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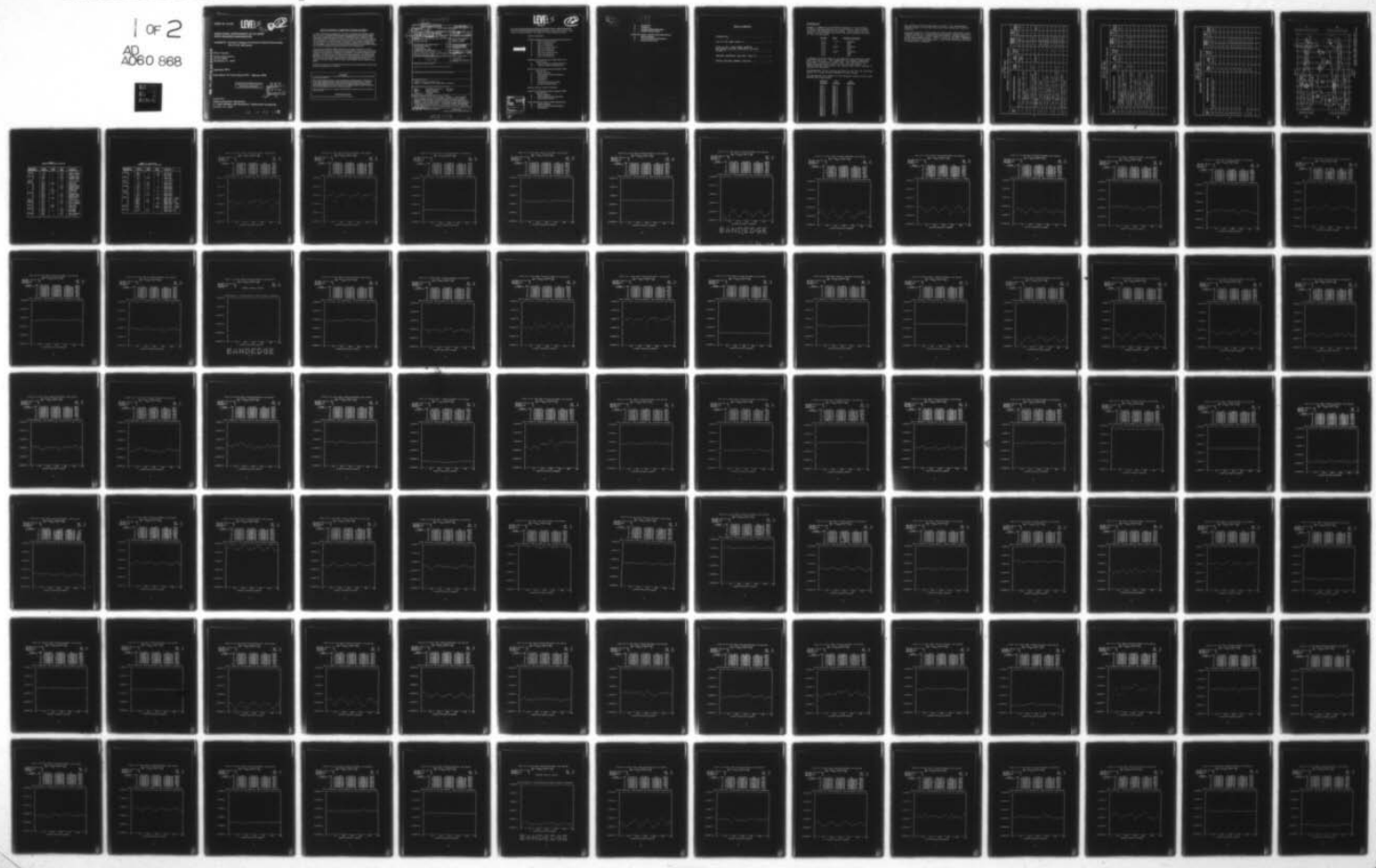

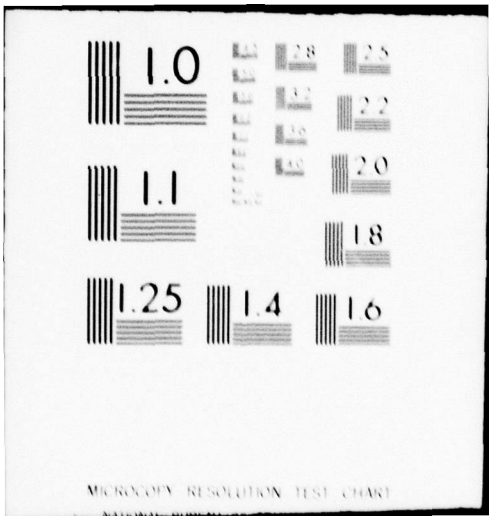
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LEVEL III

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Vol 1

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INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONFIGURATION

F-A061080

VOLUME II-E - Harmonic Analyses of Airframe Surface Pressure Data, Runs 15-22, Mid Section

Philip F. Sheridan

Boeing Vertol Company
P.O. Box 16858
Philadelphia, Pa. 19042

September 1978

Final Report for Period March 1977 - February 1978

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Prepared for

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

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APPLIED TECHNOLOGY LABORATORY POSITION STATEMENT

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

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

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

DISCLAIMERS

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

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

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

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LEVEL II

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PREFACE

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

Volume I, Final Report

Volume II, Harmonic Analyses of Airframe Surface Pressure Data
- A – Runs 7-14, Forward Section
- B – Runs 7-14, Mid Section
- C – Runs 7-14, Aft Section
- D – Runs 15-22, Forward Section
- E – Runs 15-22, Mid Section
- F – Runs 15-22, Aft Section
- G – Runs 23-33, Forward Section
- H – Runs 23-33, Mid Section
- I – Runs 23-33, Aft Section

This volume is

Volume III, Flow Angle and Velocity Wake Profiles in Low-Frequency Band
- A – Basic Investigations and Hubcap Variations
- B – Air Ejector Systems and Other Devices

Volume IV, One-Third Octave Band Spectrograms of Wake Split-Film Data
- A – Buildup to Baseline
- B – Basic Configuration Wake Explorations
- C – Solid Hubcaps
- D – Open Hubcaps
- E – Air Ejectors
- F – Air Ejectors With Hubcaps; Wings
- G – Fairings and Surface Devices

Volume V, Harmonic Analyses of Hub Wake

Volume VI, One-Third Octave Band Spectrograms of Wake Single Film Data
- A – Buildup to Baseline
- B – Basic Configuration Wake Exploration
- C – Hubcaps and Air Ejectors

Volume VII, Frequency Analyses of Wake Split-Film Data
- A – Buildup to Baseline
- B – Basic Configuration Wake Explorations
- C – Solid Hubcaps

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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

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INTRODUCTION

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

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

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

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

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

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

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

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

TABLE 1

LIST OF TEST RUNS

MEASUREMENT OF VIBRATORY SURFACE PRESSURES

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

TABLE 1. CONTINUED

LIST OF TEST RUNS

MEASUREMENT OF VIBRATORY SURFACE PRESSURES

RUN NO.	CONFIGURATION/CONDITION	V_{TUN} KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT.	TAIL ROTOR
					α°	ψ°	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
					$\alpha°$	$\psi°$	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	"	"

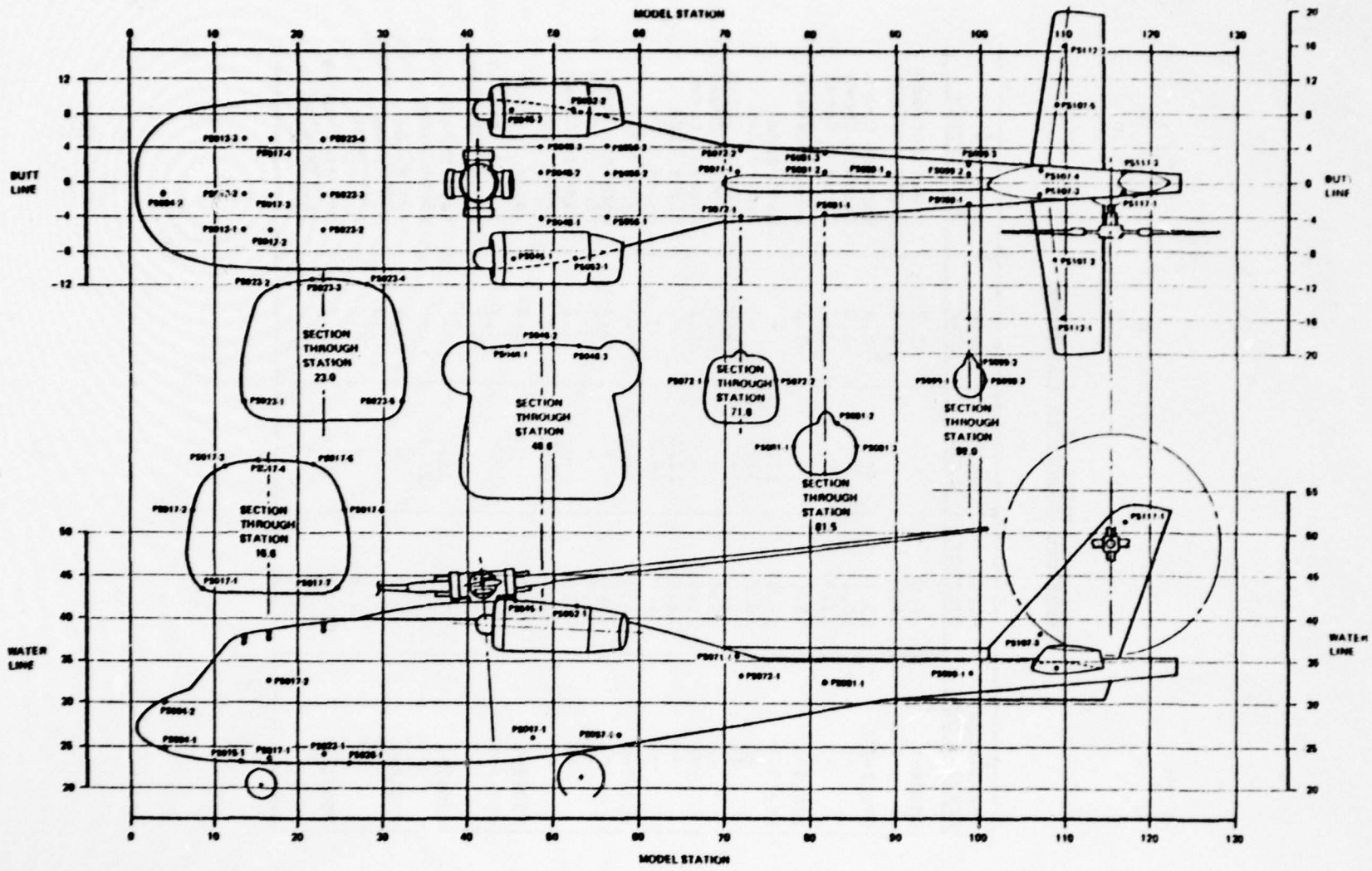

FIGURE 1 -1/4.85 SCALE MODEL GEOMETRY AND SURFACE PRESSURE TRANSDUCER LOCATIONS

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 15
TP 11
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.71887E-01	1	-0.84087E-02	-0.44365E-02	0.95073E-02	242.1
	2	0.21651E-02	0.14625E-03	0.21700E-02	86.1
	3	0.30901E-02	-0.70114E-02	0.76621E-02	156.2
	4	0.76280E-02	-0.28476E-01	0.29480E-01	165.0
	5	-0.17498E-03	0.71145E-02	0.71166E-02	358.5
	6	-0.24087E-03	0.52733E-02	0.52788E-02	357.3
	7	0.41257E-02	-0.17808E-02	0.44936E-02	113.3
	8	0.53397E-01	-0.23892E-01	0.58498E-01	114.1
	9	-0.58425E-02	0.67210E-02	0.89055E-02	318.9
	10	-0.53940E-02	0.50965E-02	0.74209E-02	313.3

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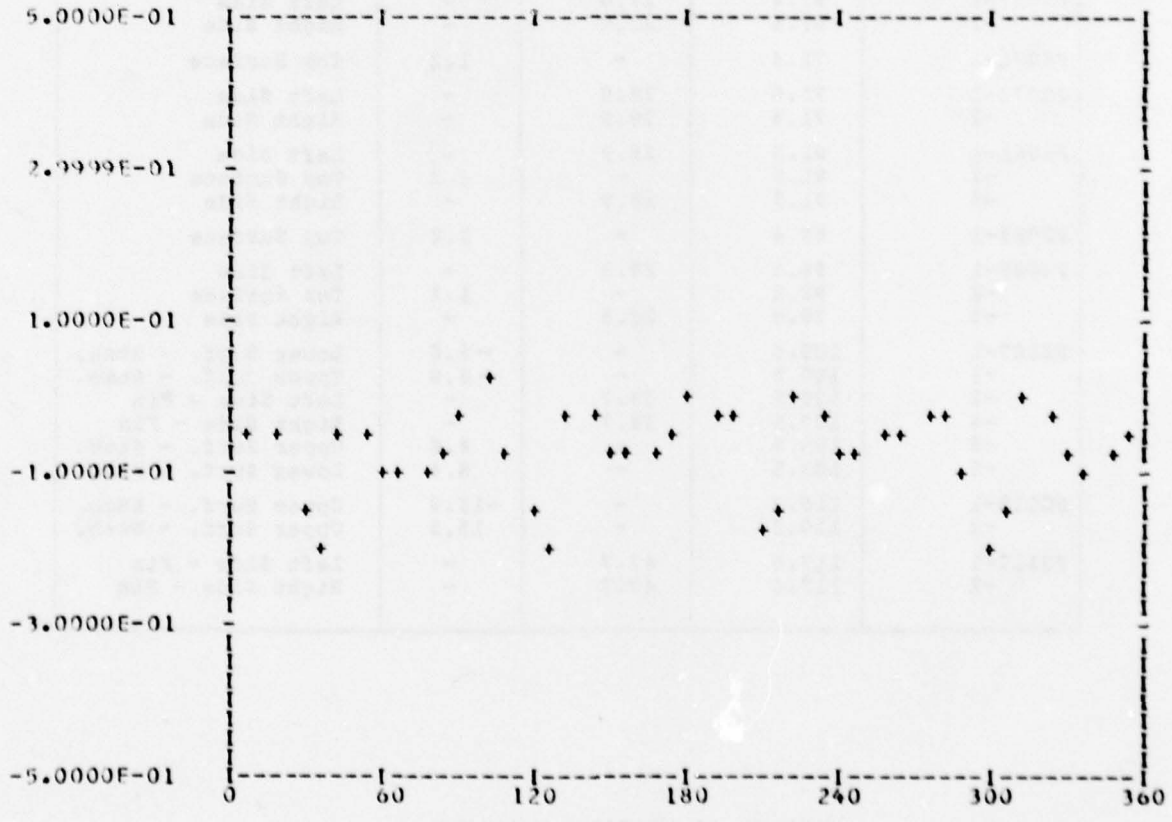

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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

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

RUN 15
TP 11
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.77606E-01	1	0.38134E-02	-0.97608E-02	0.13151E-01	137.9
	2	-0.10020E-01	0.80538E-02	0.12856E-01	308.7
	3	0.49565E-02	-0.81049E-02	0.95003E-02	148.5
	4	-0.21617E-01	0.45830E-01	0.50673E-01	334.7
	5	-0.31738E-02	-0.11867E-01	0.12284E-01	194.9
	6	0.67470E-02	0.68196E-02	0.95932E-02	44.6
	7	-0.52741E-02	-0.53506E-02	0.75130E-02	224.5
	8	0.46859E-01	0.81060E-02	0.47554E-01	80.1
	9	-0.56406E-02	0.15064E-02	0.58383E-02	284.9
	10	0.12285E-02	-0.52405E-02	0.53826E-02	166.8

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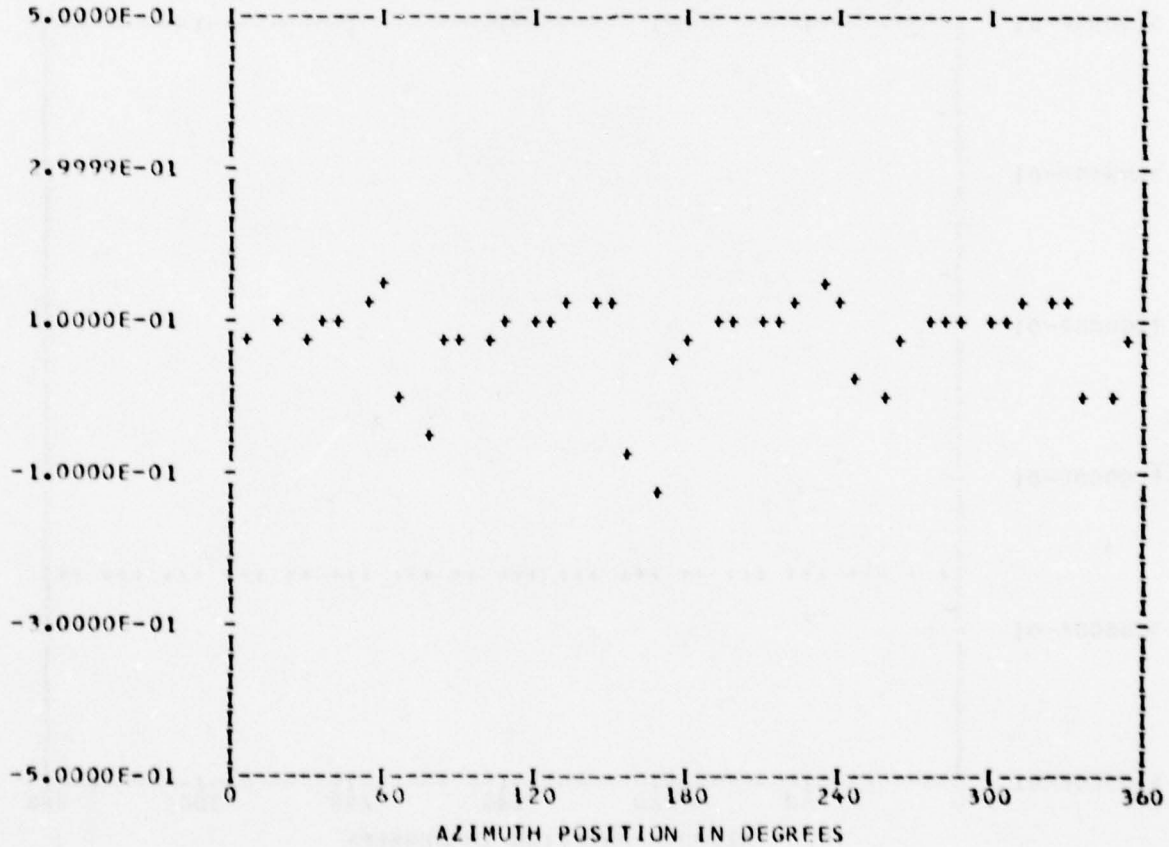

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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

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

RUN 15
TP 11
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22318E 00	1	0.13179E-02	-0.96484E-03	0.16333E-02	126.2
	2	0.14399E-03	0.27953E-02	0.27990E-02	2.9
	3	-0.18549E-03	0.11008E-02	0.11164E-02	350.4
	4	-0.27761E-02	-0.15714E-02	0.31900E-02	240.4
	5	-0.50967E-03	0.93756E-03	0.10671E-02	331.4
	6	-0.11896E-02	-0.21418E-03	0.12087E-02	259.7
	7	-0.11929E-02	0.42339E-03	0.12658E-02	289.5
	8	-0.96500E-04	0.22362E-02	0.22383E-02	357.5
	9	-0.25726E-04	-0.63927E-03	0.63979E-03	182.3
	10	-0.74226E-03	-0.45182E-03	0.86896E-03	238.6

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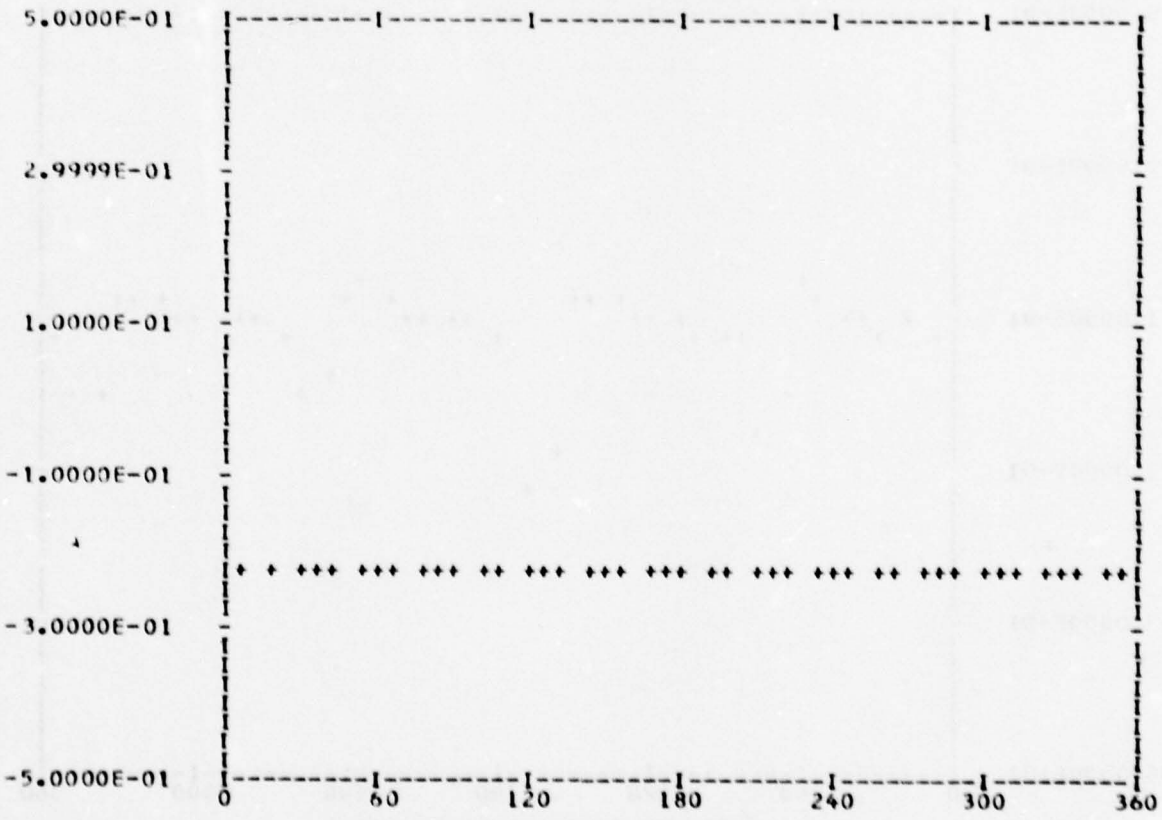


UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

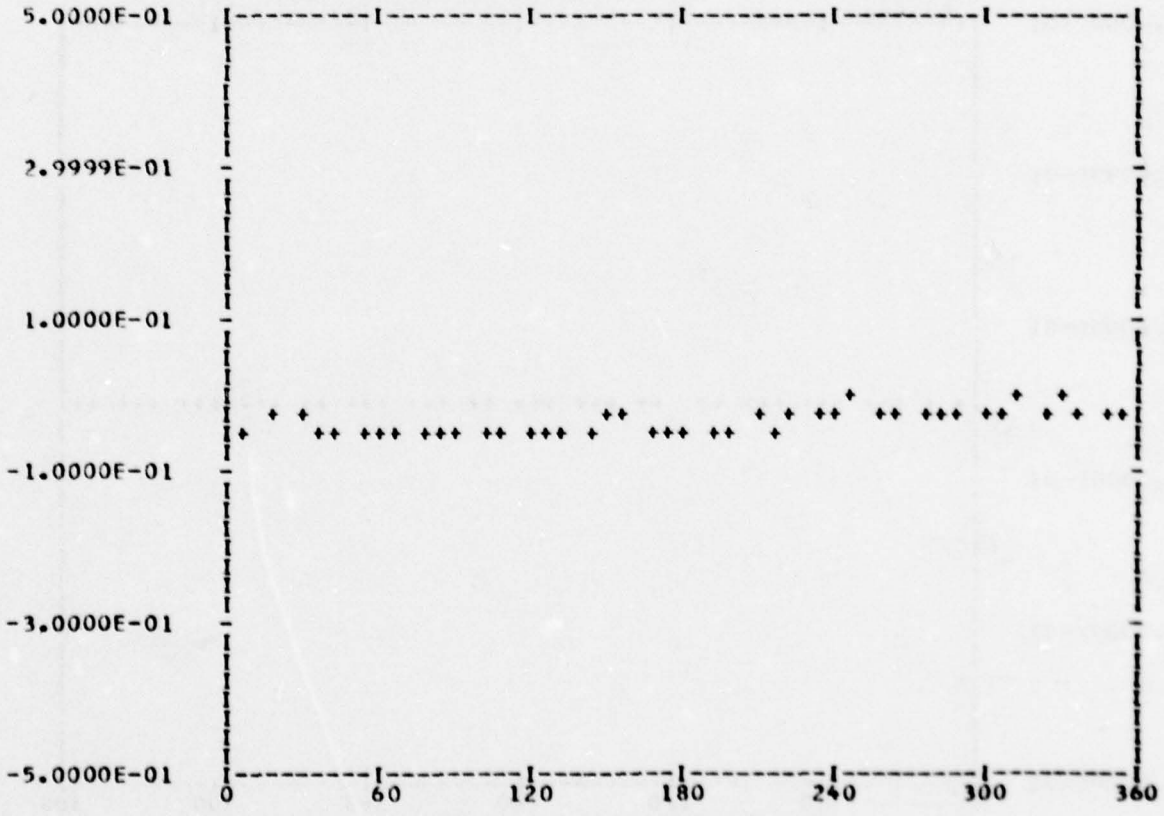
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.32358E-01	1	0.48384E-02	-0.14880E-01	0.15647E-01	161.9
	2	-0.12435E-02	-0.38768E-02	0.40713E-02	197.7
	3	0.21566E-02	-0.73859E-03	0.22796E-02	108.9
	4	-0.31517E-02	-0.32212E-02	0.45066E-02	224.3
	5	0.90015E-04	0.11248E-02	0.11284E-02	4.5
	6	-0.32732E-03	-0.39965E-03	0.51659E-03	219.3
	7	-0.34628E-03	-0.27138E-03	0.43995E-03	231.9
	8	0.11348E-03	0.18830E-02	0.18864E-02	3.4
	9	0.78018E-04	-0.18568E-02	0.18585E-02	177.5
	10	-0.10688E-02	-0.49062E-03	0.11760E-02	245.3

MAX=-0.98744E-02 MIN=-0.52868E-01 PEAK TO PEAK/2= 0.21496E-01



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

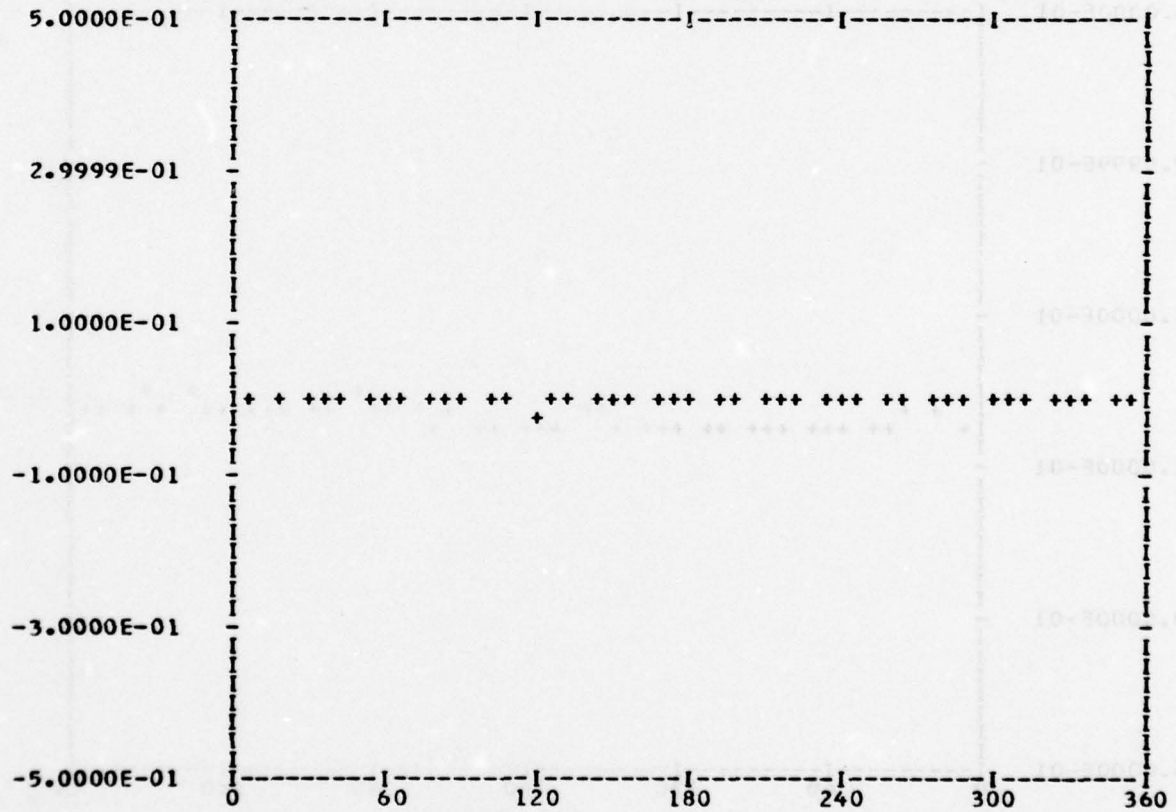
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21871E-02	1	0.38557E-03	-0.10207E-02	0.10911E-02	159.3
	2	0.88212E-03	0.63035E-03	0.10842E-02	54.4
	3	-0.85838E-03	0.74606E-03	0.11372E-02	310.9
	4	-0.31119E-03	-0.99690E-03	0.10443E-02	197.3
	5	0.12043E-02	-0.10504E-03	0.12089E-02	94.9
	6	-0.26112E-03	0.10567E-02	0.10885E-02	346.1
	7	-0.93154E-03	-0.62314E-03	0.11207E-02	236.2
	8	0.87786E-03	-0.74092E-03	0.11487E-02	130.1
	9	0.36301E-03	0.10214E-02	0.10840E-02	19.5
	10	-0.10411E-02	0.59708E-04	0.10428E-02	273.2

MAX=-0.11215E-02 MIN=-0.25924E-01 PEAK TO PEAK/2= 0.12401E-01



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

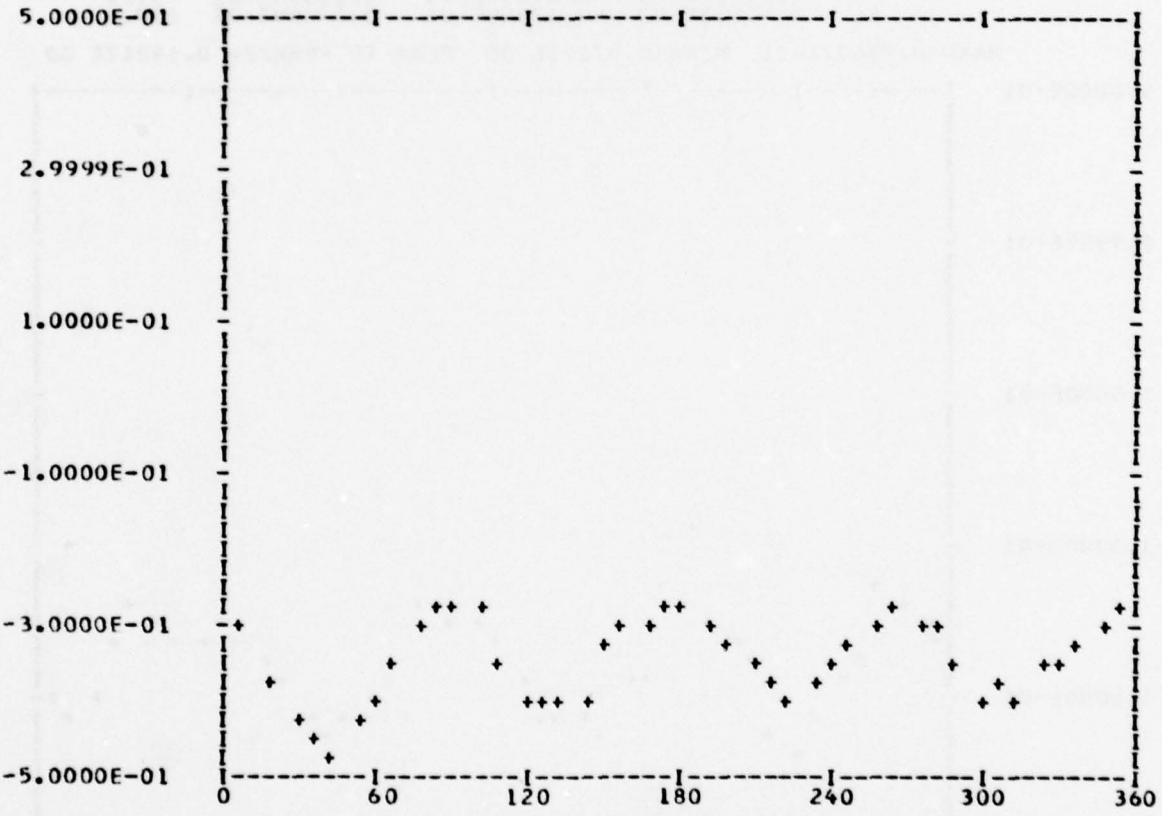
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 1

RUN 15
TP 11
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.34279E 00	1	-0.13460E-01	-0.42554E-02	0.14117E-01	252.4
	2	0.14386E-02	-0.94566E-02	0.95654E-02	171.3
	3	-0.40722E-02	-0.14266E-01	0.14835E-01	195.9
	4	0.37703E-01	-0.55763E-01	0.67313E-01	145.9
	5	0.68687E-02	0.24388E-02	0.72888E-02	70.4
	6	0.19539E-02	0.66553E-02	0.69362E-02	16.3
	7	0.41617E-02	-0.35662E-02	0.54806E-02	130.5
	8	0.29291E-02	-0.19593E-02	0.35240E-02	123.7
	9	0.32669E-03	-0.21207E-02	0.21457E-02	171.2
	10	0.21627E-02	-0.10620E-02	0.24094E-02	116.1

MAX=-0.26722E 00 MIN=-0.44630E 00 PEAK TO PEAK/2= 0.89541E-01

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


78 11 01 119

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

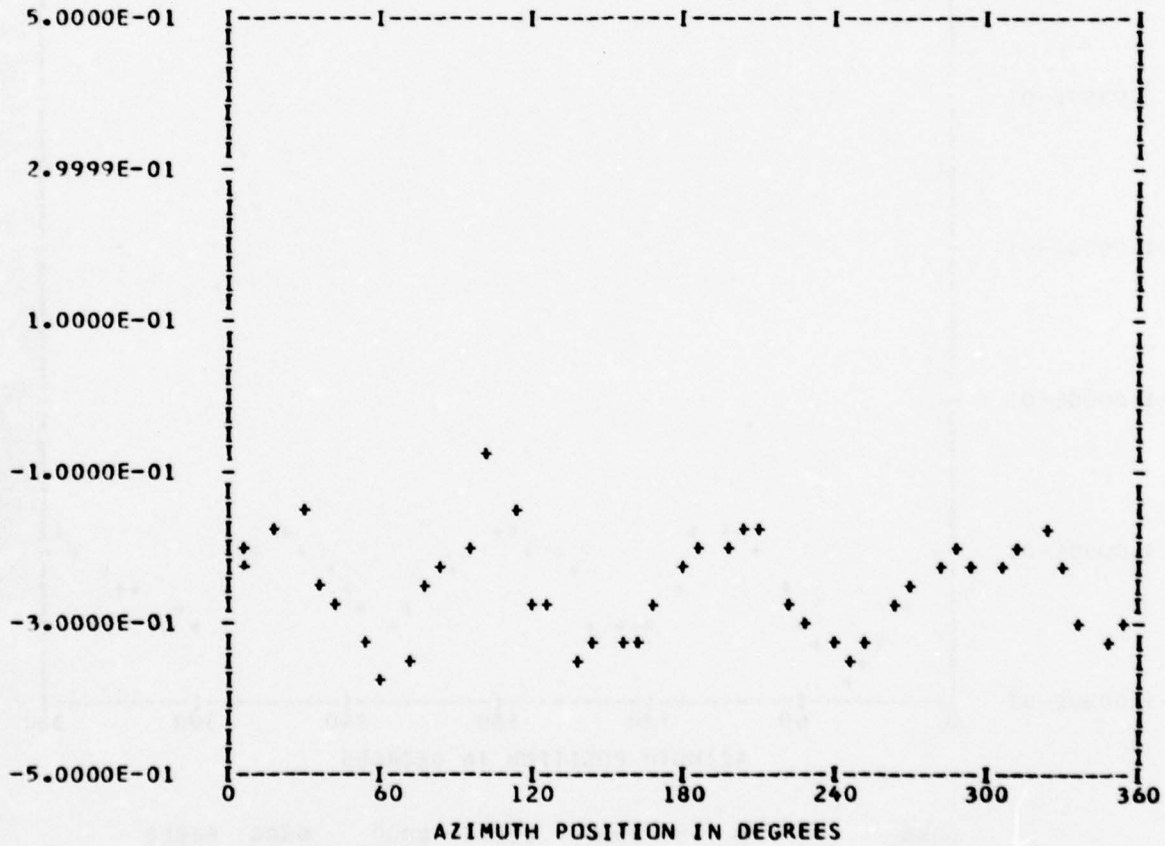
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25337E 00	1	0.11861E-01	-0.32964E-02	0.12310E-01	105.5
	2	0.33572E-02	-0.10106E-01	0.10649E-01	161.6
	3	-0.12213E-01	-0.23933E-01	0.26870E-01	207.0
	4	0.41681E-01	0.60626E-01	0.73572E-01	34.5
	5	-0.16676E-01	0.26472E-01	0.31287E-01	327.7
	6	-0.18855E-01	0.13752E-01	0.23337E-01	306.1
	7	0.74159E-02	0.60540E-02	0.95733E-02	50.7
	8	0.63257E-02	0.63164E-02	0.89393E-02	45.0
	9	0.80222E-03	0.64815E-03	0.10313E-02	51.0
	10	0.45533E-02	-0.12399E-01	0.13209E-01	159.8

