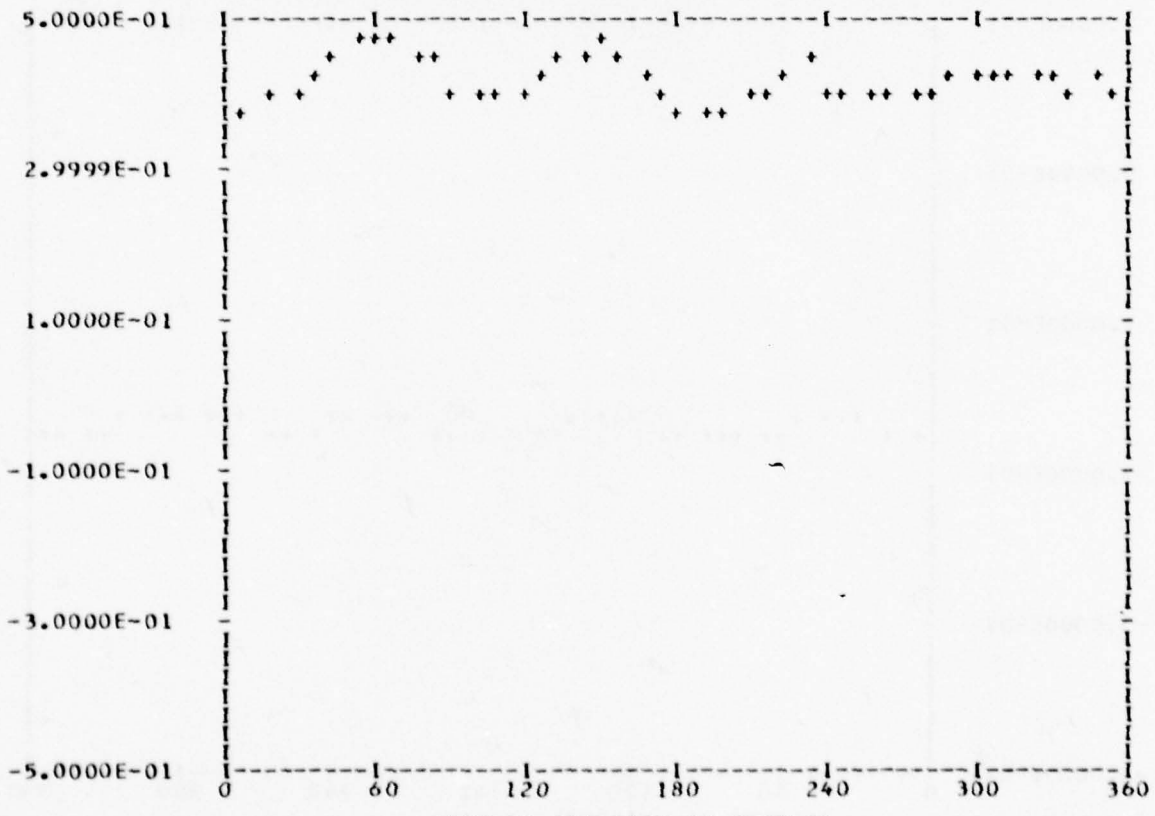
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.42028E 00	1	0.57920E-02	0.14108E-01	0.15251E-01	22.3
	2	-0.10752E-01	0.31819E-02	0.11213E-01	286.4
	3	-0.72408E-02	0.74584E-02	0.10395E-01	315.8
	4	-0.26465E-01	-0.33308E-02	0.26673E-01	262.8
	5	0.10787E-01	-0.27486E-02	0.11132E-01	104.2
	6	-0.25480E-02	-0.42071E-02	0.49186E-02	211.2
	7	-0.15155E-02	-0.19881E-02	0.24999E-02	217.3
	8	0.77331E-03	-0.27015E-02	0.28100E-02	164.0
	9	-0.30462E-02	-0.97822E-03	0.31994E-02	252.1
	10	0.18696E-02	-0.59884E-03	0.19631E-02	107.7

MAX= 0.47647E 00 MIN= 0.37523E 00 PEAK TC PEAK/2= 0.50615E-01



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

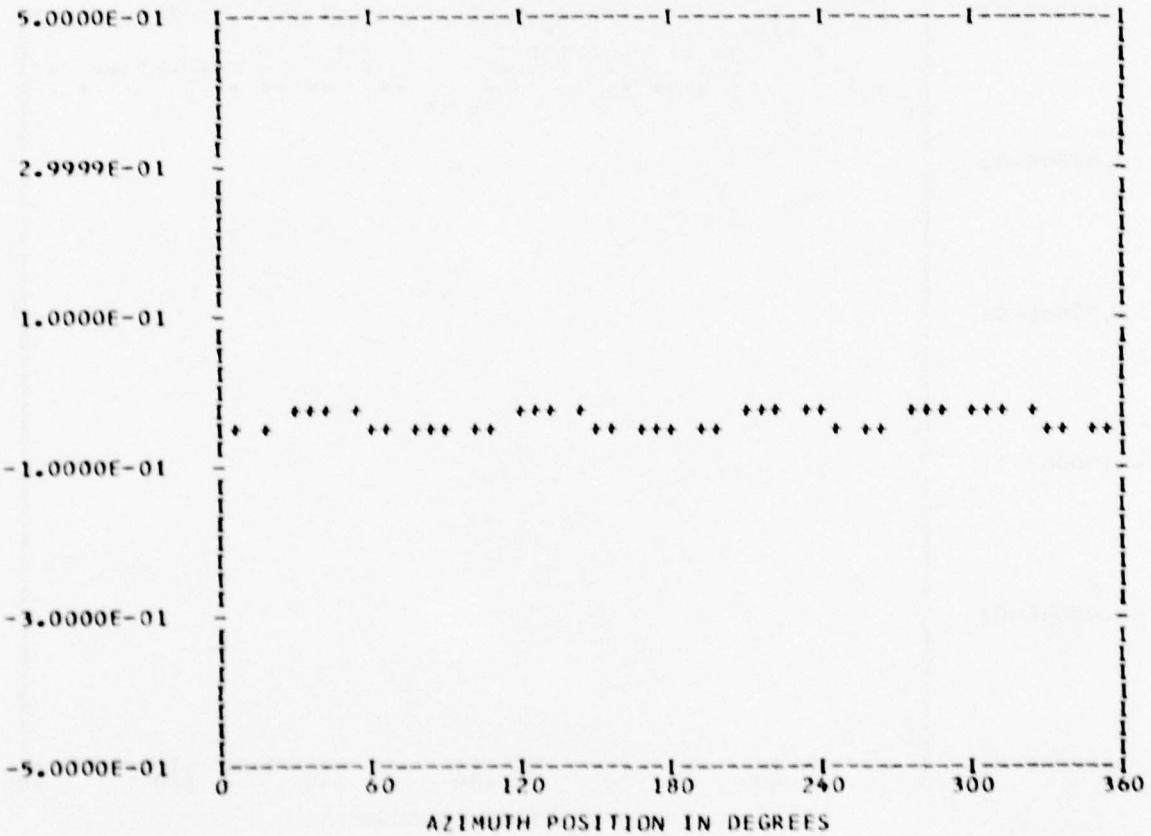
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.36274E-01	1	0.13335E-02	-0.13049E-02	0.18658E-02	134.3
	2	-0.12670E-03	0.19021E-02	0.19063E-02	356.1
	3	0.35989E-02	0.19389E-02	0.40880E-02	61.6
	4	-0.37488E-02	0.12758E-01	0.13298E-01	343.6
	5	-0.13511E-02	-0.24975E-02	0.28396E-02	208.4
	6	-0.23618E-02	-0.57190E-03	0.24300E-02	256.3
	7	-0.27720E-03	0.15984E-02	0.16222E-02	350.1
	8	-0.80002E-03	-0.32587E-02	0.33555E-02	193.7
	9	0.35333E-04	-0.11049E-02	0.11054E-02	178.1
	10	-0.25064E-03	-0.14295E-02	0.14513E-02	189.9

MAX=-0.13639E-01 MIN=-0.52262E-01 PEAK TO PEAK/2= 0.19311E-01



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

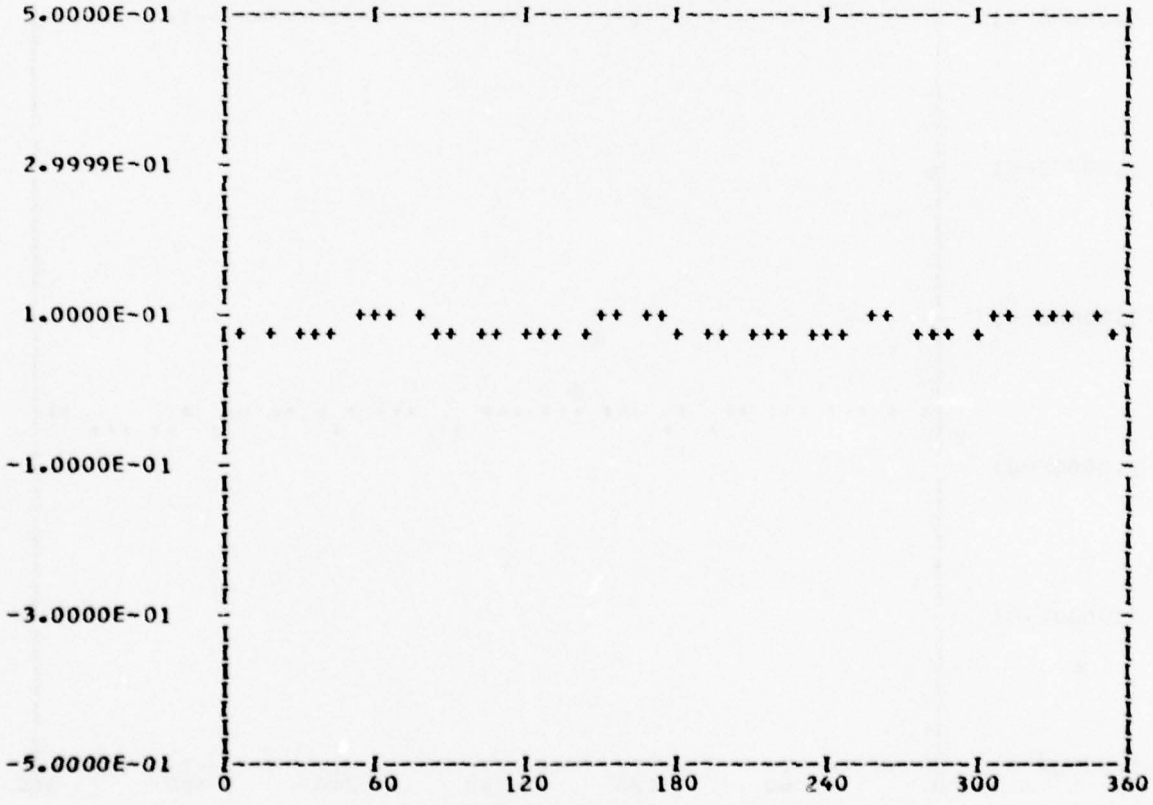
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 7
TP 7
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.81785E-01	1	0.17555E-02	-0.65562E-03	0.18739E-02	110.4
	2	-0.16210E-02	-0.21412E-02	0.26857E-02	217.1
	3	-0.41125E-02	0.27662E-02	0.49563E-02	303.9
	4	-0.79389E-02	-0.97833E-02	0.12599E-01	219.0
	5	0.23179E-02	0.80972E-03	0.24553E-02	70.7
	6	0.14085E-02	-0.84230E-03	0.16411E-02	120.8
	7	0.18848E-02	-0.14077E-02	0.23525E-02	126.7
	8	-0.91972E-03	0.95874E-04	0.92471E-03	275.9
	9	-0.76868E-03	0.35892E-03	0.84835E-03	295.0
	10	-0.18537E-03	0.58073E-03	0.60960E-03	342.2

MAX= 0.10159E 00 MIN= 0.64600E-01 PEAK TO PEAK/2= 0.18496E-01



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

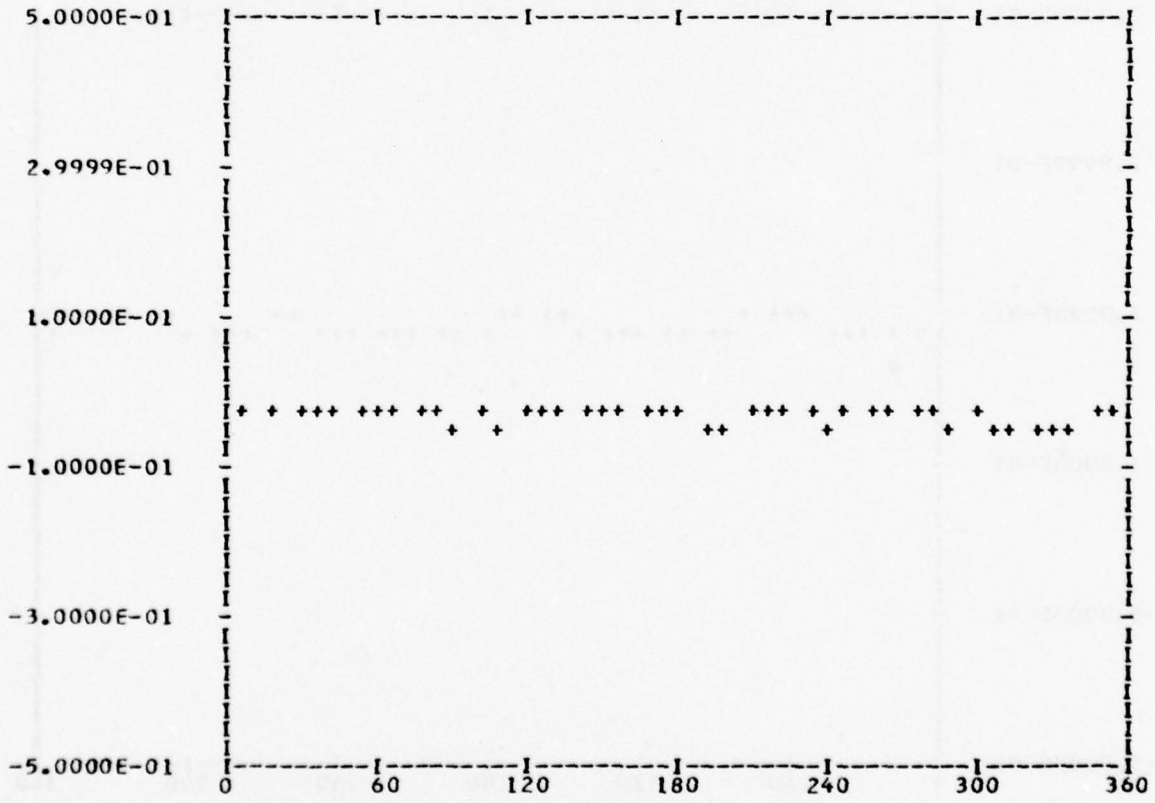
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.34933E-01	1	-0.13415E-02	0.18159E-02	0.22577E-02	323.5
	2	0.15008E-03	0.23372E-04	0.15189E-03	81.1
	3	0.14986E-02	0.83988E-03	0.17179E-02	60.7
	4	-0.13008E-02	-0.64687E-03	0.14528E-02	243.5
	5	0.51785E-03	-0.10908E-02	0.12075E-02	154.6
	6	-0.78482E-04	-0.20170E-03	0.21643E-03	201.2
	7	0.65613E-03	0.56115E-03	0.86336E-03	49.4
	8	-0.20816E-02	-0.23734E-04	0.20817E-02	269.3
	9	0.10154E-02	-0.17528E-04	0.10156E-02	90.9
	10	-0.52905E-03	-0.24147E-03	0.58155E-03	245.4

MAX=-0.28325E-01 MIN=-0.41930E-01 PEAK TO PEAK/2= 0.68023E-02



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

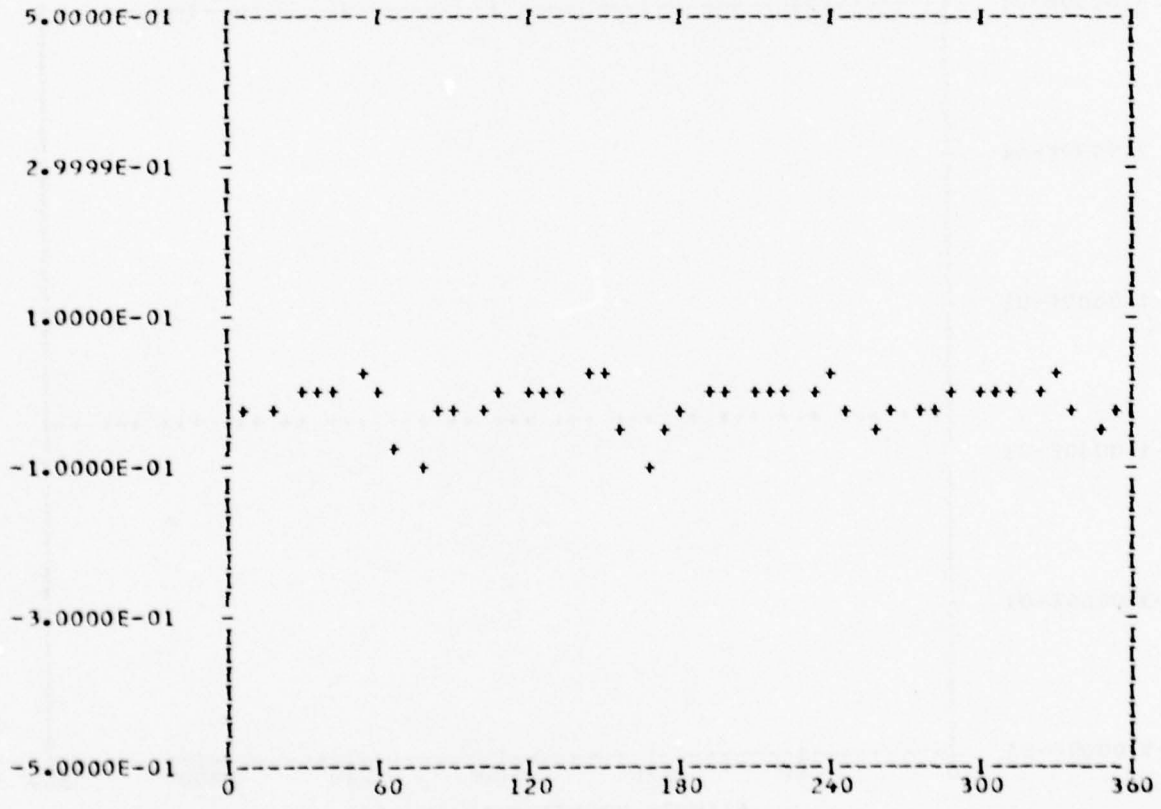
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14533E-01	1	0.90855E-03	-0.48758E-02	0.49597E-02	169.4
	2	-0.14259E-02	0.53801E-03	0.15240E-02	290.6
	3	0.60625E-02	-0.36677E-02	0.70856E-02	121.1
	4	-0.12086E-01	0.22591E-01	0.25621E-01	331.8
	5	-0.69775E-02	-0.41675E-03	0.69900E-02	266.5
	6	-0.23919E-03	0.90132E-03	0.93252E-03	345.1
	7	-0.45055E-02	-0.41643E-02	0.61352E-02	227.2
	8	0.19371E-01	-0.12482E-02	0.19411E-01	93.6
	9	0.16878E-02	0.24234E-02	0.29532E-02	34.8
	10	0.10543E-02	0.12797E-02	0.16581E-02	39.4

MAX= 0.22418E-01 MIN=-0.93005E-01 PEAK TO PEAK/2= 0.57712E-01



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

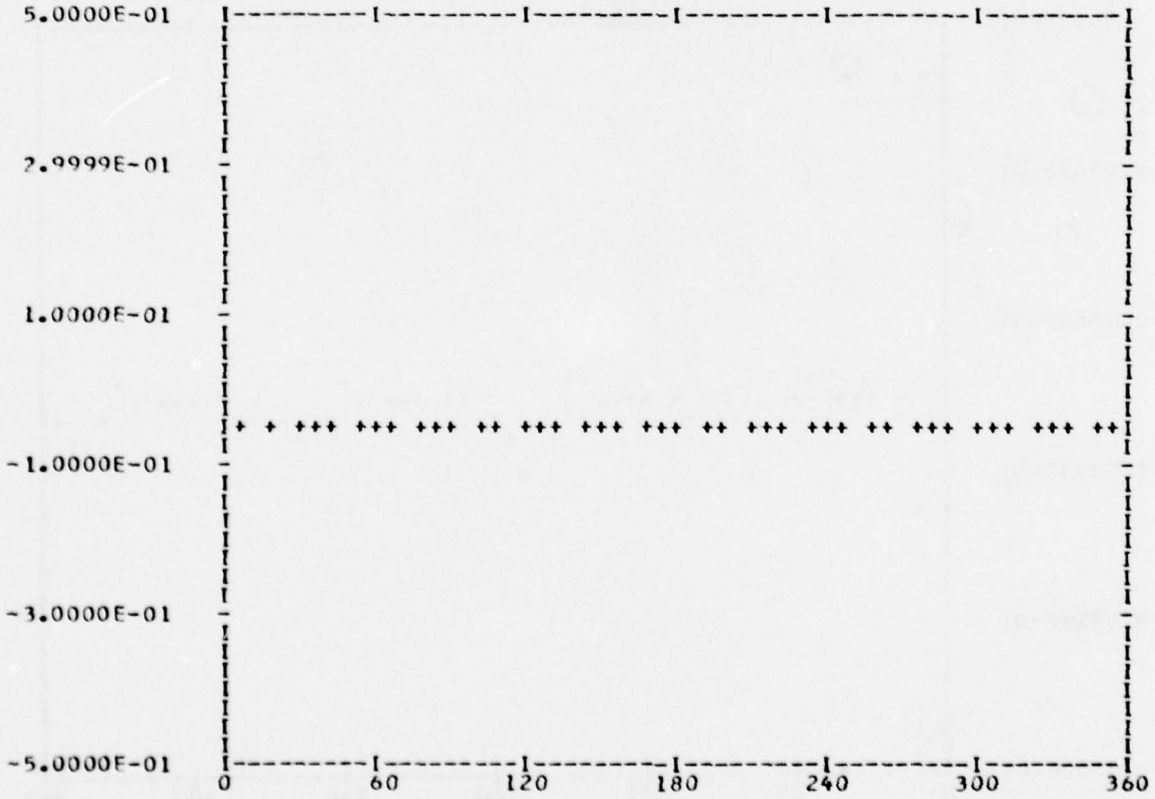
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.56368E-01	1	-0.47669E-03	0.73089E-03	0.87260E-03	326.8
	2	0.40282E-03	0.91351E-04	0.41305E-03	77.2
	3	-0.24039E-03	0.19341E-03	0.30854E-03	308.8
	4	-0.66505E-03	-0.15930E-02	0.17262E-02	202.6
	5	-0.37969E-03	0.31444E-03	0.49299E-03	309.6
	6	-0.33236E-03	0.40367E-04	0.33481E-03	276.9
	7	0.43213E-04	-0.56657E-04	0.71256E-04	142.6
	8	-0.24561E-03	-0.34596E-03	0.42428E-03	215.3
	9	0.50826E-04	0.29397E-03	0.29833E-03	9.8
	10	-0.41760E-04	-0.11781E-03	0.12499E-03	199.5

MAX=-0.53181E-01 MIN=-0.59405E-01 PEAK TO PEAK/2= 0.31120E-02



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

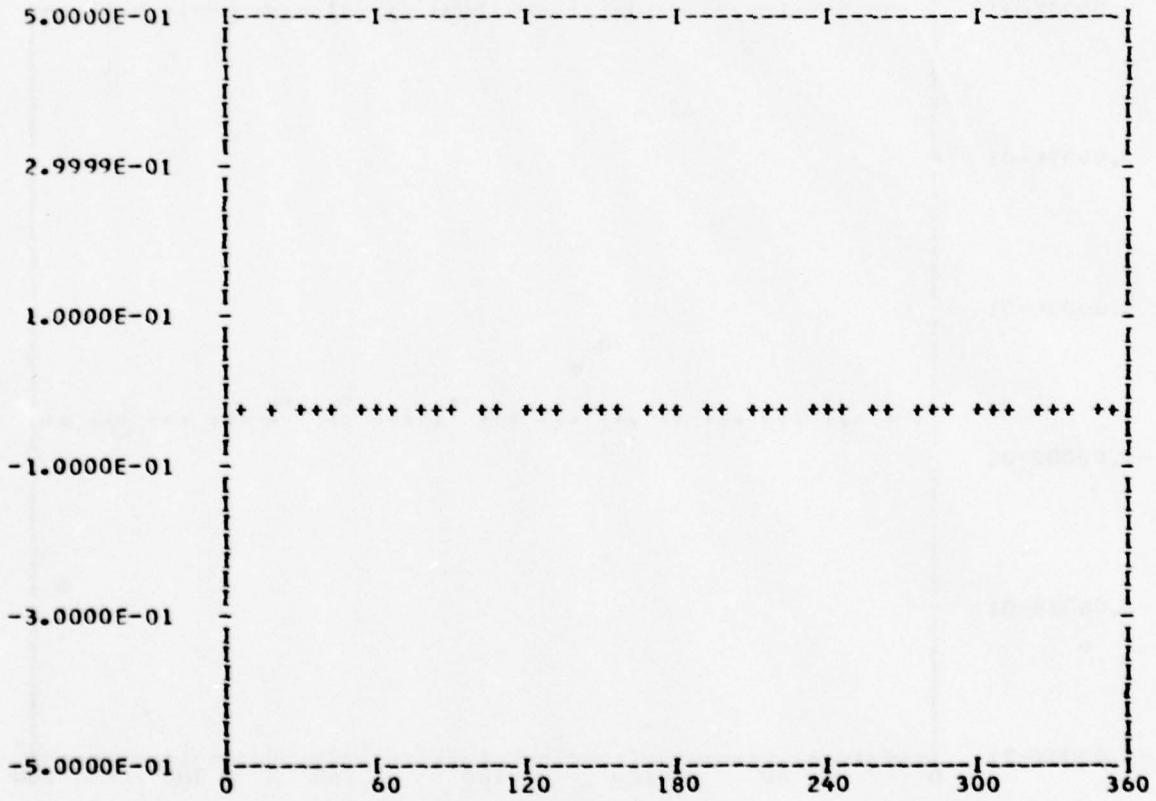
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25181E-01	1	0.14595E-02	-0.13487E-02	0.19873E-02	132.7
	2	0.57934E-04	0.34924E-04	0.67647E-04	58.9
	3	0.17672E-04	0.51502E-03	0.51532E-03	1.9
	4	-0.21415E-02	0.54900E-03	0.22107E-02	284.3
	5	0.42399E-03	0.89612E-04	0.43336E-03	78.0
	6	-0.20663E-04	0.25635E-03	0.25718E-03	355.3
	7	-0.17721E-04	0.12764E-03	0.12886E-03	352.0
	8	-0.88888E-03	0.34028E-03	0.95178E-03	290.9
	9	-0.79894E-04	-0.62140E-04	0.10121E-03	232.1
	10	0.85269E-04	0.20488E-03	0.22192E-03	22.5

MAX=-0.20300E-01 MIN=-0.31156E-01 PEAK TO PEAK/2= 0.54278E-02



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

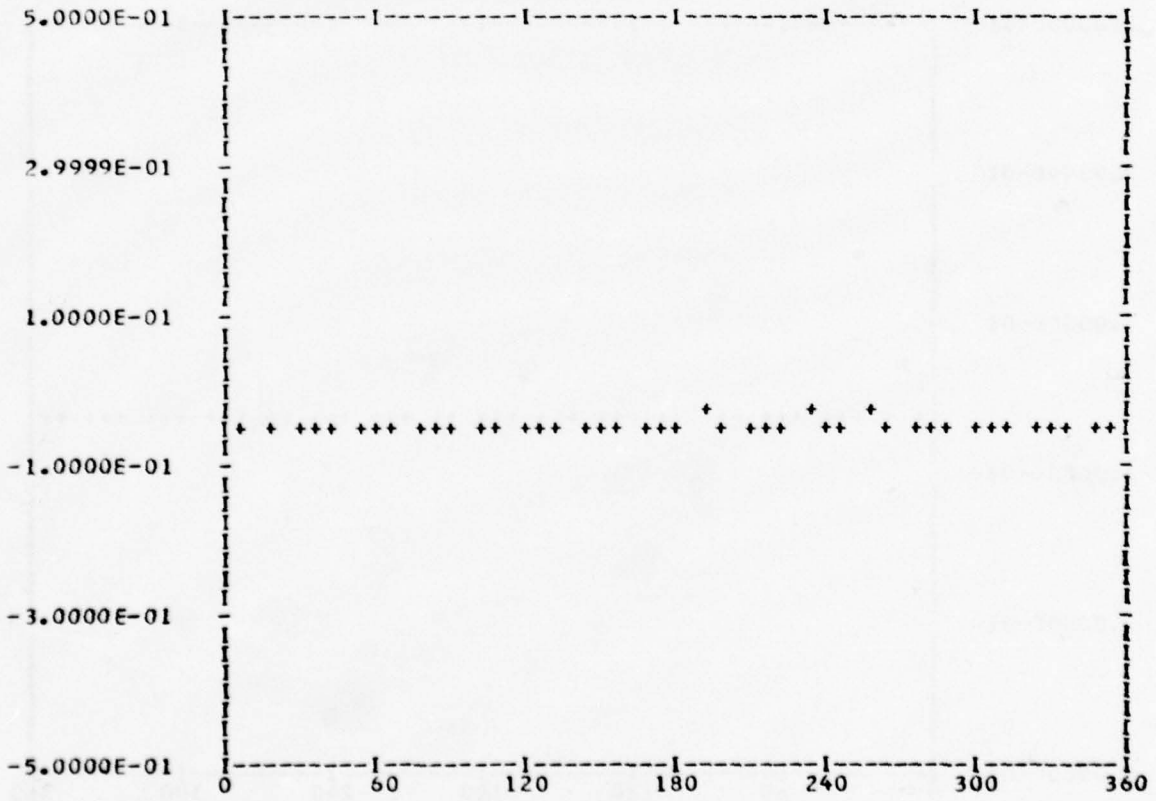
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.44857E-01	1	-0.48339E-02	-0.15563E-02	0.50782E-02	252.1
	2	0.19826E-02	0.14035E-02	0.24291E-02	54.7
	3	-0.70411E-04	0.20403E-02	0.20415E-02	358.0
	4	0.27997E-03	-0.19503E-02	0.19703E-02	171.8
	5	-0.79085E-03	-0.29478E-03	0.84400E-03	249.5
	6	-0.12724E-03	0.15038E-03	0.19699E-03	319.7
	7	-0.86564E-03	-0.16423E-03	0.88109E-03	259.2
	8	0.10918E-02	-0.30104E-03	0.11326E-02	105.4
	9	-0.56132E-03	0.97835E-03	0.11279E-02	330.1
	10	0.82399E-03	-0.15042E-03	0.83761E-03	100.3

MAX=-0.30583E-01 MIN=-0.54222E-01 PEAK TO PEAK/2= 0.11819E-01



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

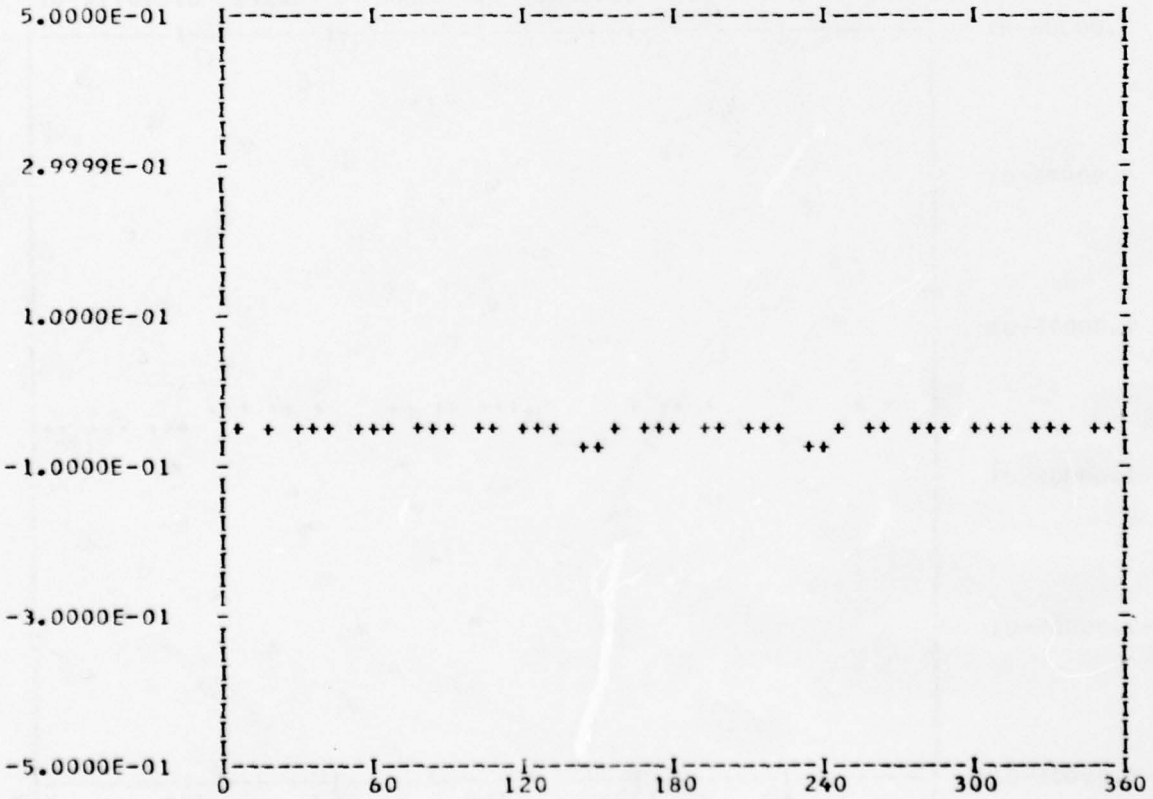
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.53188E-01	1	0.54769E-03	-0.19711E-02	0.20457E-02	164.4
	2	0.28562E-02	-0.10602E-02	0.30466E-02	110.3
	3	-0.12927E-02	0.31707E-02	0.34242E-02	337.8
	4	0.30264E-02	-0.27204E-02	0.40694E-02	131.9
	5	-0.23682E-02	0.16601E-03	0.23740E-02	274.0
	6	-0.42596E-03	0.51991E-03	0.67213E-03	320.6
	7	0.19387E-02	0.77870E-03	0.20892E-02	68.1
	8	-0.29901E-02	0.11931E-02	0.32194E-02	291.7
	9	-0.22697E-03	0.48162E-03	0.53242E-03	334.7
	10	0.24604E-03	0.52626E-03	0.58094E-03	25.0

MAX=-0.42576E-01 MIN=-0.64259E-01 PEAK TO PEAK/2= 0.10841E-01



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

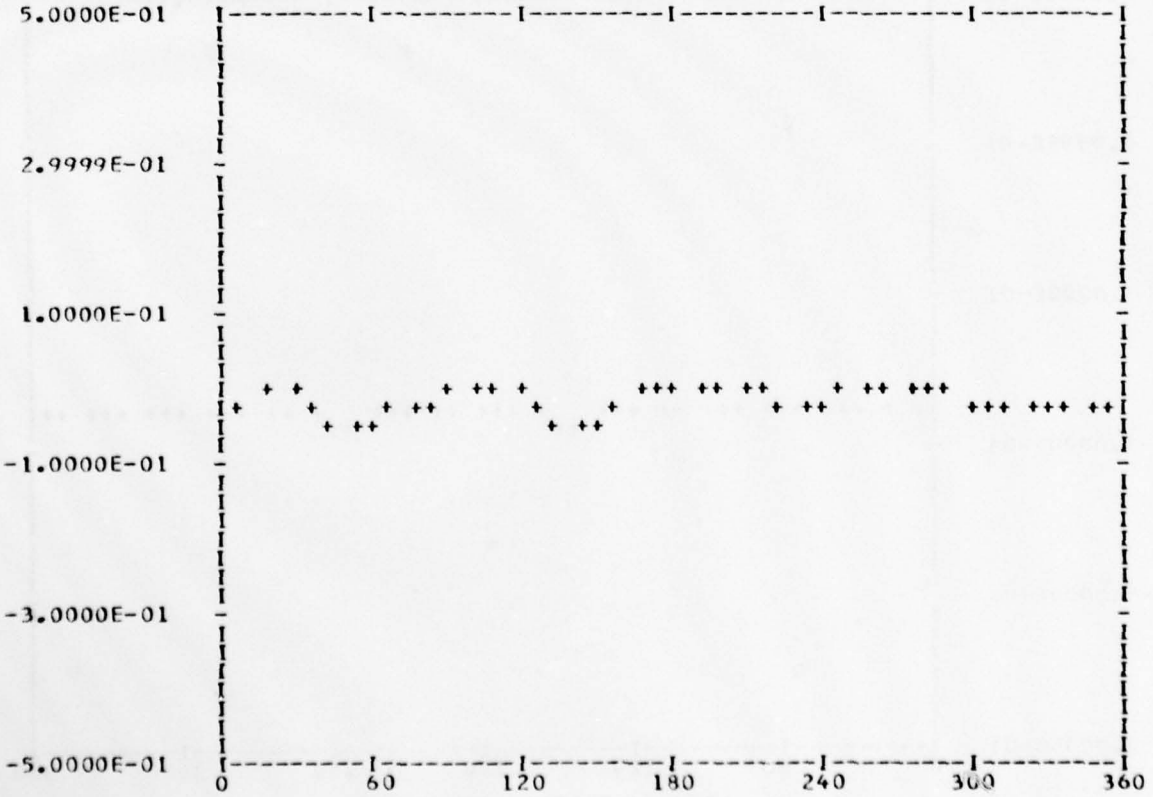
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.17542E-01	1	-0.69352E-02	-0.50946E-02	0.86054E-02	233.6
	2	0.24689E-02	0.20040E-02	0.31799E-02	50.9
	3	0.61582E-03	-0.32788E-02	0.33362E-02	169.3
	4	0.15907E-01	0.13964E-02	0.15968E-01	84.9
	5	-0.38988E-02	0.44255E-02	0.58980E-02	318.6
	6	0.68711E-03	-0.11382E-02	0.13295E-02	148.8
	7	0.12216E-02	-0.58575E-03	0.13548E-02	115.6
	8	-0.34754E-02	0.31044E-02	0.46600E-02	311.7
	9	0.16264E-02	0.17781E-02	0.24098E-02	42.4
	10	-0.21233E-02	-0.54063E-03	0.21911E-02	255.7

MAX= 0.12049E-01 MIN=-0.43293E-01 PEAK TC PEAK/2= 0.27671E-01



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

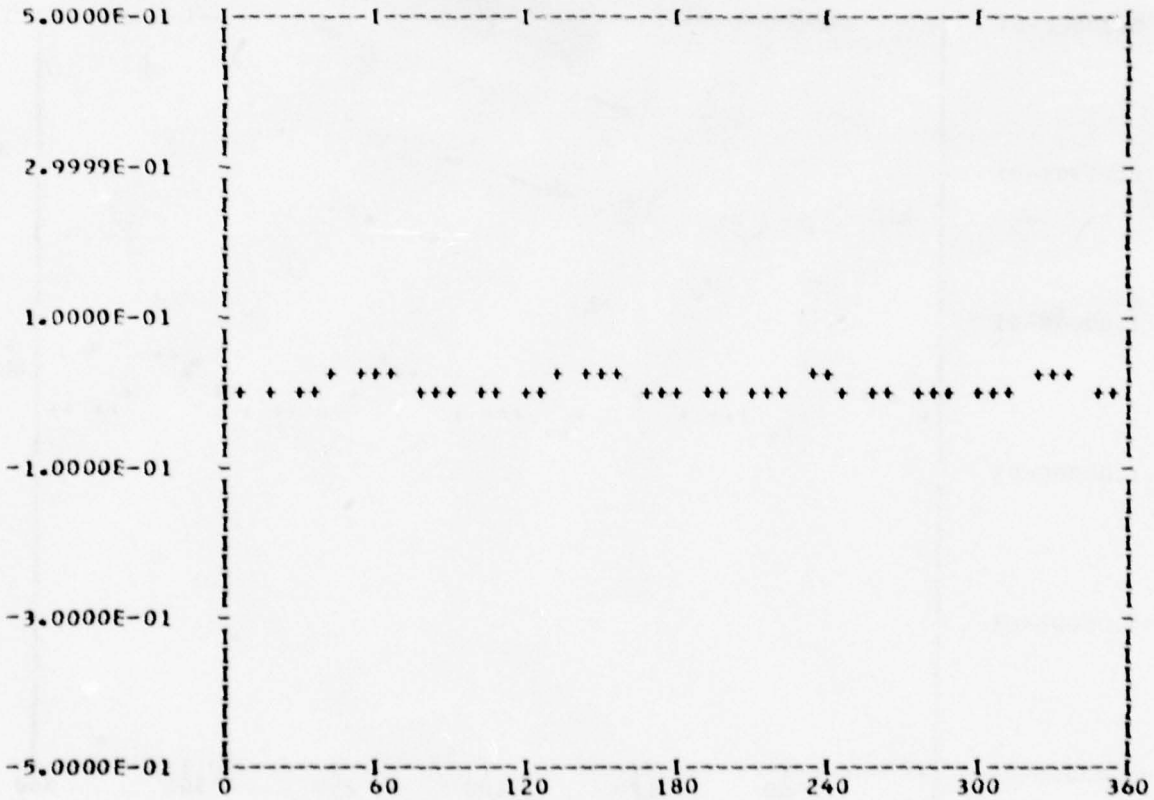
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.77157E-02	1	0.12593E-02	0.23554E-02	0.26709E-02	28.1
	2	0.45312E-03	-0.43011E-03	0.62475E-03	133.5
	3	0.37242E-03	0.73342E-03	0.82256E-03	26.9
	4	-0.93215E-02	0.28894E-02	0.97591E-02	287.2
	5	0.36475E-03	-0.11143E-02	0.11724E-02	161.8
	6	-0.51529E-03	-0.91367E-03	0.10489E-02	209.4
	7	0.19132E-03	0.90567E-03	0.92566E-03	11.9
	8	0.41731E-02	-0.10751E-03	0.41745E-02	91.4
	9	-0.47060E-03	0.99712E-03	0.11025E-02	334.7
	10	0.83356E-03	0.29282E-03	0.88349E-03	70.6

MAX= 0.24202E-01 MIN=-0.73860E-02 PEAK TO PEAK/2= 0.15794E-01



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

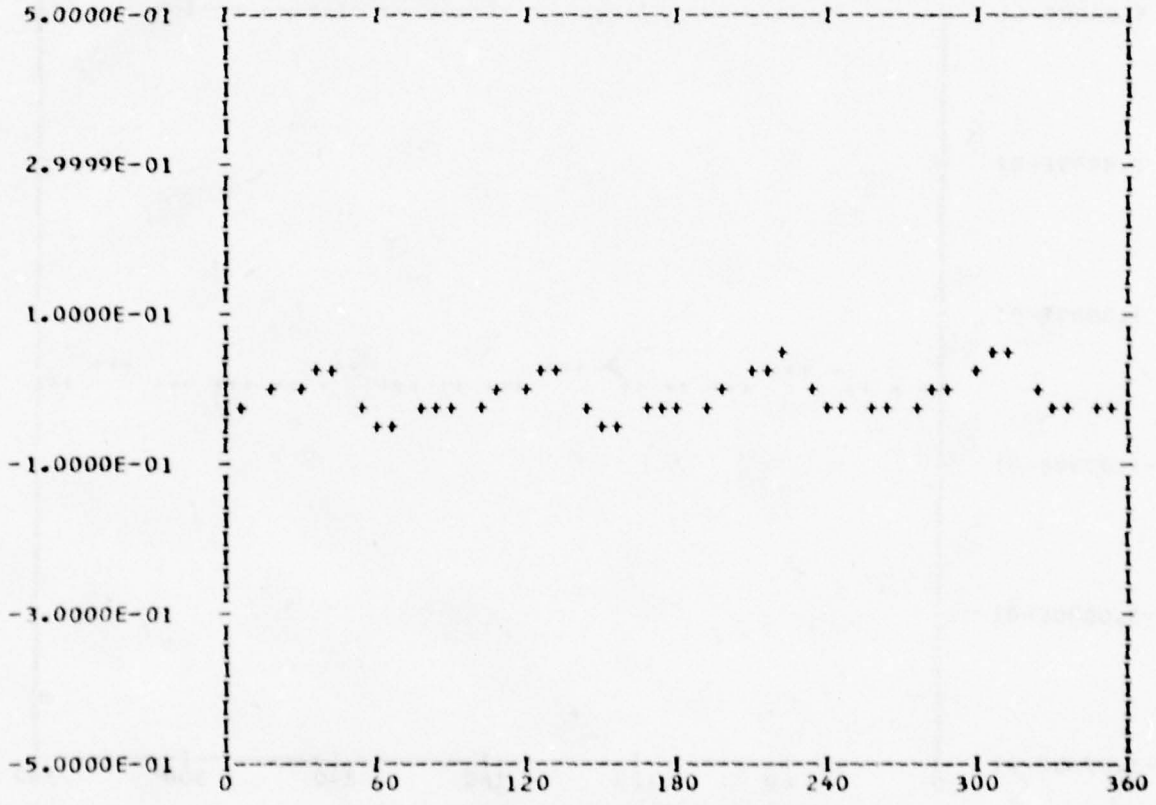
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.99629E-02	1	-0.31870E-03	-0.67645E-02	0.67720E-02	182.6
	2	-0.18510E-02	-0.25993E-02	0.31911E-02	215.4
	3	-0.46775E-02	-0.43536E-02	0.63901E-02	227.0
	4	-0.25030E-02	0.32380E-01	0.32477E-01	355.5
	5	-0.18926E-03	0.28071E-02	0.28135E-02	356.1
	6	-0.73919E-03	0.24735E-03	0.77948E-03	288.5
	7	0.49638E-03	0.13300E-02	0.14196E-02	20.4
	8	-0.83680E-02	-0.11208E-01	0.13987E-01	216.7
	9	-0.53423E-04	-0.49415E-03	0.49703E-03	186.1
	10	-0.69007E-03	-0.60632E-03	0.91860E-03	228.6

MAX= 0.55230E-01 MIN=-0.44689E-01 PEAK TO PEAK/2= 0.49959E-01



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

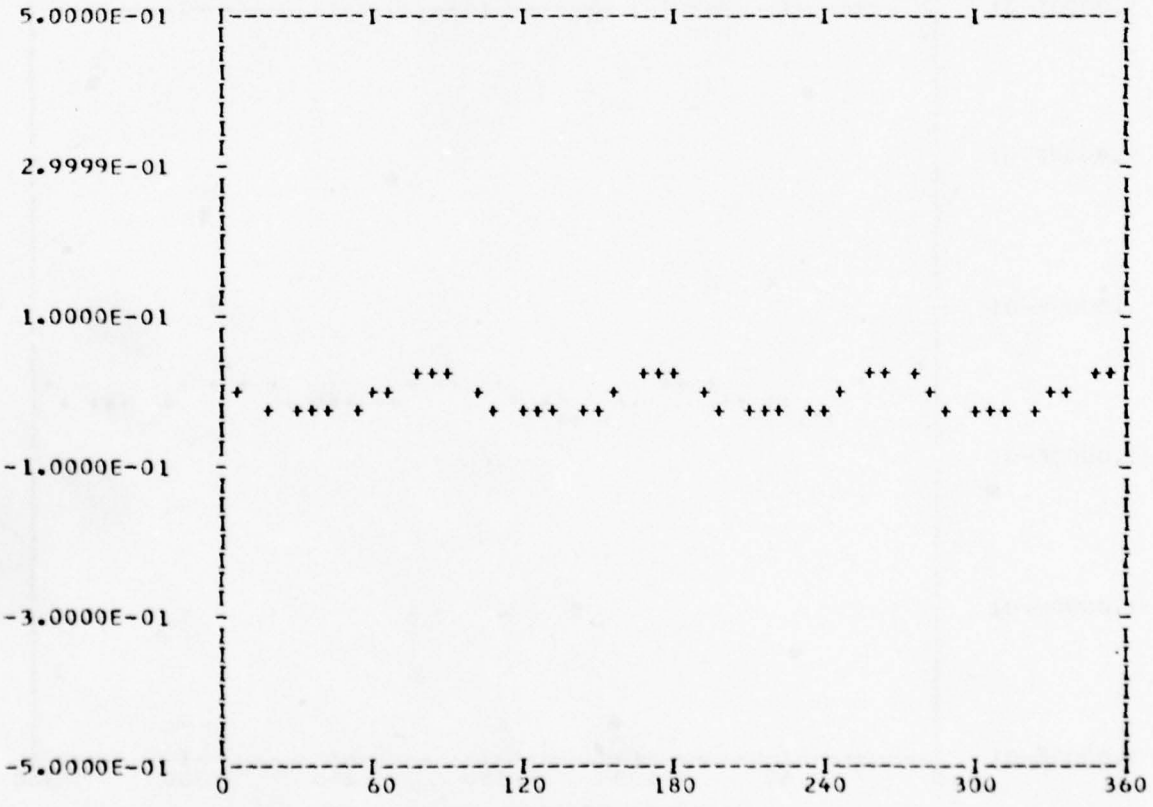
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.62438E-02	1	0.26173E-02	-0.56801E-03	0.26783E-02	102.2
	2	-0.14382E-02	-0.52190E-03	0.15300E-02	250.0
	3	-0.97752E-03	0.12405E-02	0.15793E-02	321.7
	4	0.45228E-02	-0.22309E-01	0.22762E-01	168.5
	5	-0.10589E-02	0.15271E-02	0.18584E-02	325.2
	6	0.44754E-03	-0.62878E-03	0.77179E-03	144.5
	7	0.65709E-03	0.63955E-03	0.91695E-03	45.7
	8	-0.58460E-02	-0.23524E-02	0.63016E-02	248.0
	9	0.57607E-03	-0.13408E-02	0.14593E-02	156.7
	10	-0.12855E-04	0.36898E-03	0.36920E-03	358.0

MAX= 0.24161E-01 MIN=-0.32803E-01 PEAK TO PEAK/2= 0.28482E-01



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

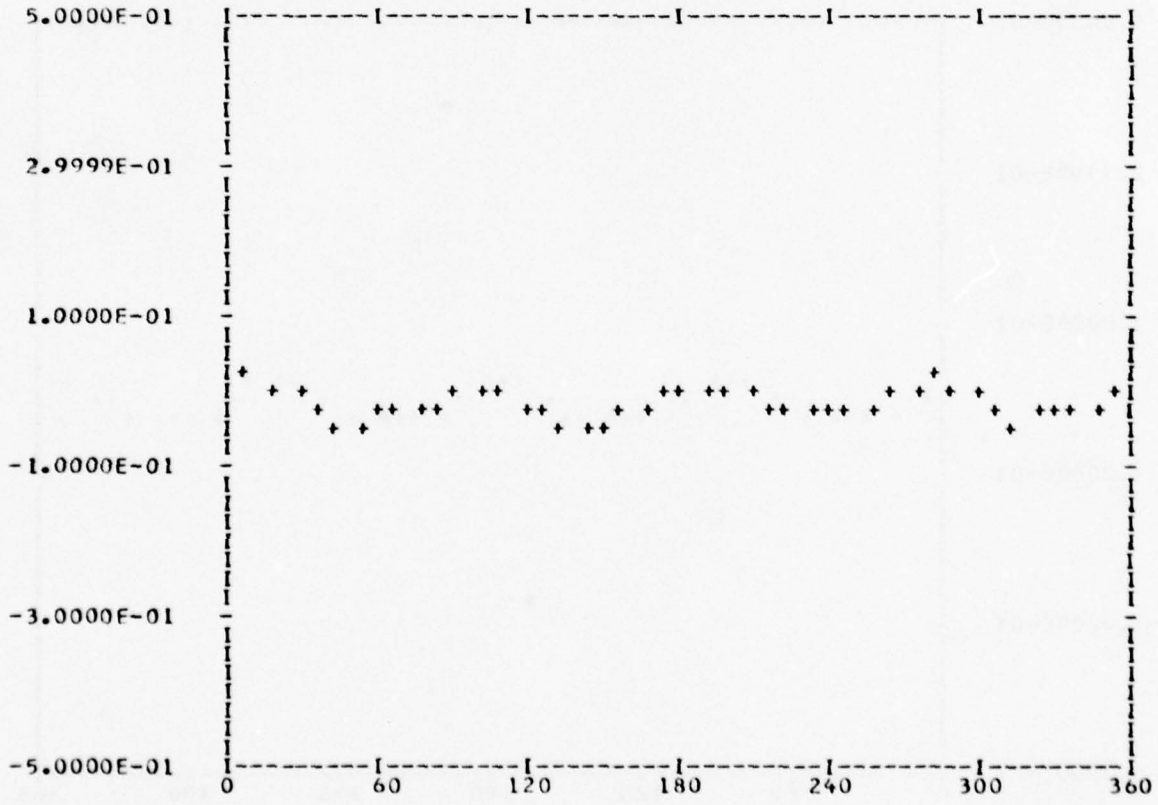
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.17252E-01	1	0.16060E-02	-0.39827E-02	0.42943E-02	158.0
	2	0.26763E-02	0.30126E-02	0.40297E-02	41.6
	3	0.35263E-03	-0.80389E-03	0.87783E-03	156.3
	4	0.25554E-01	0.27398E-02	0.25700E-01	83.8
	5	0.16668E-02	-0.88635E-03	0.18878E-02	118.0
	6	-0.10952E-02	0.13032E-02	0.17023E-02	319.9
	7	0.14408E-02	0.80165E-03	0.16488E-02	60.9
	8	0.32657E-02	0.25104E-02	0.41192E-02	52.4
	9	-0.84029E-04	0.62753E-03	0.63313E-03	352.3
	10	-0.61544E-03	-0.46720E-03	0.77268E-03	232.7

MAX= 0.20357E-01 MIN=-0.46164E-01 PEAK TO PEAK/2= 0.33260E-01



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

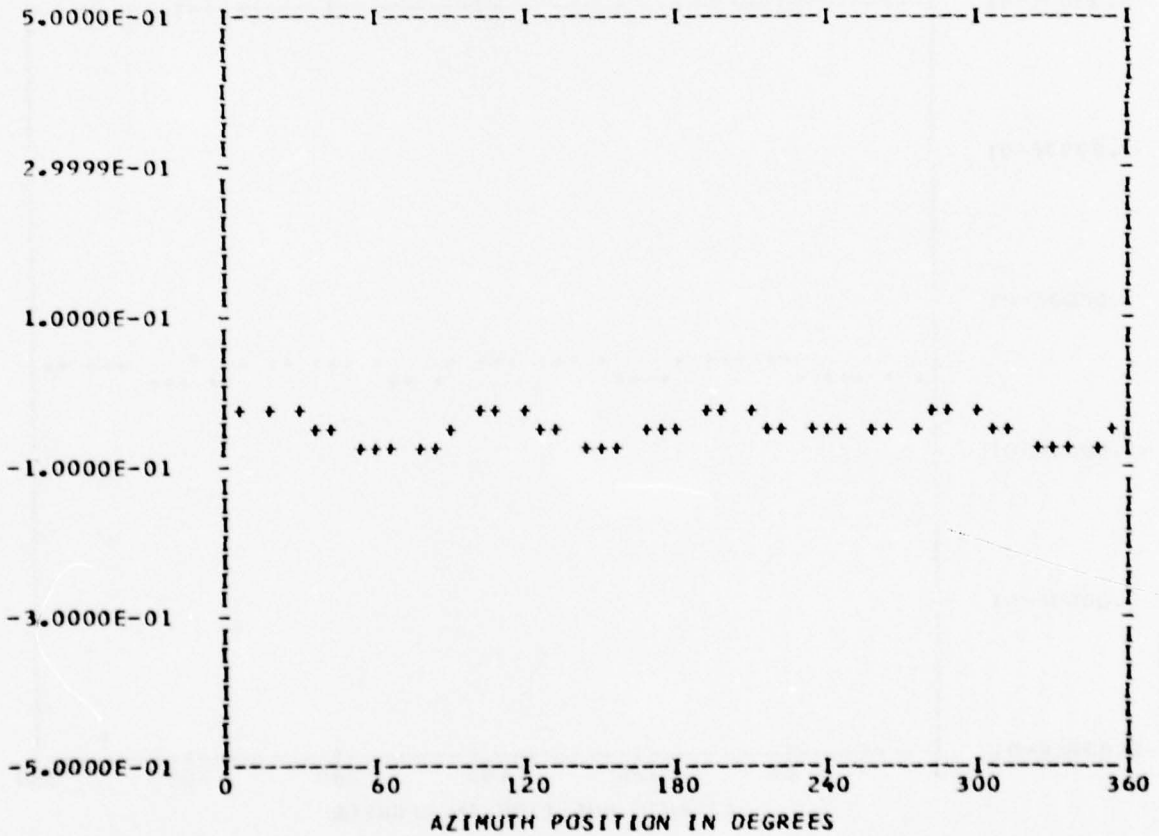
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.47621E-01	1	-0.24006E-02	-0.23999E-02	0.33944E-02	225.0
	2	0.16930E-02	0.16158E-02	0.23403E-02	46.3
	3	0.27350E-02	0.37729E-02	0.46599E-02	35.9
	4	0.17312E-01	0.15123E-01	0.22987E-01	48.8
	5	0.35434E-03	-0.24812E-03	0.43258E-03	125.0
	6	0.18261E-02	-0.15167E-02	0.23738E-02	129.7
	7	0.41470E-03	-0.11892E-02	0.12595E-02	160.7
	8	-0.23496E-02	0.51996E-02	0.57058E-02	335.6
	9	0.10580E-02	0.21932E-04	0.10583E-02	88.8
	10	-0.14551E-02	0.14737E-03	0.14626E-02	275.7

MAX=-0.15335E-01 MIN=-0.76677E-01 PEAK TO PEAK/2= 0.30670E-01



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

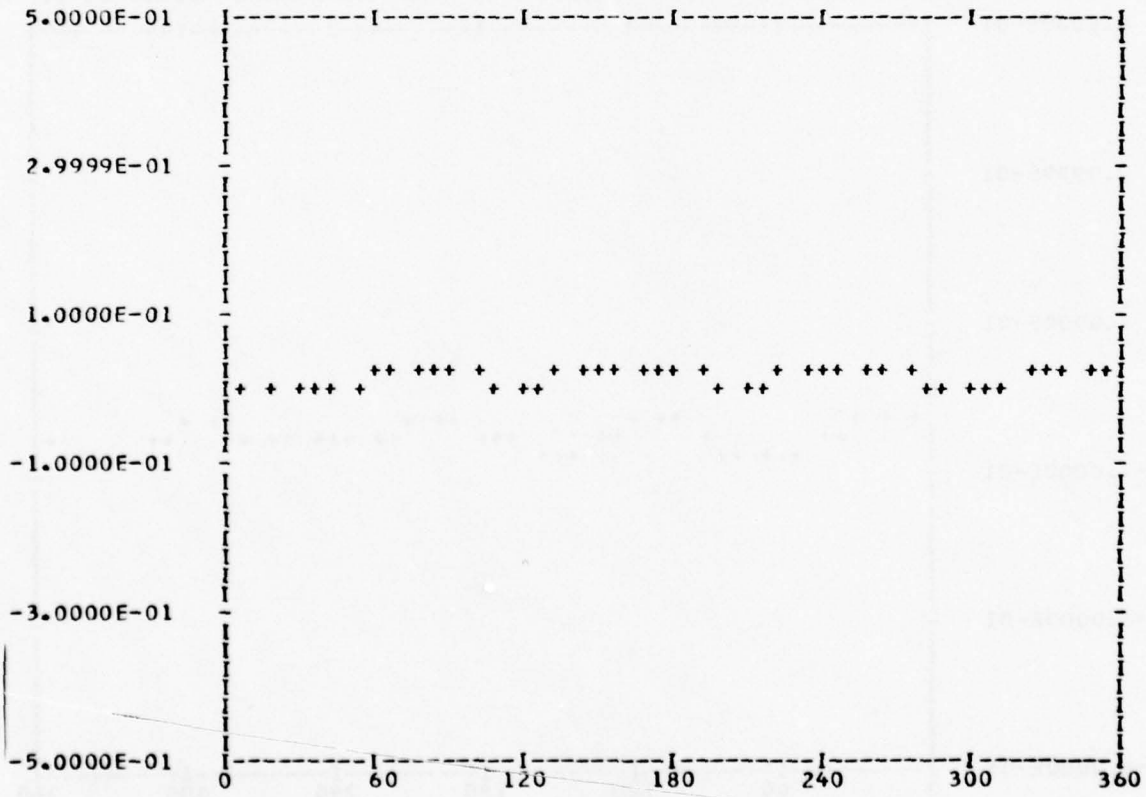
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.15405E-01	1	-0.25872E-02	0.46698E-03	0.26290E-02	280.2
	2	0.19250E-03	-0.28315E-03	0.34239E-03	145.7
	3	0.50867E-03	-0.29344E-03	0.58724E-03	119.9
	4	-0.15263E-02	-0.75053E-02	0.76589E-02	191.4
	5	-0.52318E-03	0.80718E-03	0.96191E-03	327.0
	6	-0.52416E-03	-0.35780E-04	0.52538E-03	266.0
	7	0.19397E-03	0.21085E-03	0.28650E-03	42.6
	8	-0.97441E-03	-0.10832E-02	0.14570E-02	221.9
	9	0.12217E-03	0.22440E-03	0.25550E-03	28.5
	10	-0.14156E-03	0.11983E-03	0.18540E-03	310.2

MAX= 0.28492E-01 MIN= 0.50652E-02 PEAK TO PEAK/2= 0.11713E-01



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

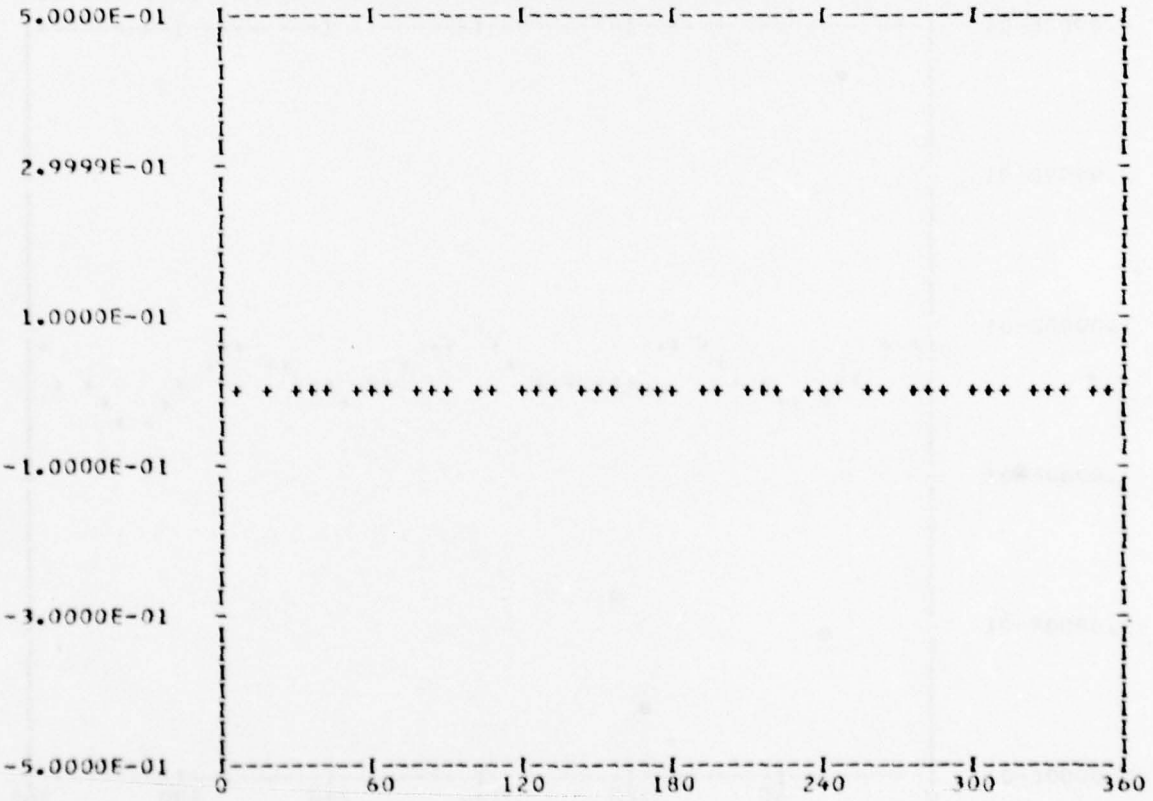
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.18979E-02	1	0.13167E-02	-0.71017E-03	0.14960E-02	118.3
	2	0.10509E-02	0.96705E-03	0.14282E-02	47.3
	3	-0.99742E-03	0.74015E-04	0.10001E-02	274.2
	4	-0.34736E-03	0.73403E-02	0.73486E-02	357.2
	5	0.89655E-03	0.15726E-03	0.91024E-03	80.0
	6	-0.24944E-03	0.27118E-03	0.36846E-03	317.3
	7	0.63477E-04	-0.34245E-03	0.34828E-03	169.4
	8	-0.81483E-03	-0.56819E-04	0.81681E-03	266.0
	9	-0.12496E-03	0.21586E-03	0.24942E-03	329.9
	10	0.84225E-04	-0.26215E-03	0.27535E-03	162.1

MAX= 0.82353E-02 MIN=-0.10614E-01 PEAK TO PEAK/2= 0.94248E-02



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

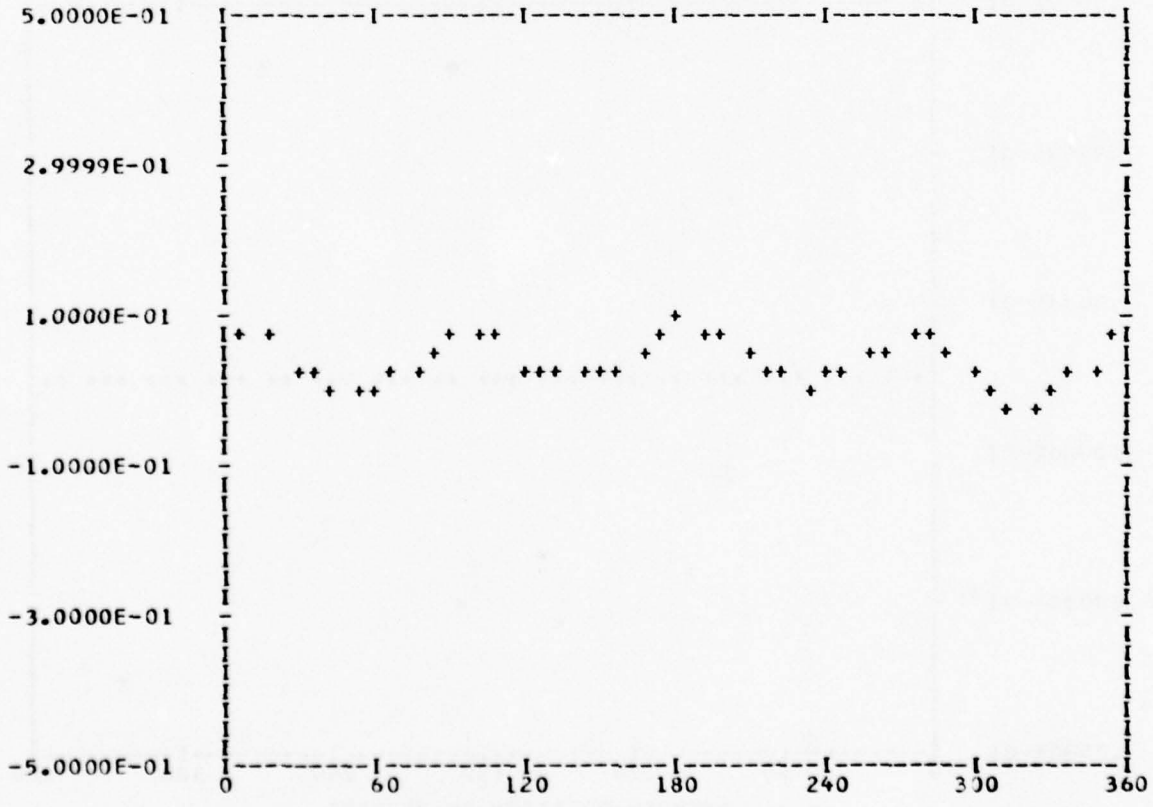
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.36395E-01	1	-0.50690E-02	0.38743E-02	0.63801E-02	307.3
	2	0.85607E-02	0.32792E-02	0.91673E-02	69.0
	3	0.70860E-02	0.22870E-02	0.74460E-02	72.1
	4	0.35615E-01	-0.45124E-02	0.35900E-01	97.2
	5	-0.93215E-03	-0.24635E-02	0.26340E-02	200.7
	6	-0.13693E-02	-0.14266E-02	0.19774E-02	223.8
	7	-0.15847E-02	-0.42011E-03	0.16395E-02	255.1
	8	0.78098E-02	0.29517E-02	0.83490E-02	69.2
	9	0.57339E-03	0.20635E-02	0.21416E-02	15.5
	10	0.12894E-02	-0.19783E-02	0.23614E-02	146.9

MAX= 0.89586E-01 MIN=-0.22278E-01 PEAK TO PEAK/2= 0.55932E-01



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

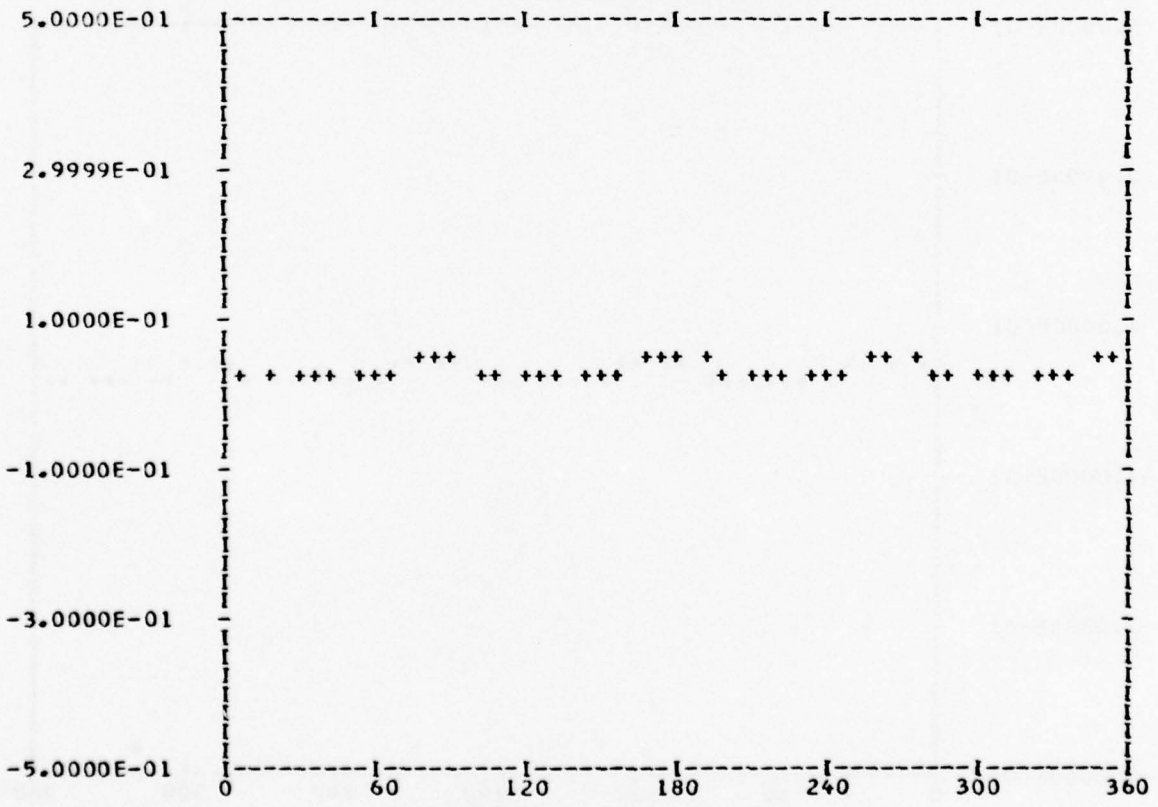
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.30961E-01	1	-0.26293E-02	-0.12287E-02	0.29022E-02	244.9
	2	0.47136E-03	-0.13997E-03	0.49171E-03	106.5
	3	-0.52440E-04	0.84046E-03	0.84209E-03	356.4
	4	0.60381E-02	-0.16176E-01	0.17266E-01	159.5
	5	-0.65927E-03	0.87614E-03	0.10964E-02	323.0
	6	0.20187E-03	-0.20192E-03	0.28553E-03	135.0
	7	0.25013E-03	0.10287E-04	0.25034E-03	87.6
	8	-0.24437E-02	-0.49612E-02	0.55304E-02	206.2
	9	0.22758E-03	0.42850E-03	0.48519E-03	27.9
	10	-0.26805E-03	-0.46186E-03	0.53401E-03	210.1

MAX= 0.58557E-01 MIN= 0.16065E-01 PEAK TO PEAK/2= 0.21246E-01



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

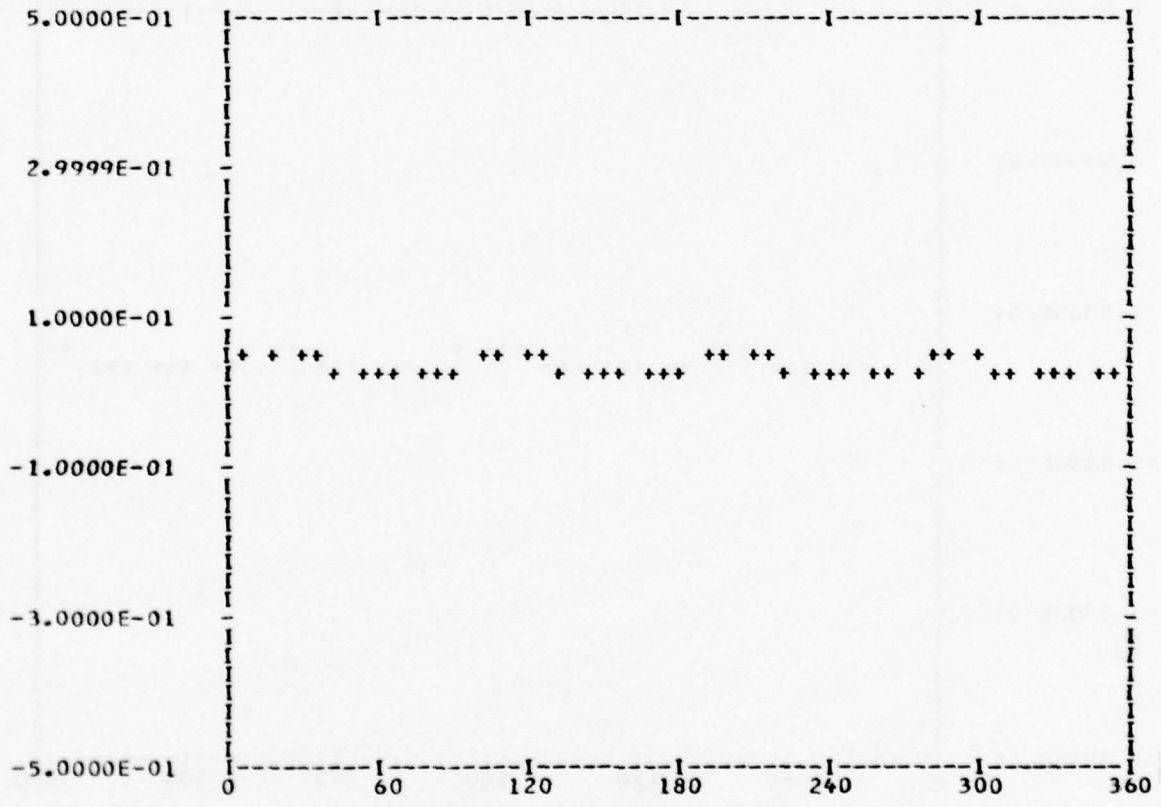
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 10
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32489E-01	1	-0.19985E-02	-0.69521E-03	0.21160E-02	250.8
	2	0.59239E-03	0.10151E-02	0.11753E-02	30.2
	3	-0.47217E-03	-0.19321E-03	0.51017E-03	247.7
	4	0.10374E-01	0.11565E-01	0.15536E-01	41.8
	5	0.53693E-04	-0.94491E-03	0.94644E-03	176.7
	6	0.17967E-03	0.11526E-02	0.11665E-02	8.8
	7	0.89915E-03	0.71434E-04	0.90198E-03	85.4
	8	0.22105E-03	0.22713E-02	0.22821E-02	5.5
	9	0.97646E-04	0.47309E-03	0.48307E-03	11.6
	10	-0.96787E-03	-0.16786E-03	0.98232E-03	260.1

MAX= 0.58425E-01 MIN= 0.16649E-01 PEAK TO PEAK/2= 0.20887E-01



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

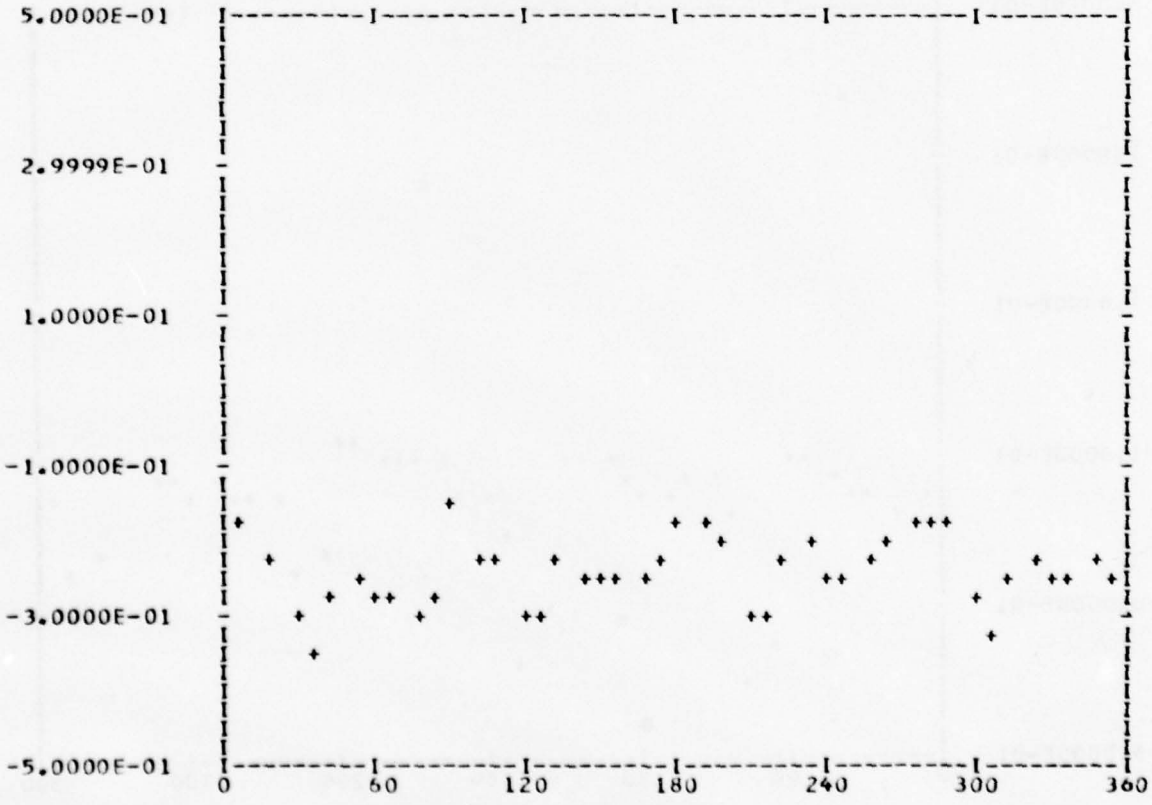
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.24042E 00	1	-0.10301E-01	-0.16347E-01	0.19322E-01	212.2
	2	-0.99573E-03	-0.27249E-02	0.29011E-02	200.0
	3	0.59866E-02	-0.10836E-02	0.60839E-02	100.2
	4	0.26647E-01	-0.25546E-01	0.36914E-01	133.7
	5	-0.17603E-02	-0.13339E-03	0.17653E-02	265.6
	6	0.80372E-03	-0.15775E-02	0.17704E-02	153.0
	7	-0.15431E-02	0.26433E-02	0.30608E-02	329.7
	8	0.31269E-01	-0.25807E-01	0.40543E-01	129.5
	9	0.47790E-02	0.39925E-02	0.62273E-02	50.1
	10	0.40309E-02	-0.21753E-03	0.40368E-02	93.0

MAX=-0.16074E 00 MIN=-0.34053E 00 PEAK TO PEAK/2= 0.89895E-01



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

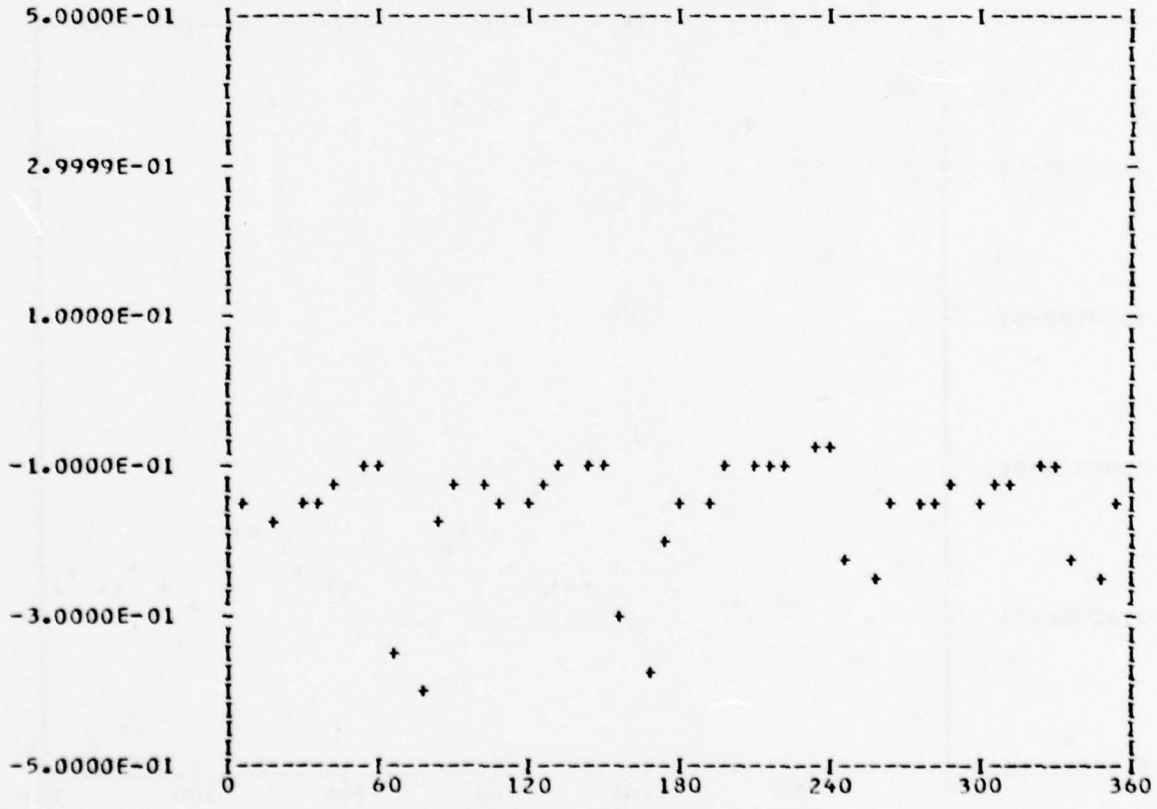
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15845E 00	1	-0.46749E-02	-0.17968E-01	0.18566E-01	194.5
	2	0.45599E-02	0.26797E-02	0.52890E-02	59.5
	3	0.15379E-01	-0.17541E-01	0.23328E-01	138.7
	4	-0.80840E-02	0.61690E-01	0.62217E-01	352.5
	5	-0.12460E-01	-0.52096E-02	0.13505E-01	247.3
	6	-0.52405E-02	0.44488E-04	0.52407E-02	270.4
	7	-0.10365E-01	-0.15734E-01	0.18842E-01	213.3
	8	0.54313E-01	-0.20126E-01	0.57922E-01	110.3
	9	0.39567E-02	0.64095E-02	0.75324E-02	31.6
	10	-0.32388E-02	0.40400E-02	0.51780E-02	321.2