MAX=-0.87427E-01 MIN=-0.37177E 00 PEAK TO PEAK/2= 0.14217E 00



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

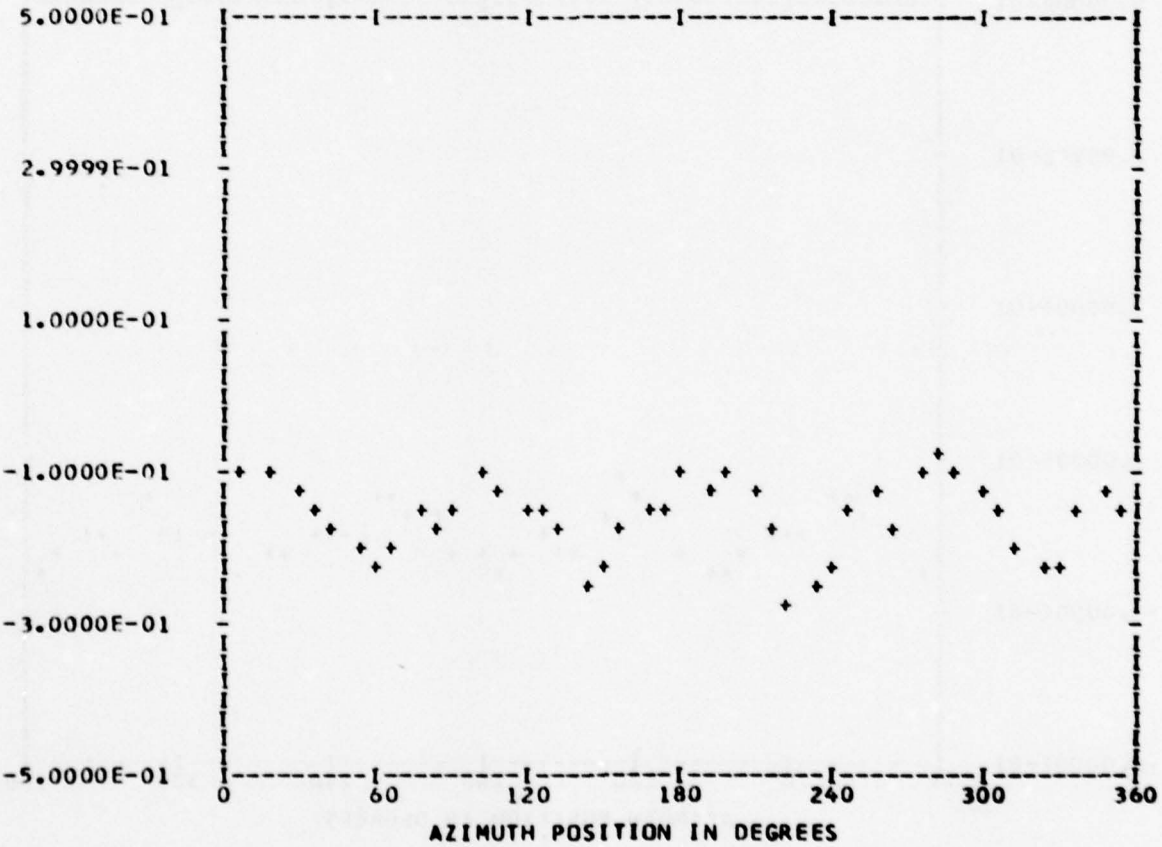
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15795E 00	1	0.10333E-01	-0.14808E-02	0.10439E-01	98.1
	2	0.30265E-02	-0.33773E-02	0.45350E-02	138.1
	3	0.18126E-02	0.81528E-02	0.83519E-02	12.5
	4	0.56736E-01	0.91643E-02	0.57471E-01	80.8
	5	-0.10080E-01	-0.24016E-02	0.10362E-01	256.5
	6	0.40001E-03	0.20734E-02	0.21117E-02	10.9
	7	-0.29915E-02	-0.57514E-02	0.64829E-02	207.4
	8	-0.13424E-01	0.98422E-02	0.16646E-01	306.2
	9	0.77032E-02	-0.15835E-02	0.78642E-02	101.6
	10	-0.42803E-02	0.12135E-03	0.42820E-02	271.6

MAX=-0.85862E-01 MIN=-0.26827E 00 PEAK TO PEAK/2= 0.91203E-01



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

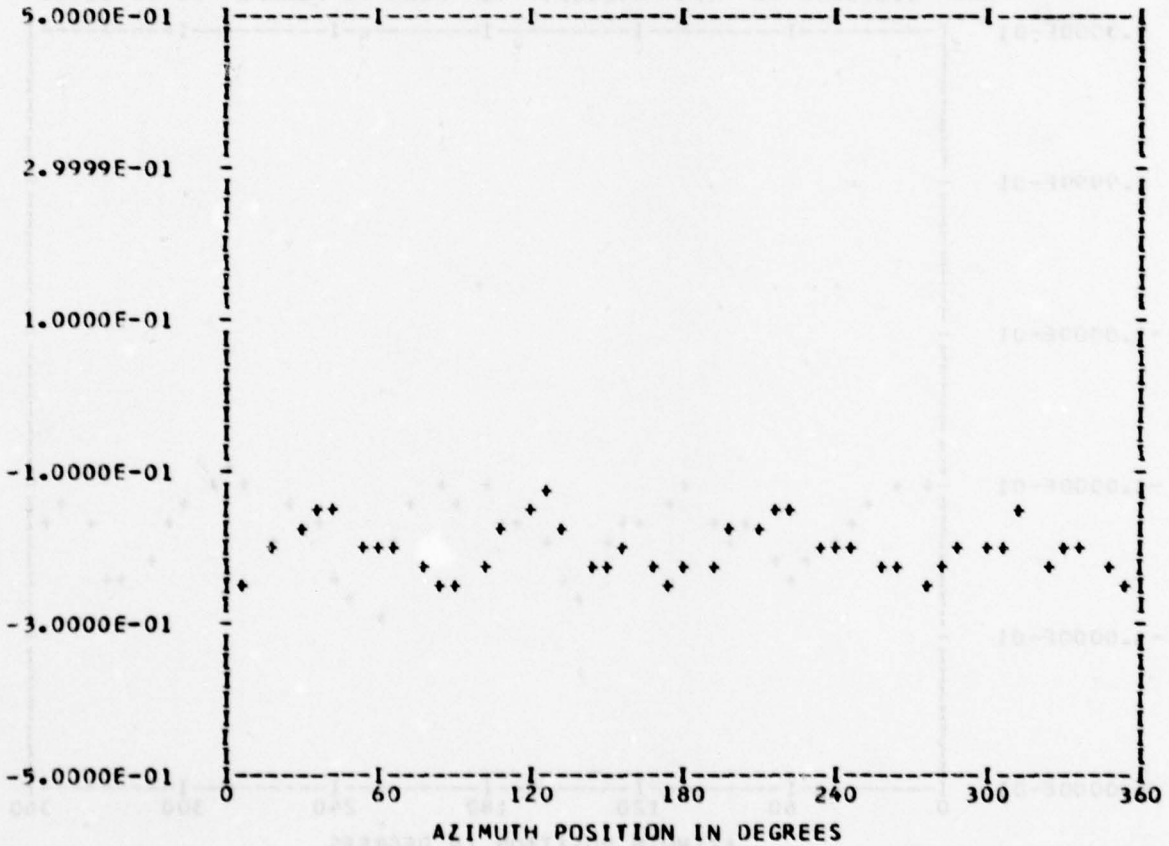
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20321E 00	1	-0.41255E-02	0.27680E-02	0.49680E-02	303.8
	2	-0.79609E-03	0.50369E-02	0.50995E-02	351.0
	3	0.10439E-02	-0.30709E-02	0.32434E-02	161.2
	4	-0.25670E-01	0.25337E-01	0.36069E-01	314.6
	5	-0.81426E-02	-0.39578E-02	0.90535E-02	244.0
	6	0.28828E-02	-0.31644E-02	0.42806E-02	137.6
	7	0.32769E-03	0.37077E-02	0.37221E-02	5.0
	8	-0.12478E-01	-0.45213E-02	0.13272E-01	250.0
	9	0.1[illegible]74E-02	-0.4[illegible]	[illegible]	[illegible]
	10	-0.70999E-03	0.39946E-03	0.81416E-03	299.3

MAX=-0.12403E 00 MIN=-0.24534E 00 PEAK TO PEAK/2= 0.60658E-01



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

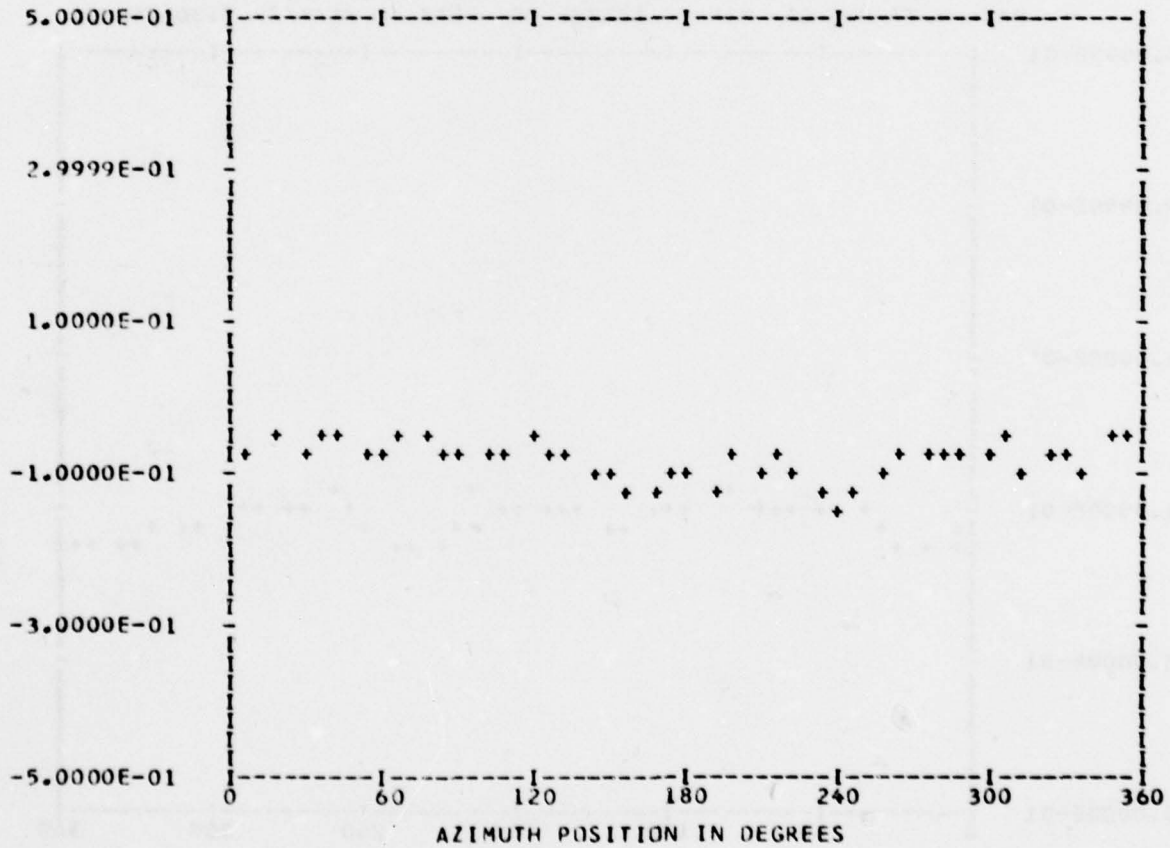
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.82218E-01	1	0.23897E-01	0.90059E-02	0.25537E-01	69.3
	2	-0.47150E-02	-0.30157E-02	0.55969E-02	237.3
	3	-0.23712E-02	0.33268E-03	0.23944E-02	277.9
	4	0.88786E-02	0.93088E-02	0.12864E-01	43.6
	5	-0.86564E-03	-0.11754E-01	0.11786E-01	184.2
	6	-0.44276E-03	0.13931E-02	0.14618E-02	342.3
	7	0.20049E-02	-0.13959E-02	0.24430E-02	124.8
	8	-0.63645E-02	-0.37942E-02	0.74097E-02	239.1
	9	-0.24221E-02	0.34420E-02	0.42088E-02	324.8
	10	0.20212E-02	-0.15303E-02	0.25352E-02	127.1

MAX=-0.45167E-01 MIN=-0.14944E 00 PEAK TO PEAK/2= 0.52138E-01



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

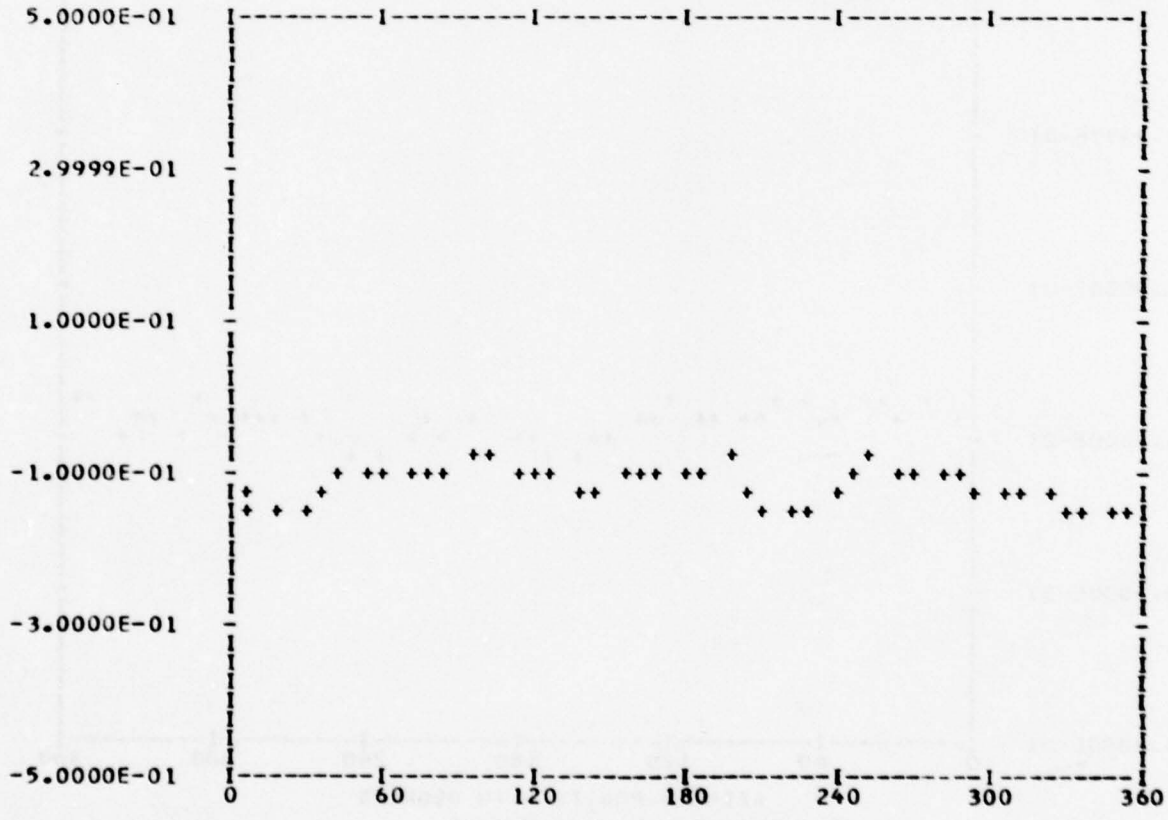
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11439E 00	1	-0.10489E-01	0.77442E-02	0.13038E-01	306.4
	2	-0.18899E-01	-0.30865E-03	0.18901E-01	269.0
	3	-0.54200E-02	0.62174E-02	0.82482E-02	318.9
	4	0.11951E-01	-0.42365E-02	0.12679E-01	109.5
	5	-0.71699E-02	-0.26085E-02	0.76297E-02	250.0
	6	0.11856E-02	-0.32578E-04	0.11861E-02	91.5
	7	0.15977E-02	-0.30481E-02	0.34415E-02	152.3
	8	-0.71478E-03	0.11229E-02	0.13310E-02	327.5
	9	0.52070E-02	-0.25063E-03	0.52130E-02	92.7
	10	-0.86609E-03	0.23969E-02	0.25486E-02	340.1

MAX=-0.77984E-01 MIN=-0.15133E 00 PEAK TO PEAK/2= 0.36674E-01



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

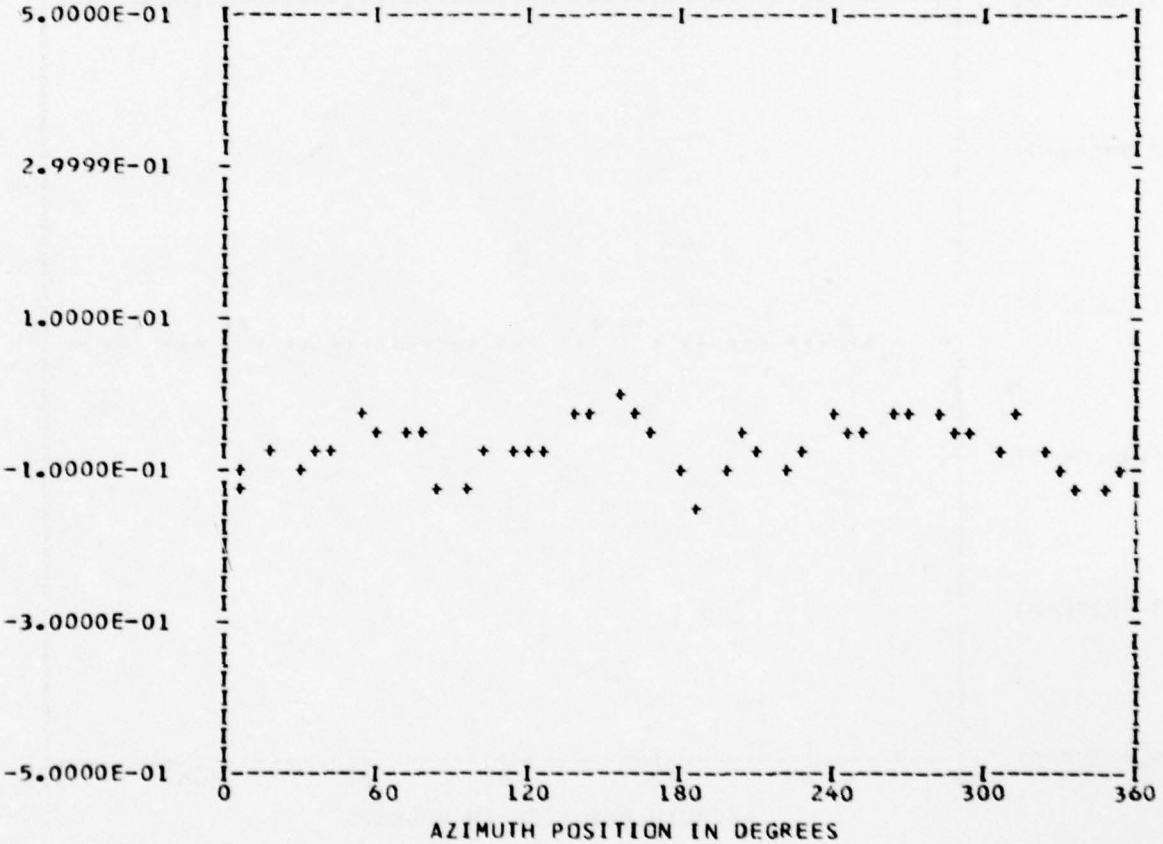
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.70977E-01	1	-0.12229E-01	-0.[illegible]E-02	0.[illegible]E-01	[illegible].8
	2	-0.15665E-01	0.[illegible]E-02	0.[illegible]E-01	[illegible].0
	3	-0.12211E-02	0.29152E-01	0.29178E-01	357.6
	4	-0.16666E-01	-0.75802E-02	0.18309E-01	245.5
	5	0.71720E-02	-0.21277E-02	0.74809E-02	106.5
	6	0.71513E-03	0.43636E-02	0.44218E-02	9.3
	7	0.11903E-01	0.69287E-03	0.11923E-01	86.6
	8	-0.29894E-02	0.57750E-02	0.65029E-02	332.6
	9	0.18846E-02	-0.64588E-02	0.67281E-02	163.7
	10	-0.84194E-02	-0.12270E-02	0.85084E-02	261.7

MAX=-0.12128E-01 MIN=-0.13871E 00 PEAK TO PEAK/2= 0.63293E-01



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

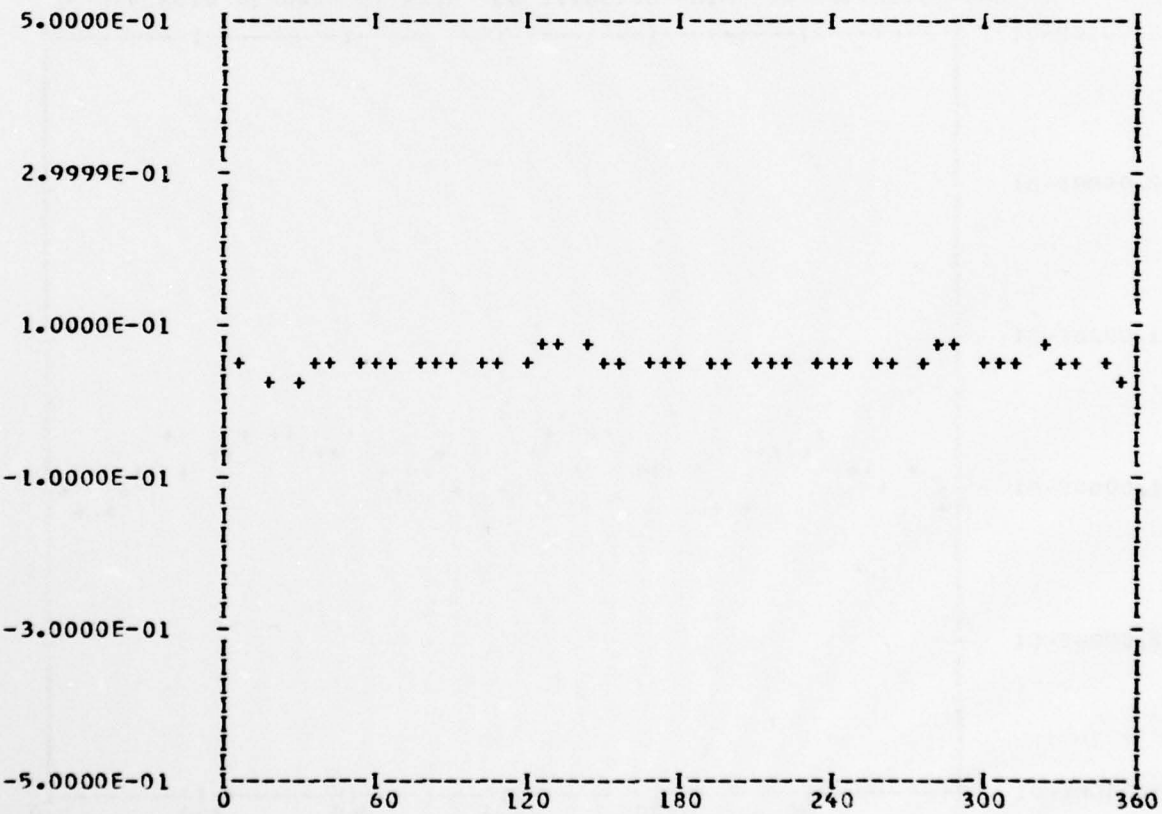
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.50342E-01	1	-0.53027E-02	0.30410E-04	0.53028E-02	270.3
	2	-0.87111E-02	-0.57441E-02	0.10434E-01	236.5
	3	0.24487E-02	0.22363E-02	0.33163E-02	47.5
	4	-0.34993E-02	0.21270E-02	0.40950E-02	301.2
	5	0.43882E-03	-0.15848E-03	0.46657E-03	109.8
	6	0.72971E-03	-0.69563E-03	0.10081E-02	133.6
	7	-0.87291E-03	0.15414E-02	0.17714E-02	330.4
	8	0.38786E-02	-0.60214E-03	0.39251E-02	98.8
	9	0.26011E-02	-0.74843E-04	0.26021E-02	91.6
	10	-0.16298E-02	0.28764E-03	0.16550E-02	280.0

MAX= 0.81274E-01 MIN= 0.33096E-01 PEAK TO PEAK/2= 0.24088E-01



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

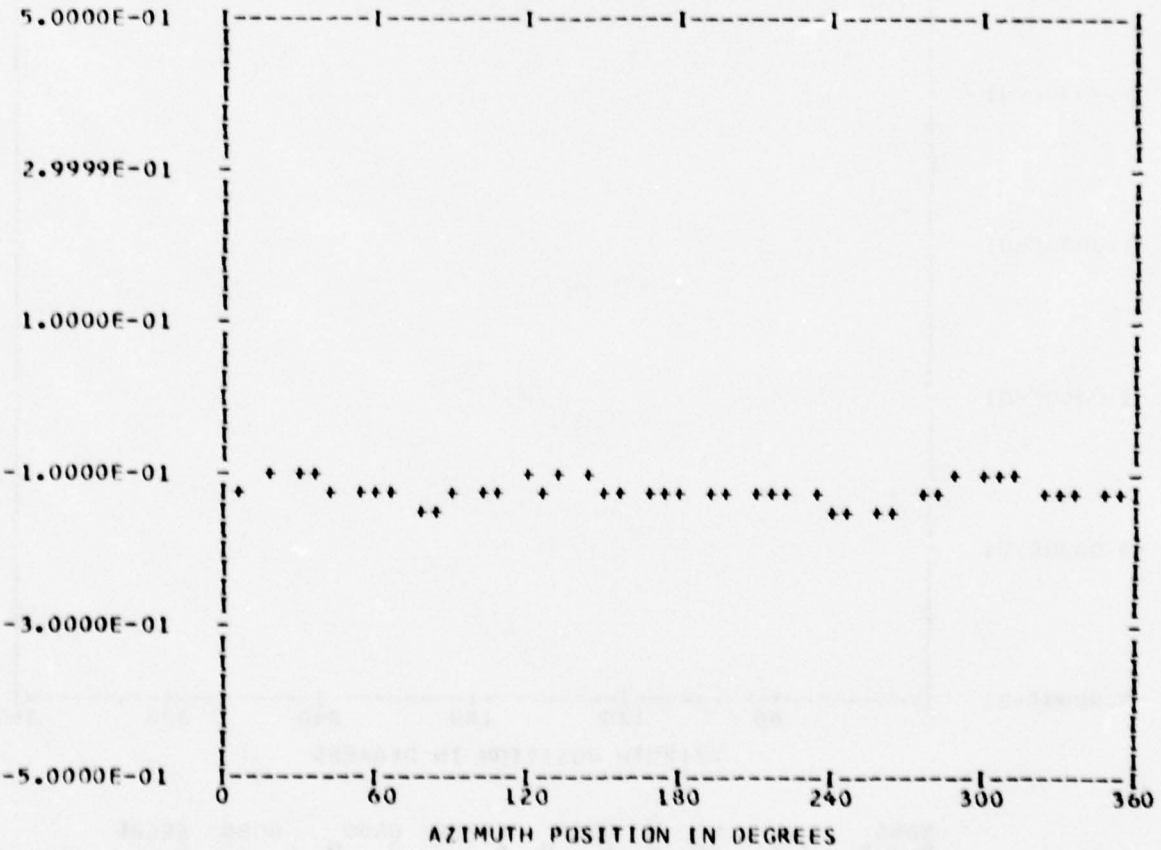
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12086E 00	1	0.29145E-02	0.10304E-02	0.30913E-02	70.5
	2	0.45880E-02	-0.72710E-02	0.85975E-02	147.7
	3	-0.11038E-02	0.56800E-02	0.57862E-02	349.0
	4	-0.30414E-02	0.12719E-01	0.13077E-01	346.5
	5	0.26249E-02	-0.16333E-02	0.30916E-02	121.8
	6	0.13632E-02	-0.96585E-03	0.16707E-02	125.3
	7	-0.99010E-04	-0.41334E-03	0.42503E-03	193.4
	8	-0.62750E-03	0.14656E-02	0.15943E-02	336.8
	9	-0.39856E-03	0.21698E-02	0.22061E-02	349.5
	10	-0.13724E-02	-0.84272E-04	0.13750E-02	266.4

MAX=-0.93699E-01 MIN=-0.14616E 00 PEAK TO PEAK/2= 0.26230E-01



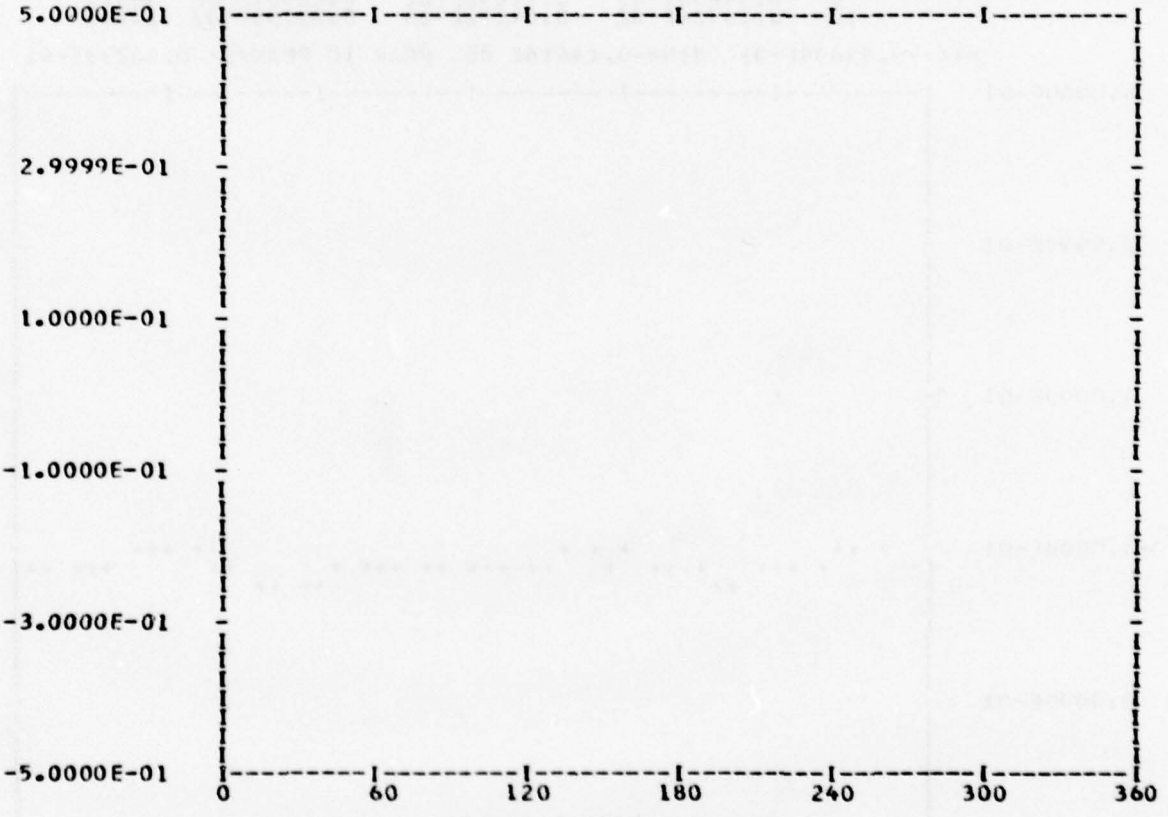
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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

*** DATA ANALYSIS ***		RUN	15
ENTERED	43	TP	11
OUT OF RANGE	43	CHAN	46
RANDEDGE	39		

HARMONIC ANALYSIS SKIPPED

MAX=-0.55124E 00 MIN=-0.60294E 00 PEAK TO PEAK/2= 0.25846E-01



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

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

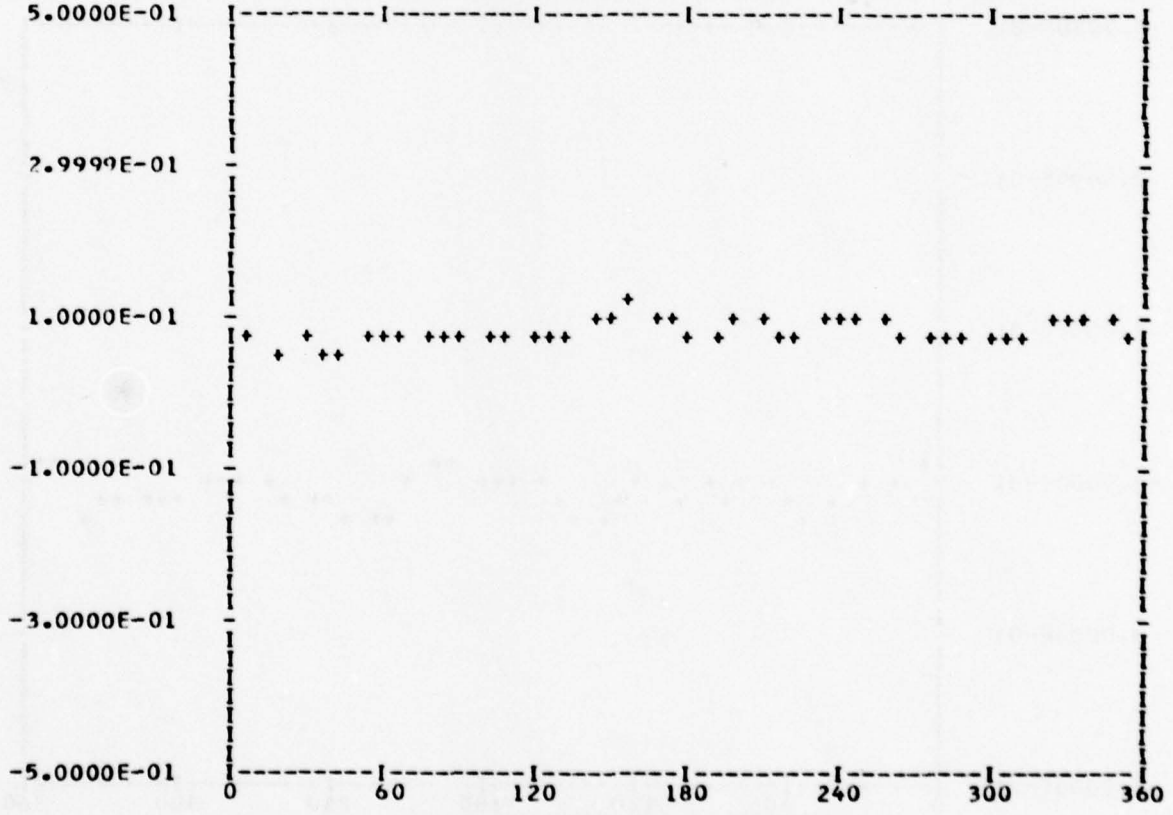
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.81671E-01	1	-0.87616E-02	-0.43507E-02	0.97824E-02	243.5
	2	0.71904E-03	-0.44290E-02	0.44870E-02	170.7
	3	-0.27823E-02	-0.11457E-02	0.30090E-02	247.6
	4	-0.56434E-02	-0.11731E-01	0.13018E-01	205.6
	5	0.57619E-03	0.61146E-03	0.84017E-03	43.2
	6	-0.22889E-02	-0.19554E-02	0.30104E-02	229.4
	7	0.14611E-03	-0.22839E-02	0.22885E-02	176.3
	8	-0.20550E-02	0.70017E-02	0.72971E-02	343.6
	9	0.58311E-03	0.72237E-04	0.58757E-03	82.9
	10	-0.40127E-02	0.75618E-04	0.40134E-02	271.0

MAX= 0.11298E 00 MIN= 0.49770E-01 PEAK TO PEAK/2= 0.31606E-01



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

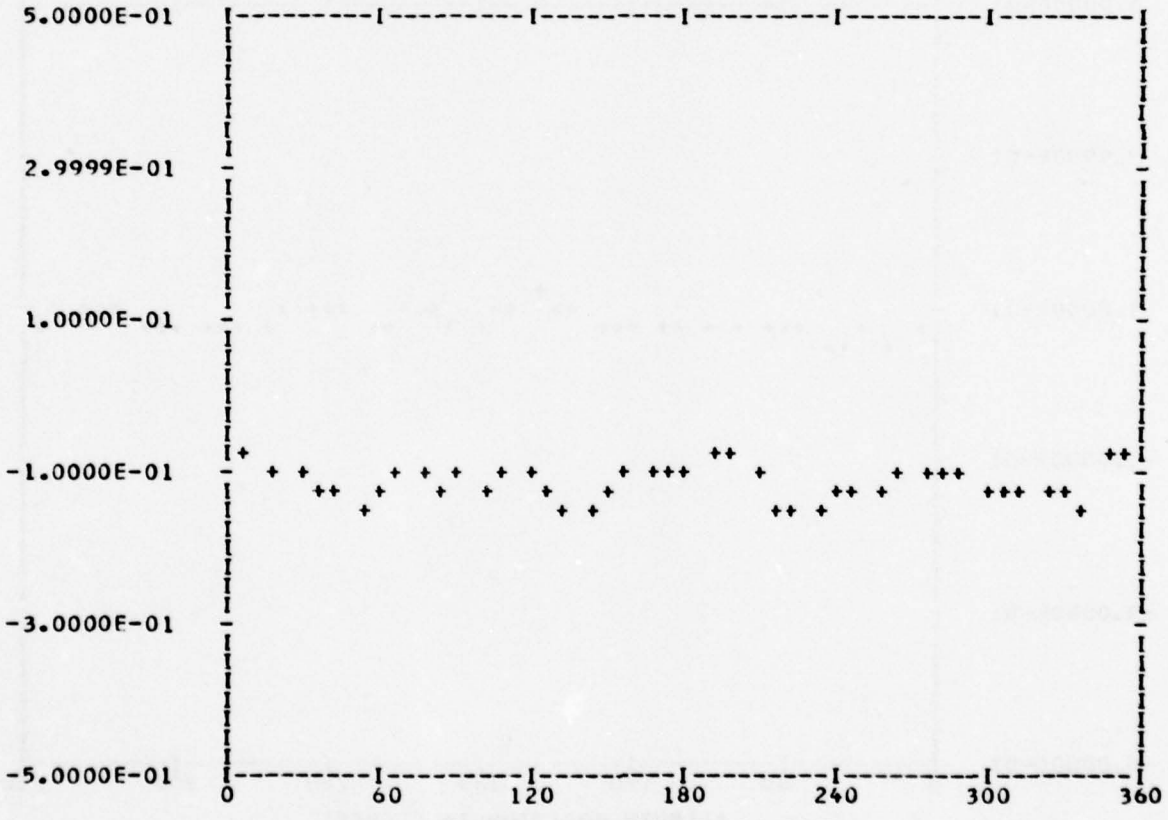
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 15
TP 11
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11492E 00	1	0.29218E-02	0.21836E-02	0.36476E-02	53.2
	2	0.82416E-02	-0.41465E-02	0.92259E-02	116.7
	3	0.49599E-03	0.45182E-02	0.45453E-02	6.2
	4	0.23609E-01	-0.57756E-02	0.24305E-01	103.7
	5	-0.87567E-03	0.51453E-03	0.10156E-02	300.4
	6	0.36603E-02	-0.16876E-02	0.40306E-02	114.7
	7	0.99101E-03	-0.18731E-02	0.21191E-02	152.1
	8	-0.52686E-02	0.63254E-02	0.82322E-02	320.2
	9	-0.30312E-04	-0.92355E-02	0.92355E-02	180.1
	10	0.50168E-03	0.16567E-02	0.17310E-02	16.8

MAX=-0.77254E-01 MIN=-0.16147E 00 PEAK TO PEAK/2= 0.42108E-01



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

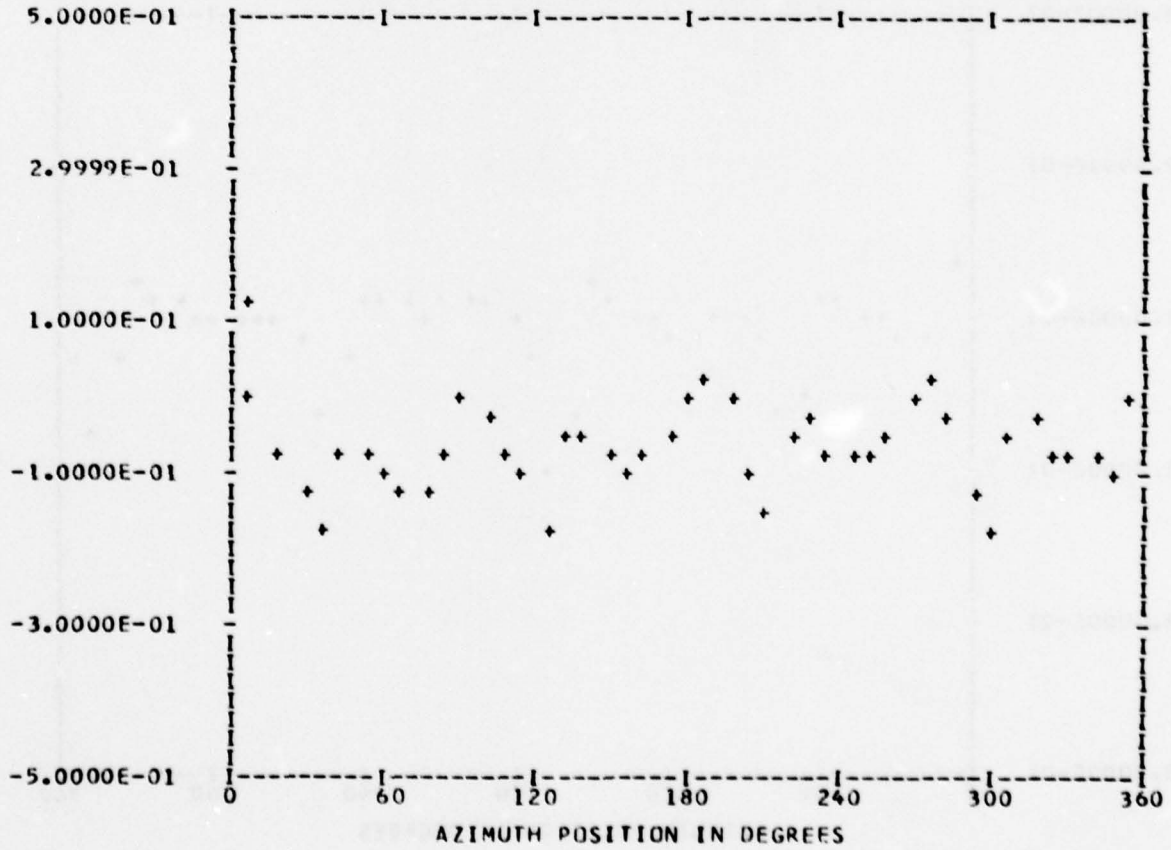
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.63882E-01	1	-0.54558E-02	-0.12300E-01	0.13456E-01	203.9
	2	0.10355E-01	-0.37767E-02	0.11022E-01	110.0
	3	0.10691E-01	-0.12542E-02	0.10765E-01	96.6
	4	0.31681E-01	-0.22264E-01	0.38721E-01	125.0
	5	0.28604E-02	0.36522E-02	0.46391E-02	38.0
	6	0.10588E-01	0.33128E-02	0.11094E-01	72.6
	7	0.11871E-01	-0.16041E-02	0.11979E-01	97.6
	8	0.46011E-01	-0.31175E-01	0.55578E-01	124.1
	9	0.21021E-02	0.58193E-02	0.61873E-02	19.8
	10	0.57564E-02	0.77754E-02	0.96744E-02	36.5

MAX= 0.12425E 00 MIN=-0.17511E 00 PEAK TO PEAK/2= 0.14968E 00



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

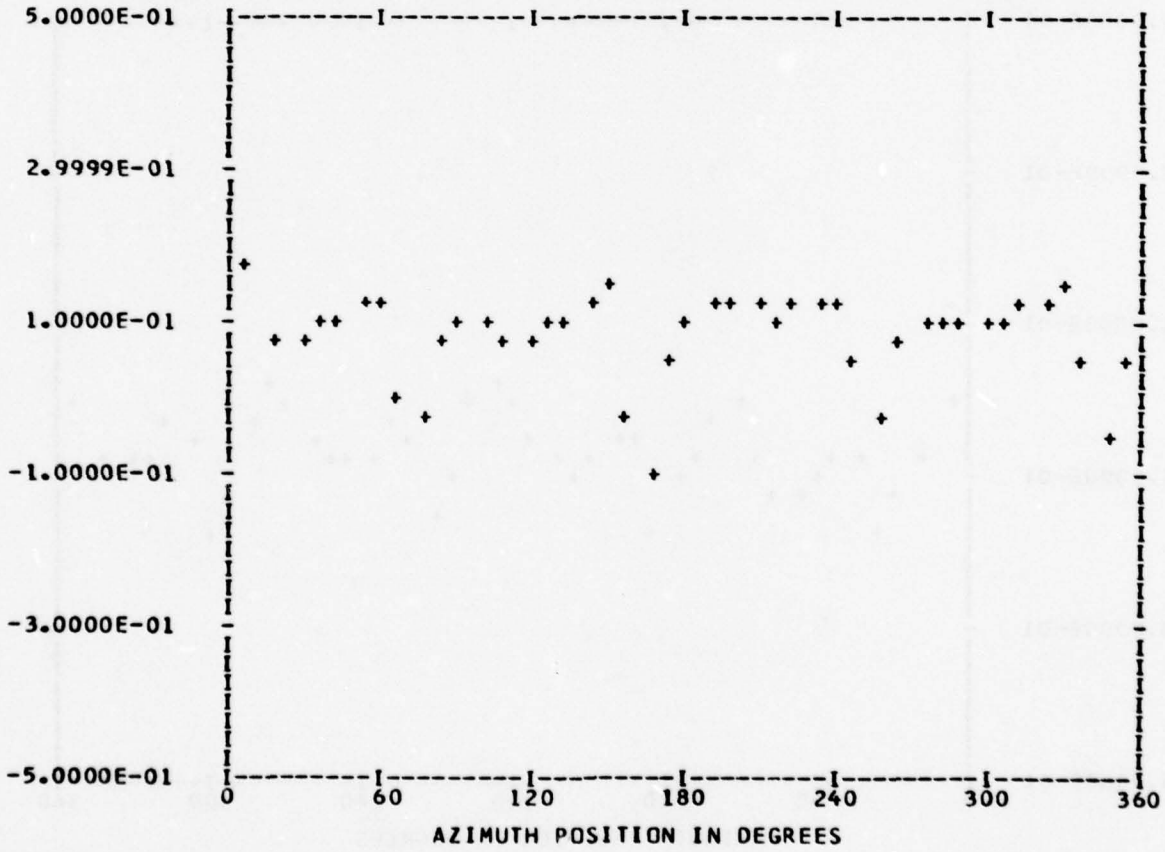
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.83525E-01	1	0.69933E-03	-0.88707E-02	0.88982E-02	175.4
	2	0.32169E-03	0.73253E-02	0.73324E-02	2.5
	3	0.17495E-02	-0.78537E-02	0.80462E-02	167.4
	4	-0.14183E-01	0.41499E-01	0.43856E-01	341.1
	5	0.16732E-02	-0.40728E-02	0.44032E-02	157.6
	6	0.23805E-02	0.11314E-01	0.11562E-01	11.8
	7	-0.40152E-02	-0.53818E-02	0.67146E-02	216.7
	8	0.48266E-01	0.19393E-01	0.52016E-01	68.1
	9	0.32047E-02	0.67110E-02	0.74370E-02	25.5
	10	0.76714E-02	0.36666E-02	0.85027E-02	64.4

MAX= 0.17601E 00 MIN=-0.10529E 00 PEAK TO PEAK/2= 0.14065E 00



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

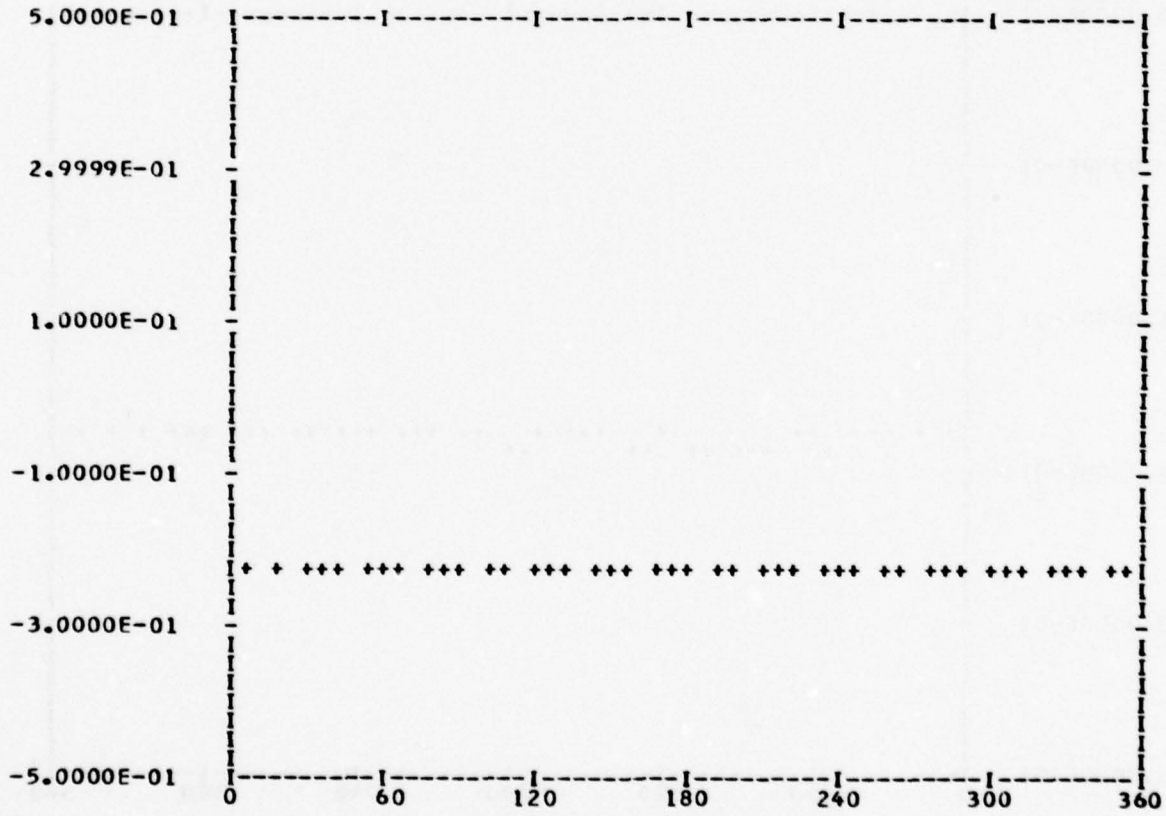
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22475E 00	1	0.18551E-02	-0.23442E-02	0.29894E-02	141.6
	2	0.24406E-03	0.28037E-02	0.28143E-02	4.9
	3	-0.22436E-03	-0.11589E-02	0.11804E-02	190.9
	4	-0.32536E-02	-0.12289E-02	0.34779E-02	249.3
	5	0.51804E-03	-0.22051E-03	0.56302E-03	113.0
	6	-0.64805E-04	-0.10140E-03	0.12034E-03	212.5
	7	-0.59308E-04	-0.63360E-03	0.63637E-03	185.3
	8	-0.25094E-02	0.30344E-03	0.25277E-02	276.8
	9	-0.57708E-03	0.25885E-03	0.63247E-03	294.1
	10	-0.12564E-02	-0.46817E-03	0.13408E-02	249.5

MAX=-0.21487E 00 MIN=-0.23547E 00 PEAK TO PEAK/2= 0.10304E-01



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

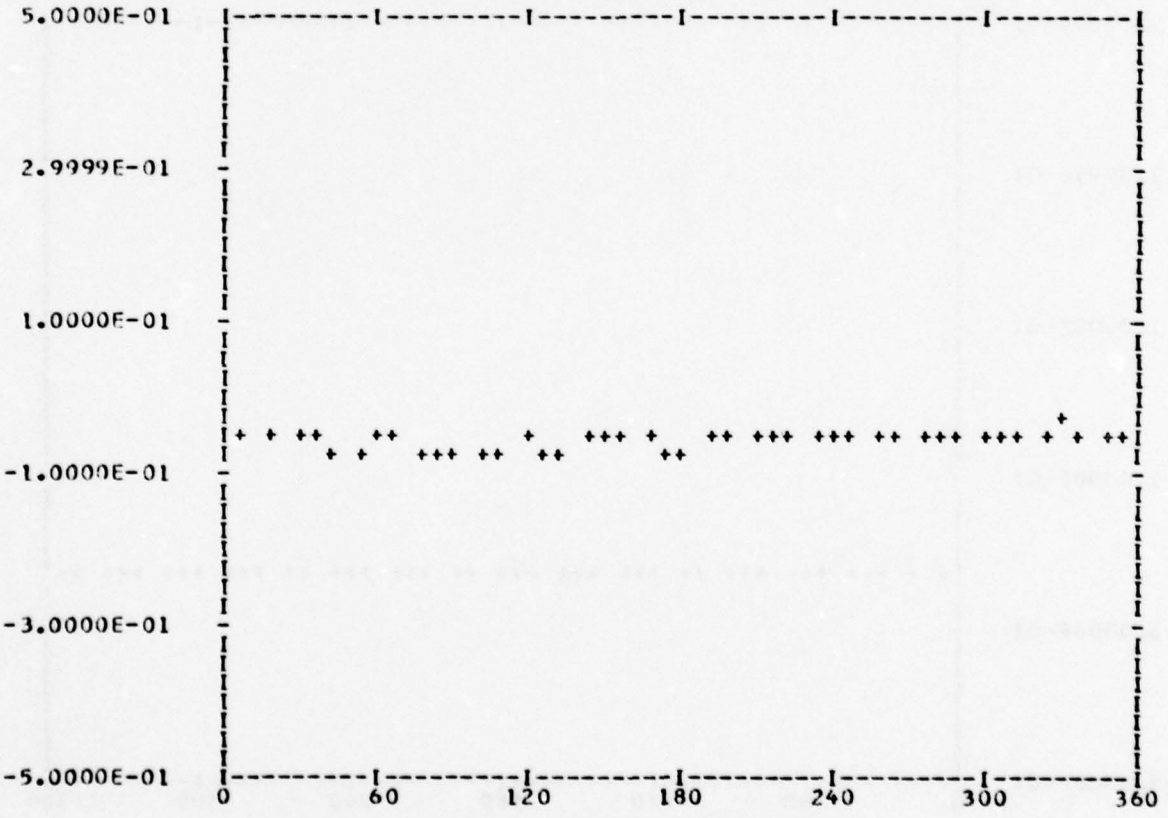
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.54515E-01	1	0.38839E-02	-0.13095E-01	0.13658E-01	163.4
	2	-0.47627E-03	-0.31773E-02	0.32128E-02	188.5
	3	0.10397E-02	0.89506E-03	0.13719E-02	49.2
	4	-0.99968E-03	-0.23938E-02	0.25942E-02	202.6
	5	0.56266E-04	-0.13001E-03	0.14166E-03	156.5
	6	-0.76920E-03	0.48580E-03	0.90977E-03	302.2
	7	-0.31036E-03	0.14057E-02	0.14396E-02	347.5
	8	-0.20704E-02	0.25783E-02	0.33067E-02	321.2
	9	-0.41008E-03	-0.13649E-02	0.14252E-02	196.7
	10	-0.93881E-03	-0.69909E-03	0.11705E-02	233.3

MAX=-0.35817E-01 MIN=-0.75376E-01 PEAK TC PEAK/2= 0.19779E-01



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

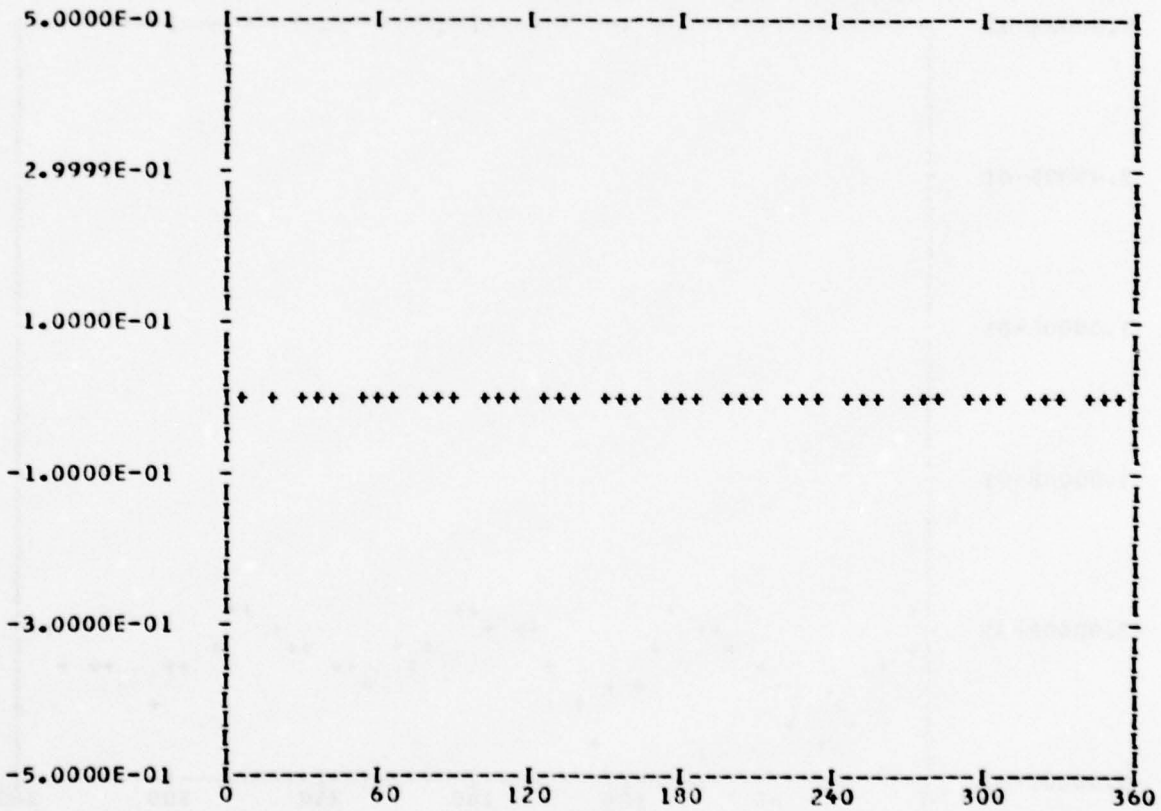
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16276E-02	1	0.37081E-04	-0.47903E-04	0.60578E-04	142.2
	2	-0.20059E-05	0.11470E-04	0.11644E-04	350.0
	3	0.76786E-05	0.25280E-04	0.26420E-04	16.8
	4	-0.34903E-05	-0.20035E-04	0.20336E-04	189.8
	5	-0.23667E-05	-0.79978E-05	0.83407E-05	196.4
	6	-0.12436E-04	-0.31895E-04	0.34234E-04	201.3
	7	-0.41??0E-05	0.68968E-04	0.69094E-04	356.5
	8	-0.19420E-04	-0.62678E-05	0.20407E-04	252.1
	9	-0.31541E-04	0.14548E-04	0.34735E-04	294.7
	10	0.12804E-04	-0.67781E-04	0.68980E-04	169.3

MAX=-0.11646E-02 MIN=-0.19411E-02 PEAK TO PEAK/2= 0.38822E-03



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

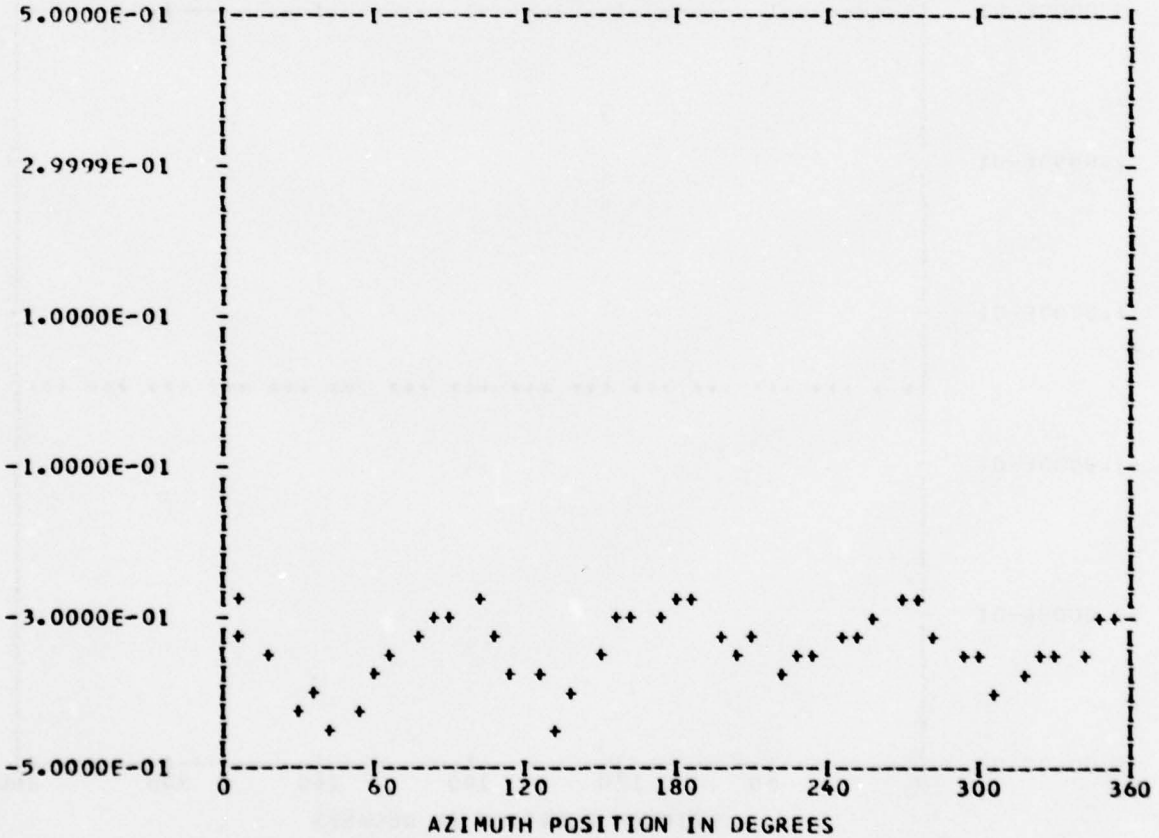
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.34027E 00	1	-0.16917E-01	-0.11626E-01	0.20527E-01	235.5
	2	0.64878E-04	-0.24086E-02	0.24095E-02	178.4
	3	-0.25633E-02	-0.10905E-01	0.11202E-01	193.2
	4	0.31420E-01	-0.45964E-01	0.55677E-01	145.6
	5	0.78083E-02	0.46100E-03	0.78219E-02	86.6
	6	-0.49230E-02	0.16618E-02	0.51959E-02	288.6
	7	0.64253E-02	-0.24772E-02	0.68863E-02	111.0
	8	0.89495E-02	-0.13100E-02	0.90449E-02	98.3
	9	-0.34718E-02	-0.16034E-02	0.38242E-02	245.2
	10	0.78559E-03	-0.29612E-02	0.30636E-02	165.1

MAX=-0.26928E 00 MIN=-0.44503E 00 PEAK TO PEAK/2= 0.87873E-01



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

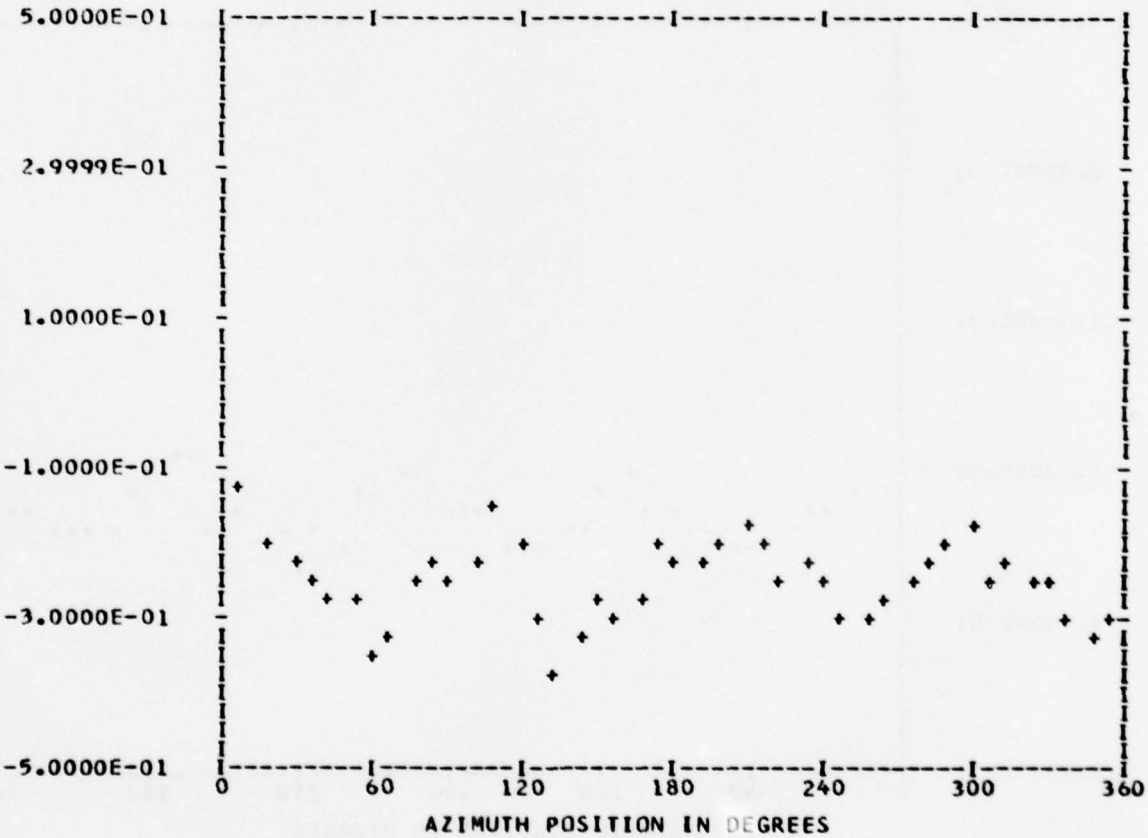
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.24949E 00	1	-0.69520E-02	-0.86457E-02	0.11094E-01	218.8
	2	0.44495E-02	0.69775E-02	0.82755E-02	32.5
	3	-0.12648E-01	-0.11214E-01	0.16904E-01	228.4
	4	0.26764E-01	0.42356E-01	0.50104E-01	32.2
	5	0.34928E-03	0.23247E-01	0.23250E-01	0.8
	6	-0.59343E-02	-0.30973E-02	0.66940E-02	242.4
	7	0.65558E-02	0.11642E-01	0.13361E-01	29.3
	8	-0.73058E-03	0.12413E-01	0.12435E-01	356.6
	9	0.70889E-02	-0.12896E-02	0.72052E-02	100.3
	10	0.11915E-01	0.54054E-02	0.13083E-01	65.5

MAX=-0.12560E 00 MIN=-0.36358E 00 PEAK TO PEAK/2= 0.11898E 00



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

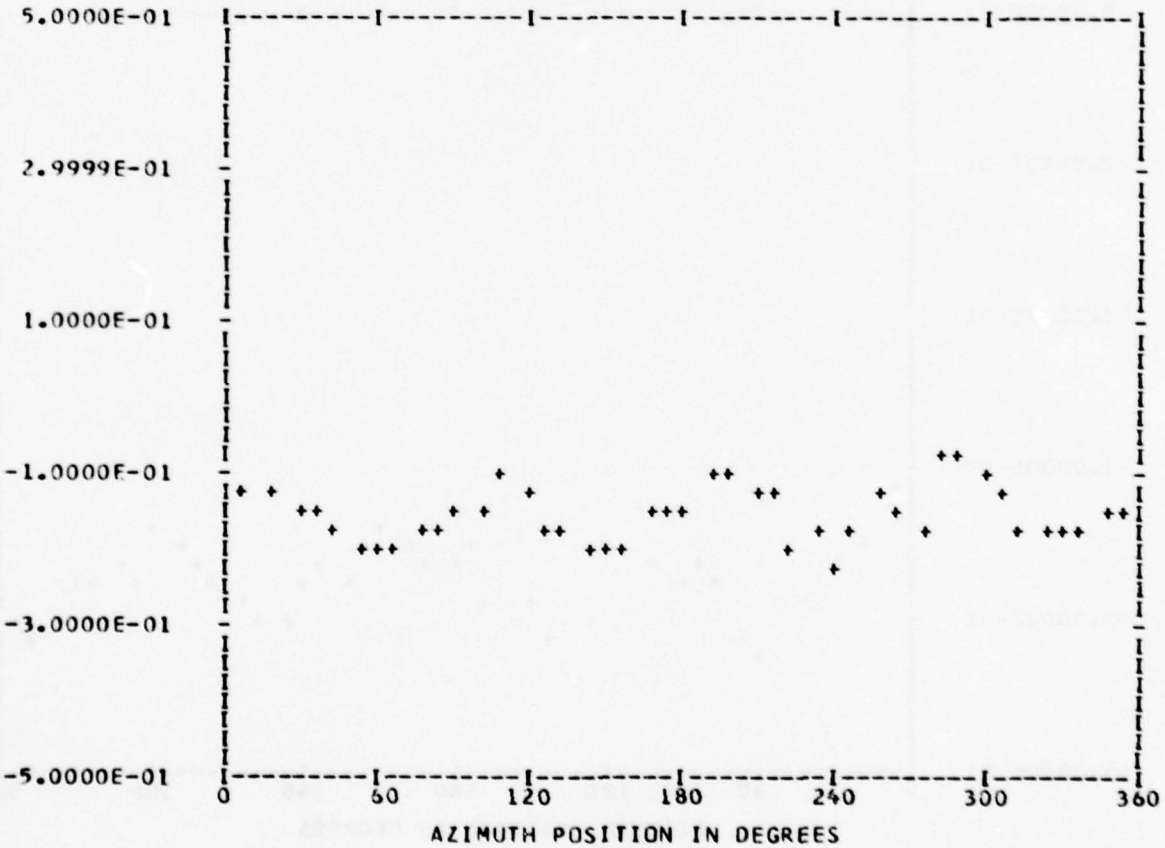
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15407E 00	1	-0.91397E-03	-0.14711E-01	0.14740E-01	183.5
	2	0.49650E-04	-0.33004E-02	0.33008E-02	179.1
	3	-0.41686E-02	0.17517E-02	0.45217E-02	292.7
	4	0.36867E-01	0.20854E-01	0.42357E-01	60.5
	5	-0.14928E-02	-0.25842E-02	0.29844E-02	210.0
	6	-0.86575E-03	-0.30834E-02	0.32027E-02	195.6
	7	0.68221E-03	-0.39758E-02	0.40339E-02	170.2
	8	-0.56018E-02	0.78653E-02	0.96562E-02	324.5
	9	0.51729E-02	0.17745E-02	0.54688E-02	71.0
	10	0.13031E-02	-0.23345E-02	0.26736E-02	150.8

MAX=-0.67265E-01 MIN=-0.21439E 00 PEAK TC PEAK/2= 0.73563E-01



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

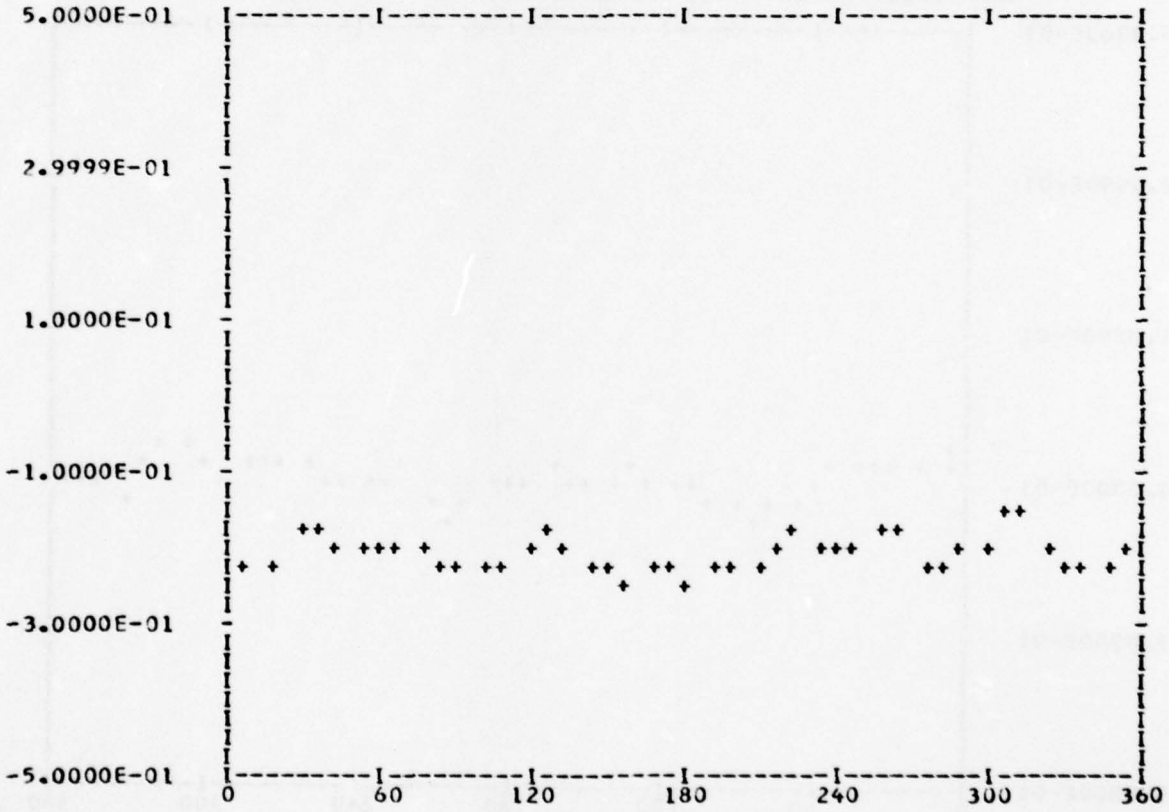
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20750E 00	1	0.76502E-02	-0.92793E-02	0.12026E-01	140.4
	2	-0.93203E-02	0.55087E-02	0.10826E-01	300.5
	3	-0.83624E-03	0.78816E-03	0.11491E-02	313.3
	4	-0.15478E-01	0.78888E-02	0.17373E-01	297.0
	5	-0.17545E-02	0.59346E-03	0.18521E-02	288.6
	6	0.56412E-02	0.20801E-03	0.56450E-02	87.8
	7	0.10897E-02	0.11298E-02	0.15697E-02	43.9
	8	-0.60201E-02	-0.12757E-01	0.14106E-01	205.2
	9	-0.51688E-02	-0.32797E-02	0.61215E-02	237.6
	10	0.17436E-02	0.89599E-03	0.19603E-02	62.8