MAX=-0.71142E-01 MIN=-0.39180E 00 PEAK TO PEAK/2= 0.16033E 00



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

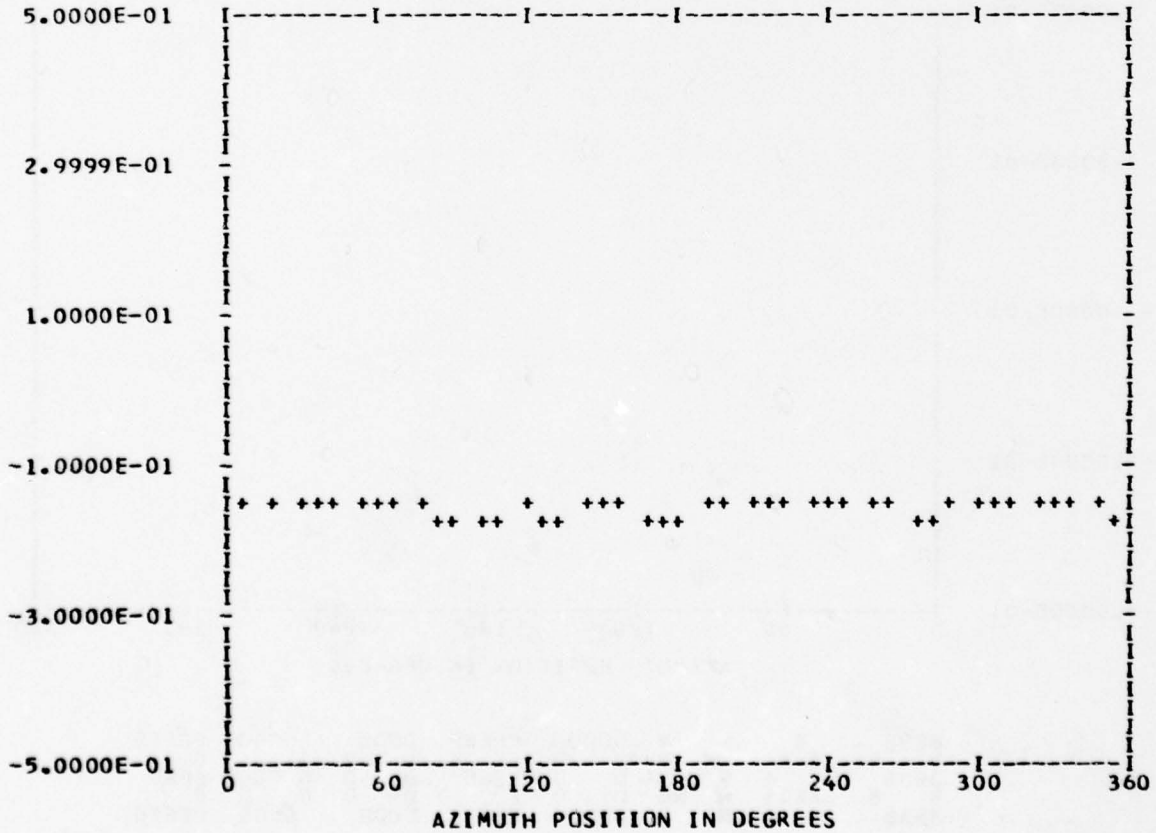
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15897E 00	1	0.22879E-02	-0.12216E-02	0.25936E-02	118.0
	2	0.95332E-03	0.19405E-02	0.21621E-02	26.1
	3	-0.12769E-02	0.75344E-03	0.14826E-02	300.5
	4	-0.47433E-02	0.26030E-02	0.54106E-02	298.7
	5	0.62677E-03	0.47051E-03	0.78372E-03	53.1
	6	0.23457E-03	0.43224E-03	0.49179E-03	28.4
	7	-0.62420E-03	-0.82044E-03	0.10309E-02	217.2
	8	-0.99572E-03	0.30355E-02	0.31946E-02	341.8
	9	-0.44848E-03	0.36209E-03	0.57640E-03	308.9
	10	0.87019E-03	-0.43440E-03	0.97260E-03	116.5

MAX=-0.14827E 00 MIN=-0.17330E 00 PEAK TO PEAK/2= 0.12517E-01



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

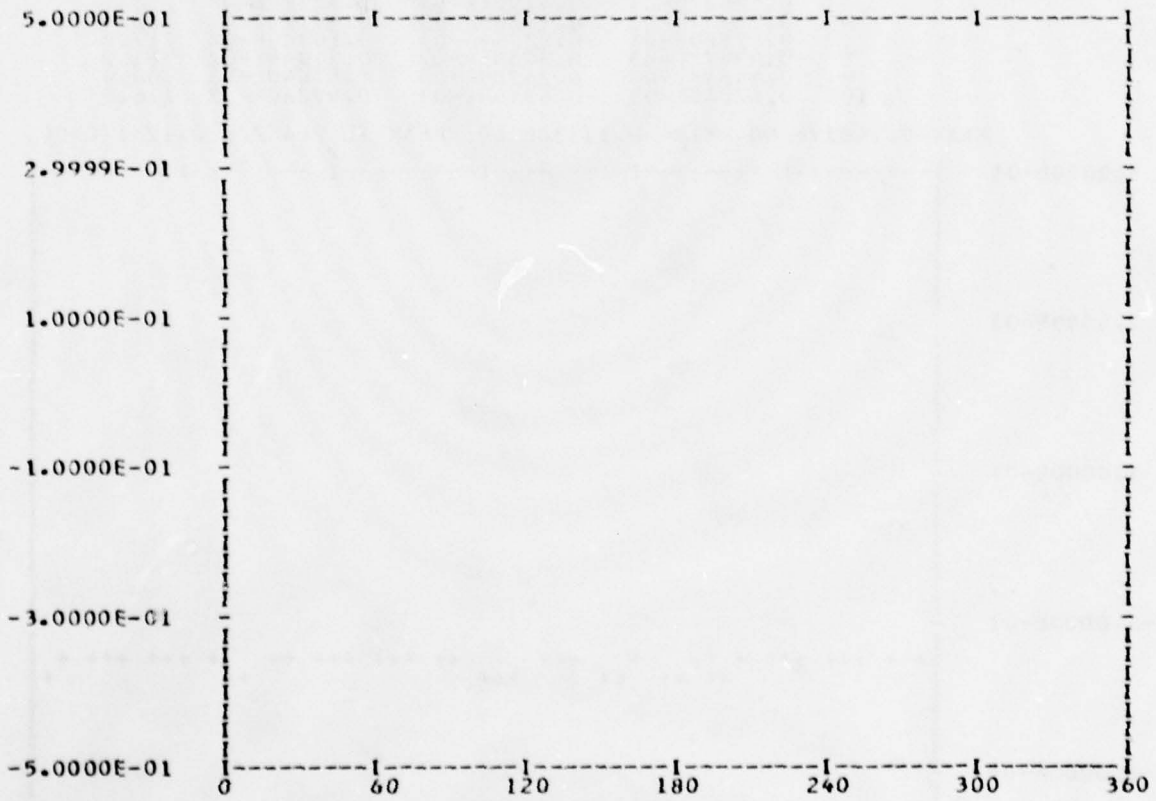
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 51

HARMONIC ANALYSIS SKIPPED

MAX=-0.50230E 00 MIN=-0.68771E 00 PEAK TO PEAK/2= 0.92703E-01



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---MID SECTION

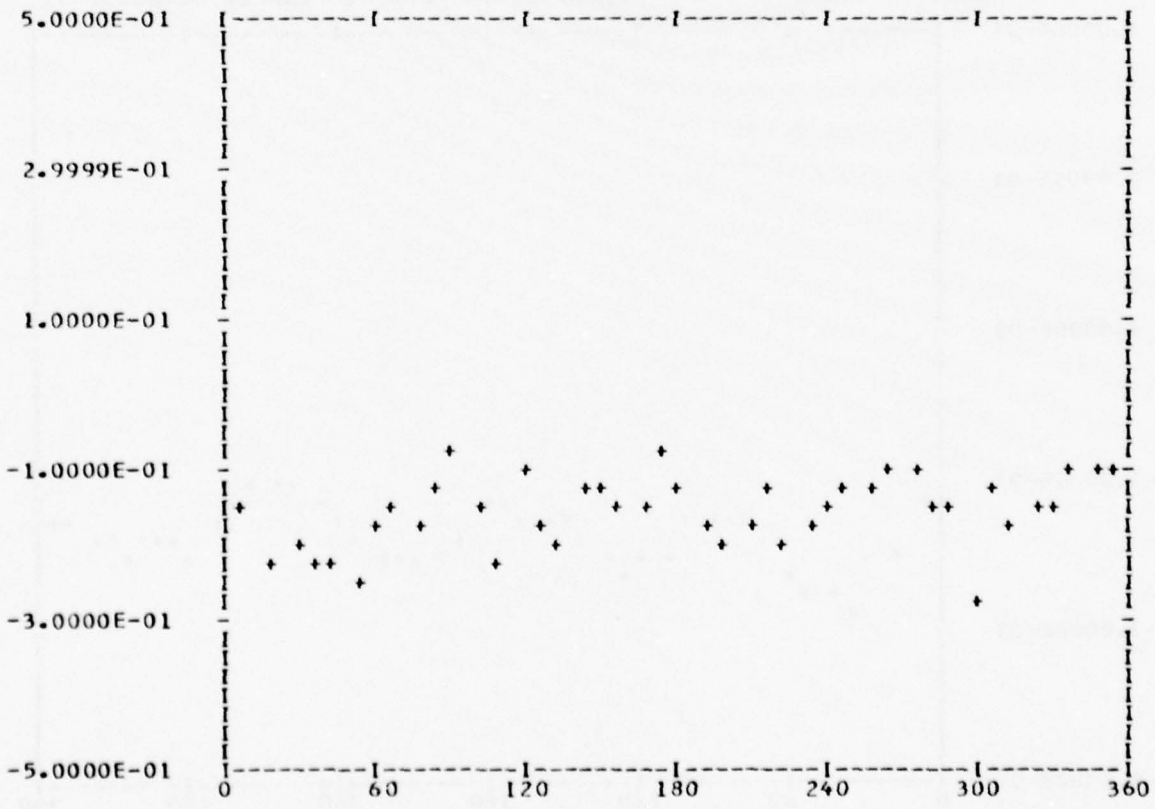
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15619E 00	1	-0.88142E-02	-0.76866E-02	0.11695E-01	228.9
	2	-0.56129E-02	-0.15208E-01	0.16211E-01	200.2
	3	0.59356E-02	-0.16742E-01	0.17763E-01	160.4
	4	0.14049E-02	-0.37558E-01	0.37584E-01	177.8
	5	0.21079E-02	-0.52609E-02	0.56675E-02	158.1
	6	0.43781E-02	0.44767E-02	0.62617E-02	44.3
	7	0.51318E-02	-0.27361E-02	0.58157E-02	118.0
	8	-0.98580E-02	-0.92660E-02	0.13529E-01	226.7
	9	-0.36840E-03	0.17945E-03	0.40978E-03	295.9
	10	-0.64901E-02	0.42156E-02	0.77390E-02	303.0

MAX=-0.77041E-01 MIN=-0.27645E 00 PEAK TO PEAK/2= 0.99709E-01



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

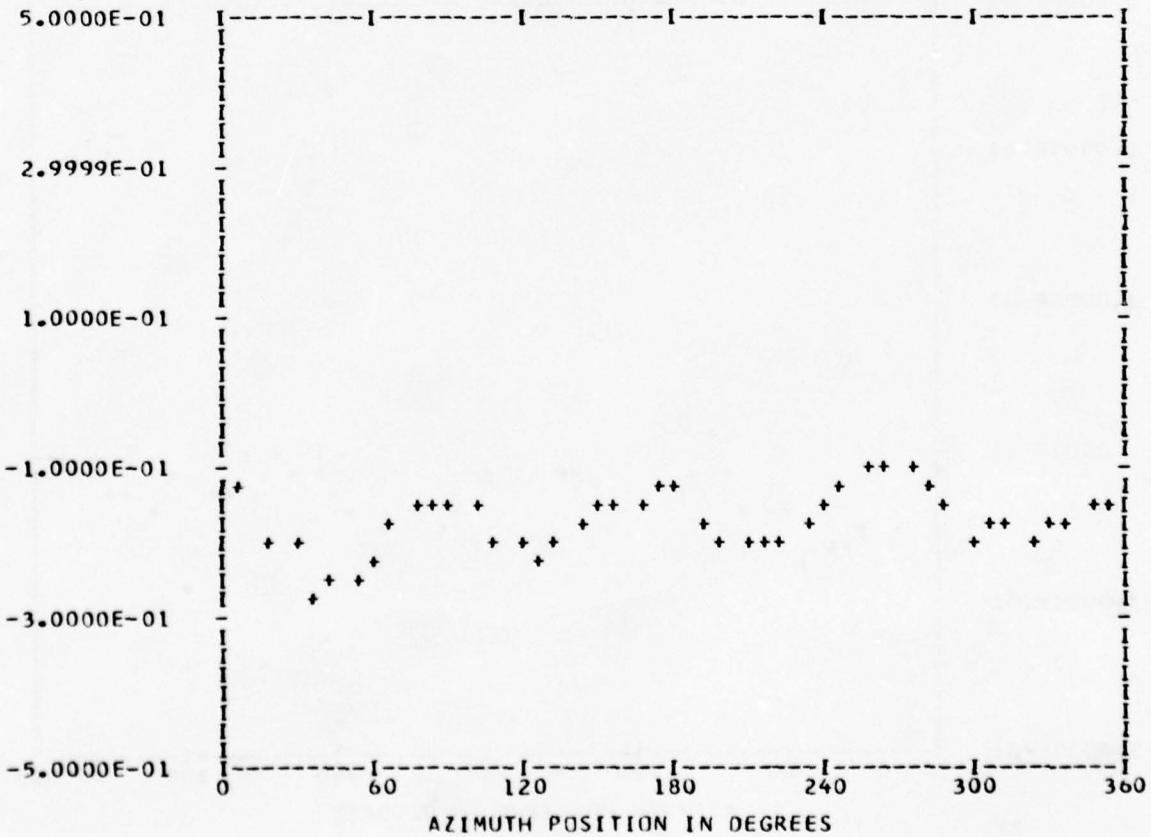
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.17152E 00	1	-0.13632E-01	-0.14966E-01	0.20244E-01	222.3
	2	-0.12693E-01	-0.50070E-02	0.13645E-01	248.4
	3	0.78378E-02	-0.33123E-02	0.85089E-02	112.9
	4	0.84845E-02	-0.38147E-01	0.39079E-01	167.4
	5	0.88061E-02	0.22680E-02	0.90935E-02	75.5
	6	0.46283E-02	0.45836E-04	0.46285E-02	89.4
	7	0.10844E-02	0.11694E-02	0.15948E-02	42.8
	8	0.14915E-02	-0.58816E-02	0.60678E-02	165.7
	9	0.11252E-02	0.48110E-02	0.49408E-02	13.1
	10	-0.91681E-04	0.12491E-03	0.15494E-03	323.7

MAX=-0.10907E 00 MIN=-0.26520E 00 PEAK TO PEAK/2= 0.78063E-01



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

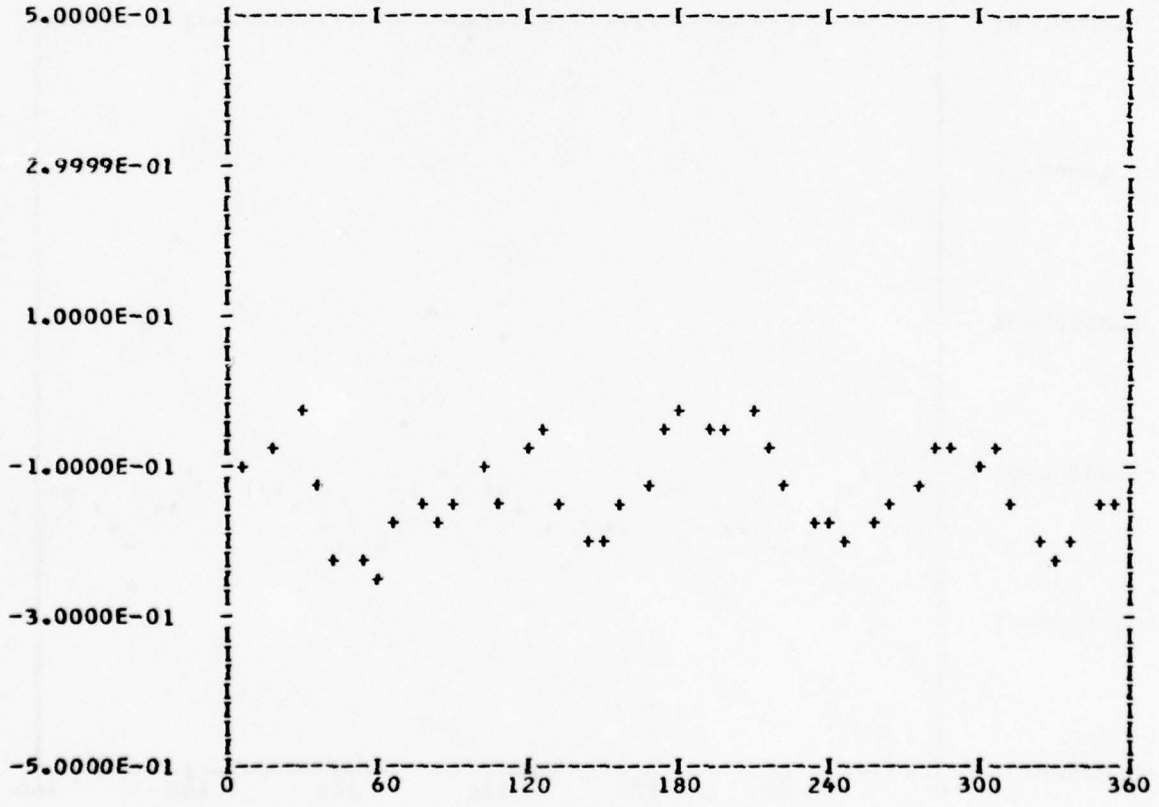
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13025E 00	1	-0.23734E-01	-0.66055E-02	0.24636E-01	254.4
	2	0.19103E-01	-0.55627E-02	0.19896E-01	106.2
	3	-0.55541E-02	0.11442E-03	0.55553E-02	271.1
	4	0.56902E-01	0.38842E-01	0.68895E-01	55.6
	5	0.53887E-02	0.28239E-02	0.60838E-02	62.3
	6	0.11851E-01	-0.13501E-02	0.11927E-01	96.4
	7	-0.33827E-02	0.14650E-01	0.15036E-01	346.9
	8	-0.19591E-01	-0.30316E-02	0.19824E-01	261.2
	9	-0.65047E-02	-0.47205E-02	0.80371E-02	234.0
	10	-0.12090E-01	-0.43929E-03	0.12098E-01	267.9

MAX=-0.13730E-01 MIN=-0.25443E 00 PEAK TO PEAK/2= 0.12035E 00



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

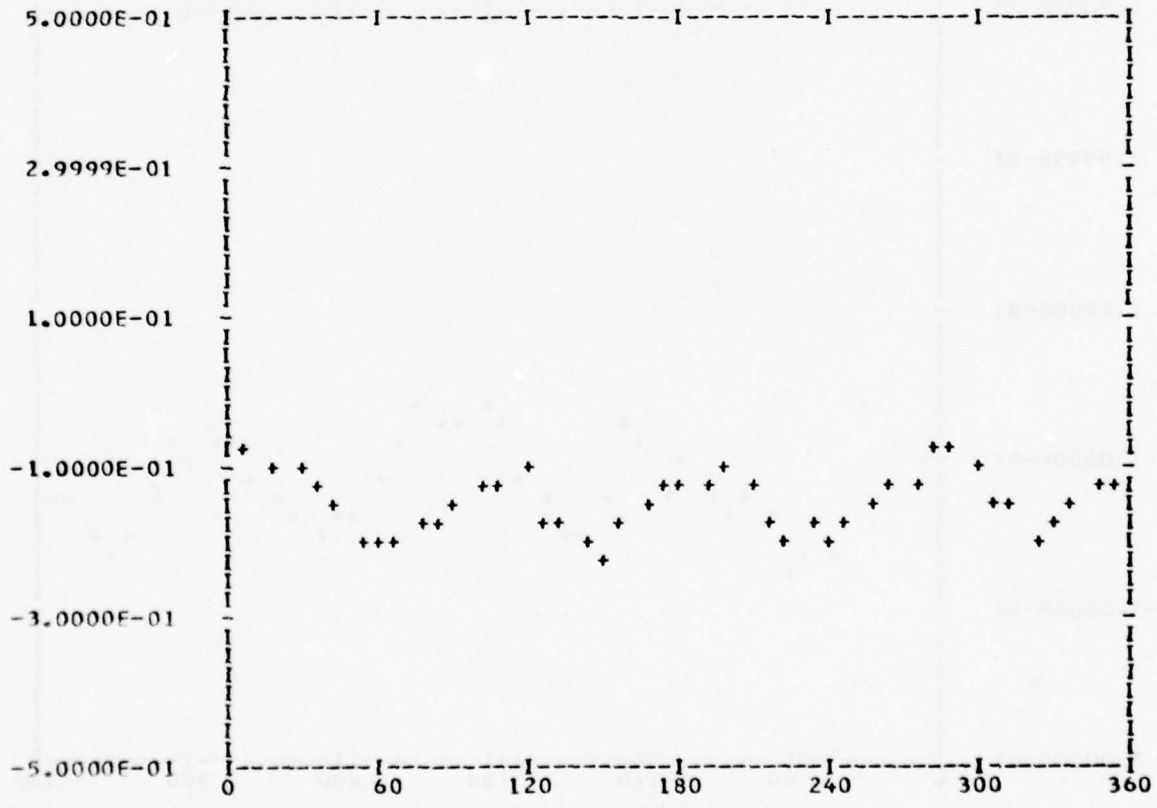
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14422E 00	1	0.97299E-02	-0.12316E-01	0.15695E-01	141.6
	2	0.56344E-02	-0.38706E-02	0.68358E-02	124.4
	3	0.31871E-02	0.52072E-02	0.61051E-02	31.4
	4	0.48571E-01	0.19047E-02	0.48609E-01	87.7
	5	-0.58810E-02	-0.97688E-03	0.59616E-02	260.5
	6	-0.43674E-02	-0.44178E-02	0.62122E-02	224.6
	7	-0.27370E-02	0.24623E-02	0.36816E-02	311.9
	8	-0.24884E-02	0.67750E-02	0.72176E-02	339.8
	9	0.13648E-02	-0.44063E-02	0.46129E-02	162.7
	10	-0.10766E-02	-0.53292E-04	0.10779E-02	267.1

MAX=-0.64891E-01 MIN=-0.22764E 00 PEAK TO PEAK/2= 0.81377E-01



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

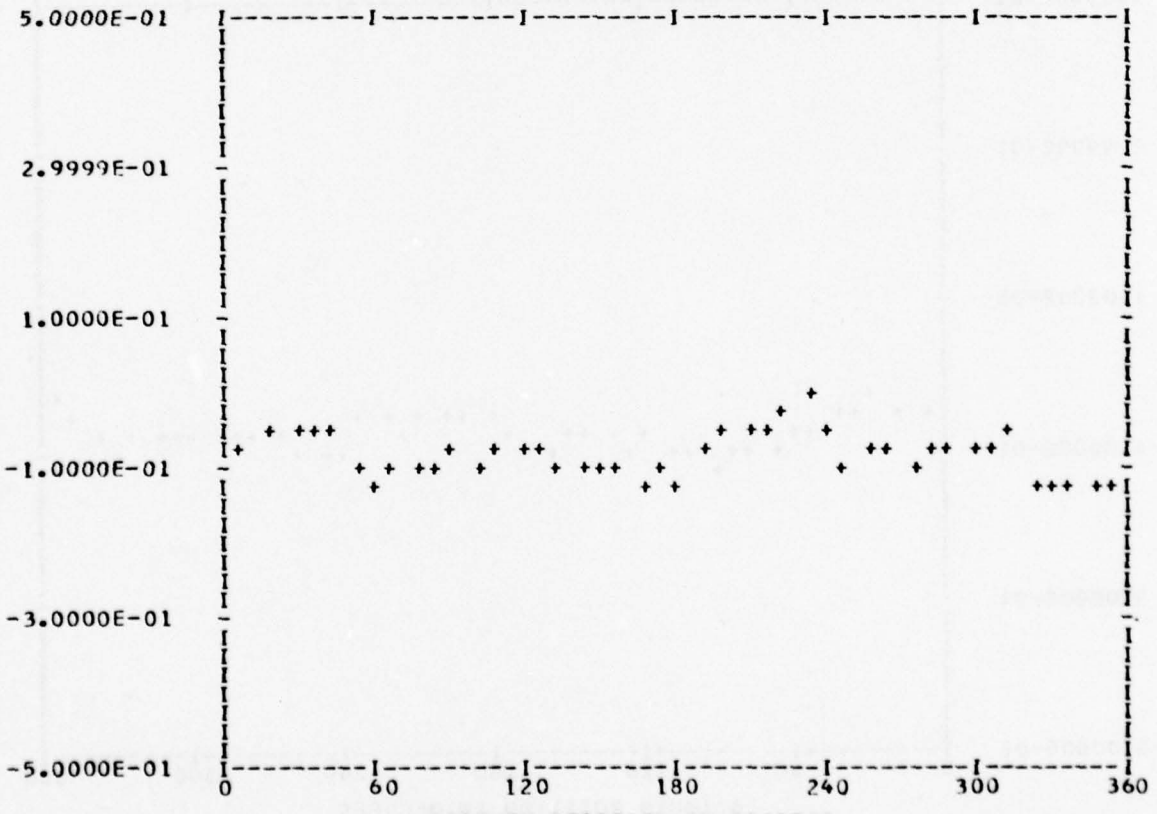
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.84631E-01	1	-0.91223E-02	-0.58522E-02	0.10838E-01	237.3
	2	-0.22075E-02	0.17989E-01	0.18124E-01	353.0
	3	0.66656E-02	-0.45275E-02	0.80578E-02	124.1
	4	-0.38154E-02	0.25780E-01	0.26061E-01	351.5
	5	0.70738E-02	0.77509E-02	0.10493E-01	42.3
	6	-0.15701E-02	0.18961E-02	0.24619E-02	320.3
	7	-0.39581E-02	0.32554E-02	0.51249E-02	309.4
	8	-0.25871E-02	-0.18002E-02	0.31518E-02	235.1
	9	-0.52192E-02	-0.22227E-02	0.56729E-02	246.9
	10	0.41364E-02	0.35910E-02	0.54778E-02	49.0

MAX=-0.32822E-02 MIN=-0.12933E 00 PEAK TO PEAK/2= 0.63025E-01



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

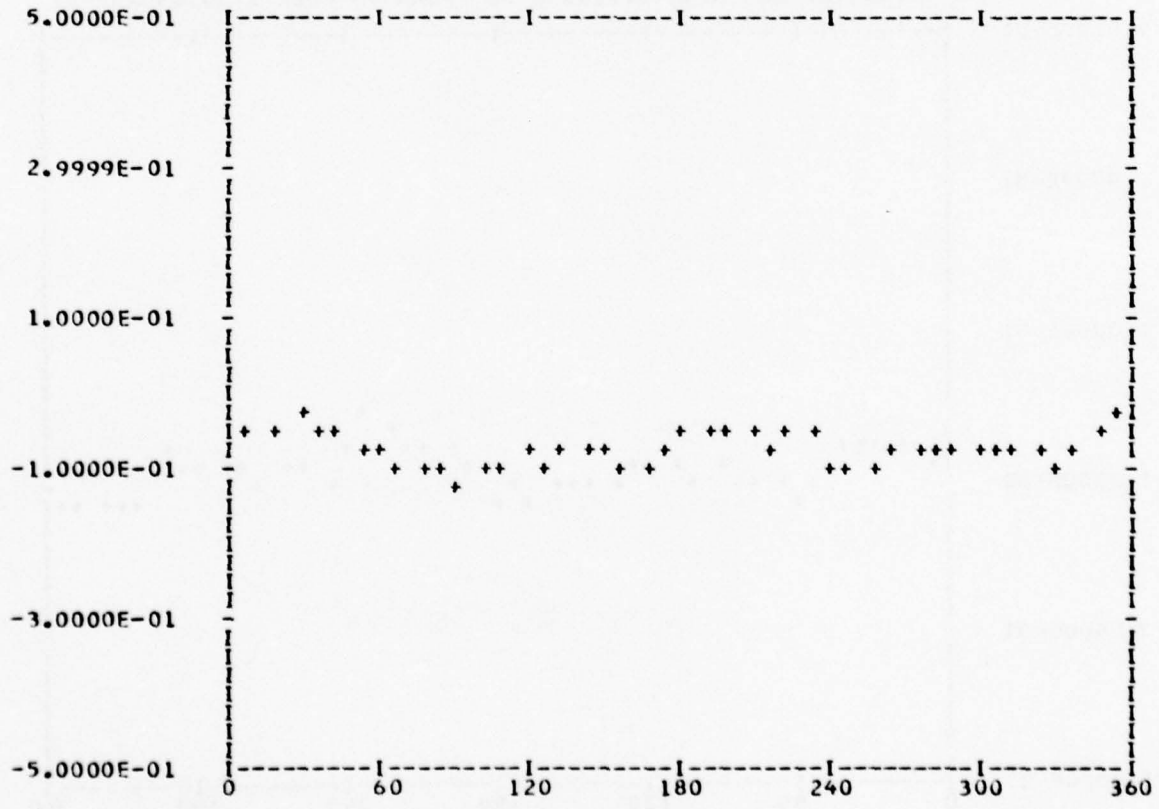
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.72803E-01	1	0.79610E-02	-0.72904E-02	0.10794E-01	132.4
	2	0.24671E-01	-0.27938E-02	0.24829E-01	96.4
	3	0.50634E-02	0.20556E-02	0.54647E-02	67.9
	4	0.10925E-01	0.44482E-02	0.11796E-01	67.8
	5	-0.40380E-02	-0.86898E-02	0.95822E-02	204.9
	6	0.68663E-03	-0.50979E-02	0.51440E-02	172.3
	7	0.32663E-03	-0.31571E-02	0.31739E-02	174.0
	8	-0.53035E-03	-0.71159E-02	0.71356E-02	184.2
	9	-0.67686E-02	0.38619E-02	0.77928E-02	299.7
	10	-0.24716E-02	-0.15739E-02	0.29302E-02	237.5

MAX= 0.50466E-02 MIN=-0.12194E 00 PEAK TO PEAK/2= 0.63493E-01



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

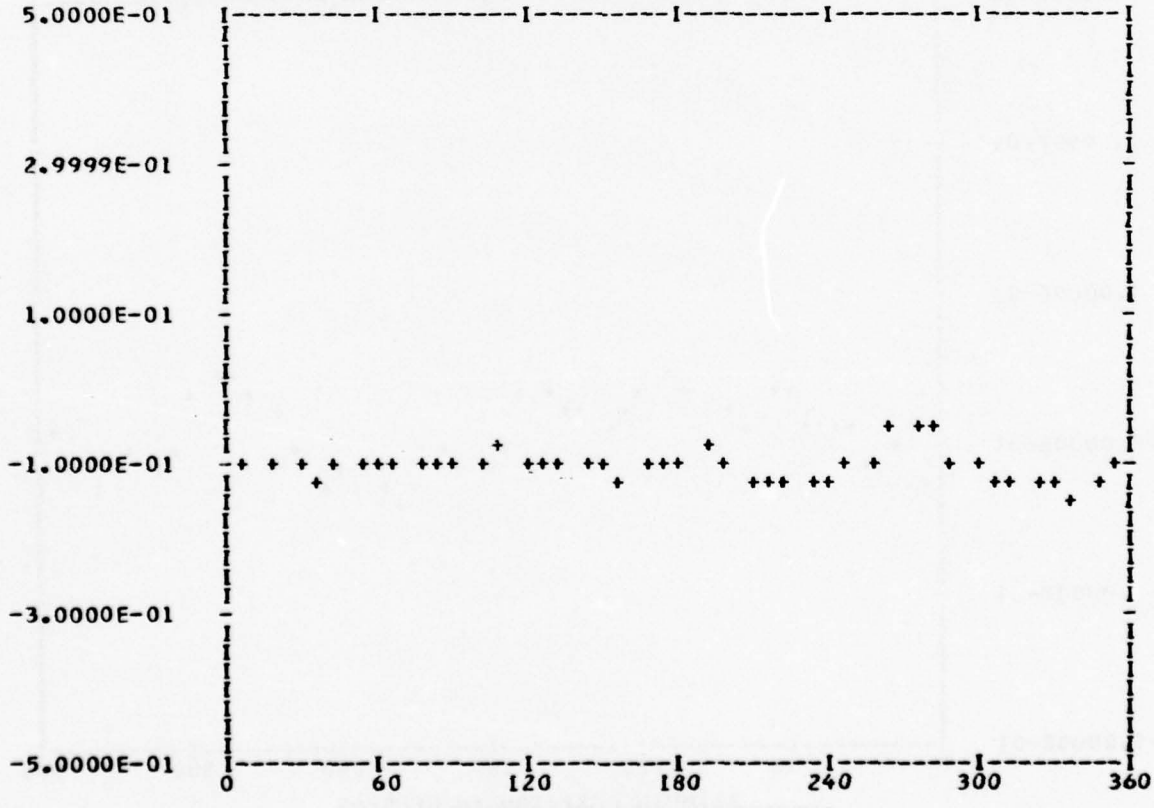
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10348E 00	1	-0.23691E-02	0.16290E-02	0.28752E-02	304.5
	2	-0.11457E-01	0.33009E-02	0.11923E-01	286.0
	3	0.63210E-03	0.16025E-01	0.16037E-01	2.2
	4	0.17401E-01	-0.33510E-02	0.17721E-01	100.8
	5	-0.31842E-02	-0.79008E-02	0.85184E-02	201.9
	6	0.26713E-02	0.12069E-03	0.26741E-02	87.4
	7	0.37556E-02	0.28699E-02	0.47267E-02	52.6
	8	0.64492E-02	0.12744E-02	0.65739E-02	78.8
	9	-0.18616E-02	-0.33367E-02	0.38209E-02	209.1
	10	-0.88723E-04	-0.12650E-02	0.12681E-02	184.0

MAX=-0.41341E-01 MIN=-0.14281E 00 PEAK TO PEAK/2= 0.50736E-01



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

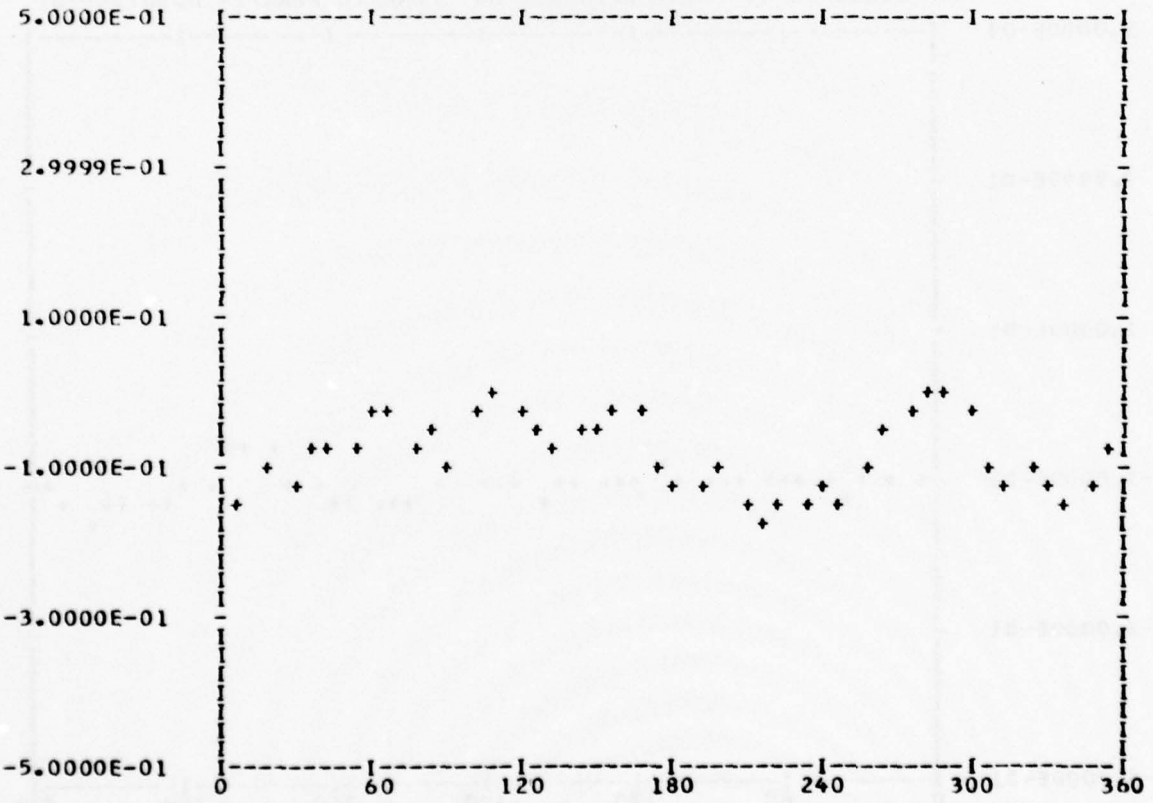
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.82575E-01	1	0.38095E-02	0.23703E-01	0.24007E-01	9.1
	2	-0.39857E-01	-0.14251E-01	0.42329E-01	250.3
	3	-0.41251E-02	0.28993E-01	0.29285E-01	351.9
	4	0.15711E-01	-0.21959E-02	0.15864E-01	97.9
	5	0.30480E-02	-0.12265E-01	0.12638E-01	166.0
	6	-0.10289E-01	-0.15438E-01	0.18553E-01	213.6
	7	0.82516E-02	-0.27817E-02	0.87079E-02	108.6
	8	-0.15056E-02	0.10724E-01	0.10829E-01	352.0
	9	-0.61014E-02	-0.92828E-02	0.11108E-01	213.3
	10	-0.40951E-02	-0.48018E-02	0.63109E-02	220.4

MAX= 0.11153E-01 MIN=-0.16346E 00 PEAK TO PEAK/2= 0.87307E-01



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

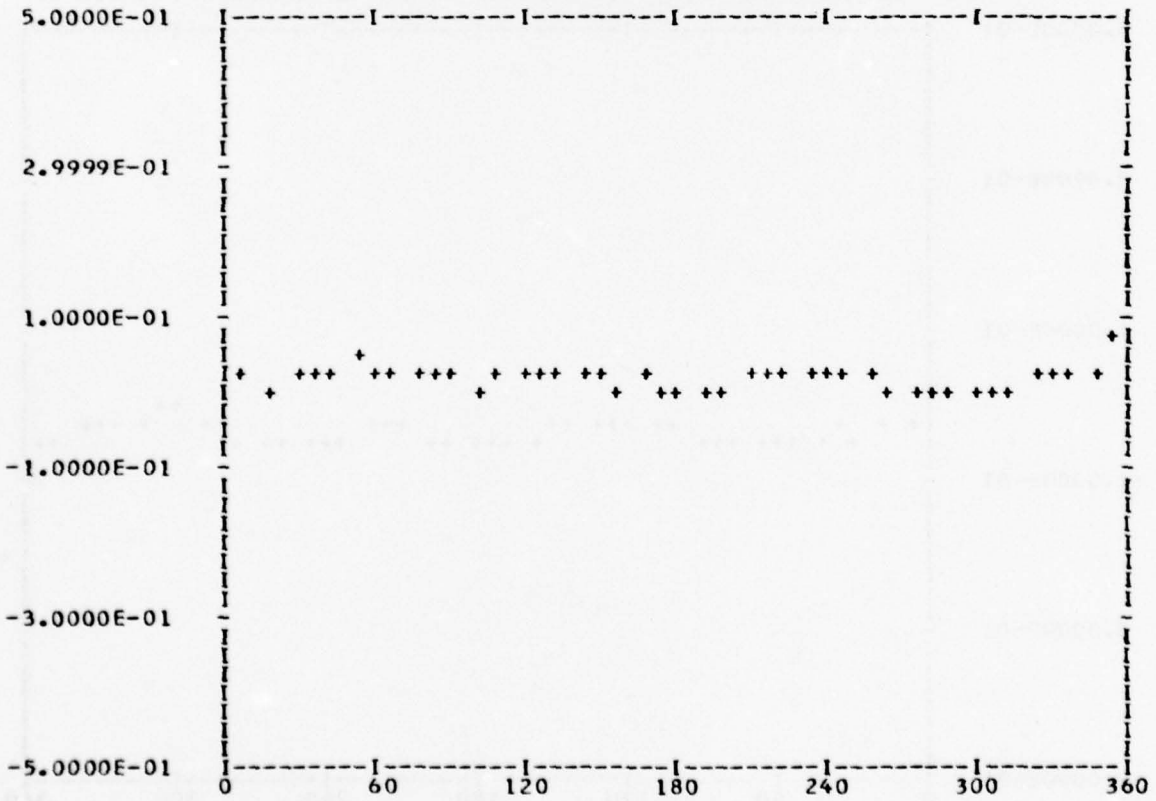
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.17673E-01	1	0.50036E-02	0.25103E-02	0.55981E-02	63.3
	2	0.42914E-02	0.59366E-02	0.73252E-02	35.8
	3	0.32756E-02	-0.24452E-02	0.40876E-02	126.7
	4	-0.69983E-02	-0.12577E-02	0.71104E-02	259.8
	5	-0.12497E-02	-0.44001E-02	0.45741E-02	195.8
	6	-0.22774E-02	-0.29571E-02	0.37325E-02	217.6
	7	-0.35042E-03	-0.36087E-02	0.36256E-02	185.5
	8	-0.27954E-03	-0.35801E-02	0.35910E-02	184.4
	9	-0.17484E-02	-0.19041E-02	0.25851E-02	222.5
	10	-0.20087E-02	-0.43740E-03	0.20558E-02	257.7

MAX= 0.69532E-01 MIN=-0.57558E-03 PEAK TO PEAK/2= 0.35053E-01



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

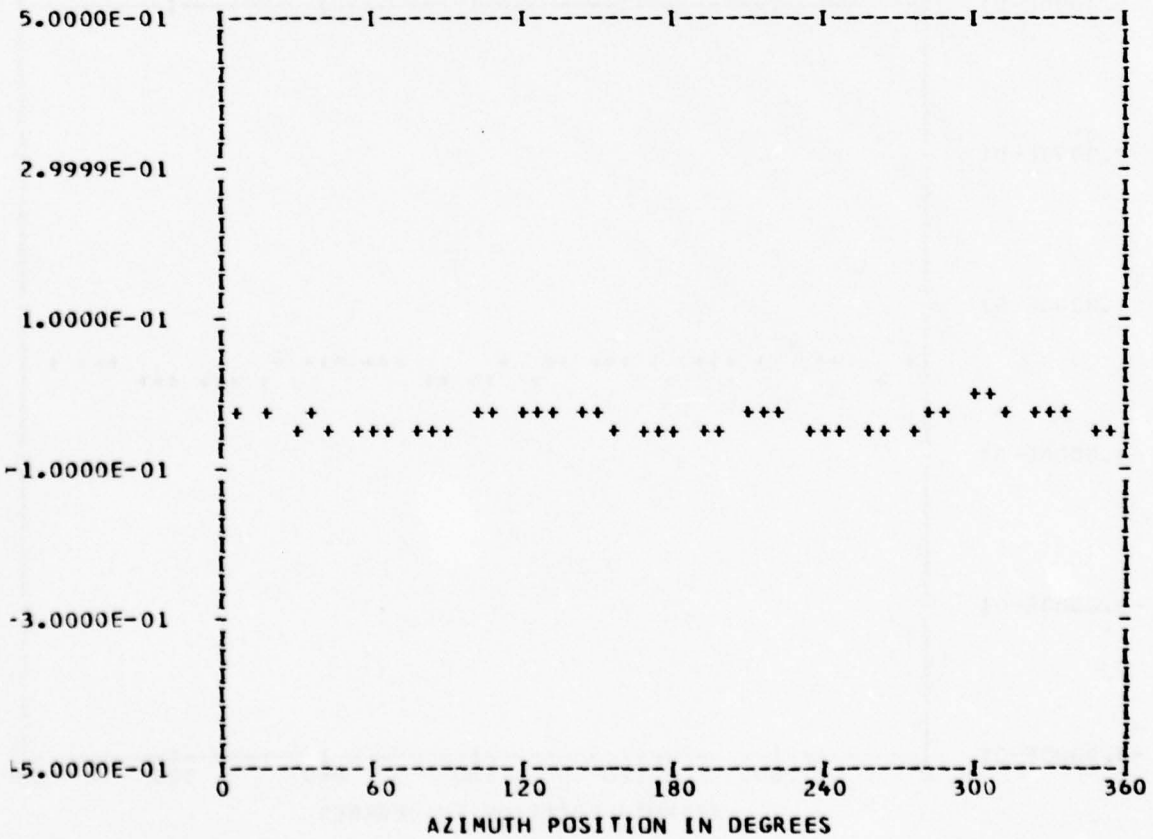
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.37061E-01	1	0.15570E-02	-0.44493E-02	0.47139E-02	160.7
	2	-0.56990E-02	-0.66880E-02	0.87868E-02	220.4
	3	-0.66364E-03	0.10984E-02	0.12833E-02	328.8
	4	0.29298E-03	0.87863E-02	0.87912E-02	1.9
	5	0.40034E-02	0.45069E-03	0.40286E-02	83.5
	6	-0.54398E-03	0.93998E-03	0.10860E-02	329.9
	7	0.14501E-03	-0.10145E-02	0.10248E-02	171.8
	8	-0.88371E-03	0.27058E-02	0.28464E-02	341.9
	9	0.53987E-03	0.17095E-02	0.17927E-02	17.5
	10	0.59707E-03	-0.74028E-03	0.95106E-03	141.1

MAX=-0.59782E-02 MIN=-0.54719E-01 PEAK TO PEAK/2= 0.24370E-01



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

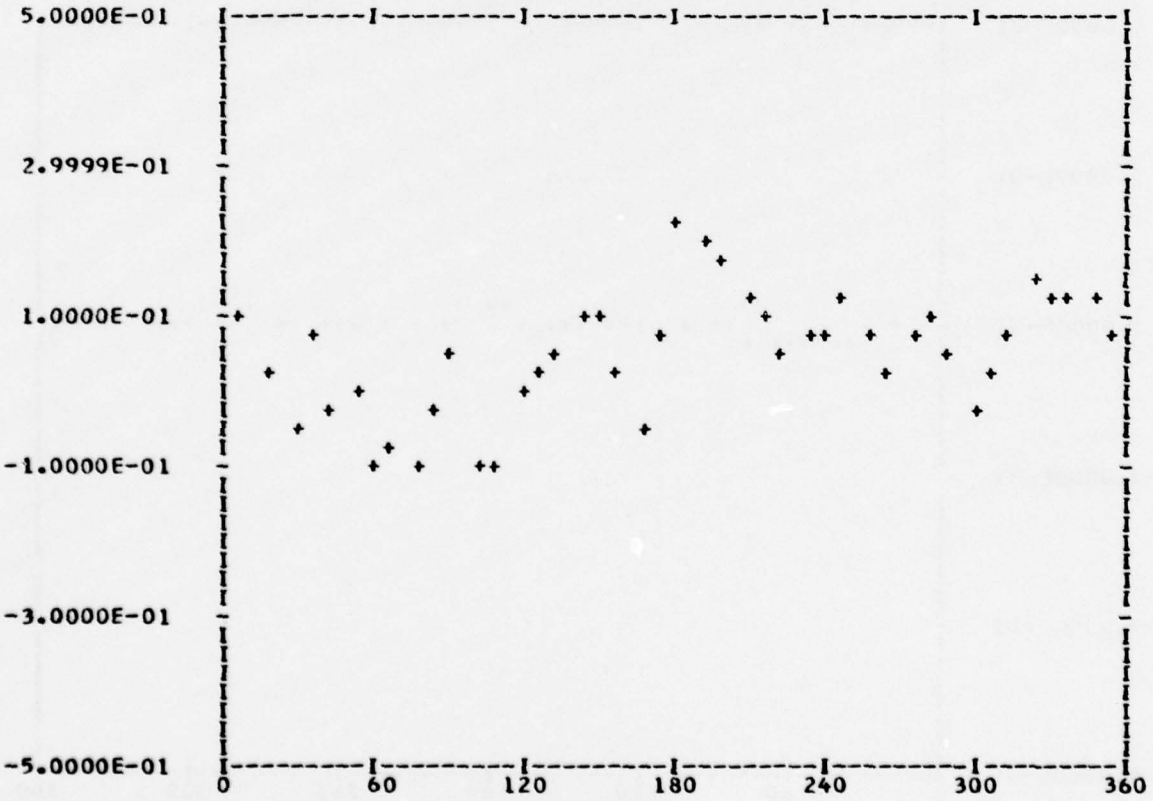
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.52775E-01	1	-0.27896E-01	-0.59000E-01	0.65263E-01	205.3
	2	0.52194E-01	-0.25002E-01	0.57874E-01	115.5
	3	0.52530E-02	-0.14485E-01	0.15408E-01	160.0
	4	0.27370E-02	-0.21504E-02	0.34807E-02	128.1
	5	-0.18181E-01	-0.18238E-01	0.25753E-01	224.9
	6	0.81332E-02	0.20681E-01	0.22223E-01	21.4
	7	-0.28216E-01	-0.79175E-02	0.29306E-01	254.3
	8	0.30201E-01	-0.83538E-02	0.31335E-01	105.4
	9	0.11196E-01	-0.75838E-02	0.13523E-01	124.1
	10	0.78899E-02	-0.35203E-02	0.86396E-02	114.0

MAX= 0.21949E 00 MIN=-0.11139E 00 PEAK TO PEAK/2= 0.16544E 00



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

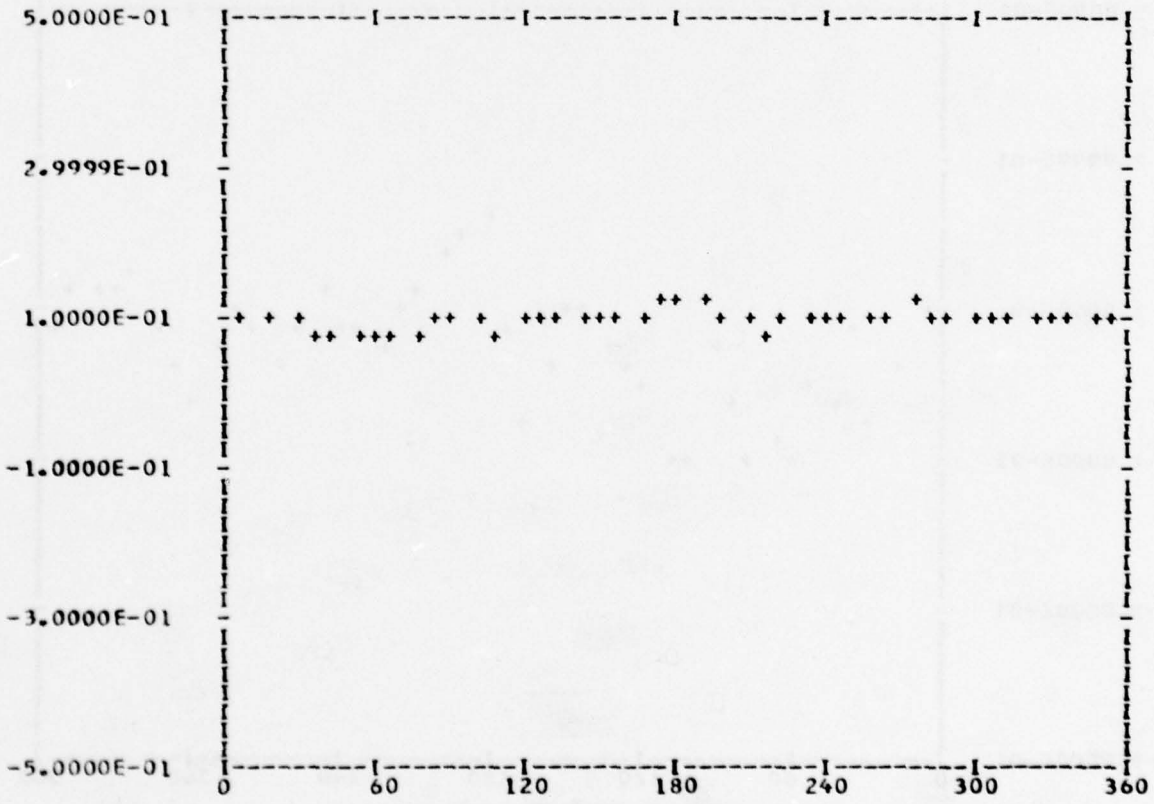
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.98096E-01	1	-0.72098E-02	-0.47031E-02	0.86082E-02	236.8
	2	-0.15412E-02	-0.64788E-02	0.66596E-02	193.3
	3	0.48343E-03	0.23555E-02	0.24046E-02	11.5
	4	0.50221E-02	-0.47733E-02	0.69286E-02	133.5
	5	0.13546E-02	0.24738E-02	0.28204E-02	28.7
	6	0.21720E-02	0.25842E-02	0.33758E-02	40.0
	7	-0.19787E-02	0.32628E-02	0.38159E-02	328.7
	8	0.10615E-02	-0.26416E-02	0.28469E-02	158.1
	9	0.13493E-02	-0.56448E-03	0.14626E-02	112.7
	10	0.83296E-03	0.15522E-02	0.17616E-02	28.2

MAX= 0.11790E 00 MIN= 0.70361E-01 PEAK TO PEAK/2= 0.23770E-01



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

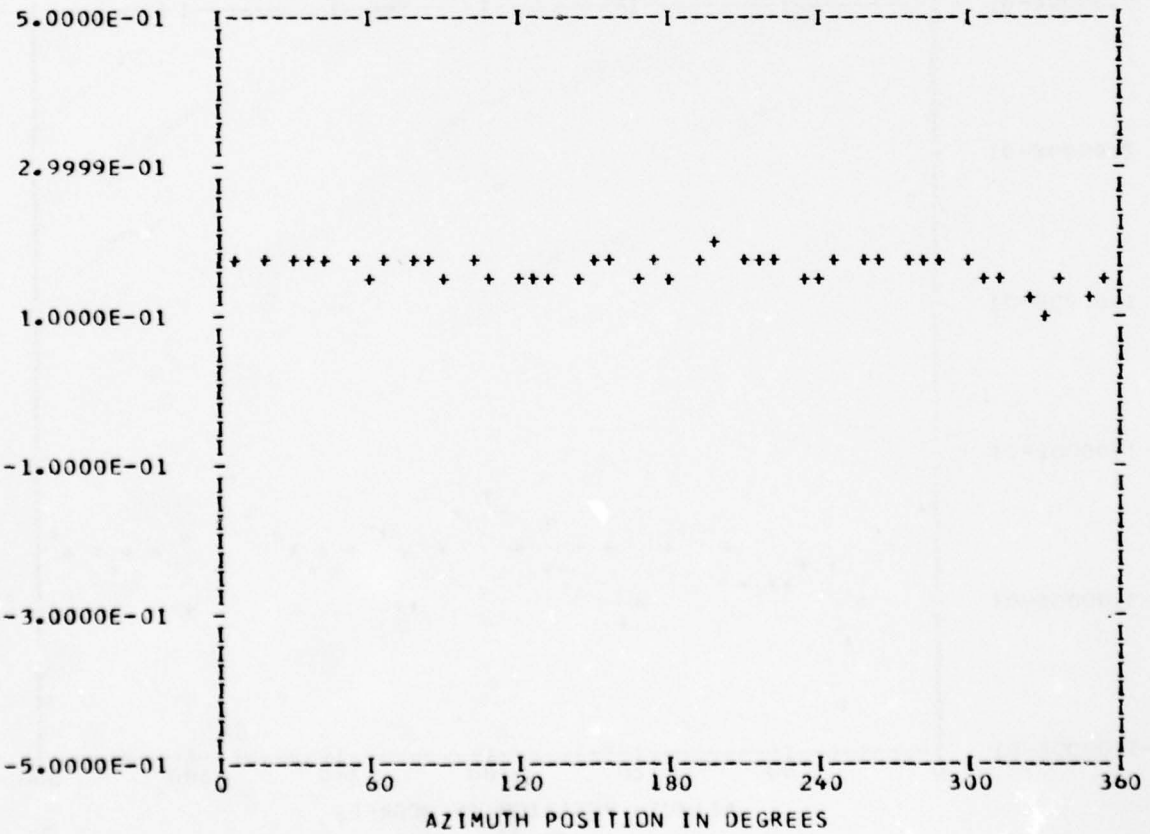
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 8
TP 13
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.16503E 00	1	-0.41198E-02	0.83423E-03	0.42034E-02	281.4
	2	0.42305E-03	0.99798E-02	0.99888E-02	2.4
	3	-0.84260E-03	0.95094E-02	0.95467E-02	354.9
	4	0.94760E-02	0.23180E-02	0.97555E-02	76.2
	5	0.39170E-02	-0.42577E-02	0.57854E-02	137.3
	6	0.17112E-02	0.96159E-03	0.19629E-02	60.6
	7	0.77081E-03	-0.24322E-02	0.25514E-02	162.4
	8	-0.32061E-02	0.32721E-02	0.45811E-02	315.5
	9	-0.29782E-03	0.11679E-02	0.12053E-02	345.6
	10	0.21866E-02	-0.17433E-04	0.21867E-02	90.4

MAX= 0.18920E 00 MIN= 0.10328E 00 PEAK TO PEAK/2= 0.42956E-01



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

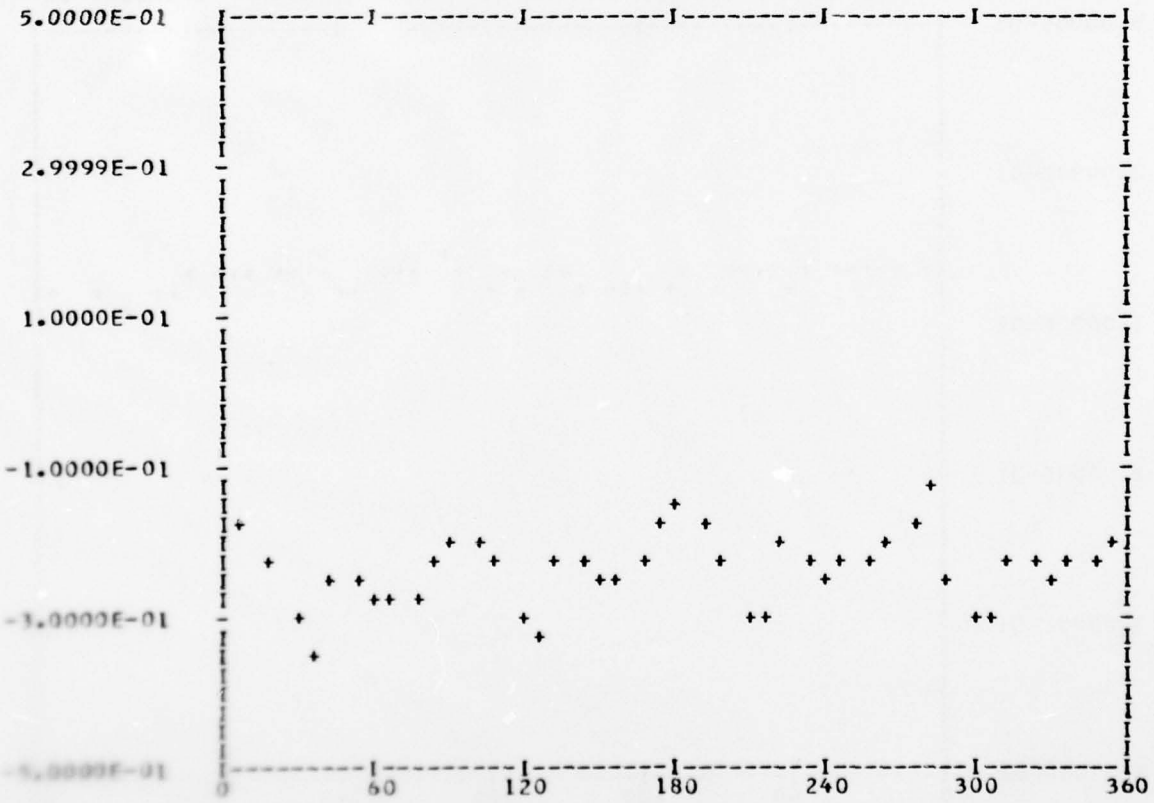
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23362E 00	1	-0.91179E-02	-0.10702E-01	0.14059E-01	220.4
	2	0.27433E-02	-0.70956E-02	0.76075E-02	158.8
	3	0.50877E-02	-0.33879E-02	0.61125E-02	123.6
	4	0.17861E-01	-0.35371E-01	0.39625E-01	153.2
	5	-0.13963E-02	0.81524E-03	0.16168E-02	300.2
	6	-0.32877E-02	-0.41513E-02	0.52955E-02	218.3
	7	0.45885E-02	0.10544E-02	0.47081E-02	77.0
	8	0.20407E-01	-0.33429E-01	0.39165E-01	148.5
	9	0.20859E-02	0.22048E-02	0.30352E-02	43.4
	10	0.24267E-03	-0.93634E-03	0.96727E-03	165.4

MAX=-0.13562E 00 MIN=-0.33997E 00 PEAK TO PEAK/2= 0.10217E 00



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

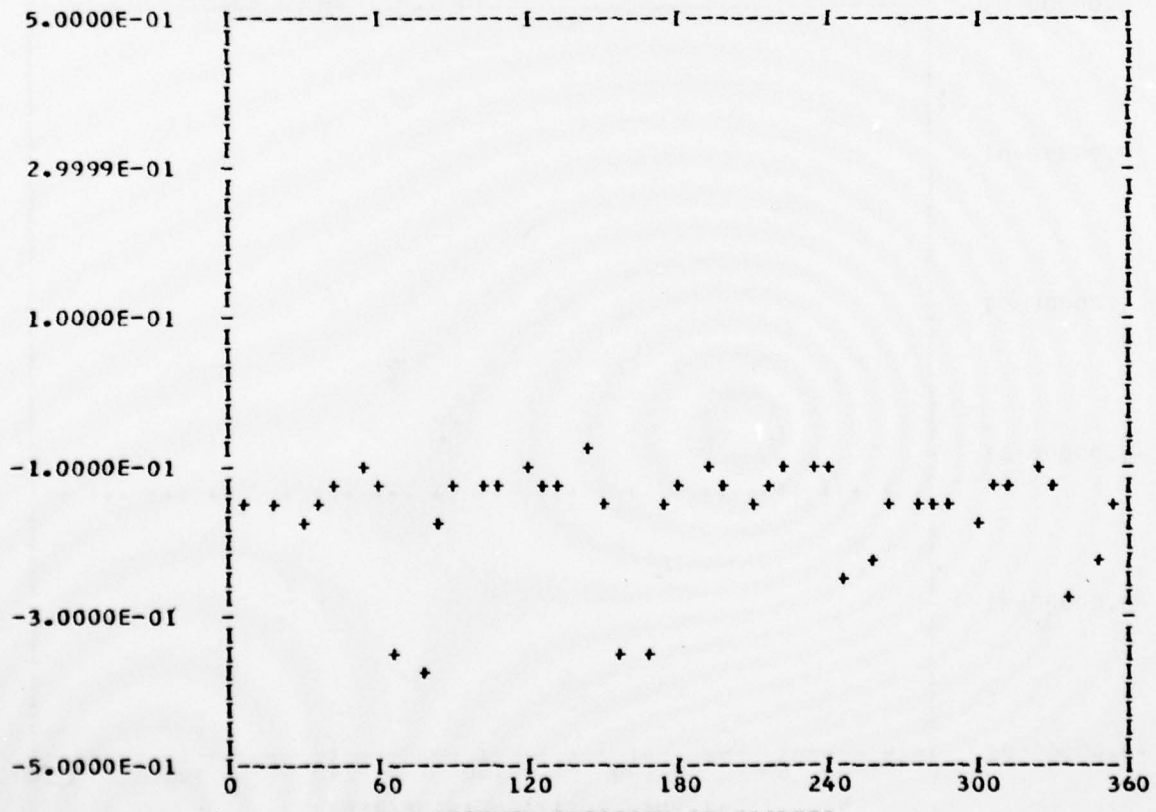
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16153E 00	1	-0.72357E-02	-0.11017E-01	0.13180E-01	213.2
	2	0.13611E-02	0.70729E-03	0.15339E-02	62.5
	3	0.13809E-01	-0.14395E-01	0.19947E-01	136.1
	4	0.28390E-02	0.57409E-01	0.57479E-01	2.8
	5	-0.18273E-01	-0.27204E-02	0.18474E-01	261.5
	6	0.23858E-02	-0.60455E-02	0.64993E-02	158.4
	7	-0.94889E-02	-0.86392E-02	0.12832E-01	227.6
	8	0.51115E-01	-0.31709E-01	0.60151E-01	121.8
	9	0.19706E-02	0.11907E-01	0.12069E-01	9.3
	10	-0.15983E-02	-0.46287E-03	0.16640E-02	253.8

MAX=-0.76417E-01 MIN=-0.36827E 00 PEAK TO PEAK/2= 0.14592E 00



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

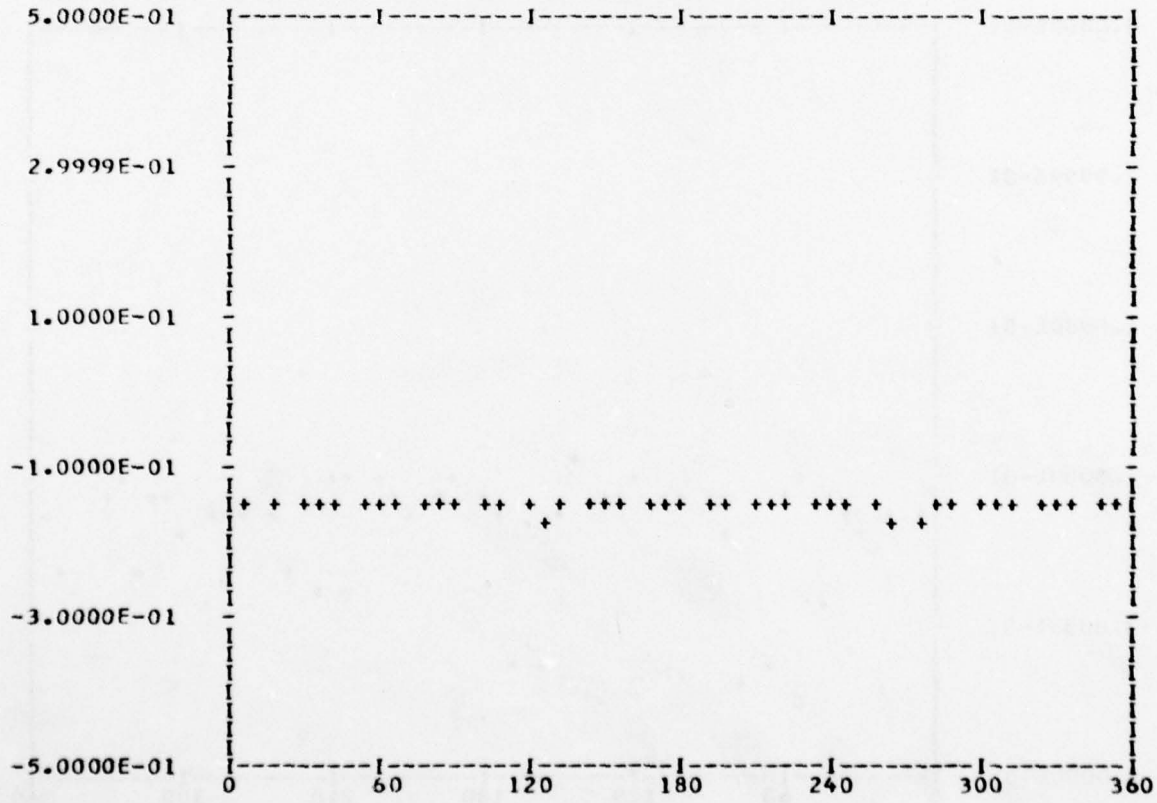
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15636E 00	1	0.26783E-03	0.43242E-03	0.50865E-03	31.7
	2	0.20495E-02	0.23831E-02	0.31432E-02	40.6
	3	-0.12902E-02	-0.53982E-03	0.13986E-02	247.2
	4	-0.25634E-02	0.96916E-03	0.27405E-02	290.7
	5	0.42720E-03	0.10428E-02	0.11269E-02	22.2
	6	-0.33269E-03	-0.43756E-03	0.54967E-03	217.2
	7	0.39231E-03	0.63425E-03	0.74577E-03	31.7
	8	0.26851E-03	0.27218E-02	0.27351E-02	5.6
	9	-0.30395E-03	-0.24754E-03	0.39200E-03	230.8
	10	-0.79995E-03	0.34061E-04	0.80068E-03	272.4

MAX=-0.14640E 00 MIN=-0.16549E 00 PEAK TC PEAK/2= 0.95436E-02



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

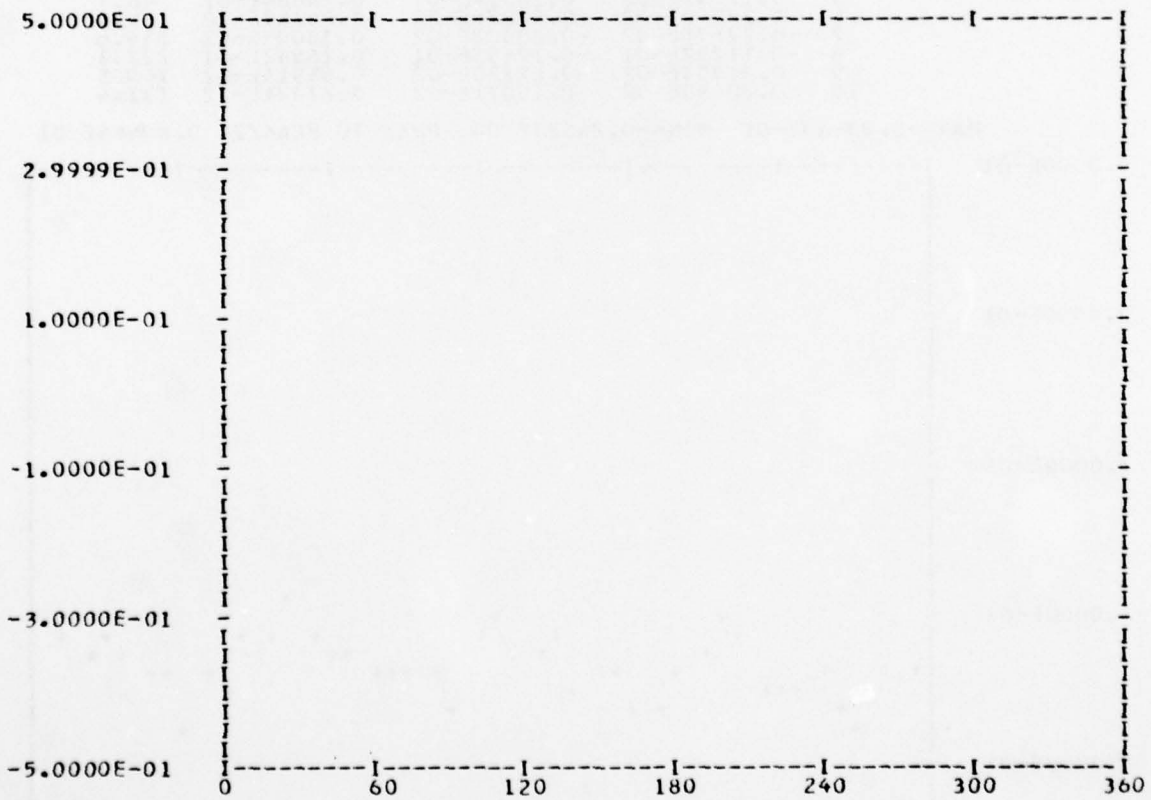
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 51

HARMONIC ANALYSIS SKIPPED

MAX=-0.50230E 00 MIN=-0.68771E 00 PEAK TO PEAK/2= 0.92703E-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---MID SECTION

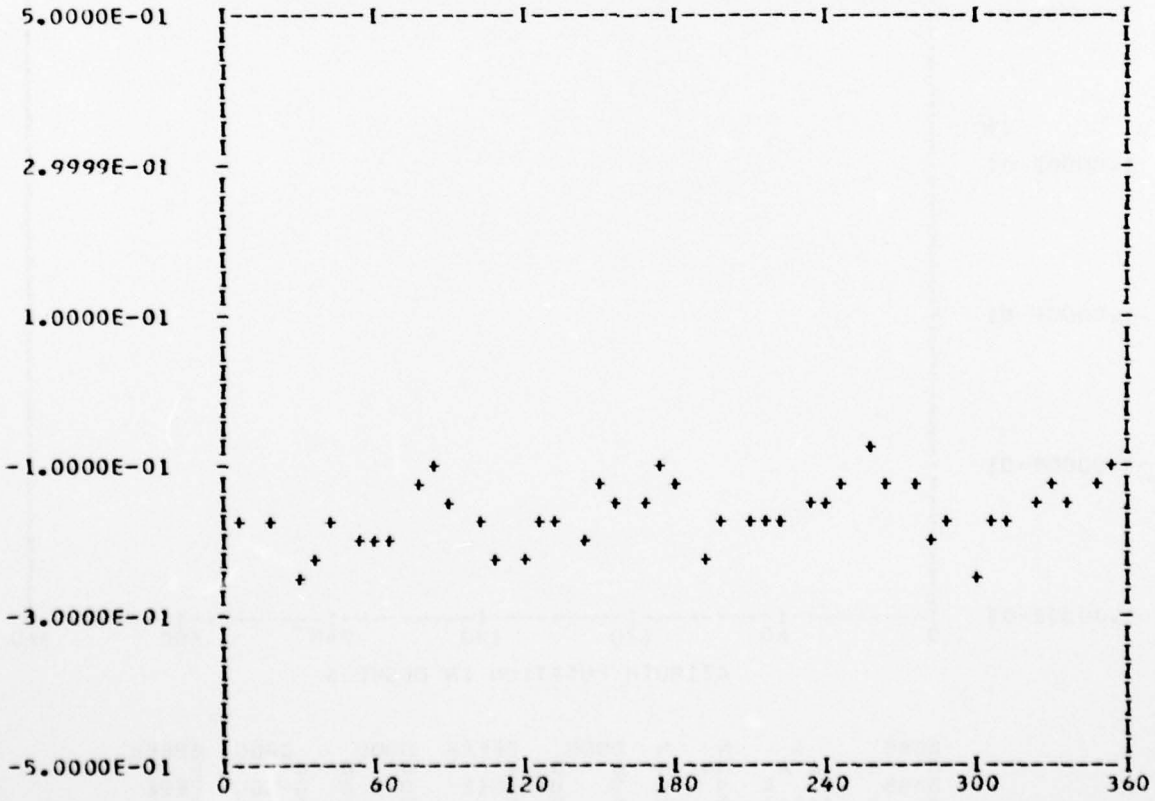
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16402E 00	1	-0.71333E-02	-0.12101E-01	0.14047E-01	210.5
	2	0.25896E-02	-0.46079E-02	0.52858E-02	150.6
	3	0.24995E-02	-0.65704E-02	0.70298E-02	159.1
	4	-0.12816E-01	-0.39942E-01	0.41948E-01	197.7
	5	0.17531E-02	0.16514E-02	0.24084E-02	46.7
	6	0.28260E-02	0.58275E-02	0.64767E-02	25.8
	7	-0.22671E-02	-0.30508E-02	0.38009E-02	216.6
	8	-0.11292E-01	-0.12495E-01	0.16842E-01	222.1
	9	0.21953E-02	-0.62150E-02	0.65914E-02	160.5
	10	0.20490E-02	-0.18071E-02	0.27321E-02	131.4

MAX=-0.83943E-01 MIN=-0.24527E 00 PEAK TO PEAK/2= 0.80664E-01



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

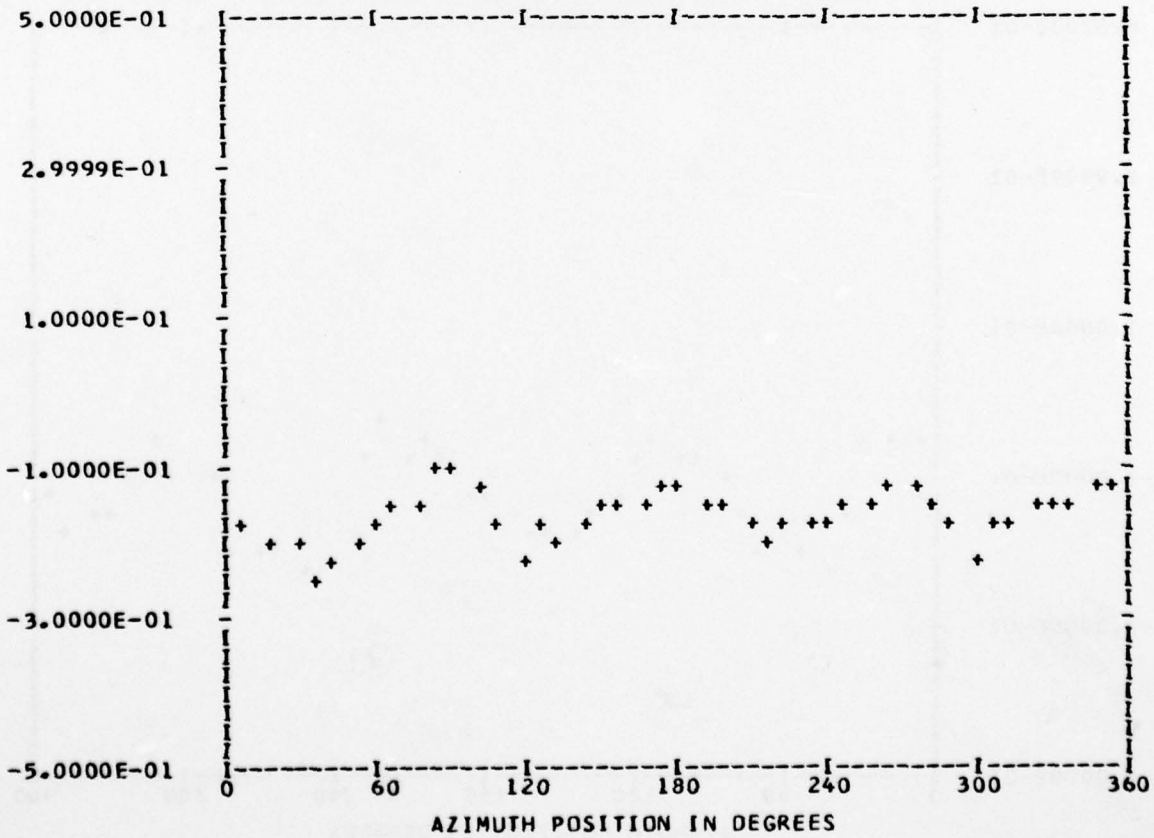
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16269E 00	1	-0.52673E-02	0.73559E-03	0.53184E-02	277.9
	2	-0.37127E-02	-0.64664E-02	0.74564E-02	209.8
	3	-0.94306E-02	-0.94074E-02	0.13320E-01	225.0
	4	0.23130E-02	-0.38776E-01	0.38845E-01	176.5
	5	0.32257E-02	0.45840E-03	0.32581E-02	81.9
	6	0.24818E-02	0.45490E-02	0.51820E-02	28.6
	7	-0.23886E-02	0.16854E-03	0.23945E-02	274.0
	8	0.20234E-02	-0.90528E-02	0.92762E-02	167.4
	9	-0.11306E-02	0.11865E-02	0.16390E-02	316.3
	10	-0.25905E-02	0.42727E-02	0.49967E-02	328.7

MAX=-0.97705E-01 MIN=-0.23965E 00 PEAK TO PEAK/2= 0.70975E-01



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

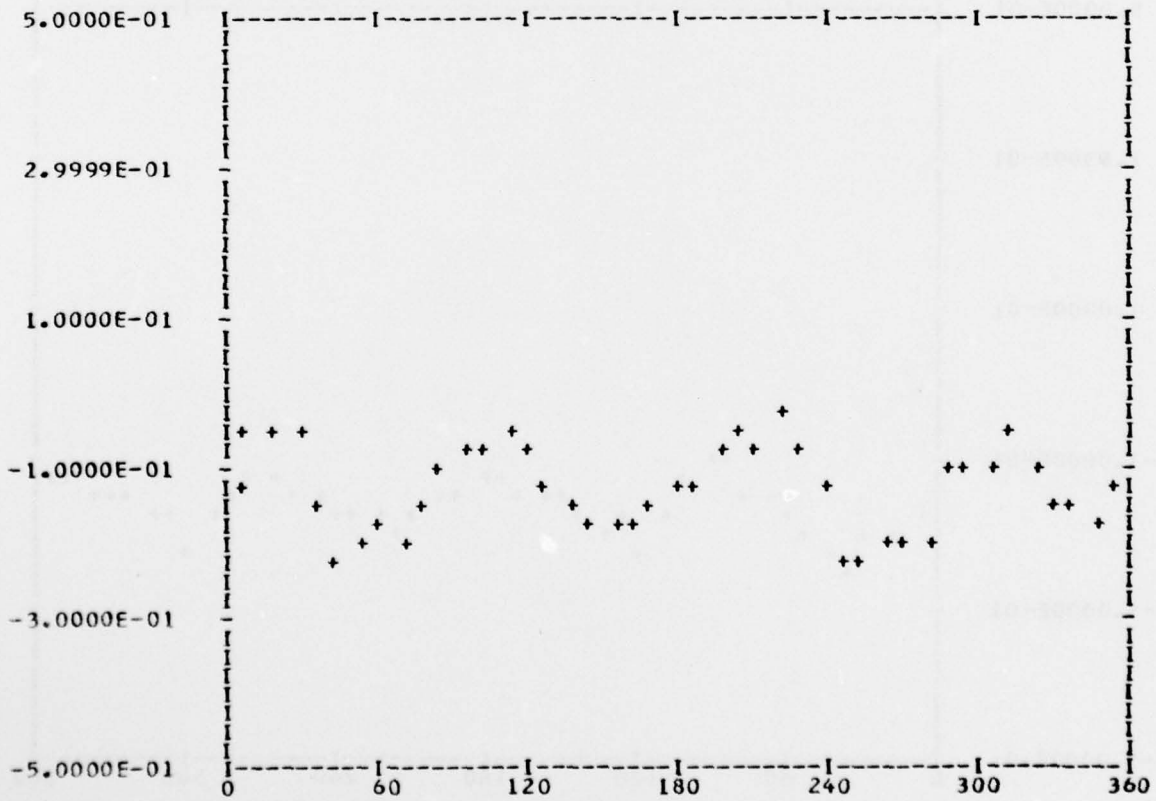
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12800E 00	1	-0.12753E-02	0.62942E-02	0.64221E-02	348.5
	2	0.14381E-01	-0.81491E-02	0.16529E-01	119.5
	3	-0.48986E-02	-0.36184E-01	0.36514E-01	187.7
	4	0.24506E-01	0.51259E-01	0.56815E-01	25.5
	5	0.17099E-01	0.18072E-01	0.24879E-01	43.4
	6	0.15573E-02	0.49063E-02	0.51476E-02	17.6
	7	0.11302E-01	0.88824E-02	0.14375E-01	51.8
	8	0.17189E-02	-0.52049E-03	0.17959E-02	106.8
	9	-0.34472E-02	0.47381E-02	0.58595E-02	323.9
	10	-0.19891E-02	0.33711E-02	0.39142E-02	329.4

MAX=-0.31524E-01 MIN=-0.23594E 00 PEAK TO PEAK/2= 0.10220E 00



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

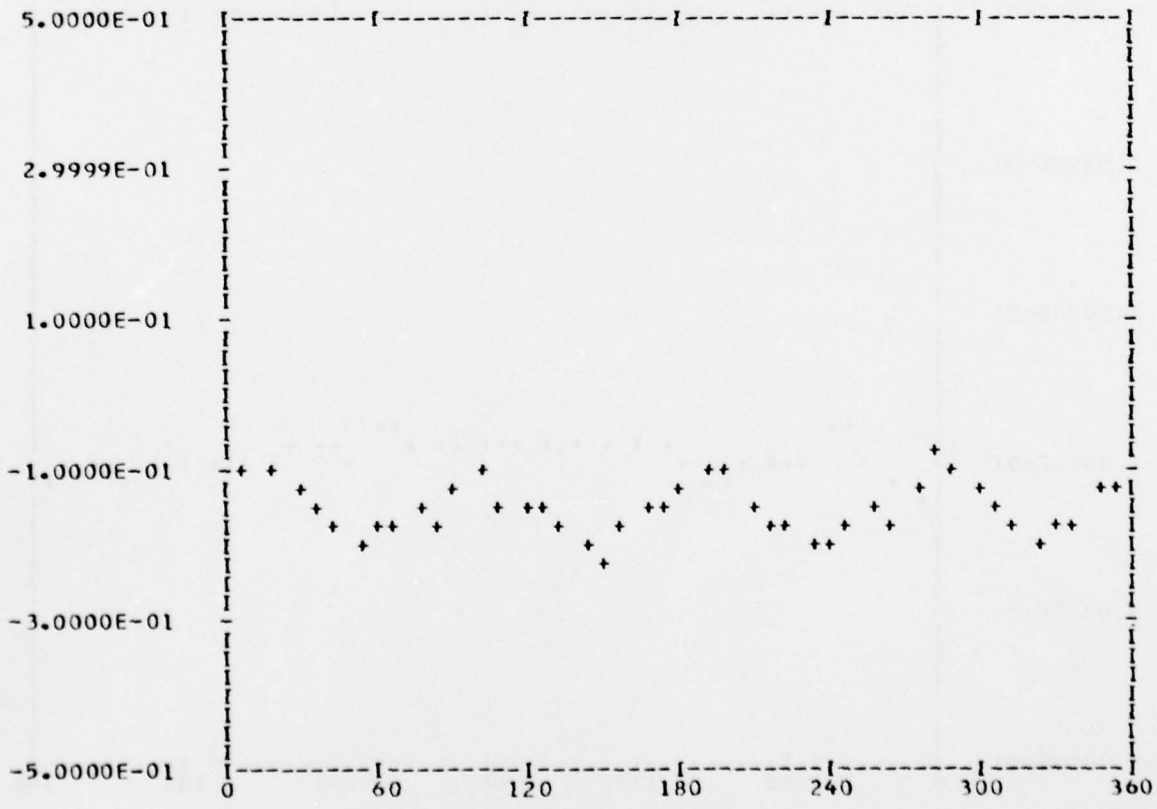
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15150E 00	1	0.70280E-02	-0.64933E-02	0.95686E-02	132.7
	2	0.33772E-02	-0.37686E-03	0.33982E-02	96.3
	3	-0.15355E-02	0.25599E-02	0.29851E-02	329.0
	4	0.41451E-01	-0.26645E-02	0.41536E-01	93.6
	5	-0.17559E-02	-0.32134E-02	0.36618E-02	208.6
	6	0.55548E-03	-0.48574E-02	0.48890E-02	173.4
	7	-0.34504E-02	0.32681E-02	0.47525E-02	313.4
	8	0.51590E-02	0.56396E-02	0.76433E-02	42.4
	9	0.52056E-03	-0.16600E-02	0.17397E-02	162.5
	10	-0.21229E-02	0.26145E-02	0.33679E-02	320.9

MAX=-0.79729E-01 MIN=-0.21498E 00 PEAK TO PEAK/2= 0.67628E-01



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

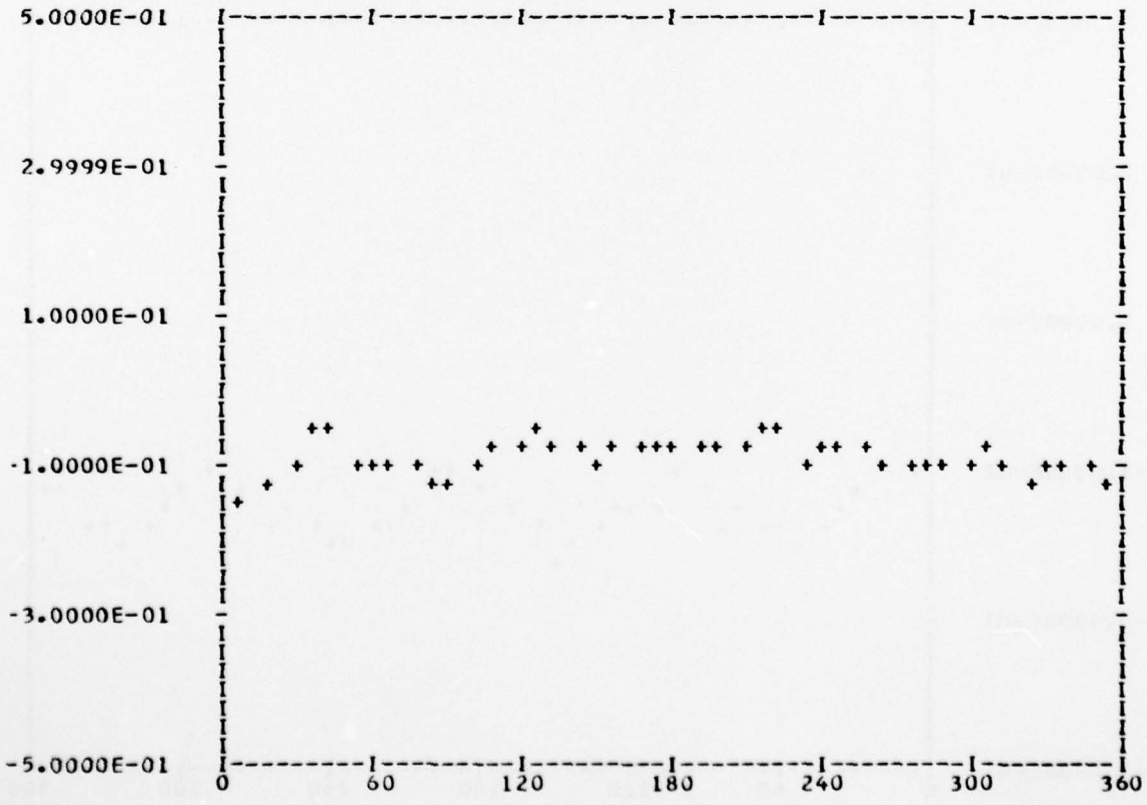
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.90348E-01	1	-0.20153E-01	0.25140E-02	0.20309E-01	277.1
	2	0.10697E-02	0.52497E-02	0.53576E-02	11.5
	3	0.83189E-04	0.41096E-02	0.41104E-02	1.1
	4	-0.86394E-02	0.12357E-01	0.15077E-01	325.0
	5	-0.11127E-01	-0.22003E-02	0.11343E-01	258.8
	6	-0.52069E-02	-0.31077E-02	0.60638E-02	239.1
	7	-0.29491E-02	-0.16140E-02	0.33619E-02	241.3
	8	-0.11993E-01	0.16311E-03	0.11994E-01	270.7
	9	0.17140E-03	0.16073E-02	0.16164E-02	6.0
	10	-0.98907E-03	-0.34766E-02	0.36145E-02	195.8

MAX=-0.41659E-01 MIN=-0.14858E 00 PEAK TO PEAK/2= 0.53462E-01



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

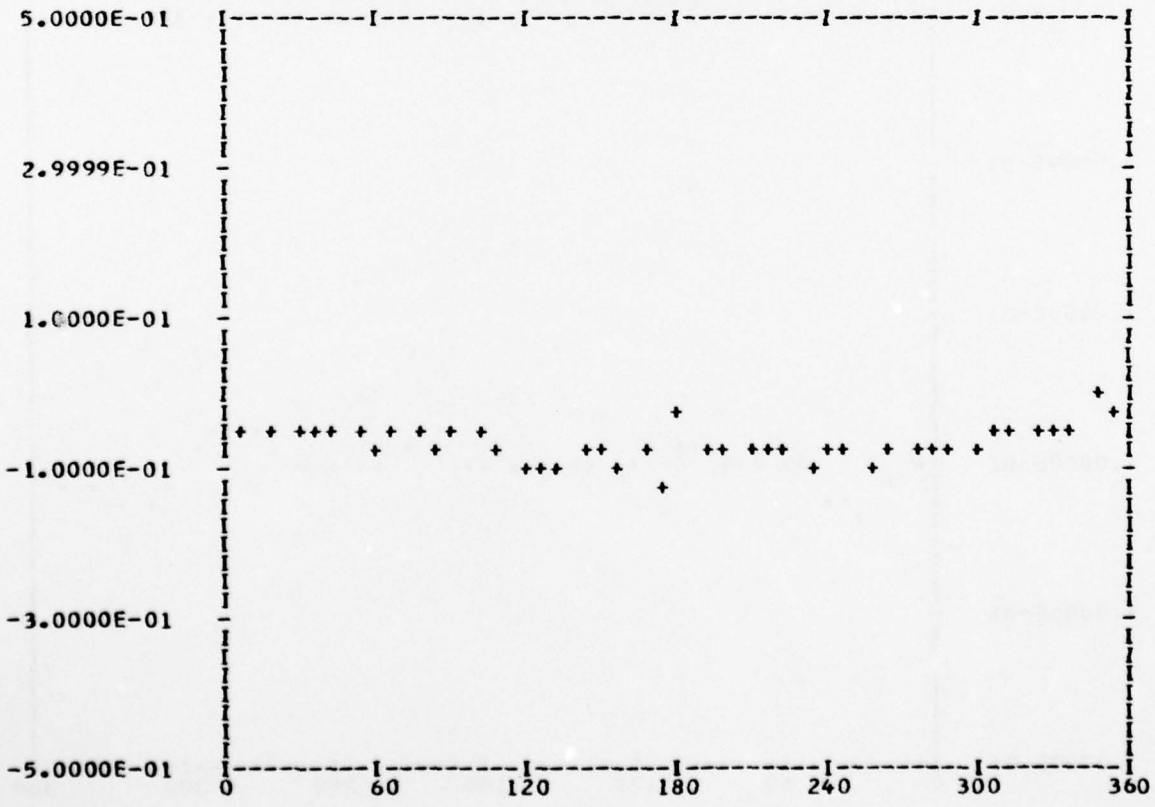
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.67520E-01	1	0.18961E-01	-0.47043E-02	0.19536E-01	103.9
	2	0.64054E-02	-0.30521E-02	0.70954E-02	115.4
	3	-0.59247E-02	-0.15140E-02	0.61151E-02	255.6
	4	0.11375E-02	-0.20707E-02	0.23626E-02	151.2
	5	-0.36656E-02	-0.32541E-03	0.36800E-02	264.9
	6	-0.22741E-02	0.13300E-02	0.26345E-02	300.3
	7	-0.55762E-02	-0.11749E-02	0.56986E-02	258.1
	8	-0.10012E-02	-0.30133E-02	0.31752E-02	198.3
	9	-0.31442E-02	0.41965E-02	0.52437E-02	323.1
	10	-0.19798E-02	0.29406E-02	0.35449E-02	326.0

MAX=-0.11228E-01 MIN=-0.11462E 00 PEAK TO PEAK/2= 0.51697E-01



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

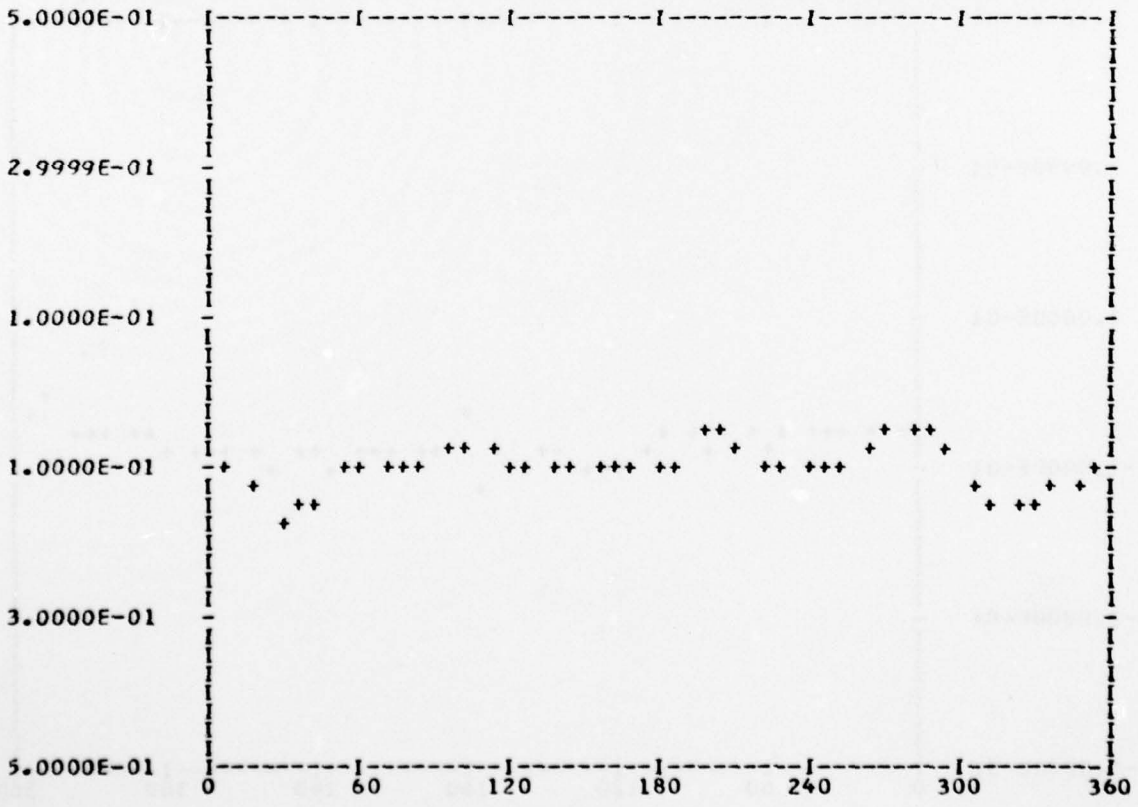
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10006E 00	1	-0.18515E-01	-0.52571E-02	0.19247E-01	254.1
	2	-0.12590E-01	0.44129E-02	0.13341E-01	289.3
	3	-0.26310E-02	0.18567E-02	0.32202E-02	305.2
	4	0.19449E-01	-0.57918E-03	0.19458E-01	91.7
	5	0.52416E-02	-0.16149E-01	0.16979E-01	162.0
	6	-0.81906E-03	-0.38599E-02	0.39458E-02	191.9
	7	0.46715E-02	-0.44058E-02	0.64214E-02	133.3
	8	0.41370E-02	0.66042E-02	0.77930E-02	32.0
	9	0.38901E-02	0.71054E-03	0.39544E-02	79.6
	10	0.41991E-04	-0.96330E-03	0.96422E-03	177.5

MAX=-0.38585E-01 MIN=-0.16536E 00 PEAK TO PEAK/2= 0.63389E-01



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

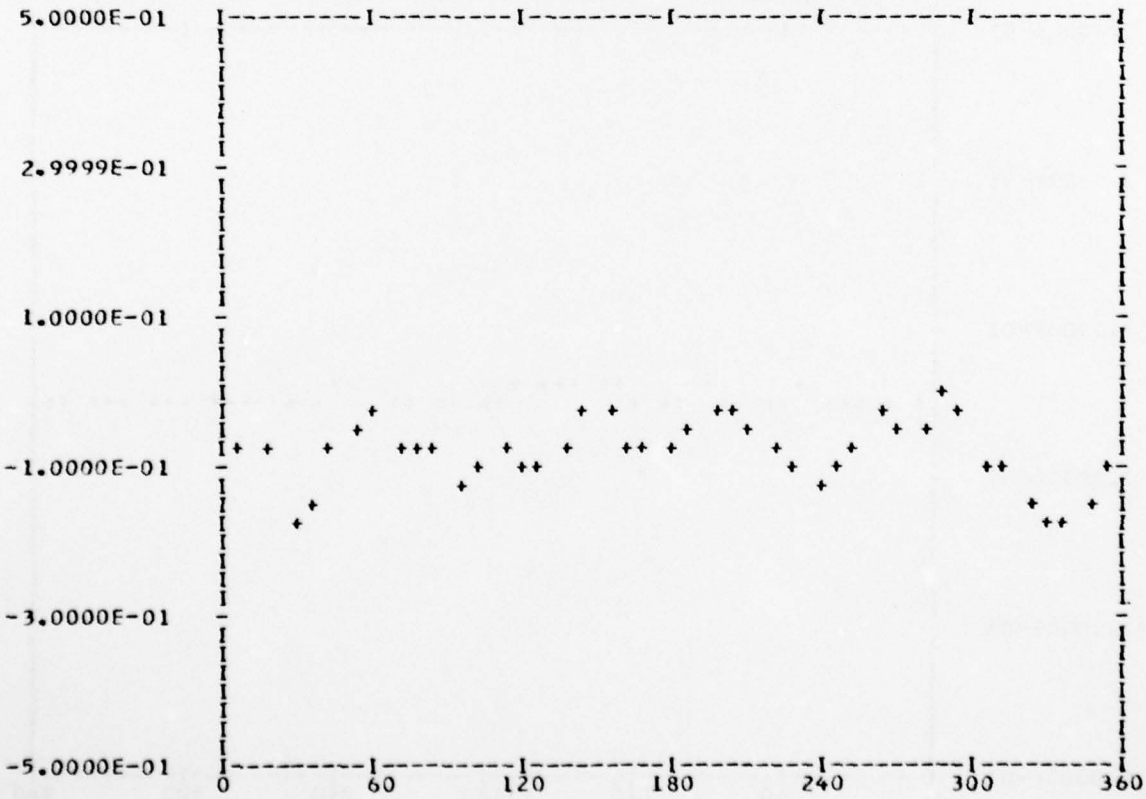
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
IP 3
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.82935E-01	1	-0.26229E-01	-0.19429E-02	0.26301E-01	265.7
	2	-0.12559E-01	0.97788E-02	0.15917E-01	307.9
	3	-0.12421E-01	0.22812E-01	0.25974E-01	331.4
	4	0.16970E-01	0.18912E-02	0.17075E-01	83.6
	5	0.14211E-01	-0.25935E-01	0.29574E-01	151.2
	6	0.75072E-02	-0.23173E-02	0.78567E-02	107.1
	7	0.12065E-01	-0.13229E-01	0.17905E-01	137.6
	8	0.80840E-02	0.69943E-02	0.10689E-01	49.1
	9	0.42318E-02	0.47477E-02	0.63600E-02	41.7
	10	0.67603E-02	-0.17019E-02	0.69713E-02	104.1

MAX= 0.52976E-02 MIN=-0.17398E 00 PEAK TO PEAK/2= 0.89642E-01



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

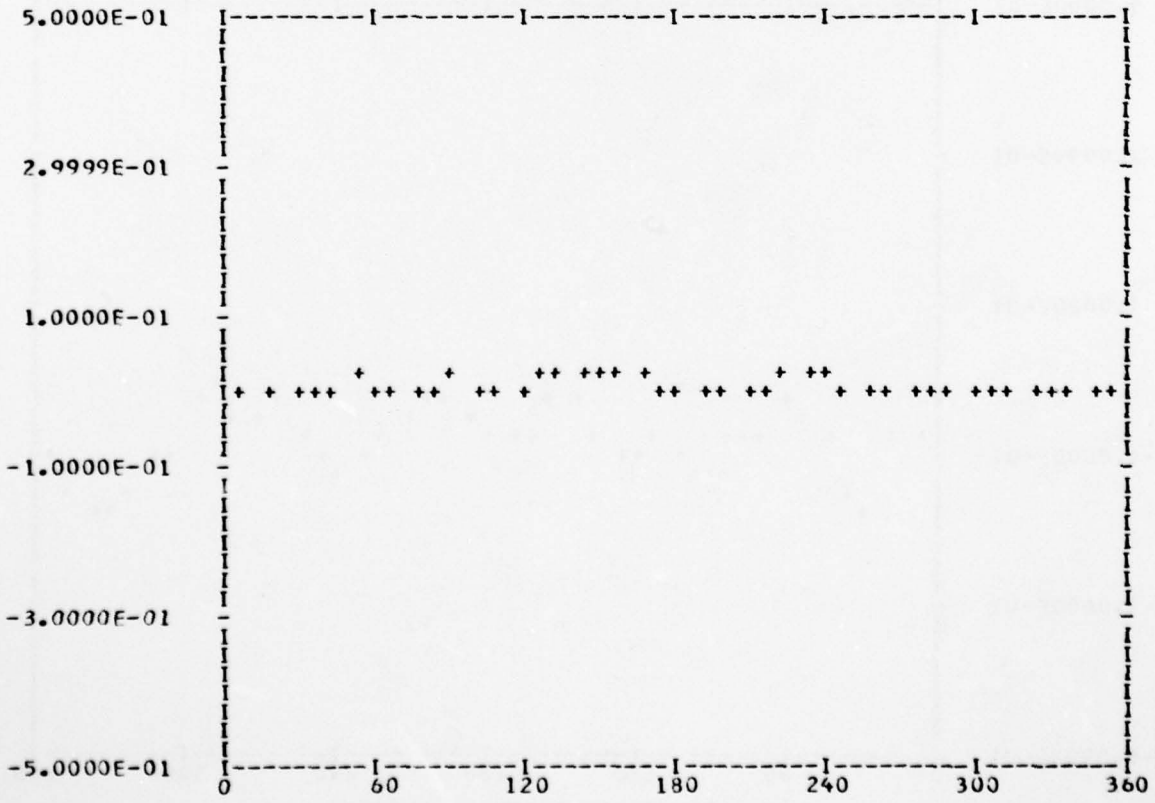
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.70471E-02	1	-0.38127E-02	0.61504E-02	0.72363E-02	328.2
	2	-0.13587E-02	-0.14397E-02	0.19796E-02	223.3
	3	0.25613E-02	-0.91518E-03	0.27198E-02	109.6
	4	-0.66497E-02	-0.49797E-03	0.66684E-02	265.7
	5	0.97239E-03	-0.18514E-03	0.98986E-03	100.7
	6	-0.44997E-03	0.37677E-03	0.58688E-03	309.9
	7	-0.21980E-03	0.72782E-03	0.76029E-03	343.1
	8	0.16254E-02	-0.23442E-02	0.28526E-02	145.2
	9	0.92059E-03	0.20395E-03	0.94291E-03	77.5
	10	-0.15834E-04	0.10495E-02	0.10496E-02	359.1

MAX= 0.29413E-01 MIN=-0.75403E-02 PEAK TO PEAK/2= 0.18476E-01



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

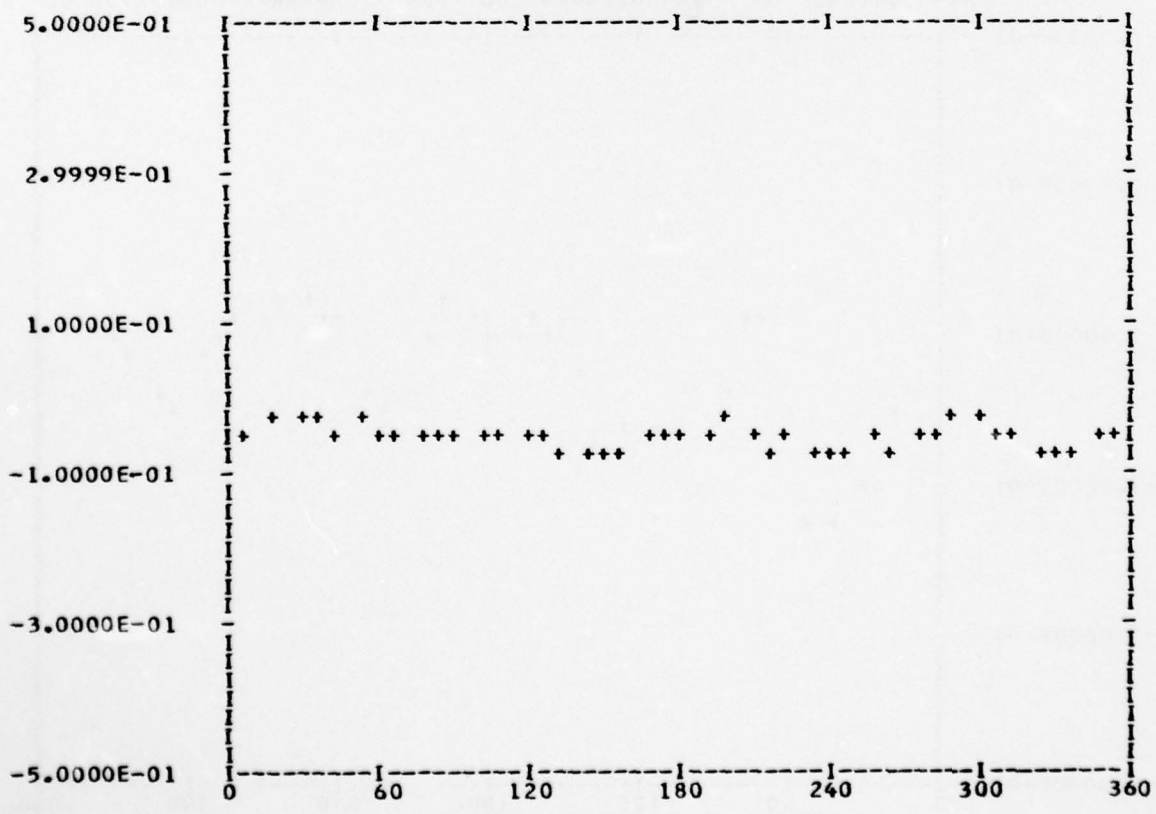
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 52

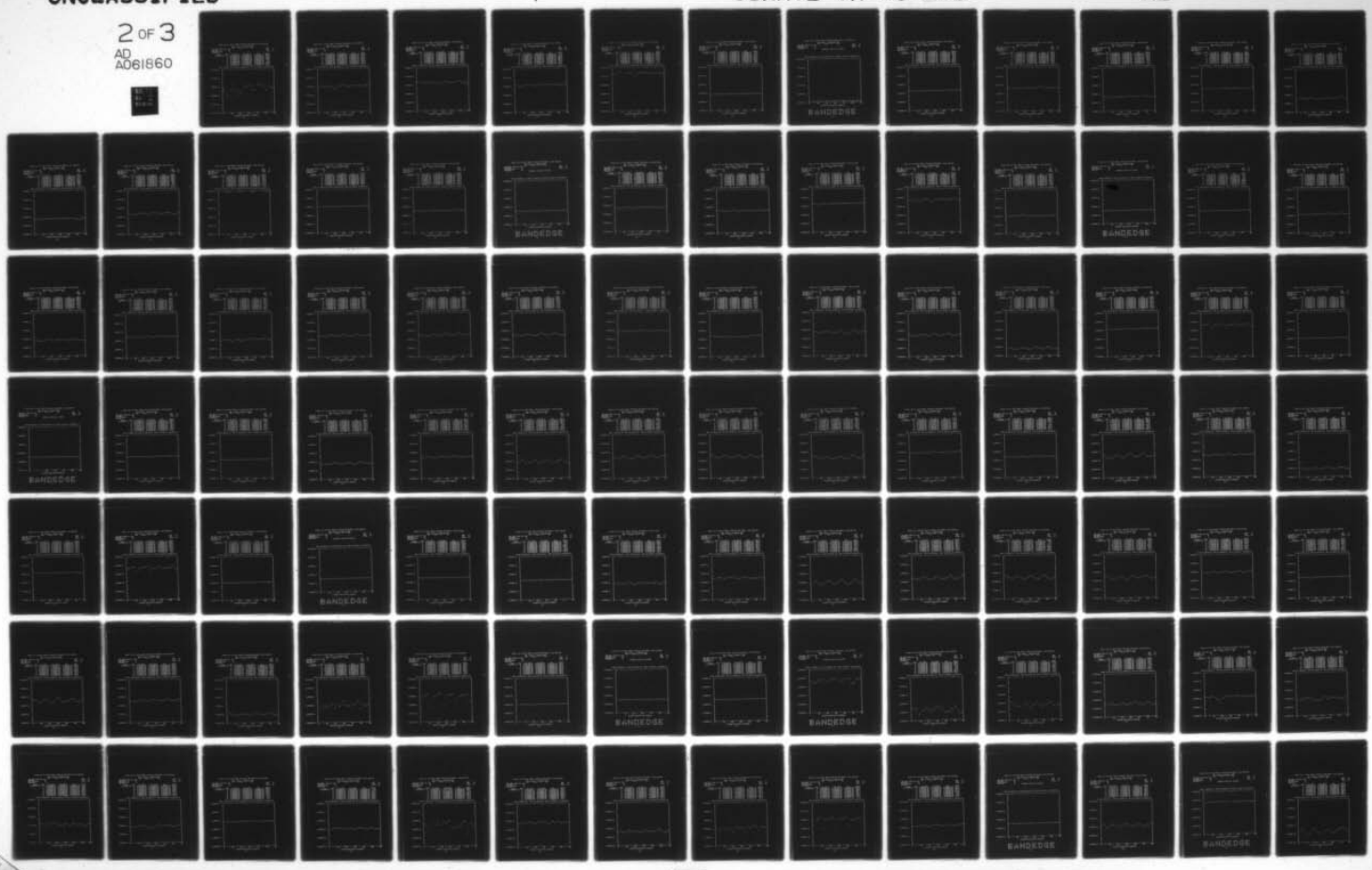
STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.54140E-01	1	0.64799E-02	0.36740E-02	0.74490E-02	60.4
	2	0.15958E-02	0.48320E-02	0.50887E-02	18.2
	3	-0.61394E-02	0.82693E-02	0.10299E-01	323.4
	4	0.88854E-02	0.69560E-02	0.11284E-01	51.9
	5	0.72954E-03	-0.10387E-02	0.12693E-02	144.9
	6	0.18591E-02	-0.20195E-02	0.27450E-02	137.3
	7	-0.20749E-02	-0.22151E-02	0.30351E-02	223.1
	8	-0.30201E-02	0.91818E-03	0.31566E-02	286.9
	9	-0.43053E-03	0.38028E-03	0.57443E-03	311.4
	10	-0.12864E-02	0.48323E-03	0.13742E-02	290.5

MAX=-0.20130E-01 MIN=-0.84000E-01 PEAK TO PEAK/2= 0.31934E-01



AD-A061 860 BOEING VERTOL CO PHILADELPHIA PA F/G 1/3
INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONFI--ETC(U)
SEP 78 P F SHERIDAN DAAJ02-77-C-0020
UNCLASSIFIED USARTL-TR-78-23B NL

2 OF 3
AD
A061860



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

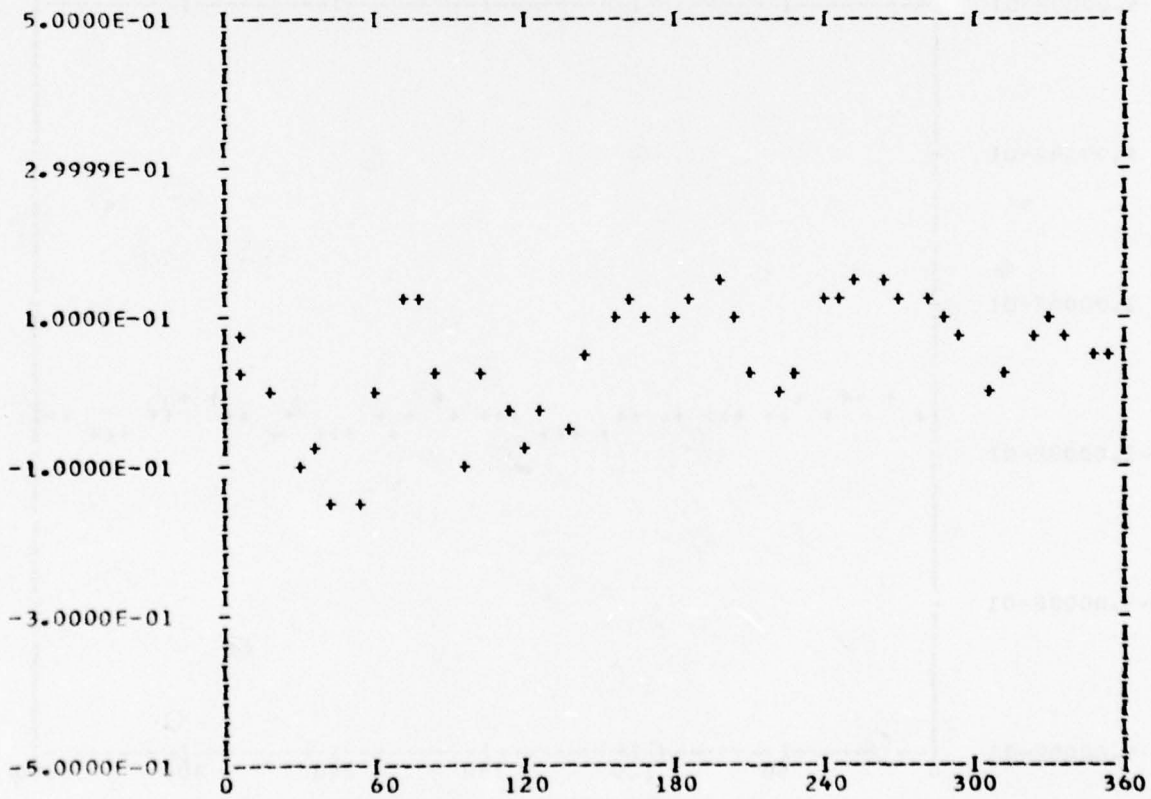
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.43676E-01	1	-0.38864E-01	-0.57829E-01	0.69675E-01	213.9
	2	-0.19780E-02	-0.14007E-01	0.14146E-01	188.0
	3	-0.14983E-01	-0.12823E-02	0.15038E-01	265.1
	4	0.25660E-01	-0.63006E-01	0.68031E-01	157.8
	5	0.12250E-01	-0.76750E-02	0.14456E-01	122.0
	6	0.20337E-01	0.17256E-01	0.26672E-01	49.6
	7	0.74225E-03	0.14305E-01	0.14325E-01	2.9
	8	-0.52870E-02	0.26520E-01	0.27042E-01	348.7
	9	-0.46530E-02	-0.21592E-01	0.22088E-01	192.1
	10	0.99660E-02	-0.13499E-01	0.16779E-01	143.5

MAX= 0.16241E 00 MIN=-0.14309E 00 PEAK TO PEAK/2= 0.15275E 00



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

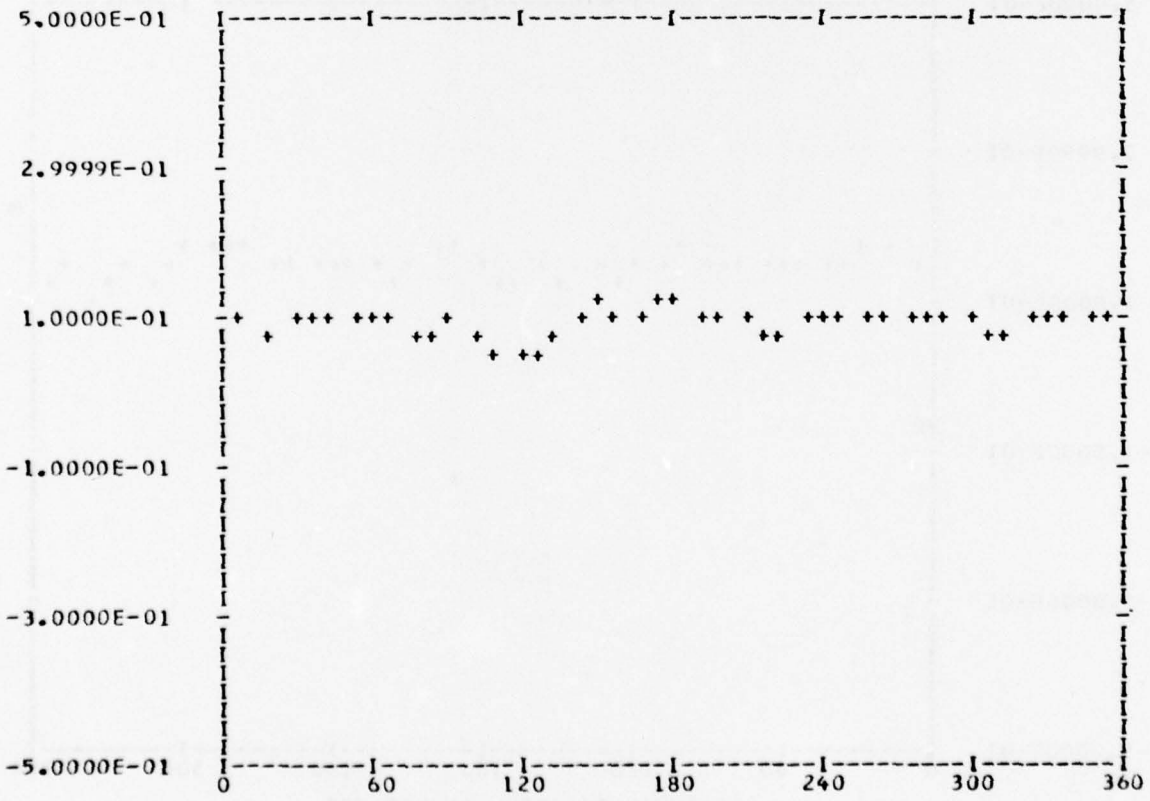
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.95433E-01	1	-0.30150E-03	-0.66690E-02	0.66758E-02	182.5
	2	0.98600E-02	-0.68842E-03	0.98840E-02	93.9
	3	-0.92778E-03	0.85446E-02	0.85949E-02	353.8
	4	-0.30743E-02	-0.95663E-02	0.10048E-01	197.8
	5	0.39878E-03	-0.89132E-04	0.40862E-03	102.5
	6	-0.35071E-02	0.14978E-02	0.38135E-02	293.1
	7	-0.28109E-02	-0.76056E-03	0.29120E-02	254.8
	8	0.54465E-02	-0.50196E-03	0.54696E-02	95.2
	9	0.68831E-03	-0.68790E-03	0.97313E-03	134.9
	10	-0.25353E-02	-0.31287E-02	0.40270E-02	219.0

MAX= 0.12255E 00 MIN= 0.59672E-01 PEAK TO PEAK/2= 0.31442E-01



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

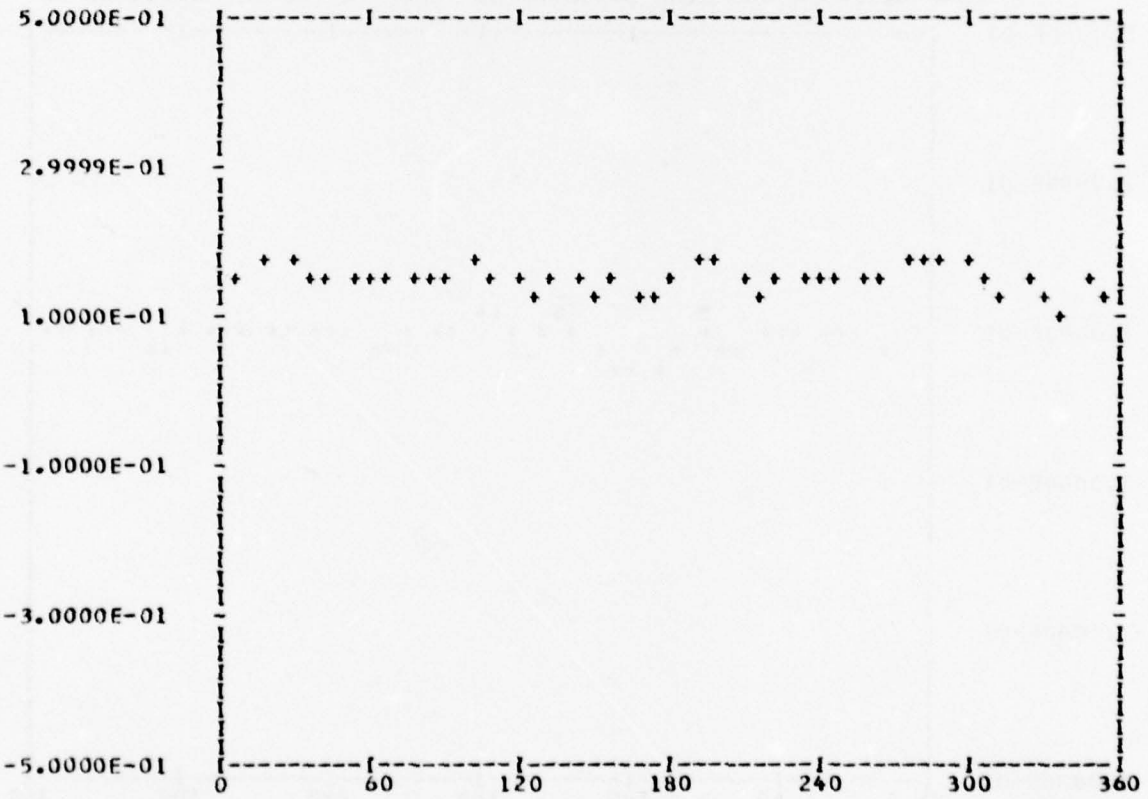
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 9
TP 3
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.14986E 00	1	-0.11467E-02	-0.70875E-03	0.13480E-02	238.2
	2	-0.33402E-02	0.10162E-01	0.10697E-01	341.8
	3	-0.84321E-03	0.36855E-02	0.37807E-02	347.1
	4	0.15206E-01	0.38131E-02	0.15677E-01	75.9
	5	0.28942E-05	-0.32642E-03	0.32643E-03	179.4
	6	0.11675E-02	0.32012E-02	0.34075E-02	20.0
	7	-0.63036E-02	0.90844E-03	0.63687E-02	278.2
	8	0.36906E-02	0.37749E-02	0.52793E-02	44.3
	9	-0.34438E-02	-0.11380E-02	0.36269E-02	251.7
	10	-0.19662E-03	-0.61731E-03	0.64786E-03	197.6

MAX= 0.18102E 00 MIN= 0.11000E 00 PEAK TO PEAK/2= 0.35509E-01



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

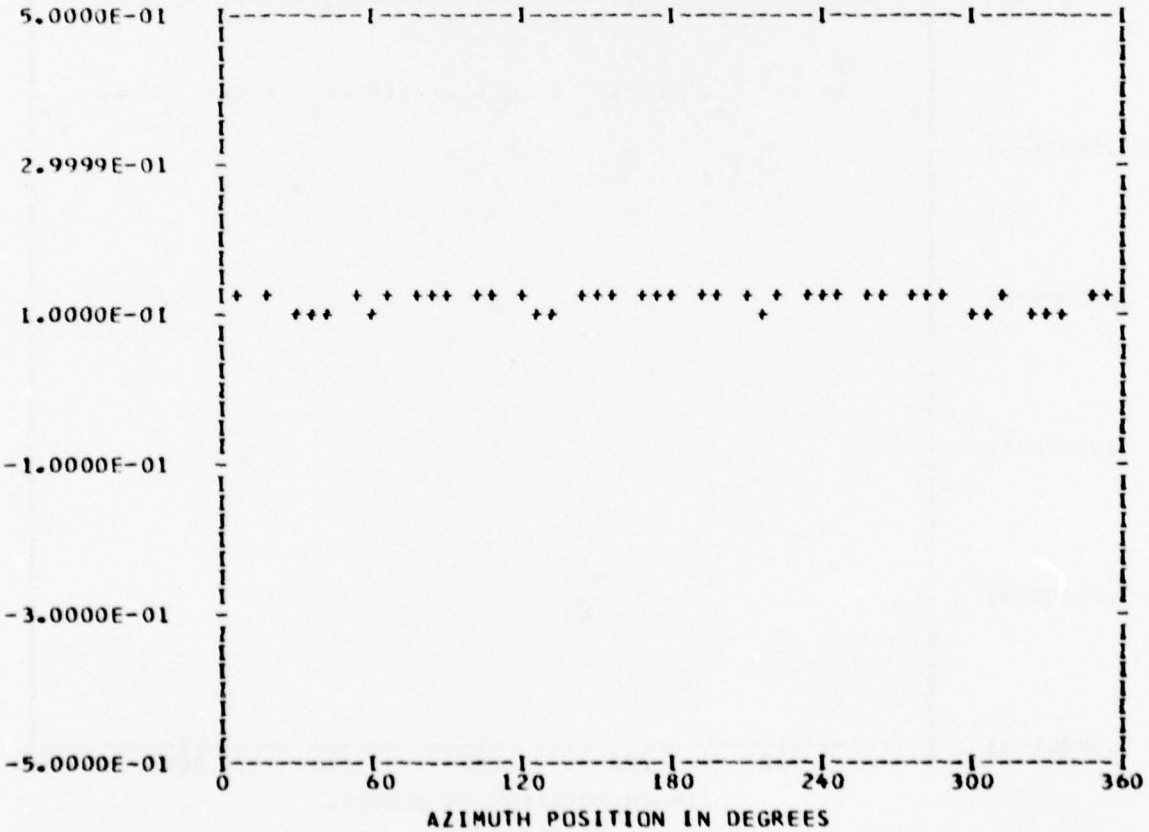
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.11331E 00	1	-0.14152E-02	-0.36741E-03	0.14621E-02	255.4
	2	0.35996E-03	0.69814E-03	0.78548E-03	27.2
	3	0.79685E-03	-0.59923E-03	0.99702E-03	126.9
	4	0.13466E-02	-0.23317E-02	0.26927E-02	149.9
	5	-0.78957E-04	-0.11632E-02	0.11659E-02	183.8
	6	-0.71850E-04	0.56607E-04	0.91470E-04	308.2
	7	0.27280E-03	-0.25871E-03	0.37597E-03	133.4
	8	0.15261E-02	-0.26115E-03	0.15483E-02	99.7
	9	-0.95563E-04	-0.90433E-05	0.95990E-04	264.5
	10	-0.39237E-03	0.25568E-03	0.46832E-03	303.0

MAX= 0.11720E 00 MIN= 0.98790E-01 PEAK TO PEAK/2= 0.92093E-02



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

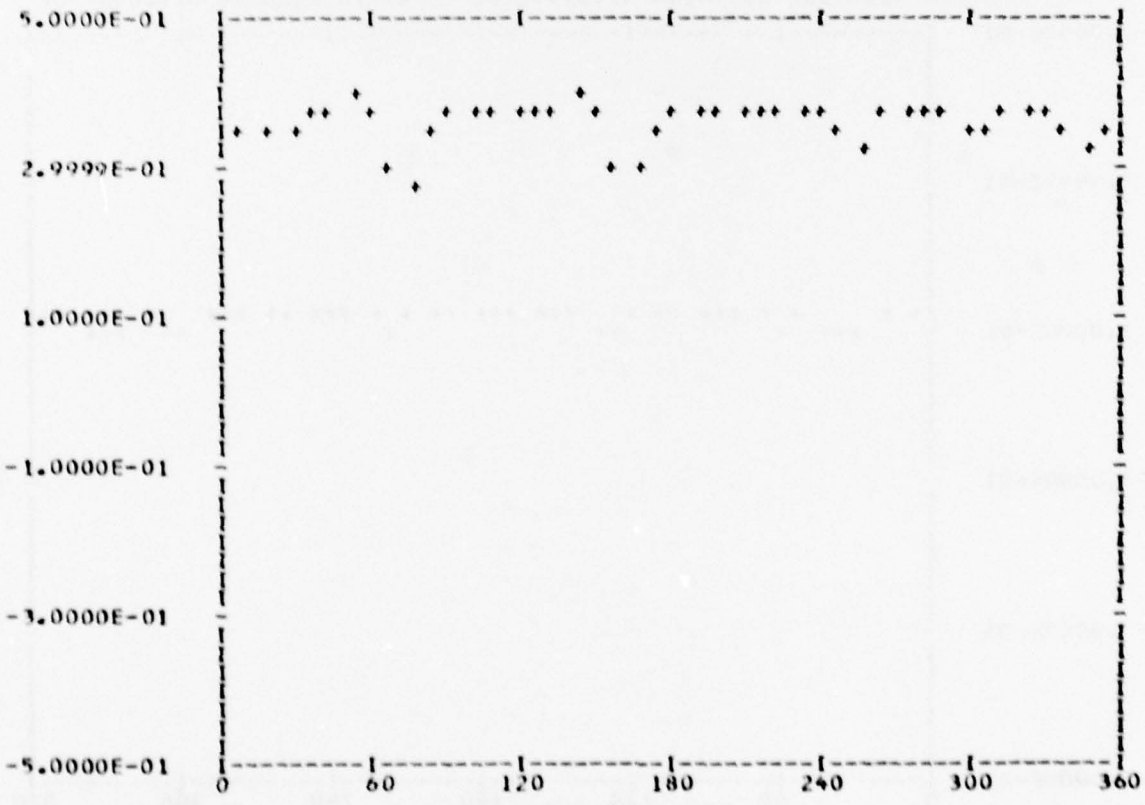
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.35896E 00	1	-0.55261E-03	-0.28667E-02	0.29194E-02	190.9
	2	-0.25682E-02	0.91430E-03	0.27261E-02	289.5
	3	0.60091E-02	-0.29550E-02	0.66964E-02	116.1
	4	-0.32245E-02	0.17872E-01	0.18161E-01	349.7
	5	-0.81026E-02	-0.10460E-02	0.81699E-02	262.6
	6	-0.42469E-03	0.24020E-03	0.48791E-03	299.4
	7	-0.45288E-02	-0.48352E-02	0.66249E-02	223.1
	8	0.19910E-01	-0.89127E-02	0.21076E-01	109.1
	9	0.10191E-02	0.80109E-02	0.81135E-02	11.4
	10	0.44318E-03	-0.35522E-03	0.71041E-03	141.4

MAX= 0.39277E 00 MIN= 0.28575E 00 PEAK TO PEAK/2= 0.53513E-01



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

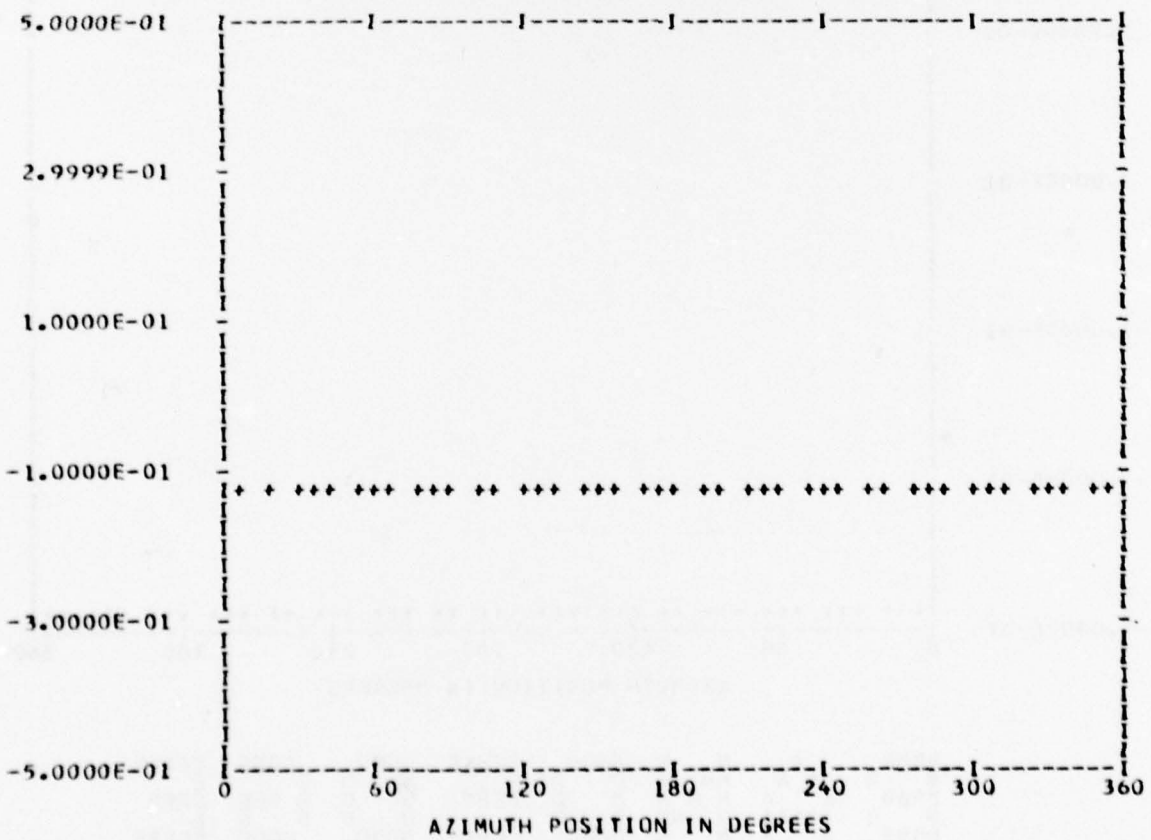
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12293E 00	1	0.56039E-03	0.70685E-03	0.90204E-03	38.4
	2	0.97912E-04	0.36697E-03	0.37980E-03	14.9
	3	0.17677E-03	-0.42091E-03	0.45652E-03	157.2
	4	0.15847E-05	0.20789E-03	0.20790E-03	0.4
	5	-0.36058E-03	0.17721E-03	0.40177E-03	296.1
	6	-0.11050E-03	-0.82958E-04	0.13818E-03	233.1
	7	-0.64510E-04	0.25356E-03	0.26164E-03	345.7
	8	-0.93597E-03	-0.12761E-03	0.94463E-03	262.2
	9	0.17263E-03	0.37762E-04	0.17671E-03	77.6
	10	-0.12467E-03	0.32095E-03	0.34432E-03	338.7

MAX=-0.11957E 00 MIN=-0.12545E 00 PEAK TO PEAK/2= 0.29391E-02



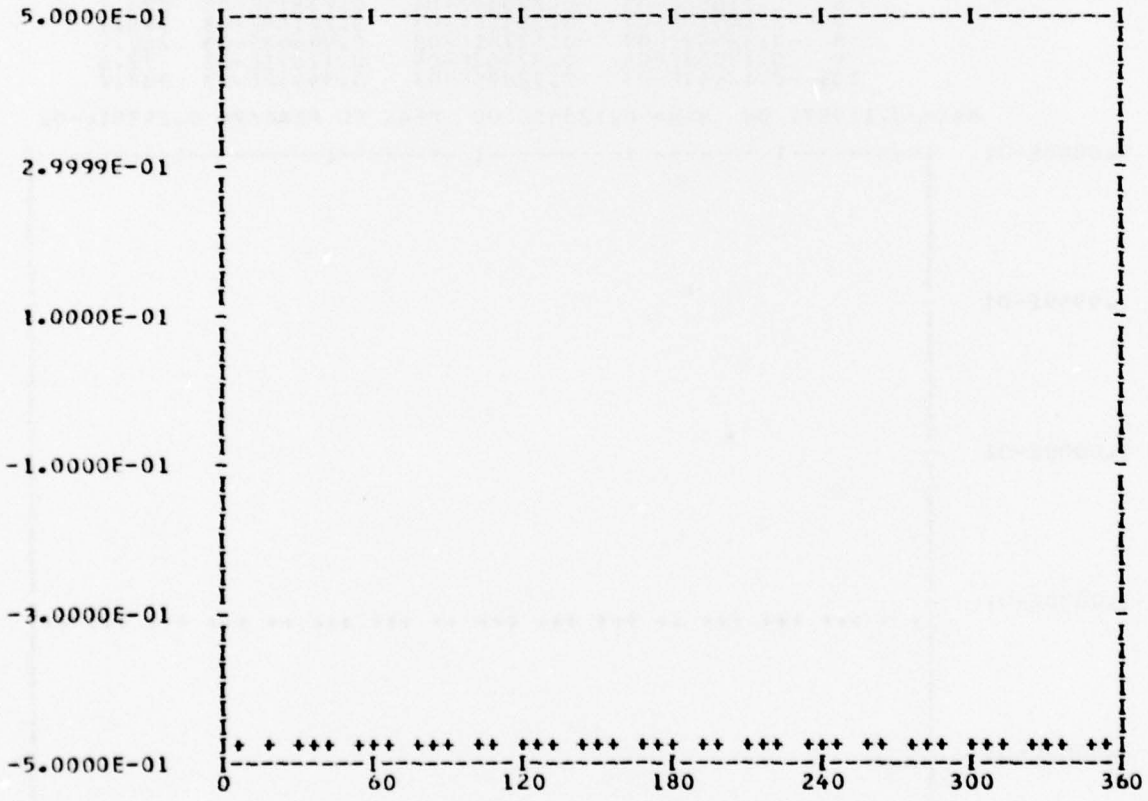
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			
ENTERED	44	RUN	10
OUT OF RANGE	0	TP	2
BANDEDGE	44	CHAN	51

HARMONIC ANALYSIS SKIPPED

MAX=-0.48550E 00 MIN=-0.48550E 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---MID SECTION

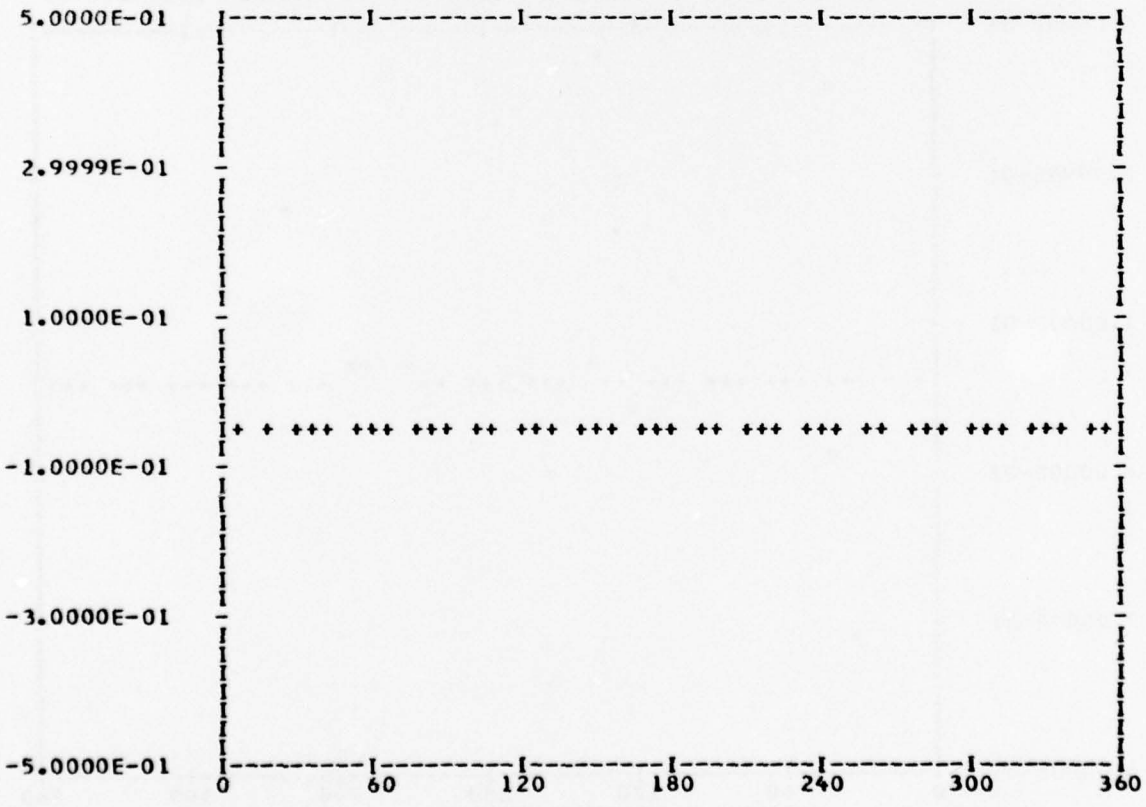
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
IP 2
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.51613E-01	1	0.12503E-04	-0.50038E-04	0.51576E-04	165.9
	2	-0.14659E-04	0.10255E-04	0.17891E-04	304.9
	3	0.84381E-04	0.46579E-04	0.96384E-04	61.1
	4	0.42356E-04	0.98948E-05	0.43496E-04	76.8
	5	0.10850E-04	0.21574E-05	0.11062E-04	78.7
	6	0.51740E-04	0.12377E-05	0.51755E-04	88.6
	7	0.86842E-05	0.19522E-04	0.21367E-04	23.9
	8	-0.30505E-04	-0.32648E-04	0.44682E-04	223.0
	9	0.28982E-04	-0.40034E-04	0.49424E-04	144.0
	10	-0.42669E-05	-0.60643E-04	0.60792E-04	184.0

MAX=-0.51288E-01 MIN=-0.51935E-01 PEAK TO PEAK/2= 0.32352E-03



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

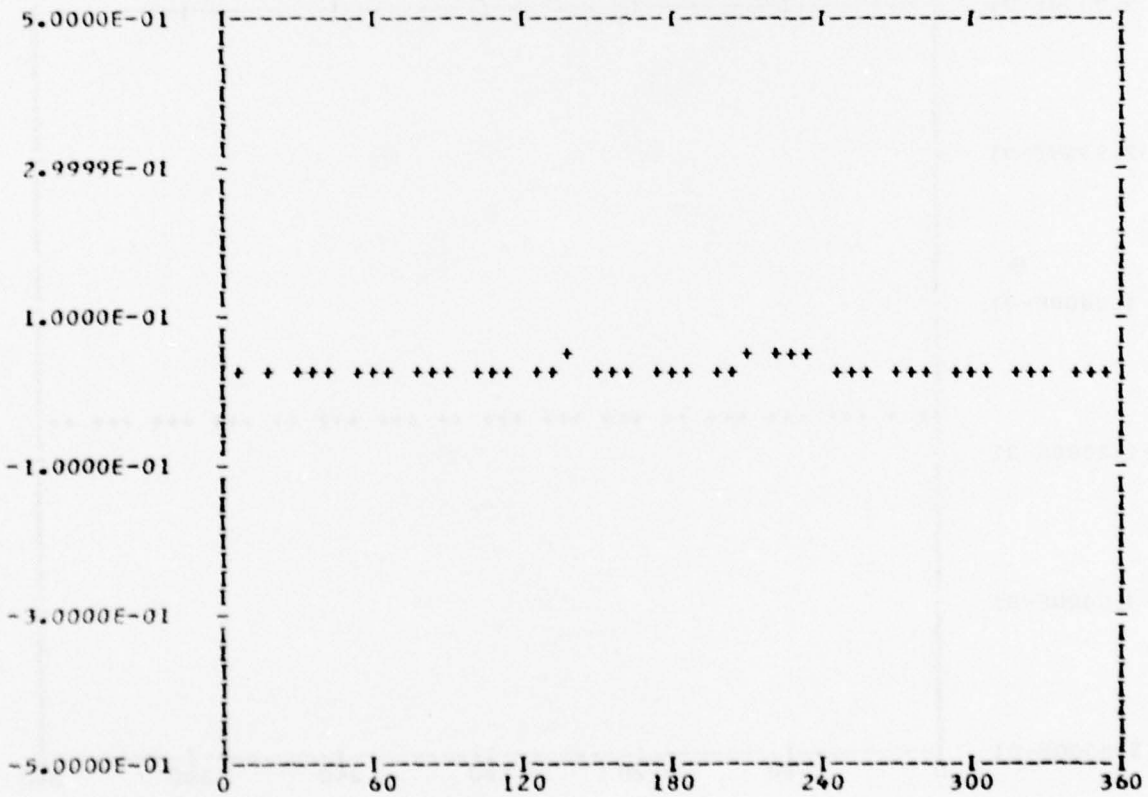
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.30232E-01	1	-0.52377E-02	-0.25978E-02	0.58466E-02	243.6
	2	-0.83984E-03	0.11691E-02	0.14394E-02	324.3
	3	0.91550E-03	0.15982E-02	0.18418E-02	29.8
	4	-0.19857E-02	0.32668E-02	0.38230E-02	328.7
	5	-0.96217E-03	-0.17159E-02	0.19673E-02	209.2
	6	-0.22499E-03	-0.15782E-03	0.27483E-03	234.9
	7	-0.90735E-03	0.65655E-04	0.90972E-03	274.1
	8	0.28217E-03	0.56484E-03	0.63140E-03	26.5
	9	0.11498E-03	0.60965E-03	0.62040E-03	10.6
	10	-0.41437E-03	0.10286E-03	0.42695E-03	283.9

MAX= 0.38977E-01 MIN= 0.17118E-01 PEAK TO PEAK/2= 0.10929E-01



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

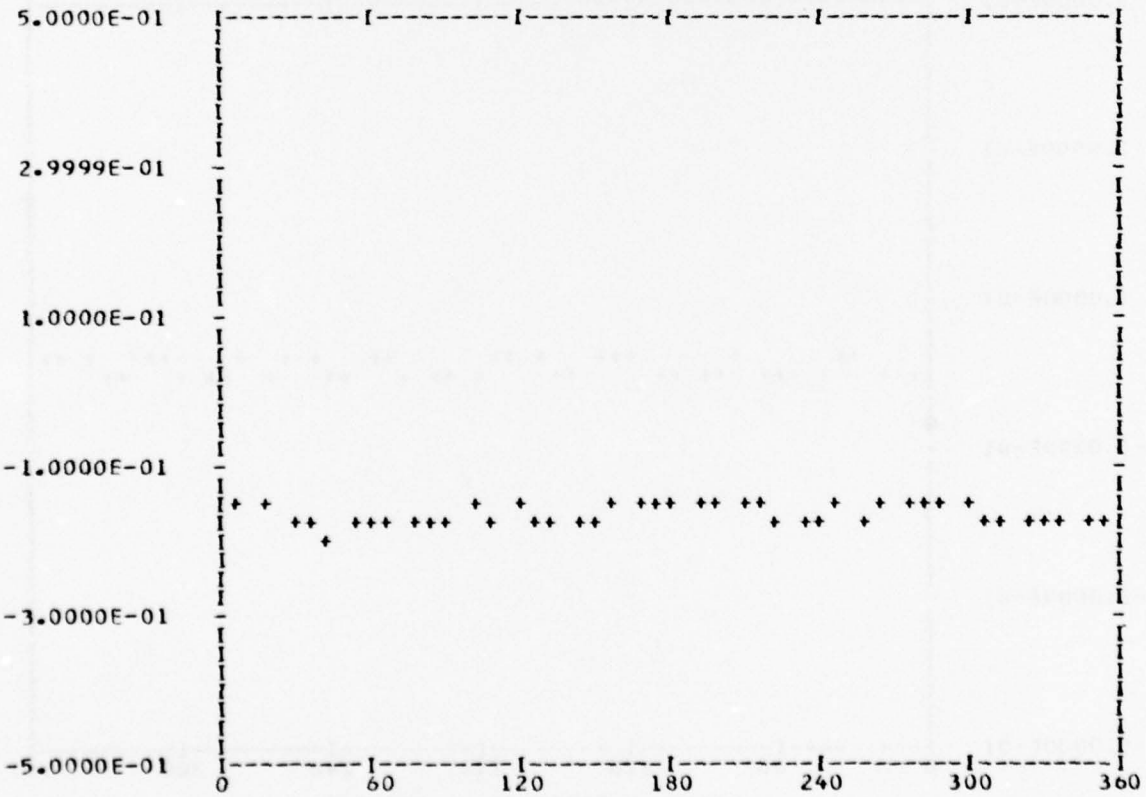
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16562E 00	1	-0.61933E-02	-0.45571E-02	0.76892E-02	233.6
	2	-0.35844E-03	-0.40368E-03	0.53985E-03	221.6
	3	-0.17733E-02	0.85364E-03	0.19681E-02	295.7
	4	0.95524E-02	-0.86671E-03	0.95917E-02	95.1
	5	0.12117E-02	0.44673E-03	0.12914E-02	69.7
	6	-0.59302E-04	-0.27312E-03	0.27949E-03	192.2
	7	0.23591E-02	0.10463E-02	0.25807E-02	66.0
	8	0.40450E-04	0.38972E-02	0.38974E-02	0.5
	9	0.13080E-02	-0.51380E-04	0.13091E-02	92.2
	10	0.93379E-04	0.59749E-03	0.60474E-03	8.8

MAX=-0.14802E 00 MIN=-0.18865E 00 PEAK TO PEAK/2= 0.20315E-01



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

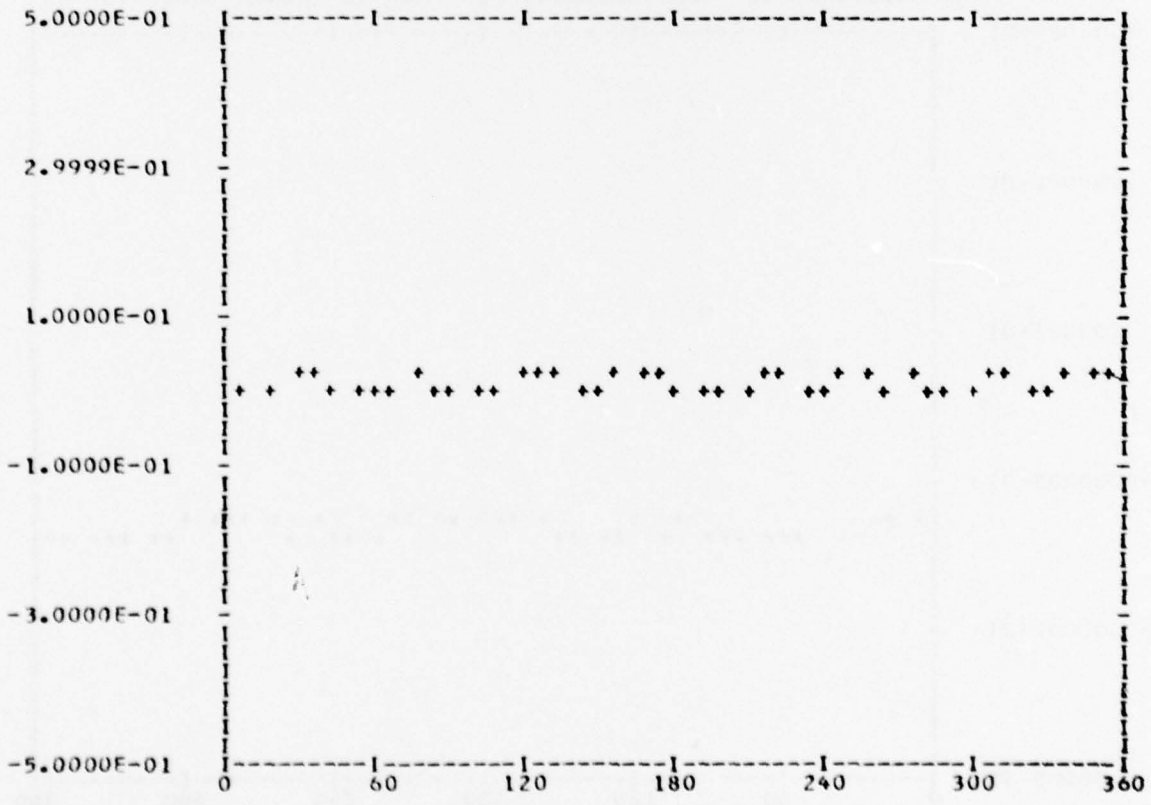
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.11650E-01	1	-0.40158E-03	-0.53526E-04	0.40513E-03	262.4
	2	0.46219E-03	-0.72979E-03	0.86384E-03	147.6
	3	0.16018E-02	-0.96602E-03	0.18706E-02	121.0
	4	0.10862E-02	0.36751E-04	0.10868E-02	88.0
	5	0.44651E-03	-0.13580E-03	0.46670E-03	106.9
	6	-0.26597E-03	-0.27096E-03	0.37968E-03	224.4
	7	-0.17641E-03	0.41363E-04	0.18119E-03	283.1
	8	-0.41050E-02	0.48302E-03	0.41333E-02	276.7
	9	-0.86712E-03	-0.34671E-03	0.93387E-03	248.2
	10	-0.43113E-03	-0.63000E-04	0.43571E-03	261.6

MAX= 0.19190E-01 MIN= 0.13189E-03 PEAK TO PEAK/2= 0.95292E-02



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

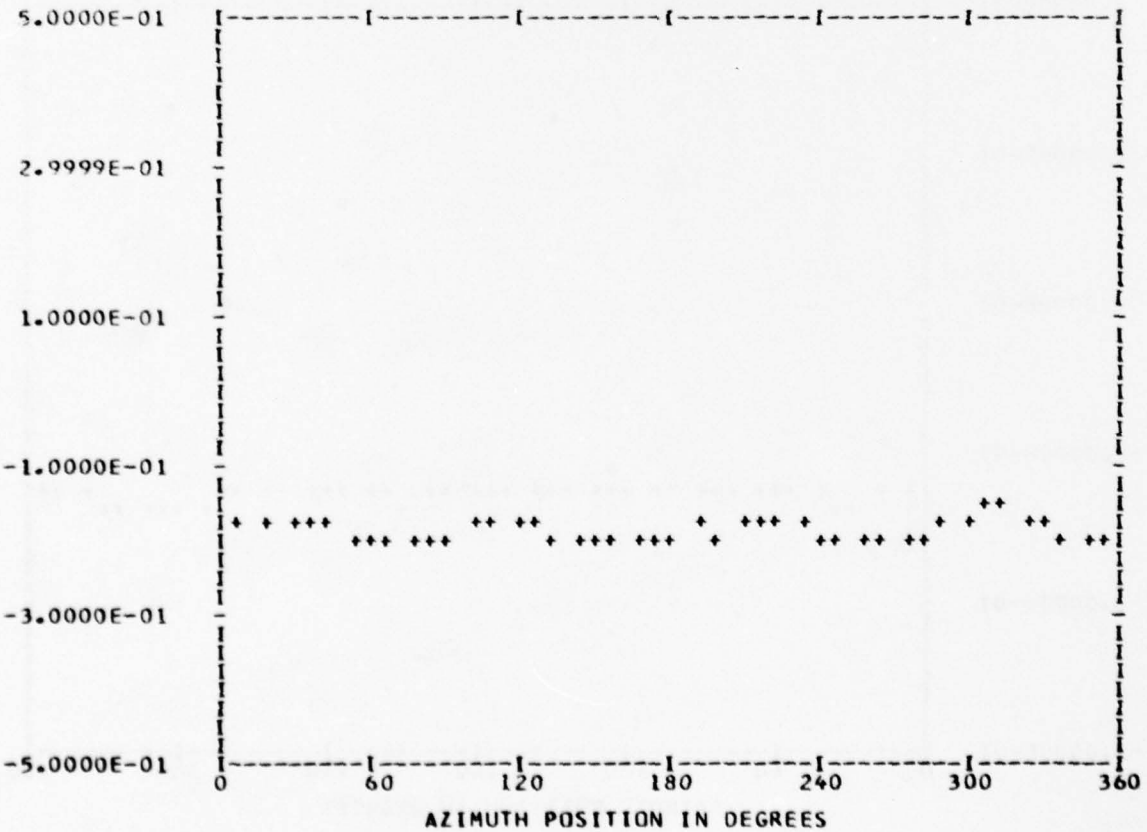
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.18669E 00	1	0.67113E-03	-0.28739E-02	0.29512E-02	166.8
	2	-0.67108E-03	-0.81513E-04	0.67602E-03	263.0
	3	-0.18881E-02	-0.23127E-02	0.29856E-02	219.2
	4	-0.10839E-02	0.10791E-01	0.10845E-01	354.2
	5	0.16567E-02	0.39011E-02	0.42383E-02	23.0
	6	-0.65356E-03	-0.63618E-03	0.91207E-03	225.7
	7	0.26425E-02	0.48162E-03	0.26860E-02	79.6
	8	-0.29314E-02	-0.14828E-02	0.32851E-02	243.1
	9	-0.19019E-02	-0.10465E-02	0.21708E-02	241.1
	10	0.39566E-03	0.21170E-03	0.44874E-03	61.8

MAX=-0.16184E 00 MIN=-0.20059E 00 PEAK TO PEAK/2= 0.19377E-01



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

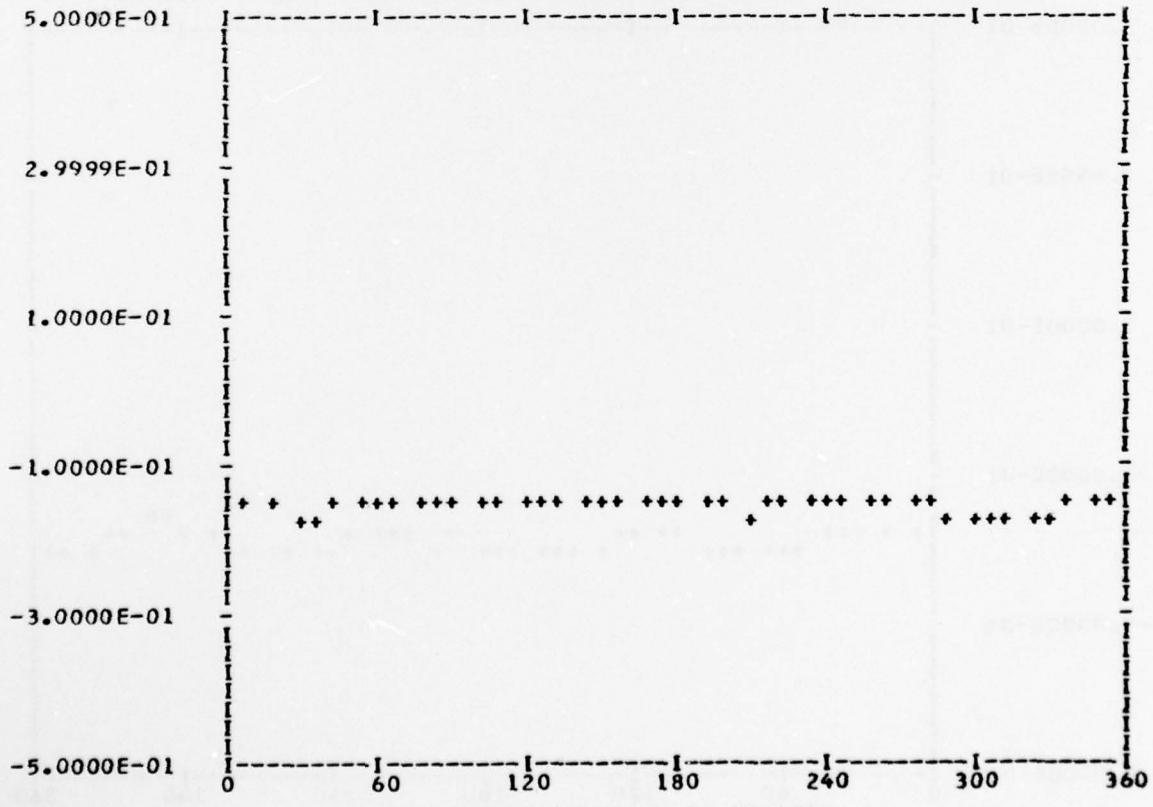
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15635E 00	1	-0.26360E-02	0.21737E-02	0.34167E-02	309.5
	2	0.41349E-03	0.82334E-03	0.92134E-03	26.6
	3	-0.66198E-03	0.82047E-03	0.10542E-02	321.1
	4	0.31177E-02	-0.70392E-02	0.76987E-02	156.1
	5	-0.57943E-04	0.27553E-03	0.28155E-03	348.1
	6	-0.23274E-03	0.41192E-03	0.47313E-03	330.5
	7	0.57081E-03	0.10007E-03	0.57952E-03	80.0
	8	-0.61194E-03	-0.28215E-02	0.28871E-02	192.2
	9	0.23196E-03	0.68150E-03	0.71989E-03	18.7
	10	0.83540E-03	0.38797E-03	0.92109E-03	65.0