MAX=-0.15382E 00 MIN=-0.24389E 00 PEAK TO PEAK/2= 0.45036E-01



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

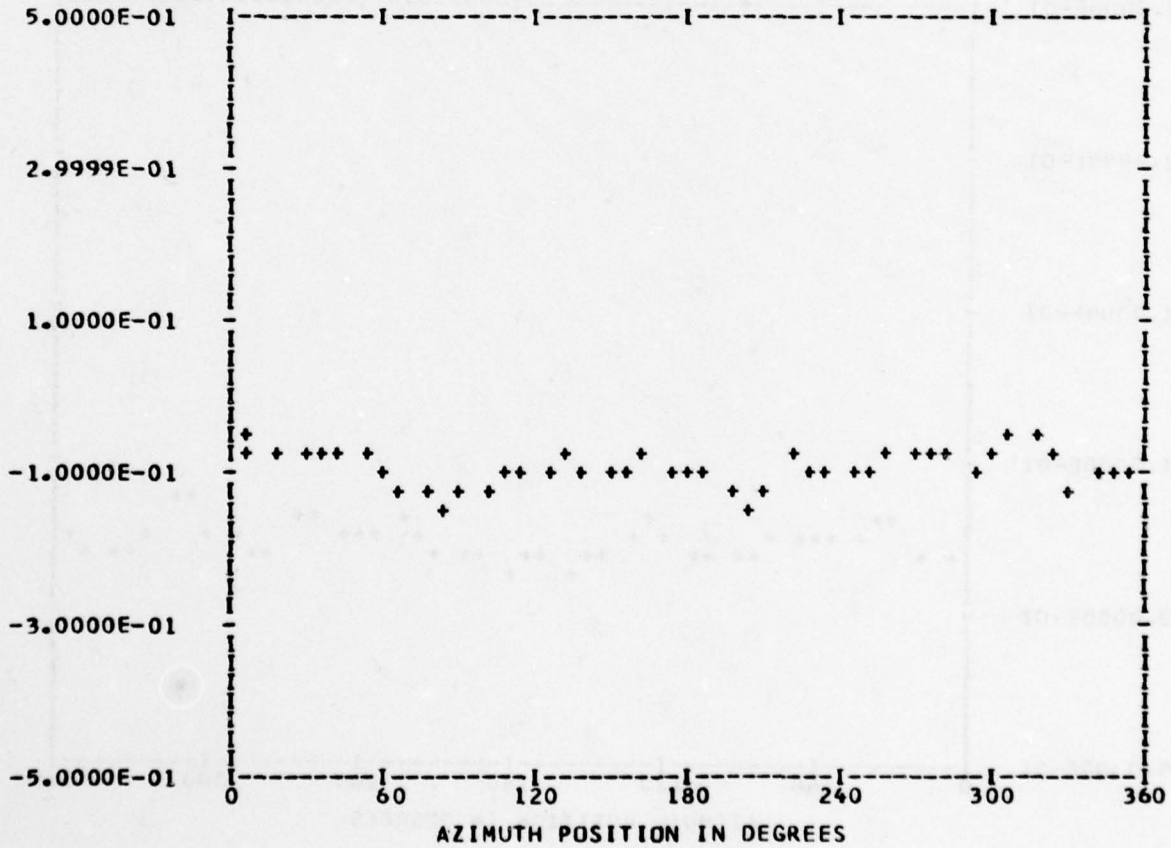
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.94332E-01	1	0.11766E-01	-0.11129E-01	0.16195E-01	133.4
	2	0.18984E-02	-0.71585E-02	0.74060E-02	165.1
	3	0.96984E-02	0.10783E-01	0.14503E-01	41.9
	4	-0.29985E-02	0.82019E-02	0.87328E-02	339.9
	5	0.22300E-02	0.95602E-02	0.98168E-02	13.1
	6	-0.50095E-03	-0.29558E-02	0.29979E-02	189.6
	7	0.62953E-02	0.12504E-03	0.62965E-02	88.8
	8	0.28014E-02	-0.80794E-02	0.85513E-02	160.8
	9	-0.27113E-02	0.30511E-02	0.40817E-02	318.3
	10	0.22815E-03	0.23818E-02	0.23927E-02	5.4

MAX=-0.50530E-01 MIN=-0.14648E 00 PEAK TO PEAK/2= 0.47975E-01



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

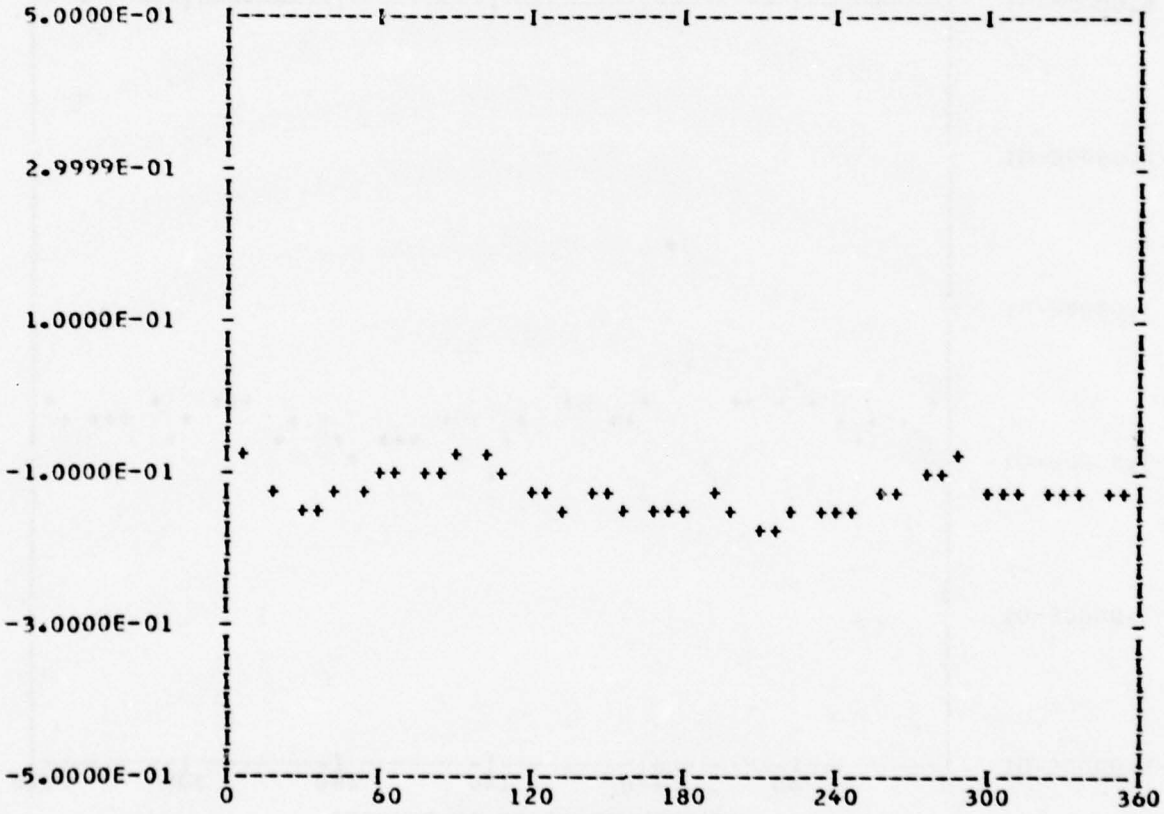
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12490E 00	1	0.15612E-01	0.10241E-01	0.18671E-01	56.7
	2	-0.17111E-01	-0.65331E-02	0.18316E-01	249.1
	3	-0.46546E-02	-0.90083E-03	0.47410E-02	259.0
	4	0.18555E-01	0.66256E-03	0.18567E-01	87.9
	5	0.78271E-02	-0.95635E-03	0.78853E-02	96.9
	6	-0.79235E-03	-0.30738E-03	0.84988E-03	248.7
	7	0.15769E-02	-0.17260E-02	0.23379E-02	137.5
	8	0.46923E-02	0.76719E-02	0.89931E-02	31.4
	9	-0.26285E-02	0.20254E-02	0.33183E-02	307.6
	10	0.99988E-03	0.33078E-02	0.34556E-02	16.8

MAX=-0.65268E-01 MIN=-0.16837E 00 PEAK TO PEAK/2= 0.51551E-01



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

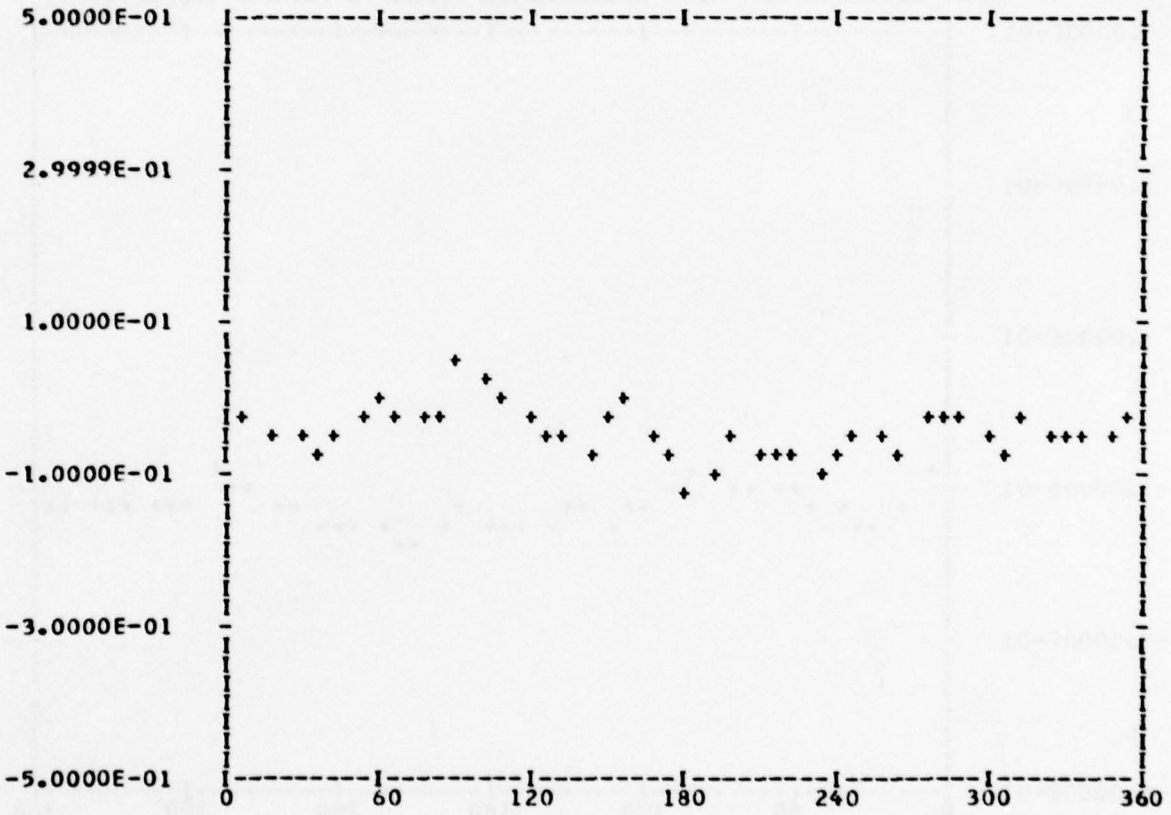
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.44088E-01	1	0.14087E-01	0.17734E-01	0.22649E-01	38.4
	2	-0.21426E-01	-0.58918E-02	0.22221E-01	254.6
	3	-0.72240E-03	-0.19856E-02	0.21129E-02	199.9
	4	0.10203E-01	-0.59932E-02	0.11833E-01	120.4
	5	0.60340E-02	0.67594E-03	0.60717E-02	83.6
	6	-0.10092E-01	-0.37484E-02	0.10766E-01	249.6
	7	0.14550E-01	-0.40336E-02	0.15098E-01	105.4
	8	-0.16048E-02	0.10724E-01	0.10844E-01	351.4
	9	0.57120E-02	0.94982E-03	0.57904E-02	80.5
	10	-0.77677E-02	-0.97993E-03	0.78293E-02	262.8

MAX= 0.38547E-01 MIN=-0.11250E 00 PEAK TO PEAK/2= 0.75526E-01



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

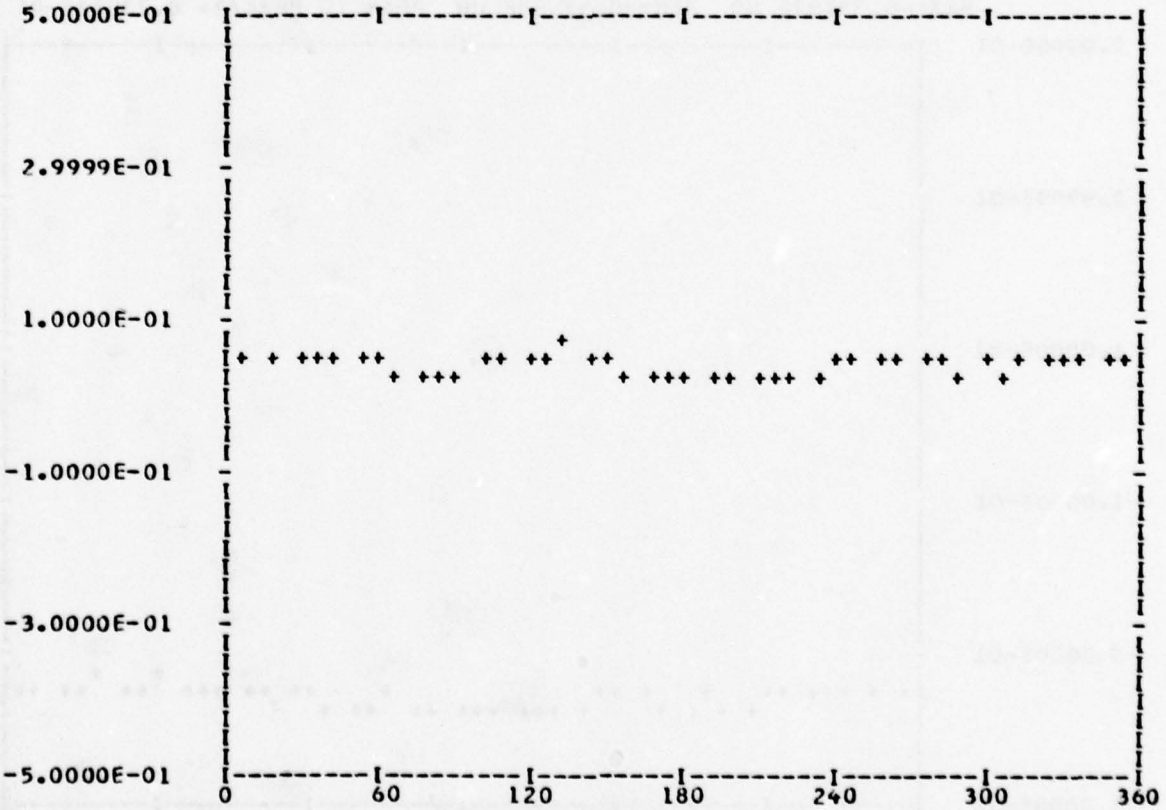
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.38764E-01	1	0.48400E-02	0.85050E-03	0.49141E-02	80.0
	2	-0.44954E-02	-0.30366E-02	0.54250E-02	235.9
	3	0.68399E-02	0.25880E-02	0.73131E-02	69.2
	4	-0.41306E-02	0.46913E-03	0.41572E-02	276.4
	5	-0.28862E-02	-0.45588E-03	0.29220E-02	261.0
	6	0.96936E-03	-0.19112E-03	0.98802E-03	101.1
	7	-0.78120E-03	-0.79122E-03	0.11118E-02	224.6
	8	0.23554E-02	0.90297E-03	0.25226E-02	69.0
	9	0.25091E-02	-0.10767E-03	0.25114E-02	92.4
	10	-0.21200E-02	0.18128E-02	0.27894E-02	310.5

MAX= 0.63603E-01 MIN= 0.16519E-01 PEAK TO PEAK/2= 0.23541E-01



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

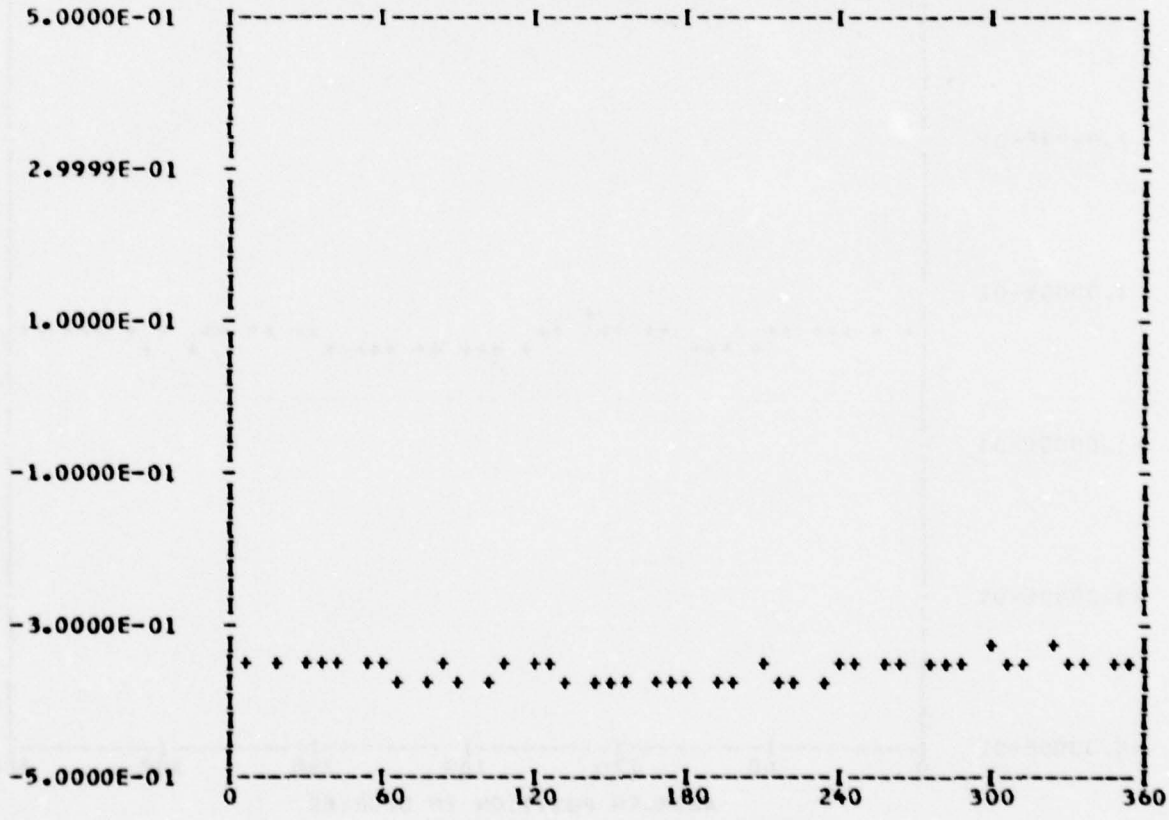
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.35671E 00	1	0.11100E-01	-0.68963E-02	0.13068E-01	121.8
	2	-0.45201E-02	-0.41359E-02	0.61268E-02	227.5
	3	0.14618E-02	-0.21323E-03	0.14772E-02	98.2
	4	0.13922E-03	0.40806E-02	0.40829E-02	1.9
	5	-0.12404E-02	0.32726E-03	0.12829E-02	284.7
	6	0.18598E-02	0.61147E-03	0.19577E-02	71.8
	7	0.14880E-02	-0.12735E-02	0.19586E-02	130.5
	8	-0.22844E-02	0.24567E-02	0.33547E-02	317.0
	9	-0.23260E-03	-0.46505E-03	0.51998E-03	153.4
	10	-0.10769E-02	-0.24905E-03	0.11054E-02	256.9

MAX=-0.33197E 00 MIN=-0.37980E 00 PEAK TO PEAK/2= 0.23912E-01



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

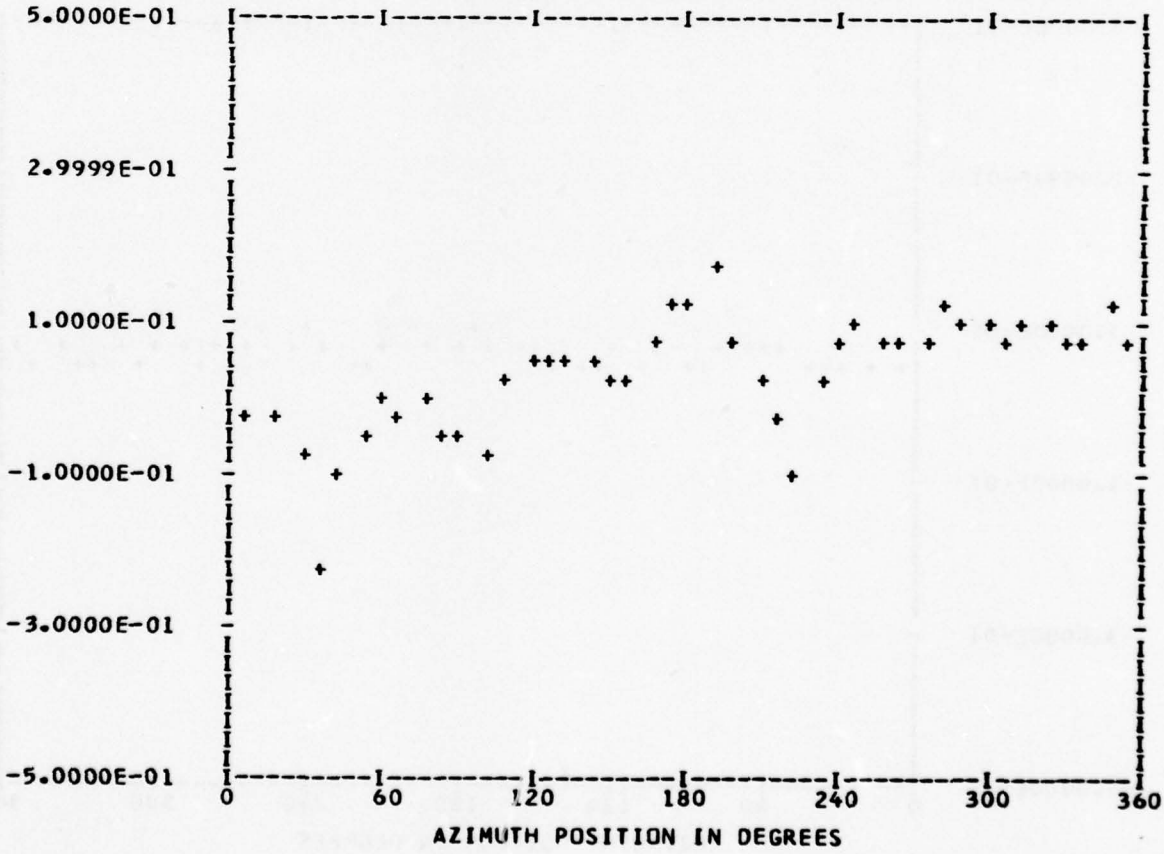
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.35799E-01	1	-0.23899E-01	-0.57890E-01	0.62629E-01	202.4
	2	0.95227E-02	-0.53582E-01	0.54422E-01	169.9
	3	-0.72439E-02	-0.37499E-02	0.81570E-02	242.6
	4	0.28359E-01	-0.22735E-01	0.36347E-01	128.7
	5	-0.42838E-02	-0.24876E-01	0.25242E-01	189.7
	6	0.44758E-01	0.25940E-02	0.44833E-01	86.6
	7	-0.30144E-02	-0.16512E-02	0.34370E-02	241.2
	8	0.12905E-02	0.11865E-01	0.11935E-01	6.2
	9	0.90222E-02	-0.84630E-03	0.90618E-02	95.3
	10	-0.48729E-02	-0.52209E-02	0.71416E-02	223.0

MAX= 0.16550E 00 MIN=-0.21733E 00 PEAK TO PEAK/2= 0.19142E 00



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

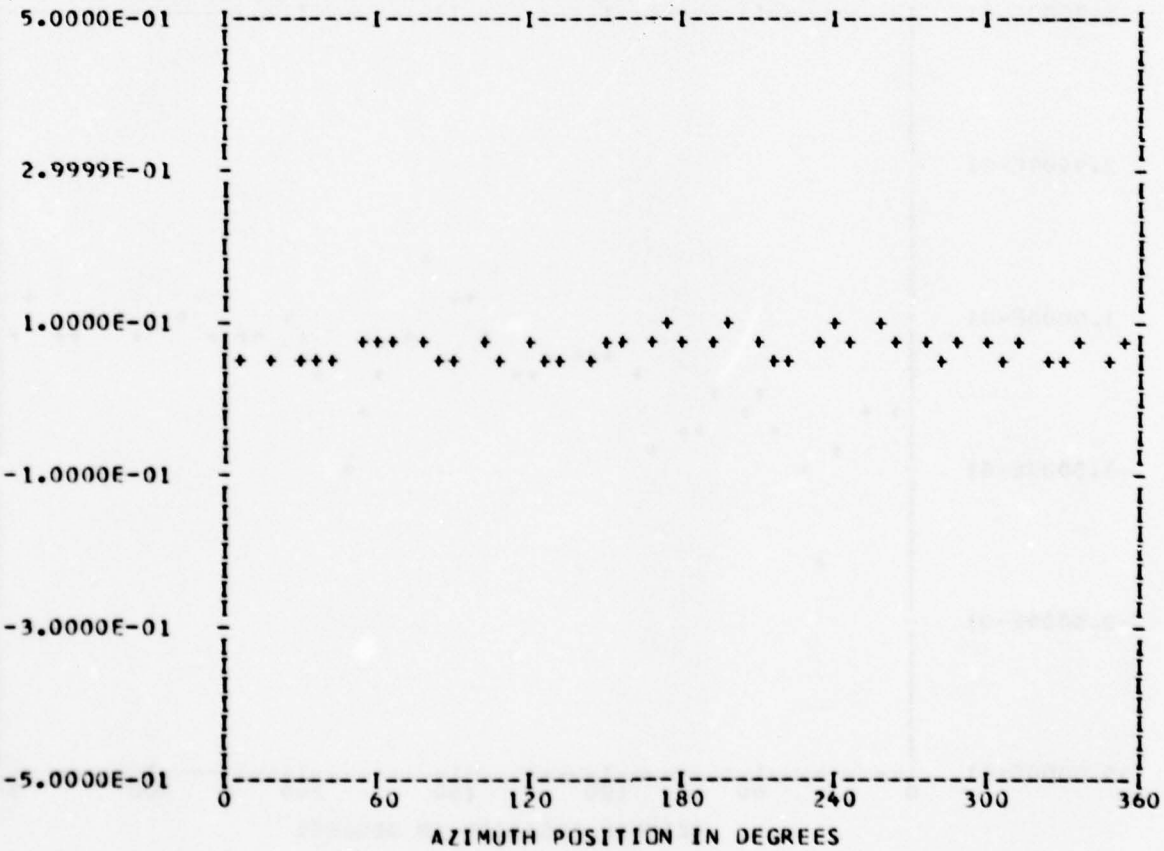
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.67916E-01	1	-0.11320E-01	-0.40699E-02	0.12029E-01	250.2
	2	-0.71657E-04	0.95822E-03	0.96090E-03	355.7
	3	-0.19558E-02	0.18407E-02	0.26858E-02	313.2
	4	0.22342E-02	-0.91167E-02	0.93865E-02	166.2
	5	-0.22853E-02	0.86548E-03	0.24437E-02	290.7
	6	0.52238E-02	-0.78696E-03	0.52827E-02	98.5
	7	0.22329E-02	-0.39111E-02	0.45036E-02	150.2
	8	-0.11806E-03	0.46957E-02	0.46972E-02	358.5
	9	0.34378E-03	-0.14275E-02	0.14683E-02	166.4
	10	-0.15310E-02	0.21504E-02	0.26398E-02	324.5

MAX= 0.95147E-01 MIN= 0.39082E-01 PEAK TO PEAK/2= 0.28032E-01



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

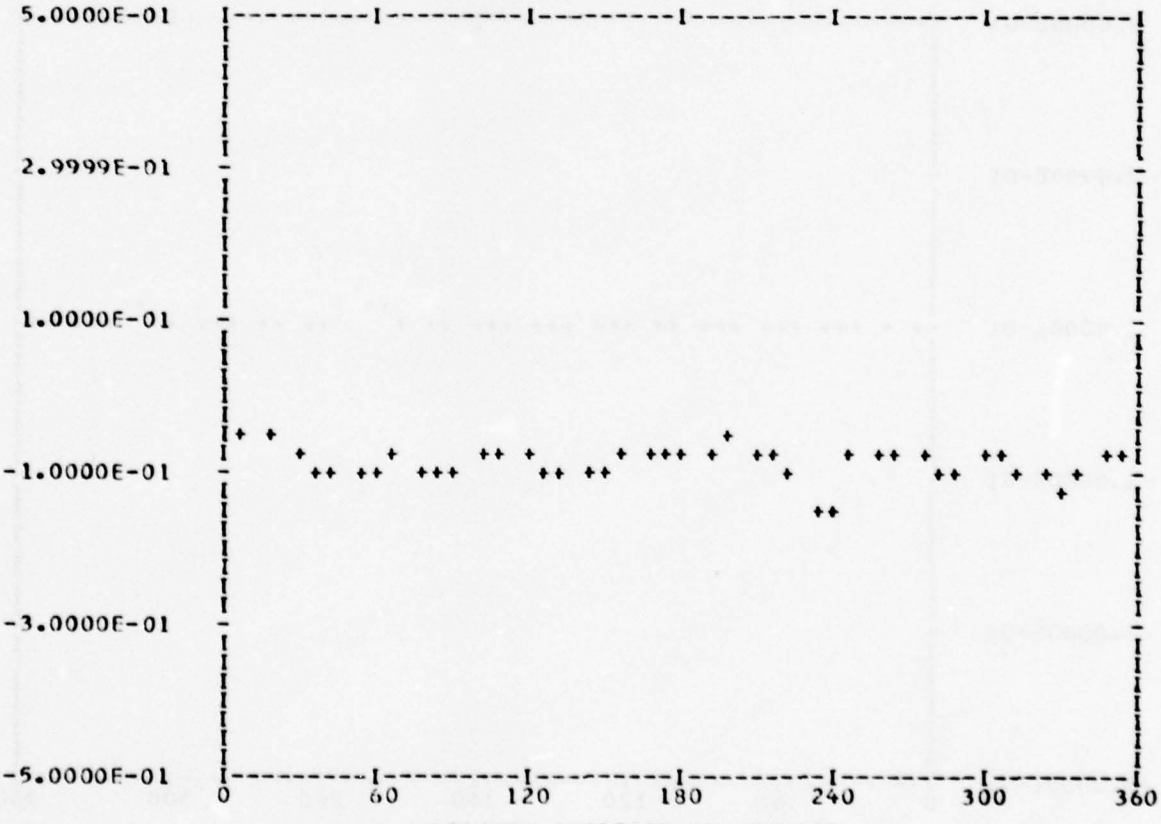
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 16
TP 2
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.86961E-01	1	0.12929E-02	0.19331E-02	0.23256E-02	33.7
	2	0.71939E-02	-0.22389E-02	0.75343E-02	107.2
	3	0.30467E-04	0.30831E-02	0.30832E-02	0.5
	4	0.18556E-01	0.37716E-02	0.18935E-01	78.5
	5	-0.13462E-03	-0.38782E-02	0.38806E-02	181.9
	6	0.33403E-02	0.37138E-02	0.49950E-02	41.9
	7	0.92383E-02	-0.43154E-02	0.10196E-01	115.0
	8	-0.93650E-02	-0.43913E-03	0.93753E-02	267.3
	9	-0.55625E-02	0.37578E-02	0.67128E-02	304.0
	10	0.20851E-02	-0.32607E-02	0.38704E-02	147.4

MAX=-0.55277E-01 MIN=-0.14930E 00 PEAK TO PEAK/2= 0.47012E-01



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

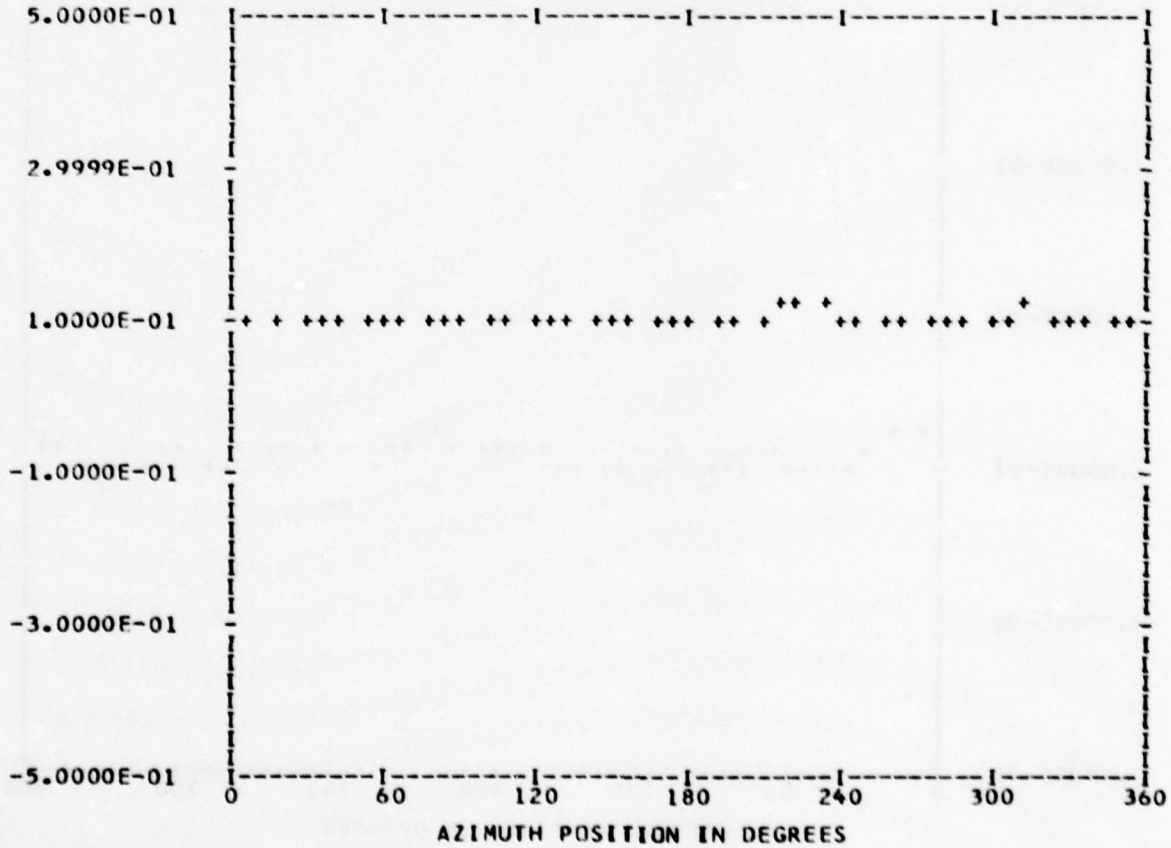
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.10946E 00	1	-0.80030E-03	-0.37456E-03	0.88361E-03	244.9
	2	-0.56983E-03	0.14917E-03	0.58903E-03	284.6
	3	-0.34226E-03	-0.57818E-03	0.67189E-03	210.6
	4	-0.11719E-02	0.12992E-02	0.17497E-02	317.9
	5	0.21276E-03	-0.41043E-03	0.46230E-03	152.5
	6	-0.12174E-03	-0.19861E-03	0.23295E-03	211.5
	7	0.44882E-03	0.27754E-03	0.52770E-03	58.2
	8	-0.10029E-03	-0.63879E-03	0.64662E-03	188.9
	9	0.88952E-04	0.35665E-03	0.36758E-03	14.0
	10	0.10945E-03	0.18135E-03	0.21182E-03	31.1