MAX=-0.14193E 00 MIN=-0.16609E 00 PEAK TO PEAK/2= 0.12080E-01



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

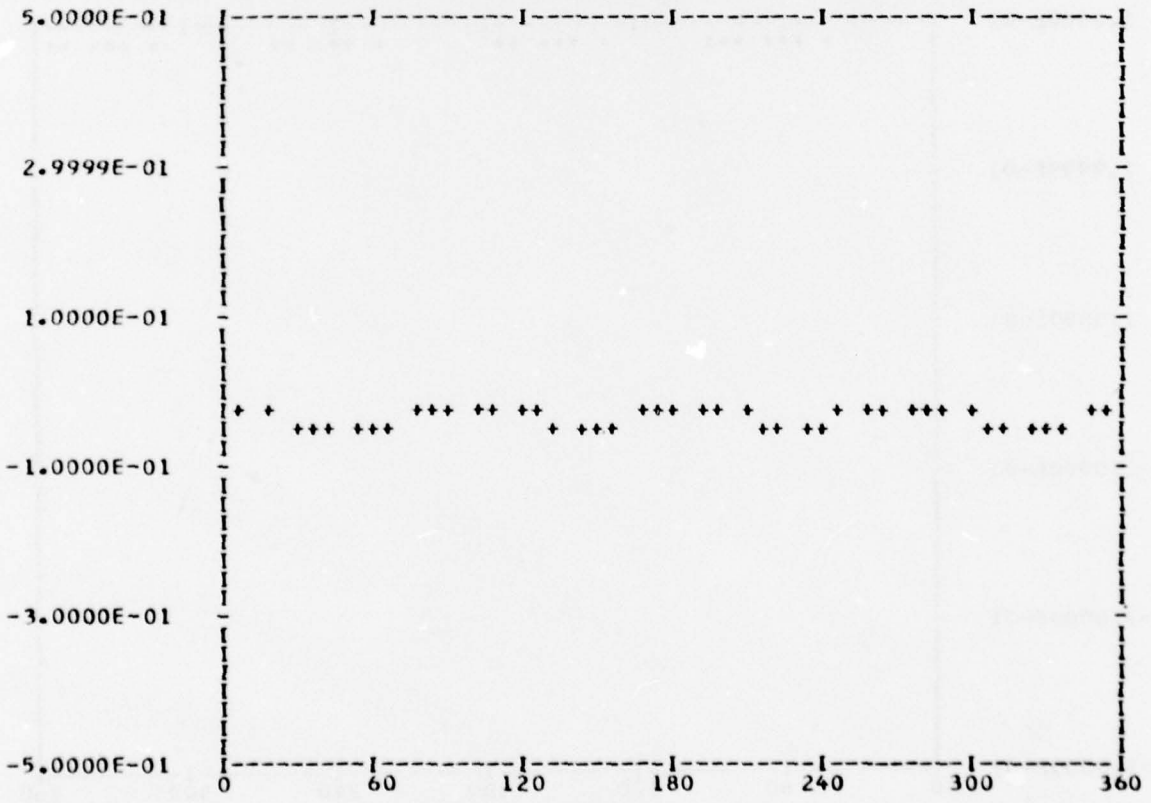
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.33773E-01	1	-0.22919E-02	-0.94880E-04	0.22939E-02	267.6
	2	-0.21971E-02	-0.39262E-03	0.22319E-02	259.8
	3	0.53351E-03	-0.14123E-02	0.15097E-02	159.3
	4	0.13899E-01	0.96632E-03	0.13933E-01	86.0
	5	-0.11674E-02	0.77324E-03	0.14003E-02	303.5
	6	0.62404E-03	0.47205E-04	0.62582E-03	85.6
	7	0.40298E-03	0.69371E-03	0.80227E-03	30.1
	8	0.18231E-02	0.97227E-03	0.20661E-02	61.9
	9	0.68282E-03	-0.23198E-04	0.68322E-03	91.9
	10	-0.66269E-04	0.86041E-03	0.86296E-03	355.5

MAX=-0.14782E-01 MIN=-0.48356E-01 PEAK TO PEAK/2= 0.16787E-01



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

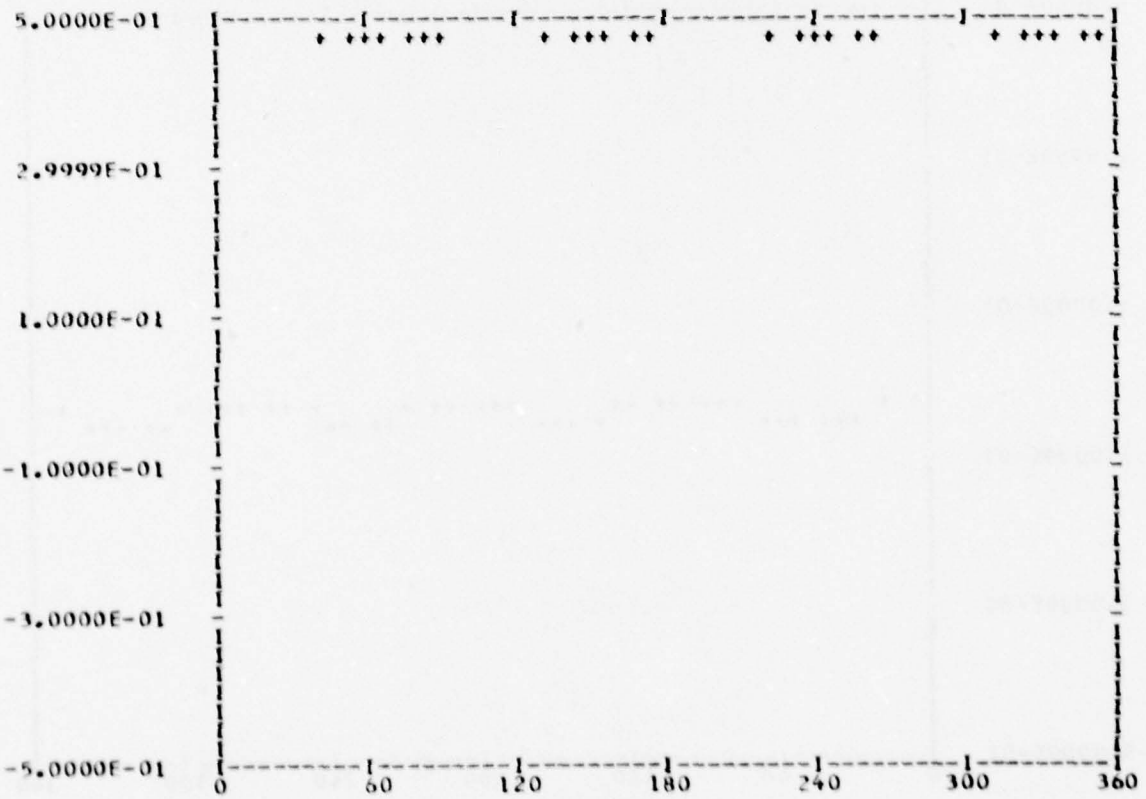
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 6
BANDEDGE 0

RUN 10
IP 2
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.48698E 00	1	-0.69945E-05	-0.41378E-03	0.41384E-03	180.9
	2	0.14677E-04	0.17881E-02	0.17881E-02	0.4
	3	-0.61178E-03	0.67809E-05	0.61182E-03	270.6
	4	0.10371E-01	0.85206E-02	0.13422E-01	50.5
	5	0.11262E-02	-0.10378E-02	0.15315E-02	132.6
	6	0.11611E-02	0.58110E-03	0.12984E-02	63.4
	7	0.51484E-03	0.11293E-02	0.12412E-02	24.5
	8	0.87630E-03	0.19796E-02	0.21649E-02	23.8
	9	0.21007E-03	-0.45759E-03	0.50350E-03	155.3
	10	0.50750E-05	0.29531E-03	0.29535E-03	0.9

MAX= 0.50599E 00 MIN= 0.47163E 00 PEAK TO PEAK/2= 0.17182E-01



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

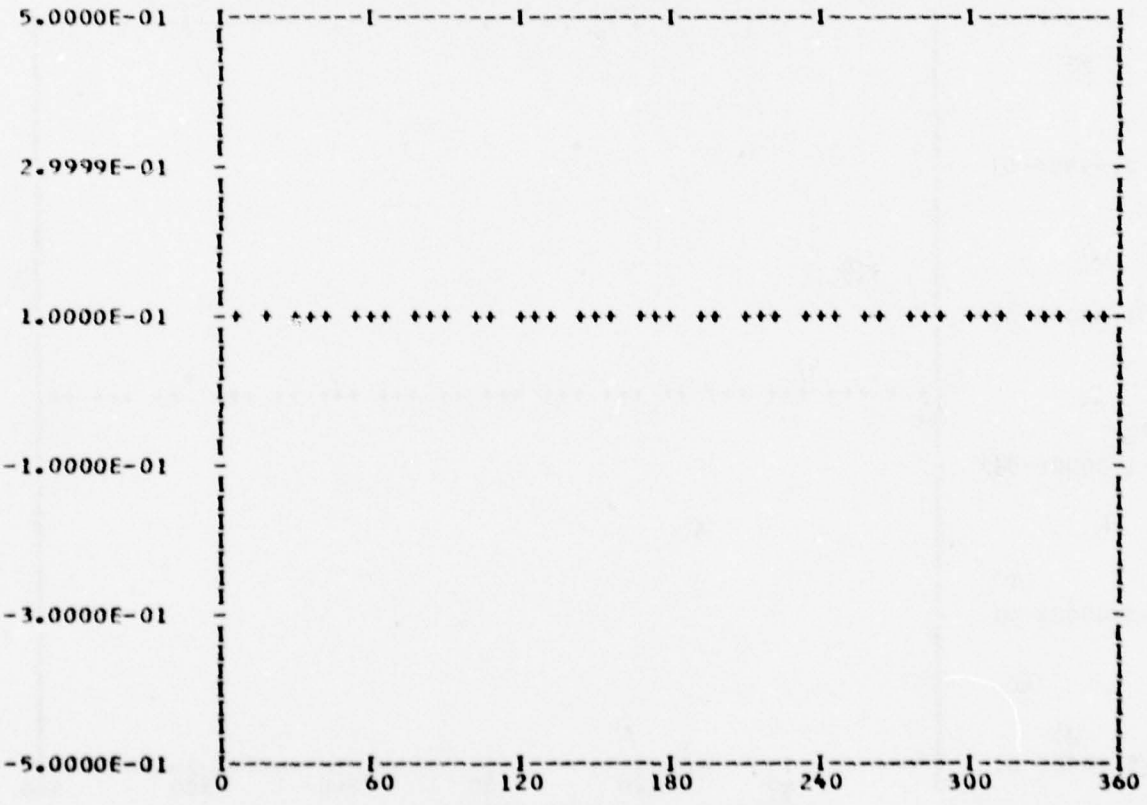
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.10314E 00	1	0.89839E-04	0.14206E-02	0.14235E-02	3.6
	2	0.39752E-03	-0.70636E-03	0.81054E-03	150.6
	3	0.87678E-03	0.36985E-03	0.95159E-03	67.1
	4	0.38842E-03	-0.37336E-02	0.37538E-02	174.0
	5	-0.35145E-03	0.95161E-04	0.36410E-03	285.1
	6	-0.33163E-03	-0.12809E-03	0.35551E-03	248.8
	7	0.15514E-03	0.10274E-03	0.18608E-03	56.4
	8	-0.19080E-03	-0.22471E-03	0.29479E-03	220.3
	9	-0.26884E-05	-0.36083E-03	0.36084E-03	180.4
	10	0.30764E-03	0.18325E-03	0.35808E-03	59.2

MAX= 0.10913E 00 MIN= 0.95951E-01 PEAK TO PEAK/2= 0.65905E-02



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

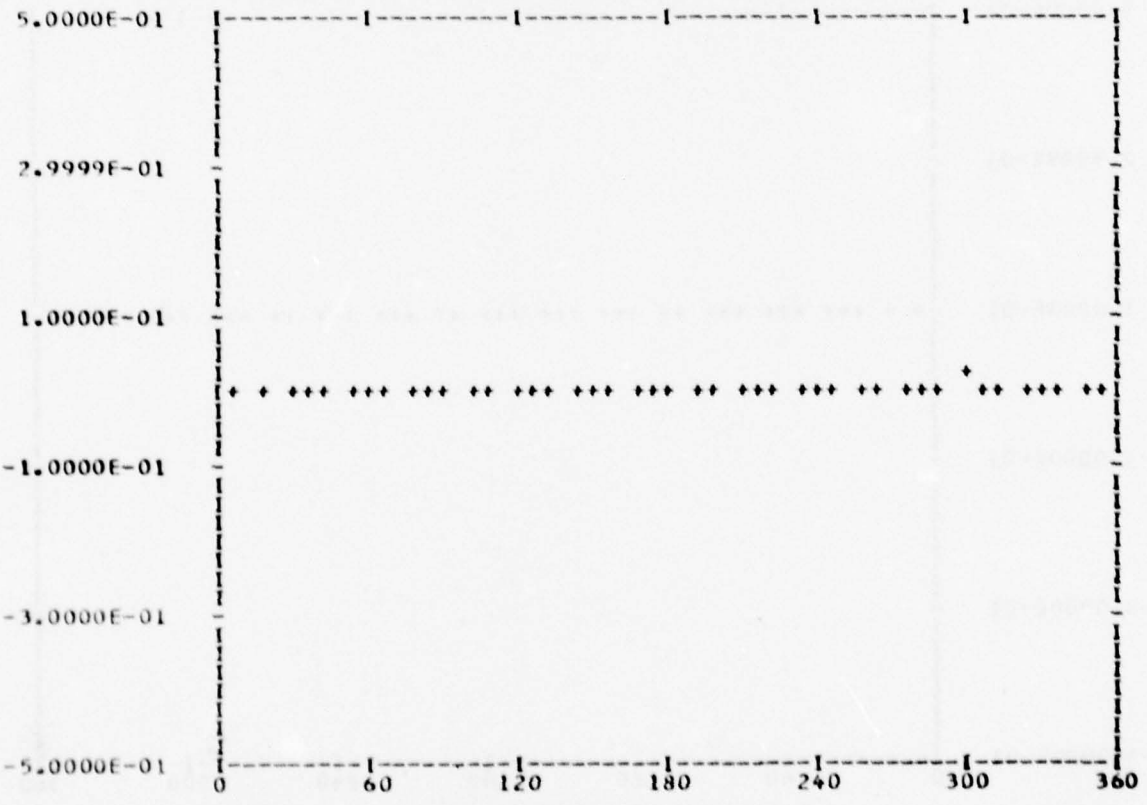
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24469E-02	1	-0.53444E-04	-0.34715E-02	0.34719E-02	180.8
	2	-0.10099E-02	-0.45718E-03	0.11086E-02	245.6
	3	0.50771E-03	-0.74247E-03	0.89946E-03	145.6
	4	0.31411E-02	0.56710E-02	0.64828E-02	28.9
	5	0.19899E-03	0.18632E-03	0.27261E-03	46.8
	6	-0.18833E-03	0.26111E-03	0.32195E-03	324.1
	7	0.56896E-04	0.30271E-03	0.30801E-03	10.6
	8	0.31077E-03	-0.91896E-03	0.97009E-03	161.3
	9	0.33504E-03	-0.15548E-03	0.36936E-03	114.8
	10	0.18017E-03	-0.16771E-03	0.24615E-03	132.9

MAX= 0.12566E-01 MIN=-0.11285E-01 PEAK TO PEAK/2= 0.11925E-01



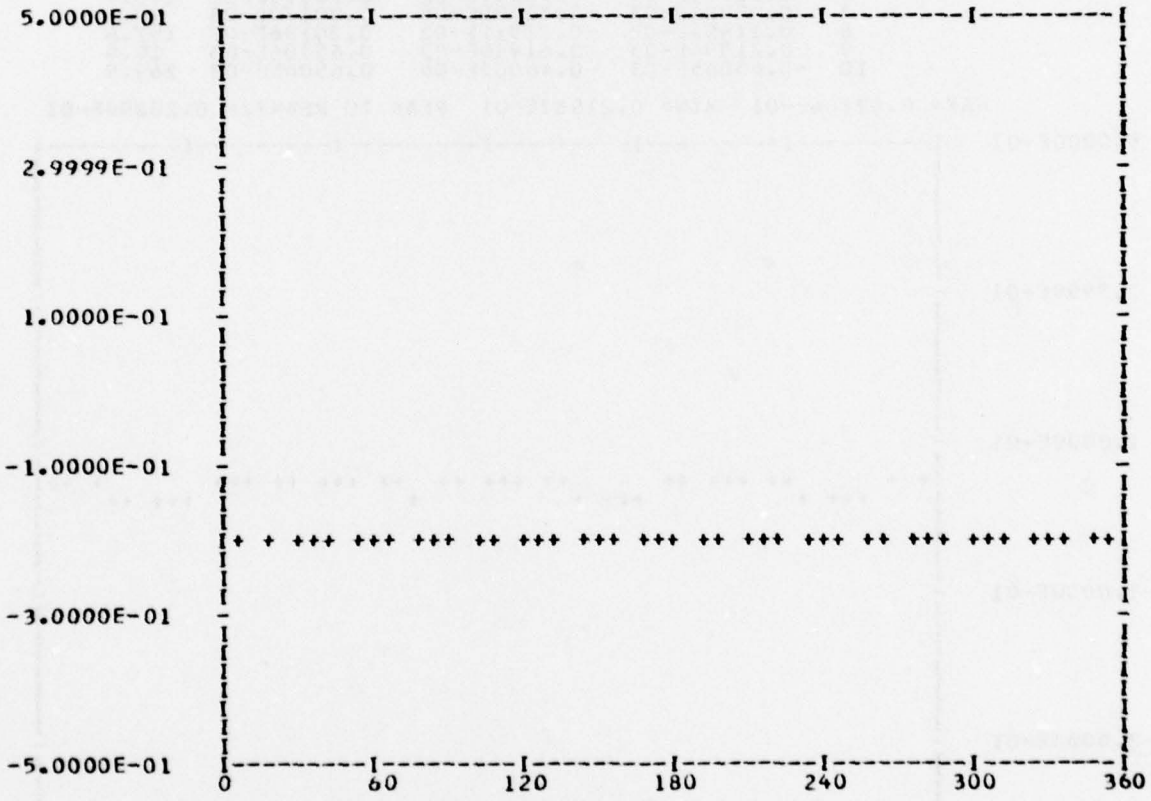
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	10
ENTERED	44	TP	2
OUT OF RANGE	0	CHAN	46
BANDEDGE	42		

HARMONIC ANALYSIS SKIPPED

MAX=-0.20952E 00 MIN=-0.21094E 00 PEAK TO PEAK/2= 0.70673E-03

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8888   A   A  N N N  D   D  EEEE   D   D  G GGG  EEEE
8   8  AAAAA  N  NN  D   D  E      D   D  G   G  E
8888   A   A  N   N  DDDD   EEEEE  DDDD    GGGG  EEEEE
```

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

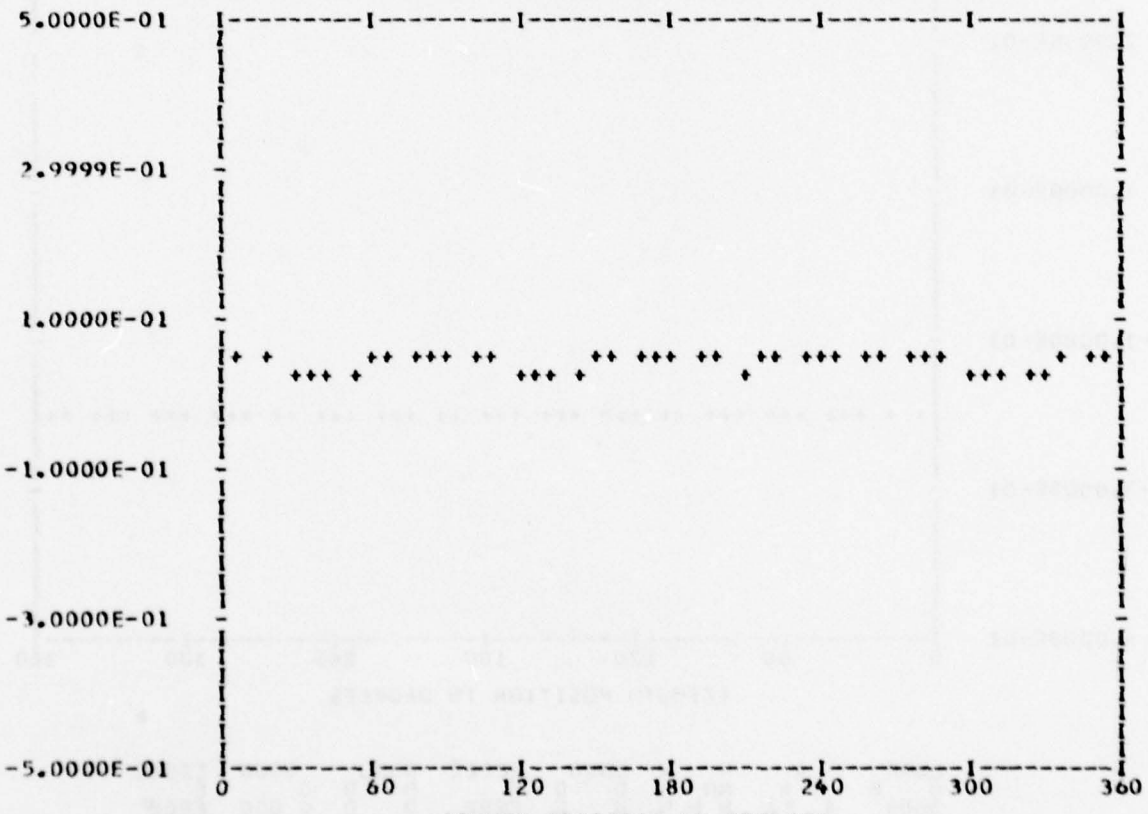
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.43420E-01	1	-0.39204E-02	-0.15054E-02	0.41995E-02	248.9
	2	-0.52733E-03	0.33267E-03	0.62349E-03	302.2
	3	-0.32166E-03	-0.46274E-03	0.56355E-03	214.8
	4	0.59939E-02	-0.11969E-01	0.13386E-01	153.3
	5	0.14759E-02	-0.93140E-03	0.17452E-02	122.2
	6	0.11303E-03	-0.10349E-02	0.10410E-02	173.7
	7	0.98904E-03	-0.72595E-04	0.99170E-03	94.1
	8	0.11494E-02	-0.27912E-02	0.30186E-02	157.6
	9	0.21894E-03	0.61949E-03	0.65704E-03	19.4
	10	-0.65065E-03	-0.46005E-06	0.65065E-03	269.9

MAX= 0.62164E-01 MIN= 0.21967E-01 PEAK TO PEAK/2= 0.20098E-01



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

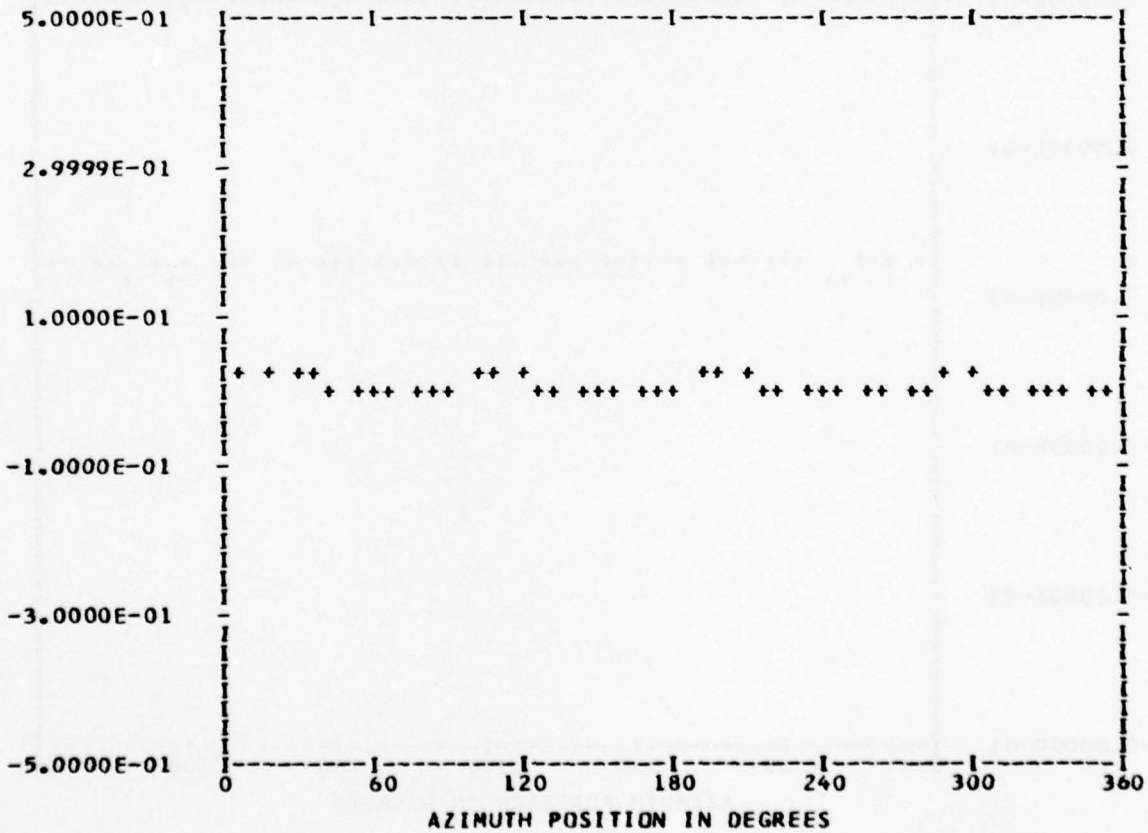
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 10
TP 2
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.58425E-02	1	0.72884E-03	0.14911E-02	0.16597E-02	26.0
	2	0.13219E-02	0.20086E-02	0.24046E-02	33.3
	3	-0.13181E-02	0.30327E-03	0.13525E-02	282.9
	4	0.95875E-02	0.11289E-01	0.14811E-01	40.3
	5	-0.12139E-02	-0.54001E-03	0.13286E-02	246.0
	6	0.11686E-02	0.46325E-03	0.12571E-02	68.3
	7	-0.85151E-03	0.28613E-03	0.89830E-03	288.5
	8	0.11784E-02	0.32611E-02	0.34675E-02	19.8
	9	0.54040E-03	-0.26725E-03	0.60287E-03	116.3
	10	-0.62520E-03	-0.33793E-03	0.71069E-03	241.6

MAX= 0.28455E-01 MIN=-0.11442E-01 PEAK TO PEAK/2= 0.19949E-01



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

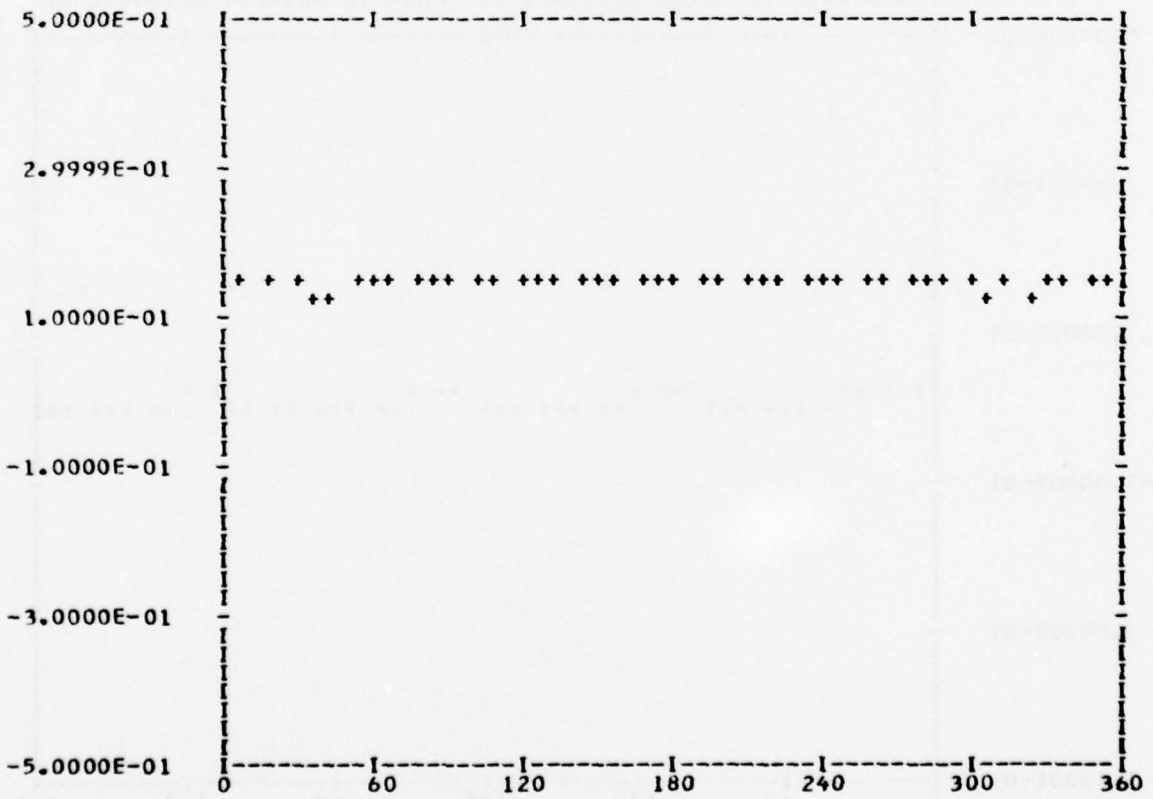
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.14386E 00	1	-0.12676E-02	-0.17701E-02	0.21773E-02	215.6
	2	0.26379E-03	0.32468E-03	0.41834E-03	39.0
	3	0.85374E-03	0.77252E-03	0.11513E-02	47.8
	4	0.17242E-02	-0.19698E-02	0.26179E-02	138.8
	5	-0.58092E-03	-0.16074E-02	0.17092E-02	199.8
	6	0.14297E-03	0.11272E-03	0.18206E-03	51.7
	7	0.10216E-02	0.69979E-03	0.12383E-02	55.5
	8	0.12050E-02	0.12318E-02	0.17232E-02	44.3
	9	0.45295E-03	0.98066E-04	0.46345E-03	77.7
	10	0.20444E-03	0.65953E-03	0.69049E-03	17.2

MAX= 0.15097E 00 MIN= 0.13276E 00 PEAK TO PEAK/2= 0.91046E-02



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

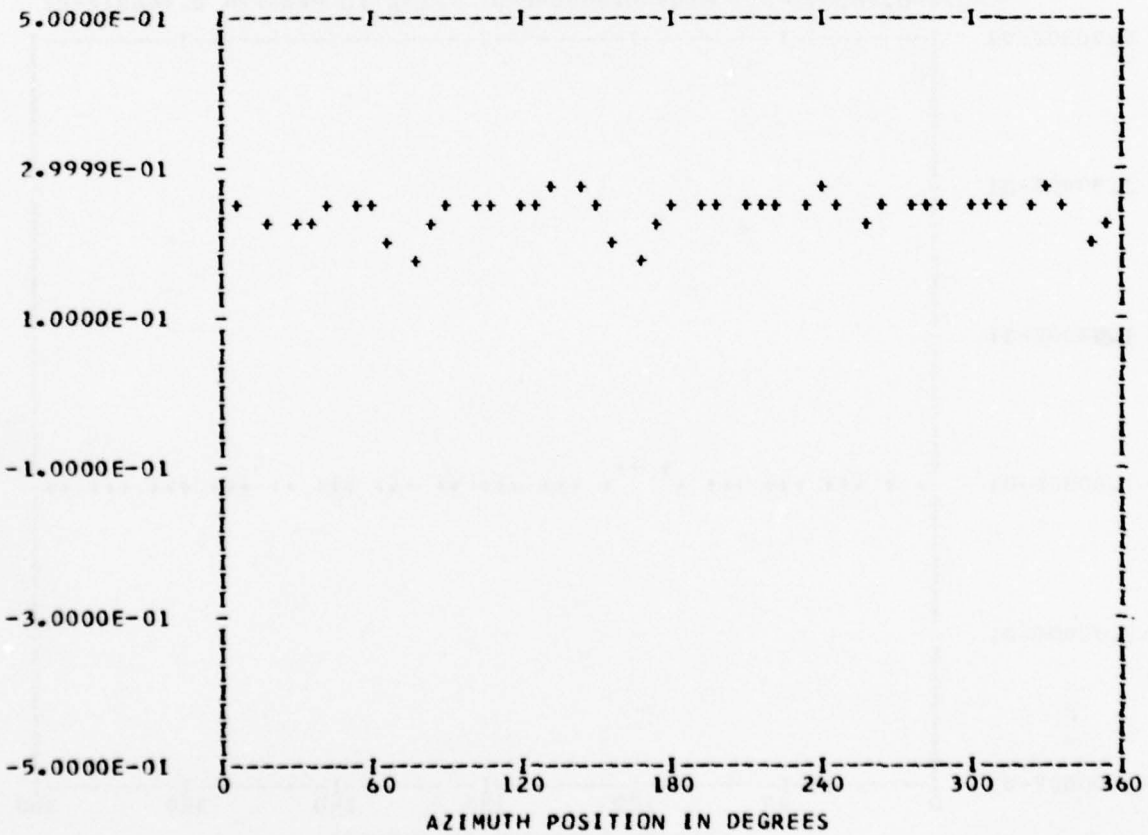
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
IP 4
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24120E 00	1	-0.49291E-02	-0.54938E-02	0.73810E-02	221.8
	2	-0.24372E-02	-0.24643E-02	0.34660E-02	224.6
	3	0.55367E-02	-0.38500E-02	0.67437E-02	124.8
	4	-0.48514E-02	0.16015E-01	0.16733E-01	343.1
	5	-0.62183E-02	-0.26085E-02	0.67433E-02	247.2
	6	0.13836E-03	0.86097E-03	0.87202E-03	9.1
	7	-0.45134E-02	-0.40778E-02	0.60827E-02	227.9
	8	0.18917E-01	-0.33197E-02	0.19206E-01	99.9
	9	0.13521E-02	0.49961E-02	0.51759E-02	15.1
	10	0.10480E-02	0.10684E-02	0.14966E-02	44.4

MAX= 0.27804E 00 MIN= 0.16546E 00 PEAK TO PEAK/2= 0.56289E-01



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

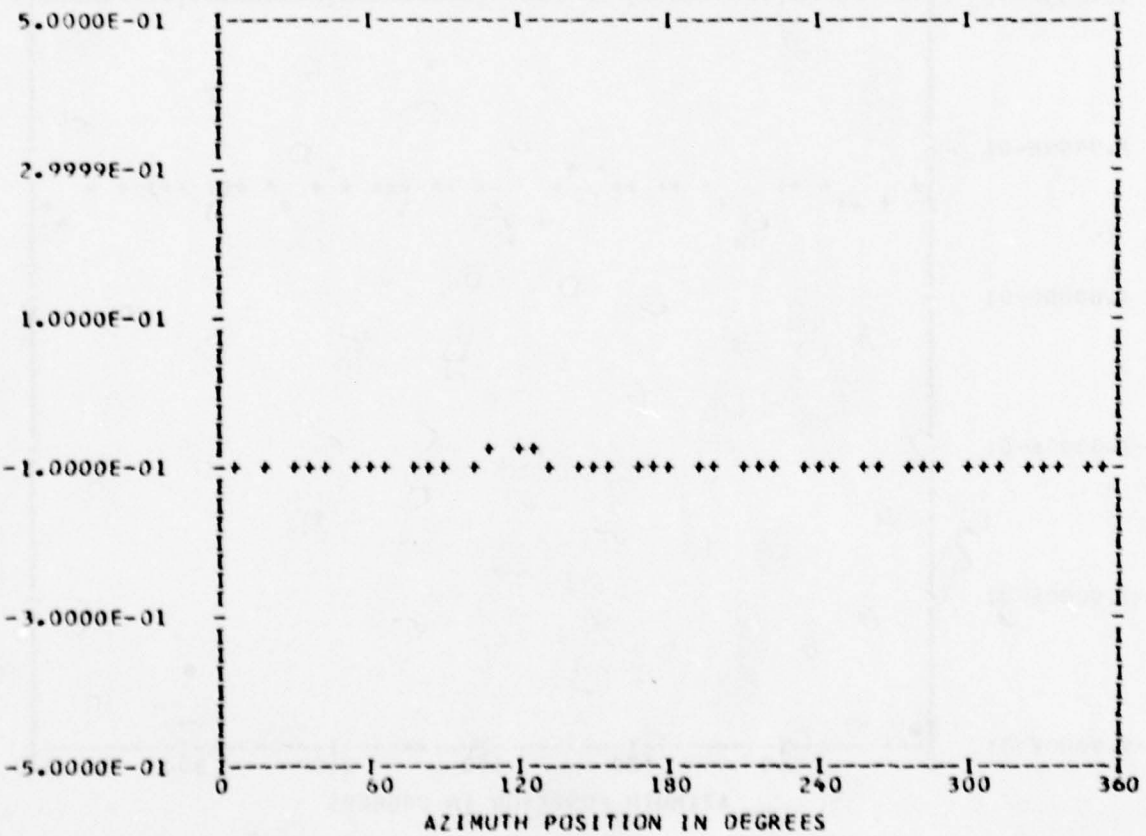
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.90440E-01	1	-0.19045E-03	0.19034E-02	0.19129E-02	354.2
	2	0.53652E-03	0.13315E-03	0.55279E-03	76.0
	3	-0.62515E-04	-0.77285E-03	0.77538E-03	184.6
	4	0.86406E-03	0.19722E-03	0.88629E-03	77.1
	5	-0.71561E-03	0.49778E-04	0.71734E-03	273.9
	6	-0.44436E-03	-0.53568E-04	0.44757E-03	263.1
	7	0.57281E-03	0.10569E-03	0.58247E-03	79.5
	8	-0.60905E-03	-0.10913E-03	0.61875E-03	259.8
	9	0.28514E-04	0.29703E-03	0.29840E-03	5.4
	10	0.66321E-03	0.22250E-03	0.69954E-03	71.4

MAX=-0.86169E-01 MIN=-0.95505E-01 PEAK TO PEAK/2= 0.46681E-02



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

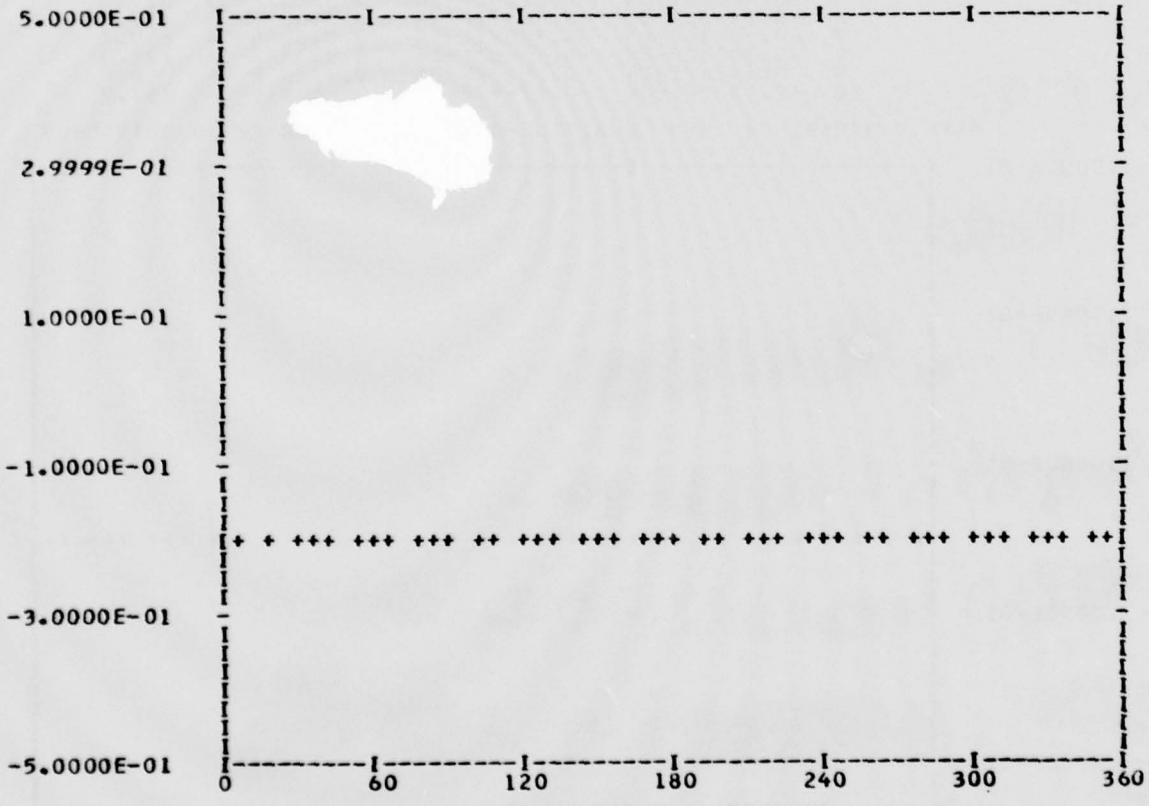
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***	
ENTERED	44
OUT OF RANGE	0
BANDEDGE	43

RUN	11
TP	4
CHAN	51

HARMONIC ANALYSIS SKIPPED

MAX=-0.19068E 00 MIN=-0.19221E 00 PEAK TO PEAK/2= 0.76663E-03

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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---MID SECTION

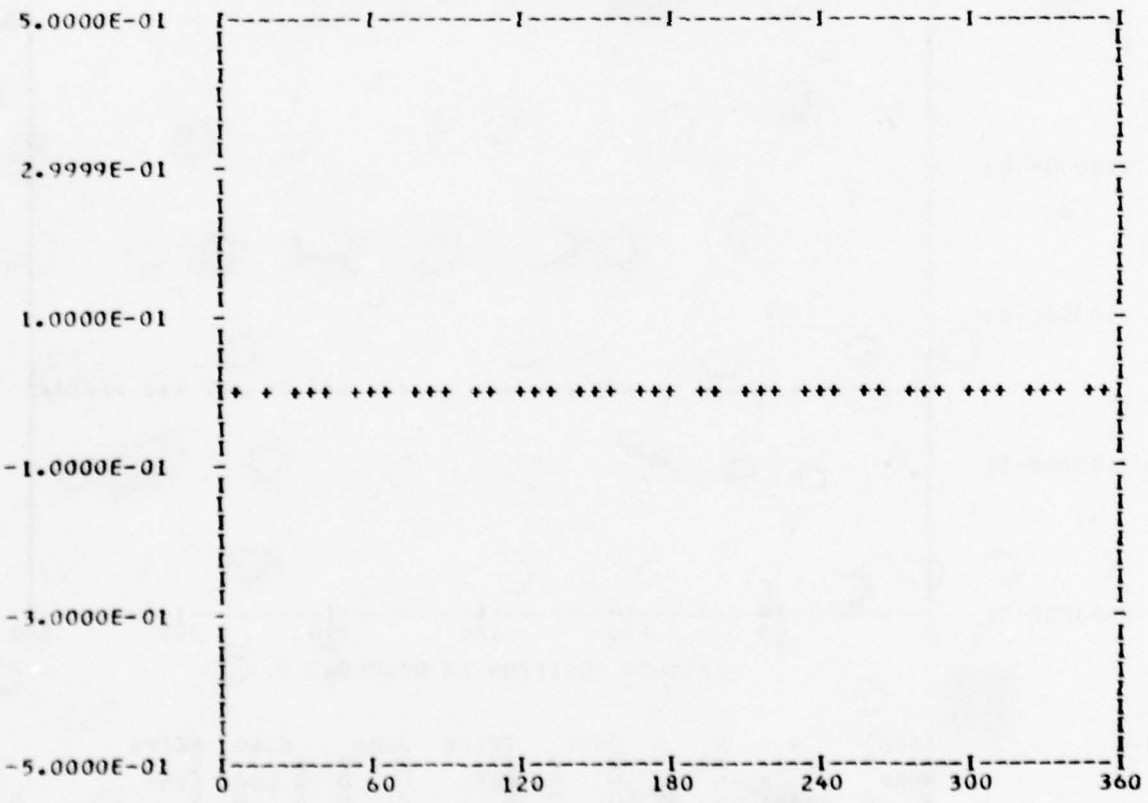
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.34930E-02	1	0.35821E-04	0.12401E-04	0.37907E-04	70.9
	2	0.40990E-04	0.27313E-05	0.41081E-04	86.1
	3	0.52808E-06	0.36446E-04	0.36450E-04	0.8
	4	0.14299E-05	0.80459E-04	0.80472E-04	1.0
	5	-0.41566E-04	0.41039E-04	0.58412E-04	314.6
	6	-0.14485E-05	-0.34572E-04	0.34602E-04	182.3
	7	-0.50436E-05	0.30927E-04	0.31335E-04	350.7
	8	0.30240E-05	-0.35202E-04	0.35332E-04	175.0
	9	0.49762E-04	0.59129E-04	0.77282E-04	40.0
	10	-0.43024E-04	-0.17457E-04	0.46431E-04	247.9

MAX= 0.37959E-02 MIN= 0.31920E-02 PEAK TO PEAK/2= 0.30195E-03



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

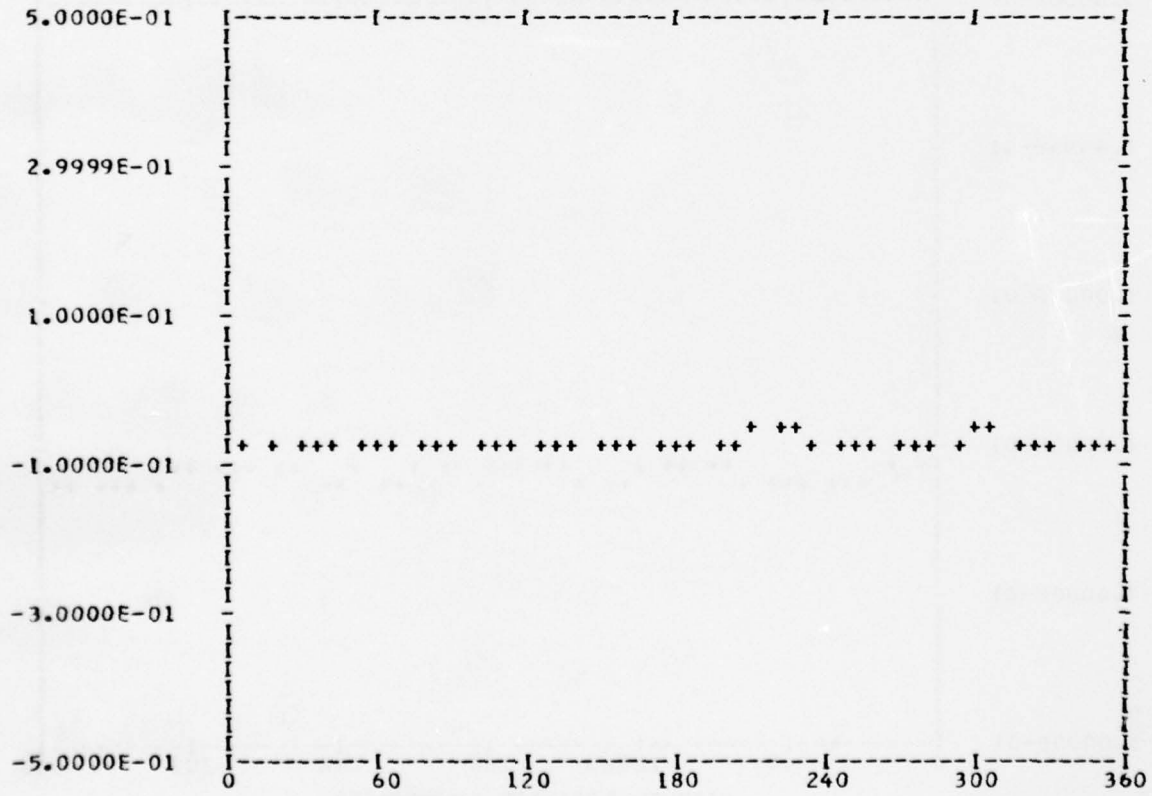
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.70285E-01	1	-0.60503E-02	-0.26436E-02	0.66026E-02	246.3
	2	-0.19445E-02	-0.57813E-03	0.20286E-02	253.4
	3	-0.53490E-03	0.37139E-03	0.65119E-03	304.7
	4	-0.26047E-02	0.23389E-02	0.35007E-02	311.9
	5	-0.39249E-03	-0.15423E-02	0.15914E-02	194.2
	6	0.42745E-03	-0.53157E-03	0.68212E-03	141.1
	7	0.67579E-03	-0.12027E-02	0.13795E-02	150.6
	8	-0.92615E-03	0.69307E-03	0.11567E-02	306.8
	9	-0.10500E-02	0.11849E-02	0.15832E-02	318.4
	10	0.35692E-03	-0.27505E-03	0.45060E-03	127.6

MAX=-0.59211E-01 MIN=-0.82914E-01 PEAK TO PEAK/2= 0.11851E-01



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

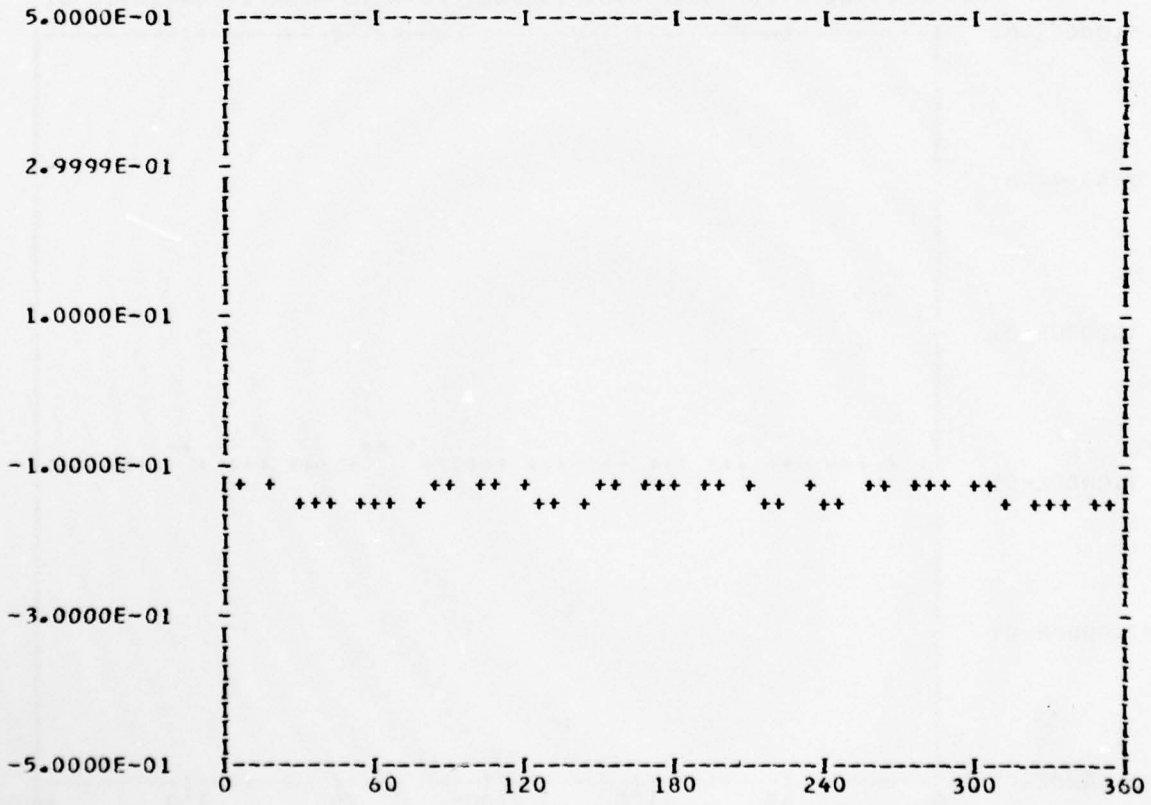
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13872E 00	1	-0.76876E-02	-0.35960E-02	0.84871E-02	244.9
	2	-0.18987E-02	-0.38698E-03	0.19377E-02	258.4
	3	-0.97519E-03	0.18678E-02	0.21070E-02	332.4
	4	0.90886E-02	0.50131E-03	0.91025E-02	86.8
	5	0.31410E-02	0.20615E-02	0.37571E-02	56.7
	6	-0.71344E-03	0.16219E-02	0.17719E-02	336.2
	7	-0.29723E-03	0.53141E-03	0.60888E-03	330.7
	8	0.48245E-04	0.24592E-02	0.24596E-02	1.1
	9	-0.87773E-03	-0.12137E-02	0.14978E-02	215.8
	10	0.87621E-03	0.18900E-02	0.20832E-02	24.8

MAX=-0.12378E 00 MIN=-0.16133E 00 PEAK TO PEAK/2= 0.18774E-01



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

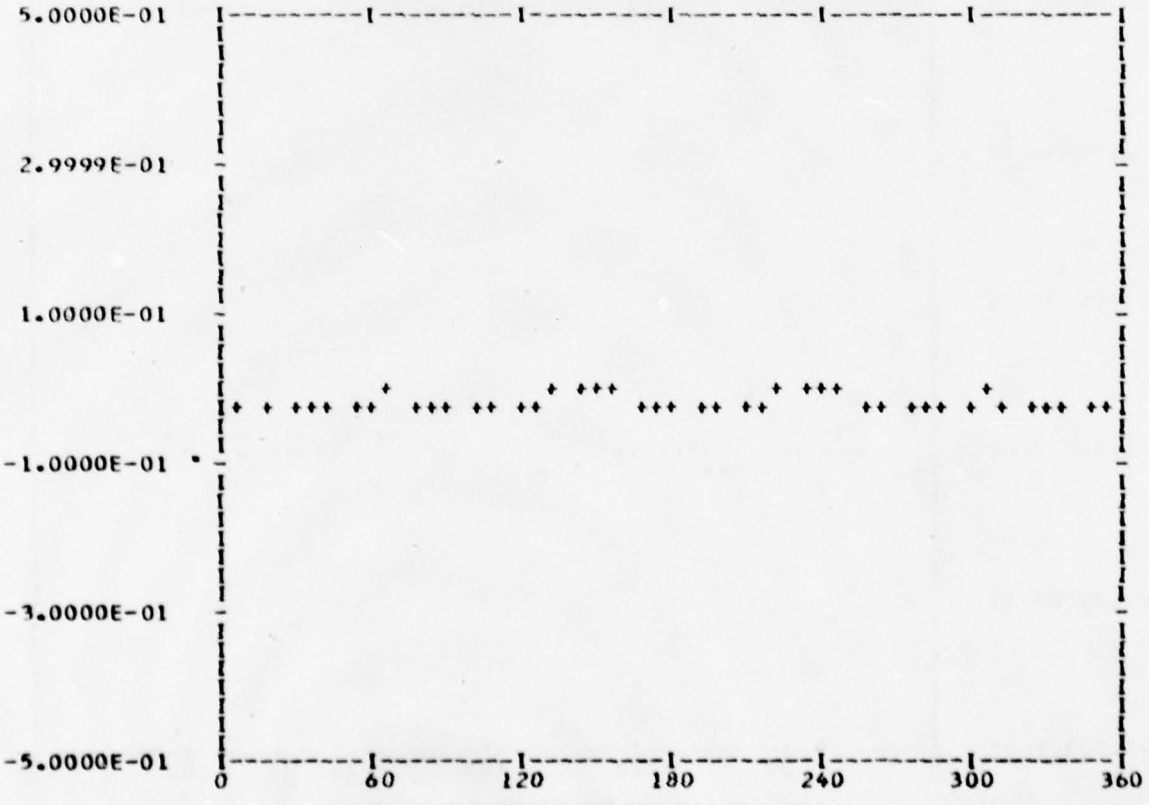
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16473E-01	1	-0.22928E-02	0.11558E-02	0.25677E-02	296.7
	2	0.11084E-03	0.17860E-03	0.21020E-03	31.8
	3	0.21291E-02	-0.53310E-03	0.21948E-02	104.0
	4	-0.32600E-02	0.10173E-02	0.34150E-02	287.3
	5	0.17407E-02	0.94399E-03	0.19801E-02	61.5
	6	0.10532E-04	-0.21321E-04	0.23781E-04	153.7
	7	-0.69870E-03	0.30257E-04	0.69936E-03	272.4
	8	-0.65210E-03	0.15486E-02	0.16803E-02	337.1
	9	-0.15603E-02	0.37077E-03	0.16037E-02	283.3
	10	-0.59461E-03	0.40563E-03	0.71979E-03	304.3

MAX=-0.48140E-02 MIN=-0.26180E-01 PEAK TO PEAK/2= 0.10683E-01



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

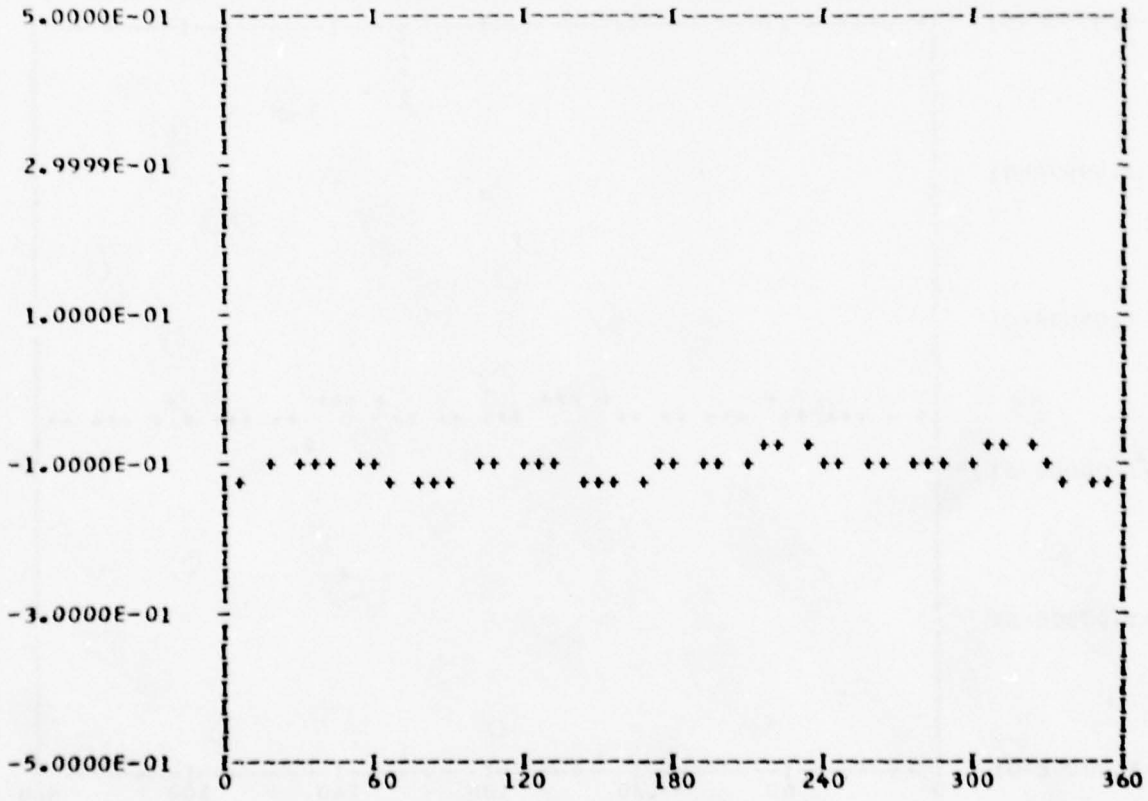
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
IP 4
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10325E 00	1	-0.25948E-02	-0.79256E-02	0.83395E-02	198.1
	2	-0.13314E-02	0.10107E-02	0.16716E-02	307.2
	3	-0.47219E-02	-0.31286E-02	0.56643E-02	236.4
	4	-0.57035E-02	0.13686E-01	0.14827E-01	337.3
	5	-0.13010E-02	0.43550E-02	0.45452E-02	343.3
	6	0.12747E-02	0.34173E-03	0.13198E-02	74.9
	7	0.29180E-02	0.22895E-02	0.37090E-02	51.8
	8	-0.10937E-02	-0.39380E-02	0.40871E-02	195.5
	9	-0.59386E-03	-0.11806E-03	0.60548E-03	258.7
	10	-0.12342E-04	0.44560E-04	0.46237E-04	344.5

MAX=-0.68359E-01 MIN=-0.12567E 00 PEAK TO PEAK/2= 0.28656E-01



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

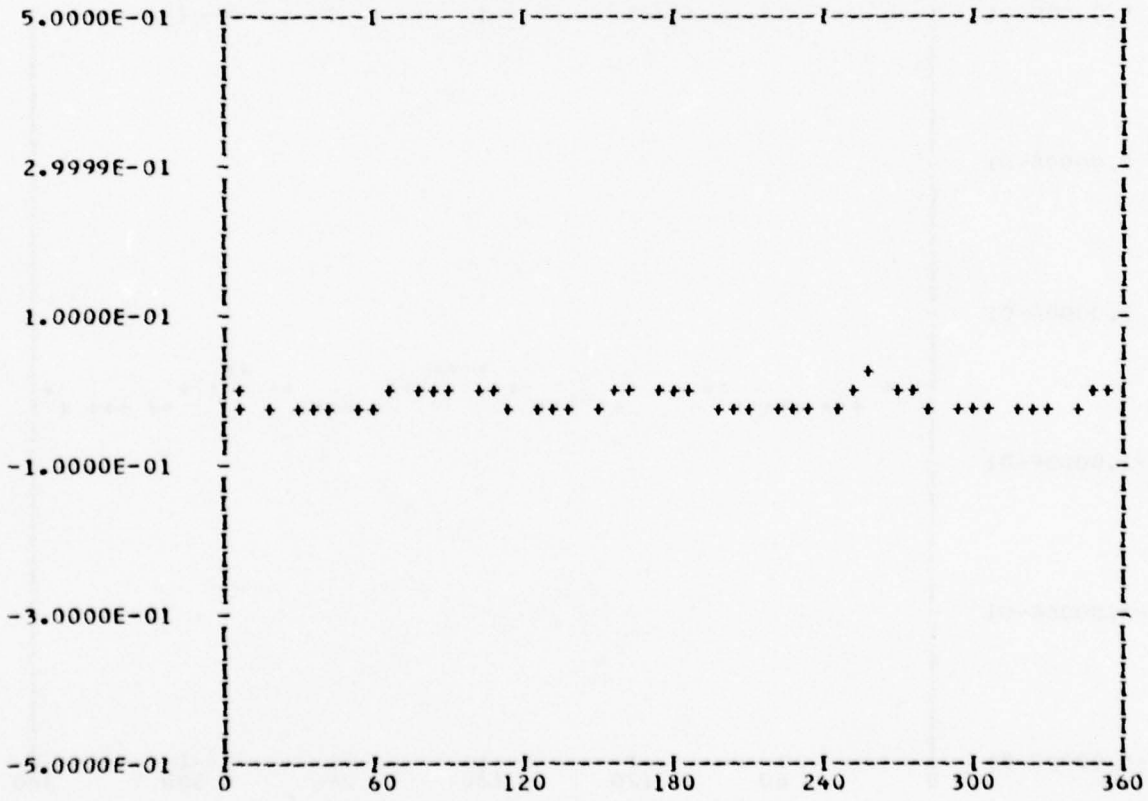
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12486E-01	1	-0.53100E-02	0.25343E-02	0.58838E-02	295.5
	2	-0.30553E-02	-0.29889E-03	0.30698E-02	264.4
	3	0.94818E-03	0.31368E-02	0.32770E-02	16.8
	4	0.85148E-03	-0.14301E-01	0.14326E-01	176.5
	5	-0.28053E-03	0.18263E-02	0.18477E-02	351.2
	6	0.58860E-03	0.66658E-03	0.88926E-03	41.4
	7	0.19274E-02	-0.22236E-03	0.19401E-02	96.5
	8	-0.25001E-02	-0.21016E-02	0.32661E-02	229.9
	9	0.18887E-02	0.12636E-02	0.22725E-02	56.2
	10	0.13630E-02	-0.87498E-04	0.13658E-02	93.6

MAX= 0.12616E-01 MIN=-0.31100E-01 PEAK TO PEAK/2= 0.21858E-01



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

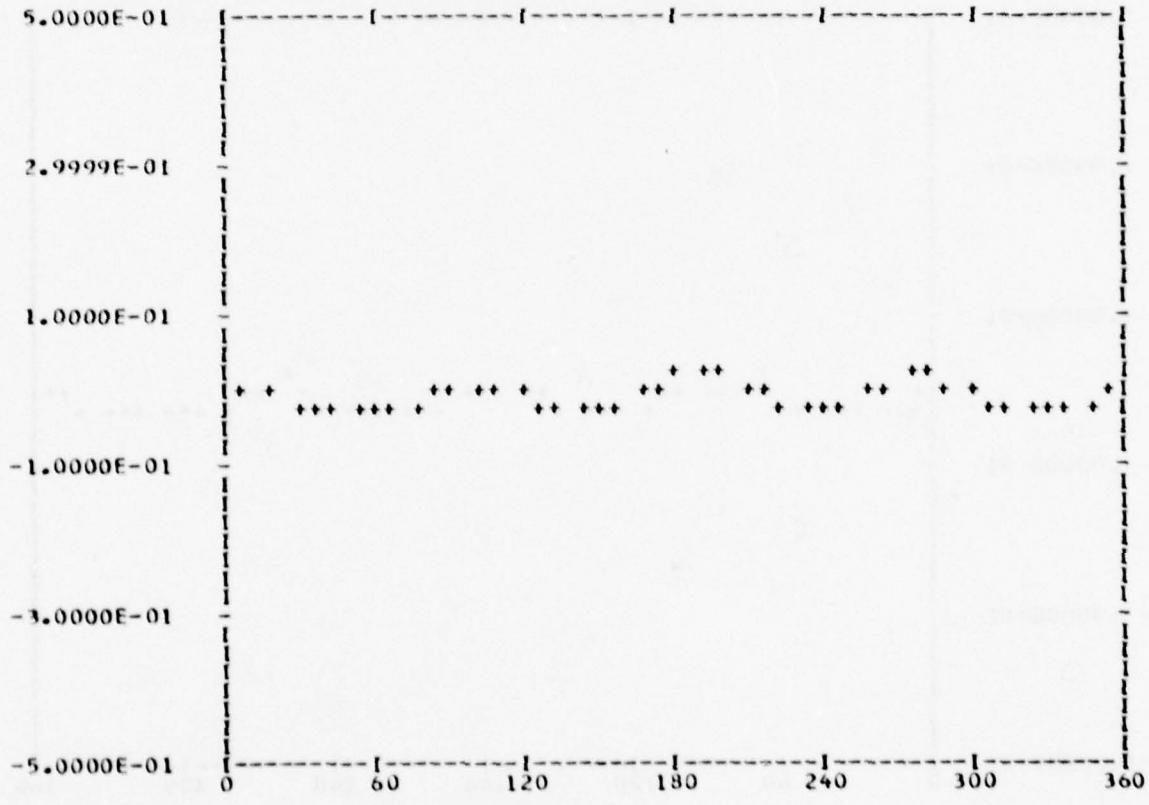
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.88960E-02	1	-0.55914E-02	-0.28386E-02	0.62707E-02	243.0
	2	-0.11347E-02	0.59912E-03	0.12831E-02	297.8
	3	-0.79984E-03	0.18197E-02	0.19877E-02	336.2
	4	0.18680E-01	0.24609E-02	0.18841E-01	82.4
	5	0.70018E-03	-0.13421E-02	0.15137E-02	152.4
	6	0.68949E-03	0.21666E-03	0.72273E-03	72.5
	7	-0.24460E-03	-0.22456E-03	0.33205E-03	227.4
	8	0.24668E-02	0.12957E-02	0.27864E-02	62.2
	9	-0.18192E-04	0.16236E-05	0.18264E-04	275.1
	10	-0.47042E-04	0.38090E-03	0.38379E-03	352.9

MAX= 0.20733E-01 MIN=-0.31882E-01 PEAK TO PEAK/2= 0.26308E-01



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

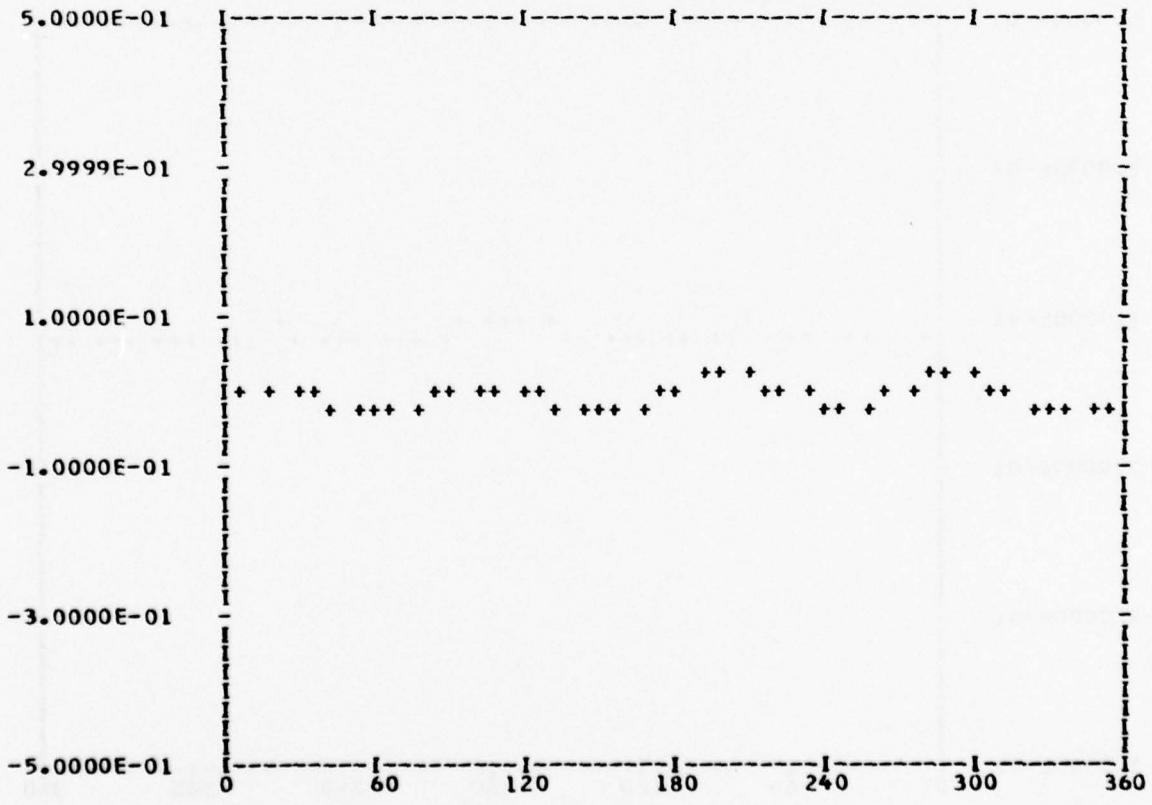
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.68724E-02	1	-0.38721E-02	-0.48641E-02	0.62172E-02	218.5
	2	-0.13310E-02	0.17726E-02	0.22167E-02	323.0
	3	-0.33925E-02	0.48833E-03	0.34275E-02	278.1
	4	0.13412E-01	0.12113E-01	0.18073E-01	47.9
	5	0.11114E-02	0.60894E-04	0.11131E-02	86.8
	6	0.17484E-02	0.53742E-03	0.18292E-02	72.9
	7	0.87994E-04	-0.62695E-03	0.63309E-03	172.0
	8	0.15999E-03	0.26837E-02	0.26884E-02	3.4
	9	-0.36644E-03	-0.21038E-03	0.42254E-03	240.1
	10	0.31435E-05	0.56173E-03	0.56174E-03	0.3

MAX= 0.22794E-01 MIN=-0.27812E-01 PEAK TO PEAK/2= 0.25303E-01



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

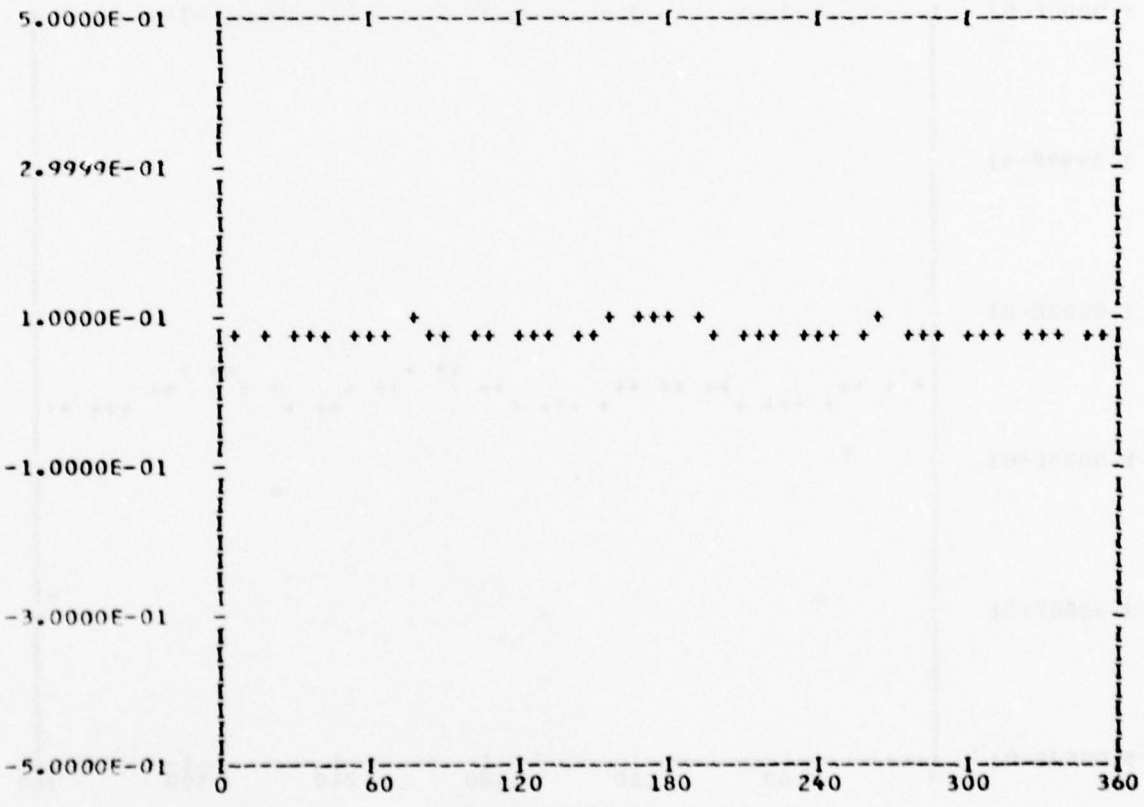
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.82828E-01	1	-0.46588E-02	0.12041E-02	0.48119E-02	284.4
	2	0.13217E-03	0.51809E-03	0.53468E-03	14.3
	3	0.15386E-03	-0.14730E-03	0.21301E-03	133.7
	4	0.44013E-03	-0.43263E-02	0.43486E-02	174.1
	5	-0.68260E-03	-0.97907E-03	0.11935E-02	214.8
	6	-0.48432E-03	-0.60304E-03	0.77344E-03	218.7
	7	-0.30433E-04	0.35136E-03	0.35267E-03	355.0
	8	-0.45767E-03	0.12112E-04	0.45783E-03	271.5
	9	-0.25474E-03	-0.17185E-03	0.30729E-03	235.9
	10	-0.20082E-04	0.20152E-04	0.28449E-04	315.0

MAX= 0.93016E-01 MIN= 0.73331E-01 PEAK TO PEAK/2= 0.98427E-02



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

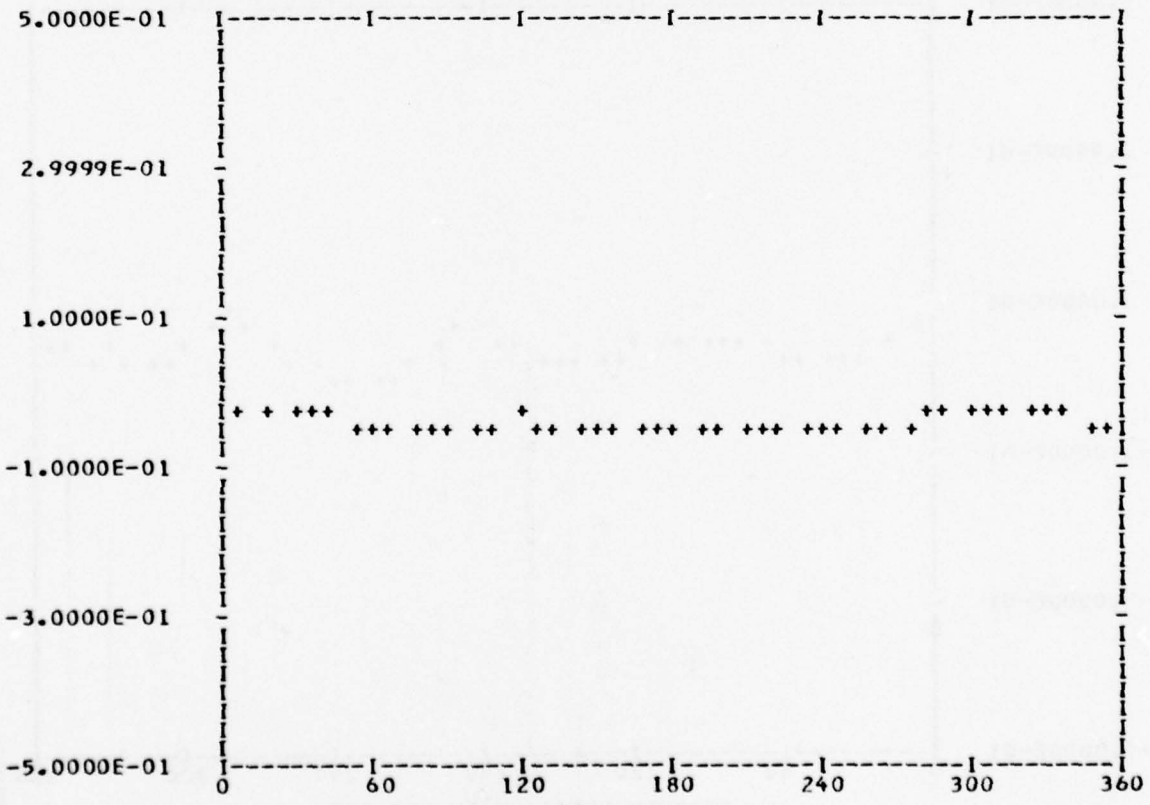
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.40100E-01	1	0.59432E-02	-0.18907E-02	0.62367E-02	107.6
	2	-0.22365E-02	-0.21037E-02	0.30705E-02	226.7
	3	-0.24291E-02	0.26368E-03	0.24434E-02	276.1
	4	0.11182E-02	0.54406E-02	0.55543E-02	11.6
	5	0.51879E-03	-0.18983E-03	0.55244E-03	110.0
	6	-0.78427E-03	0.30351E-03	0.84095E-03	291.1
	7	0.10738E-03	0.79445E-03	0.80168E-03	7.6
	8	-0.68744E-03	0.49722E-03	0.84841E-03	305.8
	9	0.83299E-03	0.47160E-03	0.95723E-03	60.4
	10	0.60207E-03	0.49562E-03	0.77983E-03	50.5

MAX=-0.24400E-01 MIN=-0.51790E-01 PEAK TO PEAK/2= 0.13695E-01



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

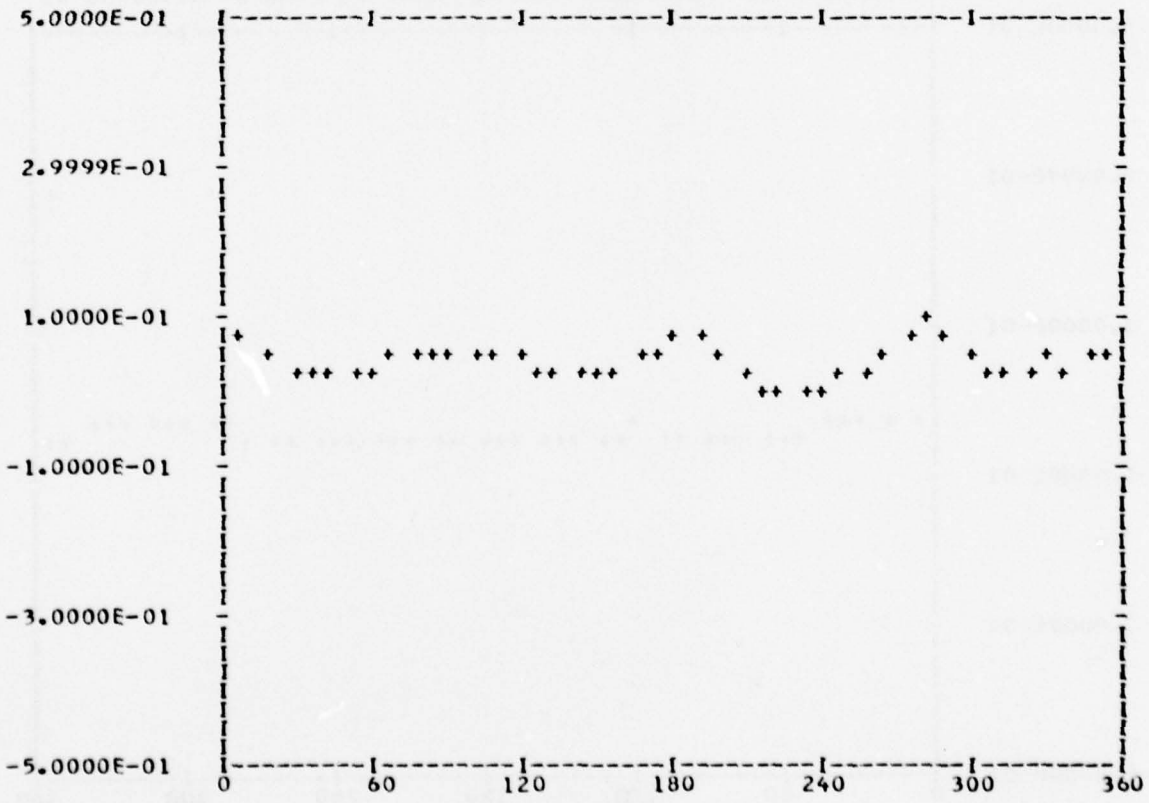
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.38702E-01	1	0.68720E-02	-0.12018E-02	0.69763E-02	99.9
	2	-0.32008E-02	-0.64747E-02	0.72227E-02	206.3
	3	-0.46138E-02	0.96187E-02	0.10668E-01	334.3
	4	0.25384E-01	-0.56786E-02	0.26012E-01	102.6
	5	-0.56095E-02	-0.30165E-02	0.63692E-02	241.7
	6	0.17626E-02	-0.15262E-02	0.23315E-02	130.8
	7	0.15206E-02	0.20574E-02	0.25584E-02	36.4
	8	0.81347E-02	0.33984E-02	0.88161E-02	67.3
	9	-0.96120E-05	-0.29740E-02	0.29740E-02	180.1
	10	0.59421E-03	-0.16791E-02	0.17811E-02	160.5

MAX= 0.98403E-01 MIN=-0.11240E-01 PEAK TO PEAK/2= 0.54822E-01



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

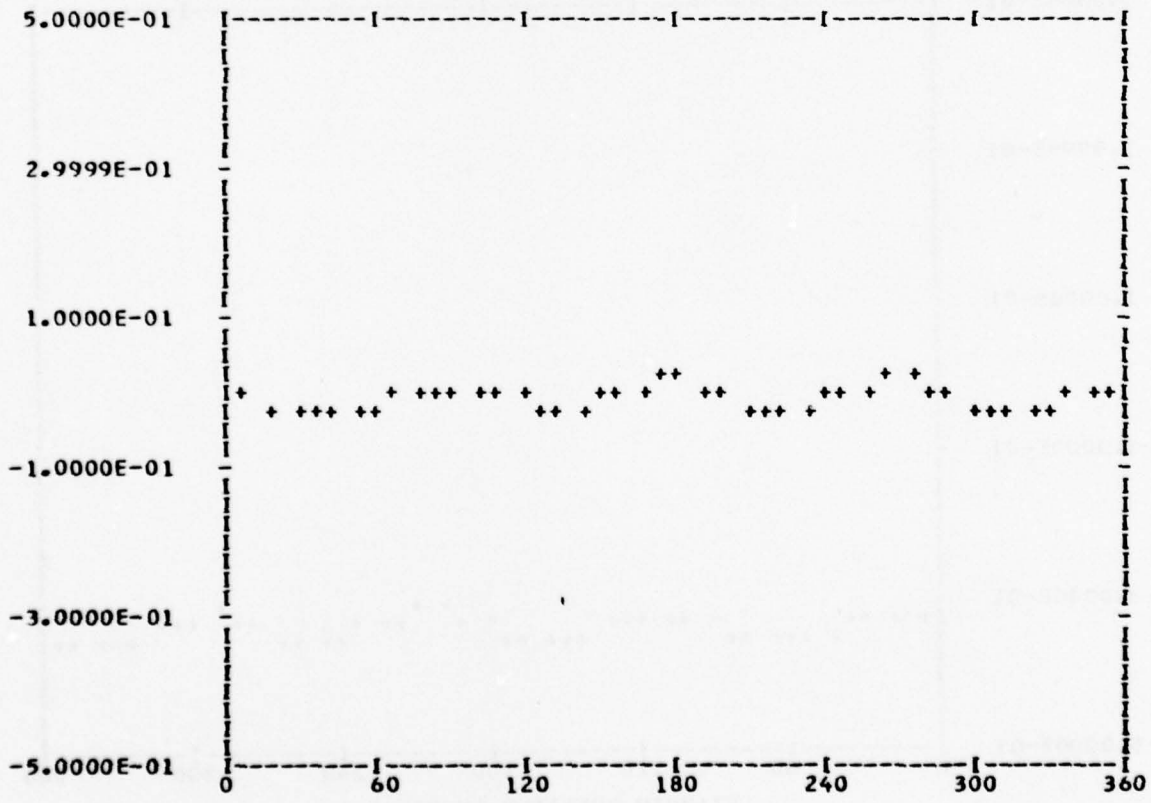
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.62042E-02	1	-0.26506E-02	-0.11342E-02	0.28831E-02	246.8
	2	-0.85362E-03	-0.55314E-03	0.10171E-02	237.0
	3	0.13600E-02	0.23189E-02	0.26883E-02	30.3
	4	0.95517E-02	-0.13195E-01	0.16290E-01	144.1
	5	-0.13271E-02	0.52626E-03	0.14276E-02	291.6
	6	0.12309E-02	-0.11939E-02	0.17148E-02	134.1
	7	-0.54640E-04	-0.50443E-03	0.50738E-03	186.1
	8	-0.76029E-04	-0.44921E-02	0.44928E-02	180.9
	9	-0.10065E-02	-0.79481E-03	0.12825E-02	231.7
	10	0.53829E-05	-0.40135E-03	0.40139E-03	179.2

MAX= 0.19147E-01 MIN=-0.26819E-01 PEAK TO PEAK/2= 0.22983E-01



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

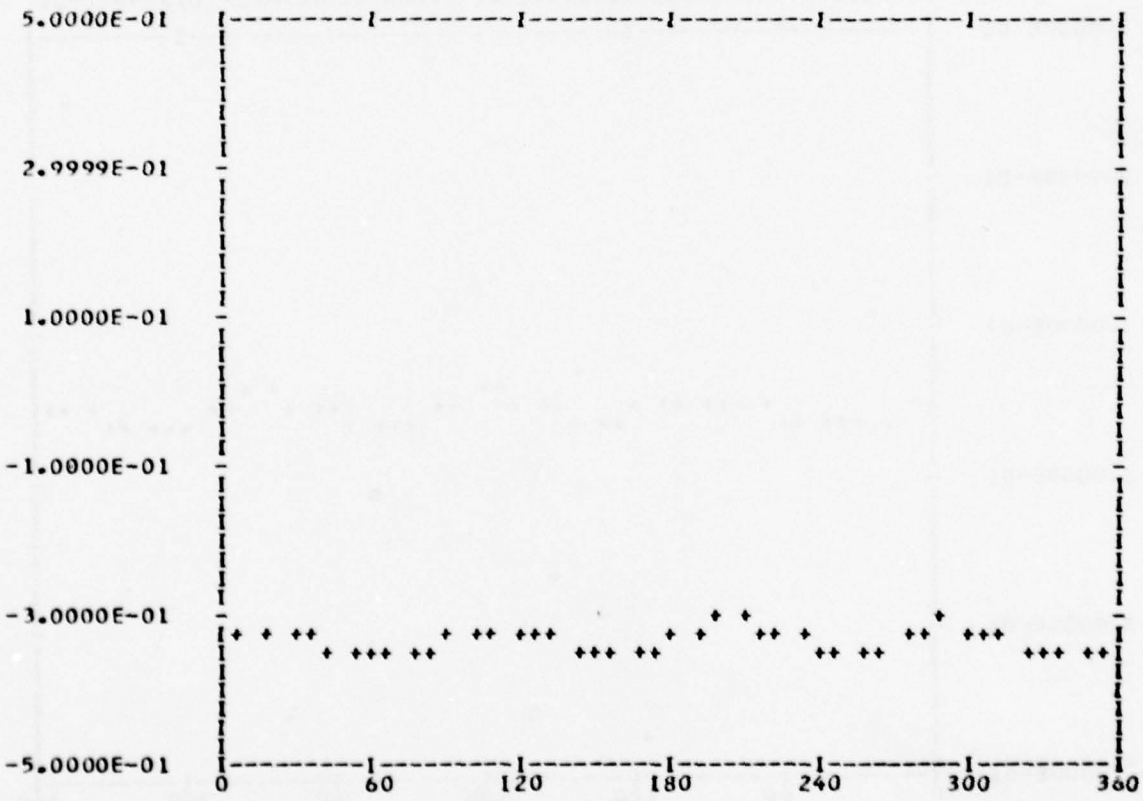
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 4
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.33360E 00	1	-0.45564E-02	-0.28021E-02	0.53491E-02	238.4
	2	0.16205E-02	0.22162E-02	0.27455E-02	36.1
	3	-0.13187E-02	-0.21882E-03	0.13367E-02	260.5
	4	0.11618E-01	0.13386E-01	0.17725E-01	40.9
	5	0.15548E-02	-0.23728E-02	0.28369E-02	146.7
	6	0.84748E-03	0.93925E-03	0.12650E-02	42.0
	7	-0.11408E-02	-0.48699E-03	0.12404E-02	246.8
	8	0.14473E-02	0.31642E-02	0.34795E-02	24.5
	9	0.62284E-04	0.61347E-03	0.61663E-03	5.7
	10	-0.10436E-02	0.85835E-03	0.13513E-02	309.4

MAX=-0.30090E 00 MIN=-0.35497E 00 PEAK TO PEAK/2= 0.27033E-01



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

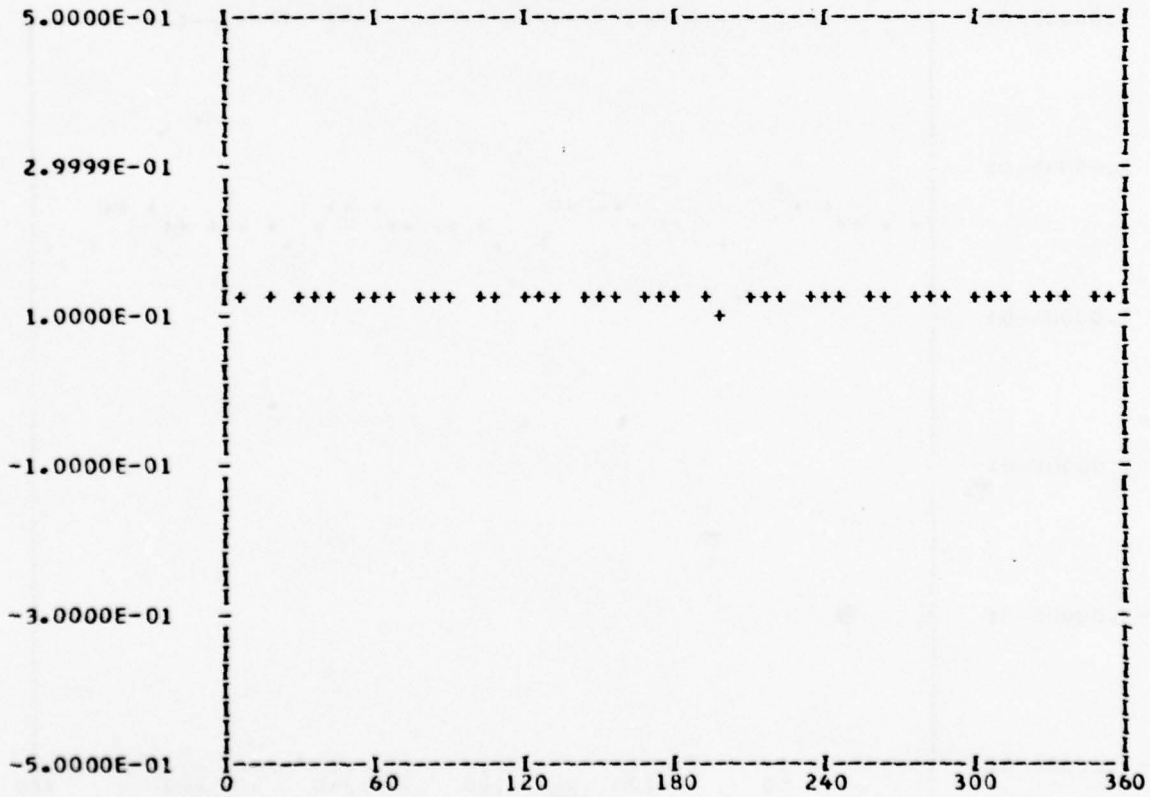
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.12116E 00	1	-0.87312E-03	0.13213E-02	0.15837E-02	326.5
	2	-0.89944E-03	0.60378E-03	0.10833E-02	303.8
	3	0.57087E-03	0.18456E-02	0.19319E-02	17.1
	4	-0.11196E-02	-0.94668E-03	0.14662E-02	229.7
	5	0.46034E-03	-0.73232E-03	0.86499E-03	147.8
	6	0.24848E-03	-0.51614E-03	0.57284E-03	154.2
	7	0.10891E-02	0.59596E-03	0.12415E-02	61.3
	8	-0.64818E-03	-0.86544E-03	0.10812E-02	216.8
	9	0.13379E-02	0.14772E-03	0.13460E-02	83.6
	10	-0.49210E-03	-0.11990E-03	0.50650E-03	256.3

MAX= 0.12690E 00 MIN= 0.11155E 00 PEAK TO PEAK/2= 0.76744E-02



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

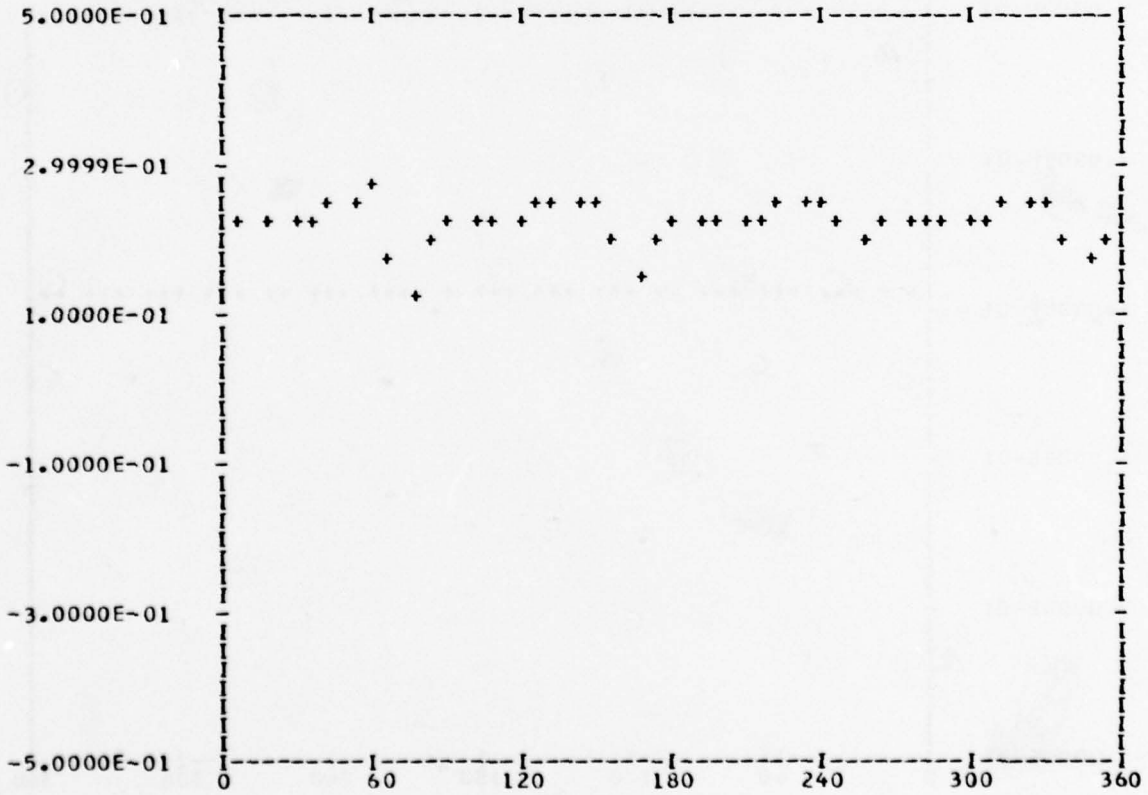
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.22314E 00	1	-0.18645E-02	-0.42019E-02	0.45970E-02	203.9
	2	-0.11847E-02	0.20727E-02	0.23874E-02	330.2
	3	0.51789E-02	-0.16232E-02	0.54274E-02	107.4
	4	-0.13363E-01	0.21220E-01	0.25077E-01	327.8
	5	-0.77998E-02	0.68249E-04	0.78001E-02	270.5
	6	0.54147E-03	-0.62591E-03	0.82761E-03	139.1
	7	-0.21174E-02	-0.54125E-02	0.58119E-02	201.3
	8	0.21918E-01	-0.29170E-03	0.21920E-01	90.7
	9	0.14269E-02	0.39766E-02	0.42248E-02	19.7
	10	0.28627E-03	0.71386E-03	0.76912E-03	21.8

MAX= 0.26846E 00 MIN= 0.13340E 00 PEAK TO PEAK/2= 0.67533E-01



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

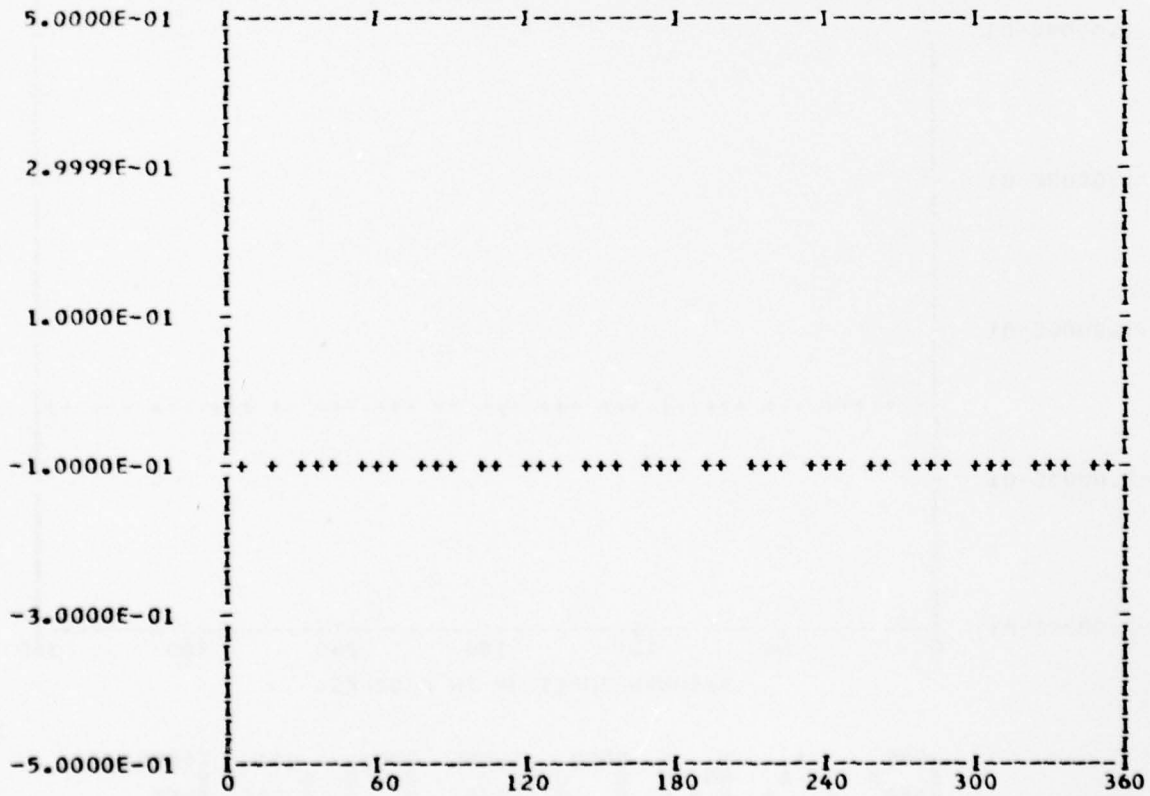
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.95772E-01	1	-0.29128E-04	0.12479E-04	0.31689E-04	293.1
	2	-0.35841E-03	-0.15687E-03	0.39124E-03	246.3
	3	0.40506E-04	0.12087E-03	0.12748E-03	18.5
	4	0.12242E-03	-0.13054E-02	0.13111E-02	174.6
	5	-0.30831E-03	0.96616E-04	0.32309E-03	287.3
	6	-0.33579E-03	0.86923E-04	0.34685E-03	284.5
	7	0.54572E-04	-0.73619E-04	0.91639E-04	143.4
	8	-0.28462E-03	-0.65022E-03	0.70979E-03	203.6
	9	0.76020E-05	-0.98508E-04	0.98801E-04	175.5
	10	0.12987E-03	0.45131E-05	0.12995E-03	88.0

MAX=-0.92324E-01 MIN=-0.98756E-01 PEAK TO PEAK/2= 0.32157E-02



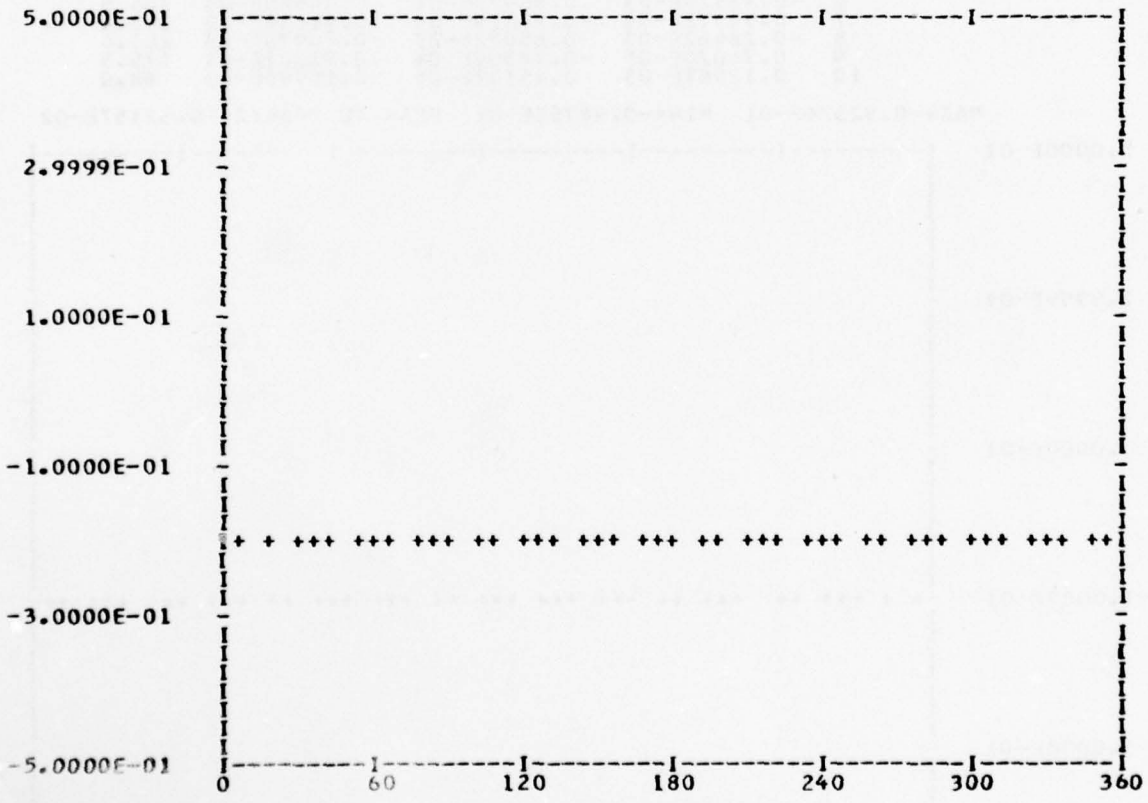
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***			
ENTERED	44	RUN	11
OUT OF RANGE	0	TP	8
BANDEDGE	44	CHAN	51

HARMONIC ANALYSIS SKIPPED

MAX=-0.19221E 00 MIN=-0.19221E 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 GG 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---MID SECTION

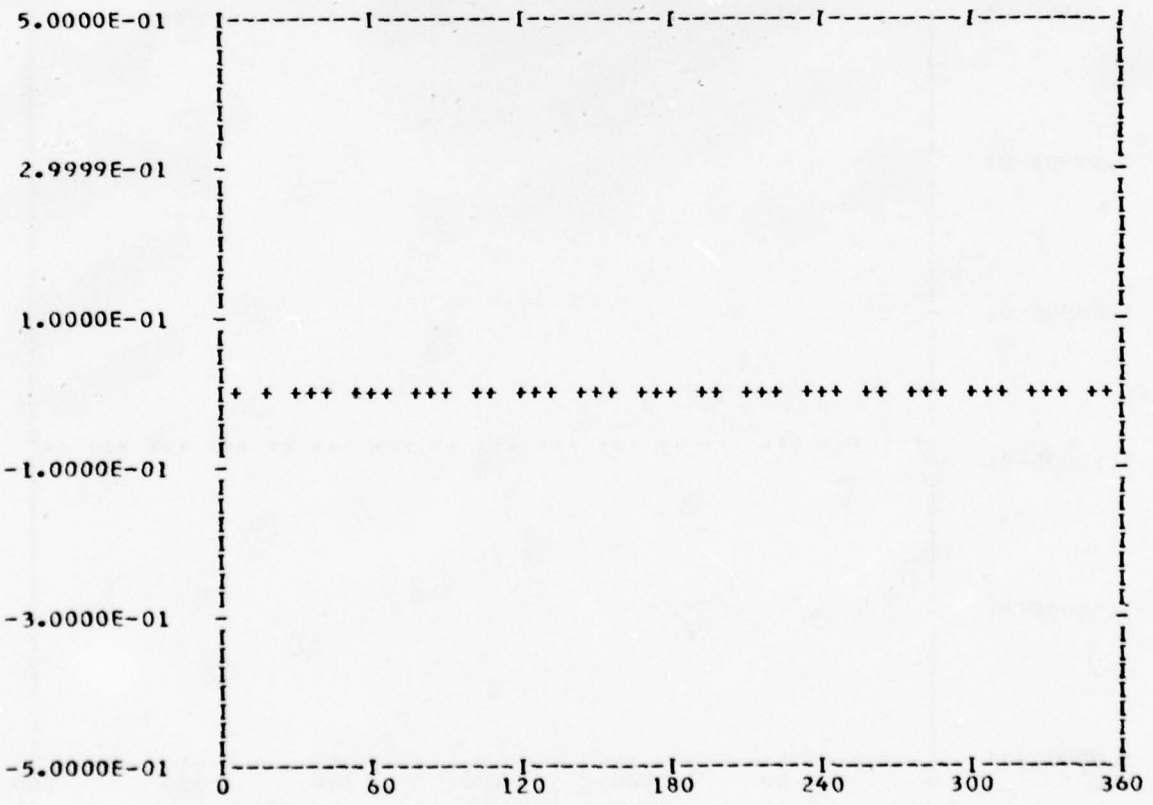
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.34253E-02	1	-0.71763E-04	0.24172E-04	0.75724E-04	288.6
	2	-0.64073E-04	-0.24911E-04	0.68746E-04	248.7
	3	-0.77781E-05	-0.23303E-04	0.24566E-04	198.4
	4	-0.27331E-04	0.28421E-04	0.39430E-04	316.1
	5	0.10641E-03	0.67233E-06	0.10641E-03	89.6
	6	0.13791E-04	-0.67385E-04	0.68782E-04	168.4
	7	0.43137E-04	0.64915E-04	0.77941E-04	33.6
	8	0.14022E-04	-0.55661E-04	0.57400E-04	165.8
	9	0.61236E-04	0.36216E-04	0.71144E-04	59.3
	10	-0.22633E-04	-0.37806E-04	0.44063E-04	210.9

MAX= 0.38822E-02 MIN= 0.30195E-02 PEAK TO PEAK/2= 0.43136E-03



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

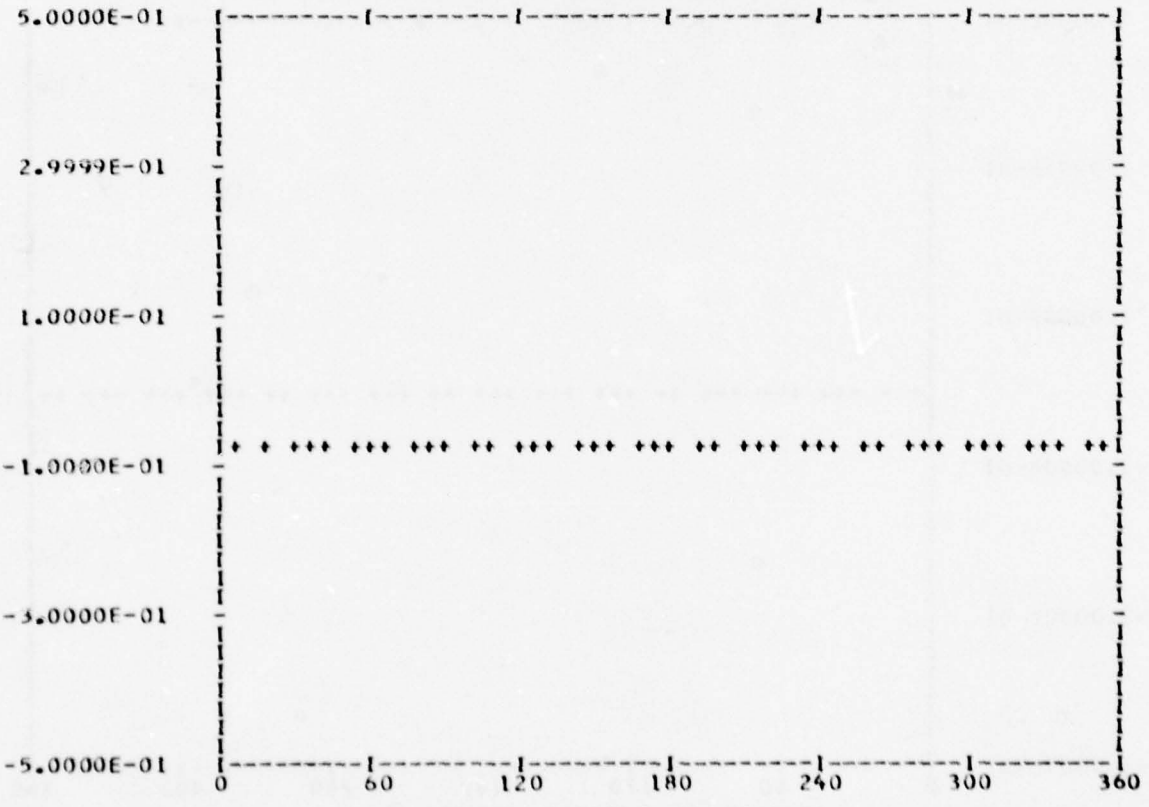
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.73809E-01	1	-0.73622E-03	0.19890E-02	0.21209E-02	339.6
	2	-0.50471E-04	0.10819E-02	0.10830E-02	357.3
	3	0.31812E-04	0.33925E-02	0.33927E-02	0.5
	4	0.31254E-02	-0.14105E-03	0.31286E-02	92.5
	5	-0.15203E-02	-0.42917E-03	0.15797E-02	254.2
	6	-0.41371E-03	-0.40628E-03	0.57984E-03	225.5
	7	0.77506E-03	0.24942E-03	0.81421E-03	72.1
	8	-0.25246E-03	-0.33613E-03	0.42038E-03	216.9
	9	-0.11402E-03	0.68587E-04	0.13306E-03	301.0
	10	0.27891E-04	0.13364E-03	0.13652E-03	11.7

MAX=-0.66410E-01 MIN=-0.82255E-01 PEAK TO PEAK/2= 0.79226E-02



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

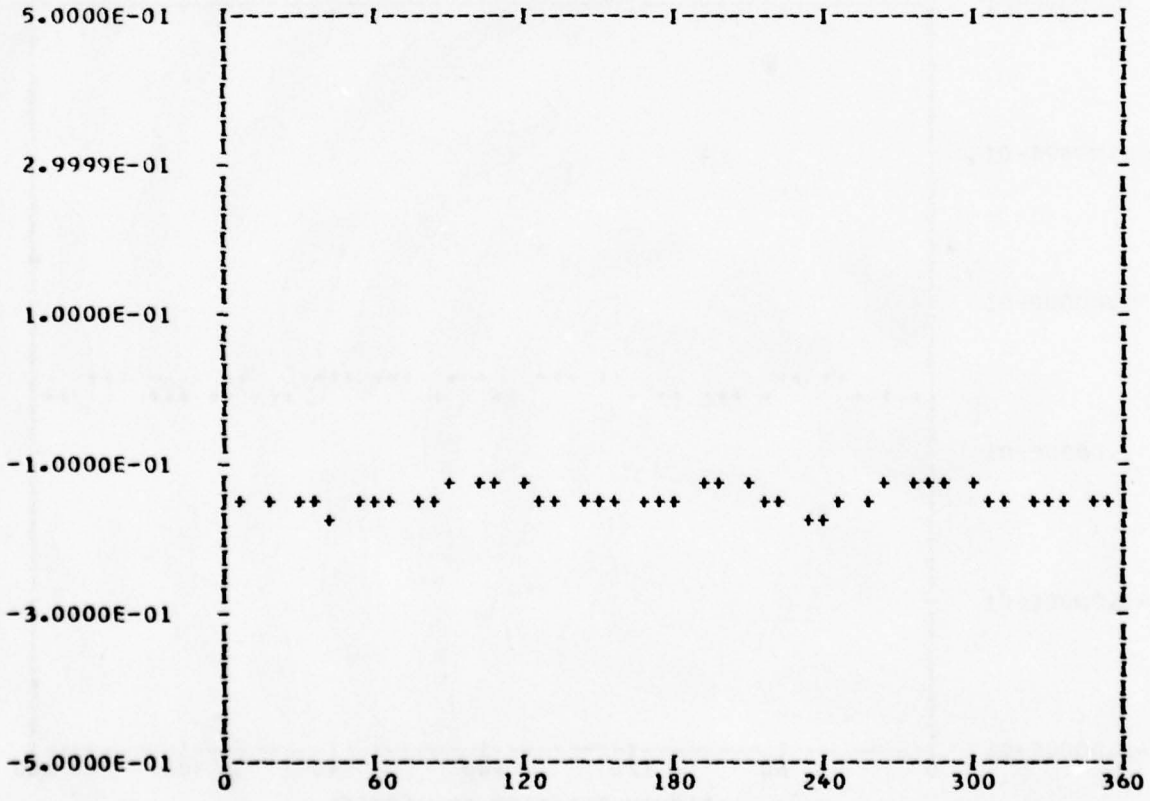
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14259E 00	1	-0.35345E-02	-0.94461E-03	0.36586E-02	255.0
	2	-0.26264E-02	-0.33785E-02	0.42793E-02	217.8
	3	-0.50350E-02	-0.23716E-02	0.55656E-02	244.7
	4	0.13494E-01	0.48238E-02	0.14331E-01	70.3
	5	0.51780E-03	-0.48166E-02	0.48444E-02	173.8
	6	-0.69583E-03	0.90884E-03	0.11446E-02	322.5
	7	0.57373E-03	-0.13354E-02	0.14534E-02	156.7
	8	-0.28501E-02	0.40147E-02	0.49235E-02	324.6
	9	-0.16656E-02	0.13765E-02	0.21608E-02	309.5
	10	-0.46943E-03	0.27070E-02	0.27474E-02	350.1

MAX=-0.11572E 00 MIN=-0.17107E 00 PEAK TO PEAK/2= 0.27671E-01



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

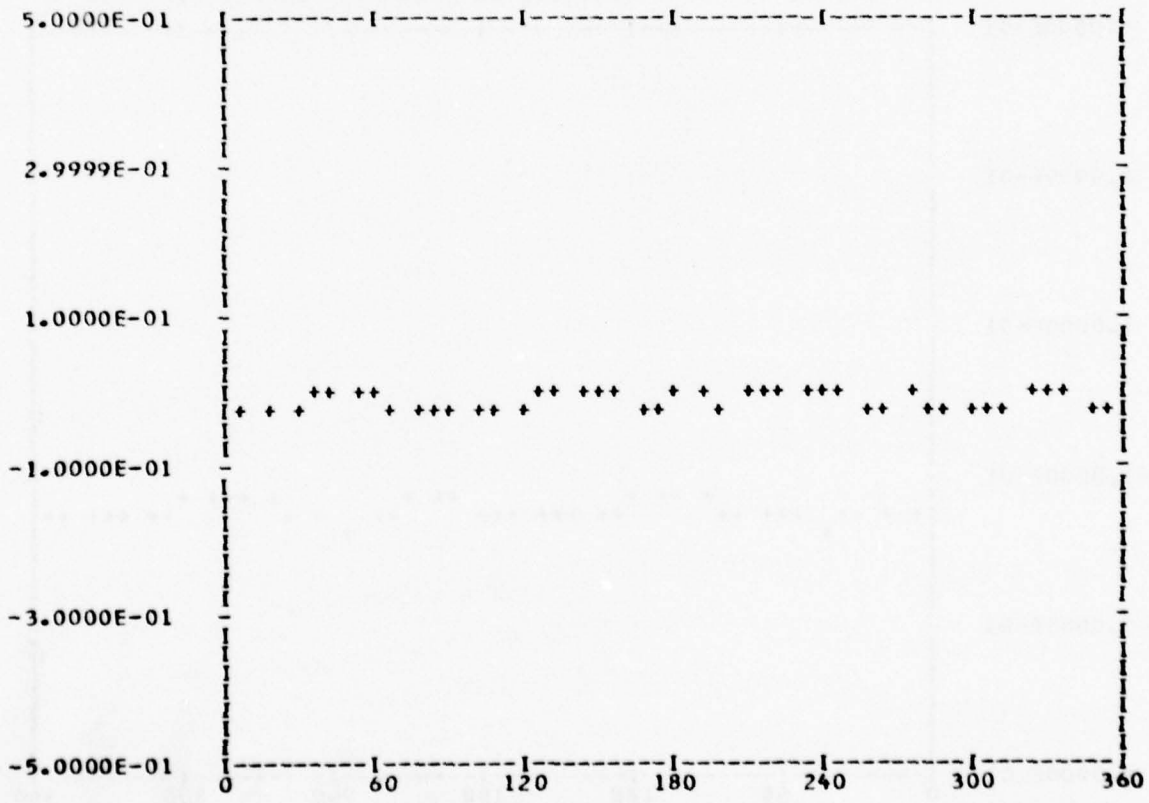
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13556E-01	1	-0.53576E-02	-0.21260E-02	0.57641E-02	248.3
	2	0.49738E-02	-0.20403E-02	0.53761E-02	112.3
	3	0.31457E-02	0.22652E-02	0.38765E-02	54.2
	4	-0.96886E-02	0.40264E-02	0.10492E-01	292.5
	5	-0.17885E-02	-0.26394E-02	0.31883E-02	214.1
	6	-0.56124E-03	0.16444E-02	0.17376E-02	341.1
	7	-0.63967E-03	0.73305E-03	0.97290E-03	318.8
	8	0.36883E-02	-0.11894E-02	0.38754E-02	107.8
	9	-0.71537E-03	0.75337E-03	0.10389E-02	316.4
	10	-0.47872E-03	0.53739E-03	0.71970E-03	318.3

MAX= 0.87049E-02 MIN=-0.37127E-01 PEAK TO PEAK/2= 0.22916E-01



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

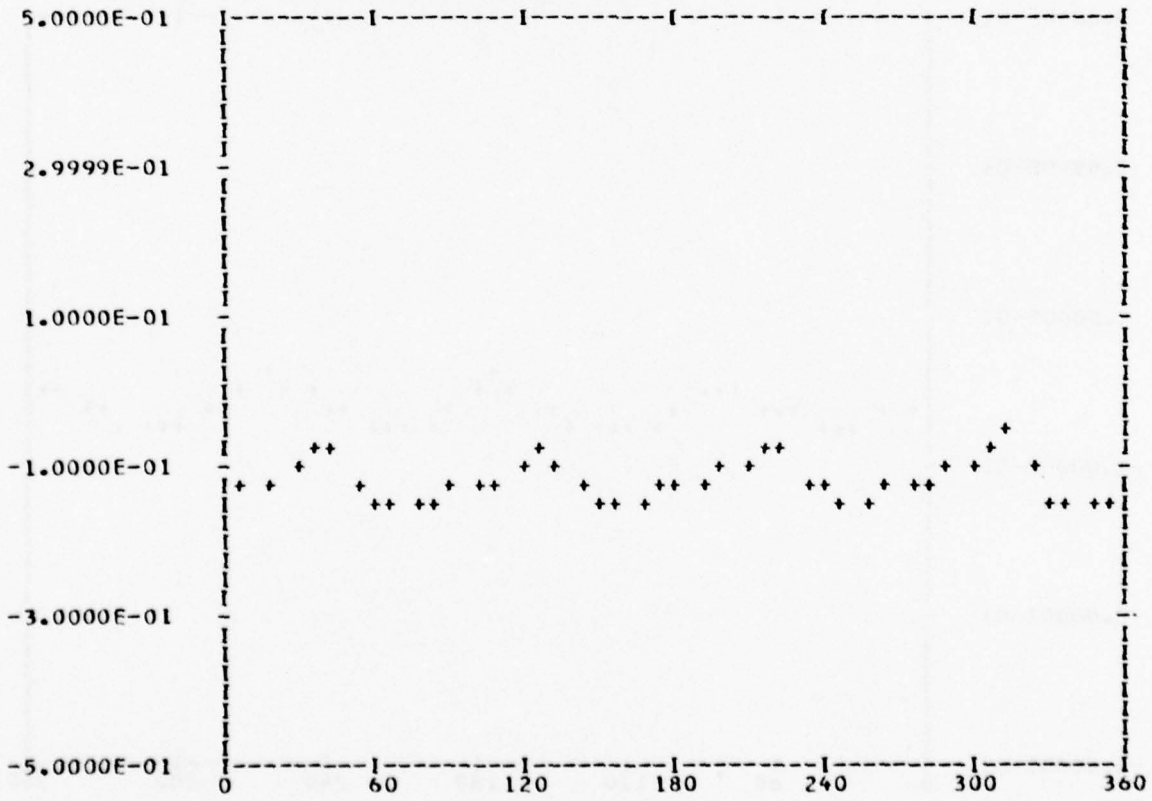
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11884E 00	1	-0.37538E-02	-0.63013E-02	0.73347E-02	210.7
	2	0.63486E-03	-0.10651E-02	0.12400E-02	149.2
	3	-0.34955E-02	-0.90871E-03	0.36117E-02	255.4
	4	-0.25384E-02	0.32178E-01	0.32278E-01	355.4
	5	0.12655E-02	0.57463E-02	0.58840E-02	12.4
	6	0.19671E-03	0.19805E-02	0.19902E-02	5.6
	7	0.78806E-03	0.90739E-03	0.12018E-02	40.9
	8	-0.63806E-02	-0.11256E-01	0.12938E-01	209.5
	9	-0.79802E-03	-0.73691E-03	0.10862E-02	227.2
	10	-0.64641E-03	-0.83041E-03	0.10523E-02	217.8

MAX=-0.51190E-01 MIN=-0.15514E 00 PEAK TO PEAK/2= 0.51979E-01



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

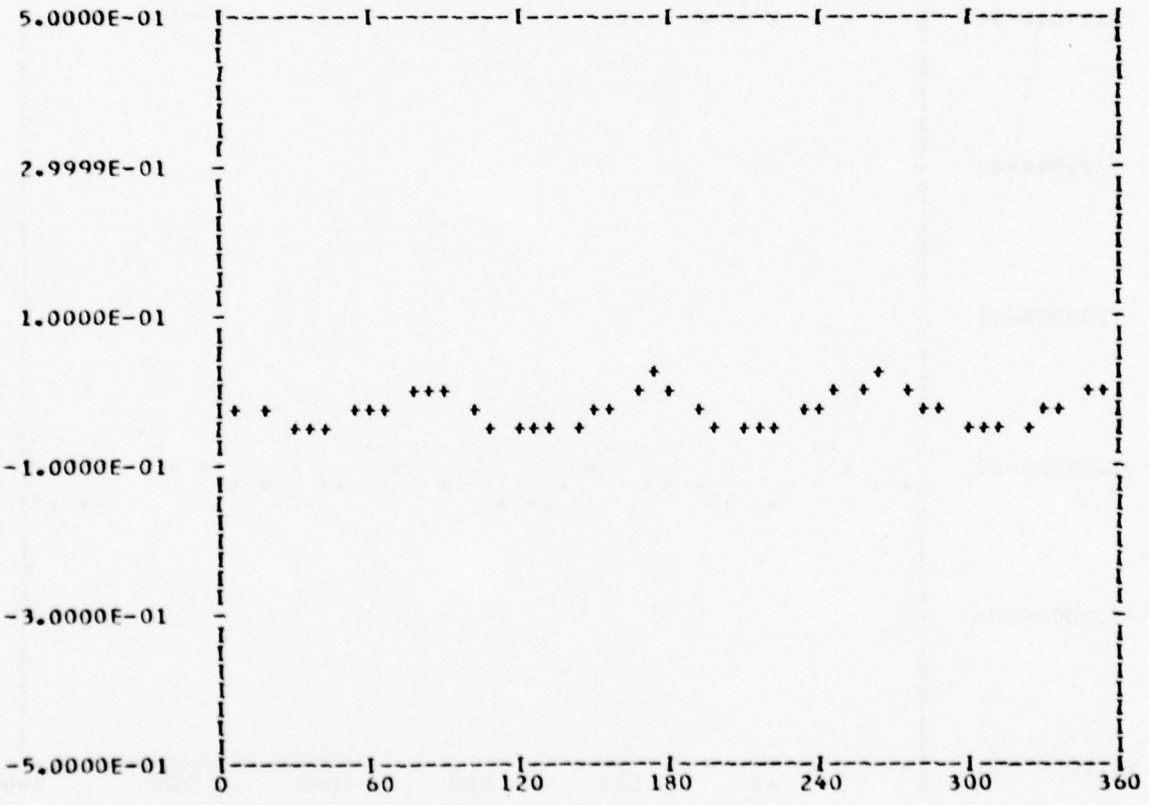
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23048E-01	1	-0.58990E-03	-0.52699E-02	0.53028E-02	186.3
	2	0.40601E-03	0.32143E-02	0.32399E-02	7.1
	3	0.22210E-02	0.22845E-02	0.31862E-02	44.1
	4	0.45075E-02	-0.25736E-01	0.26128E-01	170.0
	5	-0.12204E-02	0.15135E-02	0.19443E-02	321.1
	6	-0.32141E-03	-0.43207E-03	0.53851E-03	216.6
	7	0.14198E-02	-0.21095E-03	0.14354E-02	98.4
	8	-0.65963E-02	-0.42199E-02	0.78306E-02	237.3
	9	0.19155E-03	-0.43001E-03	0.47074E-03	155.9
	10	-0.35003E-03	-0.29553E-03	0.45811E-03	229.8

MAX= 0.27693E-01 MIN=-0.49016E-01 PEAK TO PEAK/2= 0.38354E-01



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

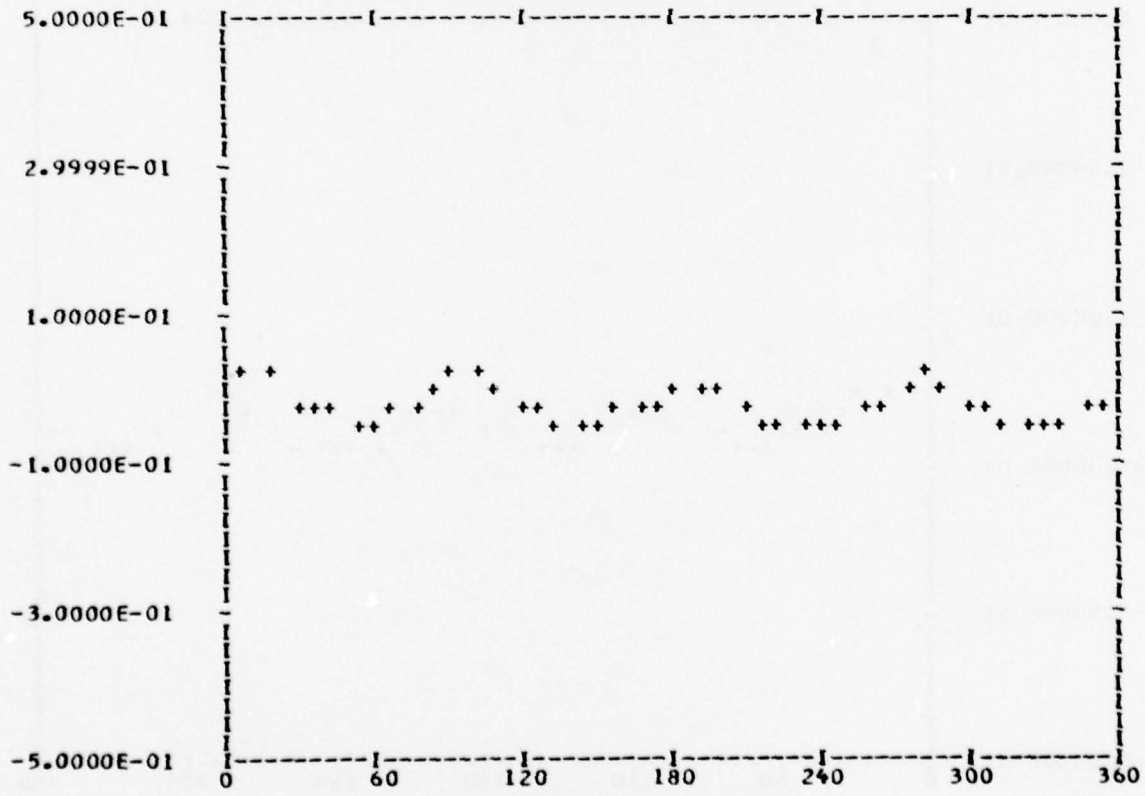
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21023E-01	1	0.25100E-02	0.26908E-02	0.36798E-02	43.0
	2	-0.30560E-02	0.12315E-02	0.32948E-02	291.9
	3	-0.62001E-03	0.18560E-02	0.19568E-02	341.5
	4	0.28503E-01	0.44179E-02	0.28843E-01	81.1
	5	0.10008E-02	0.17594E-02	0.20241E-02	29.6
	6	-0.48956E-03	0.18159E-03	0.52216E-03	290.3
	7	-0.18008E-03	0.72316E-03	0.74525E-03	346.0
	8	0.57198E-02	0.37521E-02	0.68407E-02	56.7
	9	0.24575E-03	0.93305E-03	0.96487E-03	14.7
	10	0.13385E-02	0.22769E-03	0.13577E-02	80.3

MAX= 0.19041E-01 MIN=-0.47730E-01 PEAK TO PEAK/2= 0.33386E-01



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

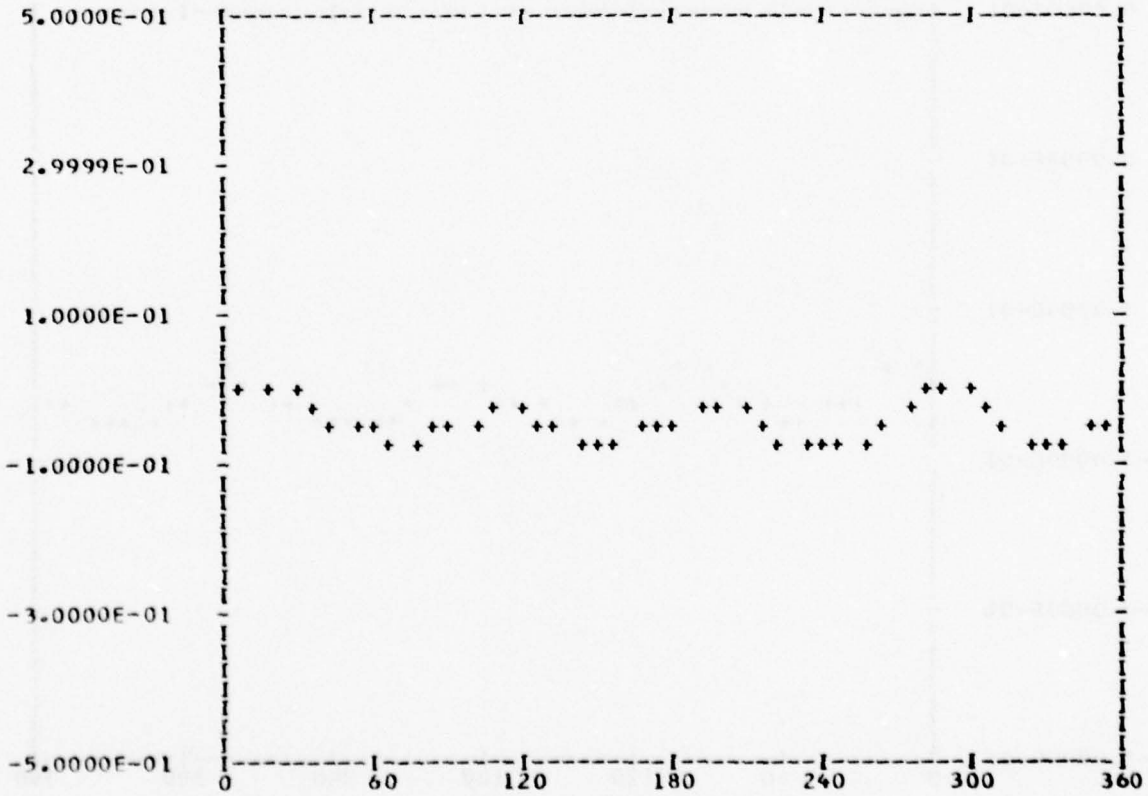
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.45890E-01	1	0.76315E-02	-0.32511E-02	0.82951E-02	113.0
	2	0.24948E-02	0.35359E-04	0.24951E-02	89.1
	3	-0.90264E-03	0.71449E-02	0.72017E-02	352.7
	4	0.21370E-01	0.19432E-01	0.28884E-01	47.7
	5	0.13227E-02	-0.34618E-03	0.13673E-02	104.6
	6	0.63468E-03	0.40579E-03	0.75332E-03	57.4
	7	-0.27723E-03	0.24203E-02	0.24361E-02	353.4
	8	-0.15925E-02	0.85055E-02	0.86533E-02	349.3
	9	0.11638E-02	0.14075E-03	0.11723E-02	83.1
	10	0.19223E-03	0.14133E-02	0.14263E-02	7.7

MAX= 0.12477E-01 MIN=-0.77862E-01 PEAK TO PEAK/2= 0.45169E-01



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

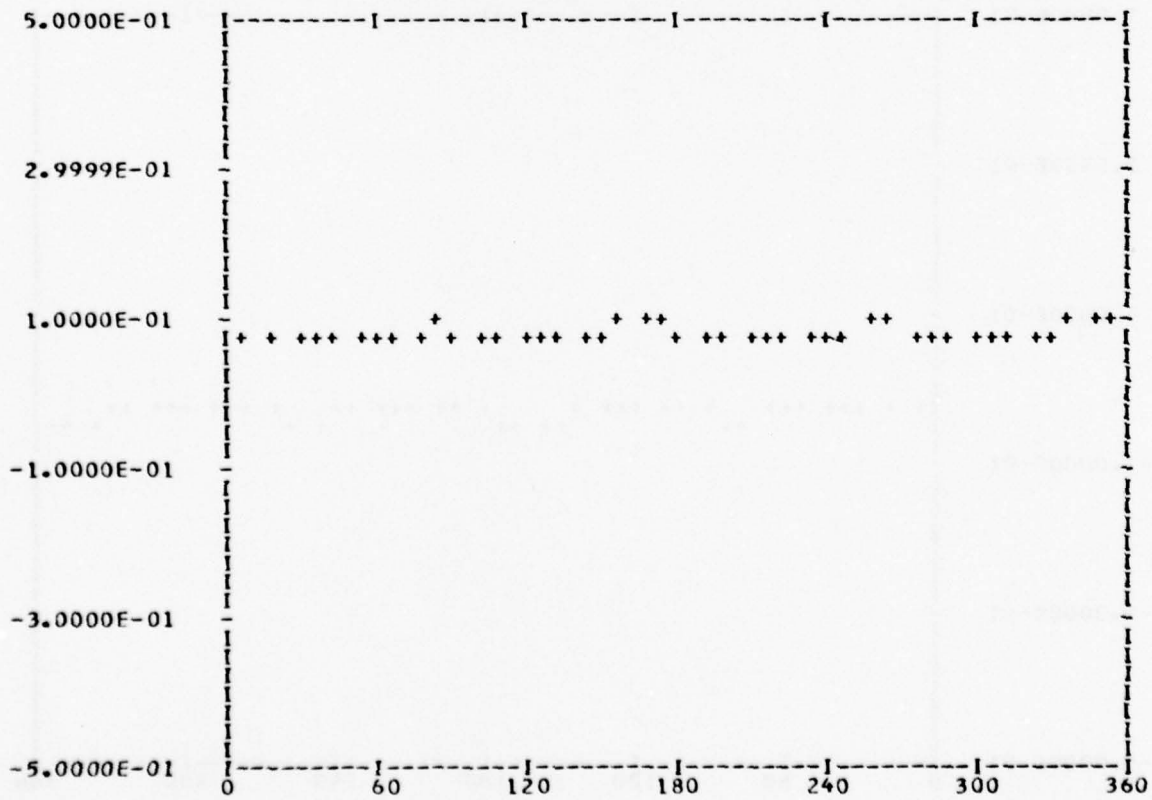
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.82551E-01	1	0.32705E-04	0.25323E-03	0.25533E-03	7.3
	2	0.68364E-03	-0.73489E-03	0.10037E-02	137.0
	3	0.70363E-03	0.77577E-03	0.10473E-02	42.2
	4	-0.67774E-03	-0.74953E-02	0.75259E-02	185.1
	5	-0.11851E-03	0.12275E-03	0.17062E-03	316.0
	6	-0.52169E-03	-0.30327E-03	0.60344E-03	239.8
	7	0.72104E-04	-0.33916E-03	0.34674E-03	167.9
	8	-0.10415E-02	-0.78560E-03	0.13046E-02	232.9
	9	-0.12627E-03	0.21521E-03	0.24952E-03	329.5
	10	0.94588E-04	0.18712E-03	0.20967E-03	26.8

MAX= 0.92958E-01 MIN= 0.74079E-01 PEAK TO PEAK/2= 0.94397E-02



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

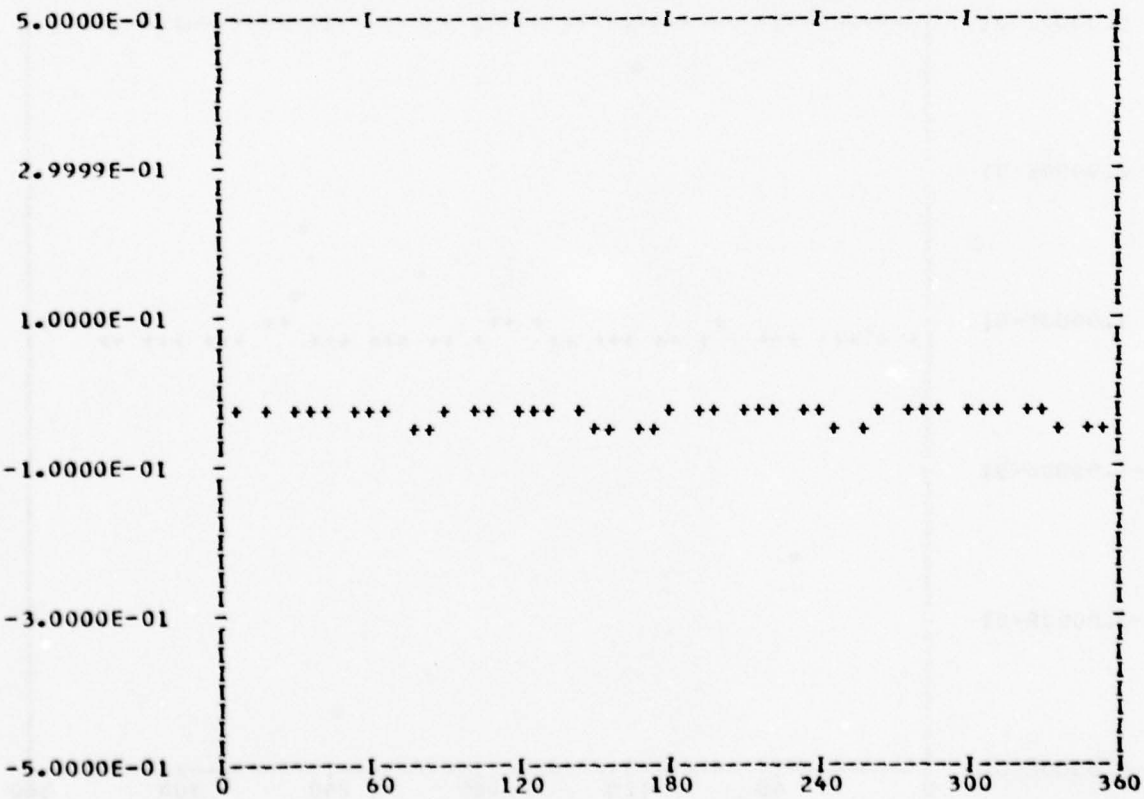
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.33096E-01	1	0.69889E-03	-0.14315E-02	0.15930E-02	153.9
	2	-0.10921E-03	0.13138E-03	0.17085E-03	320.2
	3	-0.92808E-03	0.29350E-03	0.97338E-03	287.5
	4	0.18609E-03	0.68533E-02	0.68558E-02	1.5
	5	0.19374E-03	0.46110E-03	0.50015E-03	22.7
	6	0.75896E-03	0.41665E-03	0.86581E-03	61.2
	7	0.44887E-05	0.36887E-03	0.36890E-03	0.6
	8	-0.67147E-03	-0.54587E-04	0.67369E-03	265.3
	9	-0.94898E-04	0.11841E-03	0.15175E-03	321.2
	10	0.38074E-03	-0.22103E-04	0.38138E-03	93.3

MAX=-0.21777E-01 MIN=-0.41054E-01 PEAK TO PEAK/2= 0.96383E-02



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

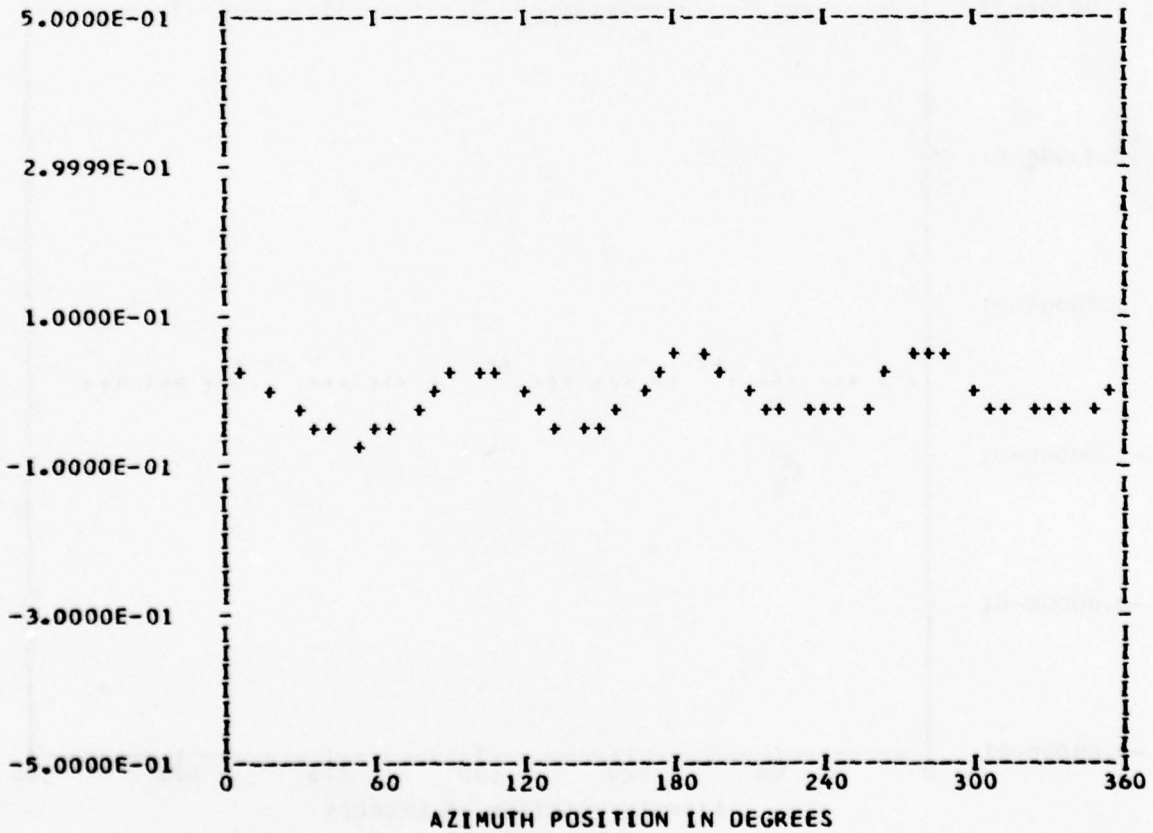
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.68853E-02	1	-0.97703E-02	-0.93795E-02	0.13543E-01	226.1
	2	-0.30474E-02	-0.47637E-02	0.56551E-02	212.6
	3	-0.41777E-02	0.99279E-03	0.42941E-02	283.3
	4	0.43063E-01	-0.43000E-03	0.43065E-01	90.5
	5	0.29083E-03	0.51457E-02	0.51540E-02	3.2
	6	-0.85536E-04	-0.40849E-02	0.40858E-02	181.1
	7	0.15409E-02	0.34659E-02	0.37930E-02	23.9
	8	0.78901E-02	0.13215E-03	0.78912E-02	89.0
	9	0.10735E-02	-0.15757E-02	0.19066E-02	145.7
	10	-0.96609E-03	-0.13065E-02	0.16249E-02	216.4

MAX= 0.57413E-01 MIN=-0.67576E-01 PEAK TO PEAK/2= 0.62495E-01



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

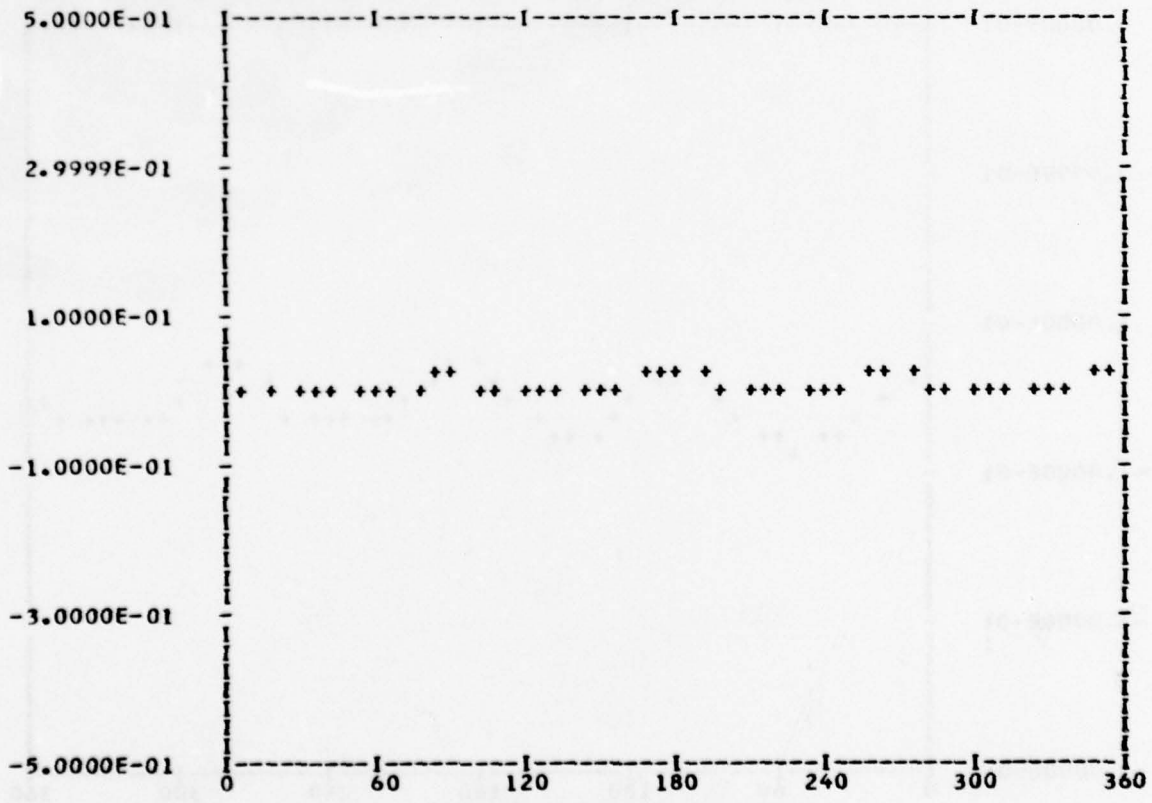
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.33532E-02	1	-0.16578E-02	-0.37770E-03	0.17003E-02	257.1
	2	0.86597E-03	-0.16619E-02	0.18740E-02	152.4
	3	0.23259E-03	0.99626E-03	0.10230E-02	13.1
	4	0.73327E-02	-0.16340E-01	0.17910E-01	155.8
	5	-0.67197E-03	0.97155E-03	0.11813E-02	325.3
	6	-0.23111E-03	-0.66748E-03	0.70636E-03	199.0
	7	0.22813E-03	0.31190E-03	0.38642E-03	36.1
	8	-0.20632E-02	-0.48378E-02	0.52594E-02	203.0
	9	0.24973E-04	0.31055E-03	0.31155E-03	4.5
	10	-0.10092E-03	-0.20433E-03	0.22790E-03	206.2

MAX= 0.32459E-01 MIN=-0.12131E-01 PEAK TO PEAK/2= 0.22295E-01



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

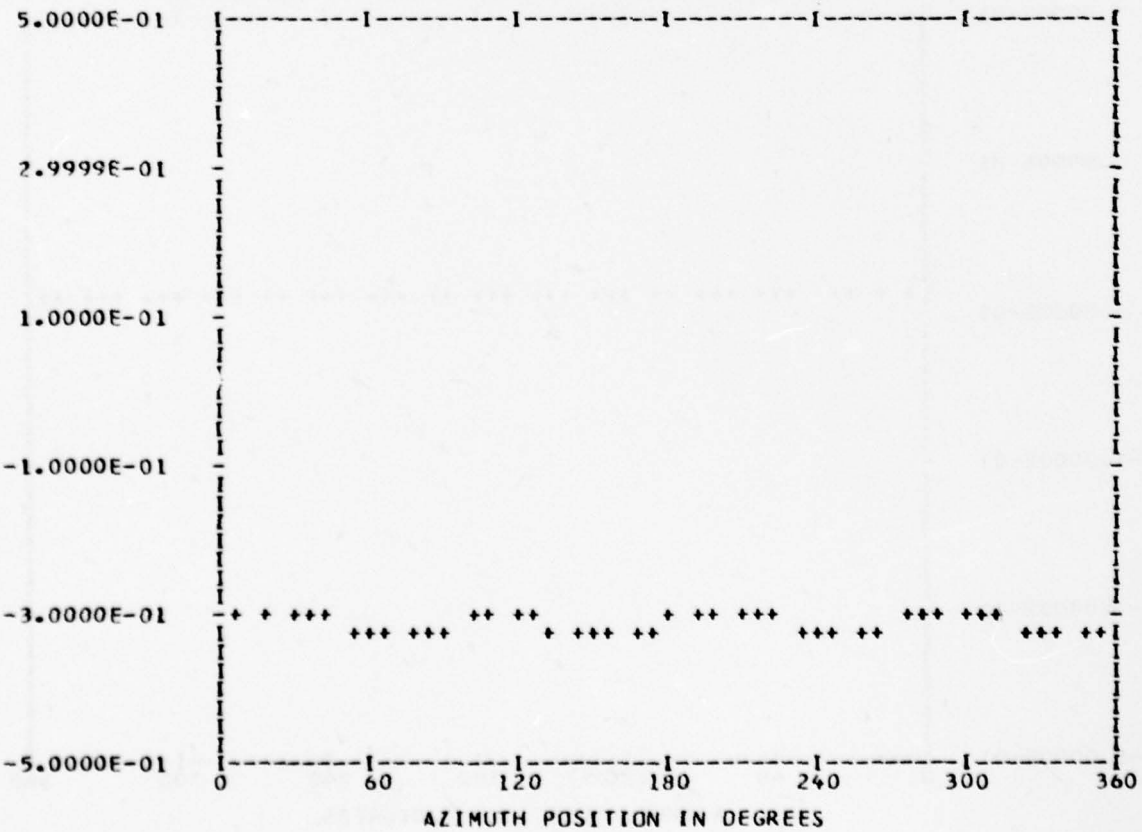
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 11
TP 8
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.31046E 00	1	0.12033E-03	-0.33032E-02	0.33054E-02	177.9
	2	0.67038E-03	0.14427E-02	0.15909E-02	24.9
	3	-0.10043E-02	-0.29136E-03	0.10457E-02	253.8
	4	0.10945E-01	0.12247E-01	0.16425E-01	41.7
	5	-0.52985E-03	0.31440E-03	0.61611E-03	300.6
	6	0.41962E-03	0.58622E-03	0.72092E-03	35.5
	7	-0.32935E-03	0.29952E-03	0.44518E-03	312.2
	8	0.45694E-03	0.28670E-02	0.29032E-02	9.0
	9	0.12975E-03	-0.68739E-04	0.14683E-03	117.9
	10	0.74126E-03	0.12776E-03	0.75219E-03	80.2

MAX=-0.28801E 00 MIN=-0.32924E 00 PEAK TO PEAK/2= 0.20615E-01



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

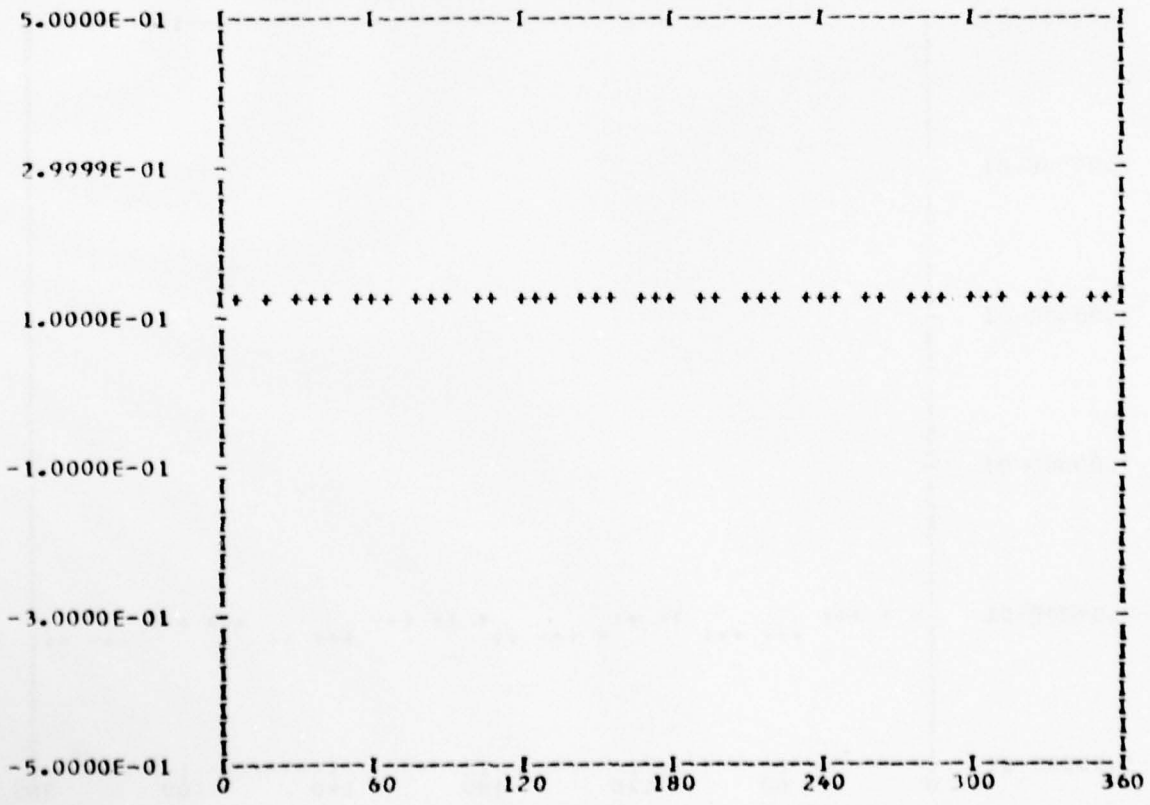
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.12542E 00	1	-0.86951E-03	0.92797E-03	0.12716E-02	316.8
	2	-0.49259E-03	0.70337E-03	0.85870E-03	324.9
	3	-0.87421E-03	-0.55697E-03	0.10365E-02	237.4
	4	0.44083E-02	-0.24414E-02	0.50392E-02	118.9
	5	0.66071E-06	-0.47759E-03	0.47759E-03	179.9
	6	0.54303E-03	-0.20816E-03	0.58156E-03	110.9
	7	0.10441E-02	0.33696E-03	0.10971E-02	72.1
	8	-0.11465E-02	-0.17732E-02	0.21116E-02	212.8
	9	0.41274E-03	0.19484E-03	0.45642E-03	64.7
	10	-0.47335E-03	-0.57541E-03	0.74509E-03	219.4

MAX= 0.13388E 00 MIN= 0.11713E 00 PEAK TO PEAK/2= 0.83721E-02



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

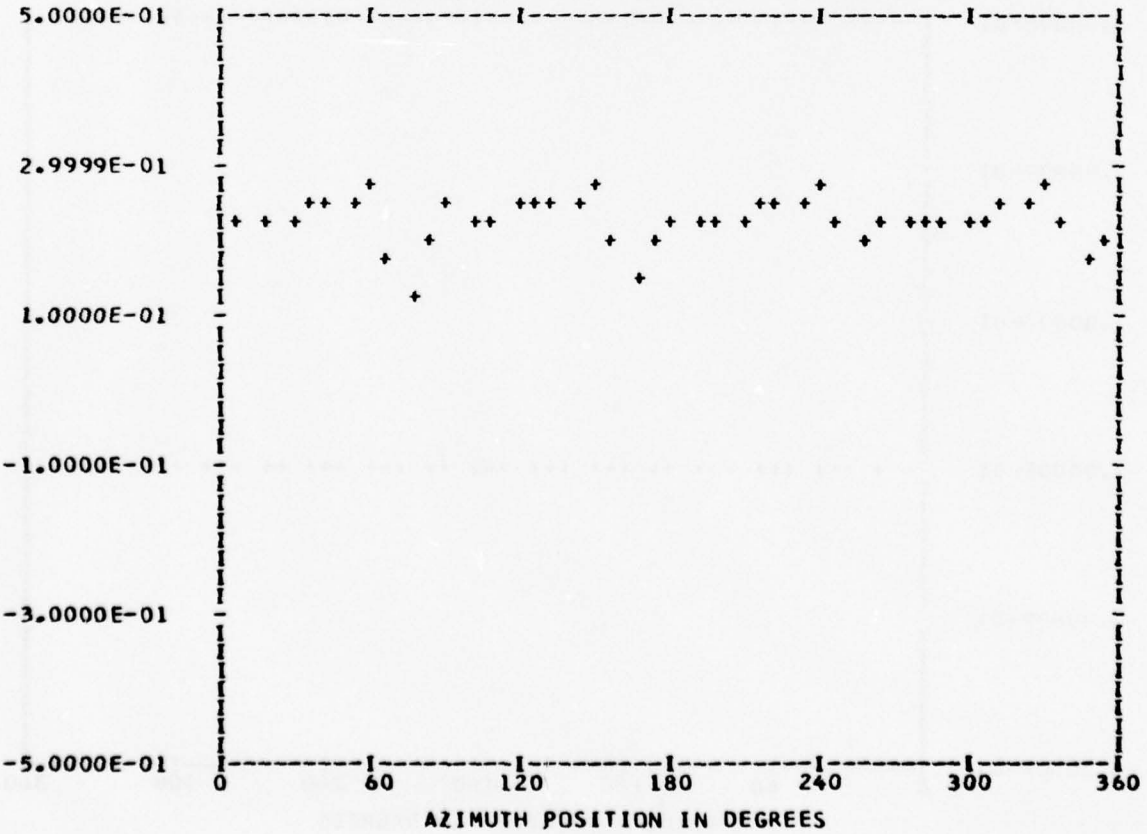
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.22826E 00	1	-0.18943E-02	-0.34439E-02	0.39306E-02	208.8
	2	-0.12169E-02	-0.74148E-03	0.14250E-02	238.6
	3	0.61834E-02	-0.30481E-02	0.68939E-02	116.2
	4	-0.13902E-01	0.21822E-01	0.25875E-01	327.5
	5	-0.77055E-02	0.21613E-02	0.80029E-02	285.6
	6	-0.28043E-02	0.13586E-02	0.31161E-02	295.8
	7	-0.28294E-02	-0.43069E-02	0.51532E-02	213.3
	8	0.22223E-01	-0.10050E-02	0.22245E-01	92.5
	9	0.21848E-02	0.43426E-02	0.48612E-02	26.7
	10	0.10365E-02	0.23404E-02	0.25596E-02	23.8

MAX= 0.26624E 00 MIN= 0.13235E 00 PEAK TO PEAK/2= 0.66943E-01



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

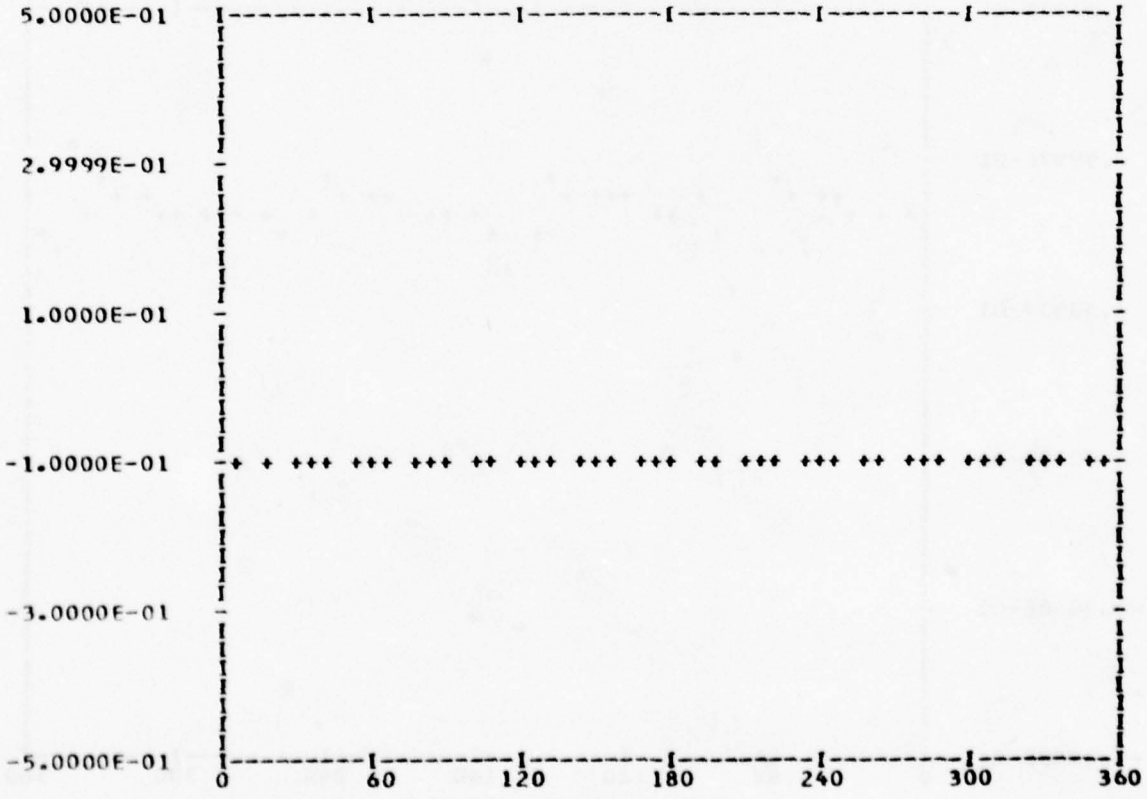
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.94242E-01	1	0.12955E-03	-0.25077E-04	0.13195E-03	100.9
	2	0.10375E-03	-0.14027E-03	0.17447E-03	143.5
	3	-0.44068E-03	-0.10588E-03	0.45322E-03	256.4
	4	-0.10146E-02	-0.21206E-02	0.23508E-02	205.5
	5	-0.43416E-03	0.56264E-04	0.43779E-03	277.3
	6	0.53904E-04	0.18387E-03	0.19161E-03	16.3
	7	-0.80306E-04	-0.30287E-05	0.80363E-04	267.8
	8	-0.90365E-03	-0.37994E-03	0.98028E-03	247.1
	9	0.40871E-04	-0.11583E-03	0.12283E-03	160.5
	10	-0.13886E-03	0.21476E-04	0.14051E-03	278.7

MAX=-0.90250E-01 MIN=-0.97511E-01 PEAK TO PEAK/2= 0.36307E-02



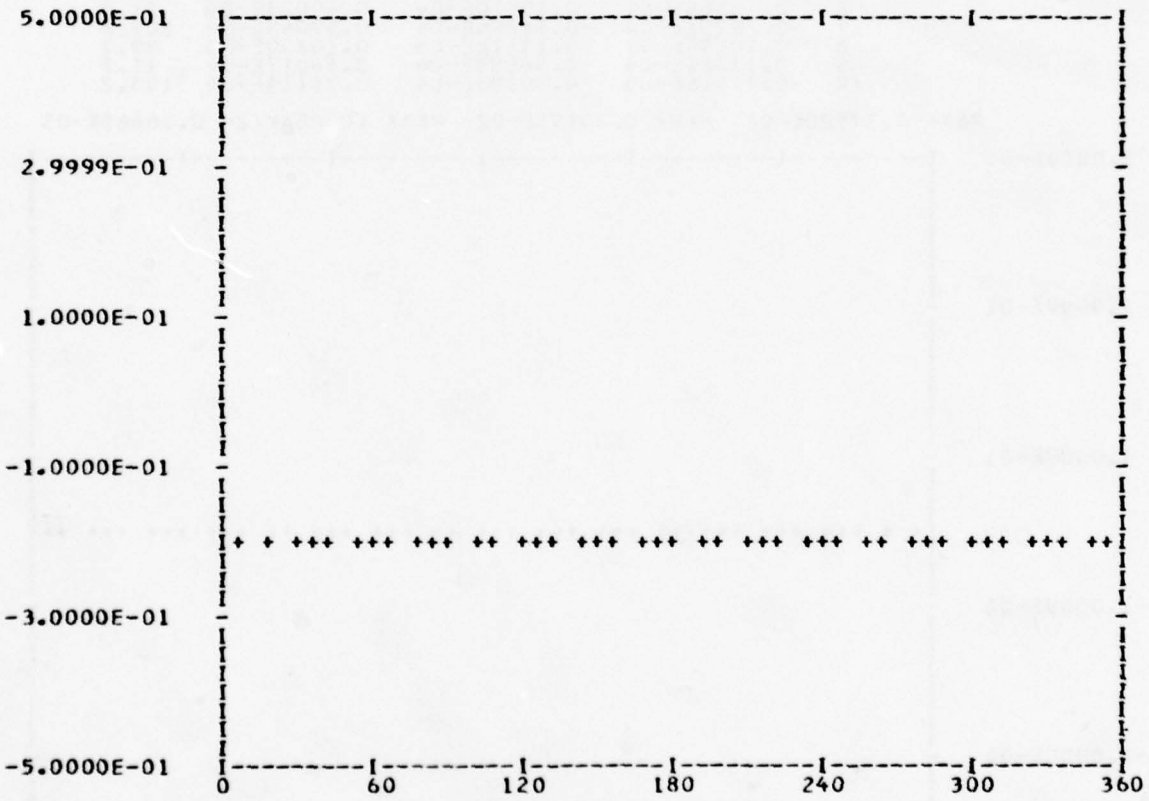
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	12
ENTERED	44	TP	2
OUT OF RANGE	0	CHAN	51
BANDEDGE	43		

HARMONIC ANALYSIS SKIPPED

MAX=-0.19019E 00 MIN=-0.19221E 00 PEAK TO PEAK/2= 0.10119E-02



AZIMUTH POSITION IN DEGREES

8888 A N N DDDD EEEEE DDDD GGGG EEEEE
B B A A NN N D D E D D G E
8888 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
8888 A A N N DDDD EEEEE DDDD GGGG EEEEE

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

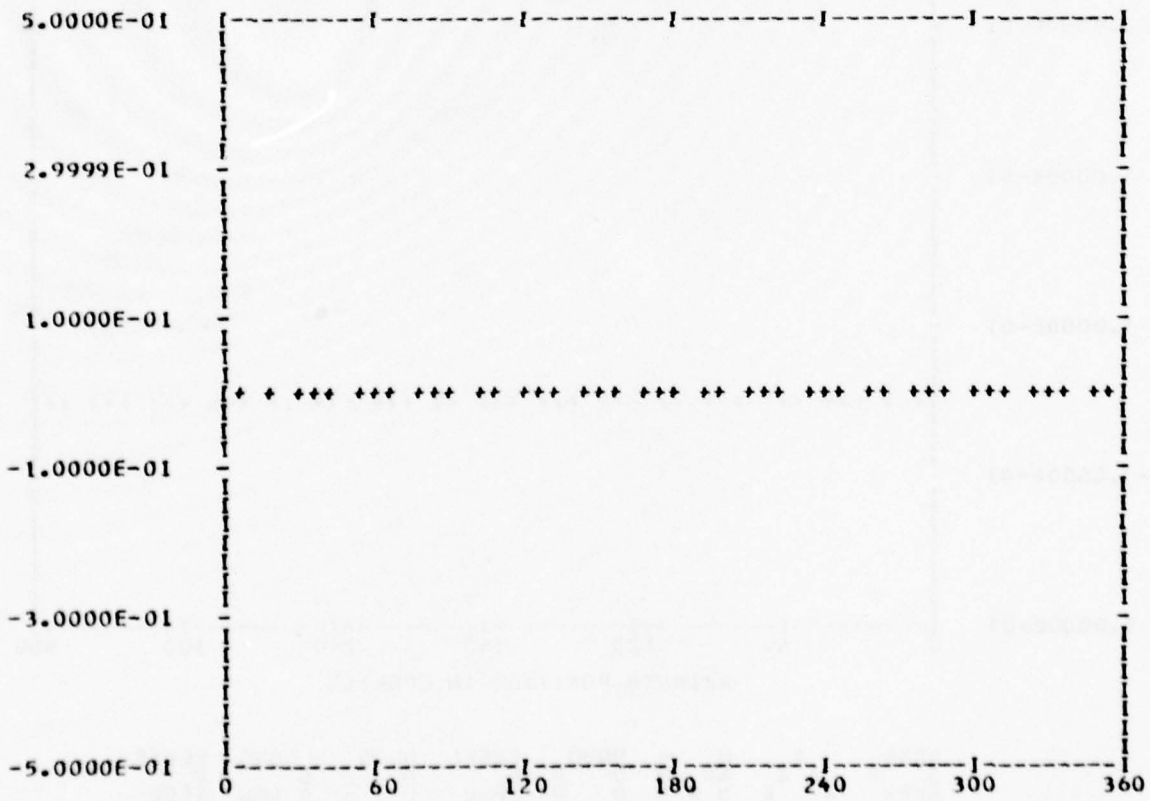
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.33920E-02	1	0.44399E-06	-0.28279E-04	0.28283E-04	179.1
	2	0.82480E-04	-0.33046E-04	0.88854E-04	111.8
	3	0.43844E-04	-0.76561E-05	0.44508E-04	99.9
	4	0.31472E-04	0.29616E-05	0.31611E-04	84.6
	5	-0.95123E-05	0.24635E-04	0.26407E-04	338.8
	6	0.46369E-04	0.15910E-04	0.49023E-04	71.0
	7	-0.29251E-04	-0.51294E-04	0.59049E-04	209.6
	8	0.10199E-03	0.13118E-05	0.10200E-03	89.2
	9	0.11386E-04	0.56888E-04	0.58017E-04	11.3
	10	-0.71416E-05	-0.30283E-04	0.31114E-04	193.2

MAX= 0.37528E-02 MIN= 0.30195E-02 PEAK TO PEAK/2= 0.36665E-03



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

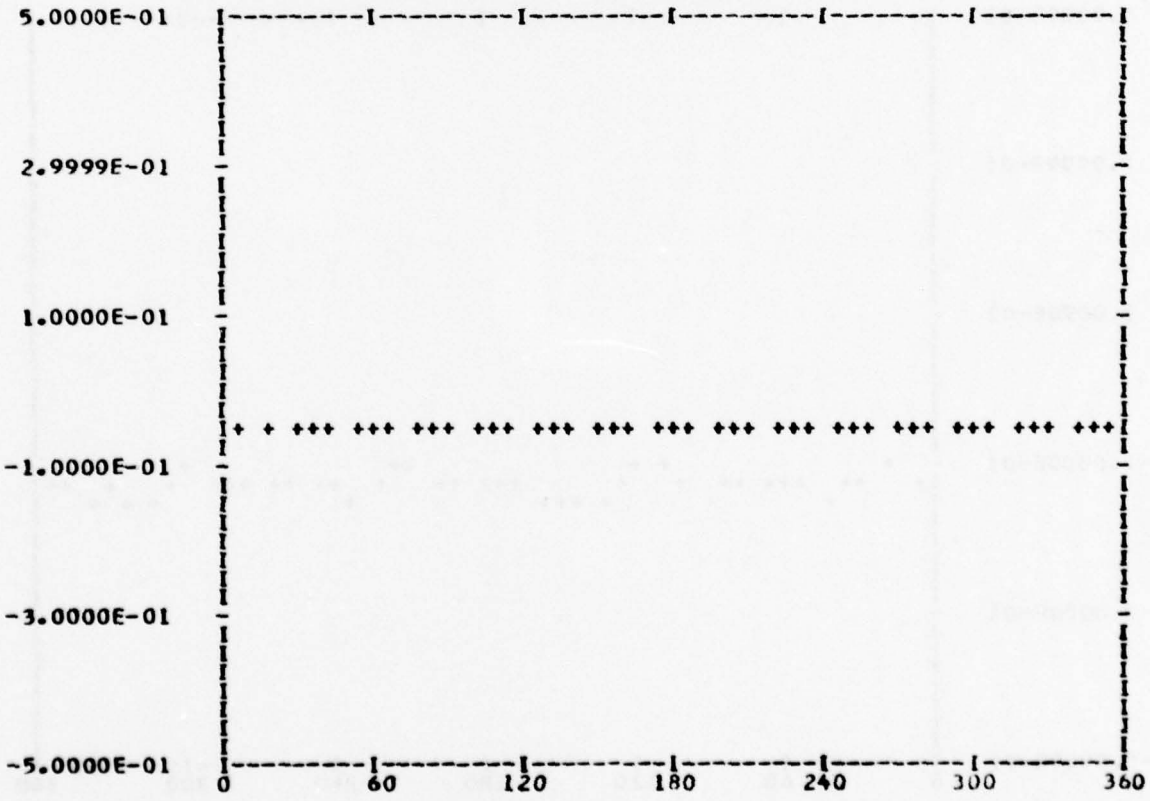
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.49053E-01	1	0.87609E-03	0.36760E-03	0.95009E-03	67.2
	2	0.30965E-02	0.14057E-02	0.34007E-02	65.5
	3	0.28380E-03	0.21794E-02	0.21978E-02	7.4
	4	-0.29061E-03	-0.17966E-02	0.18199E-02	189.1
	5	-0.13629E-02	0.20988E-03	0.13790E-02	278.7
	6	-0.83729E-03	-0.15913E-03	0.85228E-03	259.2
	7	0.15583E-03	0.15076E-02	0.15157E-02	5.9
	8	-0.14024E-02	0.66929E-03	0.15539E-02	295.5
	9	0.41754E-03	0.22191E-03	0.47285E-03	62.0
	10	-0.49138E-03	0.40244E-03	0.63515E-03	309.3

MAX=-0.39723E-01 MIN=-0.57412E-01 PEAK TO PEAK/2= 0.88444E-02



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

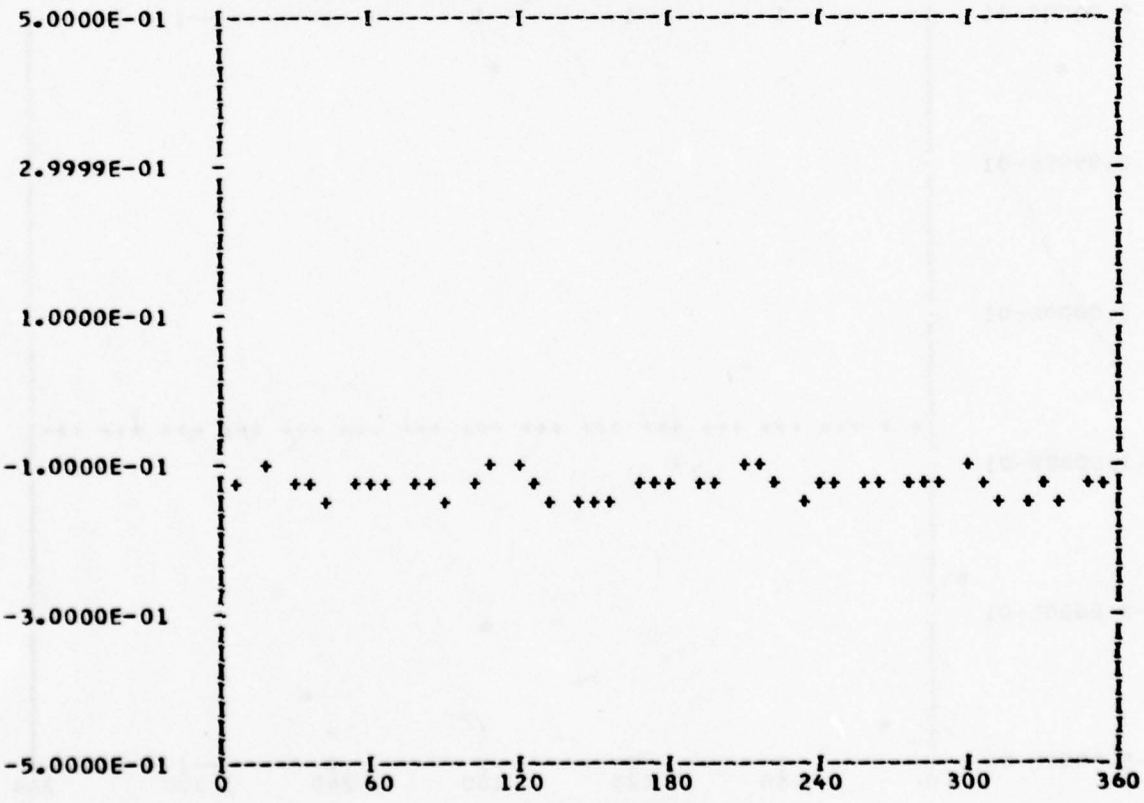
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12901E 00	1	0.25635E-03	-0.17357E-03	0.30959E-03	124.1
	2	-0.25827E-03	0.37503E-02	0.37592E-02	356.0
	3	-0.39354E-03	-0.20873E-02	0.21240E-02	190.6
	4	0.95316E-02	0.81363E-02	0.12532E-01	49.5
	5	0.33964E-03	0.78604E-03	0.85628E-03	23.3
	6	0.57905E-03	-0.28124E-02	0.28714E-02	168.3
	7	0.39316E-02	0.29758E-02	0.49308E-02	52.8
	8	-0.65981E-02	0.53933E-02	0.85219E-02	309.2
	9	0.12485E-02	0.66047E-03	0.14124E-02	62.1
	10	0.86198E-03	-0.91738E-03	0.12588E-02	136.7

MAX=-0.10080E 00 MIN=-0.16154E 00 PEAK TO PEAK/2= 0.30368E-01



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

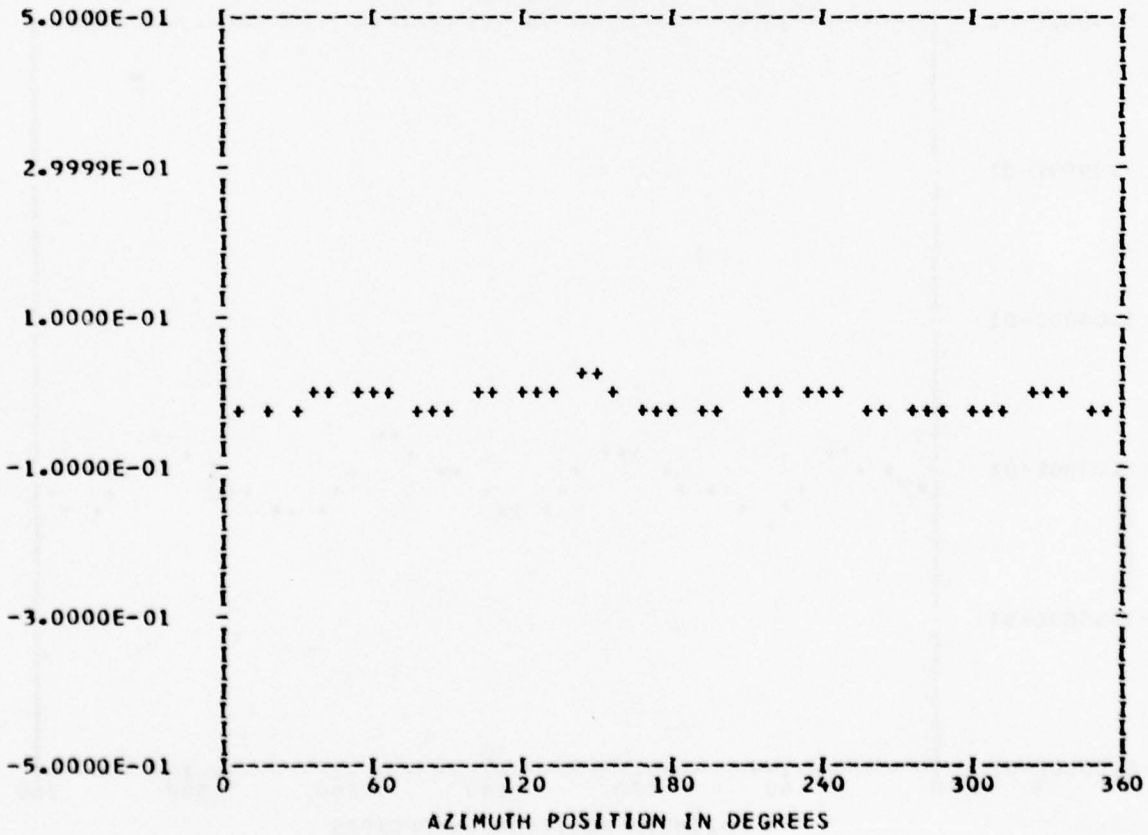
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.81654E-02	1	-0.94793E-03	0.70396E-02	0.71031E-02	352.3
	2	0.13487E-02	0.11439E-02	0.17685E-02	49.6
	3	0.22336E-02	-0.43202E-02	0.48634E-02	152.6
	4	-0.14297E-01	0.42841E-02	0.14925E-01	286.6
	5	-0.18726E-02	-0.58454E-03	0.19617E-02	252.6
	6	-0.19552E-02	0.15563E-03	0.19614E-02	274.5
	7	0.55641E-03	-0.13177E-03	0.57180E-03	103.3
	8	0.55696E-02	0.14904E-02	0.57656E-02	75.0
	9	0.22183E-03	0.15754E-03	0.27208E-03	54.6
	10	-0.60032E-03	-0.12196E-02	0.13593E-02	206.2

MAX= 0.14640E-01 MIN=-0.29609E-01 PEAK TO PEAK/2= 0.22125E-01



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

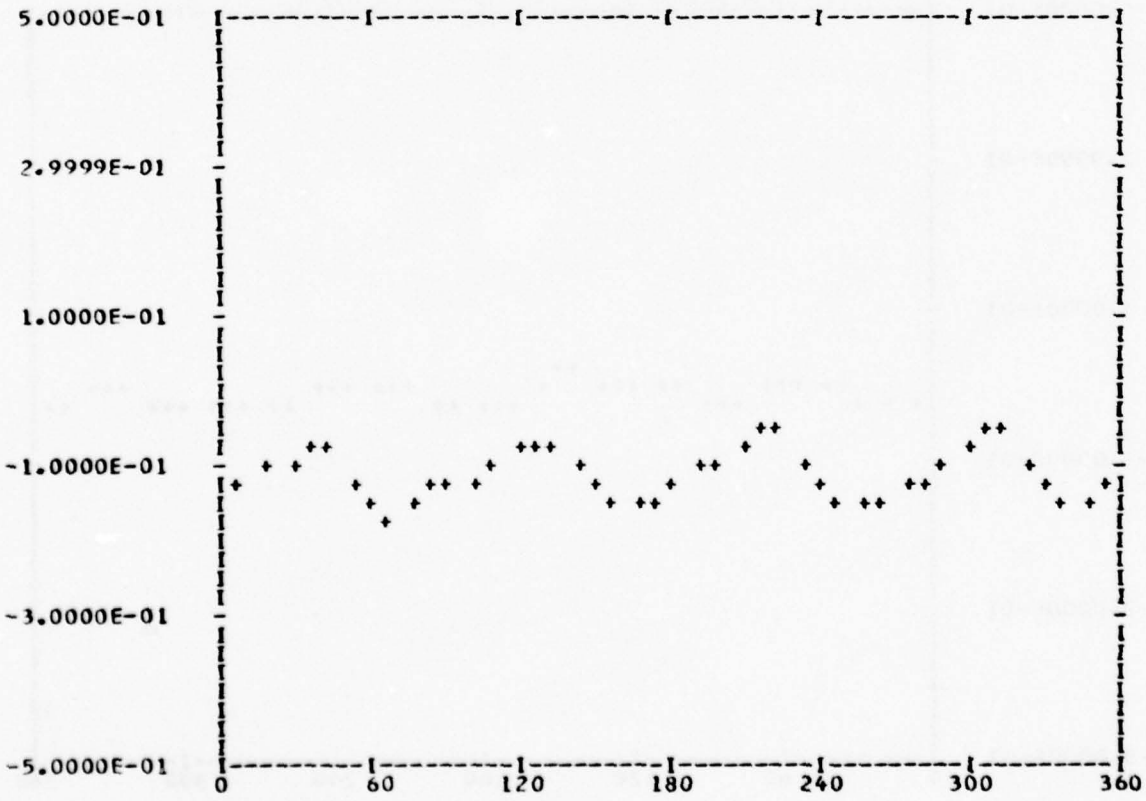
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11166E 00	1	-0.31865E-02	-0.53710E-02	0.62451E-02	210.6
	2	0.13823E-02	-0.27769E-02	0.31019E-02	153.5
	3	-0.88601E-03	-0.62791E-02	0.63413E-02	188.0
	4	-0.40291E-02	0.39574E-01	0.39778E-01	354.1
	5	0.40033E-02	0.31536E-02	0.50962E-02	51.7
	6	-0.34128E-02	0.13665E-02	0.36762E-02	291.8
	7	-0.20993E-03	0.38715E-03	0.44041E-03	331.5
	8	-0.64489E-02	-0.13135E-01	0.14633E-01	206.1
	9	-0.61569E-03	-0.26990E-02	0.27684E-02	192.8
	10	0.13073E-02	-0.12346E-02	0.17981E-02	133.3

MAX=-0.42795E-01 MIN=-0.16303E 00 PEAK TO PEAK/2= 0.60122E-01



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

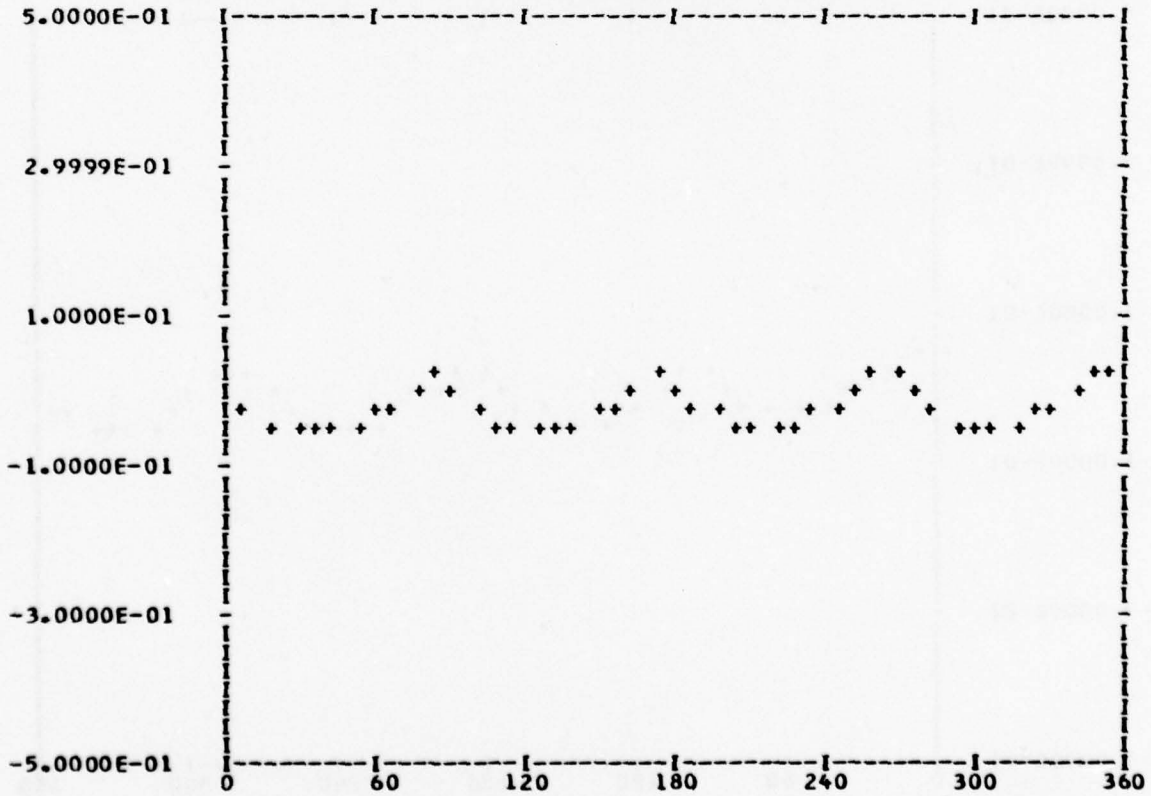
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22722E-01	1	-0.11985E-02	-0.30557E-02	0.32823E-02	201.4
	2	0.49225E-03	-0.18043E-02	0.18703E-02	164.7
	3	0.50349E-03	-0.15414E-02	0.16216E-02	161.9
	4	-0.39321E-02	-0.31316E-01	0.31562E-01	187.1
	5	-0.10579E-02	0.18613E-02	0.21409E-02	330.3
	6	-0.44690E-03	0.86888E-03	0.97707E-03	332.7
	7	-0.18449E-04	-0.25255E-03	0.25323E-03	184.1
	8	-0.98875E-02	-0.35250E-03	0.98938E-02	267.9
	9	0.74666E-03	0.32585E-03	0.81467E-03	66.4
	10	0.44081E-03	0.73522E-03	0.85724E-03	30.9

MAX= 0.26053E-01 MIN=-0.52548E-01 PEAK TO PEAK/2= 0.39301E-01



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

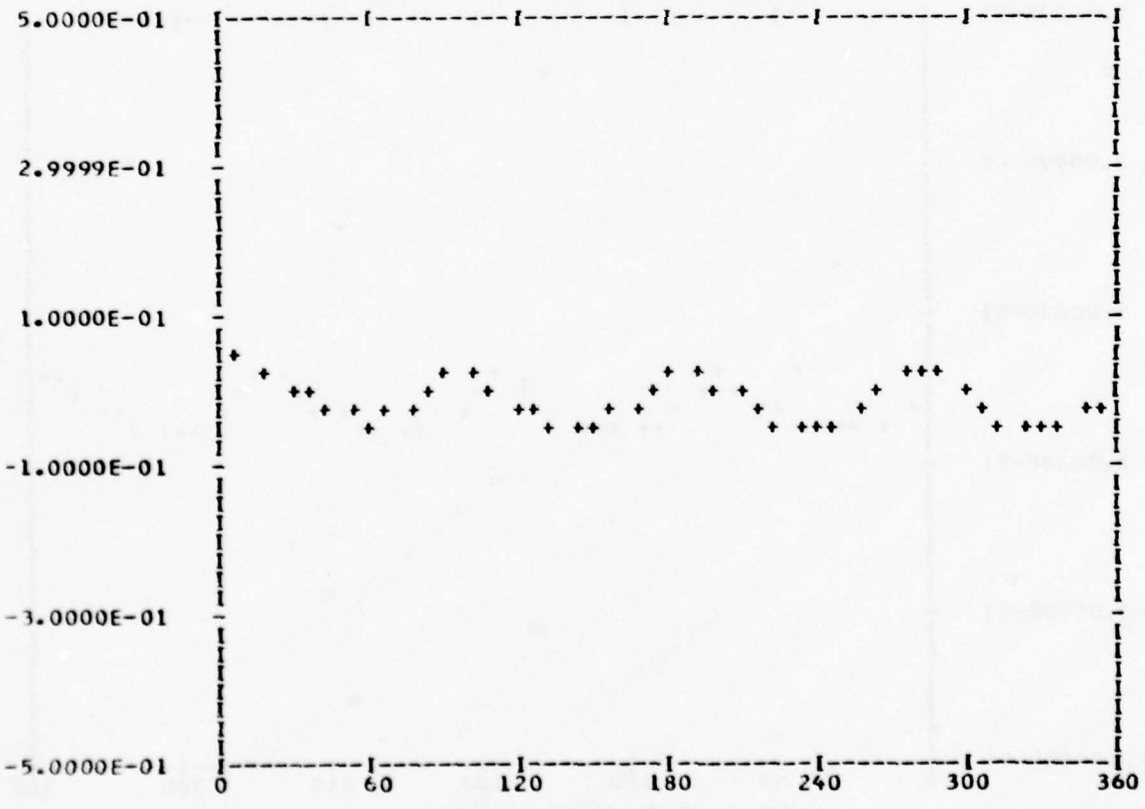
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15434E-01	1	-0.63680E-04	0.19169E-02	0.19180E-02	358.0
	2	0.96408E-05	0.55941E-02	0.55941E-02	0.0
	3	0.14604E-03	0.67672E-02	0.67688E-02	1.2
	4	0.34014E-01	0.75657E-02	0.34845E-01	77.4
	5	0.20266E-02	0.11192E-02	0.23151E-02	61.0
	6	-0.15682E-02	0.14926E-02	0.21650E-02	313.5
	7	-0.11927E-02	0.16732E-02	0.20548E-02	324.5
	8	0.60397E-02	0.33577E-02	0.69103E-02	60.9
	9	-0.46621E-03	-0.20506E-04	0.46666E-03	267.4
	10	-0.85246E-06	0.14050E-02	0.14050E-02	359.9

MAX= 0.38960E-01 MIN=-0.55810E-01 PEAK TO PEAK/2= 0.47385E-01



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

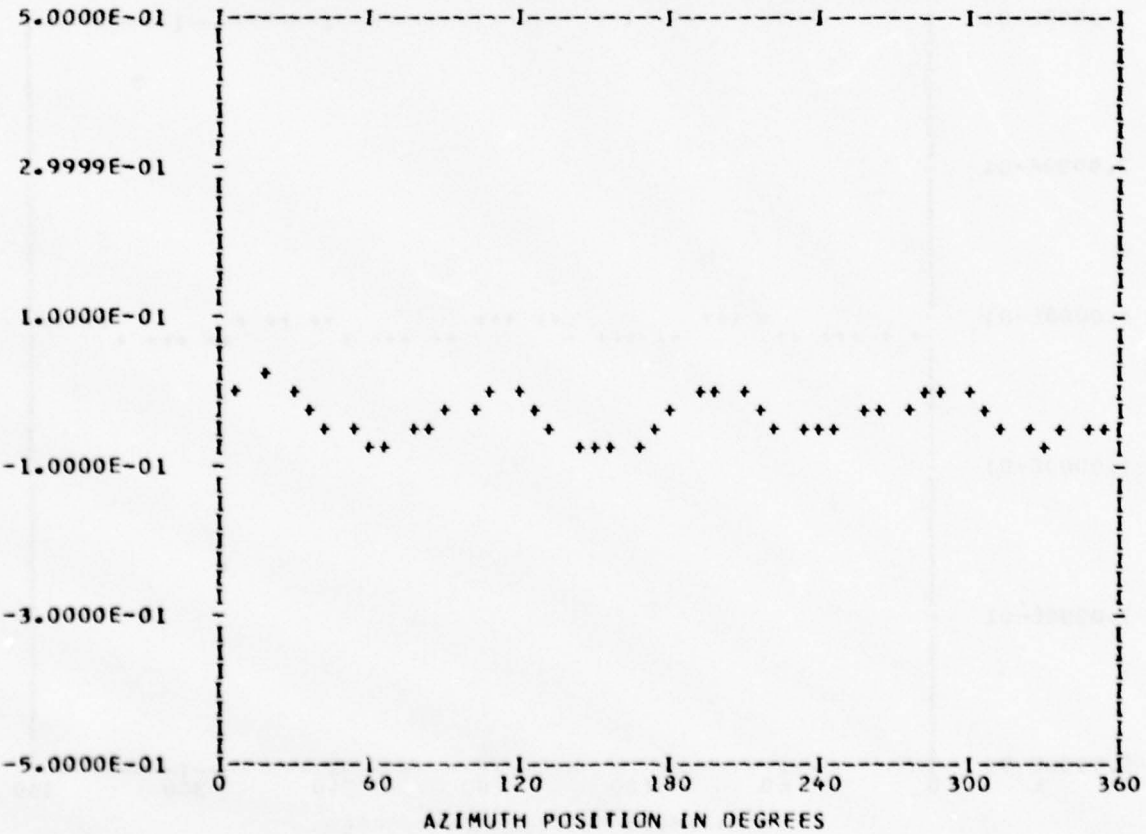
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.34482E-01	1	0.17552E-02	-0.94364E-02	0.95982E-02	169.4
	2	-0.69362E-03	0.67087E-02	0.67445E-02	354.0
	3	0.43184E-02	0.62240E-03	0.43631E-02	81.7
	4	0.25910E-01	0.22119E-01	0.34067E-01	49.5
	5	-0.72227E-03	-0.14476E-02	0.16178E-02	206.5
	6	-0.40464E-03	0.12878E-02	0.13498E-02	342.5
	7	-0.97020E-03	-0.74017E-03	0.12203E-02	232.6
	8	-0.25780E-02	0.68460E-02	0.73153E-02	339.3
	9	0.73400E-03	0.66214E-03	0.98853E-03	47.9
	10	0.79824E-03	-0.46391E-05	0.79825E-03	90.3

MAX= 0.14708E-01 MIN=-0.75352E-01 PEAK TO PEAK/2= 0.45030E-01



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

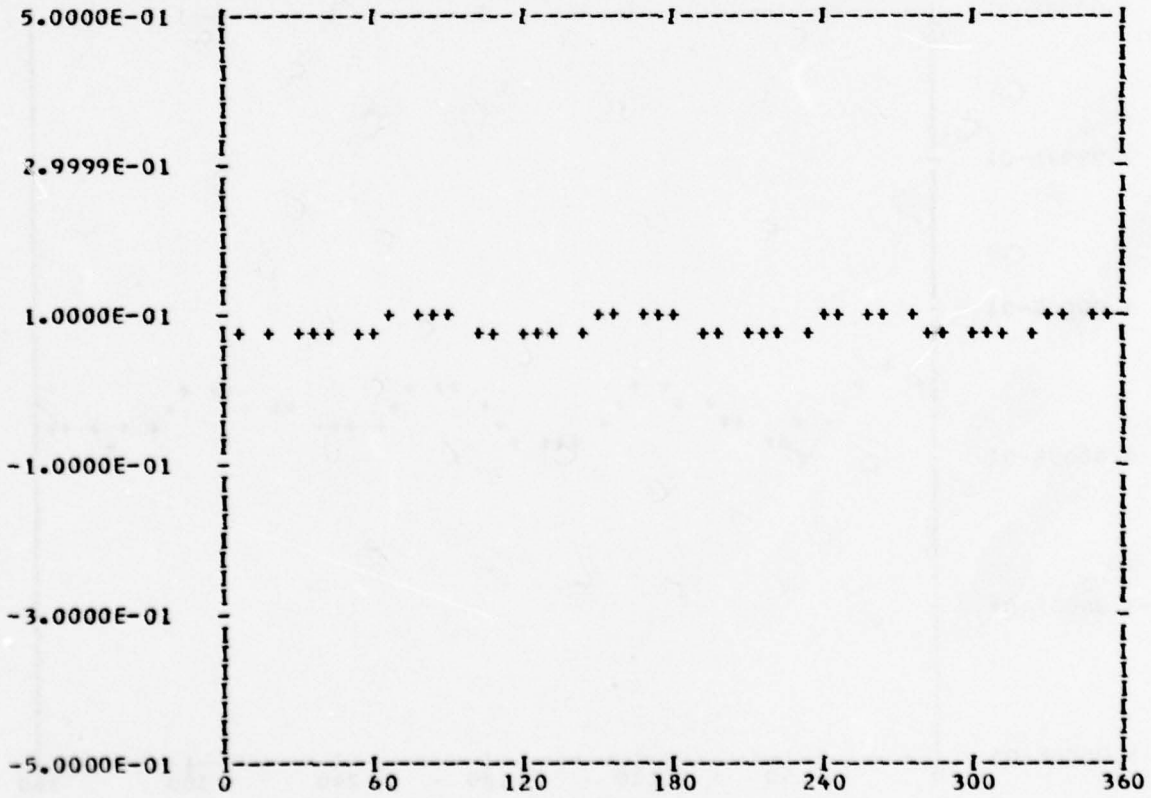
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.85901E-01	1	-0.84717E-03	-0.13948E-02	0.16320E-02	211.2
	2	-0.51474E-04	-0.55955E-03	0.56191E-03	185.2
	3	-0.68677E-04	0.20715E-03	0.21824E-03	341.6
	4	-0.16741E-02	-0.95692E-02	0.97145E-02	189.9
	5	-0.52068E-03	0.20366E-03	0.55910E-03	291.3
	6	0.19077E-03	0.41489E-04	0.19523E-03	77.7
	7	-0.26550E-03	-0.12868E-03	0.29504E-03	244.1
	8	-0.21537E-02	-0.84660E-03	0.23141E-02	248.5
	9	0.12377E-04	-0.21190E-03	0.21226E-03	176.6
	10	0.85359E-05	-0.26573E-06	0.85400E-05	91.7

MAX= 0.10026E 00 MIN= 0.76093E-01 PEAK TO PEAK/2= 0.12087E-01



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

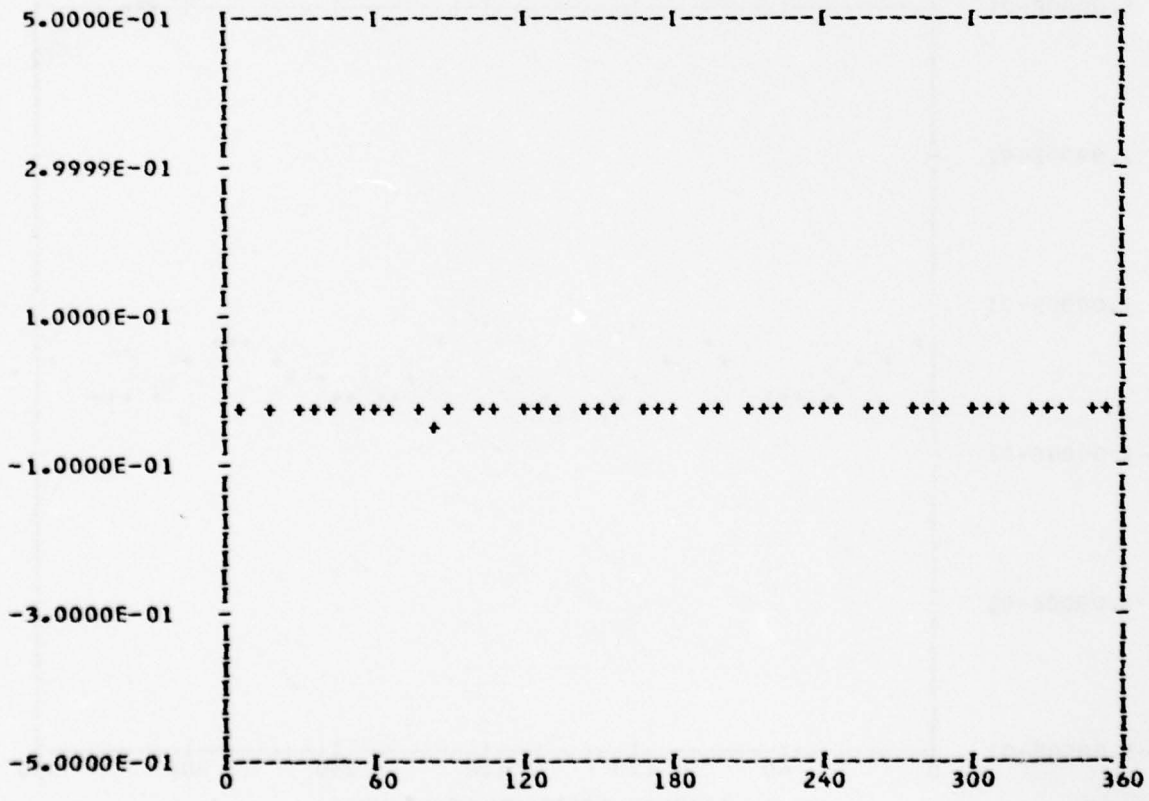
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28152E-01	1	0.82105E-03	-0.19571E-02	0.21223E-02	157.2
	2	0.41776E-03	-0.87629E-03	0.97078E-03	154.5
	3	-0.94895E-03	-0.51220E-03	0.10783E-02	241.6
	4	-0.14084E-02	0.88271E-02	0.89388E-02	350.9
	5	-0.66933E-03	0.53768E-03	0.85855E-03	308.7
	6	0.11593E-03	0.35021E-03	0.36890E-03	18.3
	7	0.37377E-05	0.89925E-03	0.89926E-03	0.2
	8	-0.60878E-03	-0.29339E-03	0.67579E-03	244.2
	9	0.49214E-03	-0.12738E-03	0.50836E-03	104.5
	10	-0.39287E-04	0.18521E-04	0.43434E-04	295.2

MAX=-0.15677E-01 MIN=-0.37882E-01 PEAK TO PEAK/2= 0.11102E-01



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

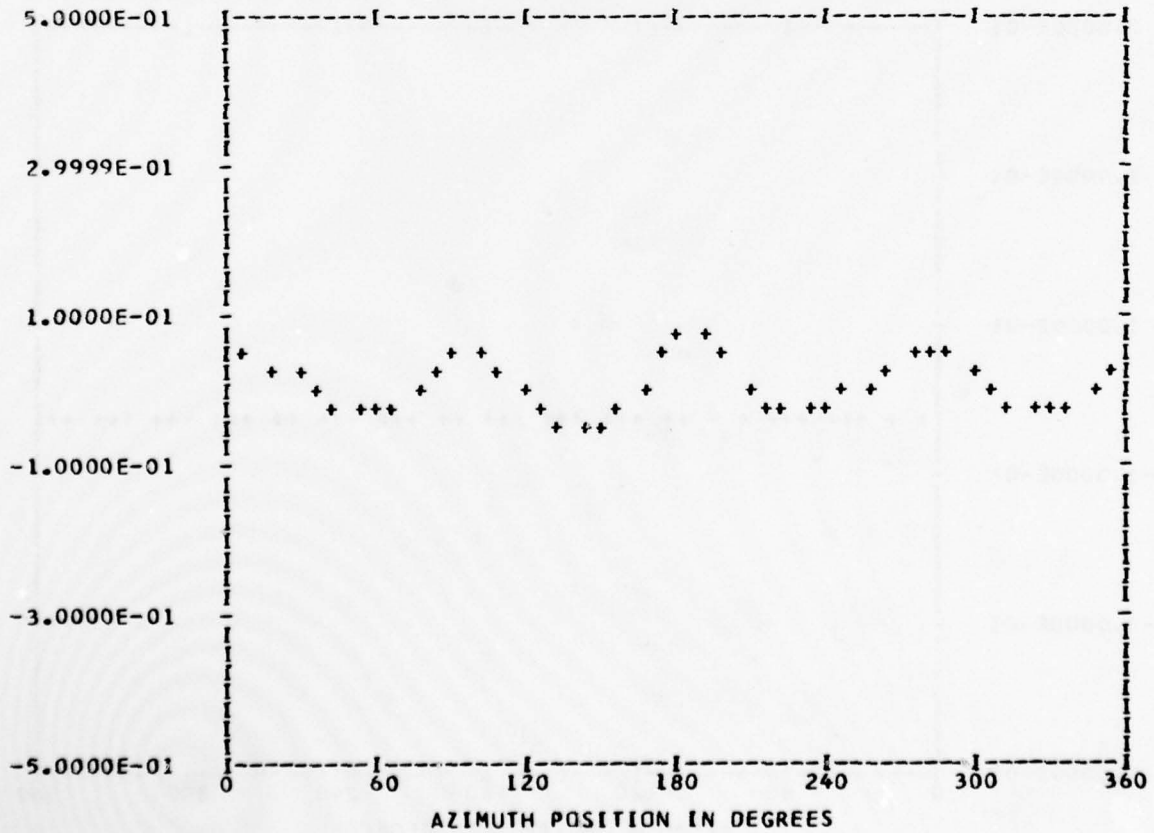
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.49684E-02	1	-0.52359E-03	-0.56191E-02	0.56435E-02	185.3
	2	0.14360E-02	0.51155E-02	0.53132E-02	15.6
	3	-0.69739E-02	0.23089E-02	0.73462E-02	288.3
	4	0.44698E-01	0.19182E-03	0.44699E-01	89.7
	5	-0.31720E-02	0.43737E-02	0.54028E-02	324.0
	6	0.19832E-02	-0.22683E-02	0.30131E-02	138.8
	7	-0.14602E-02	0.15922E-02	0.21604E-02	317.4
	8	0.63185E-02	0.41752E-03	0.63322E-02	86.2
	9	-0.89754E-03	-0.88464E-03	0.12602E-02	225.4
	10	0.43434E-03	0.41749E-03	0.60246E-03	46.1

MAX= 0.70605E-01 MIN=-0.54653E-01 PEAK TO PEAK/2= 0.62629E-01



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

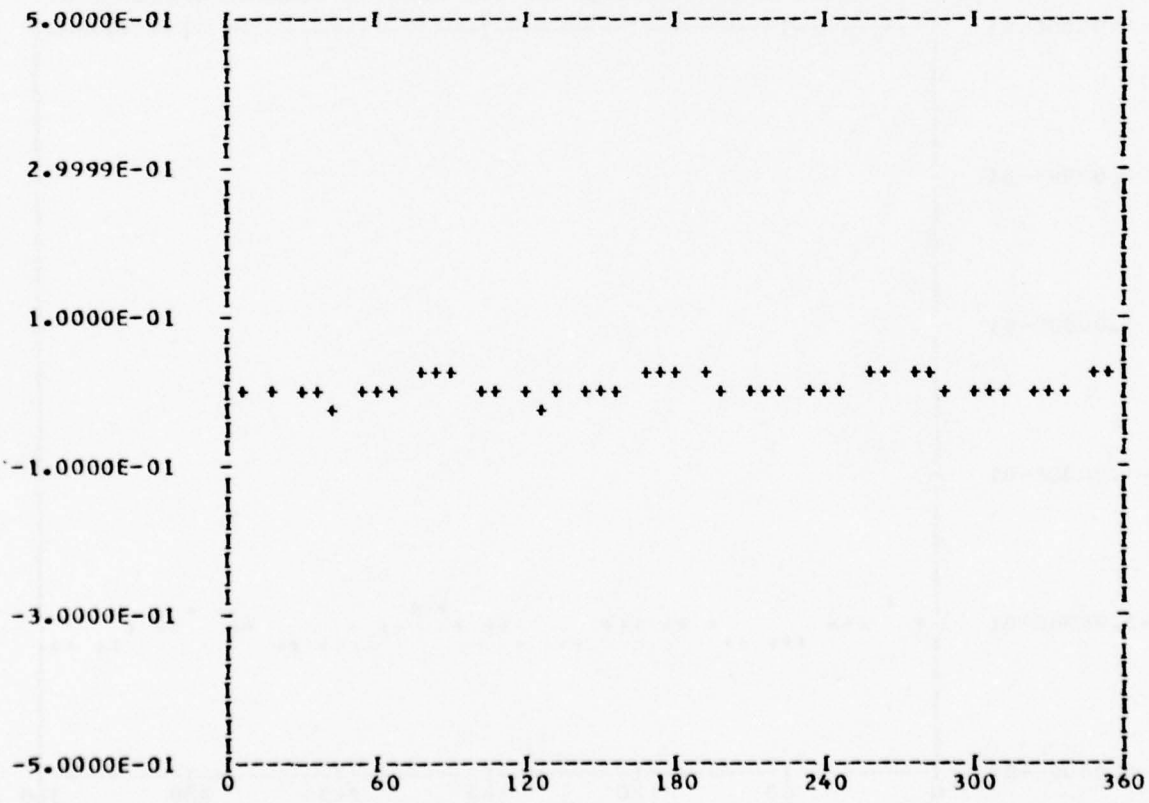
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.51132E-02	1	-0.20060E-02	-0.25438E-02	0.32396E-02	218.2
	2	0.11063E-02	-0.15004E-02	0.18642E-02	143.5
	3	-0.12650E-02	0.84238E-03	0.15198E-02	303.6
	4	0.85313E-02	-0.18656E-01	0.20514E-01	155.4
	5	-0.83032E-03	-0.16291E-03	0.84615E-03	258.8
	6	-0.18372E-03	-0.10668E-03	0.21245E-03	239.8
	7	0.71507E-04	0.38542E-03	0.39199E-03	10.5
	8	-0.25624E-02	-0.54484E-02	0.60209E-02	205.1
	9	-0.45576E-03	-0.11232E-03	0.46940E-03	256.1
	10	-0.73017E-03	-0.40202E-03	0.83353E-03	241.1

MAX= 0.35672E-01 MIN=-0.13639E-01 PEAK TC PEAK/2= 0.24655E-01



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

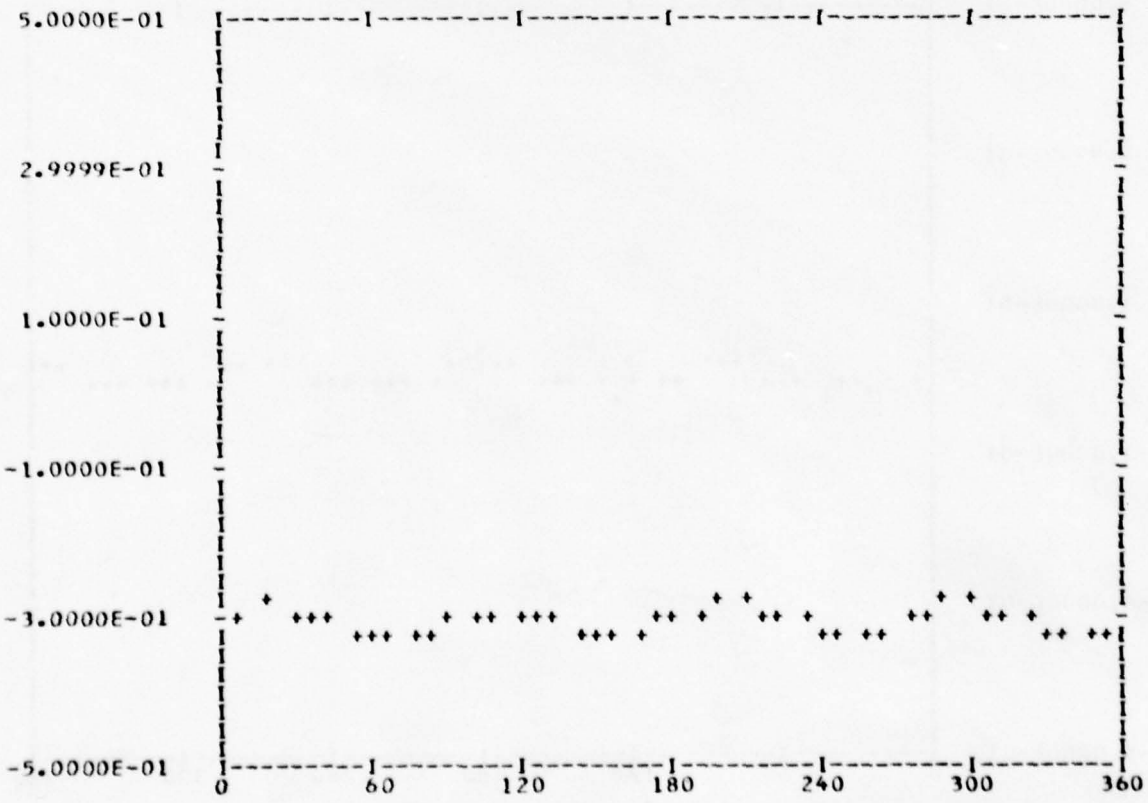
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 2
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.30524E 00	1	-0.17069E-02	-0.30533E-02	0.34981E-02	209.2
	2	0.79277E-03	0.39310E-03	0.88489E-03	63.6
	3	-0.36203E-03	-0.43990E-04	0.36469E-03	263.0
	4	0.11713E-01	0.14013E-01	0.18264E-01	39.8
	5	0.12519E-03	0.64413E-03	0.65618E-03	10.9
	6	-0.53902E-03	0.18177E-03	0.56884E-03	288.6
	7	-0.77693E-04	-0.13647E-03	0.15704E-03	209.6
	8	-0.76406E-04	0.23077E-02	0.23090E-02	358.1
	9	-0.29997E-03	0.84499E-04	0.31165E-03	285.7
	10	-0.27114E-03	-0.31127E-03	0.41281E-03	221.0

MAX=-0.28165E 00 MIN=-0.32536E 00 PEAK TC PEAK/2= 0.21856E-01



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

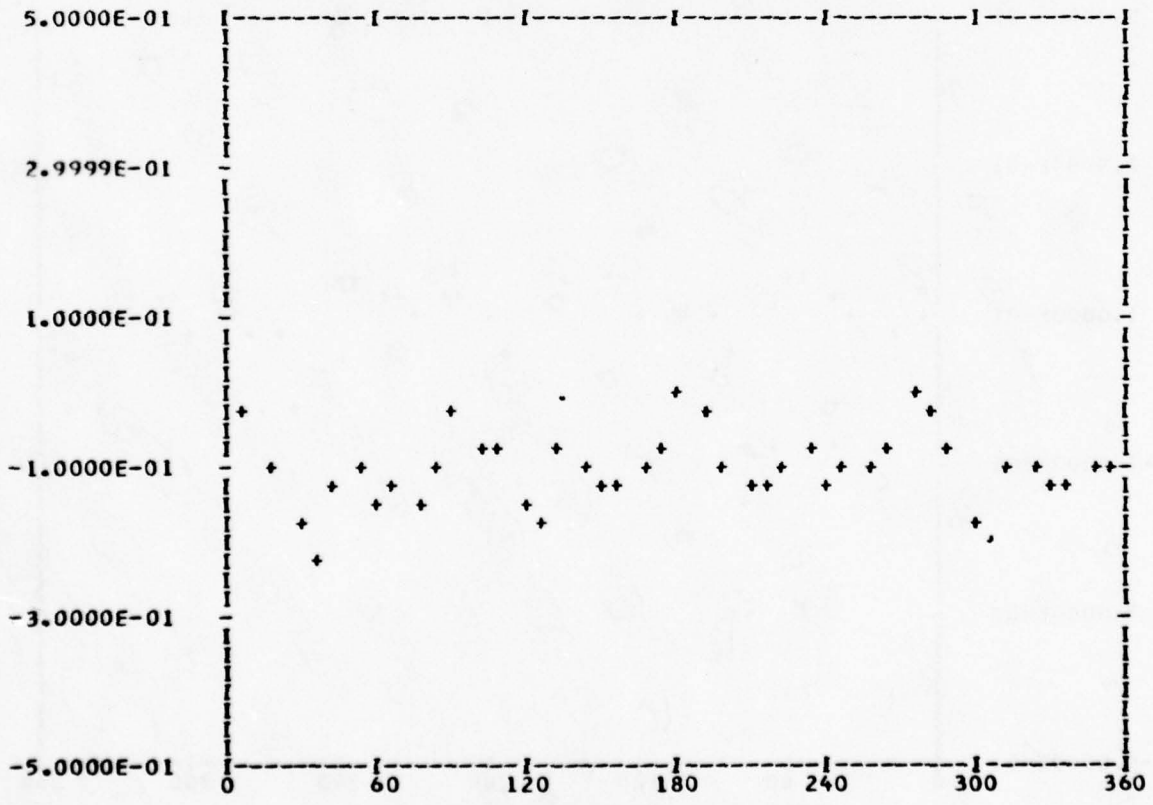
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10165E 00	1	-0.15259E-01	-0.10055E-01	0.18275E-01	236.6
	2	0.54396E-04	-0.28733E-02	0.28738E-02	178.9
	3	0.13270E-02	-0.20735E-02	0.24618E-02	147.3
	4	0.23399E-01	-0.28755E-01	0.37073E-01	140.8
	5	-0.28531E-02	-0.10543E-02	0.30417E-02	249.7
	6	-0.26545E-02	0.22685E-02	0.34918E-02	310.5
	7	0.53533E-02	0.85542E-03	0.54212E-02	80.9
	8	0.28615E-01	-0.32885E-01	0.43592E-01	138.9
	9	0.63584E-02	0.31980E-02	0.71173E-02	63.2
	10	-0.20713E-02	-0.18011E-02	0.27448E-02	228.9

MAX=-0.78139E-02 MIN=-0.21390E 00 PEAK TO PEAK/2= 0.10304E 00



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

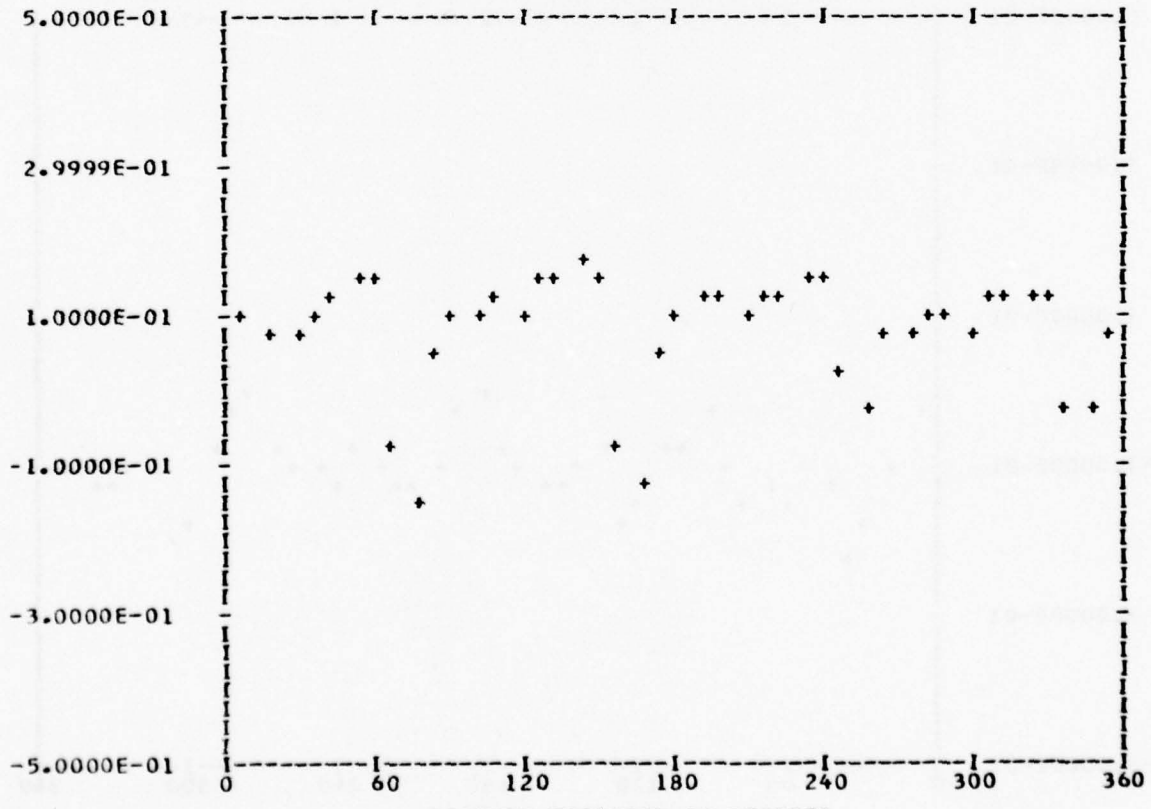
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.81518E-01	1	-0.75649E-02	-0.75541E-02	0.10690E-01	225.0
	2	0.75478E-03	0.15321E-02	0.17079E-02	26.2
	3	0.14829E-01	-0.76982E-02	0.16708E-01	117.4
	4	-0.98151E-02	0.63050E-01	0.63809E-01	351.1
	5	-0.16025E-01	-0.48525E-02	0.16743E-01	253.1
	6	0.23266E-02	-0.30867E-02	0.38653E-02	142.9
	7	-0.74830E-02	-0.15369E-01	0.17094E-01	205.9
	8	0.58523E-01	-0.22807E-01	0.62810E-01	111.2
	9	0.16585E-02	0.12170E-01	0.12282E-01	7.7
	10	-0.44371E-02	0.21410E-02	0.49267E-02	295.7

MAX= 0.16623E 00 MIN=-0.16144E 00 PEAK TO PEAK/2= 0.16383E 00



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

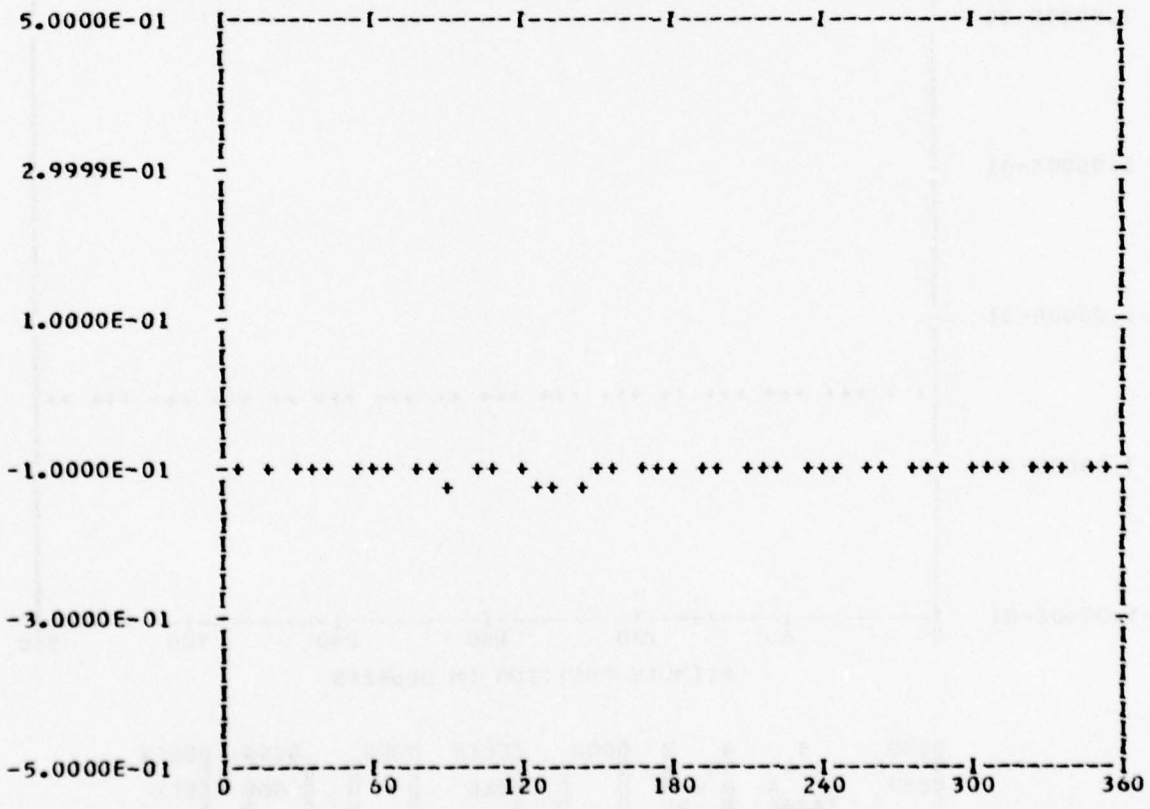
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11034E 00	1	0.62470E-03	-0.71743E-03	0.95129E-03	138.9
	2	0.18779E-03	0.56995E-03	0.60009E-03	18.2
	3	-0.73445E-03	-0.16290E-03	0.75230E-03	257.4
	4	-0.74648E-03	0.36471E-03	0.83082E-03	296.0
	5	-0.72557E-04	0.29183E-03	0.30072E-03	346.0
	6	0.15452E-04	-0.27738E-03	0.27781E-03	176.8
	7	-0.40754E-04	0.13955E-03	0.14537E-03	343.7
	8	-0.28389E-03	0.99925E-03	0.10387E-02	344.1
	9	-0.46254E-05	-0.13496E-03	0.13504E-03	181.9
	10	-0.12127E-04	-0.36677E-03	0.36697E-03	181.8

MAX=-0.10795E 00 MIN=-0.11321E 00 PEAK TO PEAK/2= 0.26279E-02



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

*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	12
ENTERED	44	TP	5
OUT OF RANGE	0	CHAN	51
BANDEDGE	44		

HARMONIC ANALYSIS SKIPPED

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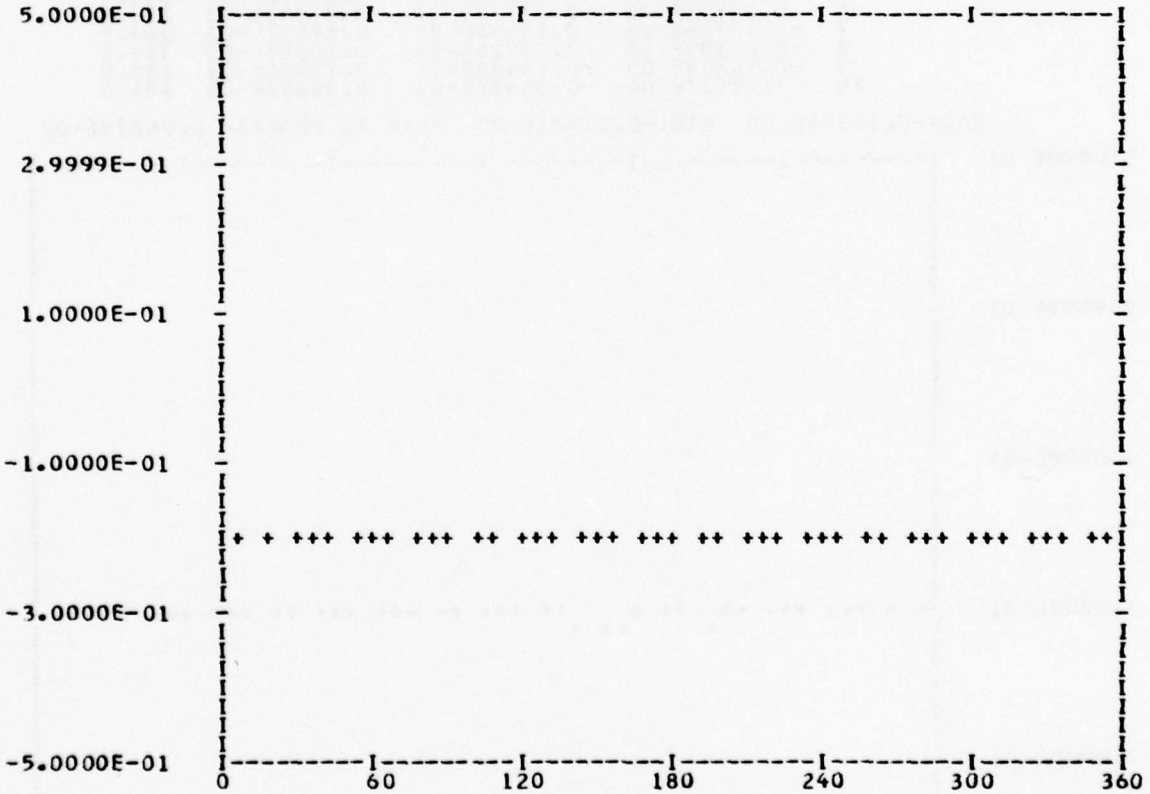

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B B A A NN N D D E D D G E
BBBB A A N N N D D EEEE D D G GGG EEEE
B B AAAAA N NN D D E D D G G E
BBBB A A N N DDDD EEEEE DDDD GGGG EEEEE

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

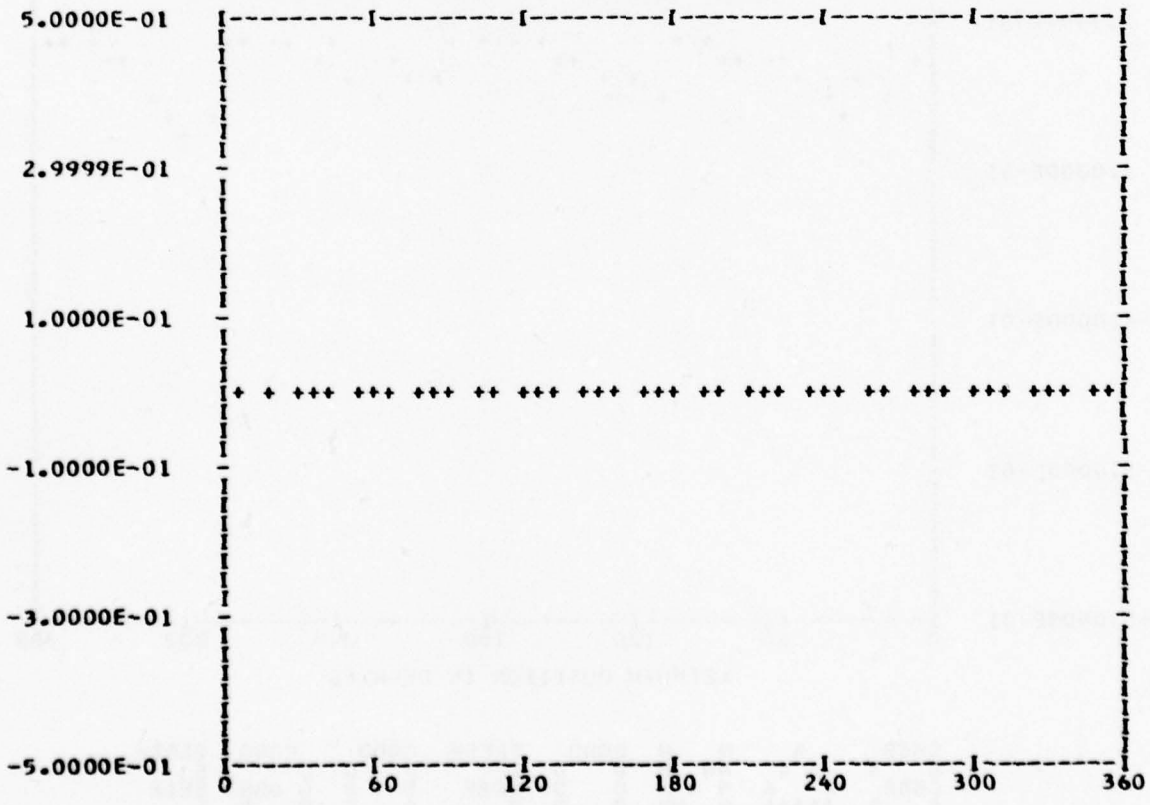
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.31617E-02	1	0.46074E-04	0.16524E-03	0.17154E-03	15.5
	2	-0.20398E-03	-0.16543E-05	0.20399E-03	269.5
	3	-0.10135E-03	-0.13048E-03	0.16521E-03	217.8
	4	0.50912E-04	-0.14781E-03	0.15633E-03	160.9
	5	0.34992E-04	0.39915E-04	0.53081E-04	41.2
	6	-0.90661E-04	0.16961E-05	0.90677E-04	271.0
	7	-0.38649E-04	0.19509E-04	0.43293E-04	296.7
	8	-0.83718E-05	0.29112E-04	0.30292E-04	343.9
	9	0.72122E-05	-0.16274E-04	0.17801E-04	156.0
	10	0.27871E-04	0.11526E-03	0.11858E-03	13.5

MAX= 0.43567E-02 MIN= 0.26744E-02 PEAK TO PEAK/2= 0.84115E-03



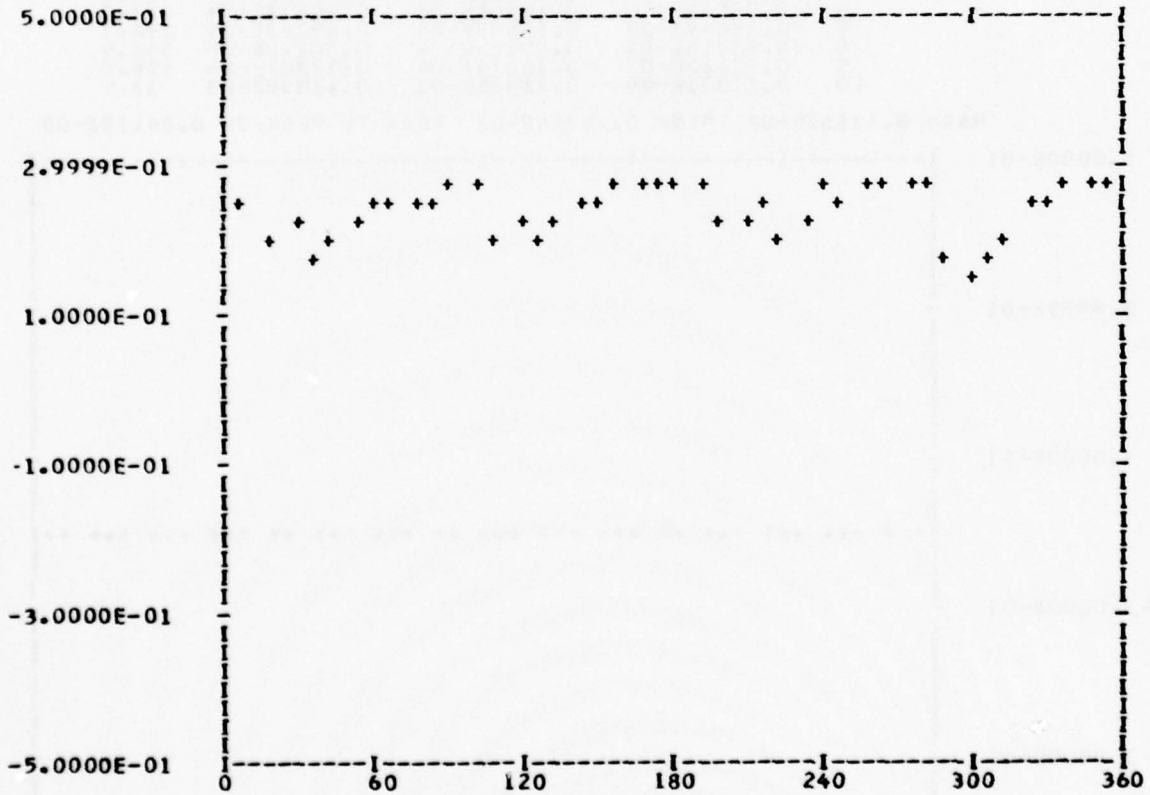
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	12
ENTERED	44	TP	5
OUT OF RANGE	0	CHAN	61
BANDEDGE	14		

HARMONIC ANALYSIS SKIPPED

MAX= 0.26388E 00 MIN= 0.14682E 00 PEAK TO PEAK/2= 0.58531E-01

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8888   A   A  N N N  D   D  EEEE   D   D  G GGG  EEEE
8   8  AAAAA  N  NN  D   D  E      D   D  G   G  E
8888   A   A  N   N  DDDD   EEEEE  DDDD    GGGG  EEEEE
```