MAX= 0.11497E 00 MIN= 0.10653E 00 PEAK TO PEAK/2= 0.42209E-02



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

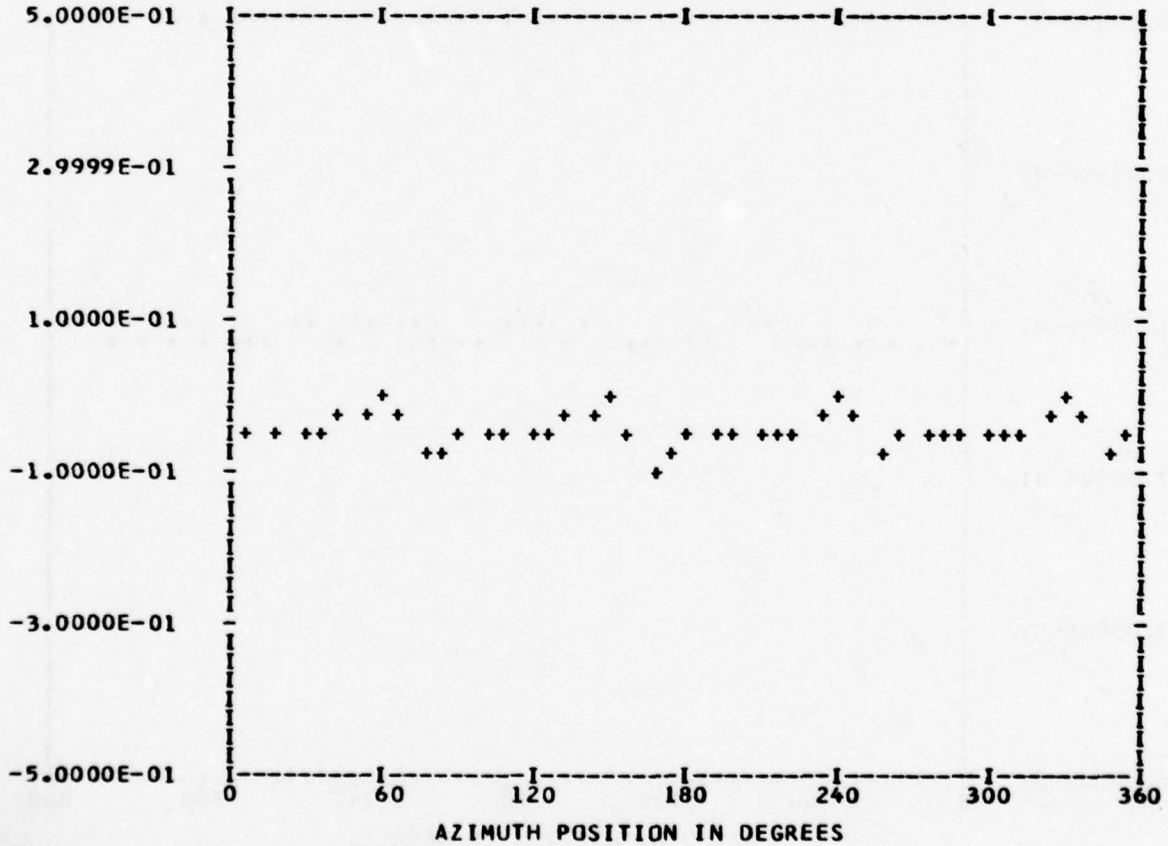
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.44029E-01	1	0.23246E-02	-0.47699E-03	0.23730E-02	101.5
	2	-0.80662E-03	0.15564E-02	0.17530E-02	332.6
	3	0.12906E-02	-0.20316E-02	0.24069E-02	147.5
	4	-0.18898E-01	0.24429E-02	0.19055E-01	277.3
	5	-0.24945E-03	-0.50756E-02	0.50817E-02	182.8
	6	0.10713E-02	0.14121E-02	0.17726E-02	37.1
	7	-0.19209E-02	-0.21569E-02	0.28883E-02	221.6
	8	0.11755E-01	0.14409E-01	0.18596E-01	39.2
	9	-0.23429E-02	0.58621E-04	0.23437E-02	271.4
	10	0.58819E-03	0.27769E-03	0.65044E-03	64.7

MAX= 0.18740E-02 MIN=-0.11091E 00 PEAK TO PEAK/2= 0.56393E-01



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

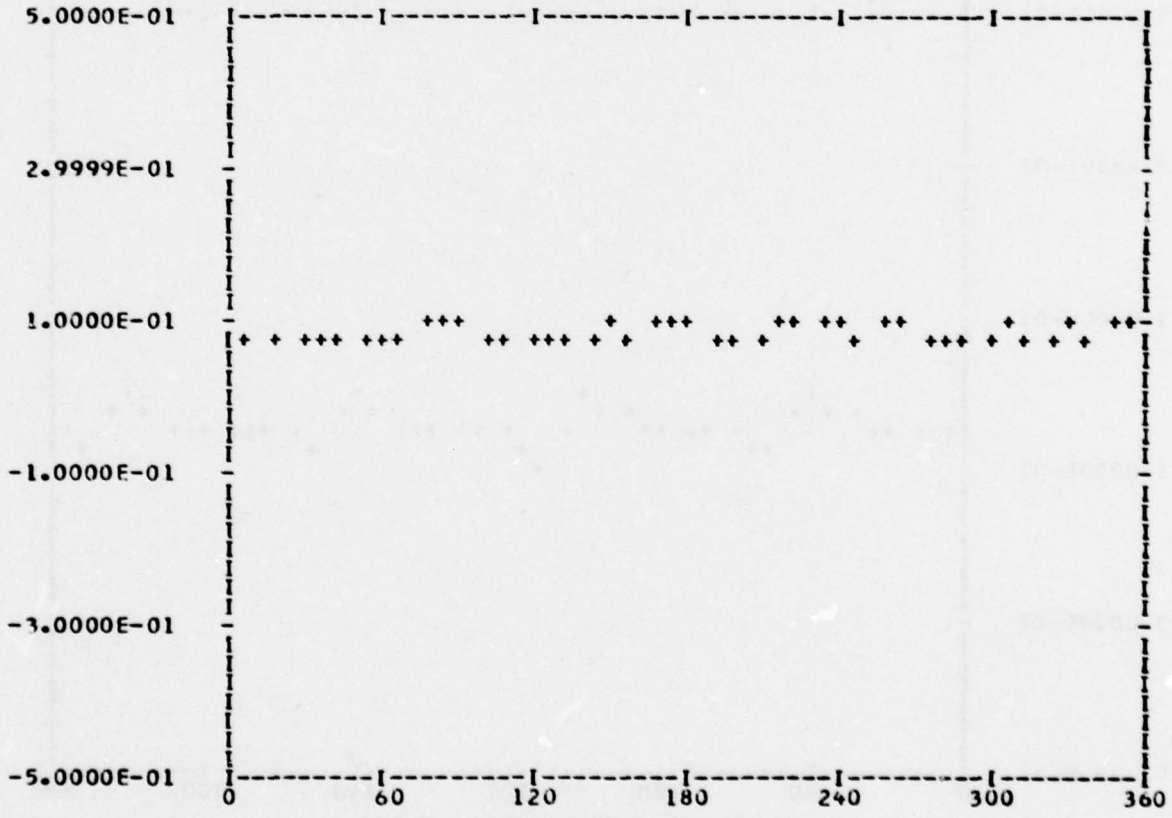
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.87044E-01	1	-0.68614E-03	-0.13176E-03	0.69868E-03	259.1
	2	-0.56669E-04	0.19781E-04	0.60022E-04	289.2
	3	-0.46488E-03	-0.43823E-03	0.63888E-03	226.6
	4	-0.12857E-03	-0.18766E-02	0.18810E-02	183.9
	5	0.33778E-03	0.50848E-03	0.61045E-03	33.5
	6	-0.40519E-04	-0.16242E-03	0.16740E-03	194.0
	7	0.14382E-04	0.13651E-05	0.14446E-04	84.5
	8	0.11066E-03	-0.13640E-02	0.13685E-02	175.3
	9	0.17488E-03	0.84116E-04	0.19406E-03	64.3
	10	-0.61250E-04	-0.64787E-04	0.89157E-04	223.3

MAX= 0.92255E-01 MIN= 0.83334E-01 PEAK TO PEAK/2= 0.44606E-02



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

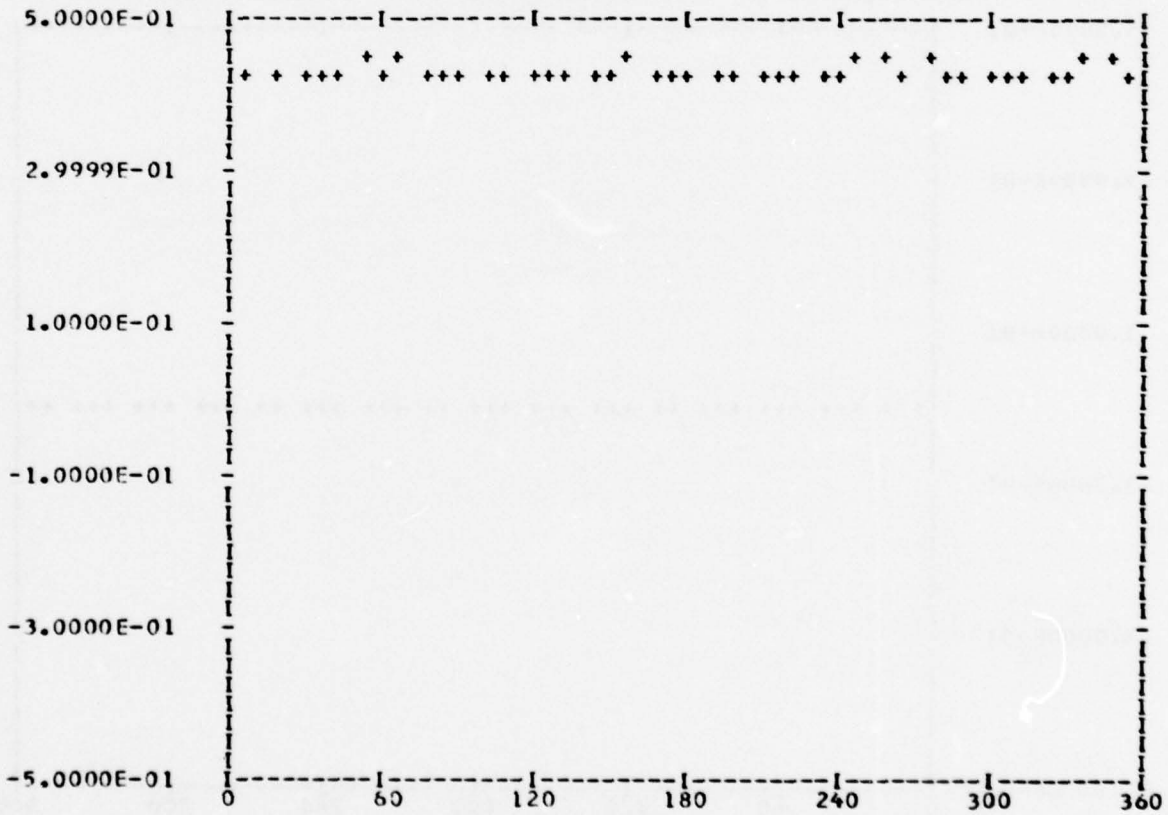
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.43321E 00	1	0.13569E-02	-0.43946E-03	0.14263E-02	107.9
	2	-0.34839E-03	-0.44443E-03	0.56471E-03	218.0
	3	-0.12661E-02	0.92903E-03	0.15704E-02	306.2
	4	-0.70214E-03	-0.55535E-02	0.55977E-02	187.2
	5	-0.36910E-03	0.70342E-04	0.37574E-03	280.7
	6	-0.92458E-04	-0.17070E-03	0.19413E-03	208.4
	7	-0.25361E-03	-0.51660E-03	0.57550E-03	206.1
	8	0.44897E-03	-0.66618E-03	0.80335E-03	146.0
	9	0.15800E-03	0.38555E-03	0.41667E-03	22.2
	10	-0.46876E-04	-0.40148E-04	0.61719E-04	229.4

MAX= 0.44177E 00 MIN= 0.42466E 00 PEAK TO PEAK/2= 0.85558E-02



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

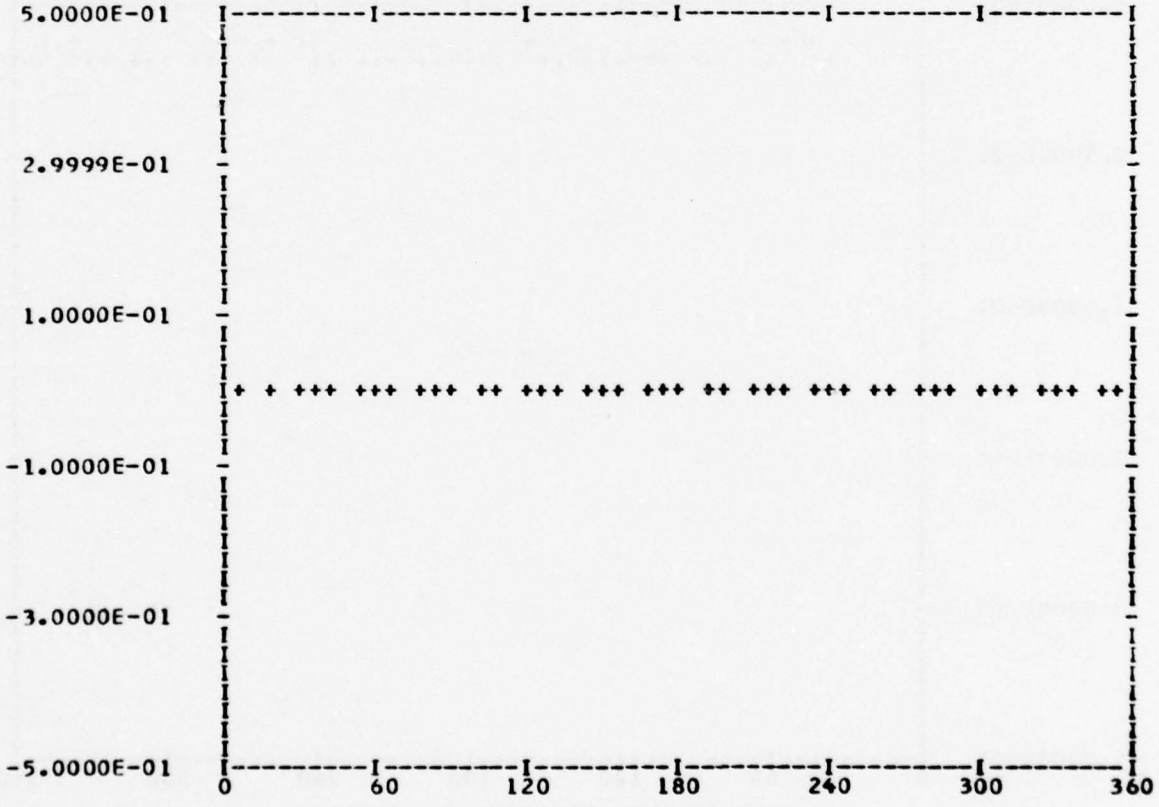
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14734E-02	1	-0.14612E-04	-0.23069E-04	0.27308E-04	212.3
	2	0.69074E-04	-0.30493E-04	0.75506E-04	113.8
	3	-0.15913E-04	-0.41265E-04	0.44227E-04	201.0
	4	-0.50505E-04	0.98350E-05	0.51453E-04	281.0
	5	0.39135E-04	-0.56992E-04	0.69135E-04	145.5
	6	0.68059E-05	0.32002E-04	0.32718E-04	12.0
	7	-0.13423E-04	0.44466E-04	0.46448E-04	343.2
	8	-0.54737E-04	-0.24659E-04	0.60035E-04	245.7
	9	0.21839E-04	0.57987E-04	0.61964E-04	20.6
	10	0.16300E-04	-0.86675E-04	0.88194E-04	169.3

MAX=-).10784E-02 MIN=-0.17685E-02 PEAK TO PEAK/2= 0.34508E-03



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

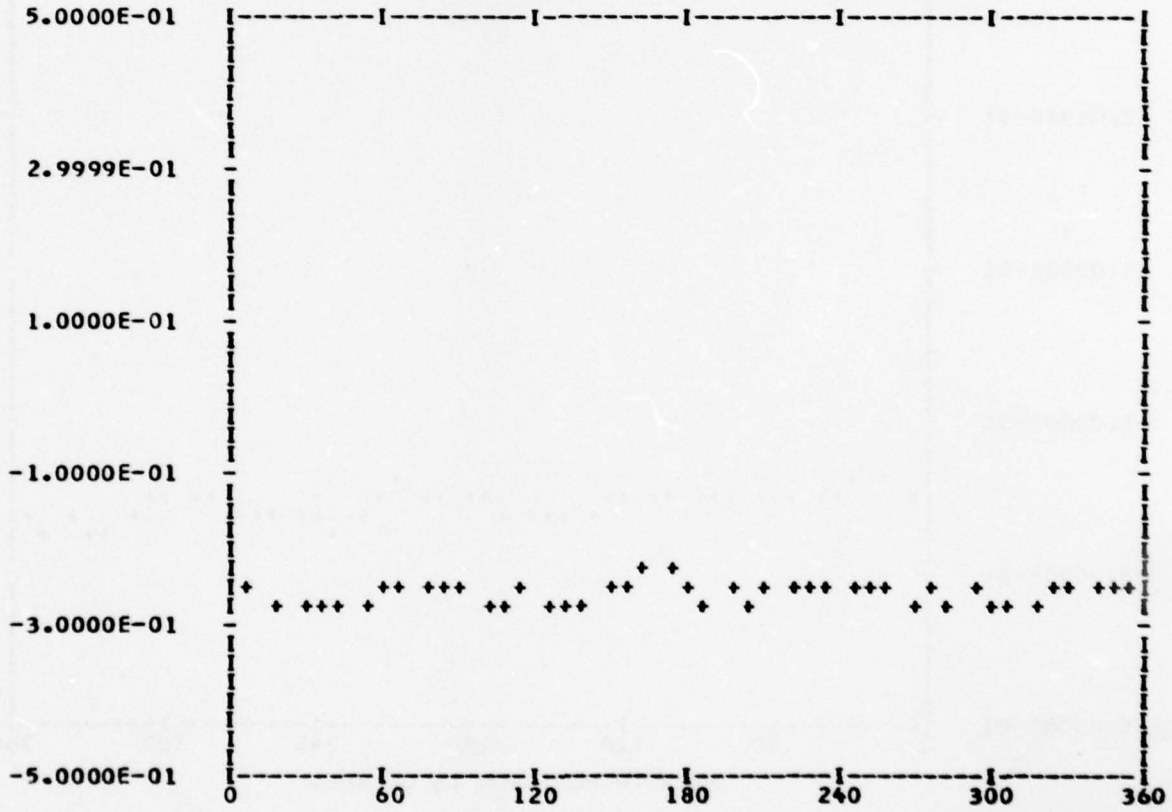
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25818E 00	1	-0.33897E-02	-0.13056E-02	0.36324E-02	248.9
	2	0.16608E-02	-0.19906E-02	0.25925E-02	140.1
	3	0.52514E-03	-0.71400E-03	0.88633E-03	143.6
	4	-0.31250E-02	-0.90392E-02	0.95641E-02	199.0
	5	0.55820E-03	0.11895E-02	0.13139E-02	25.1
	6	-0.11711E-02	-0.16327E-02	0.20094E-02	215.6
	7	0.21017E-02	0.29214E-02	0.35989E-02	35.7
	8	-0.83051E-03	0.43541E-02	0.44326E-02	349.2
	9	0.24353E-02	-0.10595E-02	0.26558E-02	113.5
	10	-0.11735E-03	-0.83538E-03	0.84358E-03	187.9

MAX=-0.23219E 00 MIN=-0.27459E 00 PEAK TO PEAK/2= 0.21200E-01



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

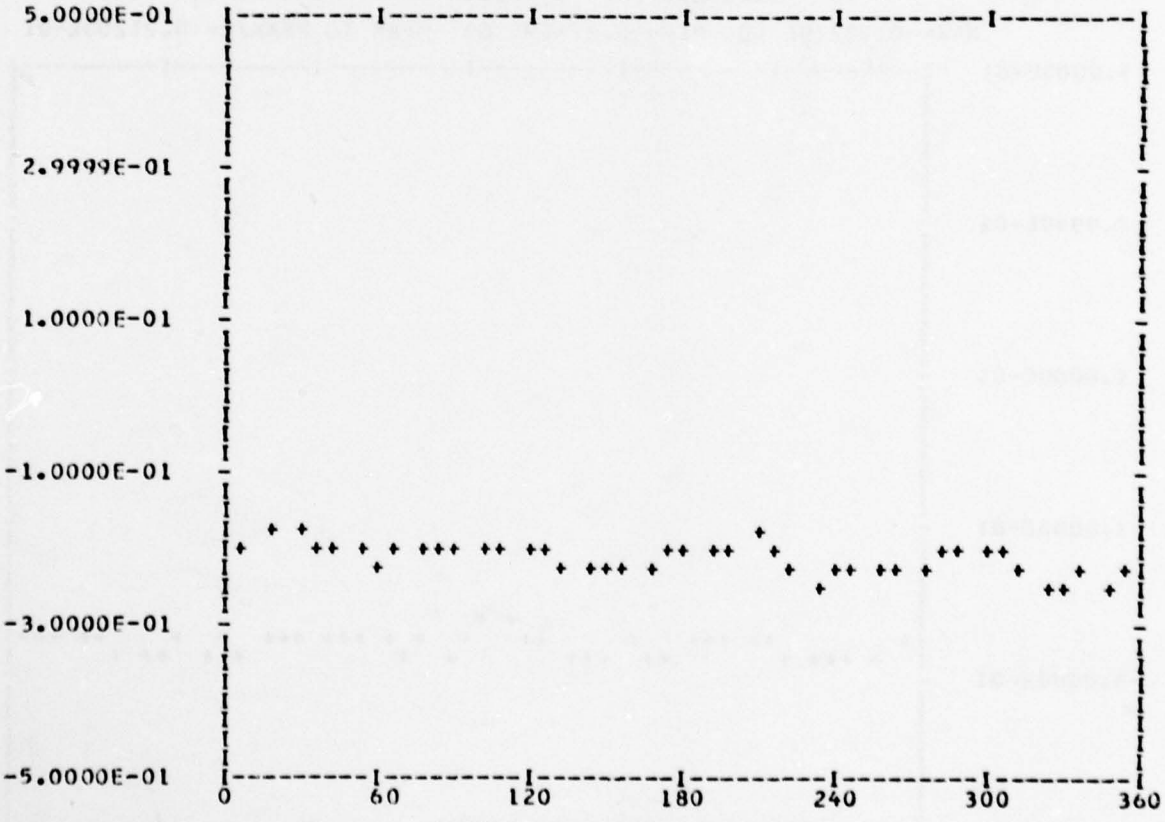
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 47

STEADY		COS COEFF	[illegible]	[illegible]	[illegible]
-0.21358E 00	1	-0.93410E-03	[illegible]92E-02	0.88884[illegible]-02	[illegible]
	2	0.53813E-03	0.[illegible]035E-02	0.65257E-02	4.7
	3	-0.43607E-02	0.26153E-02	0.50849E-02	300.9
	4	0.72459E-02	0.17085E-01	0.18558E-01	22.9
	5	0.20318E-03	0.11514E-02	0.11692E-02	10.0
	6	-0.82490E-03	0.27501E-02	0.28711E-02	343.3
	7	-0.29726E-03	0.12872E-02	0.13211E-02	346.9
	8	-0.68393E-02	0.42195E-03	0.68523E-02	273.5
	9	-0.60334E-04	0.15695E-02	0.15707E-02	357.7
	10	-0.11760E-02	0.97555E-03	0.15280E-02	309.6

MAX=-0.17793E 00 MIN=-0.24021E 00 PEAK TO PEAK/2= 0.31139E-01



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

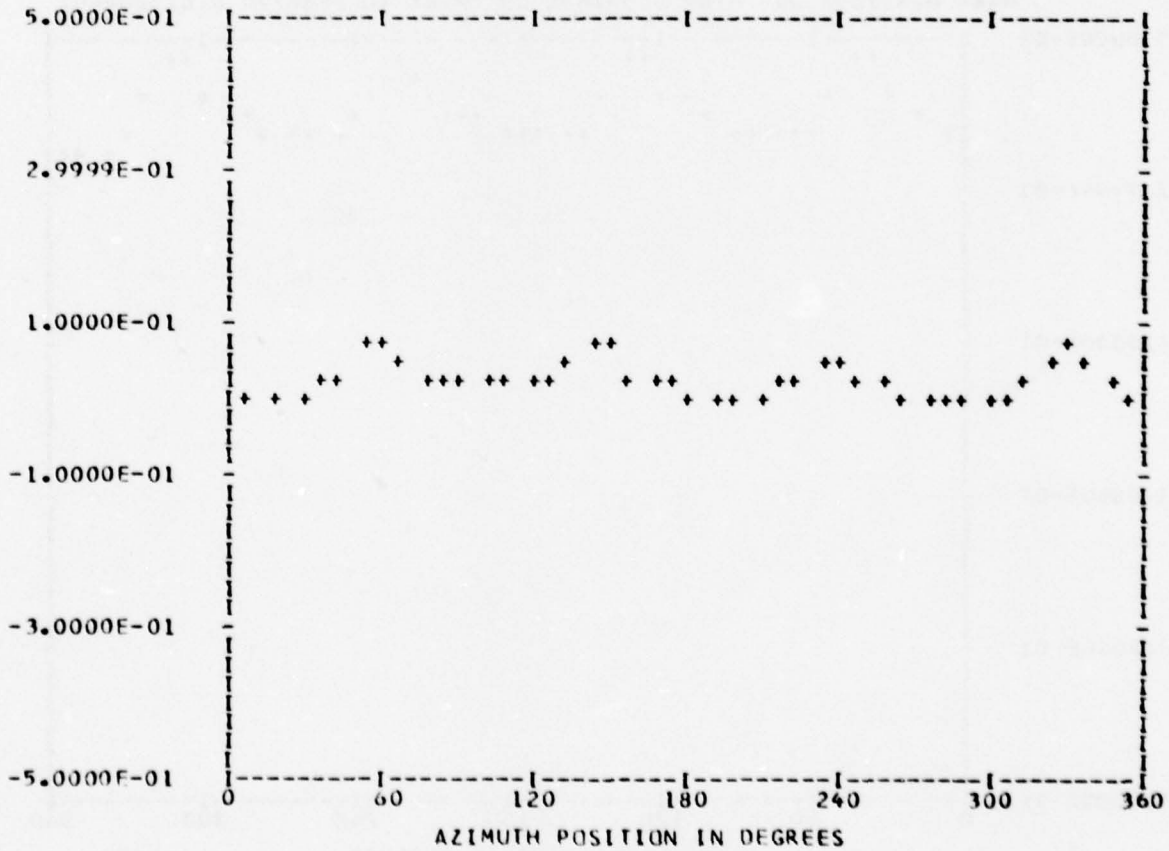
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.26774E-01	1	0.79976E-03	0.49629E-02	0.50269E-02	9.1
	2	-0.20886E-02	-0.23991E-02	0.31809E-02	221.0
	3	0.10728E-02	-0.11605E-02	0.15804E-02	137.2
	4	-0.23819E-01	-0.46646E-02	0.24271E-01	258.9
	5	-0.28839E-02	-0.80417E-03	0.29939E-02	254.4
	6	-0.26844E-03	-0.45704E-03	0.53005E-03	210.4
	7	-0.11877E-02	0.32192E-03	0.12306E-02	285.1
	8	0.10788E-01	0.59885E-02	0.12338E-01	60.9
	9	0.17205E-02	0.14984E-02	0.22815E-02	48.9
	10	0.11583E-02	-0.43156E-03	0.12360E-02	110.4

MAX= 0.71881E-01 MIN= 0.51438E-02 PEAK TO PEAK/2= 0.33368E-01



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

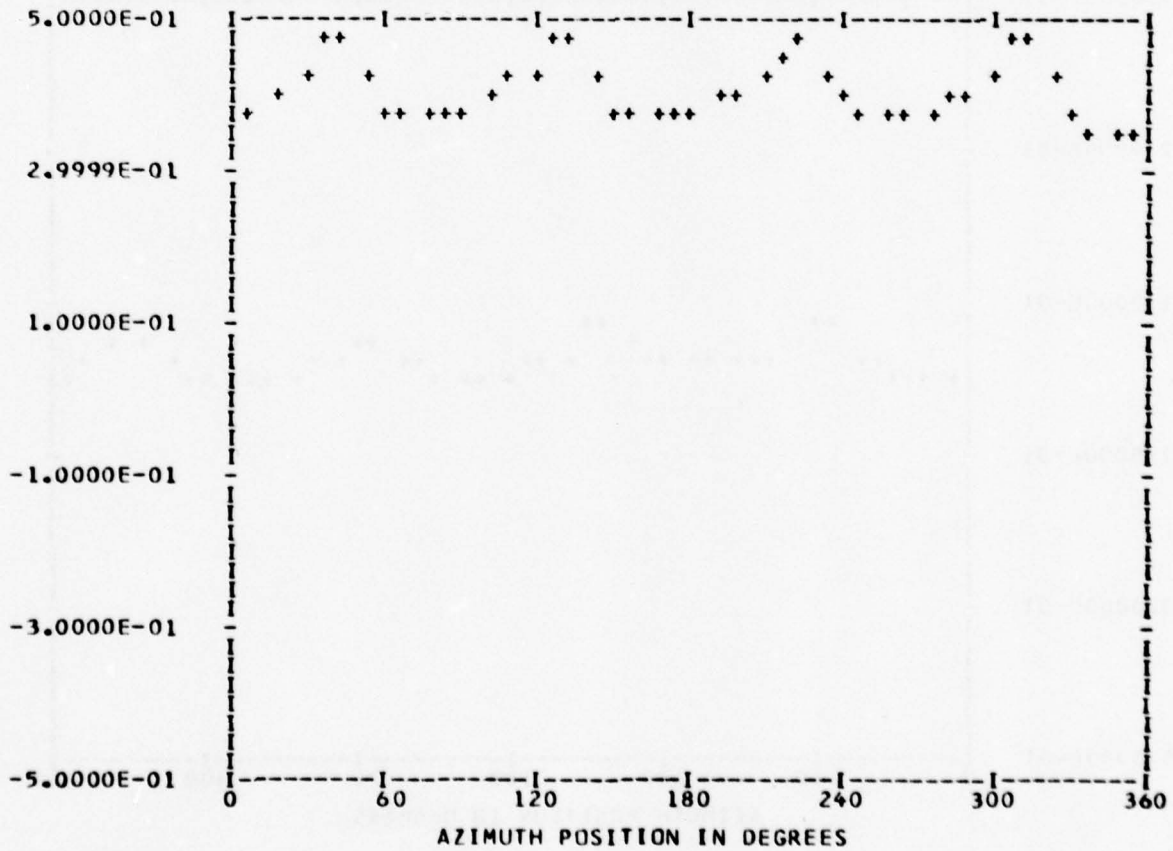
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.40311E 00	1	-0.45912E-02	-0.23122E-03	0.45970E-02	267.1
	2	-0.44162E-02	-0.32664E-03	0.44283E-02	265.7
	3	-0.82537E-03	-0.32579E-03	0.88734E-03	248.4
	4	-0.27525E-01	0.40848E-01	0.49257E-01	326.0
	5	-0.27166E-02	0.24615E-02	0.36659E-02	312.1
	6	-0.34781E-03	0.84522E-03	0.91398E-03	337.6
	7	0.84492E-03	0.13692E-02	0.16089E-02	31.6
	8	0.25667E-02	-0.16389E-01	0.16588E-01	171.0
	9	-0.81085E-04	-0.77519E-03	0.77942E-03	185.9
	10	-0.17193E-03	0.28704E-04	0.17431E-03	279.4

MAX= 0.47769E 00 MIN= 0.35265E 00 PEAK TO PEAK/2= 0.62520E-01



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

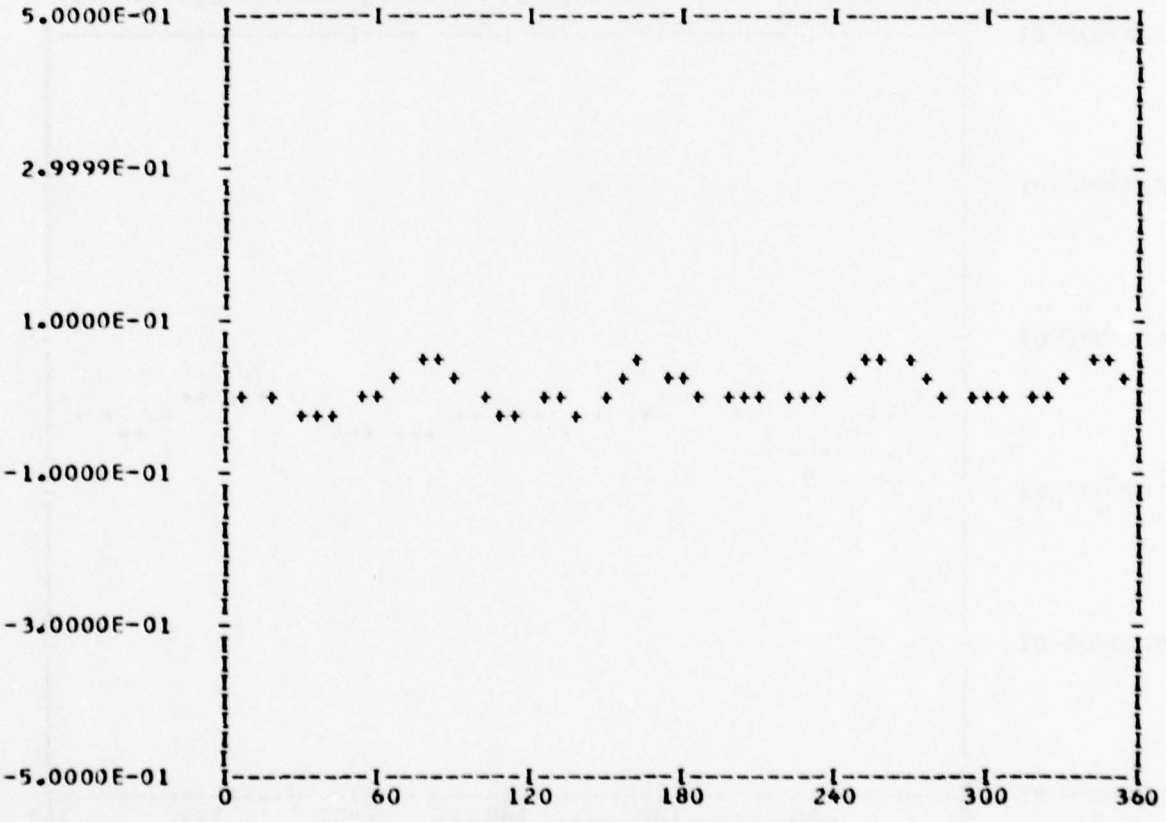
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.92397E-02	1	-0.17958E-02	-0.45067E-02	0.48513E-02	201.7
	2	-0.19615E-02	0.24772E-02	0.31598E-02	321.6
	3	-0.53701E-03	-0.27248E-02	0.27772E-02	191.1
	4	0.62442E-03	-0.27125E-01	0.27132E-01	178.6
	5	0.32303E-03	0.85163E-03	0.91084E-03	20.7
	6	-0.68849E-03	0.22746E-02	0.23765E-02	343.1
	7	-0.11099E-02	0.62092E-03	0.12718E-02	299.2
	8	-0.78236E-02	-0.34459E-03	0.78312E-02	267.4
	9	0.23637E-02	-0.31363E-03	0.23844E-02	97.5
	10	0.32265E-03	0.29847E-02	0.30021E-02	6.1

MAX= 0.49646E-01 MIN=-0.18672E-01 PEAK TO PEAK/2= 0.34159E-01



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

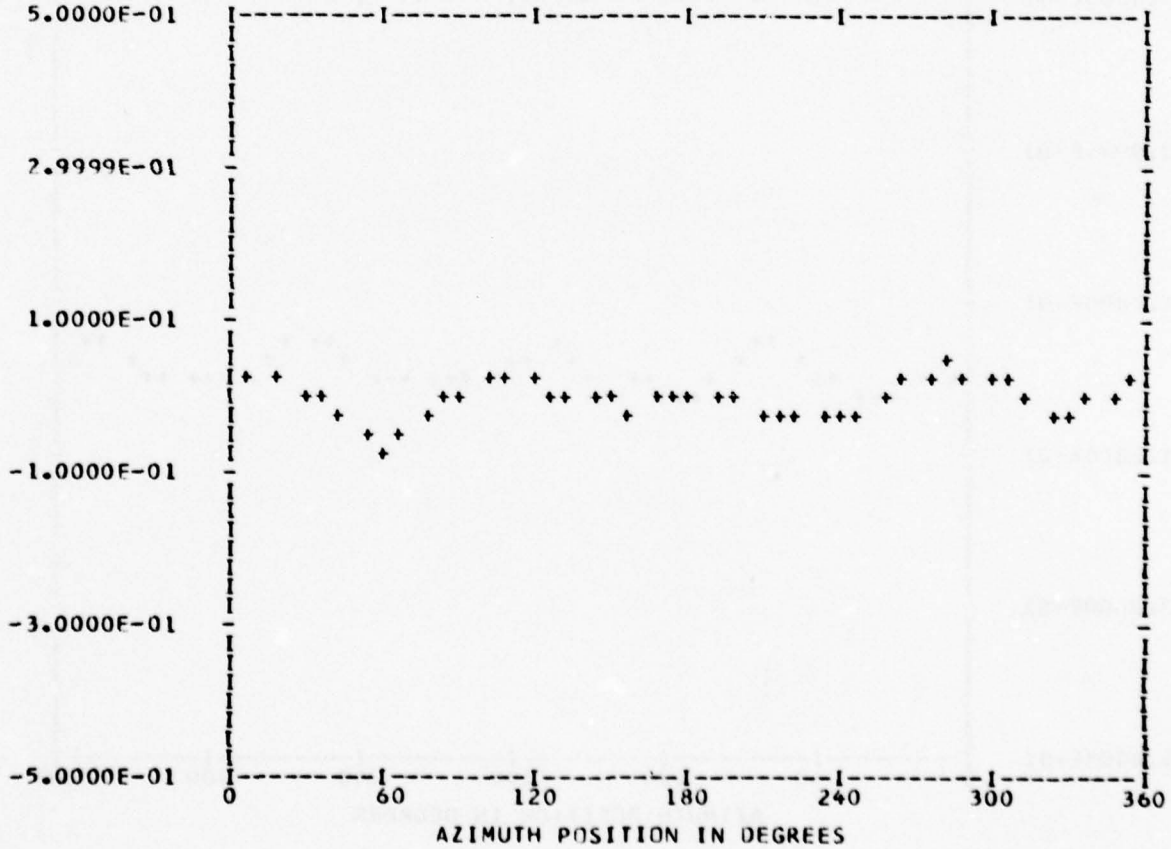
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16698E-02	1	0.46408E-02	-0.98817E-02	0.10917E-01	154.8
	2	-0.18855E-02	-0.15603E-01	0.15717E-01	186.8
	3	0.91682E-02	0.56337E-02	0.10760E-01	58.4
	4	0.20891E-01	0.14580E-01	0.25476E-01	55.0
	5	-0.14611E-04	0.85327E-03	0.85340E-03	359.0
	6	0.13301E-02	-0.14636E-02	0.19777E-02	137.7
	7	-0.15603E-02	-0.31780E-02	0.35404E-02	206.1
	8	0.15855E-02	-0.24075E-02	0.28827E-02	146.6
	9	0.16162E-02	-0.10535E-03	0.16196E-02	93.7
	10	0.10504E-02	0.17220E-02	0.20171E-02	31.3

MAX= 0.47479E-01 MIN=-0.67461E-01 PEAK TO PEAK/2= 0.57470E-01



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

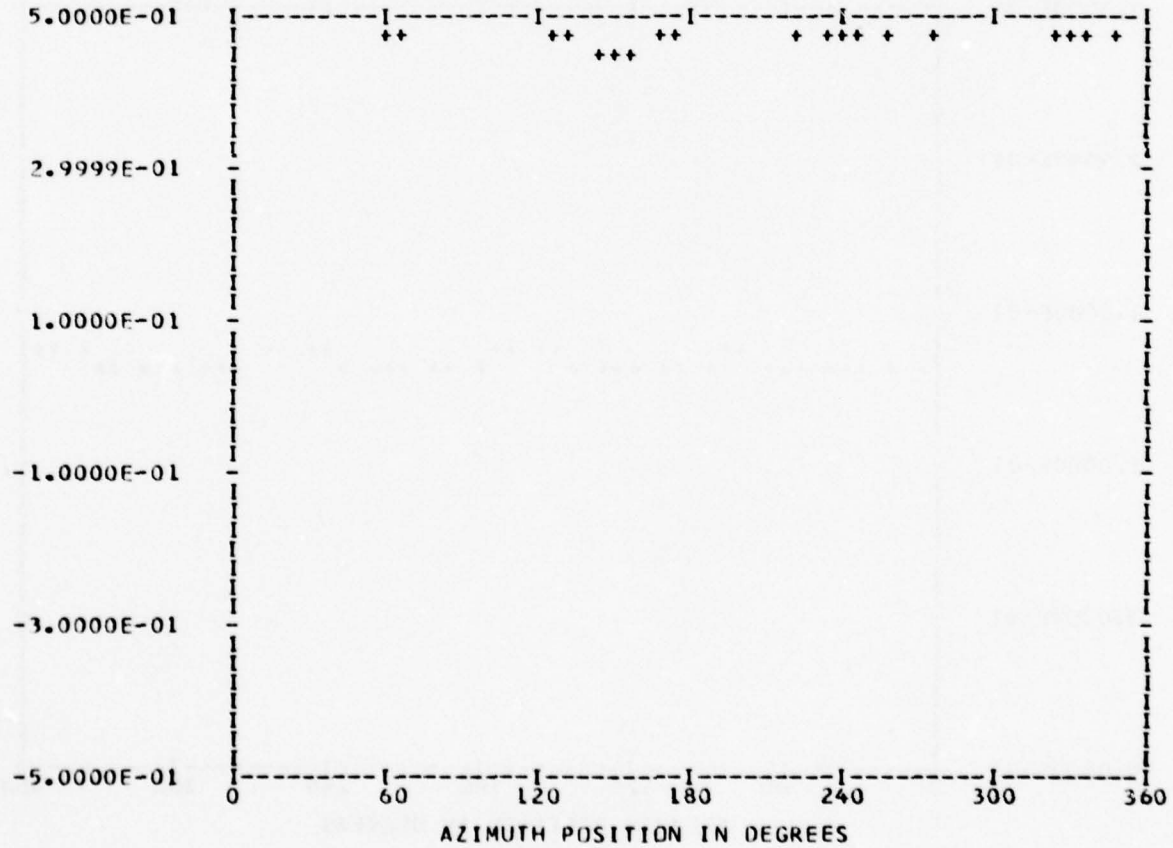
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 17
BANDEDGE 0

RUN 17
TP 2
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.49290E 00	1	0.82452E-02	-0.34187E-02	0.89259E-02	112.5
	2	-0.11116E-02	0.84503E-02	0.85231E-02	352.5
	3	-0.52679E-02	-0.21257E-02	0.56806E-02	248.0
	4	0.18893E-01	0.18257E-01	0.26273E-01	45.9
	5	0.10537E-02	0.80219E-03	0.13243E-02	52.7
	6	0.92215E-03	-0.50138E-03	0.10496E-02	118.5
	7	0.83824E-03	-0.20247E-02	0.21914E-02	157.5
	8	-0.31165E-02	0.15013E-02	0.34593E-02	295.7
	9	0.13578E-02	-0.18504E-03	0.13703E-02	97.7
	10	-0.56224E-03	0.72790E-03	0.91976E-03	322.3

MAX= 0.52935E 00 MIN= 0.44382E 00 PEAK TO PEAK/2= 0.42764E-01



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

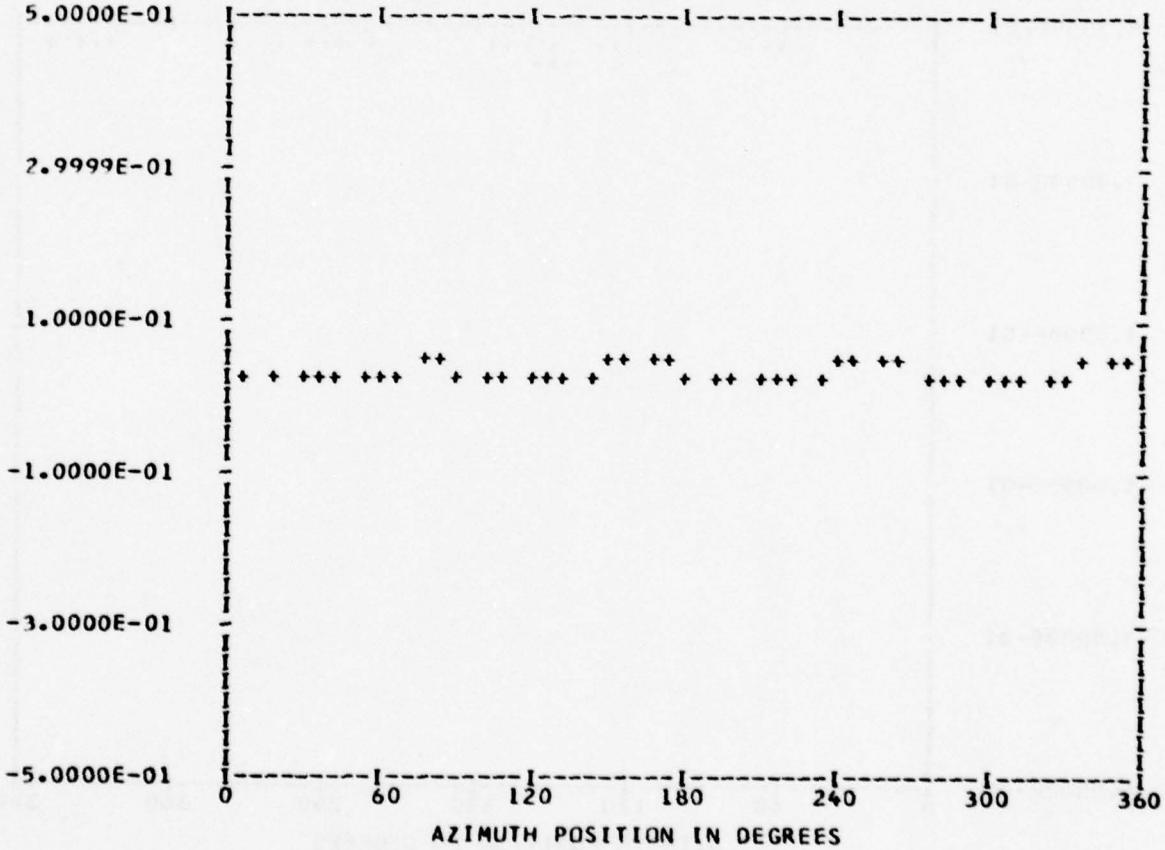
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32654E-01	1	-0.12658E-02	-0.89964E-03	0.15529E-02	234.5
	2	0.21815E-04	-0.43926E-03	0.43980E-03	177.1
	3	0.11543E-02	0.69798E-03	0.13489E-02	58.8
	4	-0.82383E-03	-0.94703E-02	0.95060E-02	184.9
	5	-0.21295E-03	0.72624E-03	0.75682E-03	343.6
	6	-0.48528E-03	0.87814E-03	0.10033E-02	331.0
	7	0.44361E-04	0.31835E-03	0.32142E-03	7.9
	8	-0.15840E-02	-0.11013E-02	0.19292E-02	235.1
	9	0.15968E-03	0.14111E-03	0.21310E-03	48.5
	10	-0.18801E-03	0.57585E-04	0.19663E-03	287.0

MAX= 0.47716E-01 MIN= 0.22102E-01 PEAK TO PEAK/2= 0.12807E-01



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

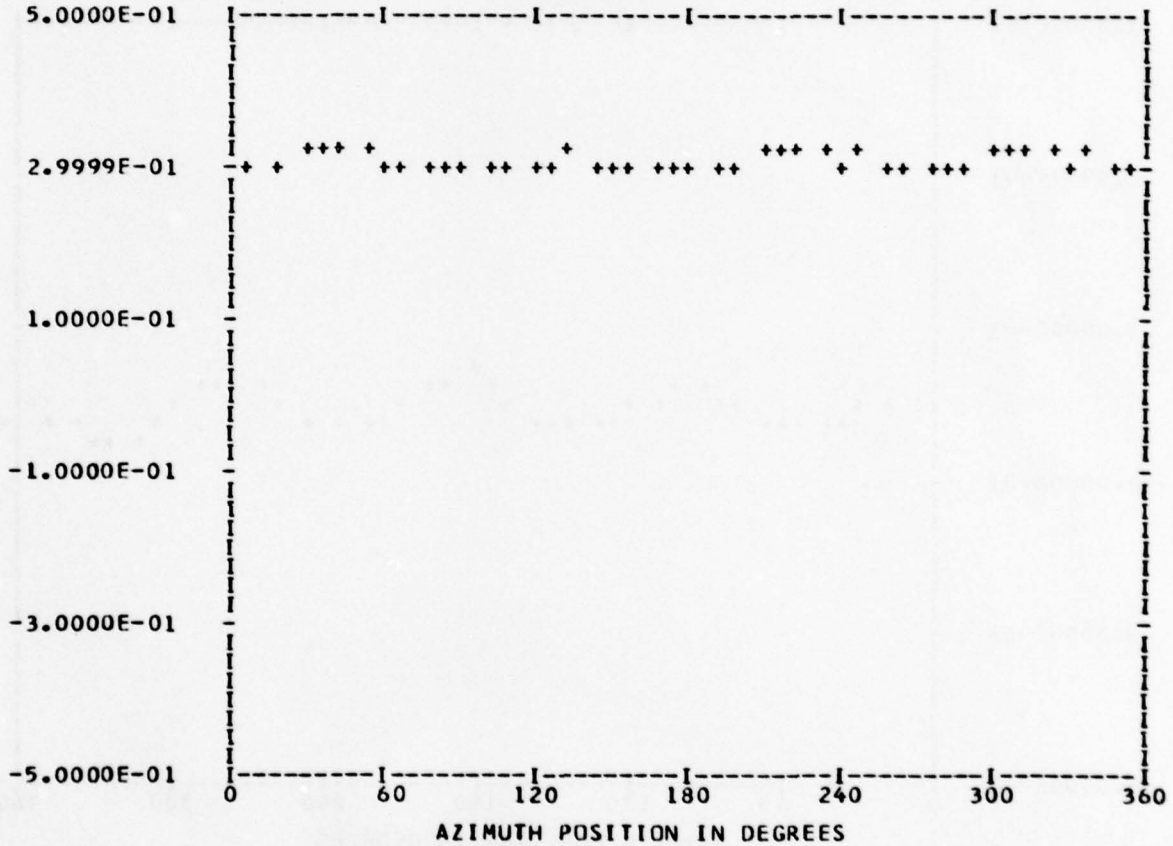
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.31000E 00	1	0.37429E-03	-0.25013E-02	0.25292E-02	171.4
	2	0.82856E-03	-0.11777E-04	0.82864E-03	90.8
	3	-0.10848E-02	0.93818E-04	0.10889E-02	274.9
	4	-0.46692E-02	0.29404E-02	0.55179E-02	302.2
	5	-0.10983E-03	0.91863E-03	0.92518E-03	353.1
	6	-0.45590E-03	-0.79173E-04	0.46272E-03	260.1
	7	-0.13080E-03	-0.30846E-03	0.33505E-03	202.9
	8	-0.29267E-03	-0.10738E-02	0.11130E-02	195.2
	9	0.38298E-04	0.54756E-03	0.54890E-03	4.0
	10	-0.65217E-03	-0.63910E-04	0.65529E-03	264.4

MAX= 0.32190E 00 MIN= 0.30244E 00 PEAK TO PEAK/2= 0.97298E-02



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

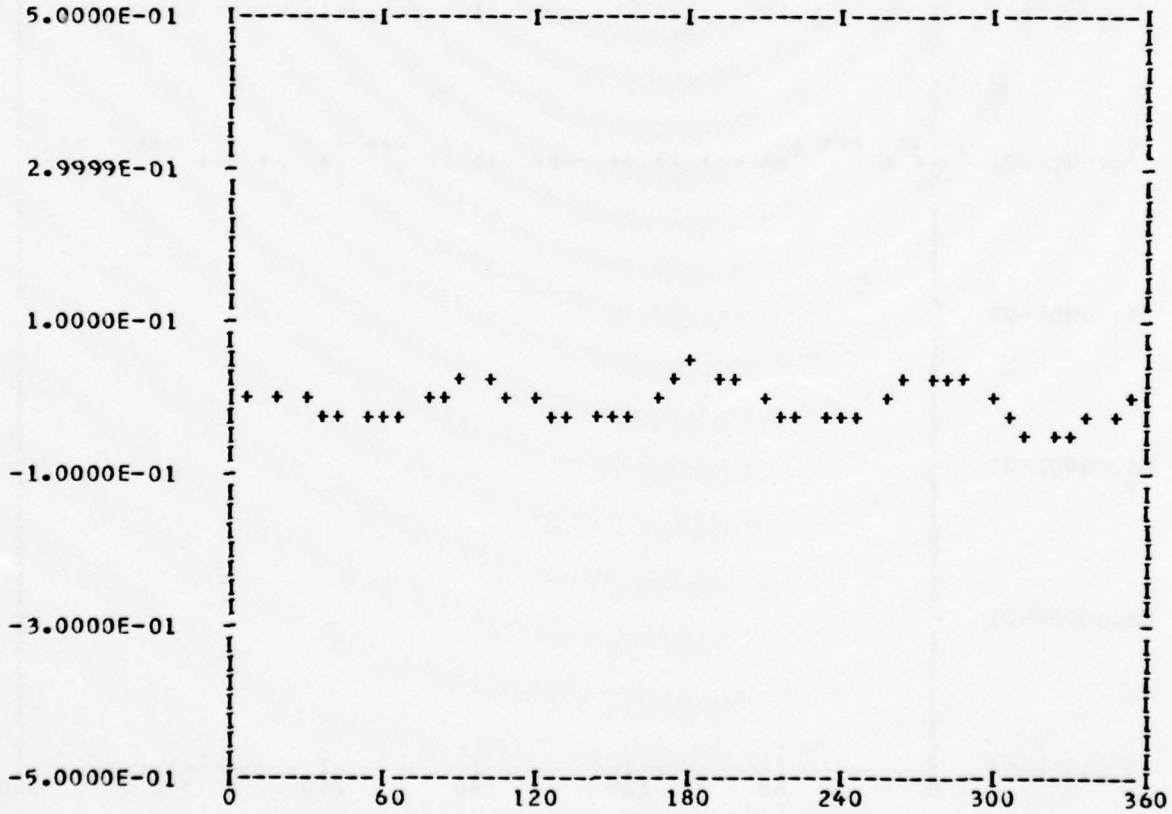
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.76058E-02	1	-0.87599E-02	0.14095E-02	0.88726E-02	279.1
	2	-0.17201E-02	0.65816E-03	0.18417E-02	290.9
	3	-0.10275E-02	0.49934E-02	0.50980E-02	348.3
	4	0.31121E-01	0.57814E-02	0.31654E-01	79.4
	5	-0.11251E-02	-0.10761E-02	0.15569E-02	226.2
	6	0.12349E-02	-0.11480E-02	0.16861E-02	132.9
	7	-0.10285E-02	-0.[illegible]289E-02	0.15272E-02	222.3
	8	0.46855E-02	0.[illegible]26E-03	0.46900E-02	87.4
	9	0.81171E-03	0.[illegible]373E-02	0.19176E-02	25.0
	10	-0.22301E-03	0.56908E-03	0.61121E-03	338.6

MAX= 0.40721E-01 MIN=-0.51894E-01 PEAK TO PEAK/2= 0.46307E-01



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

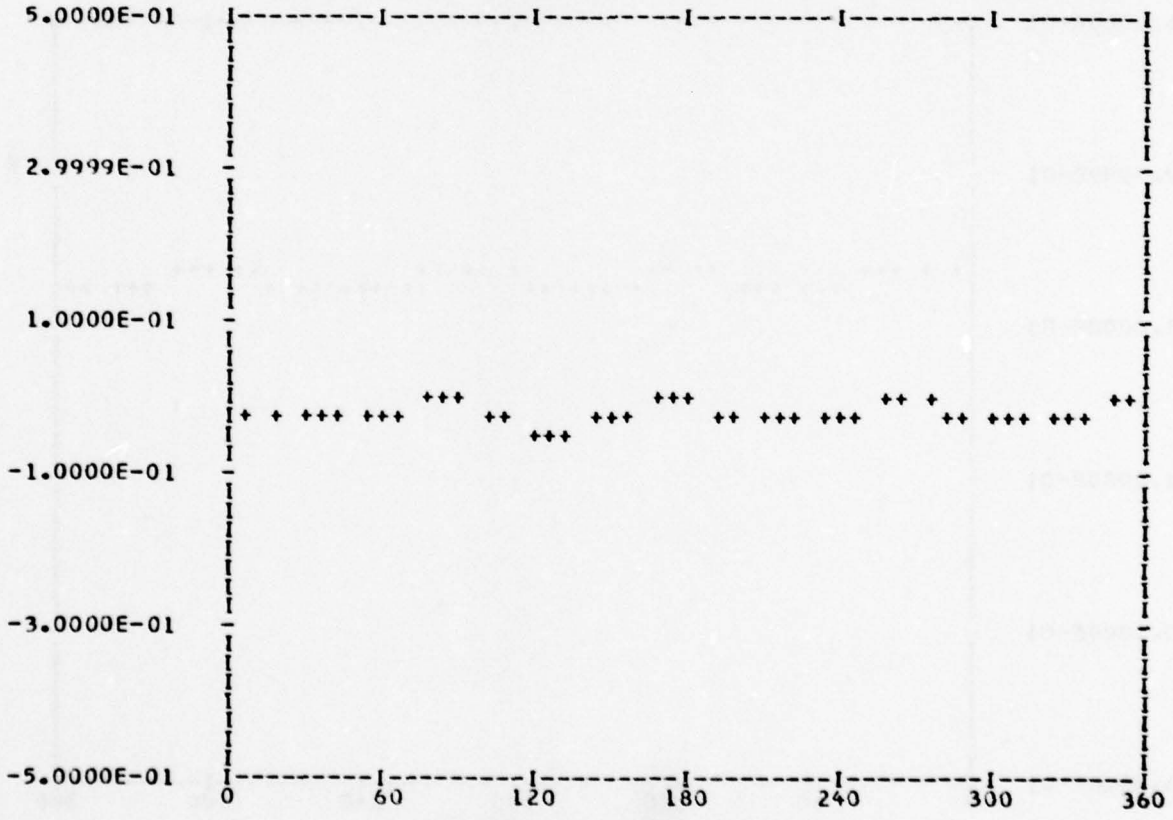
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23274E-01	1	0.13824E-02	-0.23731E-02	0.27464E-02	149.7
	2	0.33846E-03	-0.13860E-03	0.36574E-03	112.2
	3	-0.11969E-02	0.92747E-03	0.15142E-02	307.7
	4	0.79695E-02	-0.15022E-01	0.17005E-01	152.0
	5	0.25962E-03	0.11792E-02	0.12075E-02	12.4
	6	-0.59115E-03	0.24245E-03	0.63894E-03	292.3
	7	0.31771E-04	0.70752E-03	0.70824E-03	2.5
	8	-0.18131E-02	-0.53261E-02	0.56263E-02	198.7
	9	0.44083E-03	0.48045E-03	0.65205E-03	42.5
	10	-0.44128E-03	-0.20433E-03	0.48629E-03	245.1

MAX= 0.49836E-02 MIN=-0.42492E-01 PEAK TO PEAK/2= 0.23737E-01



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

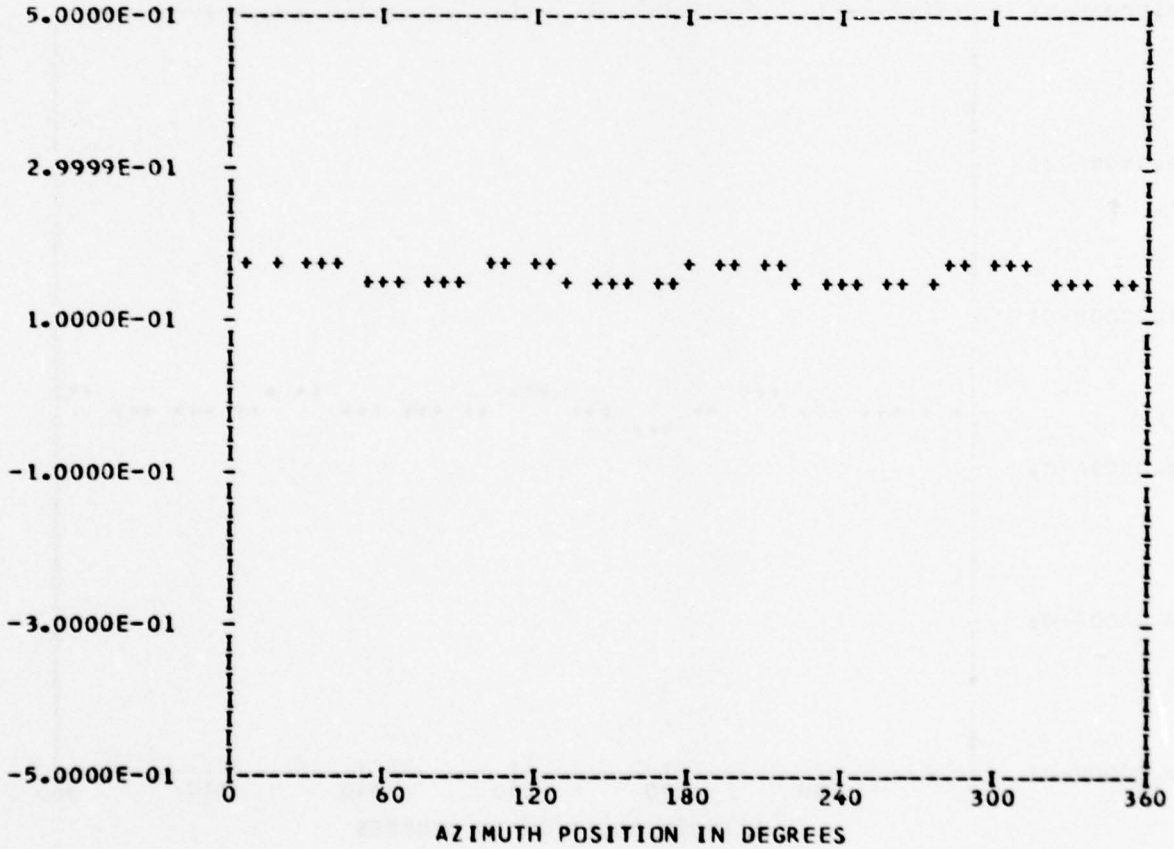
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 17
TP 2
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.16143E 00	1	0.96609E-03	-0.44375E-03	0.10631E-02	114.6
	2	0.72762E-03	-0.11370E-02	0.13499E-02	147.3
	3	-0.18738E-02	0.12891E-03	0.18782E-02	273.9
	4	0.51348E-02	0.11762E-01	0.12834E-01	23.5
	5	0.37892E-03	0.12117E-02	0.12695E-02	17.3
	6	0.87489E-04	0.34177E-03	0.35279E-03	14.3
	7	-0.56970E-04	-0.26906E-03	0.27502E-03	191.9
	8	-0.66518E-03	0.16251E-02	0.17560E-02	337.7
	9	-0.32210E-03	0.80241E-03	0.86464E-03	338.1
	10	-0.32649E-03	0.28907E-03	0.43607E-03	311.5

MAX= 0.18090E 00 MIN= 0.14851E 00 PEAK TO PEAK/2= 0.16195E-01



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

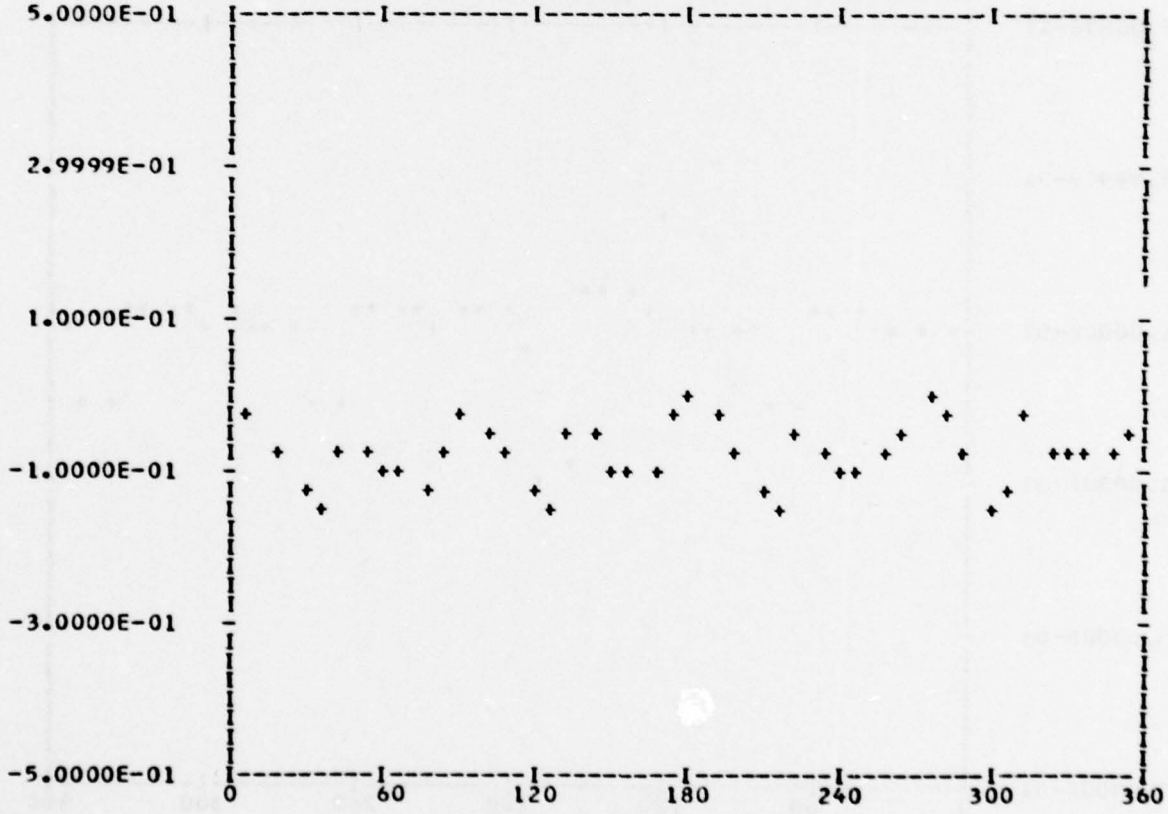
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.74520E-01	1	-0.16547E-02	-0.78901E-02	0.80617E-02	191.8
	2	0.56758E-02	-0.61333E-02	0.83566E-02	137.2
	3	0.45179E-02	-0.40042E-03	0.45356E-02	95.0
	4	0.21872E-01	-0.19091E-01	0.29032E-01	131.1
	5	-0.24889E-02	0.10766E-02	0.27117E-02	293.3
	6	-0.10278E-02	0.39467E-03	0.11010E-02	291.0
	7	0.27188E-02	-0.98102E-03	0.28904E-02	109.8
	8	0.38279E-01	-0.23949E-01	0.45154E-01	122.0
	9	-0.25020E-02	0.15068E-02	0.29207E-02	301.0
	10	-0.34200E-02	0.14455E-02	0.37129E-02	292.9

MAX=-0.34883E-03 MIN=-0.15300E 00 PEAK TO PEAK/2= 0.76325E-01



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

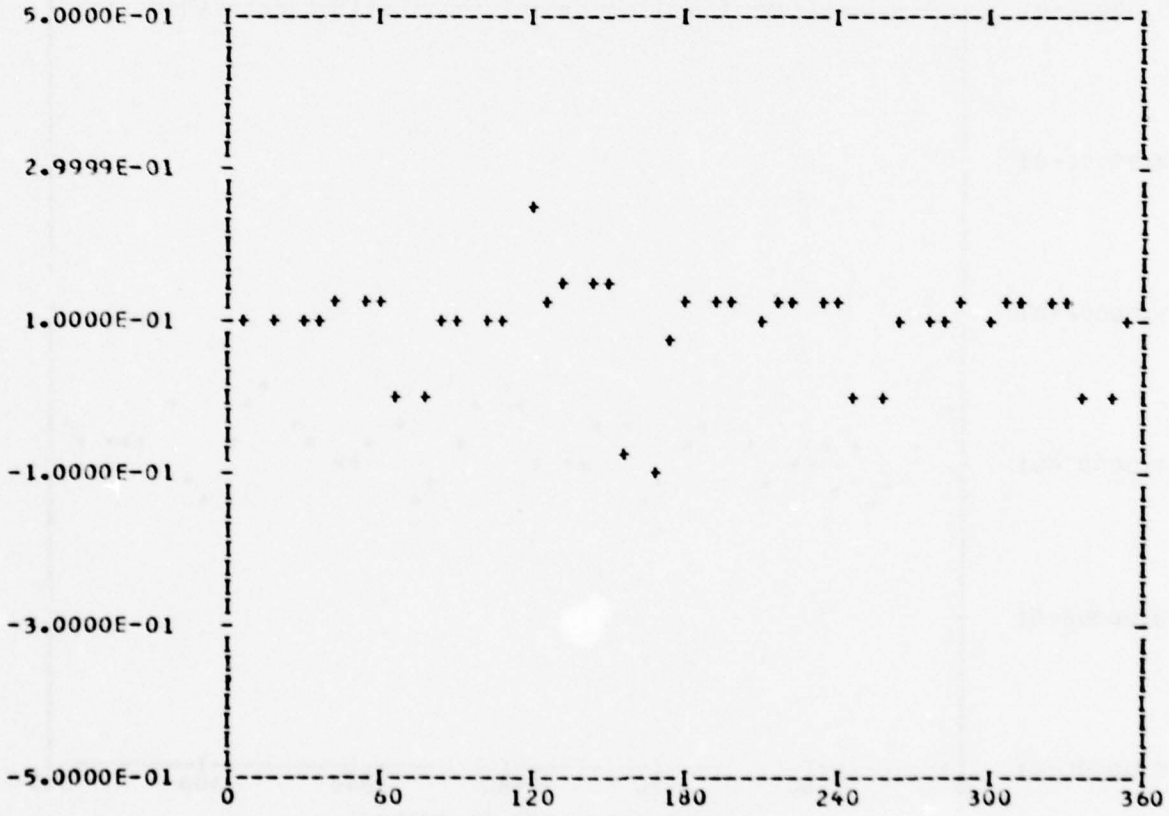
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.96115E-01	1	-0.75503E-03	0.38999E-02	0.39723E-02	349.0
	2	-0.83120E-02	-0.16928E-02	0.84826E-02	258.4
	3	0.88081E-02	-0.88953E-02	0.12518E-01	135.2
	4	-0.15782E-01	0.53914E-01	0.56176E-01	343.6
	5	-0.72511E-02	-0.13507E-01	0.15330E-01	208.2
	6	0.10743E-01	0.48755E-02	0.11798E-01	65.5
	7	-0.54493E-02	-0.81113E-03	0.55093E-02	261.5
	8	0.43214E-01	0.36456E-02	0.43368E-01	85.1
	9	-0.58899E-02	-0.33690E-02	0.67853E-02	240.2
	10	0.10425E-01	0.17489E-02	0.10570E-01	80.4

MAX= 0.24944E 00 MIN=-0.10529E 00 PEAK TO PEAK/2= 0.17737E 00



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

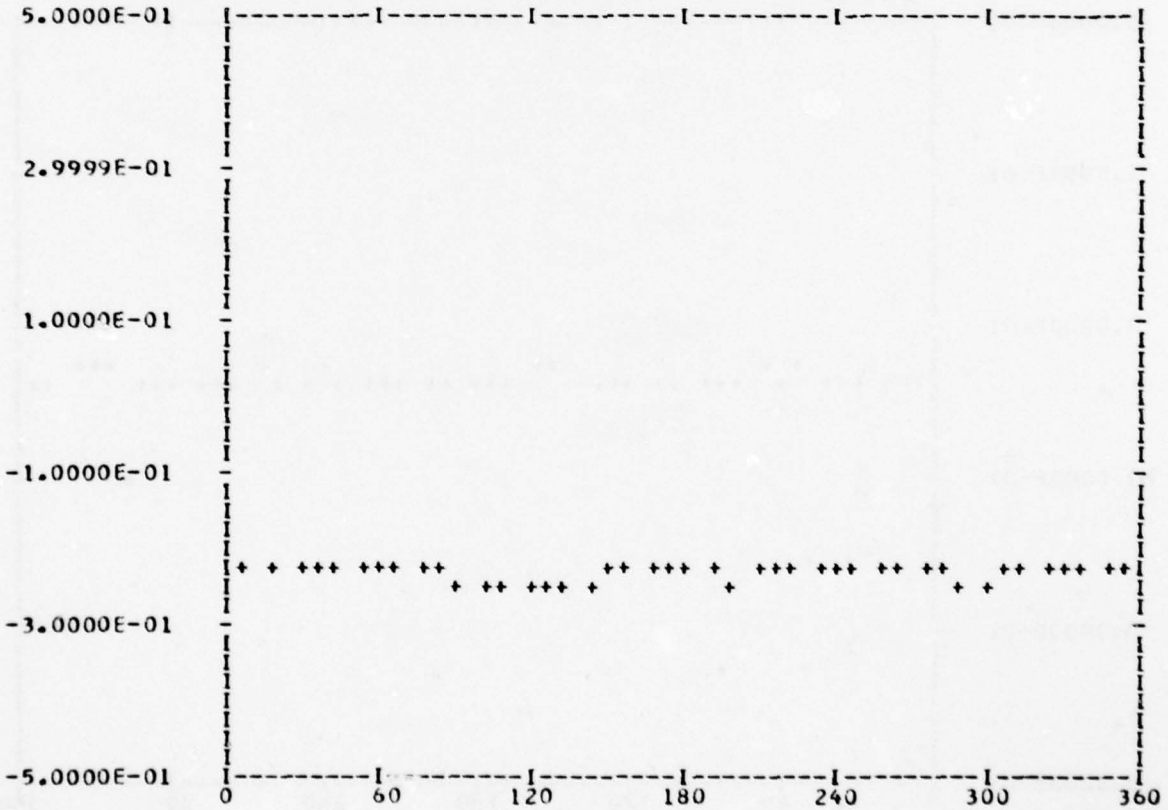
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23241E 00	1	0.30770E-02	-0.30038E-02	0.43002E-02	134.3
	2	0.29245E-02	0.88435E-03	0.30553E-02	73.1
	3	-0.23586E-02	-0.55209E-03	0.24224E-02	256.8
	4	-0.26554E-02	-0.48449E-02	0.55249E-02	208.7
	5	0.45975E-03	0.73232E-03	0.86467E-03	32.1
	6	0.39528E-03	0.41106E-03	0.57028E-03	43.8
	7	-0.63497E-04	-0.23655E-03	0.24493E-03	195.0
	8	0.30950E-03	0.40304E-03	0.50817E-03	37.5
	9	-0.19064E-02	-0.88957E-03	0.21037E-02	244.9
	10	-0.52444E-03	-0.69832E-03	0.87332E-03	216.9