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

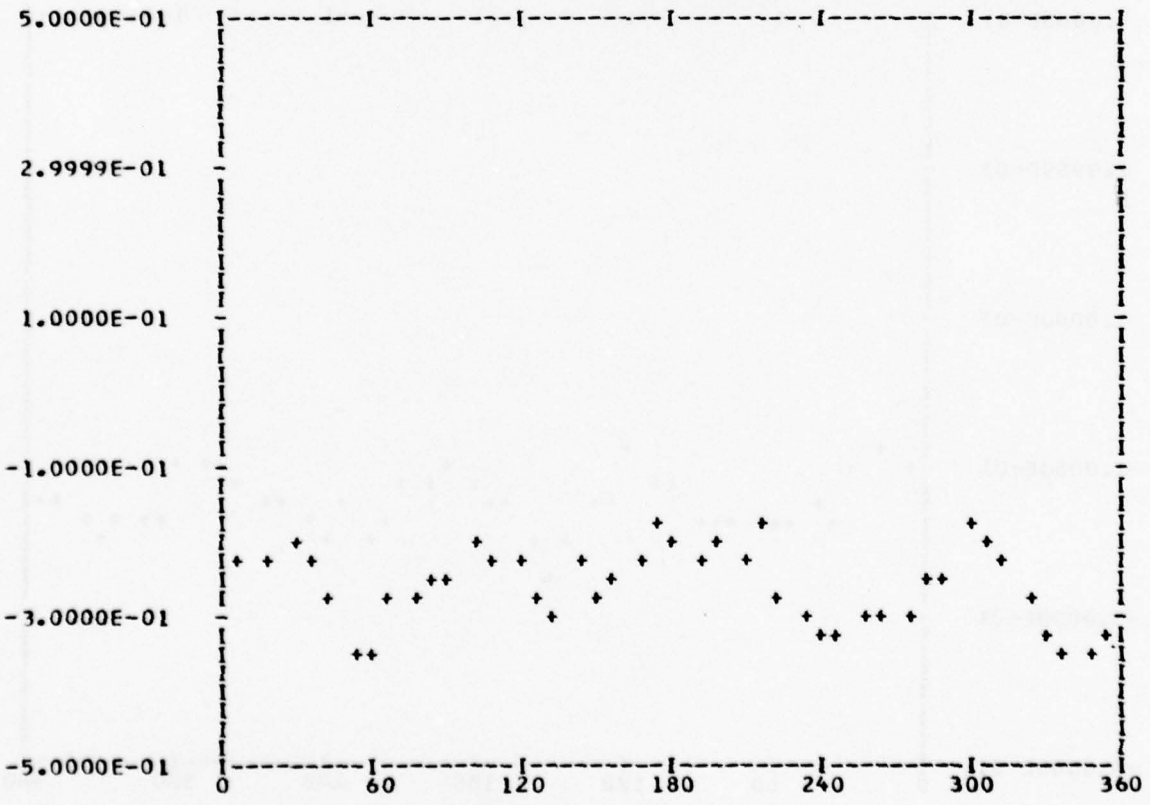
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25947E 00	1	-0.23747E-01	0.98930E-02	0.25725E-01	292.6
	2	0.74703E-02	-0.82662E-02	0.11141E-01	137.8
	3	-0.20762E-01	0.87041E-02	0.22512E-01	292.7
	4	0.28244E-01	0.35302E-01	0.45210E-01	38.6
	5	0.13366E-01	0.26114E-01	0.29336E-01	27.1
	6	0.69601E-03	0.85567E-02	0.85849E-02	4.6
	7	0.31641E-02	0.26063E-02	0.40994E-02	50.5
	8	-0.11735E-01	-0.26053E-02	0.12021E-01	257.4
	9	-0.50031E-02	0.52088E-02	0.72224E-02	316.1
	10	-0.12732E-02	-0.87125E-02	0.88051E-02	188.3

MAX=-0.16609E 00 MIN=-0.35552E 00 PEAK TO PEAK/2= 0.94713E-01



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

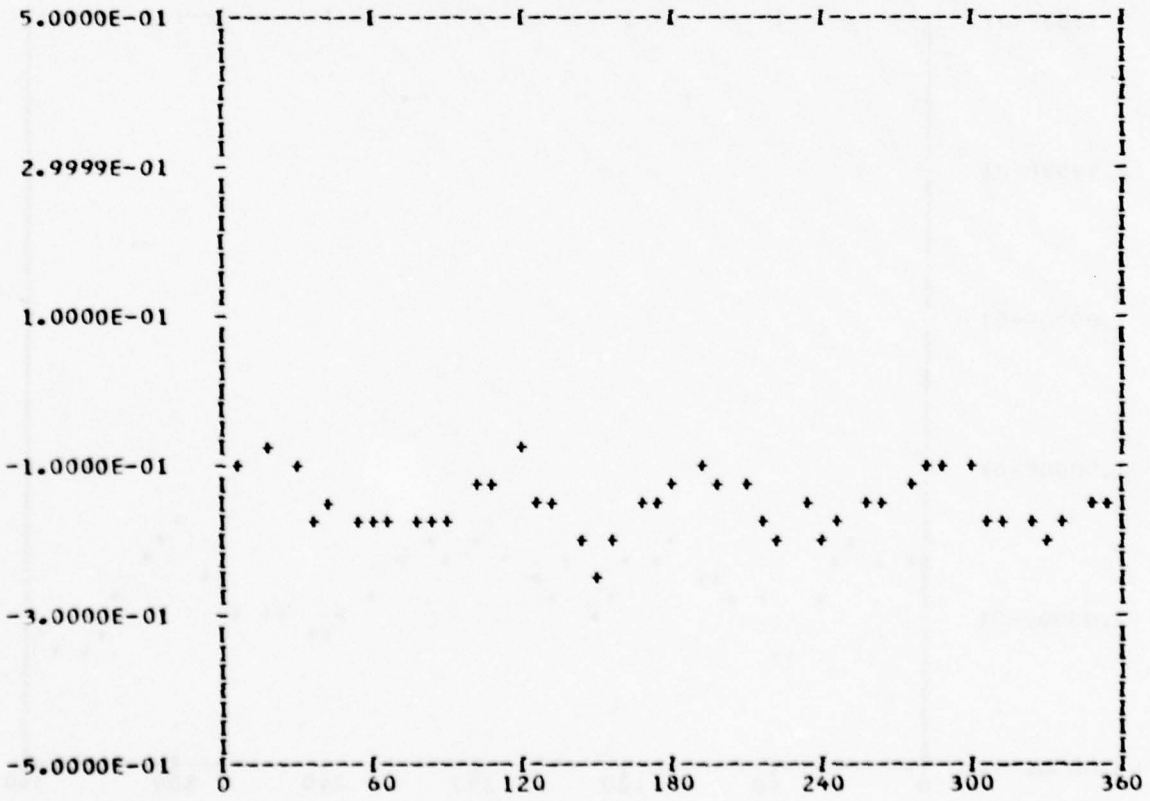
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15214E 00	1	0.37348E-02	-0.65695E-02	0.75570E-02	150.3
	2	0.84087E-04	0.12974E-02	0.13002E-02	3.7
	3	0.51923E-02	0.28119E-02	0.59048E-02	61.5
	4	0.39363E-01	0.10126E-01	0.40645E-01	75.5
	5	-0.73461E-02	0.13195E-02	0.74637E-02	280.1
	6	0.42441E-02	-0.81135E-02	0.91566E-02	152.3
	7	0.32294E-02	0.78668E-02	0.85038E-02	22.3
	8	0.11287E-02	0.92475E-02	0.93161E-02	6.9
	9	0.14044E-02	-0.81221E-05	0.14044E-02	90.3
	10	0.22340E-02	0.58142E-02	0.62287E-02	21.0