MAX=-0.22171E 00 MIN=-0.25076E 00 PEAK TO PEAK/2= 0.14522E-01



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

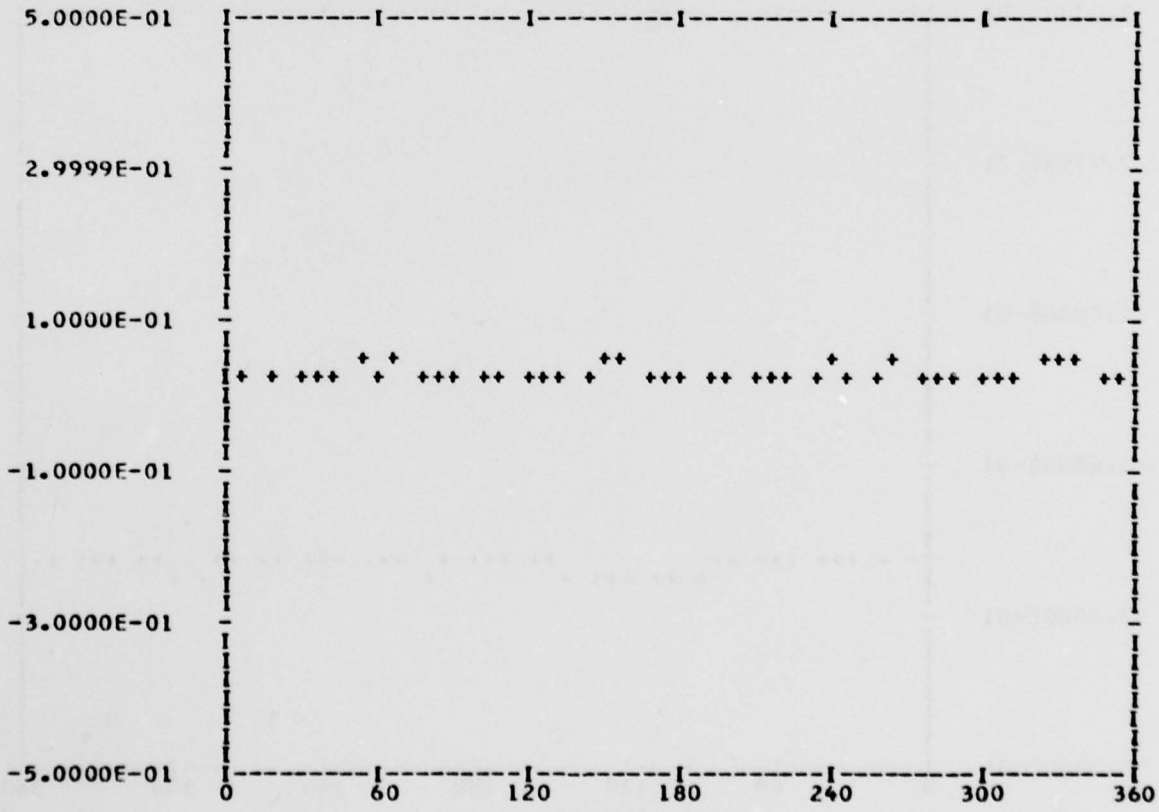
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.29825E-01	1	-0.29559E-03	-0.35464E-02	0.35587E-02	184.7
	2	0.95772E-03	-0.13886E-02	0.16869E-02	145.4
	3	-0.24051E-02	0.47878E-03	0.24523E-02	281.2
	4	-0.25685E-02	-0.68619E-02	0.73269E-02	200.5
	5	-0.15710E-02	-0.25414E-03	0.15914E-02	260.8
	6	-0.44188E-03	-0.64016E-03	0.77786E-03	214.6
	7	0.26088E-02	-0.93705E-03	0.27720E-02	109.7
	8	0.47568E-03	0.35739E-02	0.36054E-02	7.5
	9	-0.43927E-03	0.22552E-03	0.49378E-03	297.1
	10	0.76708E-03	-0.51940E-03	0.92639E-03	124.1

MAX= 0.43852E-01 MIN= 0.14228E-01 PEAK TO PEAK/2= 0.14811E-01



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

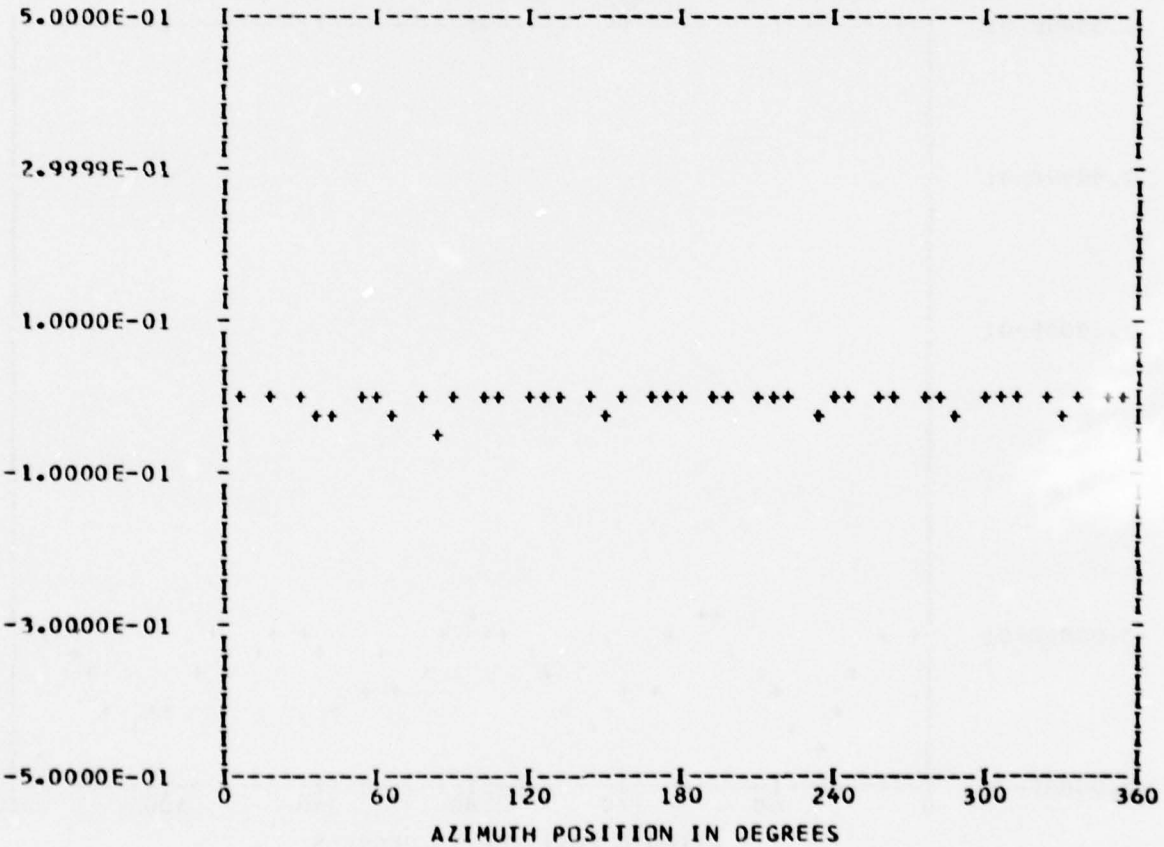
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.70135E-02	1	-0.39058E-02	-0.16230E-02	0.42295E-02	247.4
	2	0.18842E-02	-0.18415E-02	0.26347E-02	134.3
	3	0.28557E-02	-0.61130E-03	0.29204E-02	102.0
	4	0.16902E-02	0.67514E-03	0.18200E-02	68.2
	5	-0.24300E-02	-0.42260E-03	0.24665E-02	260.1
	6	0.28113E-02	-0.22500E-02	0.36008E-02	128.6
	7	0.47716E-02	-0.23480E-02	0.53180E-02	116.2
	8	0.10367E-03	0.14977E-03	0.18215E-03	34.6
	9	-0.17863E-02	0.34527E-02	0.38875E-02	332.6
	10	-0.45323E-02	0.36715E-02	0.58328E-02	309.0

MAX=-0.38822E-03 MIN=-0.53230E-01 PEAK TO PEAK/2= 0.26420E-01



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

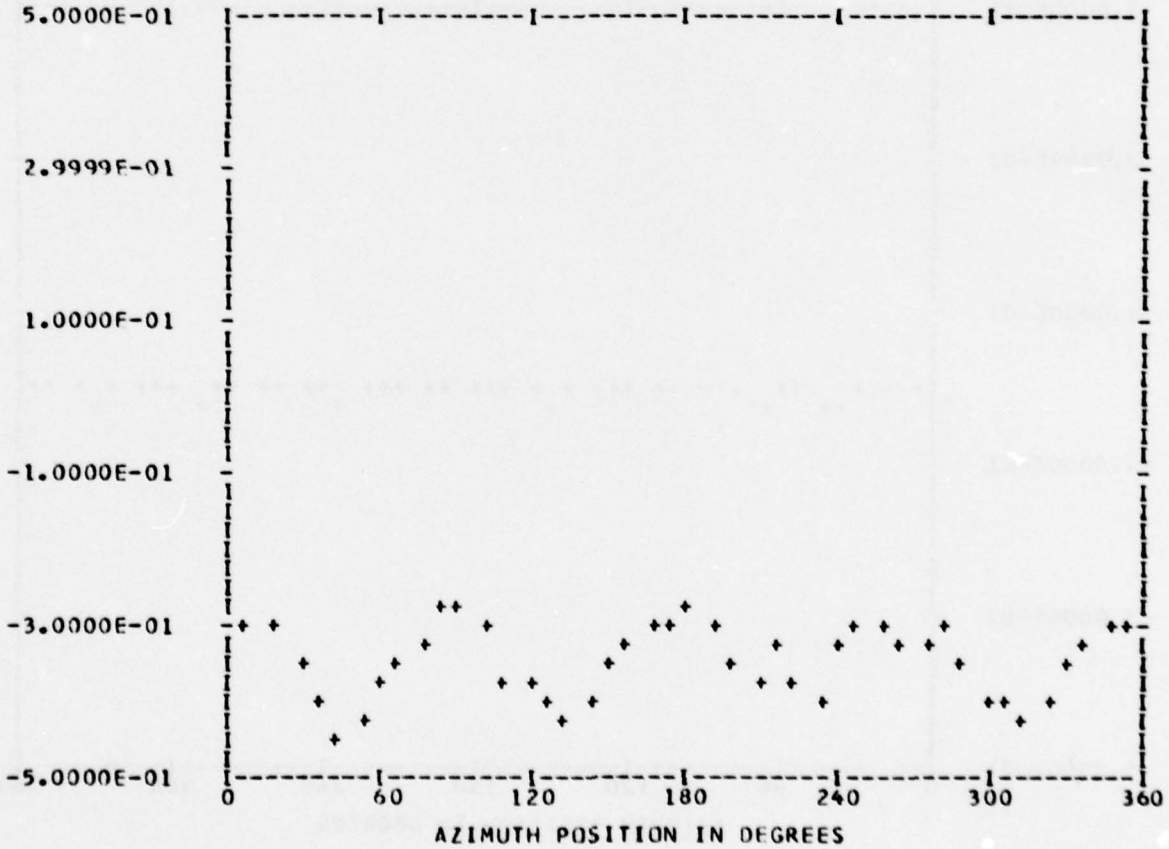
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.34542E 00	1	-0.88435E-02	-0.38500E-02	0.96453E-02	246.4
	2	0.94387E-02	0.11130E-02	0.95041E-02	83.2
	3	0.44917E-02	-0.78916E-02	0.90804E-02	150.3
	4	0.36113E-01	-0.44132E-01	0.57024E-01	140.7
	5	0.81964E-02	0.78795E-02	0.11369E-01	46.1
	6	-0.23811E-02	0.68778E-02	0.72784E-02	340.9
	7	-0.11731E-02	0.66082E-02	0.67115E-02	349.9
	8	0.26498E-02	0.43802E-02	0.51194E-02	31.1
	9	0.65944E-02	0.37605E-02	0.75913E-02	60.3
	10	-0.94096E-03	-0.11970E-02	0.15226E-02	218.1

MAX=-0.27244E 00 MIN=-0.43831E 00 PEAK TO PEAK/2= 0.82935E-01



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

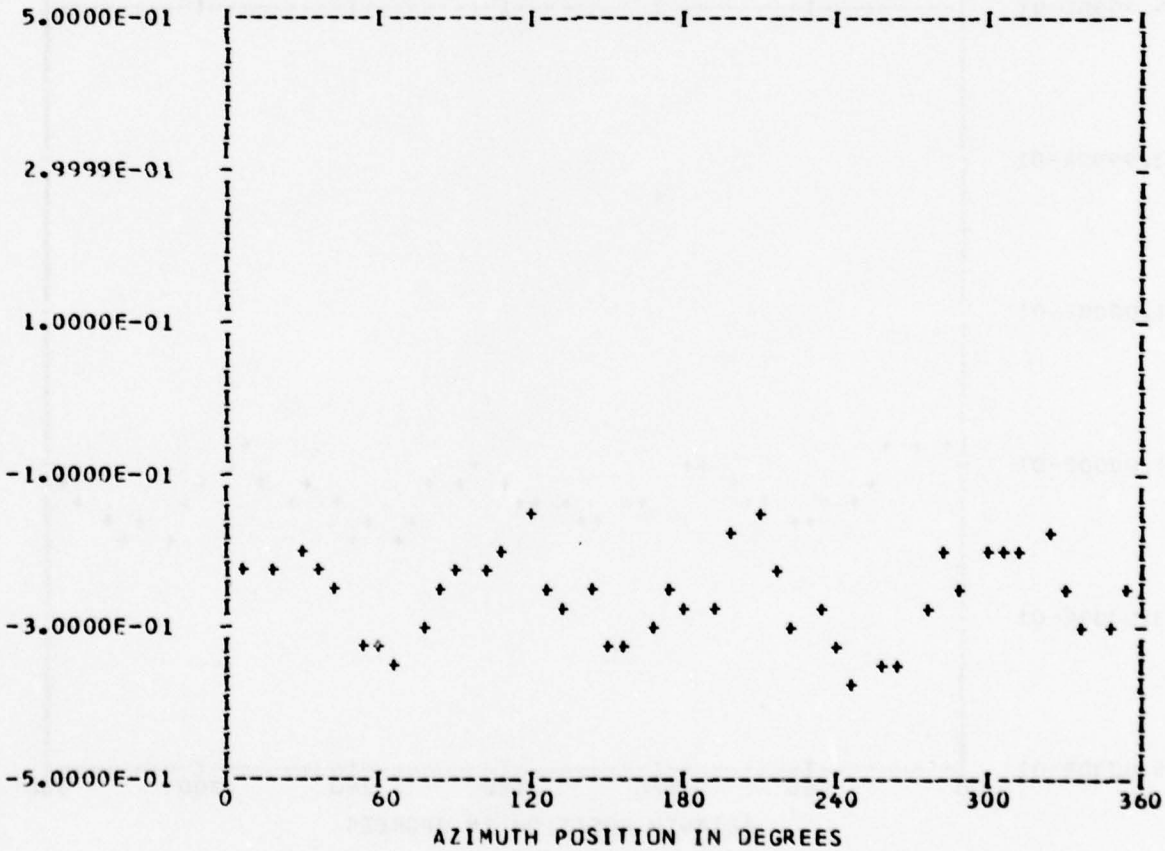
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25767E 00	1	0.85345E-02	0.16113E-02	0.86853E-02	79.3
	2	0.63477E-02	-0.18825E-01	0.19866E-01	161.3
	3	-0.61396E-02	-0.18383E-01	0.19381E-01	198.4
	4	0.10924E-01	0.58902E-01	0.59907E-01	10.5
	5	-0.45352E-03	0.73702E-02	0.73841E-02	356.4
	6	-0.12045E-01	0.63928E-02	0.13636E-01	297.9
	7	-0.14171E-02	0.54605E-02	0.56414E-02	345.4
	8	-0.68115E-04	-0.14341E-02	0.14357E-02	182.7
	9	0.12367E-01	-0.76976E-02	0.14567E-01	121.8
	10	-0.41377E-02	-0.90909E-02	0.99882E-02	204.4

MAX=-0.15460E 00 MIN=-0.36596E 00 PEAK TC PEAK/2= 0.10567E 00



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

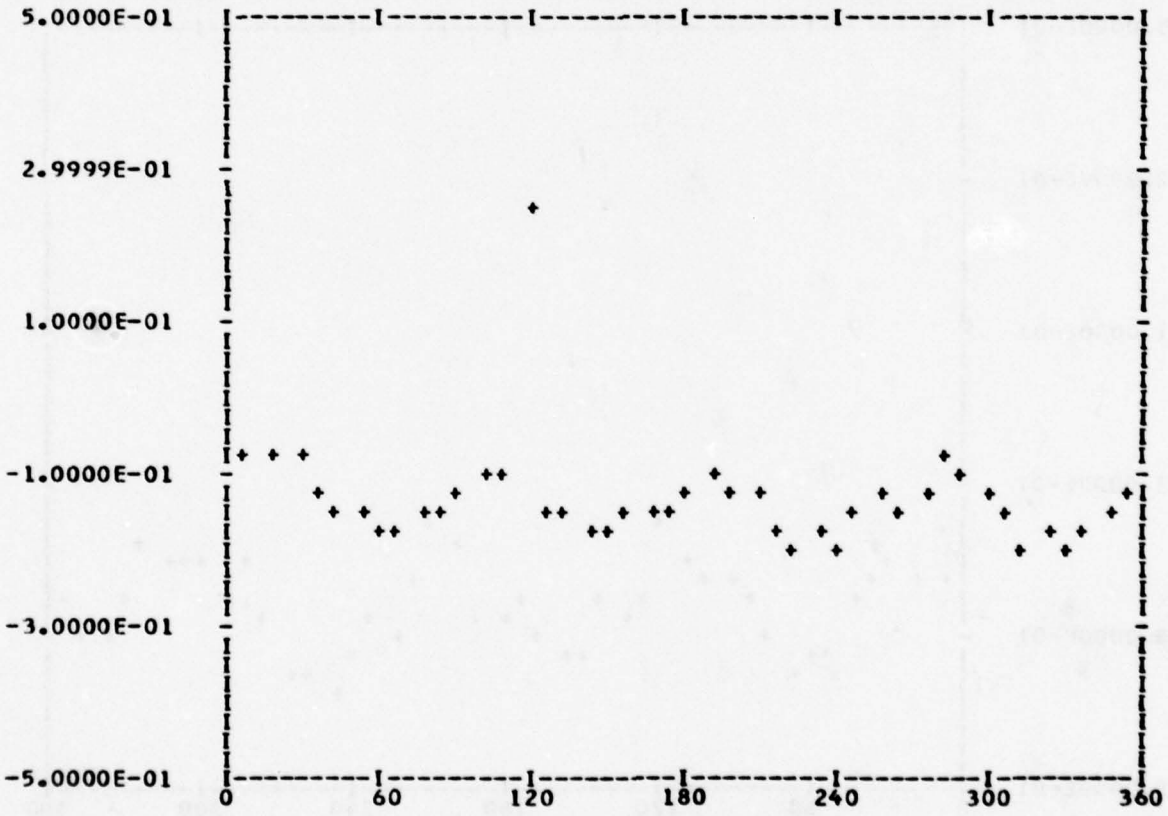
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13420E 00	1	0.27104E-02	0.20971E-01	0.21145E-01	7.3
	2	-0.12531E-01	-0.78497E-02	0.14787E-01	237.9
	3	0.21348E-01	0.80545E-03	0.21363E-01	87.8
	4	0.43567E-01	0.28600E-01	0.52116E-01	56.7
	5	-0.19240E-01	0.48619E-02	0.19845E-01	284.1
	6	0.73080E-02	-0.14996E-01	0.16682E-01	154.0
	7	0.10002E-01	0.95889E-02	0.13856E-01	46.2
	8	-0.16150E-01	0.20529E-01	0.26120E-01	321.8
	9	-0.25611E-02	-0.13261E-01	0.13506E-01	190.9
	10	0.14935E-01	0.17697E-02	0.15040E-01	83.2

MAX= 0.26141E 00 MIN=-0.20311E 00 PEAK TO PEAK/2= 0.23226E 00



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

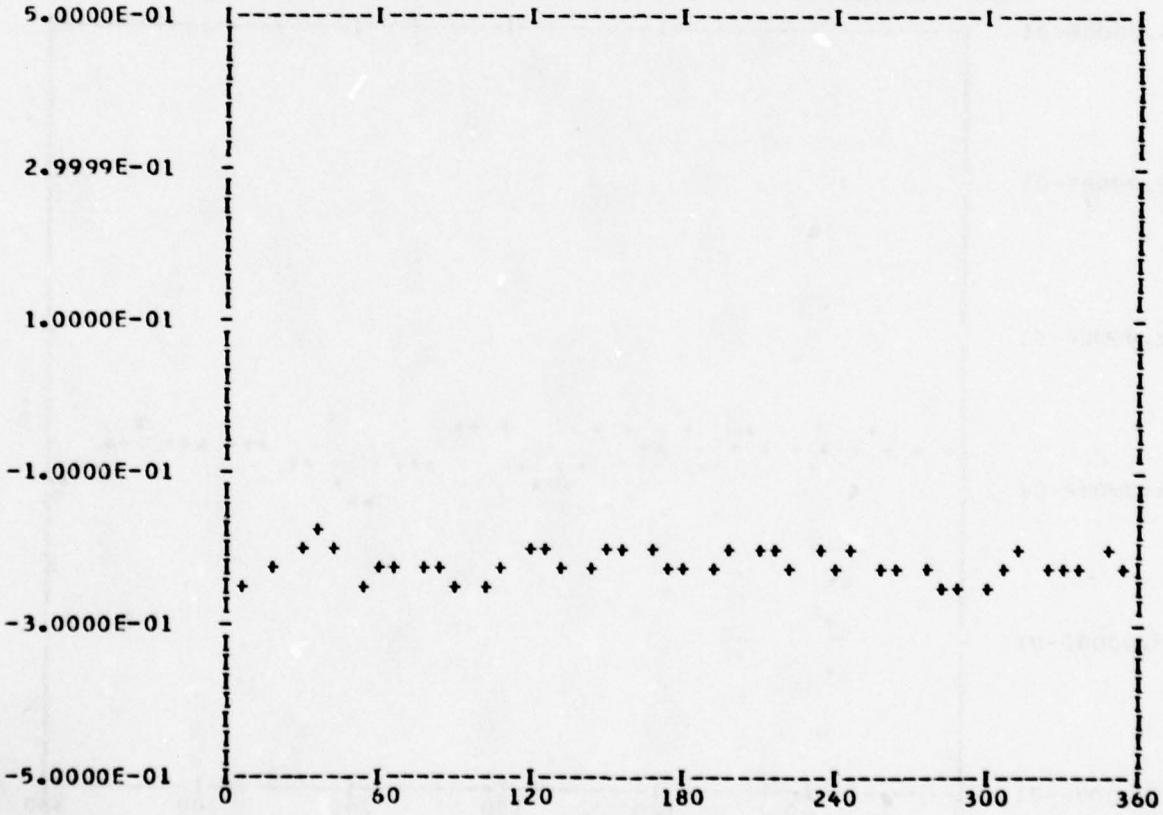
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21922E 00	1	-0.51801E-02	0.42425E-02	0.66957E-02	309.3
	2	0.67309E-02	-0.15341E-03	0.67327E-02	91.3
	3	0.22422E-02	-0.55442E-03	0.23097E-02	103.8
	4	-0.12171E-01	0.64041E-03	0.12188E-01	273.0
	5	-0.67680E-02	0.23468E-02	0.71633E-02	289.1
	6	-0.16638E-02	0.76532E-04	0.16655E-02	272.6
	7	0.57171E-03	-0.16881E-02	0.17823E-02	161.2
	8	-0.10527E-01	-0.59900E-02	0.12112E-01	240.3
	9	0.83892E-03	-0.82742E-02	0.83166E-02	174.2
	10	-0.86747E-03	-0.42142E-03	0.96442E-03	244.0

MAX=-0.18342E 00 MIN=-0.25879E 00 PEAK TO PEAK/2= 0.37682E-01



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

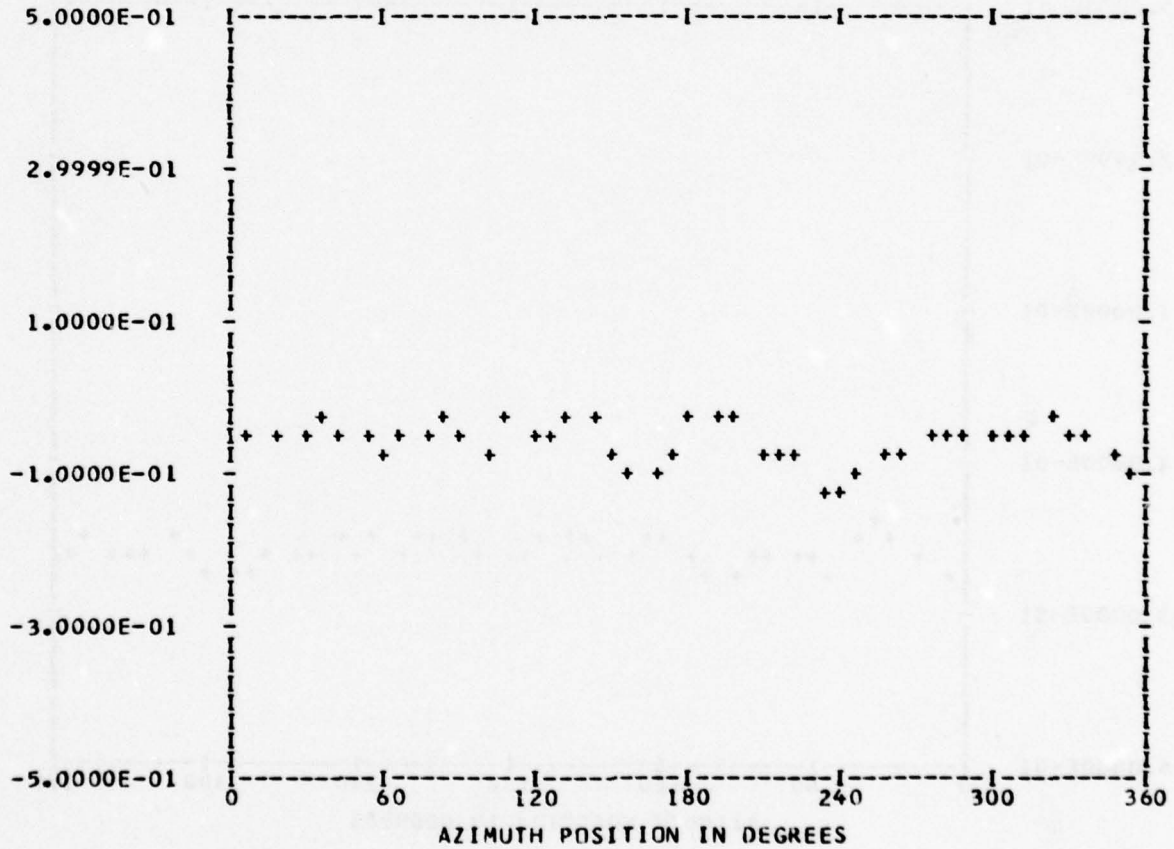
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.58267E-01	1	0.78678E-02	0.92461E-02	0.12140E-01	40.3
	2	-0.15483E-02	-0.77224E-02	0.78761E-02	191.3
	3	-0.11169E-01	0.37879E-02	0.11794E-01	288.7
	4	0.10526E-01	0.10737E-01	0.15036E-01	44.4
	5	-0.11796E-01	-0.26785E-02	0.12096E-01	257.2
	6	0.57062E-02	0.11171E-01	0.12544E-01	27.0
	7	-0.53548E-02	0.24628E-02	0.58941E-02	294.6
	8	0.56303E-02	-0.54311E-02	0.78229E-02	133.9
	9	0.30061E-03	0.12634E-02	0.12986E-02	13.3
	10	0.26920E-02	-0.48258E-02	0.55259E-02	150.8

MAX=-0.13310E-01 MIN=-0.12629E 00 PEAK TO PEAK/2= 0.56491E-01



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

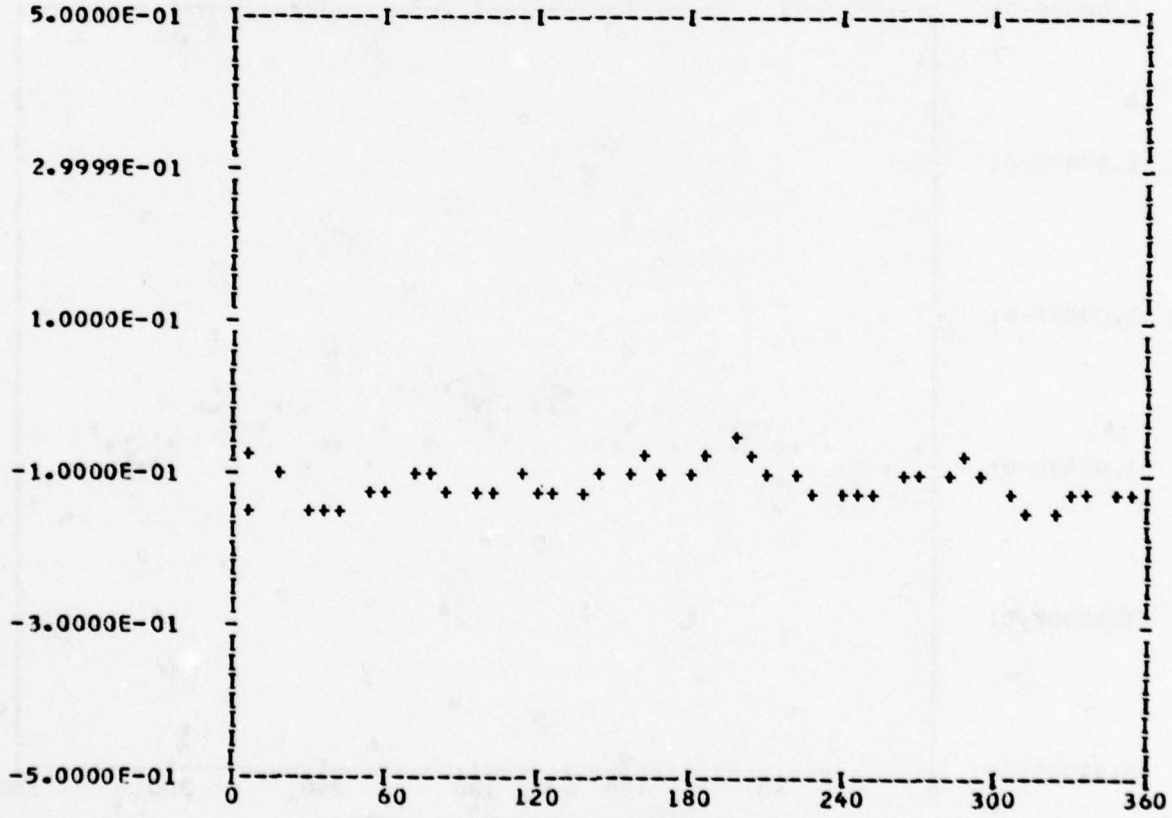
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11393E 00	1	-0.16160E-01	-0.53283E-02	0.17016E-01	251.7
	2	0.65487E-02	-0.33680E-02	0.73640E-02	117.2
	3	-0.97956E-02	0.14660E-02	0.99047E-02	278.5
	4	0.17123E-01	0.26285E-02	0.17324E-01	81.2
	5	0.89417E-02	-0.84005E-02	0.12268E-01	133.2
	6	0.20493E-02	0.84312E-03	0.22159E-02	67.6
	7	-0.23605E-03	0.42467E-02	0.42533E-02	356.8
	8	-0.90812E-02	0.11527E-01	0.14674E-01	321.7
	9	-0.71027E-03	0.17860E-02	0.19220E-02	338.3
	10	0.47011E-03	0.58392E-02	0.58581E-02	4.6

MAX=-0.48168E-01 MIN=-0.15991E 00 PEAK TO PEAK/2= 0.55873E-01



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

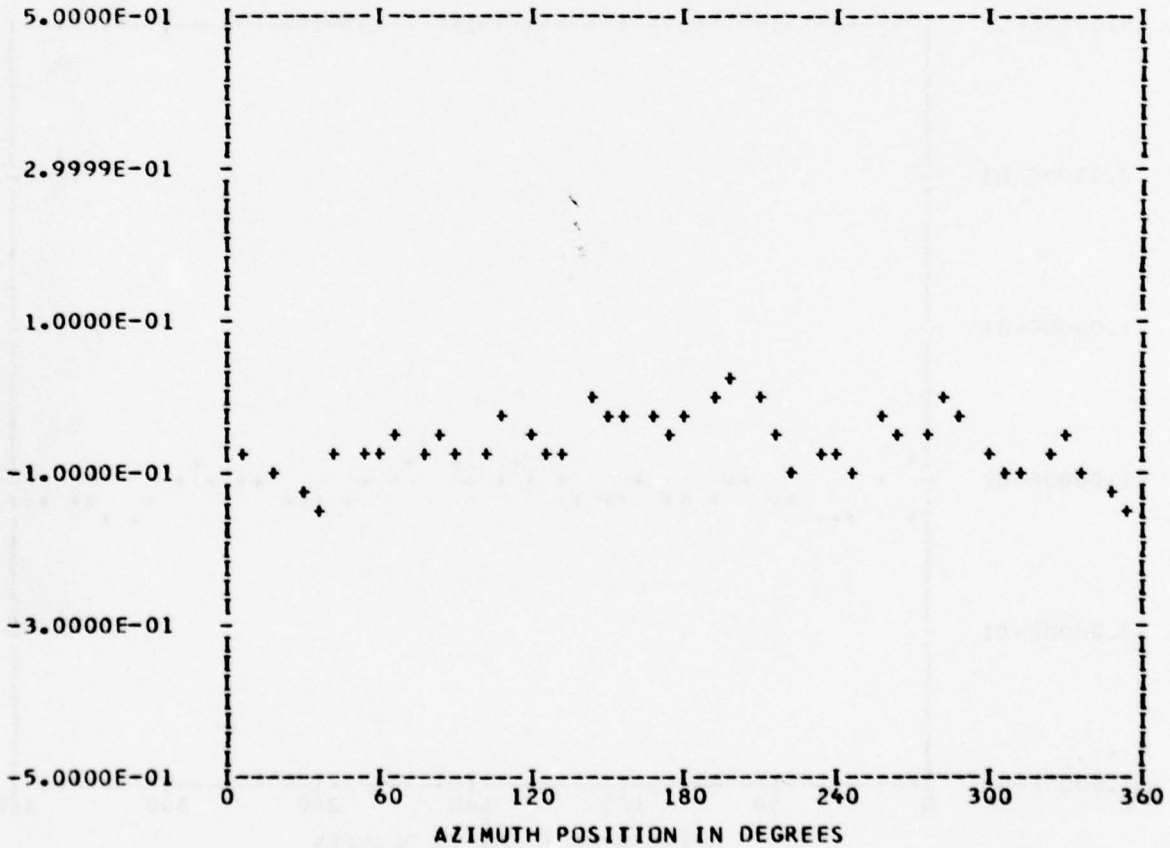
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.62171E-01	1	-0.32258E-01	0.20746E-02	0.32325E-01	273.6
	2	-0.36587E-02	-0.69182E-02	0.78261E-02	207.8
	3	-0.14167E-01	0.49994E-02	0.15024E-01	289.4
	4	0.13396E-01	-0.79913E-03	0.13420E-01	93.4
	5	0.26983E-02	-0.12237E-01	0.12531E-01	167.5
	6	-0.33221E-02	0.91318E-02	0.97173E-02	340.0
	7	0.75664E-02	0.12665E-02	0.76717E-02	80.4
	8	0.27887E-02	0.18943E-01	0.19147E-01	8.3
	9	0.12616E-01	0.31644E-03	0.12620E-01	88.5
	10	0.11857E-01	0.68480E-03	0.11877E-01	86.6

MAX= 0.16171E-01 MIN=-0.14429E 00 PEAK TO PEAK/2= 0.80232E-01



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

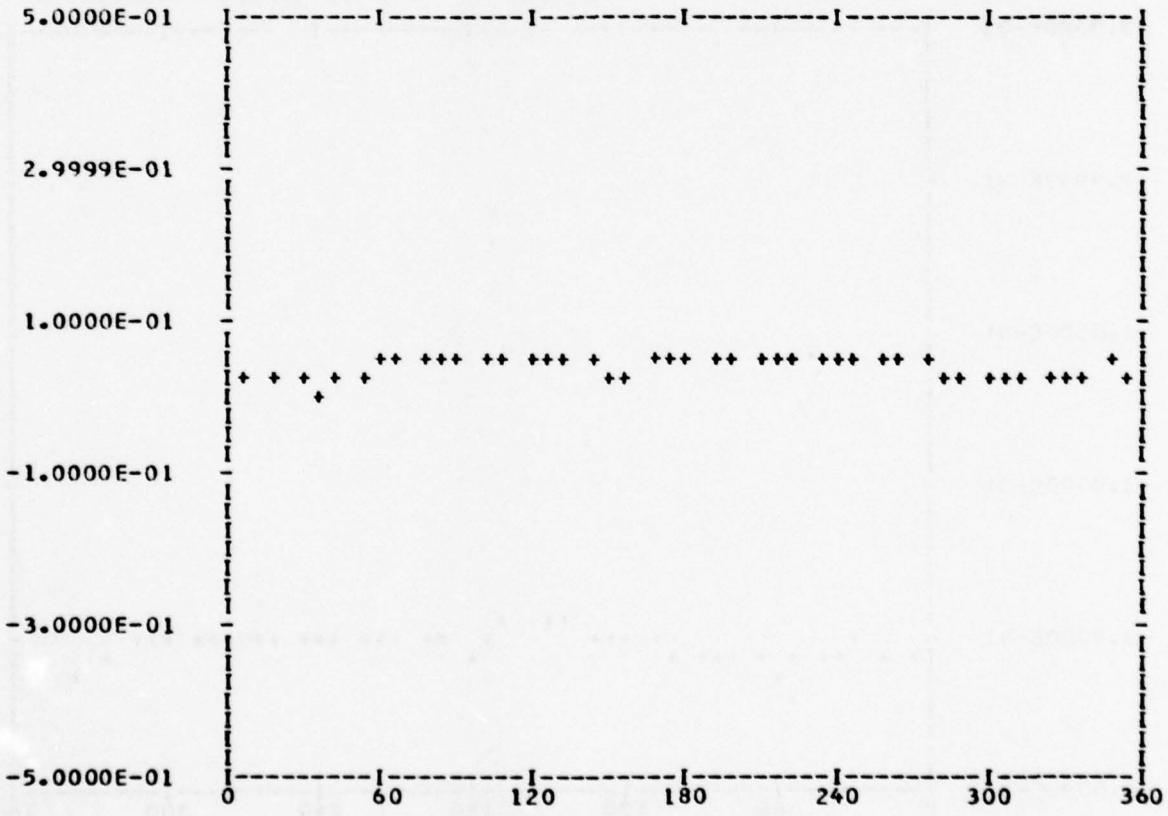
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.38533E-01	1	-0.85360E-02	0.55824E-02	0.10199E-01	303.1
	2	-0.52407E-02	0.14419E-02	0.54354E-02	285.3
	3	0.13004E-03	-0.87247E-02	0.87256E-02	179.1
	4	0.47675E-02	-0.50724E-02	0.69613E-02	136.7
	5	-0.99347E-03	-0.22372E-02	0.24478E-02	203.9
	6	0.15002E-02	-0.37561E-03	0.15465E-02	104.0
	7	0.97945E-03	0.10592E-02	0.14427E-02	42.7
	8	0.10942E-02	0.17734E-02	0.20838E-02	31.6
	9	-0.23658E-03	0.48898E-03	0.54321E-03	334.1
	10	-0.85658E-03	-0.47473E-03	0.97934E-03	241.0