MAX=-0.80256E-01 MIN=-0.24261E 00 PEAK TO PEAK/2= 0.81180E-01



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

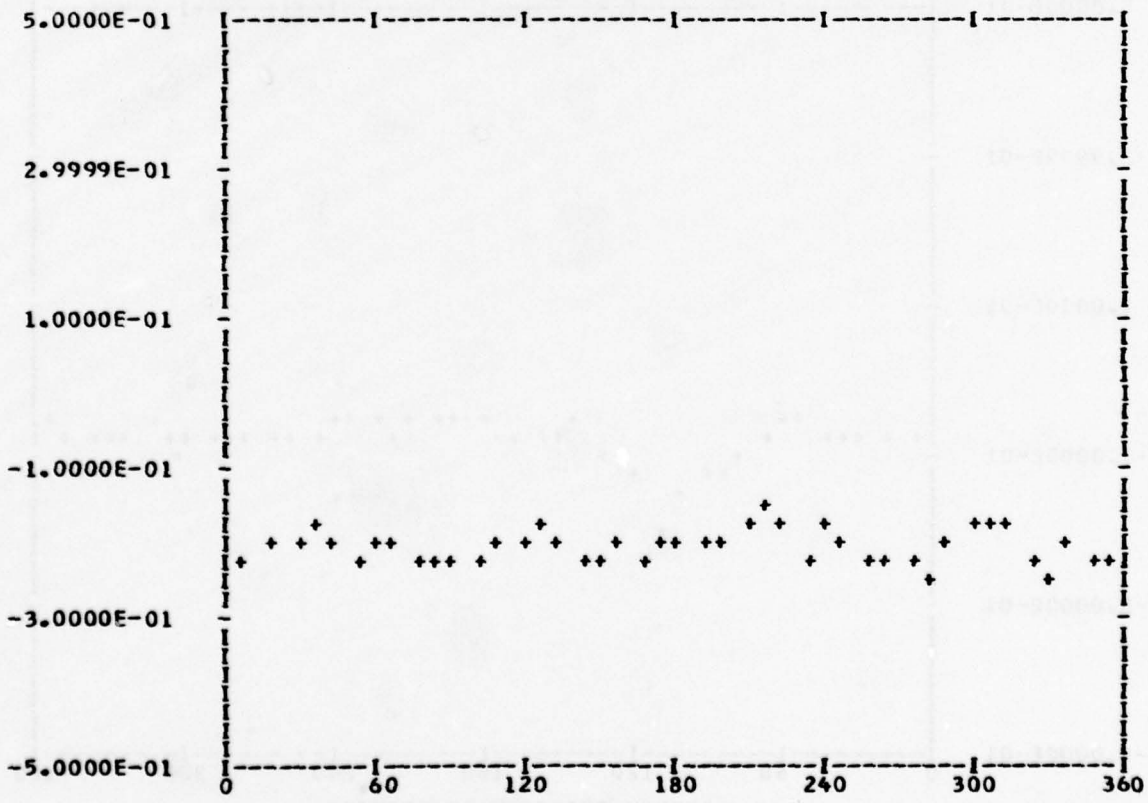
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20760E 00	1	-0.71216E-02	-0.29834E-02	0.77213E-02	247.2
	2	0.33281E-02	0.33982E-02	0.47565E-02	44.4
	3	-0.57162E-02	-0.40716E-02	0.70180E-02	234.5
	4	-0.42945E-02	0.19501E-01	0.19969E-01	347.5
	5	0.18504E-02	0.21740E-02	0.28549E-02	40.4
	6	0.47523E-02	-0.24596E-02	0.53511E-02	117.3
	7	0.80070E-04	0.13790E-02	0.13813E-02	3.3
	8	-0.15250E-01	0.34852E-03	0.15254E-01	271.3
	9	-0.25297E-02	0.41294E-02	0.48426E-02	328.5
	10	-0.31585E-02	0.14391E-02	0.34709E-02	294.4

MAX=-0.14511E 00 MIN=-0.24383E 00 PEAK TO PEAK/2= 0.49360E-01



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

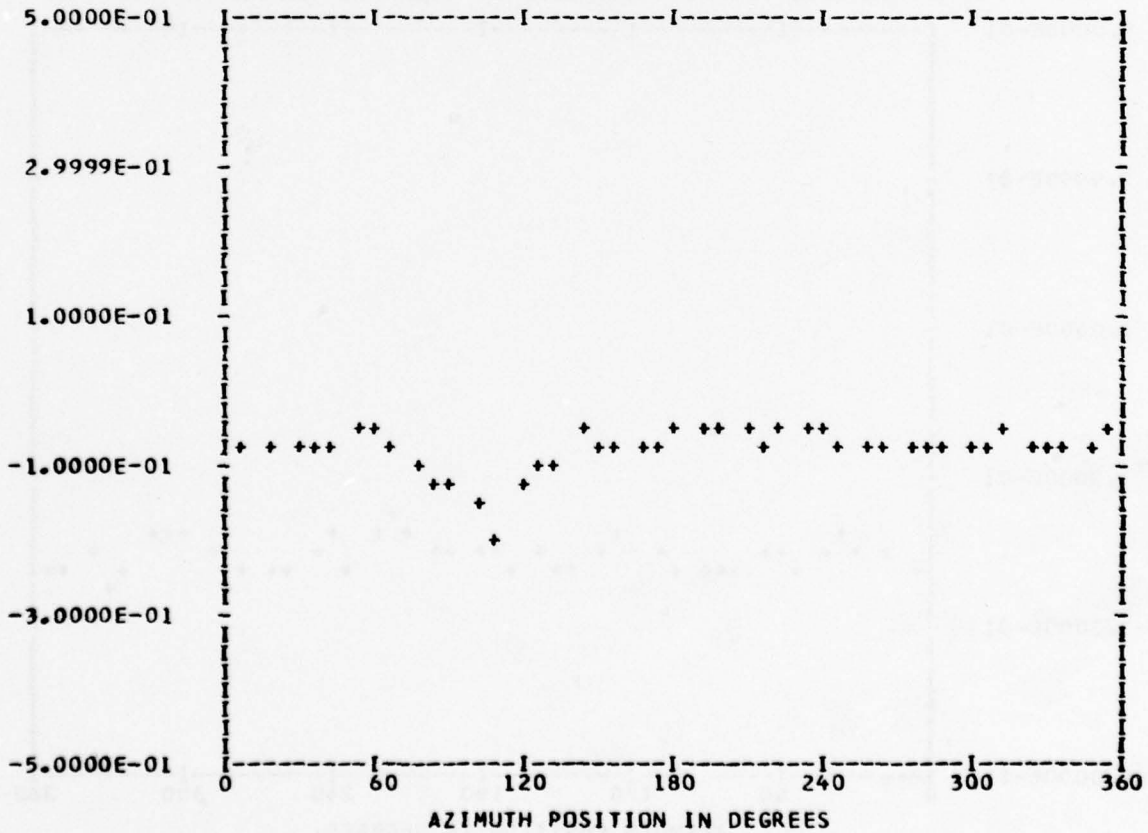
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.77147E-01	1	-0.49446E-02	-0.17032E-01	0.17735E-01	196.1
	2	0.19656E-01	0.38954E-02	0.20039E-01	78.7
	3	-0.23476E-02	0.12692E-01	0.12908E-01	349.5
	4	-0.14523E-01	0.20234E-02	0.14663E-01	277.9
	5	0.33555E-02	-0.10999E-01	0.11499E-01	163.0
	6	0.84585E-02	-0.26594E-02	0.88667E-02	107.4
	7	-0.25187E-02	0.19592E-02	0.31910E-02	307.8
	8	0.65894E-03	-0.65690E-02	0.66020E-02	174.2
	9	0.21504E-03	0.12016E-02	0.12207E-02	10.1
	10	0.13853E-02	0.70812E-02	0.72155E-02	11.0

MAX=-0.42139E-01 MIN=-0.20754E 00 PEAK TO PEAK/2= 0.82702E-01



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

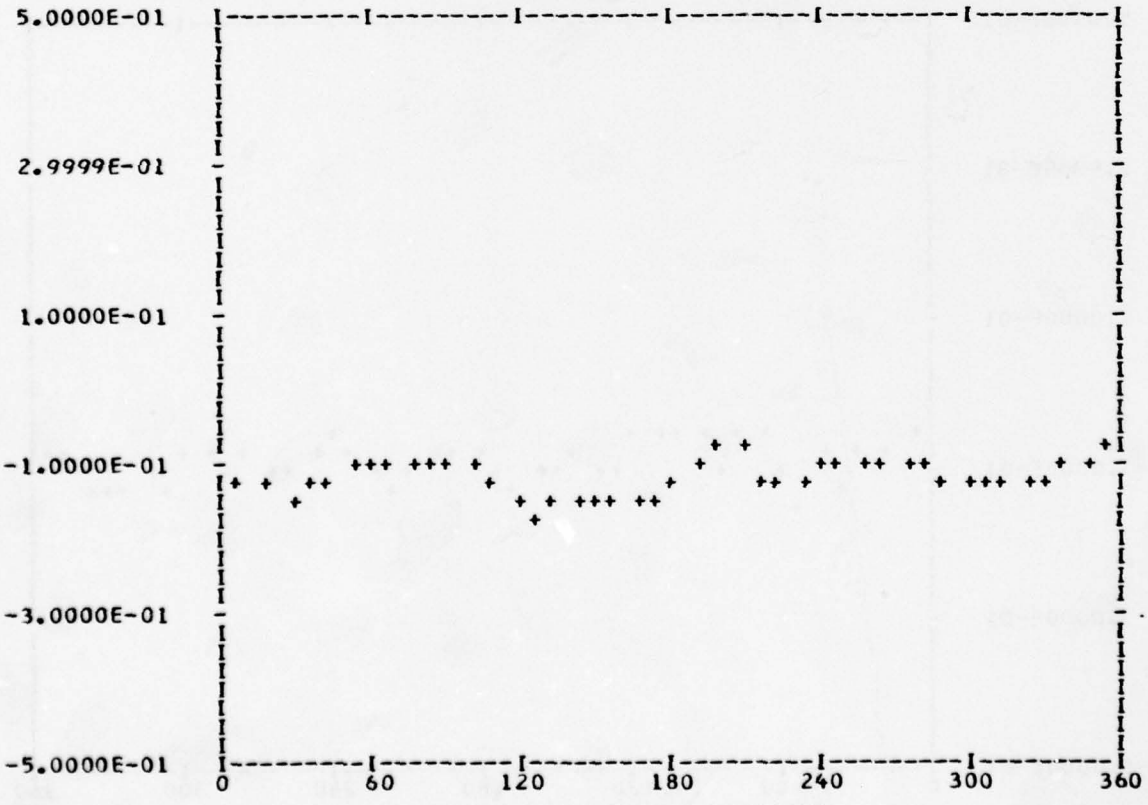
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11797E 00	1	0.54370E-02	-0.93217E-02	0.10791E-01	149.7
	2	-0.65407E-03	0.12062E-01	0.12079E-01	356.8
	3	-0.34157E-02	-0.11825E-01	0.12308E-01	196.1
	4	0.13264E-01	-0.92445E-02	0.16168E-01	124.8
	5	-0.76473E-03	-0.67091E-02	0.67526E-02	186.5
	6	-0.19074E-02	0.43174E-03	0.19557E-02	282.7
	7	0.20139E-02	-0.91545E-02	0.93734E-02	167.5
	8	0.54196E-02	0.29754E-02	0.61827E-02	61.2
	9	0.86481E-03	-0.29360E-02	0.30608E-02	163.5
	10	-0.49655E-02	-0.20246E-02	0.53624E-02	247.8

MAX=-0.79049E-01 MIN=-0.16843E 00 PEAK TO PEAK/2= 0.44692E-01



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

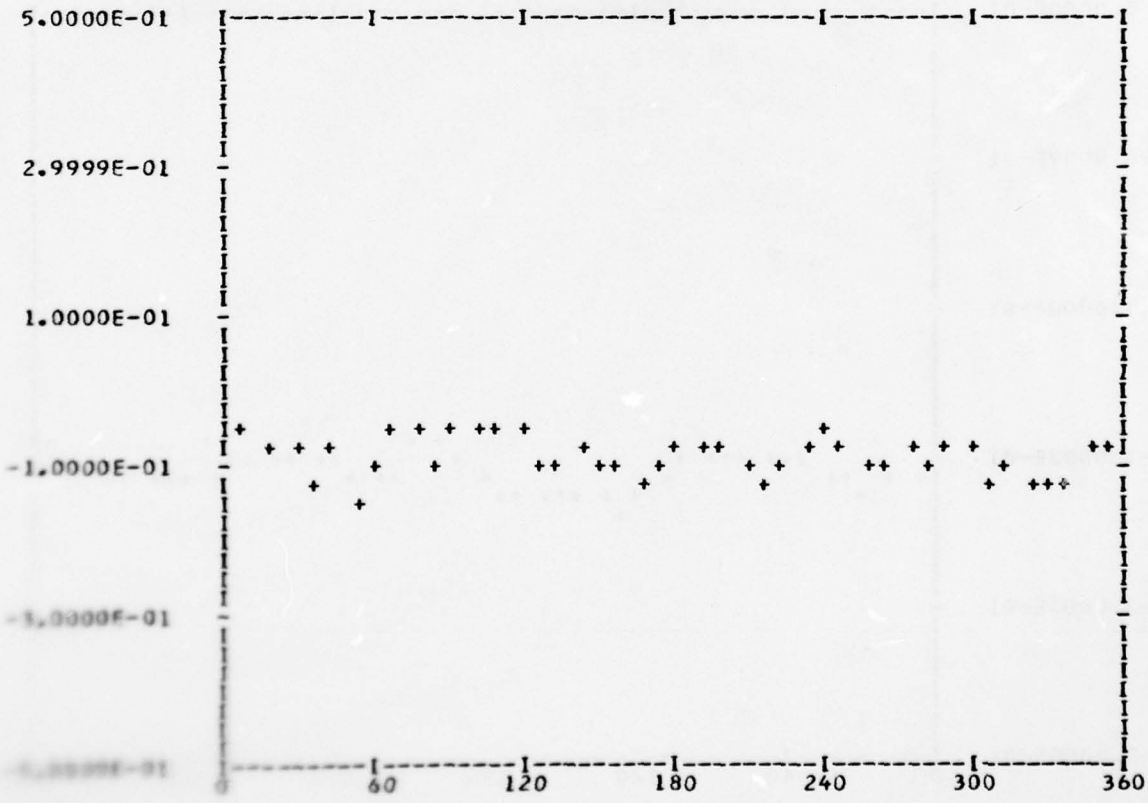
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.88291E-01	1	0.58436E-03	0.46347E-02	0.46714E-02	7.1
	2	-0.57196E-02	0.80672E-02	0.98891E-02	324.6
	3	0.10212E-01	-0.71671E-02	0.12476E-01	125.0
	4	0.16527E-01	-0.16222E-02	0.16607E-01	95.6
	5	0.60961E-02	0.38028E-03	0.61079E-02	86.4
	6	0.87899E-02	-0.74435E-02	0.11518E-01	130.2
	7	-0.42143E-02	-0.31345E-02	0.52522E-02	233.3
	8	0.48554E-02	0.81108E-02	0.94531E-02	30.9
	9	-0.63648E-02	-0.37119E-02	0.73681E-02	239.7
	10	-0.63058E-02	-0.41554E-02	0.75519E-02	236.6

MAX=-0.37989E-01 MIN=-0.14505E 00 PEAK TO PEAK/2= 0.53534E-01



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

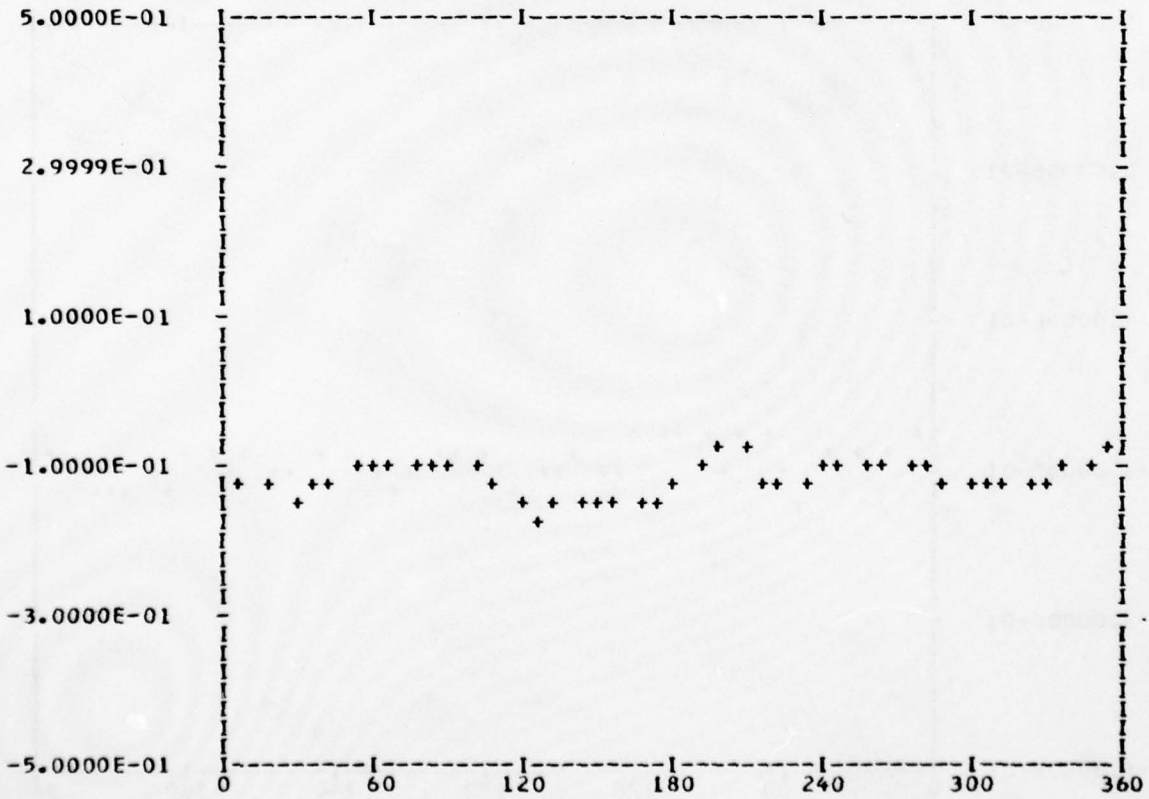
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11797E 00	1	0.54370E-02	-0.93217E-02	0.10791E-01	149.7
	2	-0.65407E-03	0.12062E-01	0.12079E-01	356.8
	3	-0.34157E-02	-0.11825E-01	0.12308E-01	196.1
	4	0.13264E-01	-0.92445E-02	0.16168E-01	124.8
	5	-0.76473E-03	-0.67091E-02	0.67526E-02	186.5
	6	-0.19074E-02	0.43174E-03	0.19557E-02	282.7
	7	0.20139E-02	-0.91545E-02	0.93734E-02	167.5
	8	0.54196E-02	0.29754E-02	0.61827E-02	61.2
	9	0.86481E-03	-0.29360E-02	0.30608E-02	163.5
	10	-0.49655E-02	-0.20246E-02	0.53624E-02	247.8

MAX=-0.79049E-01 MIN=-0.16843E 00 PEAK TO PEAK/2= 0.44692E-01



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

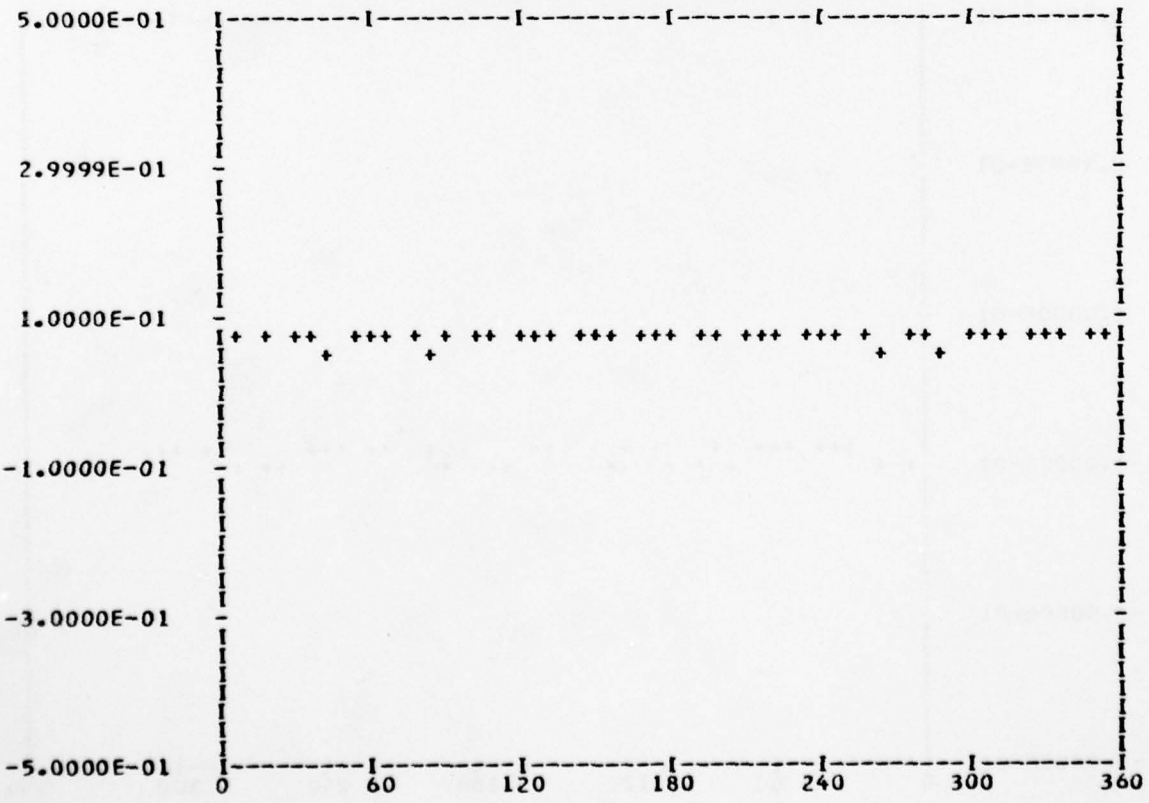
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.71284E-01	1	-0.62363E-03	-0.83229E-03	0.10400E-02	216.8
	2	0.26455E-02	-0.42270E-02	0.49866E-02	147.9
	3	0.20613E-02	-0.86457E-03	0.22353E-02	112.7
	4	-0.50322E-02	0.11016E-02	0.51514E-02	282.3
	5	0.68430E-03	-0.26357E-03	0.73330E-03	111.0
	6	0.12762E-02	0.31540E-04	0.12766E-02	88.5
	7	0.11200E-02	0.18387E-02	0.21530E-02	31.3
	8	0.38481E-02	-0.17773E-02	0.42387E-02	114.7
	9	0.68889E-03	0.89134E-03	0.11265E-02	37.6
	10	0.61414E-03	0.11570E-02	0.13099E-02	27.9

MAX= 0.87030E-01 MIN= 0.60495E-01 PEAK TO PEAK/2= 0.13267E-01



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

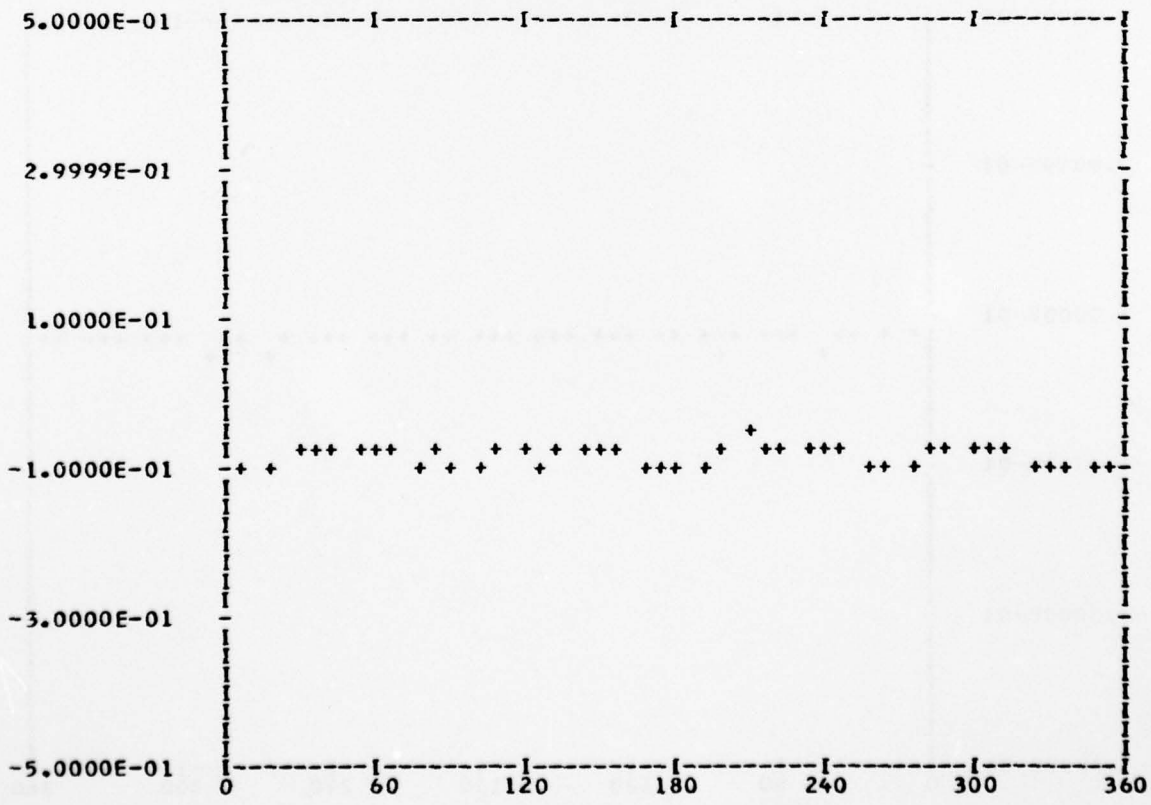
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.84626E-01	1	-0.46593E-02	0.64635E-03	0.47039E-02	277.8
	2	0.35966E-03	0.51814E-02	0.51939E-02	3.9
	3	-0.93062E-03	0.32744E-03	0.98654E-03	289.3
	4	-0.45469E-02	0.71346E-02	0.84604E-02	327.4
	5	0.28045E-02	-0.19137E-02	0.33952E-02	124.3
	6	-0.18144E-02	0.23245E-02	0.29488E-02	322.0
	7	-0.98119E-03	-0.18271E-02	0.20739E-02	208.2
	8	-0.10615E-02	0.16163E-02	0.19337E-02	326.7
	9	0.16784E-03	-0.57687E-03	0.60080E-03	163.7
	10	-0.97943E-03	-0.34015E-03	0.10368E-02	250.8

MAX=-0.60148E-01 MIN=-0.10144E 00 PEAK TO PEAK/2= 0.20649E-01



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

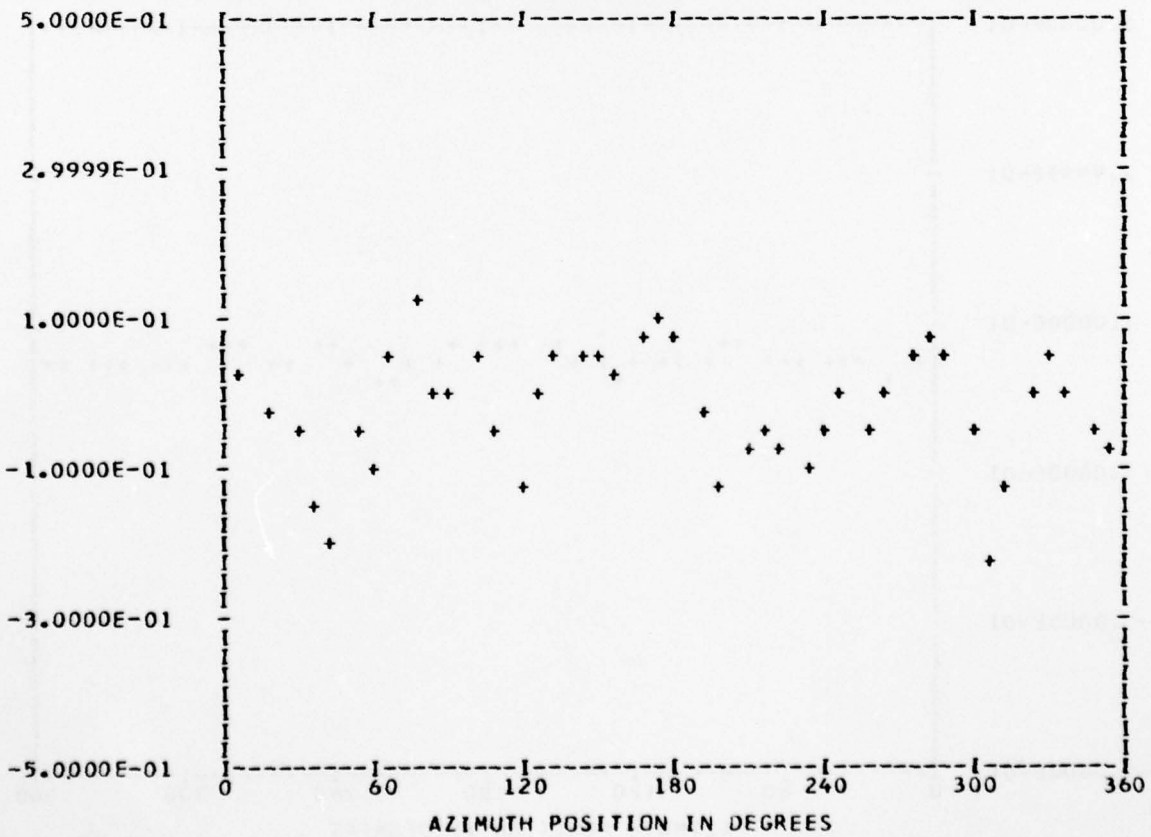
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22176E-01	1	-0.24219E-01	0.17220E-01	0.29718E-01	305.4
	2	-0.99529E-02	-0.26586E-01	0.28388E-01	200.5
	3	0.14381E-02	0.15650E-01	0.15716E-01	5.2
	4	0.25640E-01	-0.55396E-01	0.61042E-01	155.1
	5	0.14734E-01	-0.82924E-02	0.16907E-01	119.3
	6	-0.71952E-02	0.17972E-01	0.19359E-01	338.1
	7	-0.11581E-01	0.47751E-01	0.49136E-01	346.3
	8	0.17953E-01	0.13724E-01	0.22598E-01	52.6
	9	0.18129E-01	0.16873E-01	0.24767E-01	47.0
	10	-0.41090E-02	-0.25951E-01	0.26274E-01	188.9

MAX= 0.13044E 00 MIN=-0.23624E 00 PEAK TO PEAK/2= 0.18334E 00



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

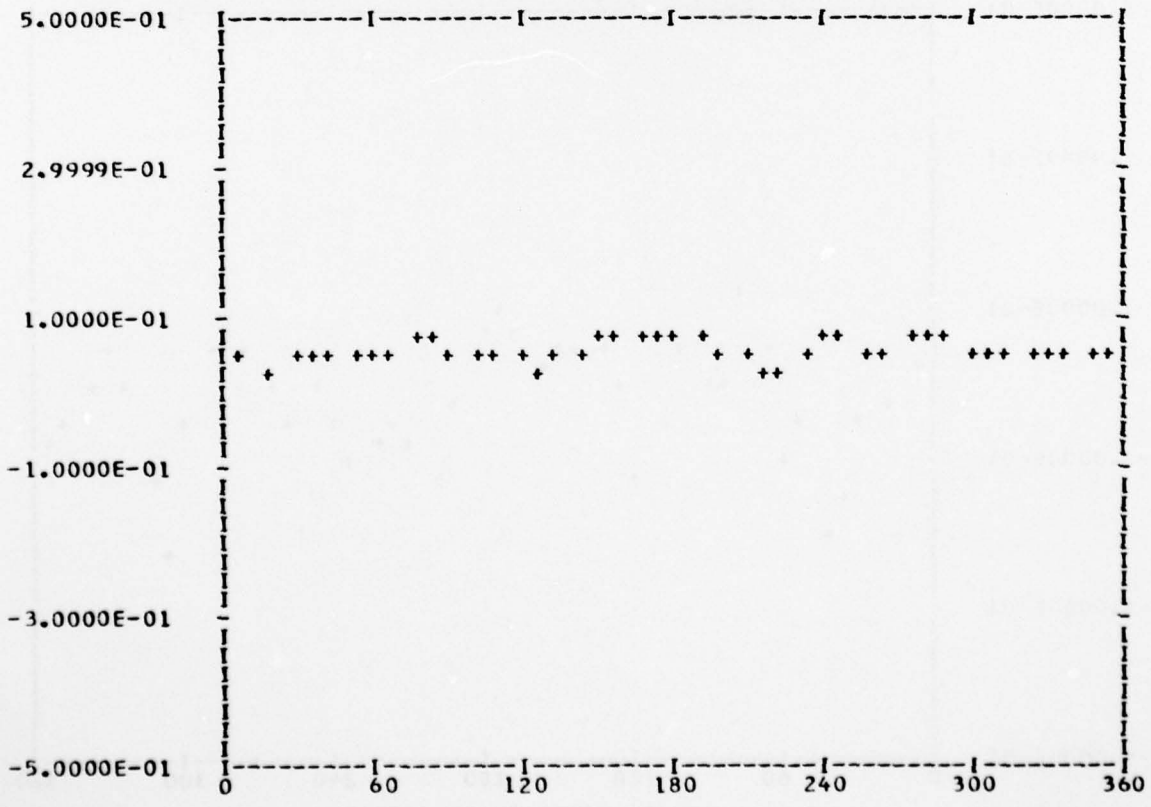
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.55687E-01	1	-0.61944E-02	0.12830E-02	0.63258E-02	281.7
	2	0.91595E-03	0.13164E-02	0.16037E-02	34.8
	3	-0.42089E-02	0.84526E-02	0.94426E-02	333.5
	4	0.12111E-02	-0.11158E-01	0.11223E-01	173.8
	5	-0.52115E-03	0.29585E-02	0.30041E-02	350.0
	6	-0.26625E-02	0.11239E-02	0.28900E-02	292.8
	7	-0.31978E-02	0.17266E-02	0.36342E-02	298.3
	8	0.28564E-02	0.24077E-03	0.28665E-02	85.1
	9	-0.39282E-03	-0.43703E-02	0.43879E-02	185.1
	10	-0.16707E-02	-0.37120E-03	0.18842E-02	242.4

MAX= 0.83869E-01 MIN= 0.34032E-01 PEAK TC PEAK/2= 0.24918E-01



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

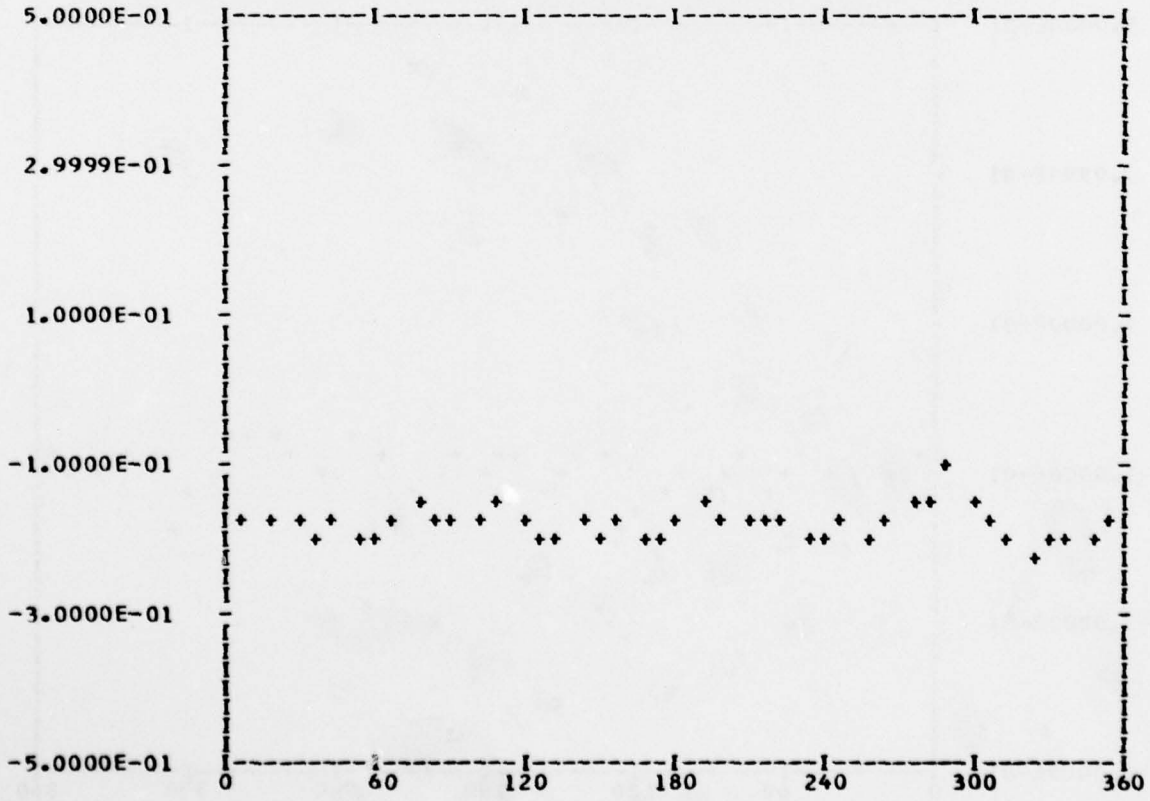
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 12
TP 5
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.17987E 00	1	0.96288E-03	-0.35197E-02	0.36491E-02	164.7
	2	-0.60584E-02	0.19550E-02	0.63660E-02	287.8
	3	-0.32982E-02	0.34120E-02	0.47455E-02	315.9
	4	0.19030E-01	0.25240E-02	0.19196E-01	82.4
	5	0.39254E-02	-0.68574E-02	0.79015E-02	150.2
	6	-0.30668E-02	-0.13748E-02	0.33609E-02	245.8
	7	-0.45500E-02	0.52590E-03	0.45803E-02	276.5
	8	-0.63257E-03	0.55452E-02	0.55811E-02	353.4
	9	-0.28045E-02	-0.25524E-03	0.28161E-02	264.8
	10	0.57031E-02	-0.56947E-02	0.80595E-02	134.9

MAX=-0.11115E 00 MIN=-0.22371E 00 PEAK TO PEAK/2= 0.56276E-01



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

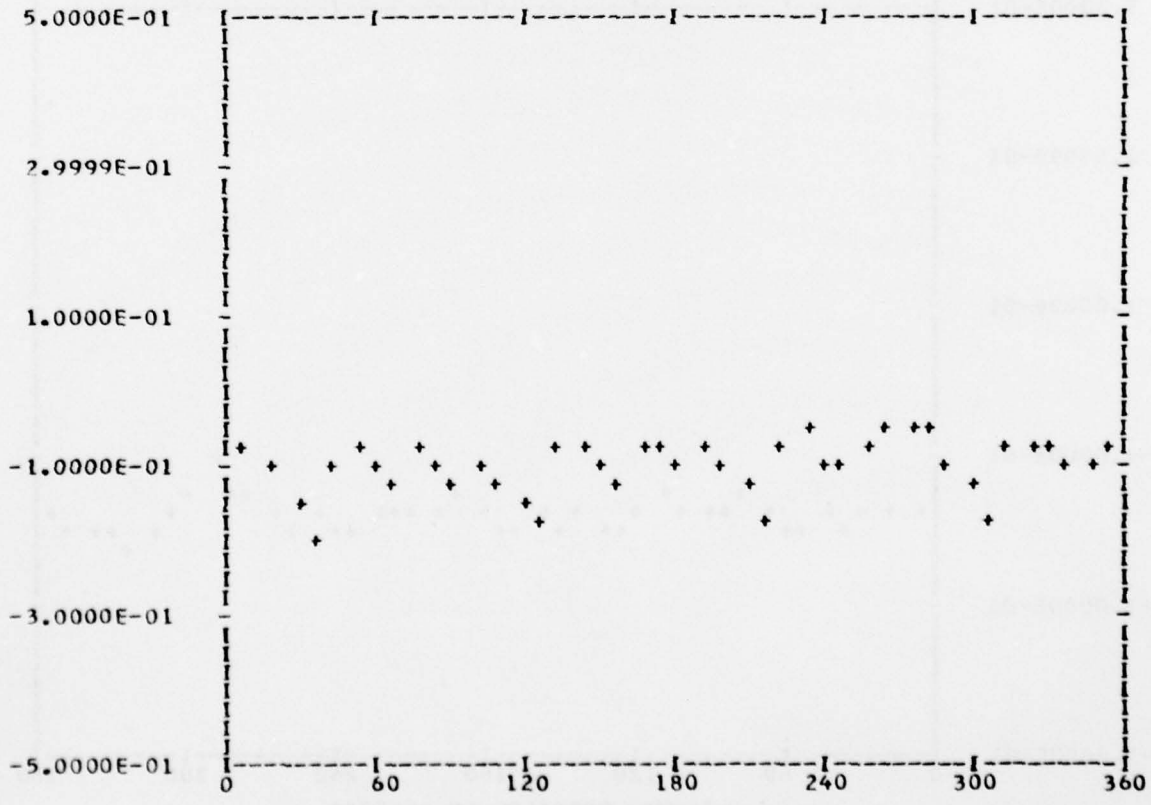
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10068E 00	1	-0.86211E-02	-0.15342E-01	0.17599E-01	209.3
	2	0.52055E-03	-0.16358E-02	0.17166E-02	162.3
	3	0.24803E-02	0.92531E-03	0.26472E-02	69.5
	4	-0.44790E-02	-0.22807E-01	0.23243E-01	191.1
	5	-0.23401E-02	-0.76180E-02	0.79694E-02	197.0
	6	0.23700E-02	0.11101E-02	0.26171E-02	64.9
	7	0.50422E-02	0.27682E-02	0.57521E-02	61.2
	8	0.18306E-01	-0.18329E-01	0.25905E-01	135.0
	9	-0.91995E-03	-0.16016E-02	0.18470E-02	209.8
	10	0.16848E-02	0.22611E-02	0.28198E-02	36.6

MAX=-0.45697E-01 MIN=-0.20679E 00 PEAK TO PEAK/2= 0.80546E-01



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

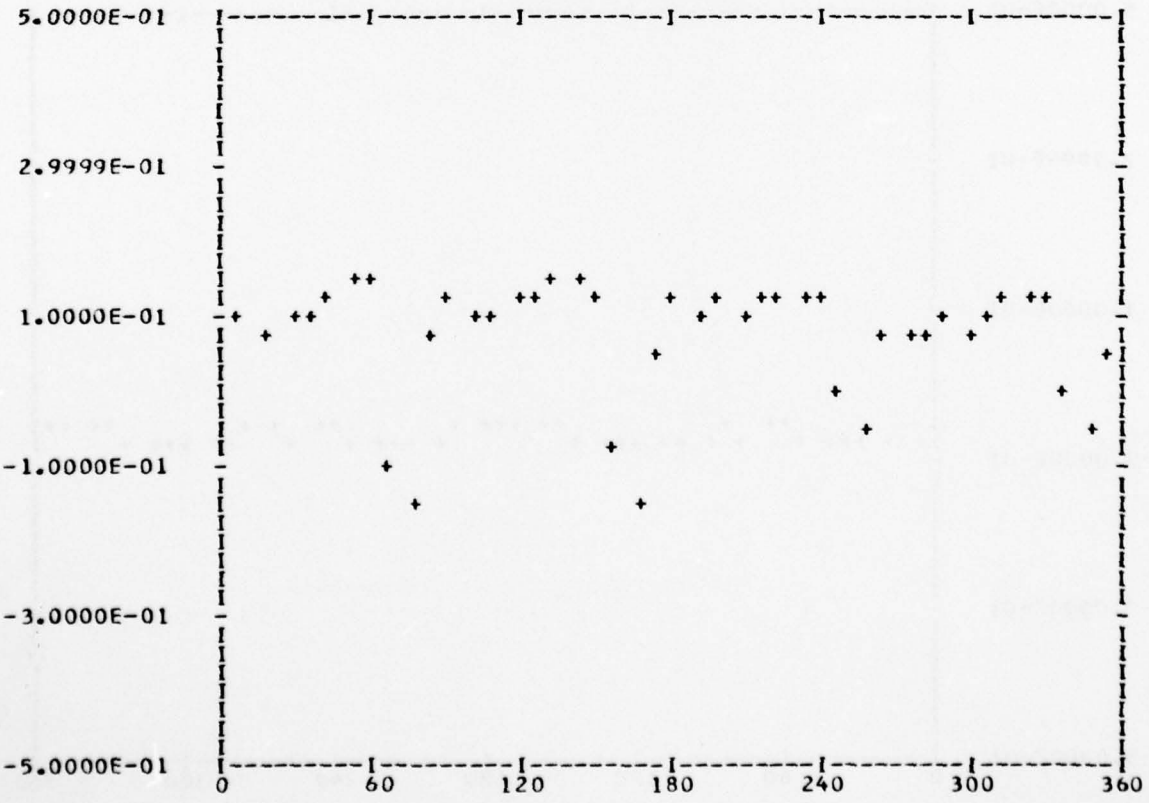
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.73273E-01	1	-0.68001E-02	-0.39221E-02	0.78501E-02	240.0
	2	-0.21108E-02	-0.41664E-03	0.21515E-02	258.8
	3	0.80985E-02	-0.96878E-02	0.12627E-01	140.1
	4	-0.64016E-02	0.69709E-01	0.70002E-01	354.7
	5	-0.17456E-01	-0.26807E-02	0.17661E-01	261.2
	6	0.14584E-02	0.20242E-02	0.24949E-02	35.7
	7	-0.11368E-01	-0.11051E-01	0.15854E-01	225.8
	8	0.60343E-01	-0.24764E-01	0.65227E-01	112.3
	9	0.42605E-02	0.15005E-01	0.15599E-01	15.8
	10	0.27532E-02	0.30166E-02	0.40842E-02	42.3

MAX= 0.16095E 00 MIN=-0.16171E 00 PEAK TO PEAK/2= 0.16133E 00



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

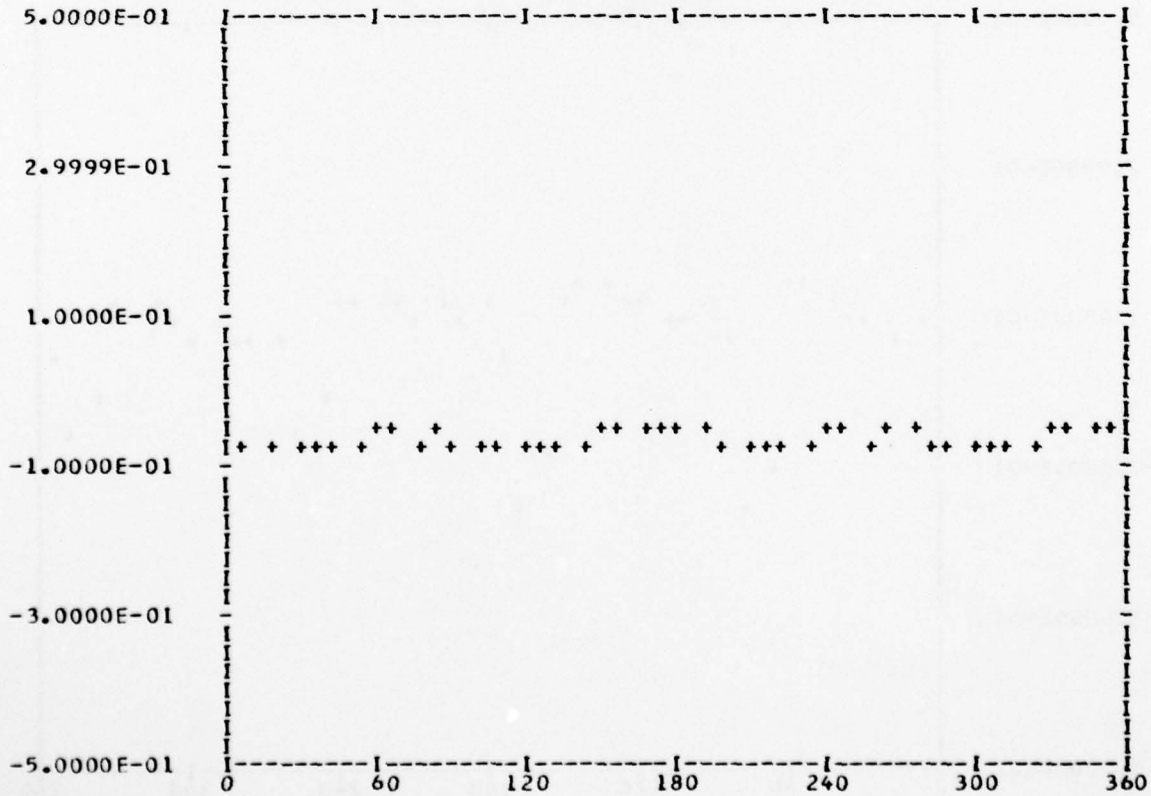
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.63285E-01	1	-0.80550E-04	-0.31813E-03	0.32817E-03	194.2
	2	0.80485E-03	-0.20708E-03	0.83106E-03	104.4
	3	-0.42205E-03	0.42438E-03	0.59852E-03	315.1
	4	-0.80161E-03	-0.31923E-02	0.32914E-02	194.0
	5	-0.28264E-03	0.20755E-04	0.28340E-03	274.1
	6	-0.14825E-03	-0.32028E-03	0.35292E-03	204.8
	7	0.71455E-04	0.41416E-03	0.42028E-03	9.7
	8	0.52729E-03	0.46442E-04	0.52933E-03	84.9
	9	-0.14816E-03	0.29760E-04	0.15112E-03	281.3
	10	0.36507E-03	0.29464E-03	0.46914E-03	51.0

MAX=-0.58506E-01 MIN=-0.67566E-01 PEAK TO PEAK/2= 0.45297E-02



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

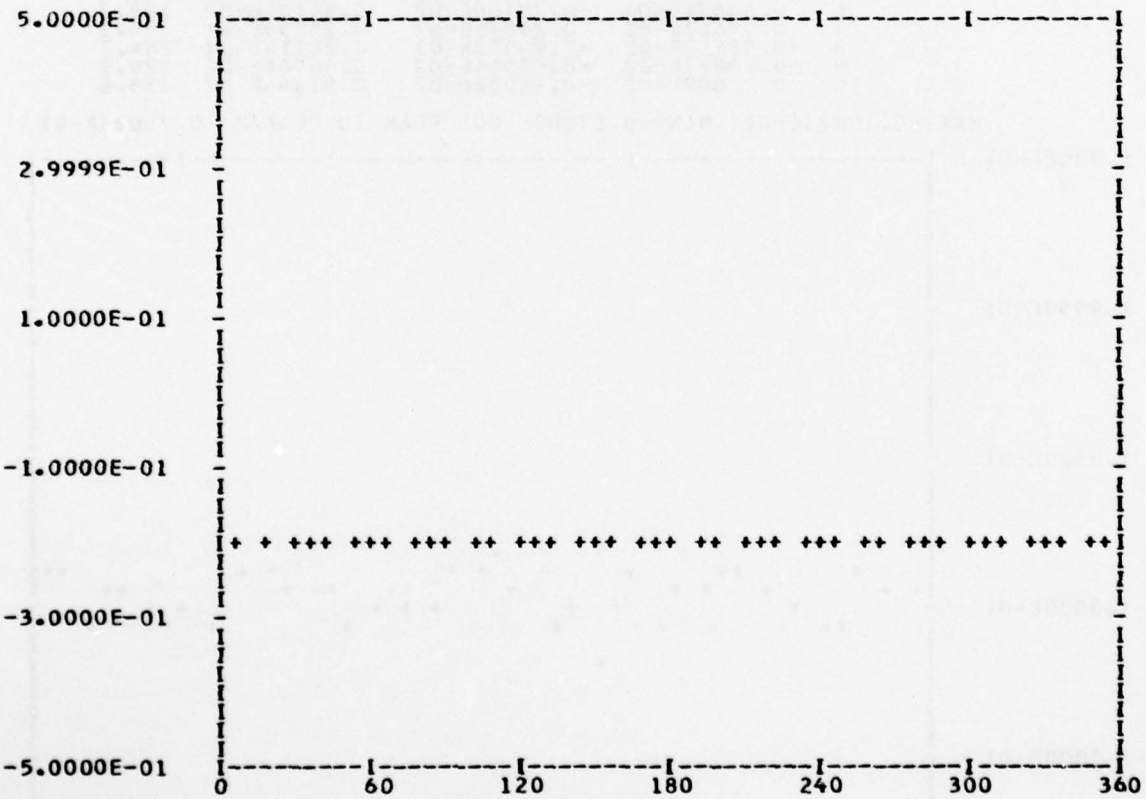
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 51

HARMONIC ANALYSIS SKIPPED

MAX=-0.19221E 00 MIN=-0.19221E 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---MID SECTION

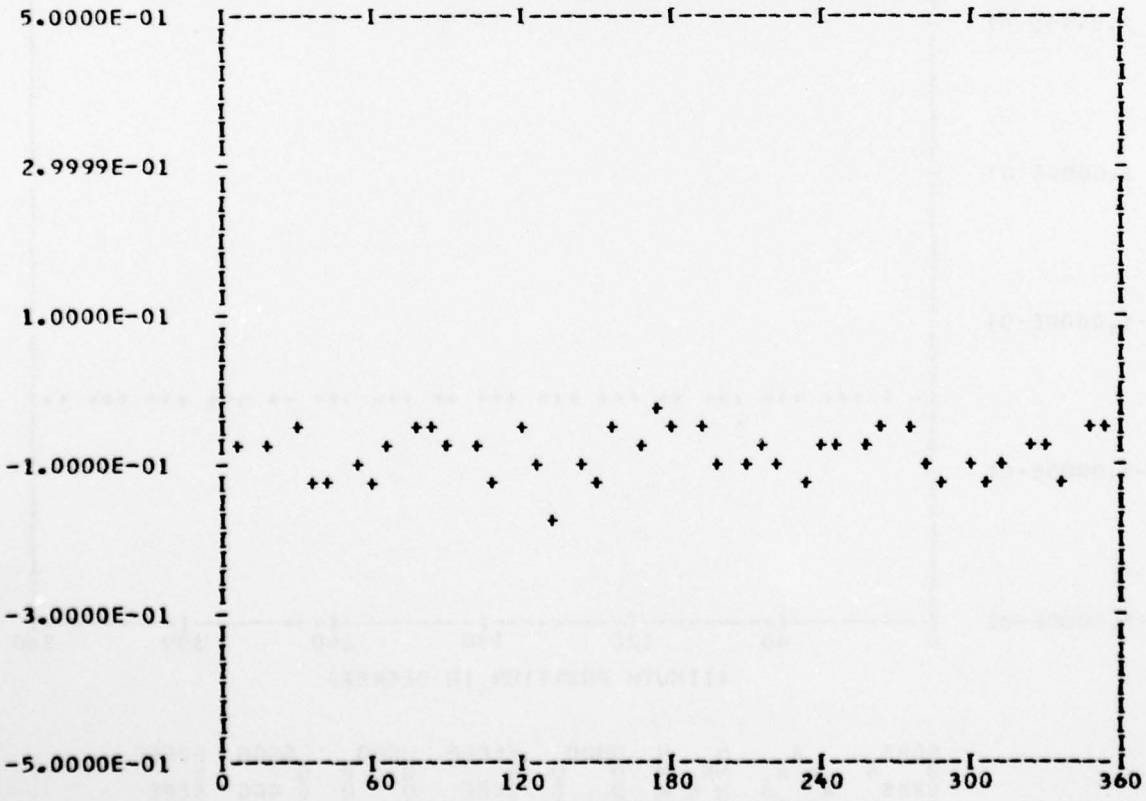
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.83580E-01	1	0.18751E-02	-0.63551E-03	0.19799E-02	108.7
	2	0.97541E-02	0.26364E-02	0.10104E-01	74.8
	3	0.79647E-04	-0.32055E-02	0.32065E-02	178.5
	4	0.10327E-01	-0.25818E-01	0.27807E-01	158.1
	5	0.27534E-02	0.81893E-02	0.86398E-02	18.5
	6	0.60871E-02	-0.20108E-02	0.64106E-02	108.2
	7	0.99663E-02	0.24236E-02	0.10256E-01	76.3
	8	-0.98490E-02	-0.90993E-03	0.98910E-02	264.7
	9	-0.50827E-02	-0.43594E-02	0.66961E-02	229.3
	10	0.22809E-02	-0.46002E-02	0.51346E-02	153.6

MAX=-0.19023E-01 MIN=-0.17508E 00 PEAK TO PEAK/2= 0.78033E-01



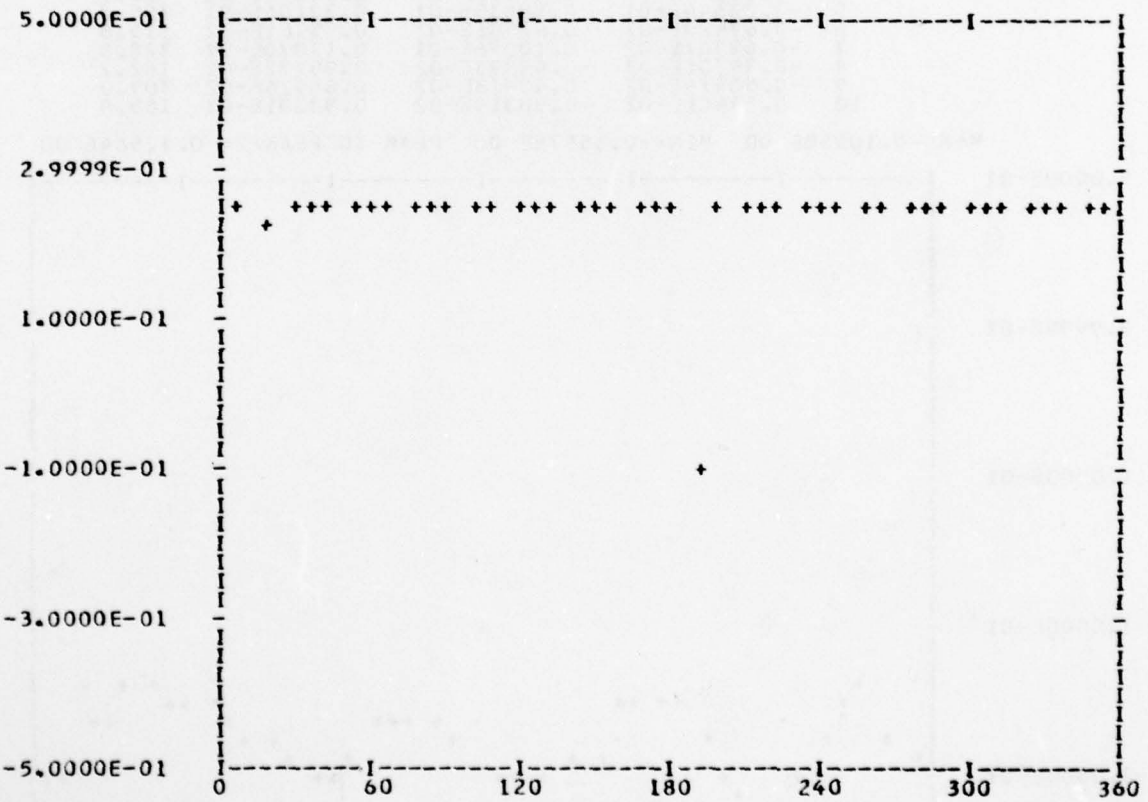
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	13
ENTERED	44	TP	3
OUT OF RANGE	0	CHAN	61
BANDEDGE	39		

HARMONIC ANALYSIS SKIPPED

MAX= 0.26107E 00 MIN=-0.98364E-01 PEAK TO PEAK/2= 0.17972E 00



AZIMUTH POSITION IN DEGREES

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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---MID SECTION

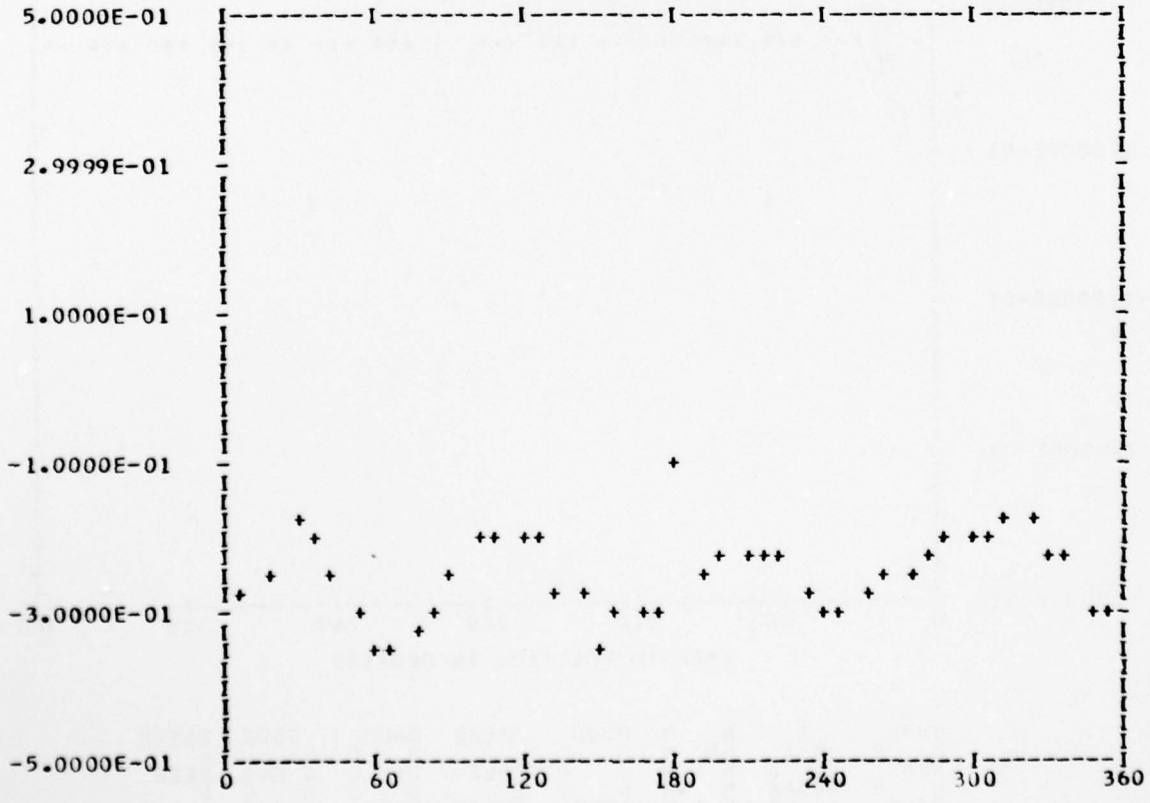
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25141E 00	1	0.56699E-03	-0.18925E-01	0.18934E-01	178.2
	2	-0.24448E-02	-0.17609E-01	0.17778E-01	187.9
	3	-0.11094E-01	-0.92690E-02	0.14456E-01	230.1
	4	0.15200E-01	0.47485E-01	0.49858E-01	17.7
	5	-0.23644E-01	0.18635E-01	0.30106E-01	308.2
	6	-0.67420E-02	0.67581E-02	0.95461E-02	315.0
	7	-0.63307E-02	0.10276E-01	0.12070E-01	328.3
	8	-0.39701E-03	-0.99093E-02	0.99172E-02	182.2
	9	-0.50414E-02	0.40913E-02	0.64926E-02	309.0
	10	0.23401E-02	-0.90319E-02	0.93301E-02	165.4

MAX=-0.10550E 00 MIN=-0.35678E 00 PEAK TO PEAK/2= 0.12564E 00



AD-A061 860 BOEING VERTOL CO PHILADELPHIA PA F/G 1/3
INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONFI--ETC(U)
SEP 78 P F SHERIDAN DAAJ02-77-C-0020
UNCLASSIFIED USARTL-TR-78-23B NL

3 OF 3
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UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

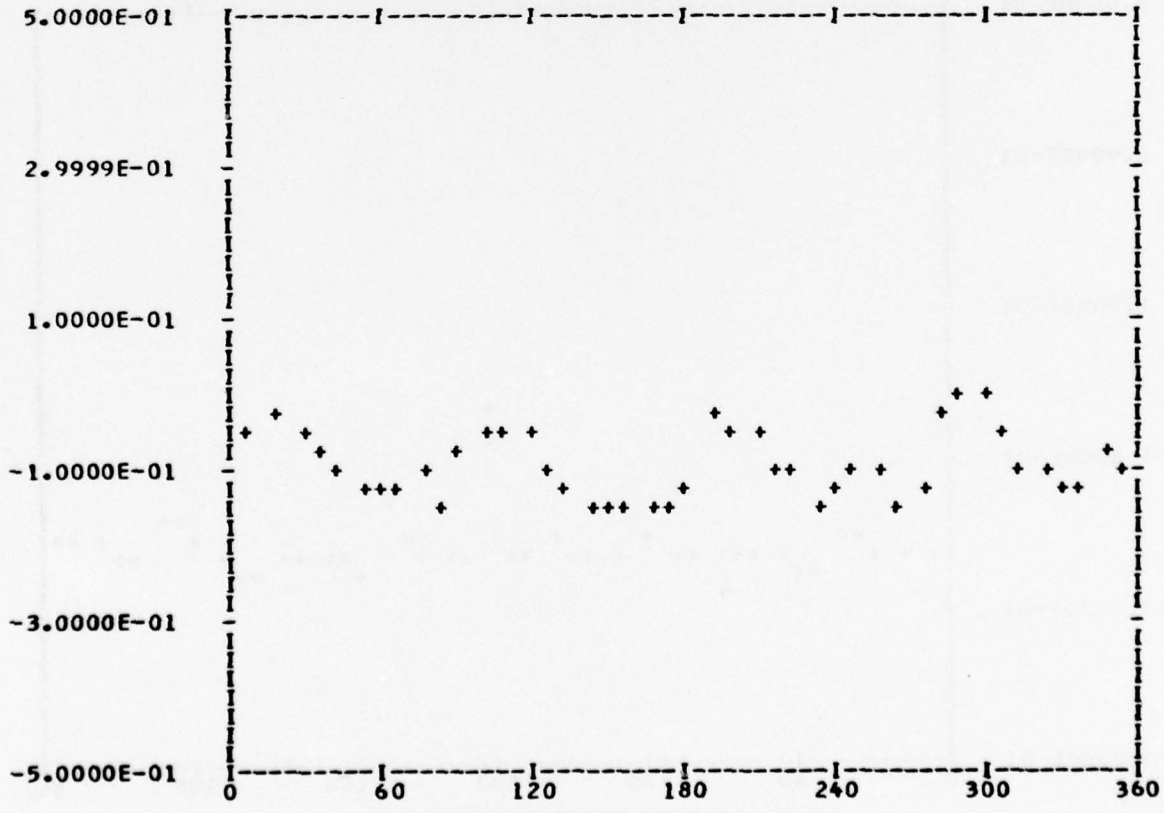
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.91825E-01	1	0.12078E-01	-0.94802E-02	0.15354E-01	128.1
	2	-0.56148E-02	0.18720E-02	0.59187E-02	288.4
	3	-0.76918E-02	-0.27016E-02	0.81524E-02	250.6
	4	0.39092E-01	0.25900E-01	0.46893E-01	56.4
	5	-0.35229E-03	-0.29014E-02	0.29227E-02	186.9
	6	0.11348E-02	-0.59502E-02	0.60574E-02	169.2
	7	-0.97273E-02	-0.13039E-02	0.98143E-02	262.3
	8	0.71294E-02	0.17729E-01	0.19109E-01	21.9
	9	0.23244E-02	-0.11587E-02	0.25972E-02	116.4
	10	-0.44841E-02	-0.78447E-03	0.45522E-02	260.0

MAX= 0.38248E-02 MIN=-0.15853E 00 PEAK TO PEAK/2= 0.81180E-01



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

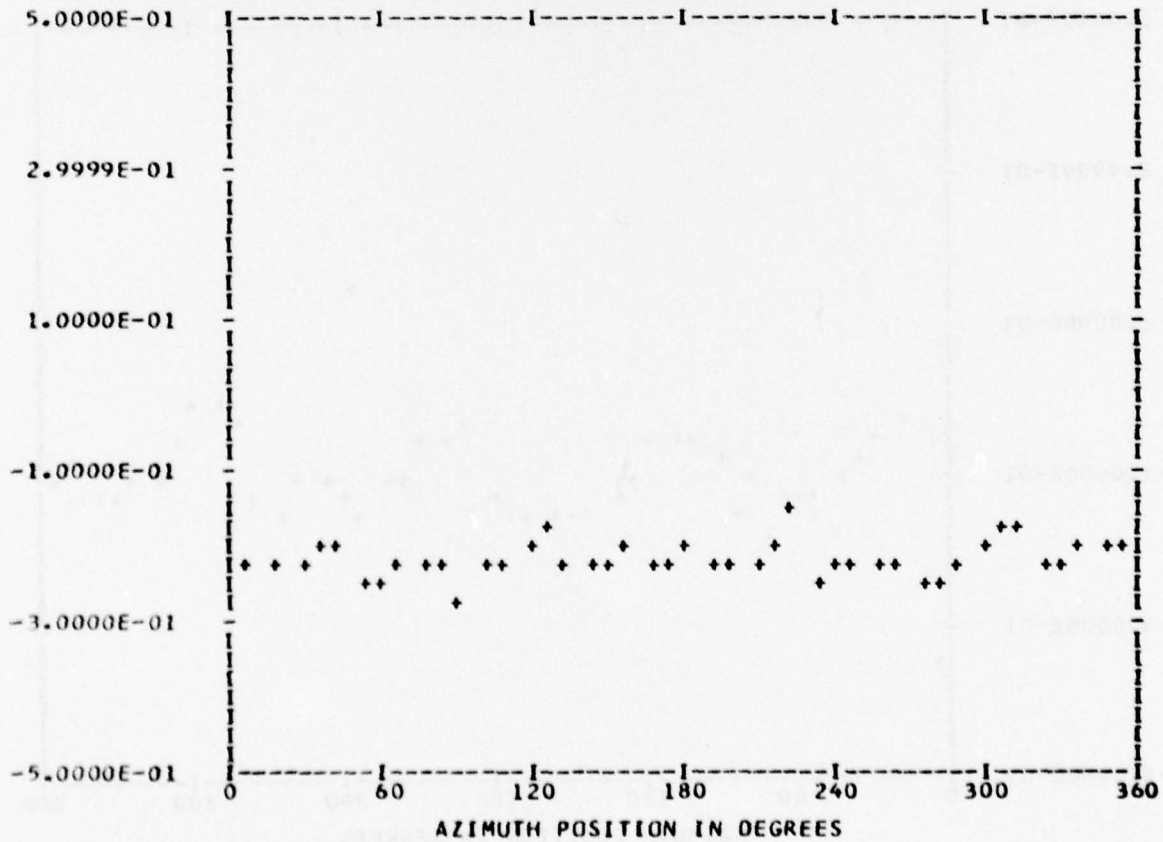
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21702E 00	1	0.11574E-02	-0.40808E-02	0.42418E-02	164.1
	2	0.45270E-02	-0.87211E-02	0.98261E-02	152.5
	3	-0.26066E-02	-0.53731E-02	0.59720E-02	205.8
	4	-0.10389E-01	0.96046E-02	0.14148E-01	312.7
	5	0.30961E-02	0.34162E-02	0.46104E-02	42.1
	6	0.13540E-02	-0.54313E-02	0.55975E-02	166.0
	7	0.10716E-02	0.18884E-02	0.21713E-02	29.5
	8	-0.14341E-01	-0.30011E-02	0.14651E-01	258.1
	9	-0.66412E-02	-0.14000E-03	0.66427E-02	268.7
	10	0.77656E-02	-0.34403E-02	0.84936E-02	113.8

MAX=-0.15420E 00 MIN=-0.26535E 00 PEAK TO PEAK/2= 0.55577E-01



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

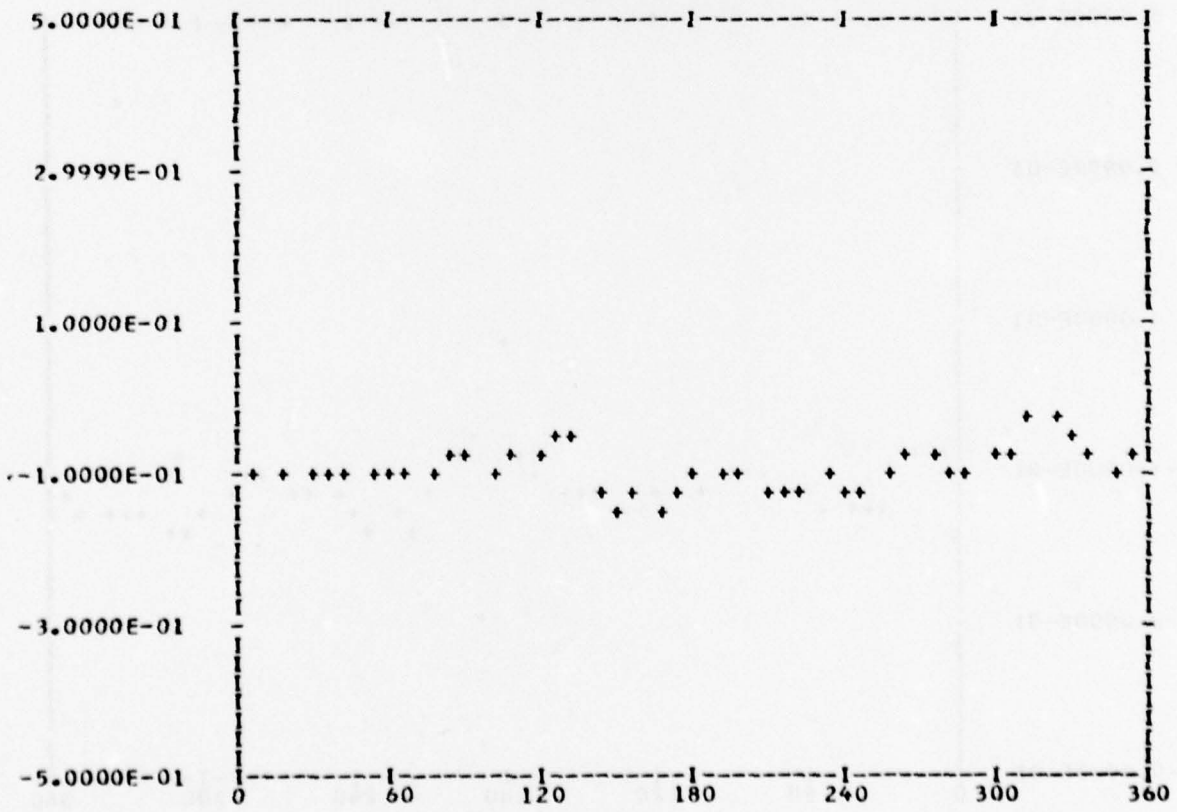
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.95723E-01	1	0.17824E-01	-0.23525E-02	0.17979E-01	97.5
	2	-0.14046E-01	-0.14048E-01	0.19866E-01	224.9
	3	-0.71847E-02	-0.85080E-02	0.11135E-01	220.1
	4	0.39665E-02	0.68633E-02	0.79271E-02	30.0
	5	-0.12474E-01	0.21944E-02	0.12666E-01	279.9
	6	0.10733E-01	-0.27602E-02	0.11083E-01	104.4
	7	0.33597E-02	0.31860E-02	0.46302E-02	46.5
	8	-0.41349E-02	-0.96895E-02	0.10534E-01	203.1
	9	-0.53251E-02	-0.19364E-02	0.56663E-02	250.0
	10	0.21883E-02	0.10172E-02	0.24131E-02	65.0

MAX=-0.24539E-01 MIN=-0.14584E 00 PEAK TO PEAK/2= 0.60654E-01



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

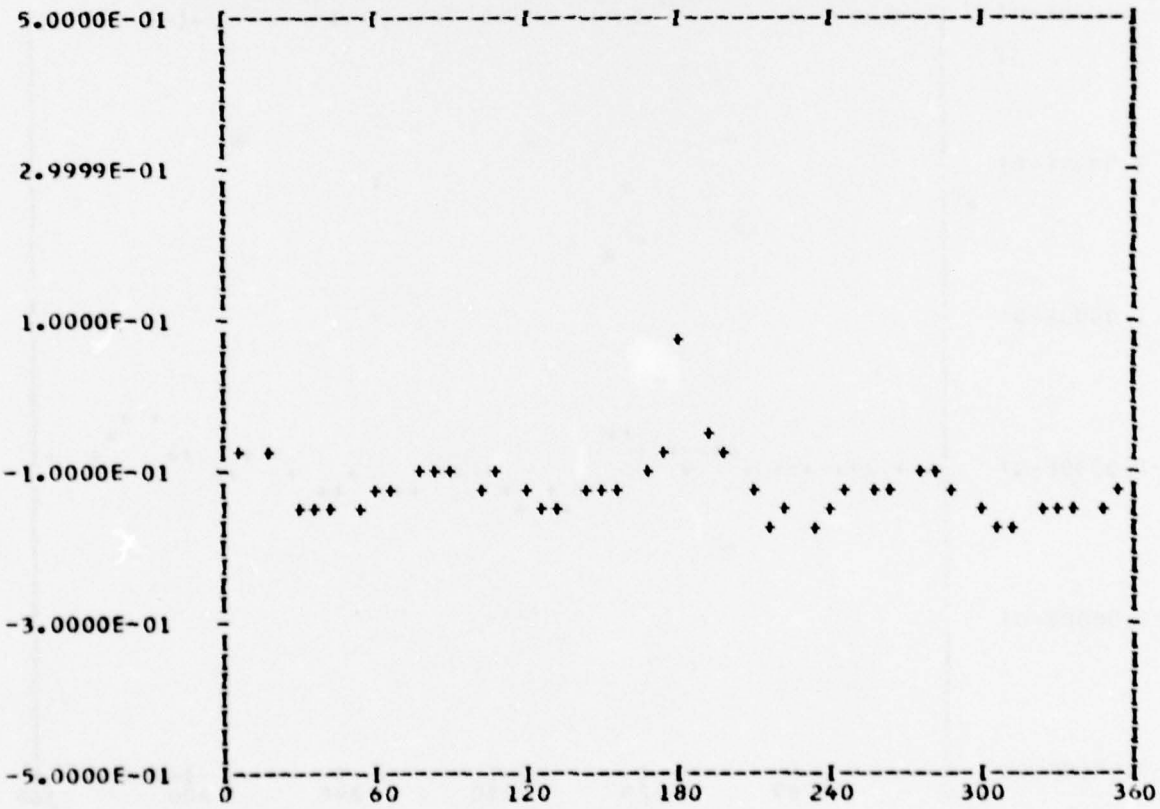
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12183E 00	1	-0.16023E-01	0.12640E-01	0.20409E-01	308.2
	2	0.13683E-01	0.87276E-03	0.13711E-01	86.3
	3	-0.87178E-02	0.65466E-02	0.10902E-01	306.9
	4	0.37058E-01	-0.11496E-01	0.38801E-01	107.2
	5	-0.77536E-02	0.34211E-02	0.84748E-02	293.8
	6	0.13465E-01	0.16909E-02	0.13571E-01	82.8
	7	-0.37666E-02	0.66276E-02	0.76231E-02	330.3
	8	0.13326E-01	0.28907E-02	0.13636E-01	77.7
	9	-0.30584E-02	0.21762E-02	0.37536E-02	305.4
	10	0.48681E-02	-0.32129E-02	0.58328E-02	123.4

MAX= 0.62638E-01 MIN=-0.17739E 00 PEAK TO PEAK/2= 0.12001E 00



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

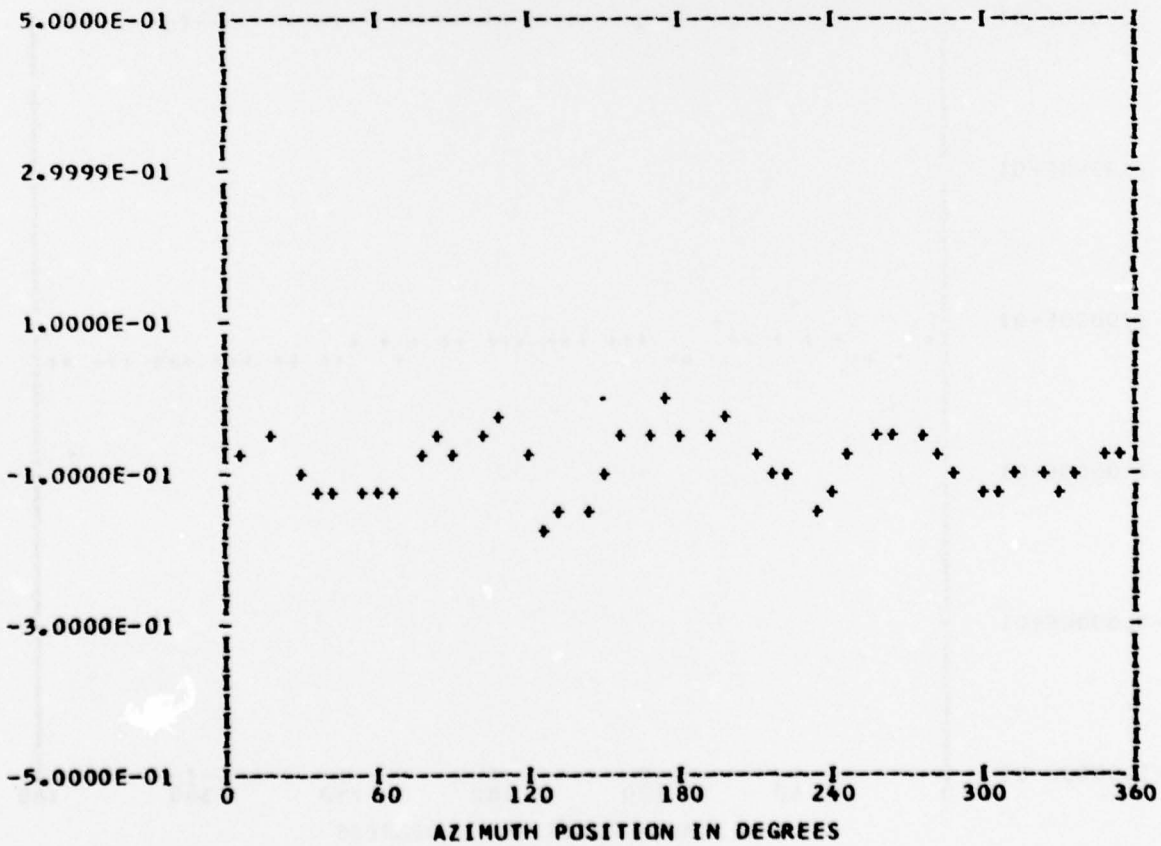
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.87150E-01	1	-0.13548E-01	-0.10046E-02	0.13585E-01	265.7
	2	0.94602E-02	0.75849E-03	0.94906E-02	85.4
	3	-0.68461E-02	-0.51930E-02	0.85929E-02	232.8
	4	0.39852E-01	-0.15504E-01	0.42761E-01	111.2
	5	-0.53005E-02	0.12253E-01	0.13350E-01	336.6
	6	-0.45514E-02	0.38999E-02	0.59938E-02	310.5
	7	0.12392E-01	-0.26072E-02	0.12663E-01	101.8
	8	-0.32331E-02	0.52664E-02	0.61797E-02	328.4
	9	-0.20135E-02	-0.28108E-02	0.34576E-02	215.6
	10	-0.14562E-03	-0.37063E-02	0.37092E-02	182.2

MAX= 0.13941E-02 MIN=-0.17566E 00 PEAK TO PEAK/2= 0.88527E-01



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

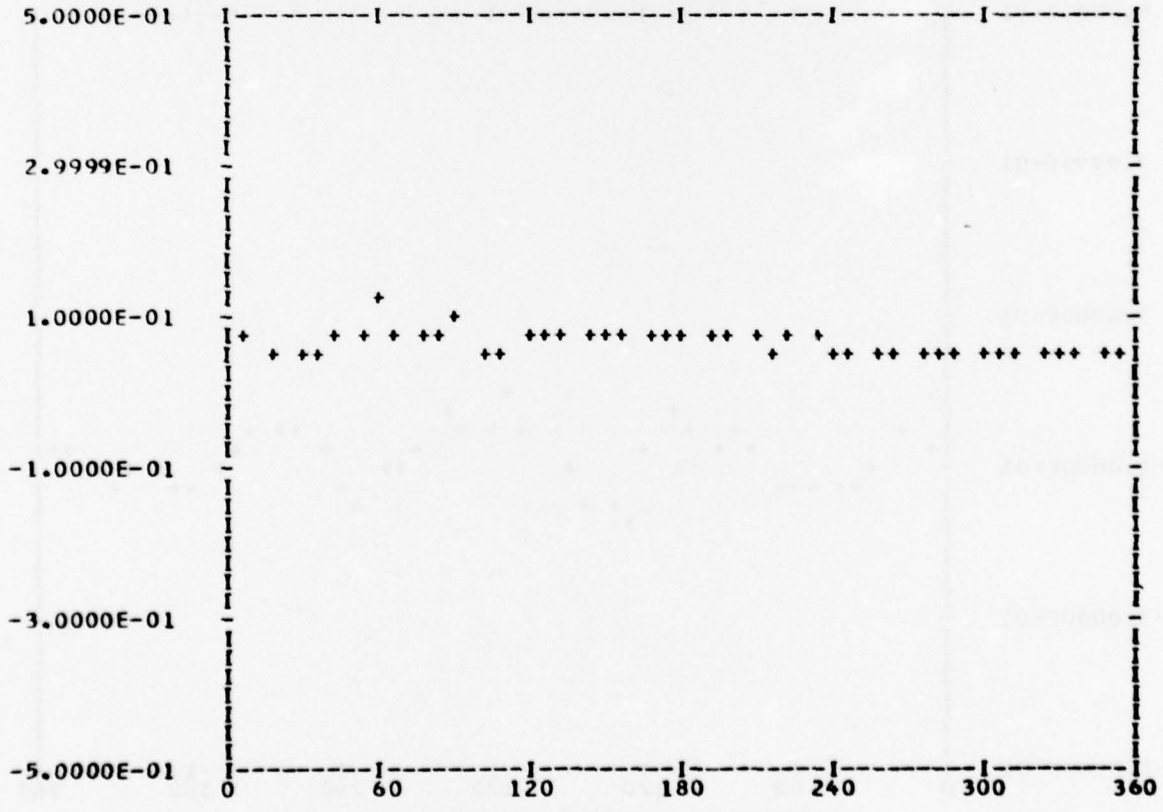
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.65382E-01	1	-0.47681E-02	0.12424E-01	0.13307E-01	339.0
	2	0.40188E-02	0.15242E-02	0.42982E-02	69.2
	3	-0.28093E-02	0.36197E-02	0.45819E-02	322.1
	4	-0.22274E-02	-0.39861E-02	0.45663E-02	209.1
	5	0.19614E-02	-0.37563E-02	0.42375E-02	152.4
	6	0.17346E-02	-0.15834E-02	0.23486E-02	132.3
	7	0.36115E-03	0.10766E-02	0.11356E-02	18.5
	8	0.27818E-02	-0.30490E-02	0.41273E-02	137.6
	9	0.29110E-02	0.12347E-02	0.31620E-02	67.0
	10	0.25411E-03	0.45280E-02	0.45351E-02	3.2

MAX= 0.11966E 00 MIN= 0.44896E-01 PEAK TO PEAK/2= 0.37385E-01



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

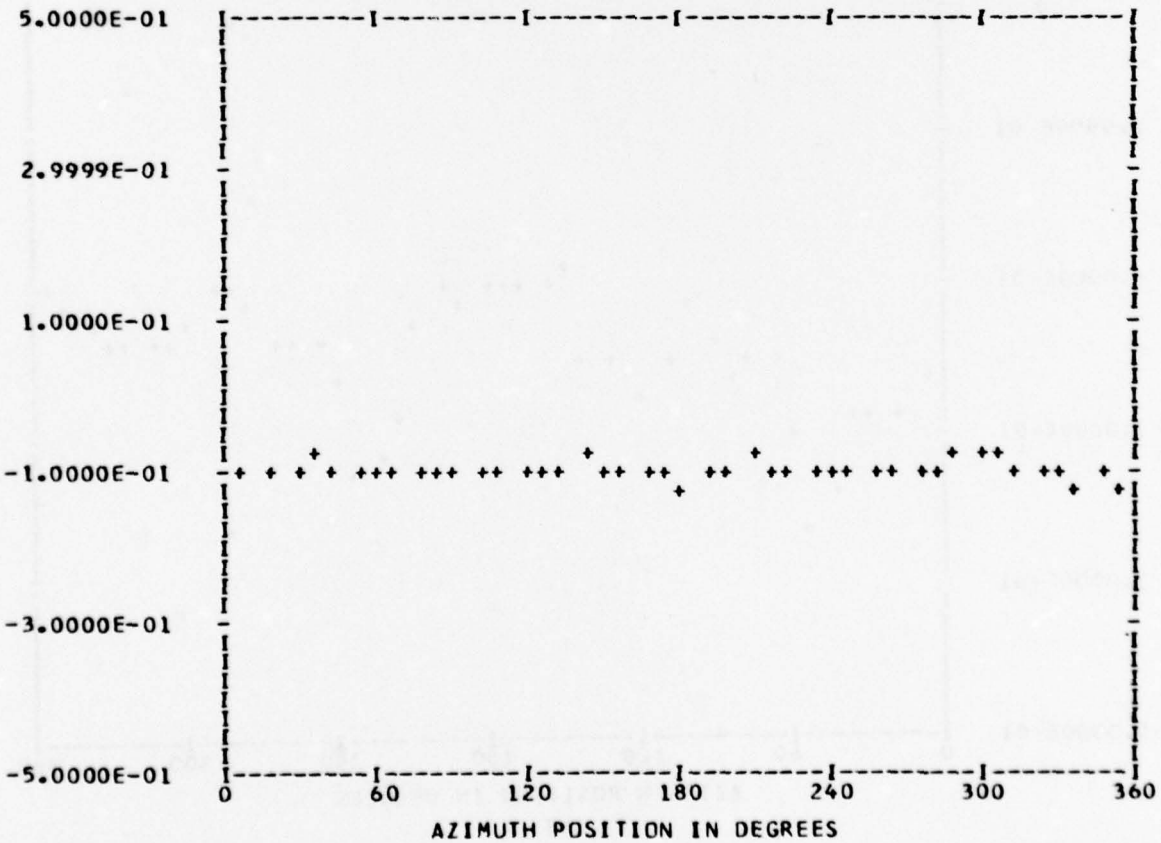
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.97303E-01	1	-0.12945E-02	-0.88469E-04	0.12975E-02	266.0
	2	-0.41626E-02	-0.10009E-02	0.42812E-02	256.4
	3	-0.50102E-03	0.42835E-02	0.43127E-02	353.3
	4	-0.49751E-03	0.85235E-02	0.85380E-02	356.6
	5	0.26676E-02	-0.60525E-03	0.27354E-02	102.7
	6	0.66870E-04	0.16653E-02	0.16666E-02	2.2
	7	-0.10282E-04	-0.14494E-03	0.14530E-03	184.0
	8	-0.12354E-02	0.19428E-02	0.23024E-02	327.5
	9	0.48941E-03	-0.22261E-03	0.53766E-03	114.4
	10	-0.78327E-03	-0.91958E-03	0.12079E-02	220.4

MAX=-0.77045E-01 MIN=-0.11834E 00 PEAK TO PEAK/2= 0.20649E-01



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

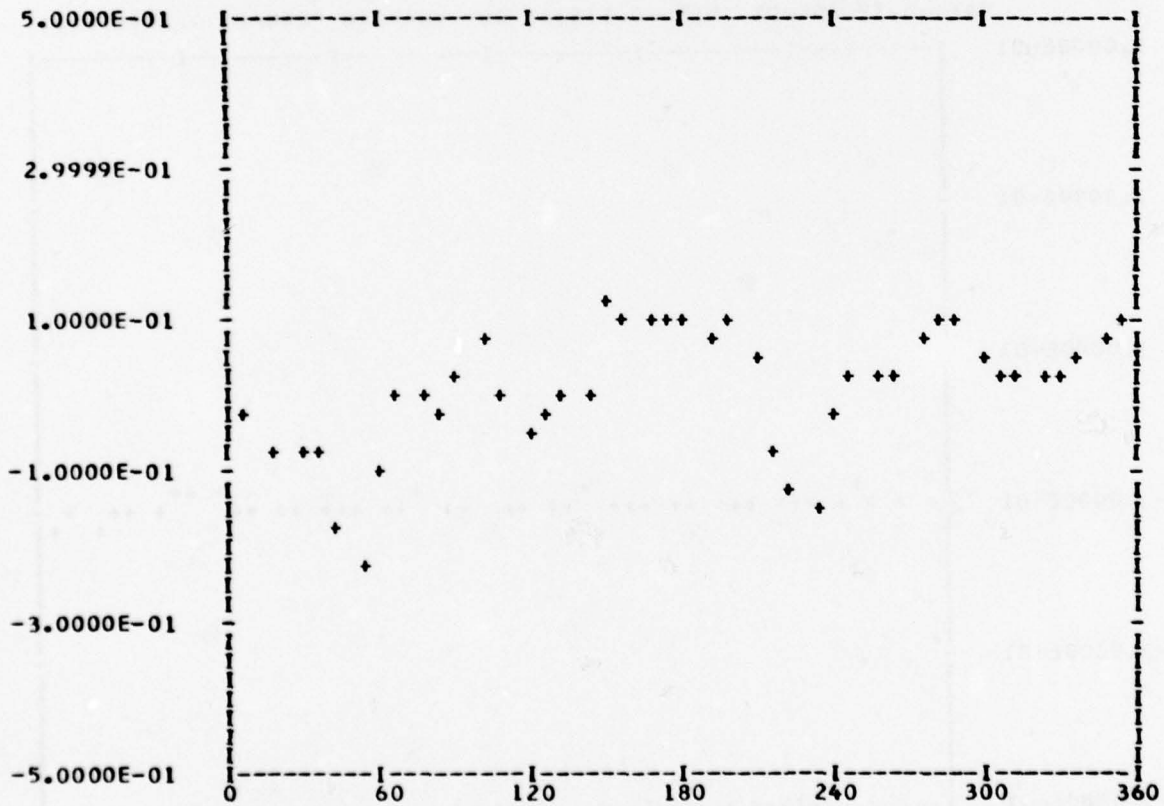
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.10264E-01	1	-0.27612E-01	-0.25234E-01	0.37406E-01	227.5
	2	0.48825E-02	-0.64104E-01	0.64290E-01	175.6
	3	-0.14177E-01	0.28783E-02	0.14466E-01	281.4
	4	0.52684E-01	-0.34703E-01	0.63087E-01	123.3
	5	0.70566E-02	-0.79317E-02	0.10616E-01	138.3
	6	0.28765E-02	0.13049E-01	0.13362E-01	12.4
	7	-0.30776E-02	-0.17071E-01	0.17346E-01	190.2
	8	-0.10906E-01	0.14177E-01	0.17886E-01	322.4
	9	-0.24946E-03	-0.12566E-01	0.12568E-01	181.1
	10	-0.13706E-01	-0.20278E-01	0.24475E-01	214.0

MAX= 0.11866E 00 MIN=-0.21275E 00 PEAK TO PEAK/2= 0.16571E 00



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

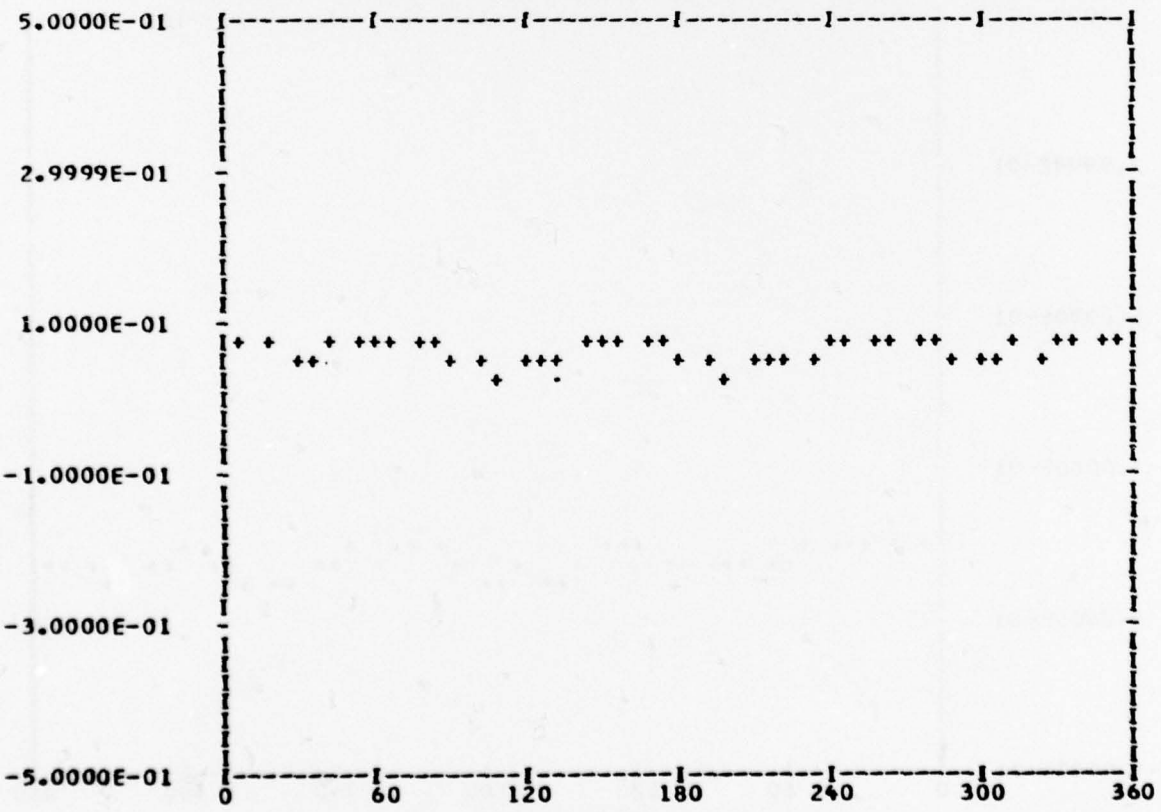
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.60602E-01	1	0.62539E-02	-0.30847E-02	0.69733E-02	116.2
	2	0.24874E-02	0.22032E-03	0.24971E-02	84.9
	3	0.52433E-02	0.44255E-02	0.68613E-02	49.8
	4	-0.50550E-02	-0.14158E-01	0.15034E-01	199.6
	5	0.23704E-02	-0.90820E-03	0.25385E-02	110.9
	6	0.17579E-02	-0.20903E-02	0.27313E-02	139.9
	7	0.18845E-02	-0.56080E-03	0.19662E-02	106.5
	8	0.27965E-02	-0.46389E-02	0.54166E-02	148.9
	9	-0.20799E-03	-0.12223E-02	0.12399E-02	189.6
	10	0.60567E-03	-0.16561E-02	0.17634E-02	159.9

MAX= 0.90098E-01 MIN= 0.16196E-01 PEAK TO PEAK/2= 0.36951E-01



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

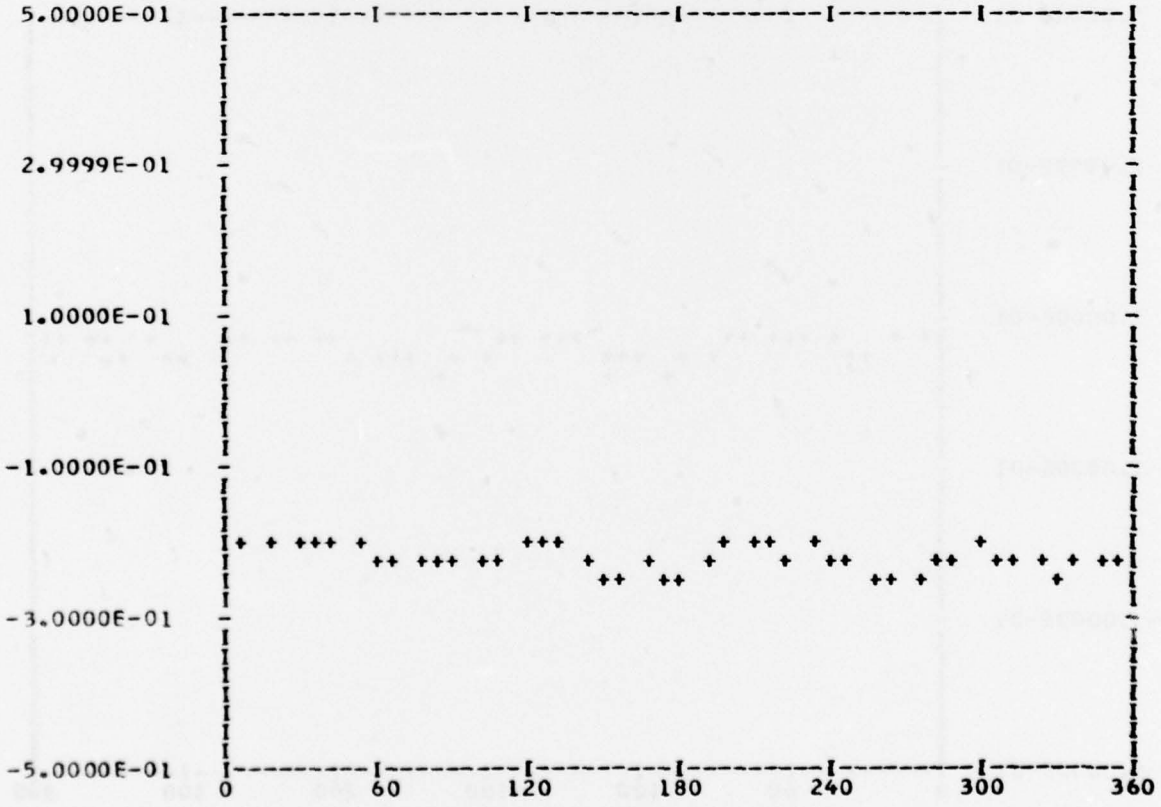
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 13
TP 3
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22234E 00	1	0.65438E-02	0.66951E-02	0.93619E-02	44.3
	2	0.30236E-02	0.31611E-02	0.43744E-02	43.7
	3	0.29292E-02	-0.26956E-02	0.39807E-02	132.6
	4	0.98677E-03	0.17461E-01	0.17489E-01	3.2
	5	0.16660E-02	-0.18846E-02	0.25154E-02	138.5
	6	0.13500E-02	-0.98978E-03	0.16740E-02	126.2
	7	-0.22389E-02	0.19896E-02	0.29953E-02	311.6
	8	-0.17017E-02	0.54548E-02	0.57141E-02	342.6
	9	0.22343E-02	-0.57832E-03	0.23079E-02	104.5
	10	-0.19032E-03	-0.50398E-02	0.50434E-02	357.8

MAX=-0.18853E 00 MIN=-0.25798E 00 PEAK TO PEAK/2= 0.34722E-01



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

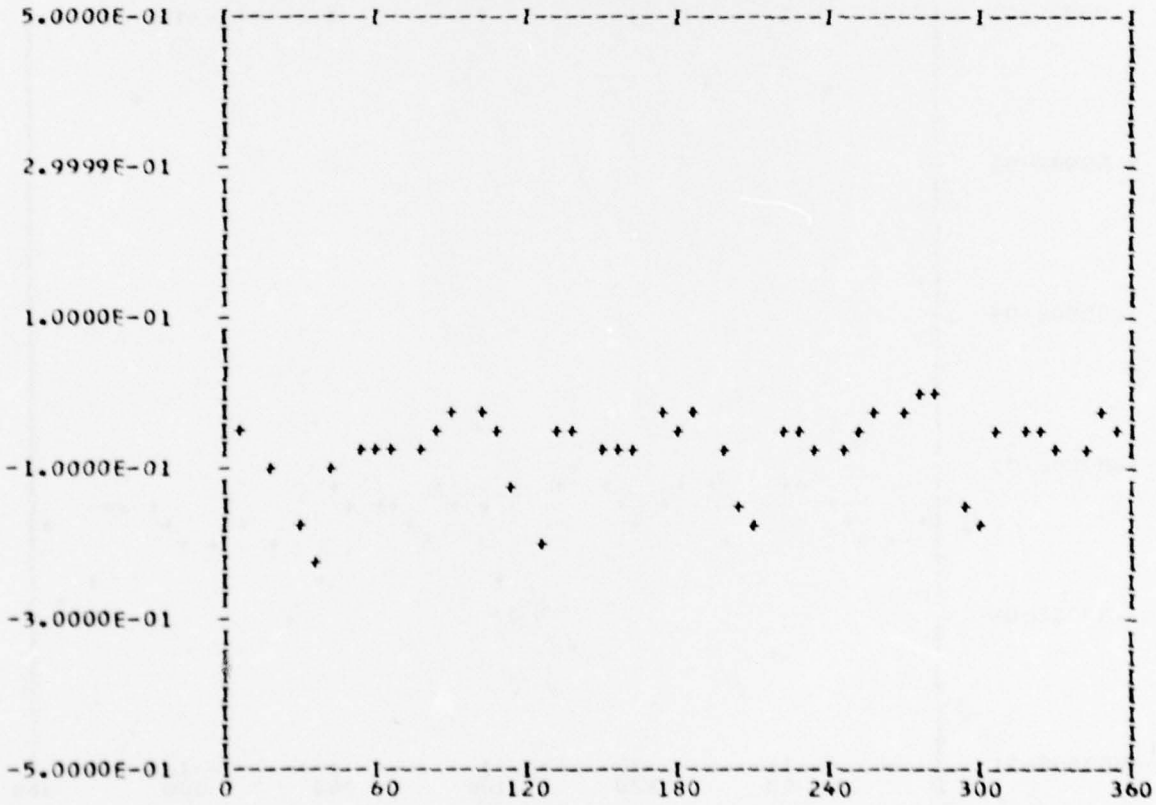
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.72733E-01	1	-0.89157E-02	-0.78976E-02	0.11910E-01	228.4
	2	-0.11779E-01	-0.29559E-02	0.12144E-01	255.9
	3	-0.25825E-02	-0.75020E-02	0.79341E-02	198.9
	4	-0.58411E-02	-0.41038E-01	0.41452E-01	188.1
	5	0.18610E-02	0.18351E-03	0.18700E-02	84.3
	6	-0.10646E-02	-0.54619E-03	0.11965E-02	242.8
	7	0.94062E-02	-0.24919E-02	0.97307E-02	104.8
	8	0.14879E-01	-0.33801E-01	0.36931E-01	156.2
	9	0.11353E-02	0.10187E-01	0.10250E-01	6.3
	10	-0.99805E-03	0.53353E-02	0.54279E-02	349.4

MAX=-0.50232E-02 MIN=-0.22388E 00 PEAK TO PEAK/2= 0.10943E 00



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

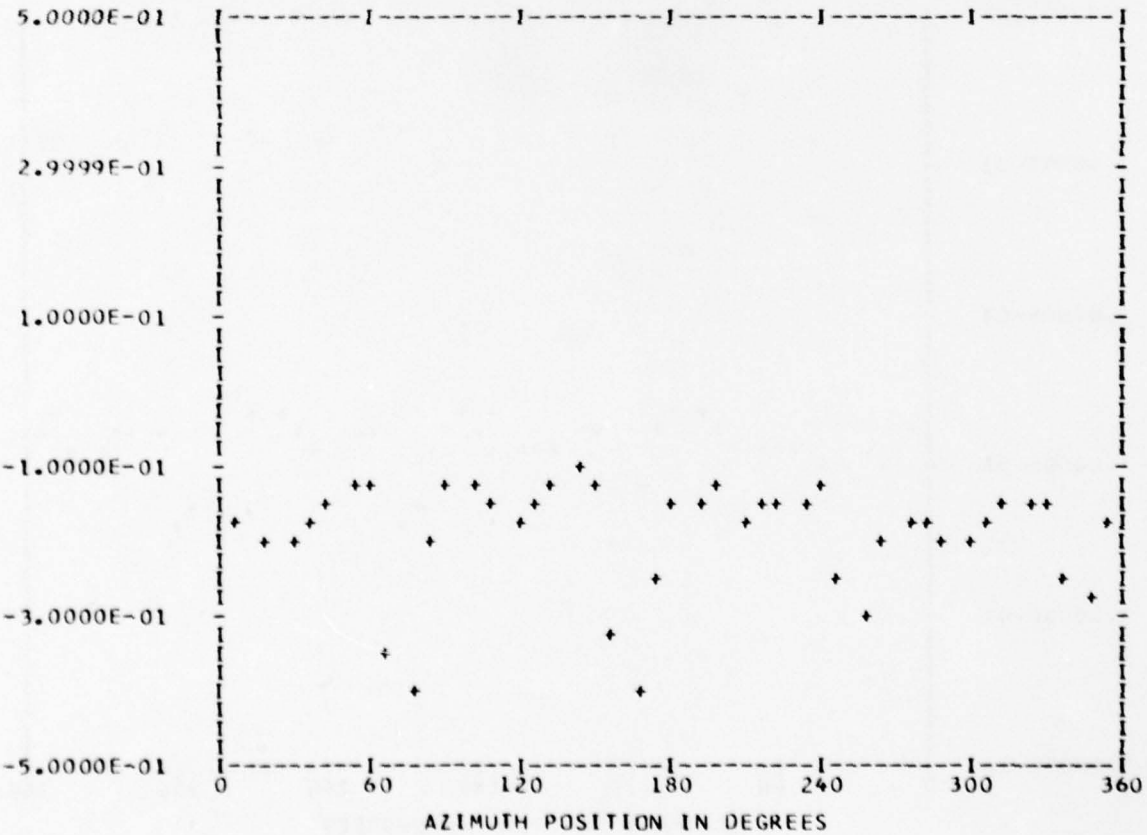
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.19012E 00	1	-0.38708E-02	-0.24616E-02	0.45872E-02	237.5
	2	-0.33717E-02	-0.40287E-03	0.33957E-02	263.1
	3	0.14042E-01	-0.14833E-01	0.20425E-01	136.5
	4	-0.50408E-02	0.59561E-01	0.59774E-01	355.1
	5	-0.17966E-01	-0.79700E-02	0.19655E-01	246.0
	6	-0.20531E-02	0.21422E-02	0.29672E-02	316.2
	7	-0.90912E-02	-0.20449E-01	0.22379E-01	203.9
	8	0.60354E-01	-0.20459E-01	0.63728E-01	108.7
	9	0.10715E-02	0.88816E-02	0.89460E-02	6.8
	10	0.20259E-03	0.32891E-02	0.32953E-02	3.5

MAX=-0.10890E 00 MIN=-0.41207E 00 PEAK TO PEAK/2= 0.15158E 00



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

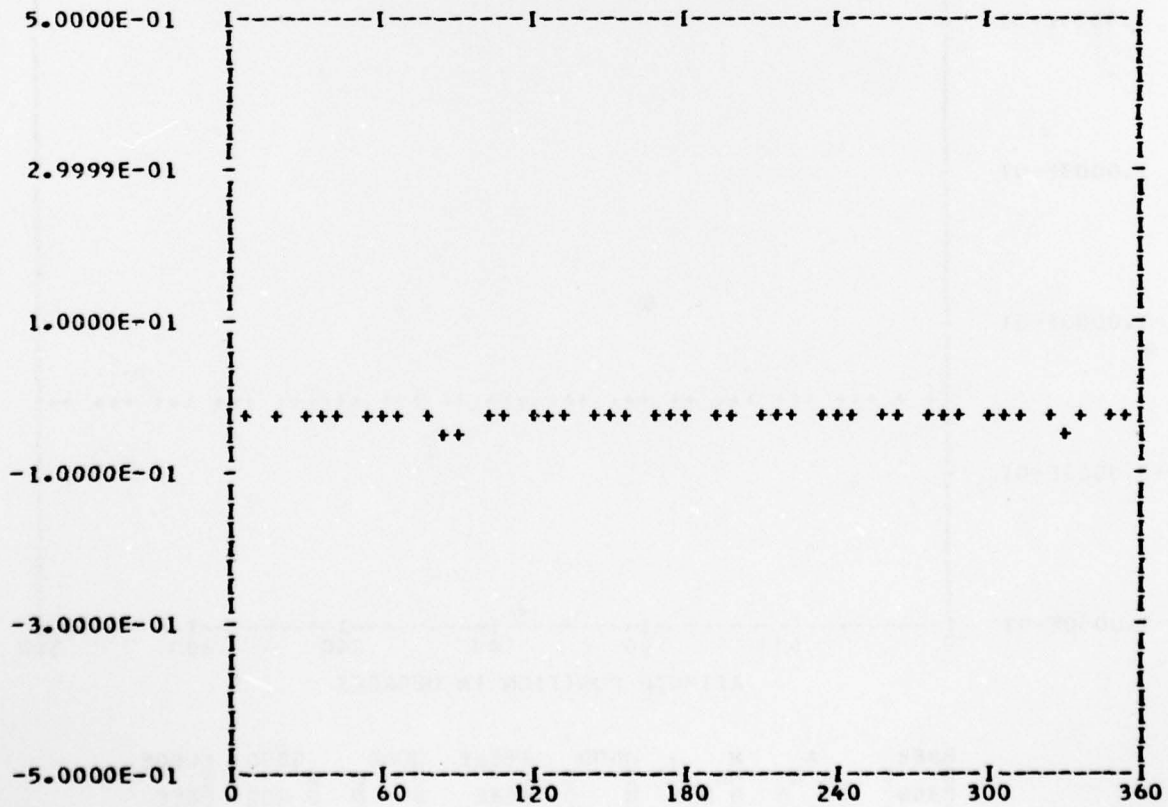
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.27381E-01	1	-0.23523E-02	-0.29773E-02	0.37944E-02	218.3
	2	0.18939E-03	0.23913E-02	0.23988E-02	4.5
	3	0.25956E-02	0.15939E-02	0.30460E-02	58.4
	4	-0.19108E-02	0.16770E-02	0.25423E-02	311.2
	5	-0.56681E-03	-0.16989E-03	0.59172E-03	253.3
	6	0.10744E-02	-0.77533E-03	0.13250E-02	125.8
	7	0.54800E-03	-0.71537E-03	0.90114E-03	142.5
	8	-0.64522E-03	0.14774E-02	0.16122E-02	336.4
	9	-0.12082E-02	0.42650E-03	0.12812E-02	289.4
	10	-0.84986E-03	0.58344E-03	0.10308E-02	304.4

MAX=-0.16736E-01 MIN=-0.42531E-01 PEAK TO PEAK/2= 0.12897E-01



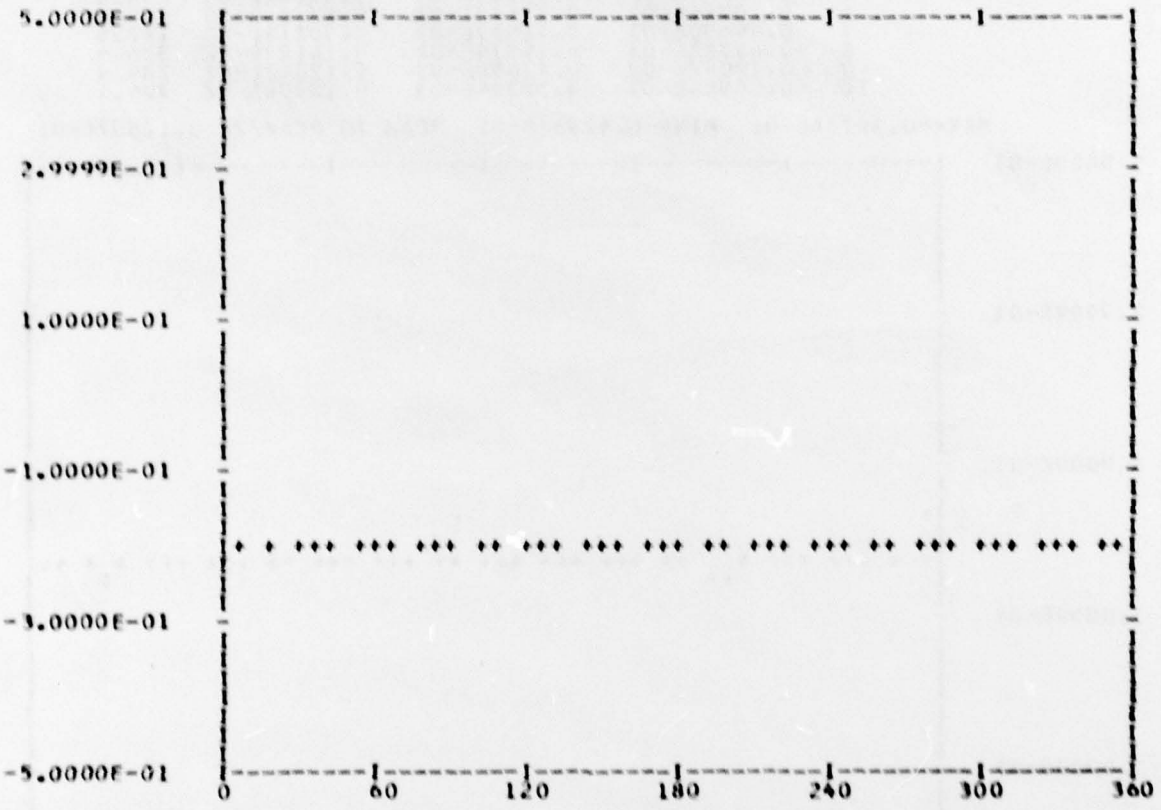
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***		RUN	14
ENTERED	44	TP	2
OUT OF RANGE	0	CHAN	51
BANDEDGE	42		

HARMONIC ANALYSIS SKIPPED

MAX=-0.19068E 00 MIN=-0.19221E 00 PEAK TO PEAK/2= 0.76663E-03



BBBB A N N DDDD EEEEE DDDD GGGG EEEEE
B B A A NN N D D E D D G G E
BBBB A A N N N D D EEEE D D G GG 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---MID SECTION

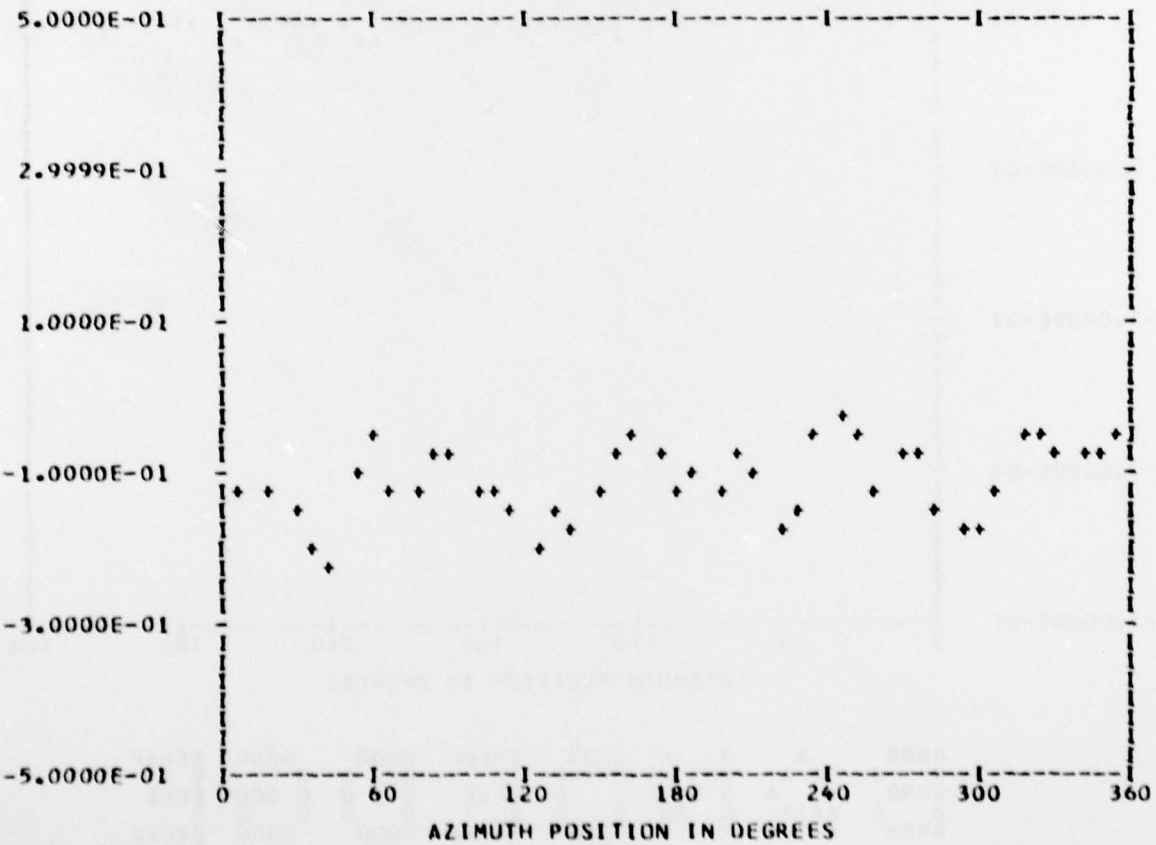
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11127E 00	1	-0.52969E-02	-0.16653E-01	0.17475E-01	197.6
	2	0.14059E-02	-0.47834E-02	0.49857E-02	163.6
	3	-0.10417E-01	-0.15707E-01	0.18848E-01	213.5
	4	-0.22019E-01	-0.39685E-01	0.45384E-01	209.0
	5	0.23998E-02	0.77089E-02	0.80738E-02	17.2
	6	0.48681E-02	0.38322E-02	0.61955E-02	51.7
	7	0.70939E-02	-0.10188E-01	0.12415E-01	145.1
	8	0.14673E-01	0.45509E-03	0.14680E-01	88.2
	9	-0.44700E-02	-0.99070E-02	0.10868E-01	204.2
	10	-0.52907E-02	0.25634E-01	0.26174E-01	348.3

MAX=-0.36277E-01 MIN=-0.23548E 00 PEAK TO PEAK/2= 0.99601E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION.

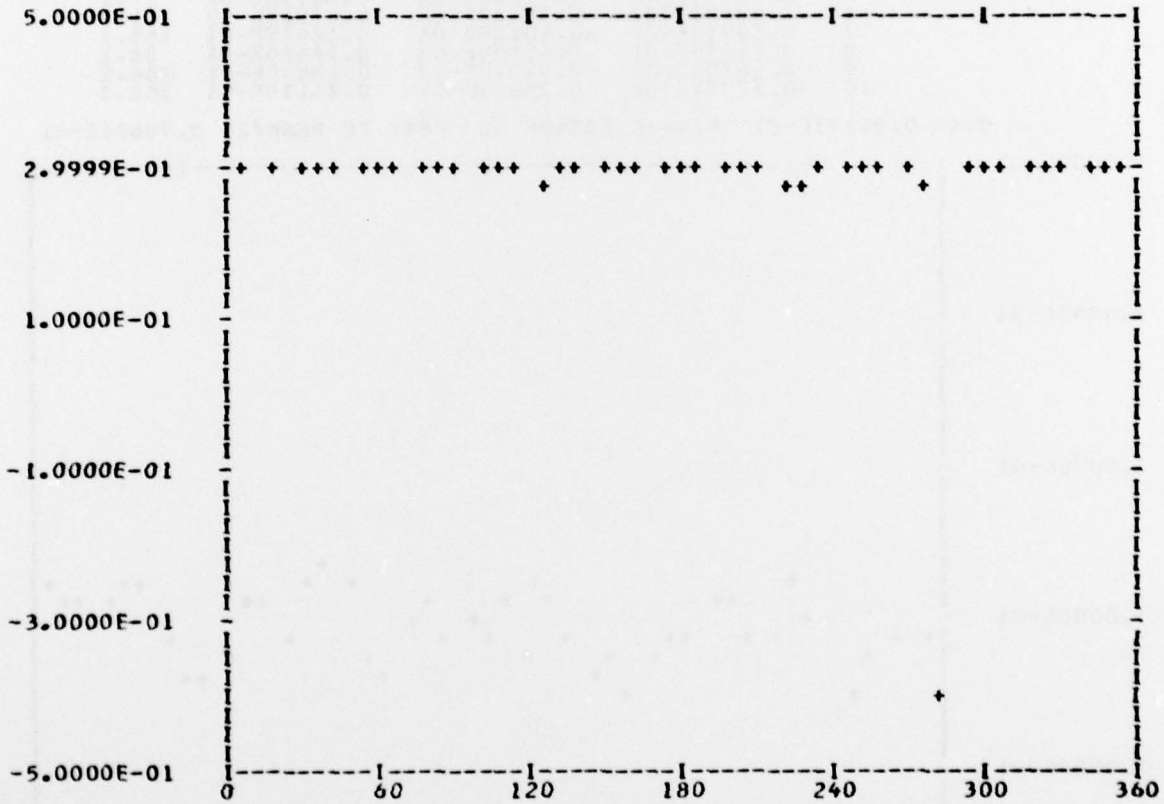
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 45
OUT OF RANGE 0
BANDEDGE 35

RUN 14
TP 2
CHAN 61

HARMONIC ANALYSIS SKIPPED

MAX= 0.30321E 00 MIN=-0.39613E 00 PEAK TO PEAK/2= 0.34967E 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---MID SECTION

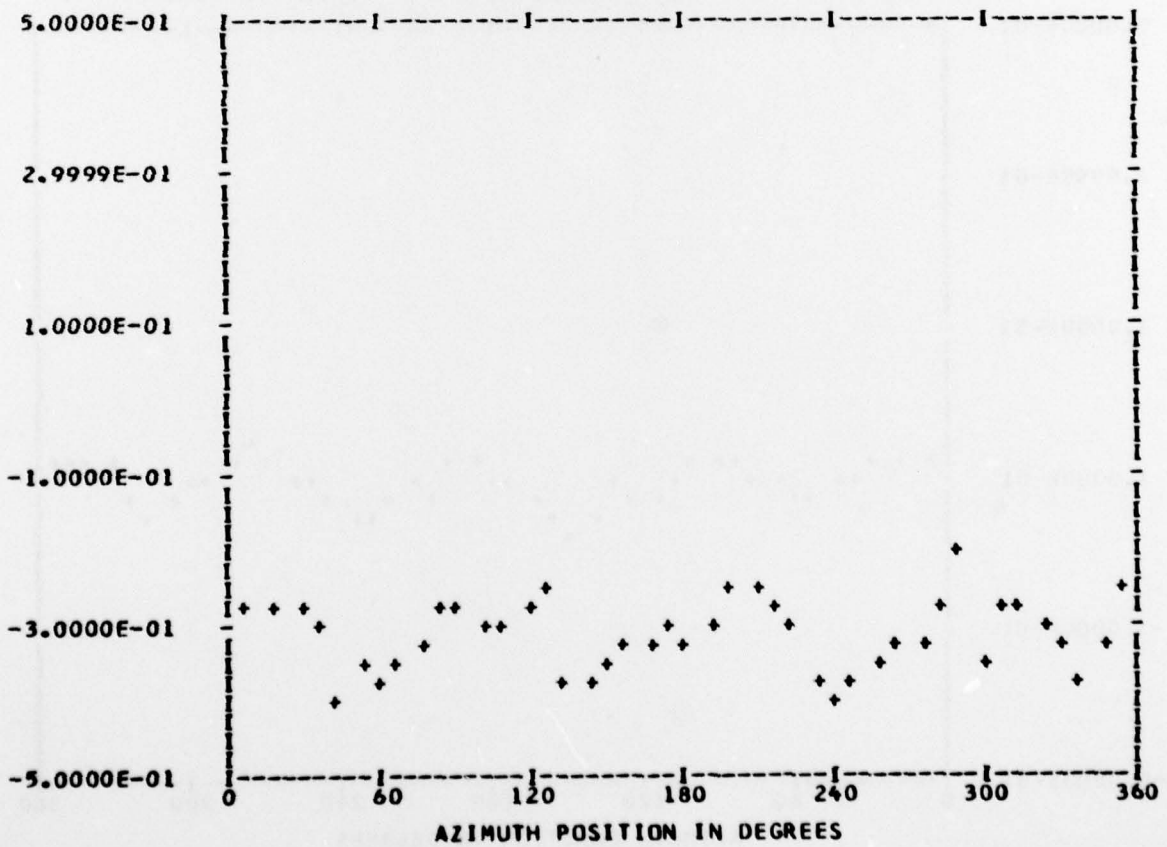
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.31201E 00	1	0.41020E-02	-0.29379E-02	0.50456E-02	125.6
	2	0.73678E-02	-0.11085E-01	0.13311E-01	146.3
	3	-0.62232E-02	-0.12545E-01	0.14004E-01	206.3
	4	0.40613E-01	0.24316E-01	0.47336E-01	59.0
	5	0.14826E-01	-0.39632E-02	0.15347E-01	104.9
	6	-0.51723E-03	0.50436E-02	0.50701E-02	354.1
	7	0.12942E-01	0.43970E-02	0.13668E-01	71.2
	8	-0.86308E-02	-0.35783E-02	0.93432E-02	247.4
	9	0.69800E-02	-0.15250E-01	0.16772E-01	155.4
	10	-0.24878E-02	-0.35878E-02	0.43659E-02	214.7

MAX=-0.20546E 00 MIN=-0.41226E 00 PEAK TO PEAK/2= 0.10340E 00



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

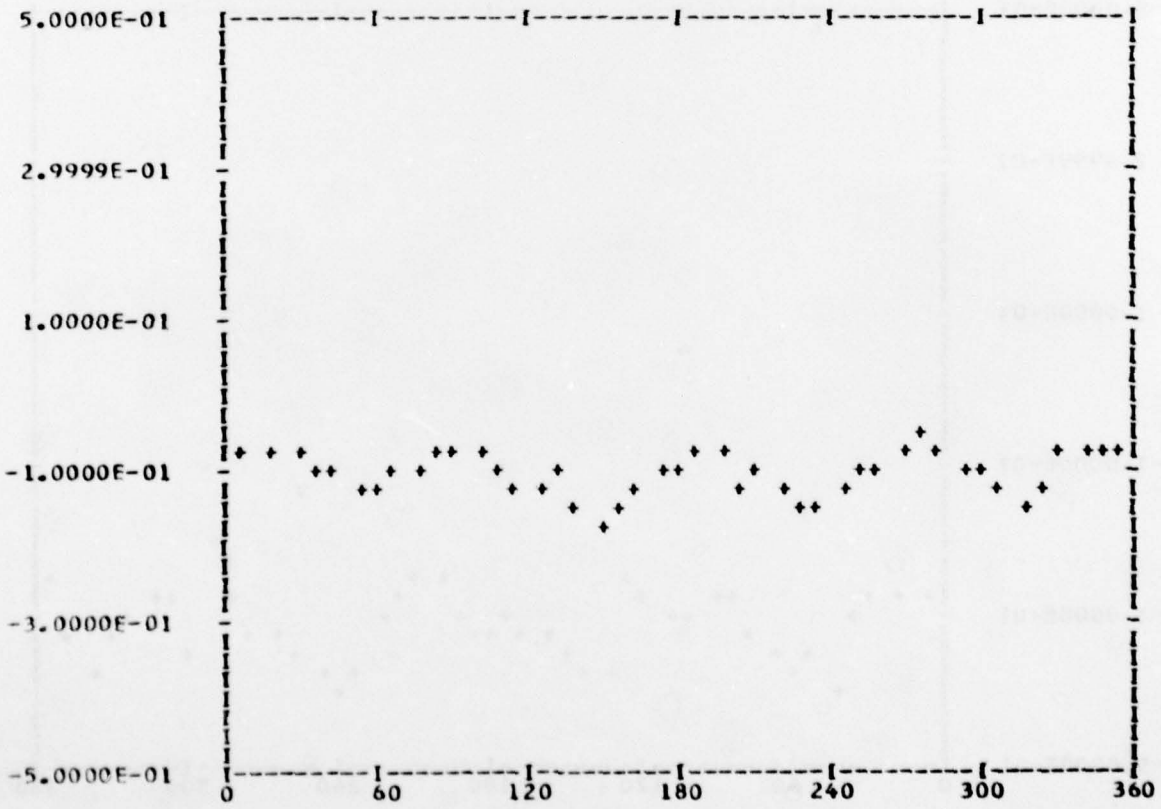
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10353E 00	1	0.15758E-01	-0.40619E-02	0.16273E-01	104.4
	2	-0.80108E-03	0.24667E-02	0.25935E-02	342.0
	3	0.38003E-03	-0.71779E-03	0.81219E-03	152.1
	4	0.24890E-01	-0.14181E-01	0.28646E-01	119.6
	5	-0.94429E-02	0.11452E-02	0.95121E-02	276.9
	6	-0.23522E-02	0.18910E-02	0.30181E-02	308.7
	7	-0.18961E-02	0.88438E-02	0.90448E-02	347.8
	8	-0.58194E-02	-0.11177E-02	0.59258E-02	259.1
	9	0.50196E-02	0.21553E-02	0.54628E-02	66.7
	10	0.72324E-03	-0.67772E-03	0.99115E-03	133.1

MAX=-0.50053E-01 MIN=-0.16704E 00 PEAK TO PEAK/2= 0.58494E-01



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

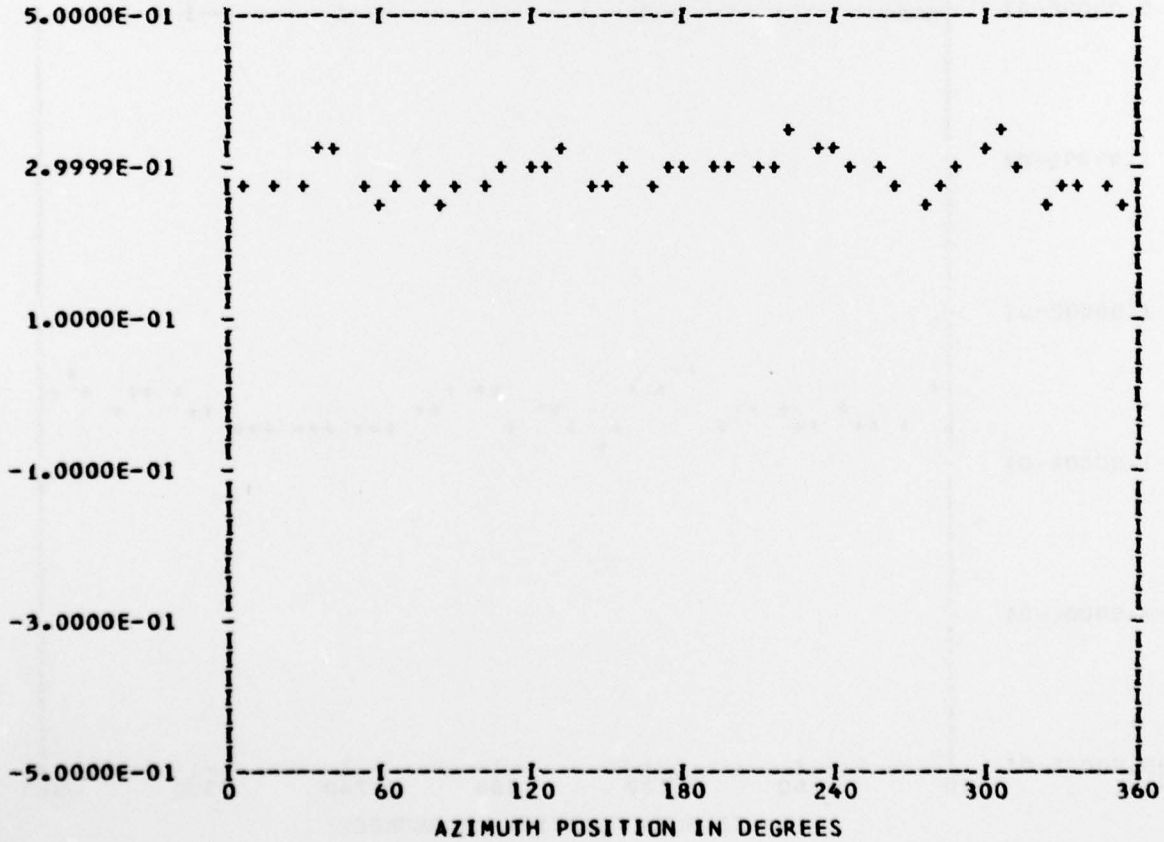
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.28931E 00	1	-0.13679E-01	-0.48713E-02	0.14521E-01	250.3
	2	0.14986E-03	0.29327E-02	0.29365E-02	2.9
	3	-0.39232E-03	0.14074E-02	0.14611E-02	344.4
	4	-0.11304E-01	0.19425E-01	0.22475E-01	329.8
	5	0.91667E-03	0.96768E-02	0.97201E-02	5.4
	6	0.20788E-02	-0.75988E-02	0.78781E-02	164.6
	7	-0.71182E-02	0.36232E-03	0.71275E-02	272.9
	8	-0.77514E-02	0.63582E-03	0.77774E-02	274.6
	9	-0.24836E-02	0.40561E-02	0.47561E-02	328.5
	10	0.20908E-02	0.21078E-03	0.21014E-02	84.2

MAX= 0.34280E 00 MIN= 0.23808E 00 PEAK TO PEAK/2= 0.52358E-01



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

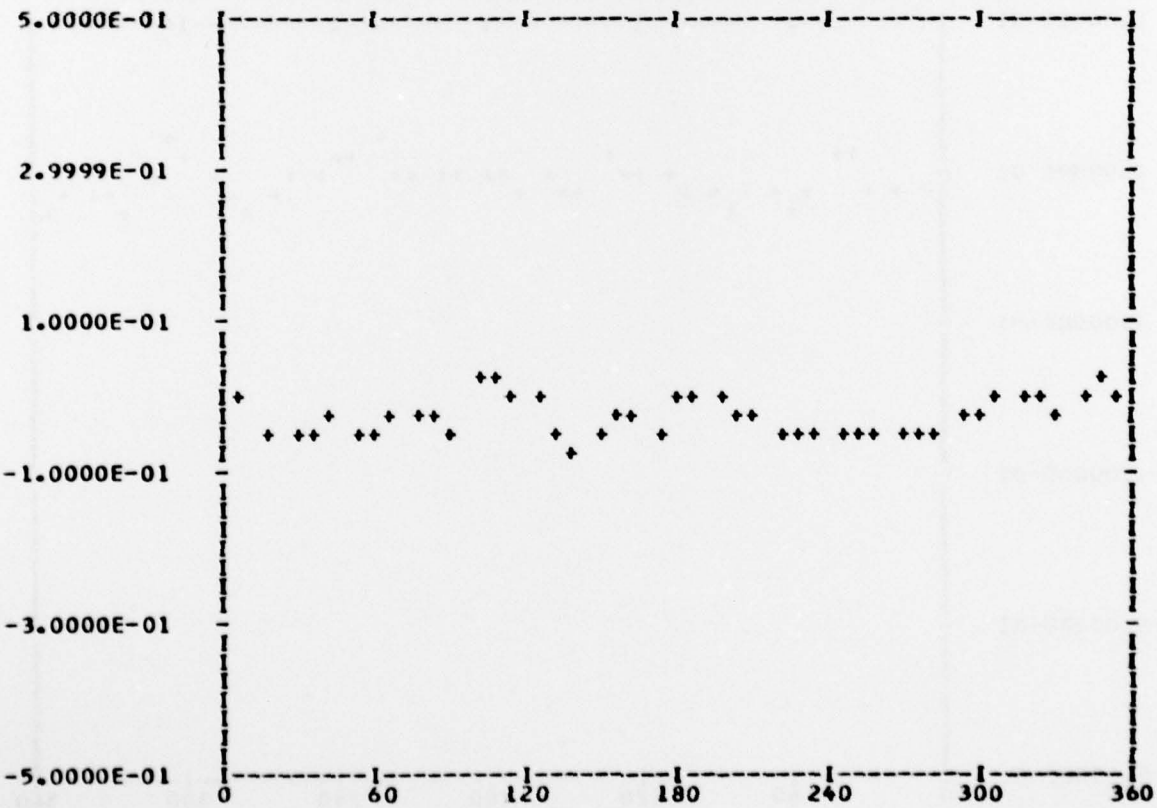
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.26270E-01	1	0.58317E-02	0.12782E-02	0.59701E-02	77.6
	2	0.13390E-02	-0.13357E-01	0.13423E-01	174.2
	3	-0.88582E-02	-0.94172E-02	0.12928E-01	223.2
	4	0.13110E-01	-0.36865E-02	0.13618E-01	105.7
	5	-0.40664E-02	0.47199E-02	0.62301E-02	319.2
	6	-0.22010E-02	-0.80775E-02	0.83721E-02	195.2
	7	-0.14450E-02	-0.66394E-02	0.67948E-02	192.2
	8	0.27517E-02	0.48365E-02	0.55645E-02	29.6
	9	-0.86026E-02	0.12602E-03	0.86035E-02	270.8
	10	0.64831E-03	-0.19368E-02	0.20424E-02	161.4

MAX= 0.20123E-01 MIN=-0.70716E-01 PEAK TO PEAK/2= 0.45420E-01



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

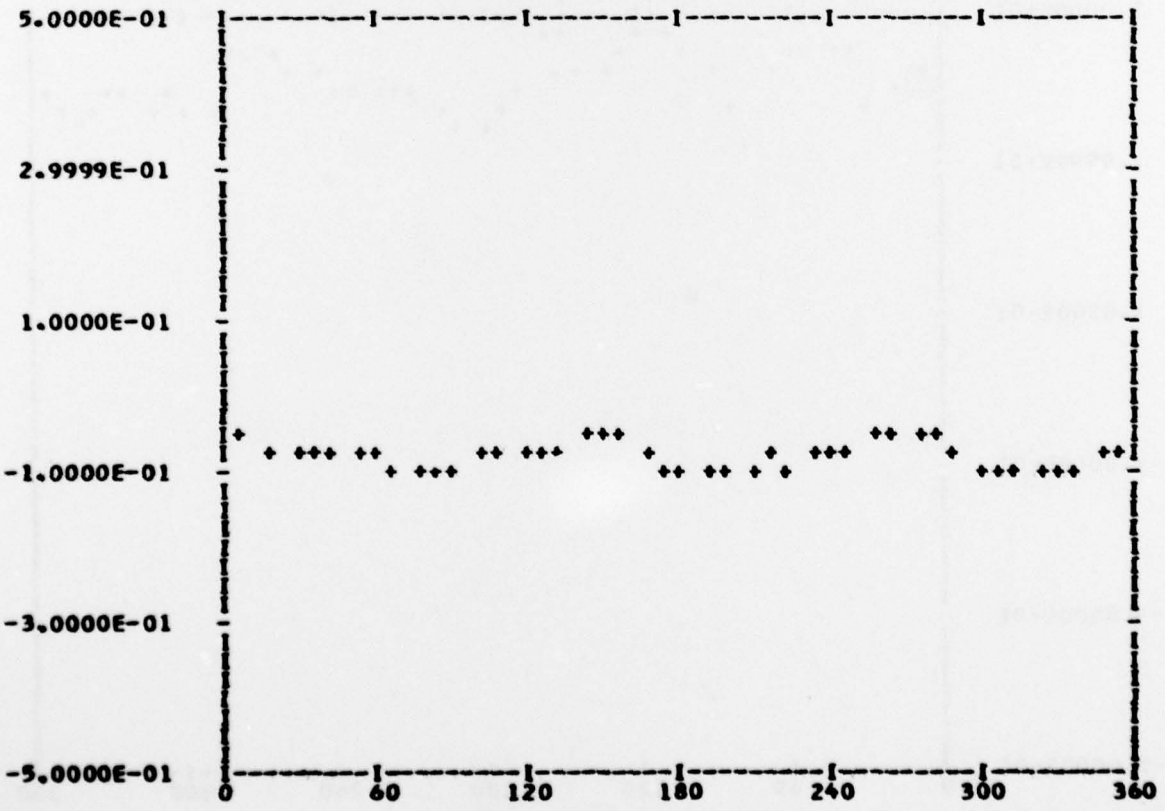
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.80719E-01	1	-0.25203E-02	0.71995E-04	0.25213E-02	271.6
	2	-0.41147E-02	0.21987E-02	0.46653E-02	298.1
	3	0.16294E-01	0.12602E-01	0.20599E-01	52.2
	4	0.12314E-02	-0.13153E-02	0.18018E-02	136.8
	5	0.14640E-02	-0.35616E-02	0.38508E-02	157.6
	6	-0.59659E-02	0.29691E-04	0.59659E-02	270.2
	7	0.73639E-02	-0.59882E-02	0.94914E-02	129.1
	8	0.35606E-02	0.88313E-02	0.95221E-02	21.9
	9	-0.18998E-02	-0.21434E-02	0.28642E-02	221.5
	10	-0.68858E-03	0.18255E-02	0.19511E-02	339.3

MAX=-0.38960E-01 MIN=-0.11231E 00 PEAK TO PEAK/2= 0.36674E-01



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

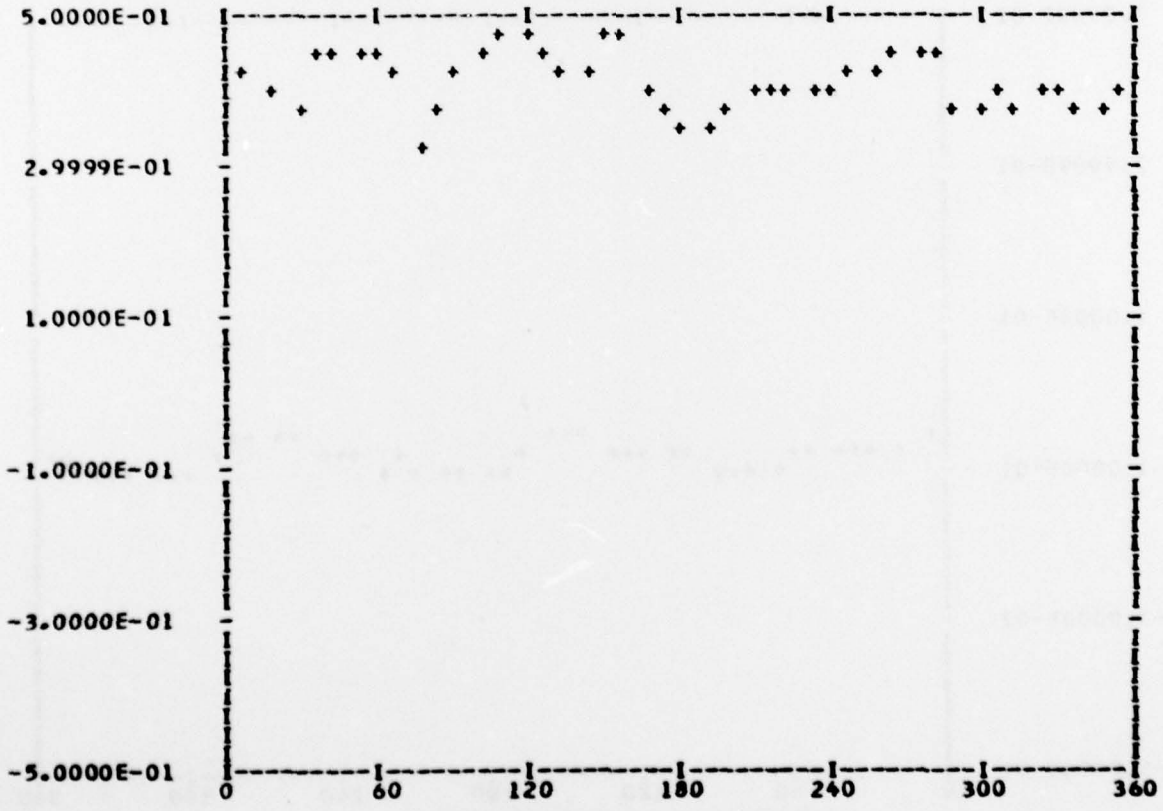
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.41089E 00	1	0.10539E-02	0.15982E-01	0.16017E-01	3.7
	2	-0.12497E-01	0.20703E-02	0.12667E-01	279.4
	3	0.22596E-01	0.12803E-01	0.25971E-01	60.4
	4	-0.61232E-02	0.41058E-02	0.73723E-02	303.8
	5	-0.13169E-01	-0.61219E-02	0.14523E-01	245.0
	6	-0.13118E-01	-0.60539E-02	0.14447E-01	245.2
	7	0.18925E-01	-0.13235E-01	0.23094E-01	124.9
	8	0.81207E-02	0.62418E-02	0.10242E-01	52.4
	9	-0.10390E-02	-0.35545E-02	0.37032E-02	196.2
	10	0.26596E-02	-0.86019E-03	0.27953E-02	107.9

MAX= 0.48201E 00 MIN= 0.32706E 00 PEAK TO PEAK/2= 0.77478E-01



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

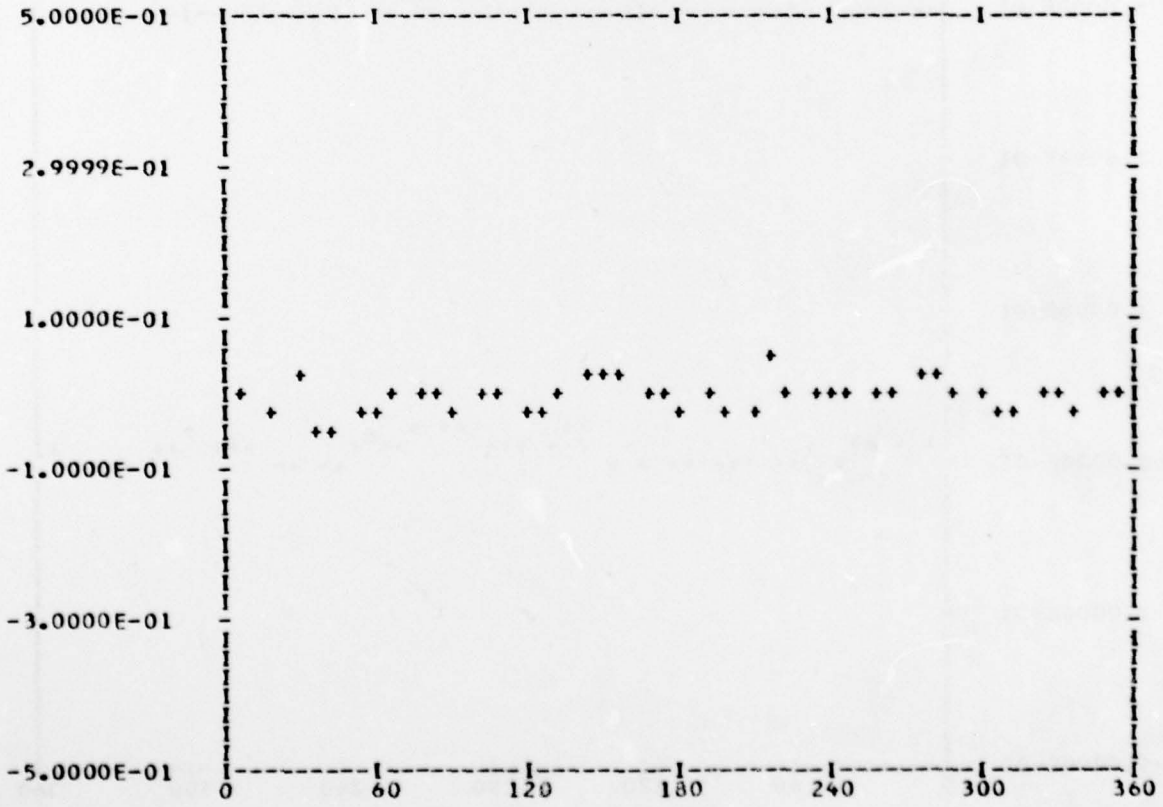
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.44596E-02	1	-0.97387E-02	-0.55344E-02	0.11201E-01	240.3
	2	-0.26855E-02	0.21027E-02	0.34108E-02	308.0
	3	0.31155E-02	0.10430E-02	0.32855E-02	71.4
	4	-0.31998E-02	-0.44591E-02	0.54884E-02	215.6
	5	0.10192E-01	-0.47867E-02	0.11260E-01	115.1
	6	-0.38595E-02	0.70608E-02	0.80468E-02	331.3
	7	0.39899E-02	0.16861E-02	0.43315E-02	67.0
	8	-0.73474E-03	0.19455E-02	0.20796E-02	339.3
	9	-0.17341E-02	0.54721E-02	0.57403E-02	342.4
	10	-0.58488E-02	-0.32190E-02	0.66762E-02	241.1

MAX= 0.59746E-01 MIN=-0.39428E-01 PEAK TO PEAK/2= 0.49587E-01



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

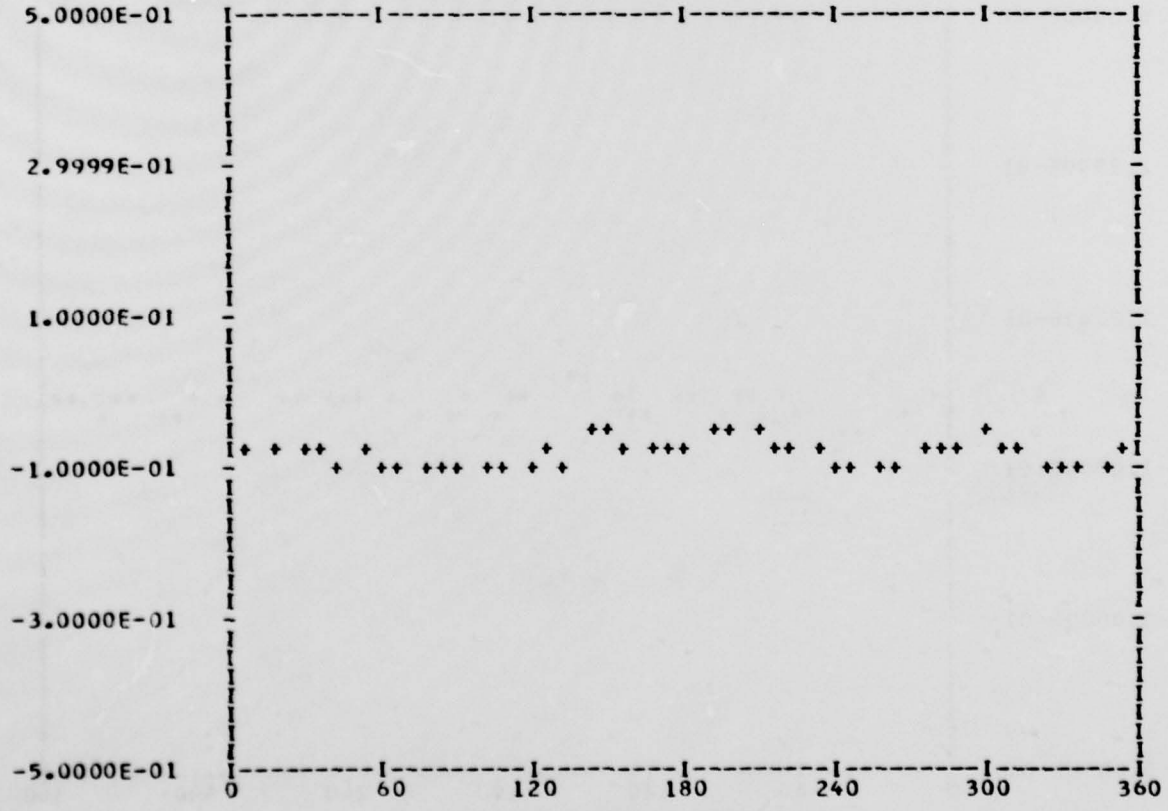
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.82331E-01	1	-0.74984E-02	-0.43852E-02	0.86866E-02	239.6
	2	0.89999E-02	-0.47170E-02	0.10161E-01	117.6
	3	-0.35353E-02	0.87934E-02	0.94774E-02	338.0
	4	0.27114E-02	0.59527E-02	0.65411E-02	24.4
	5	0.49263E-02	-0.39257E-02	0.62991E-02	128.5
	6	0.28552E-03	-0.18490E-02	0.18709E-02	171.2
	7	-0.13225E-02	-0.33570E-02	0.36081E-02	201.5
	8	0.16424E-02	0.26437E-02	0.31123E-02	31.8
	9	-0.24571E-02	0.92848E-03	0.26267E-02	290.6
	10	0.72905E-03	0.92198E-03	0.11754E-02	38.3

MAX=-0.53315E-01 MIN=-0.11084E 00 PEAK TO PEAK/2= 0.28762E-01



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

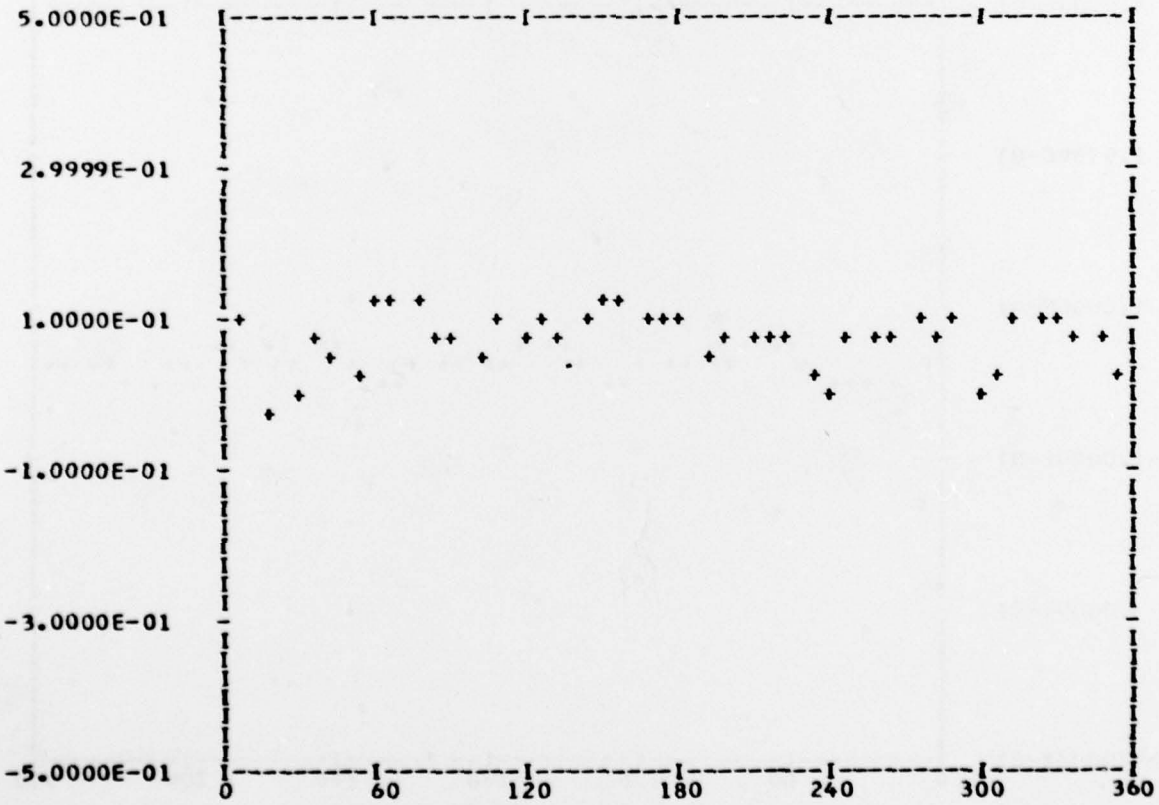
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.76266E-01	1	-0.11369E-01	0.12352E-01	0.16787E-01	317.3
	2	-0.64047E-02	-0.14464E-01	0.15819E-01	203.8
	3	-0.92648E-02	0.33791E-02	0.98618E-02	290.0
	4	0.66385E-04	-0.17405E-01	0.17405E-01	179.7
	5	-0.23663E-02	-0.14605E-01	0.14796E-01	189.2
	6	-0.14455E-02	0.55144E-02	0.57007E-02	345.3
	7	0.15491E-01	0.10283E-01	0.18593E-01	56.4
	8	-0.41918E-04	-0.17297E-02	0.17302E-02	181.3
	9	0.29043E-02	-0.60208E-02	0.66847E-02	154.2
	10	0.75568E-02	-0.15217E-01	0.16990E-01	153.5

MAX= 0.13616E 00 MIN=-0.15951E-01 PEAK TO PEAK/2= 0.76057E-01



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

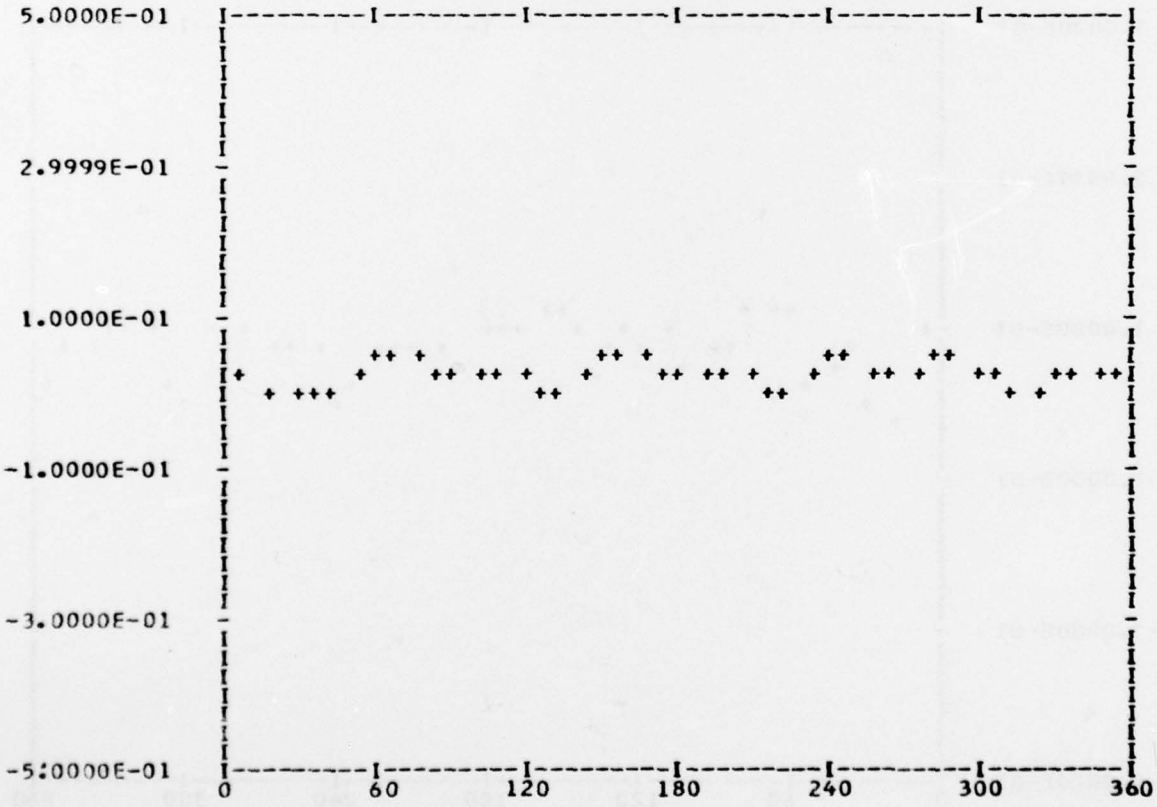
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.26955E-01	1	-0.19552E-02	-0.11173E-02	0.22520E-02	240.2
	2	-0.35707E-02	0.60942E-03	0.36223E-02	279.6
	3	-0.33664E-02	0.28604E-02	0.44176E-02	310.3
	4	0.72540E-04	-0.13212E-01	0.13212E-01	179.6
	5	0.11921E-02	-0.39808E-02	0.41555E-02	163.3
	6	-0.16383E-02	-0.34561E-02	0.38247E-02	205.3
	7	0.17881E-03	-0.18321E-02	0.18408E-02	174.4
	8	0.67399E-02	0.59185E-02	0.89696E-02	48.7
	9	-0.91377E-03	-0.50224E-02	0.51048E-02	190.3
	10	-0.84397E-03	-0.50973E-03	0.98596E-03	238.8

MAX= 0.55803E-01 MIN=-0.24262E-02 PEAK TO PEAK/2= 0.29114E-01



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

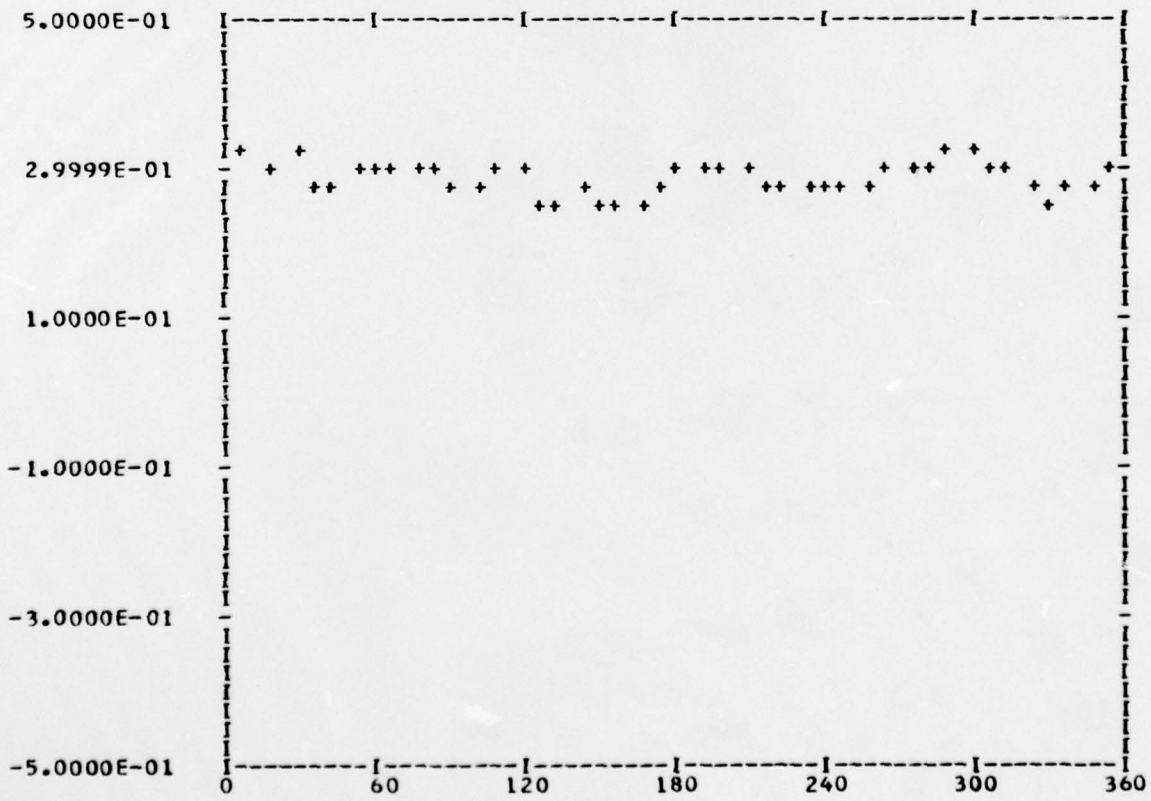
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 14
TP 2
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.28520E 00	1	0.82301E-02	-0.76835E-02	0.11259E-01	133.0
	2	-0.13926E-02	0.56032E-02	0.57736E-02	346.0
	3	-0.53525E-02	0.53121E-02	0.75411E-02	314.7
	4	0.15560E-01	0.42773E-02	0.16137E-01	74.6
	5	0.48285E-02	-0.58831E-02	0.76109E-02	140.6
	6	0.55043E-02	-0.24828E-02	0.60384E-02	114.2
	7	0.28159E-02	-0.19993E-03	0.28230E-02	94.0
	8	0.58085E-03	0.35806E-02	0.36274E-02	9.2
	9	-0.59295E-02	0.38646E-02	0.70777E-02	303.0
	10	-0.16756E-03	0.59641E-03	0.61950E-03	344.3

MAX= 0.32518E 00 MIN= 0.24078E 00 PEAK TO PEAK/2= 0.42199E-01



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