MAX= 0.62164E-01 MIN= 0.10360E-01 PEAK TO PEAK/2= 0.25901E-01



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

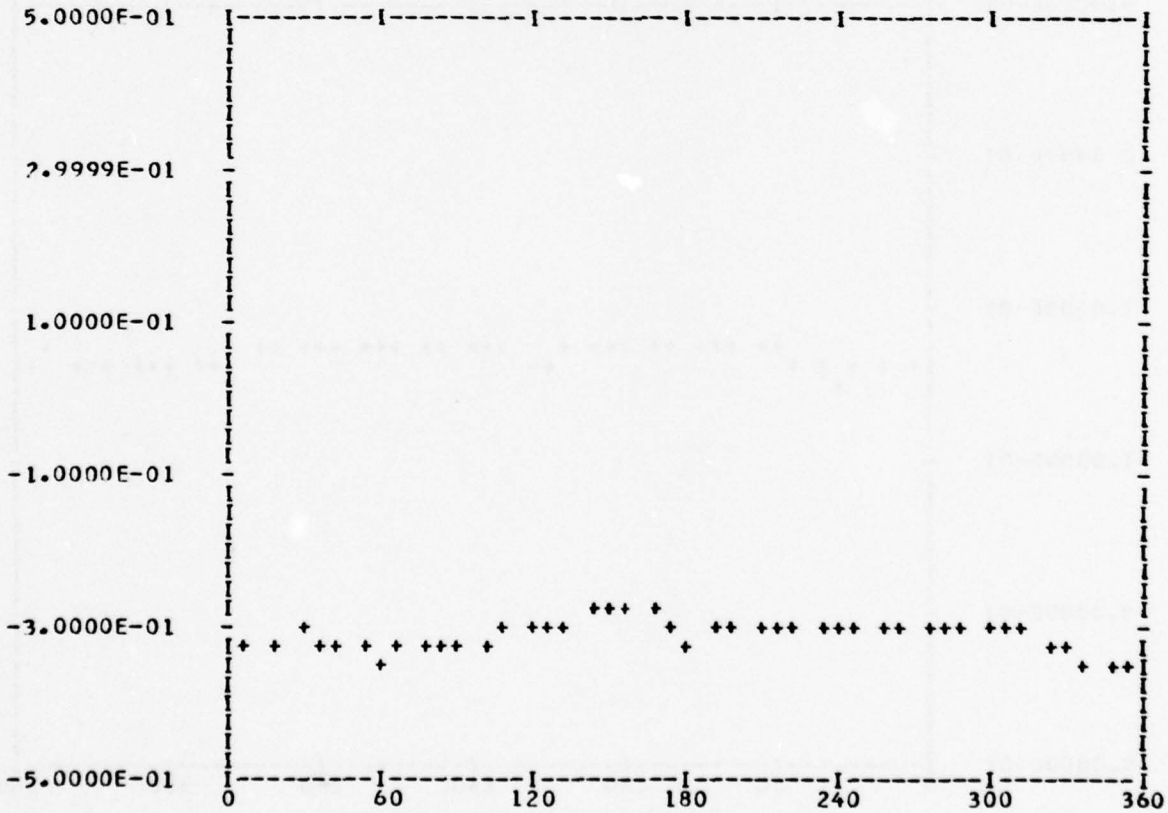
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.31086E 00	1	-0.17570E-01	-0.42071E-02	0.18066E-01	256.5
	2	-0.26035E-02	-0.42523E-02	0.49860E-02	211.4
	3	0.62746E-02	0.81292E-02	0.10269E-01	37.6
	4	-0.33498E-02	0.77202E-02	0.84156E-02	336.5
	5	0.15555E-02	0.38492E-02	0.41516E-02	22.0
	6	-0.65449E-03	0.12380E-02	0.14003E-02	332.1
	7	0.21021E-02	0.70922E-04	0.21033E-02	88.0
	8	-0.26794E-02	0.37559E-02	0.46136E-02	324.4
	9	0.12729E-02	-0.66870E-03	0.14378E-02	117.7
	10	-0.32752E-03	0.28346E-03	0.43315E-03	310.8

MAX=-0.28366E 00 MIN=-0.34606E 00 PEAK TO PEAK/2= 0.31202E-01



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

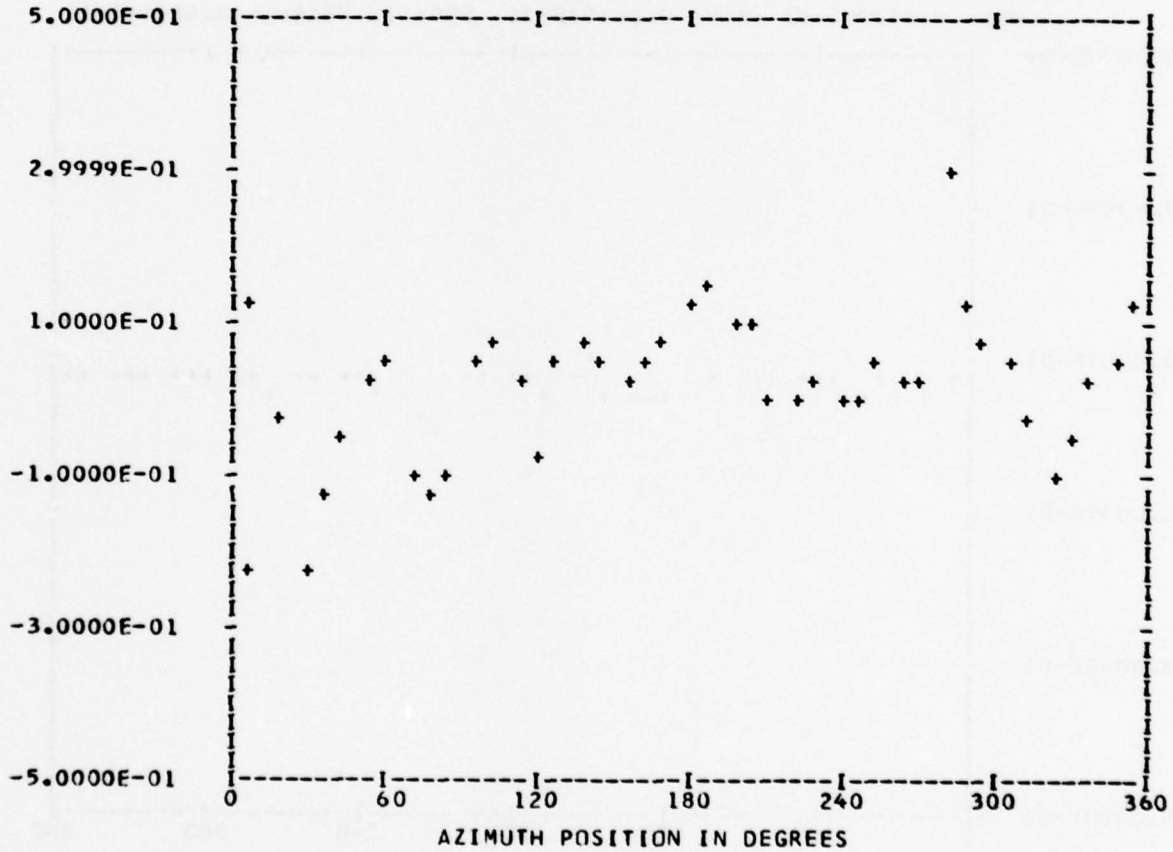
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.17742E-01	1	-0.50843E-01	-0.38850E-01	0.63987E-01	232.6
	2	-0.64040E-02	-0.31771E-01	0.32410E-01	191.3
	3	-0.10744E-01	0.81320E-02	0.13475E-01	307.1
	4	0.40633E-01	-0.66827E-02	0.41179E-01	99.3
	5	0.58360E-02	-0.46832E-01	0.47194E-01	172.8
	6	0.12697E-01	-0.47853E-01	0.49509E-01	165.1
	7	0.42349E-02	-0.26494E-01	0.26830E-01	170.9
	8	0.23573E-01	0.18610E-01	0.30034E-01	51.7
	9	-0.96238E-02	0.66892E-02	0.11720E-01	304.8
	10	-0.20253E-01	-0.19550E-01	0.28149E-01	226.0

MAX= 0.29702E 00 MIN=-0.23463E 00 PEAK TO PEAK/2= 0.26583E 00



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

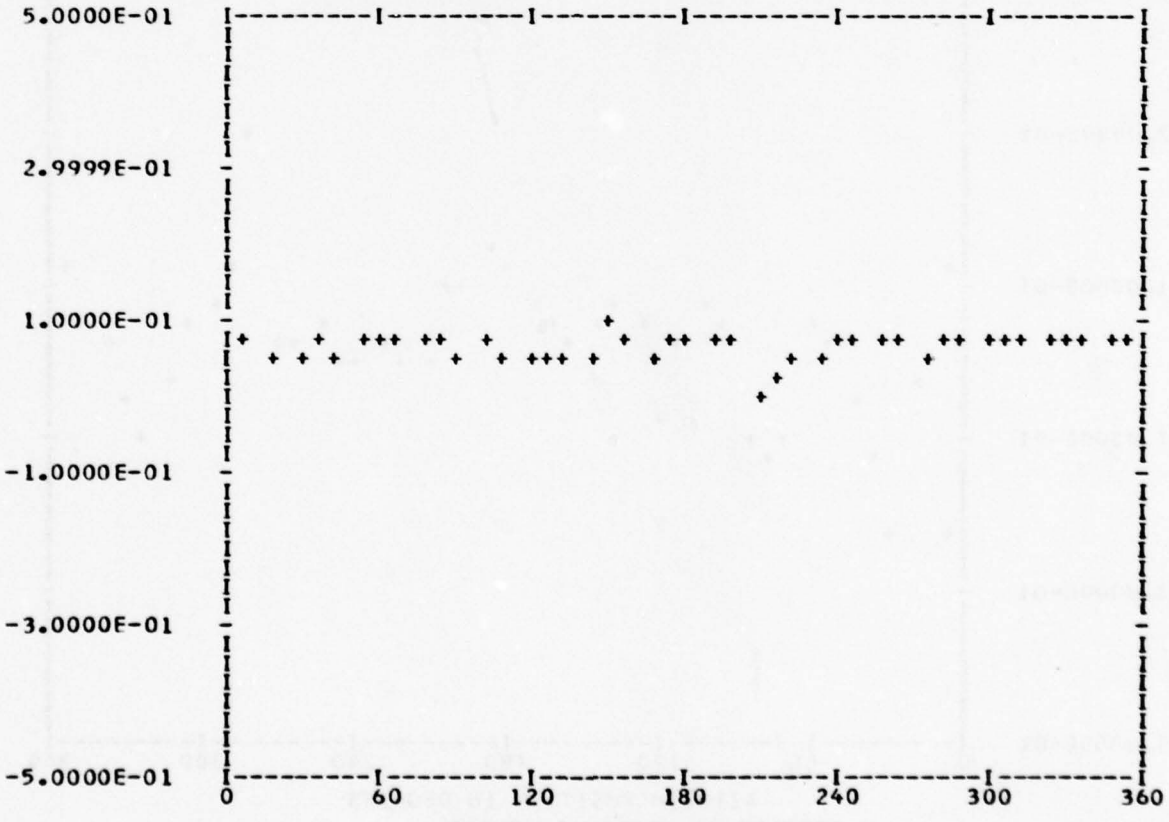
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.65001E-01	1	0.61904E-02	-0.14576E-02	0.63596E-02	103.2
	2	-0.27761E-02	-0.18981E-02	0.33630E-02	235.6
	3	-0.47485E-02	0.28332E-02	0.55295E-02	300.8
	4	-0.33496E-04	-0.11694E-01	0.11694E-01	180.1
	5	-0.29993E-02	0.22949E-02	0.37766E-02	307.4
	6	0.54019E-02	-0.18001E-02	0.56940E-02	108.4
	7	-0.35451E-02	-0.29813E-02	0.46321E-02	229.9
	8	0.37905E-02	0.55061E-02	0.66848E-02	34.5
	9	-0.67345E-02	-0.17374E-02	0.69550E-02	255.5
	10	0.38513E-02	-0.25811E-03	0.38600E-02	93.8

MAX= 0.94229E-01 MIN= 0.12393E-01 PEAK TO PEAK/2= 0.40918E-01



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

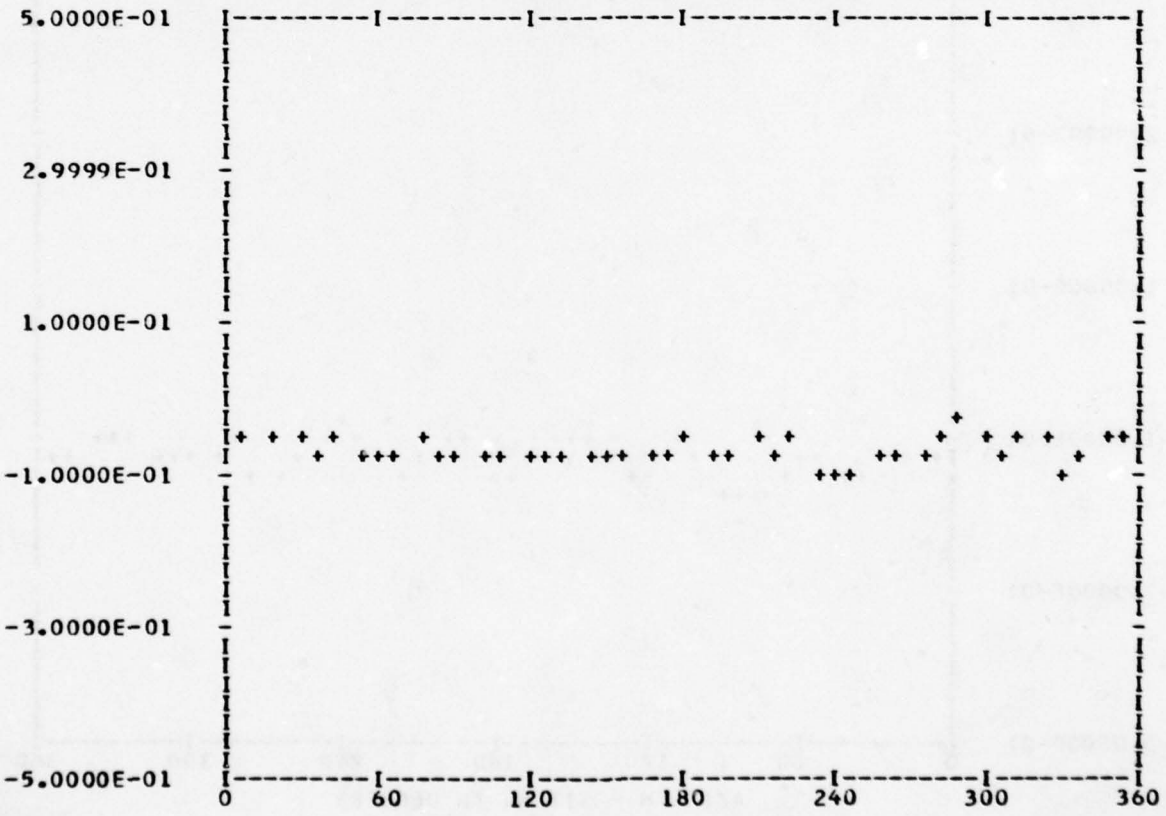
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 18
TP 2
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.67067E-01	1	0.96734E-02	-0.85780E-03	0.97113E-02	95.0
	2	0.37361E-02	-0.24886E-03	0.37443E-02	93.8
	3	-0.19237E-02	0.13417E-02	0.23454E-02	304.8
	4	0.91513E-02	0.43330E-02	0.10125E-01	64.6
	5	0.56571E-02	-0.47930E-02	0.74146E-02	130.2
	6	-0.14095E-03	0.17661E-02	0.17717E-02	355.4
	7	-0.50148E-03	-0.66850E-04	0.50592E-03	262.4
	8	0.39690E-03	0.10646E-02	0.11361E-02	20.4
	9	0.12865E-02	0.44818E-03	0.13624E-02	70.7
	10	0.26176E-02	-0.48710E-02	0.55298E-02	151.7

MAX=-0.35418E-01 MIN=-0.10207E 00 PEAK TO PEAK/2= 0.33329E-01



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

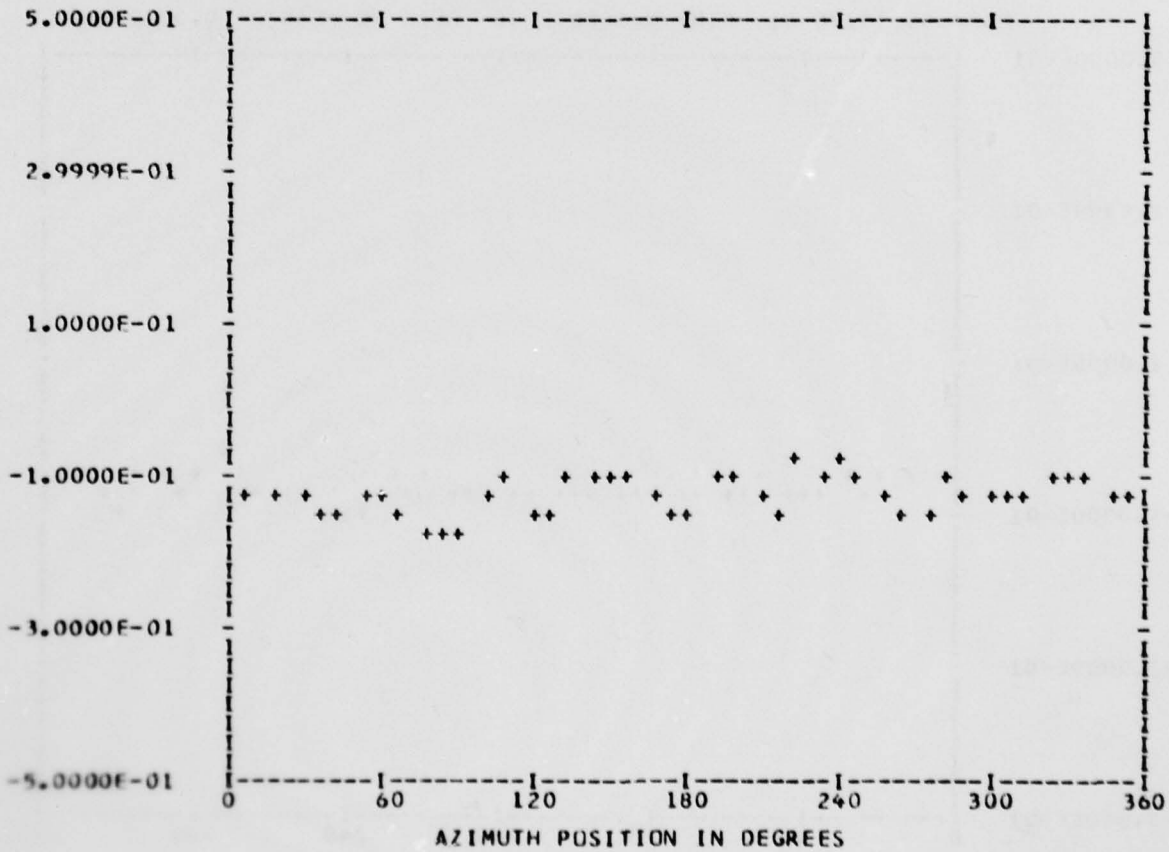
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12579E 00	1	-0.95213E-02	-0.11628E-01	0.15029E-01	219.3
	2	0.28155E-02	-0.66462E-02	0.72179E-02	157.0
	3	0.61058E-02	-0.16456E-02	0.63236E-02	105.0
	4	-0.15221E-01	0.50617E-02	0.16041E-01	288.3
	5	-0.20827E-02	-0.95004E-04	0.20849E-02	267.3
	6	-0.52003E-02	-0.25206E-02	0.57790E-02	244.1
	7	0.22246E-02	0.18828E-02	0.29145E-02	49.7
	8	0.11604E-01	0.12369E-01	0.16960E-01	43.1
	9	-0.52457E-02	-0.14307E-02	0.54373E-02	254.7
	10	-0.17549E-02	0.79613E-03	0.19271E-02	294.4

MAX=-0.78767E-01 MIN=-0.18544E 00 PEAK TO PEAK/2= 0.53337E-01



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

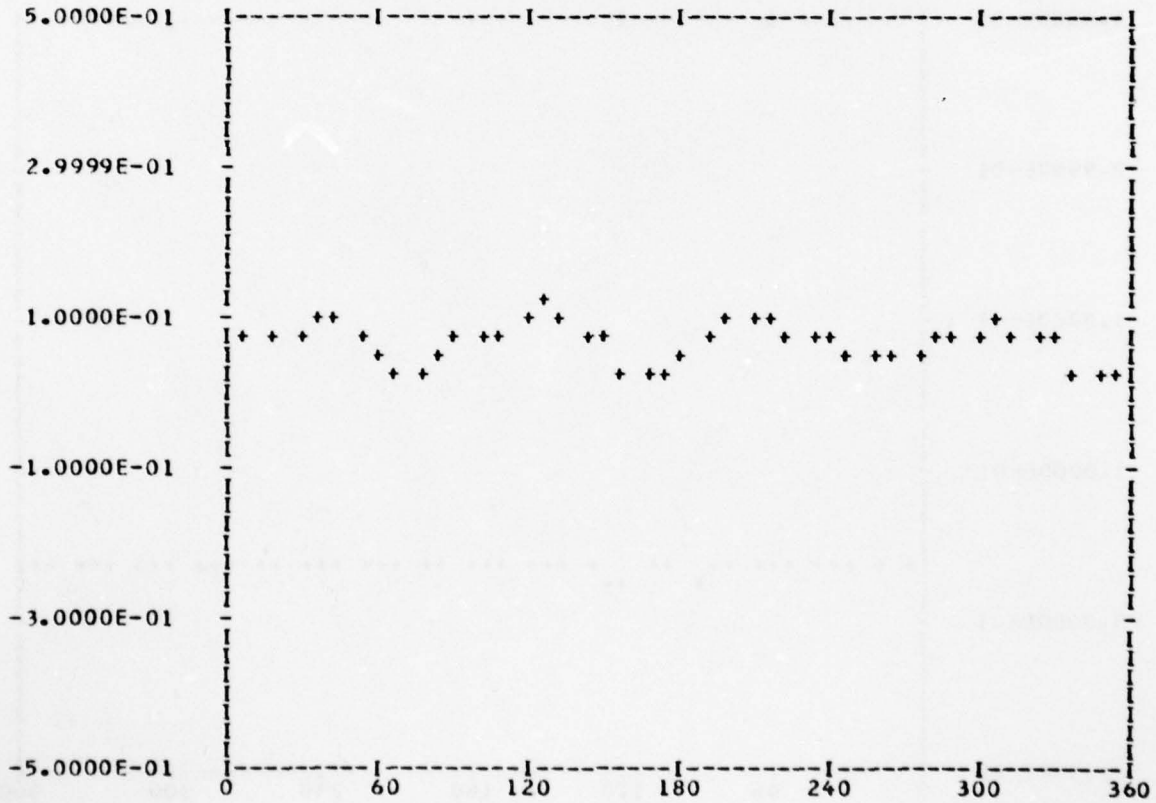
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.67174E-01	1	-0.31787E-02	0.14615E-02	0.34986E-02	294.6
	2	-0.34266E-02	-0.10296E-02	0.35780E-02	253.2
	3	0.40745E-02	0.97140E-03	0.41887E-02	76.5
	4	-0.13487E-01	0.29922E-01	0.32821E-01	335.7
	5	-0.29347E-02	-0.10673E-02	0.31228E-02	250.0
	6	-0.11638E-02	0.32999E-02	0.34991E-02	340.5
	7	-0.16272E-02	-0.27839E-02	0.32246E-02	210.3
	8	0.56837E-02	-0.11855E-02	0.58061E-02	101.7
	9	0.42360E-02	0.75613E-03	0.43030E-02	79.8
	10	0.24636E-03	0.22622E-03	0.33447E-03	47.4

MAX= 0.11792E 00 MIN= 0.19919E-01 PEAK TO PEAK/2= 0.49001E-01



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

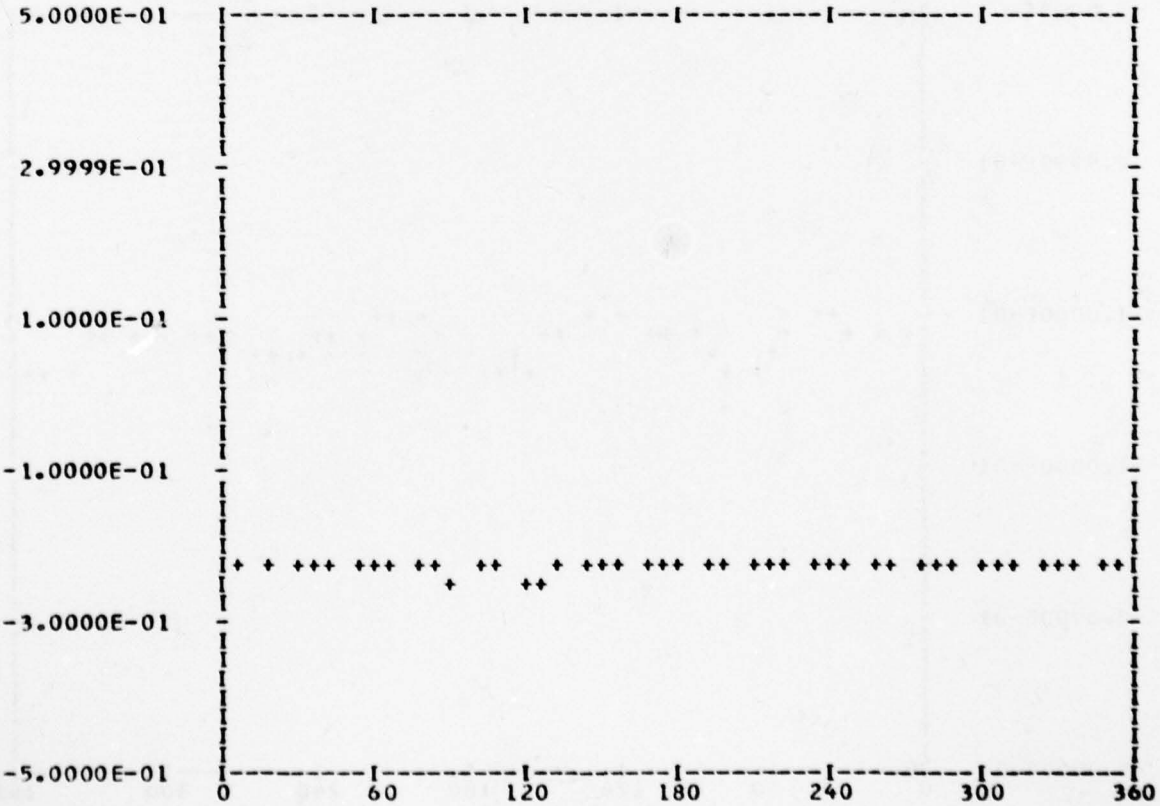
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22923E 00	1	0.18408E-02	-0.20430E-02	0.27500E-02	137.9
	2	0.33328E-02	-0.24782E-03	0.33420E-02	94.2
	3	-0.19971E-04	0.27323E-02	0.27324E-02	359.5
	4	-0.94838E-03	-0.24538E-02	0.26307E-02	201.1
	5	0.32848E-03	0.11888E-02	0.12334E-02	15.4
	6	-0.40648E-03	0.24667E-03	0.47548E-03	301.2
	7	-0.16566E-03	0.42530E-03	0.45642E-03	338.7
	8	0.12726E-03	0.36316E-03	0.38481E-03	19.3
	9	-0.11831E-03	0.48009E-03	0.49446E-03	346.1
	10	-0.19655E-03	-0.14120E-02	0.14256E-02	187.9

MAX=-0.22068E 00 MIN=-0.24066E 00 PEAK TO PEAK/2= 0.99931E-02



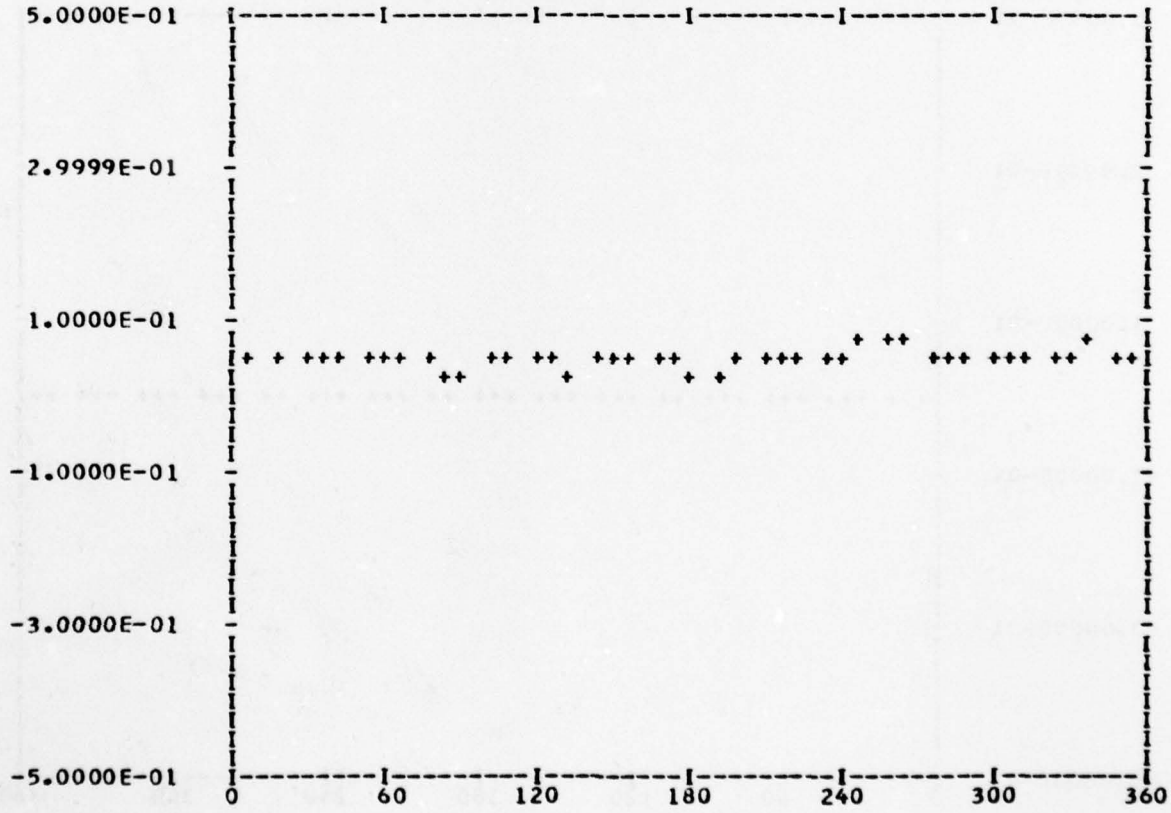
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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

*** DATA ANALYSIS ***			RUN	19
ENTERED	44		TP	9
OUT OF RANGE	0		CHAN	51
BANDEDGE	0			

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.48438E-01	1	0.14200E-03	-0.77920E-02	0.77933E-02	178.9
	2	-0.19836E-02	-0.23050E-03	0.19969E-02	263.3
	3	0.85636E-03	0.31380E-02	0.32528E-02	15.2
	4	-0.41997E-02	-0.30809E-02	0.52086E-02	233.7
	5	-0.10411E-02	-0.12315E-02	0.16127E-02	220.2
	6	-0.16590E-02	-0.14319E-02	0.21915E-02	229.2
	7	0.20715E-02	-0.81486E-03	0.22260E-02	111.4
	8	-0.39329E-02	0.33019E-02	0.51352E-02	310.0
	9	-0.68204E-03	0.73811E-03	0.10049E-02	317.2
	10	-0.41894E-03	0.26890E-03	0.49781E-03	302.6

MAX= 0.67894E-01 MIN= 0.29071E-01 PEAK TO PEAK/2= 0.19411E-01



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

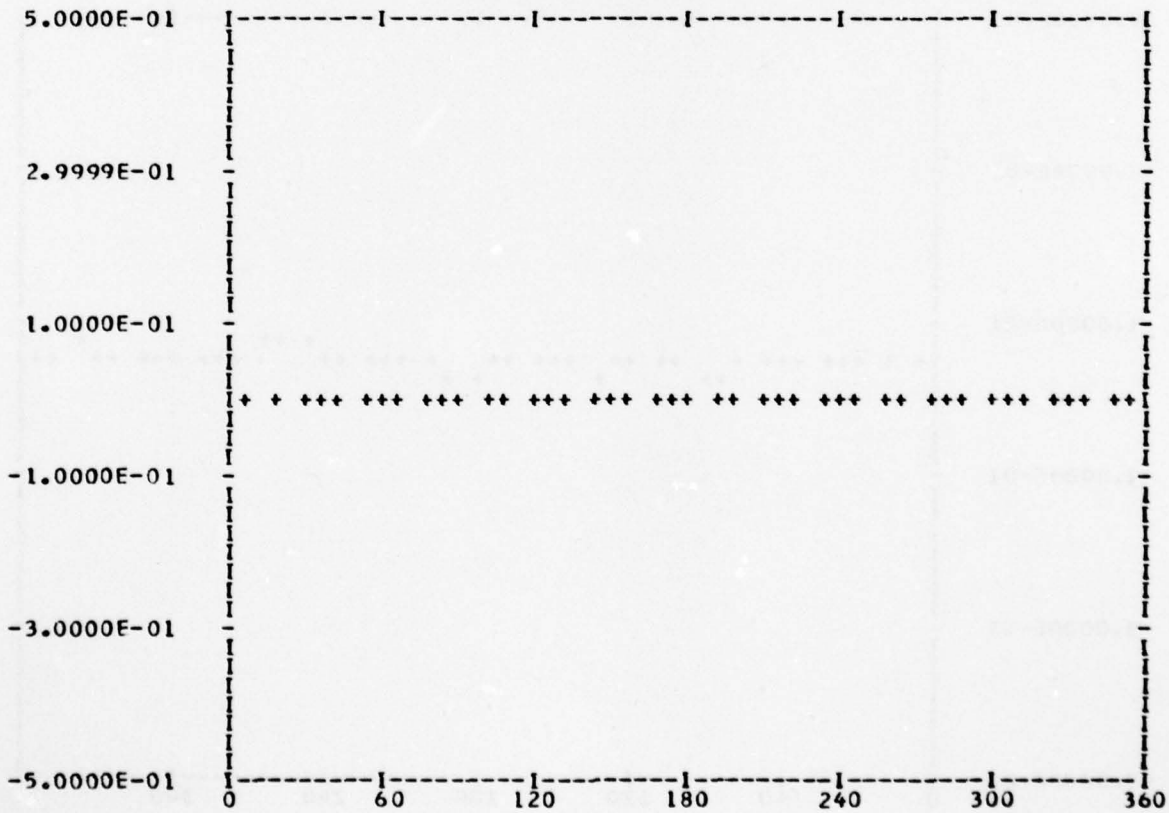
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16774E-02	1	-0.46682E-04	0.15981E-04	0.49342E-04	288.8
	2	-0.77573E-04	0.18422E-04	0.79731E-04	283.3
	3	0.32873E-04	-0.43355E-04	0.54408E-04	142.8
	4	-0.79028E-04	0.41942E-04	0.89468E-04	297.9
	5	0.79103E-04	-0.50453E-04	0.93823E-04	122.5
	6	0.14553E-03	0.54643E-04	0.15545E-03	69.4
	7	-0.49126E-04	-0.26775E-04	0.55948E-04	241.4
	8	-0.36496E-05	-0.28204E-05	0.46125E-05	232.3
	9	0.24109E-04	0.56834E-04	0.61736E-04	22.9
	10	-0.48143E-04	-0.49630E-04	0.69144E-04	224.1

MAX=-0.86272E-03 MIN=-0.21568E-02 PEAK TO PEAK/2= 0.64704E-03



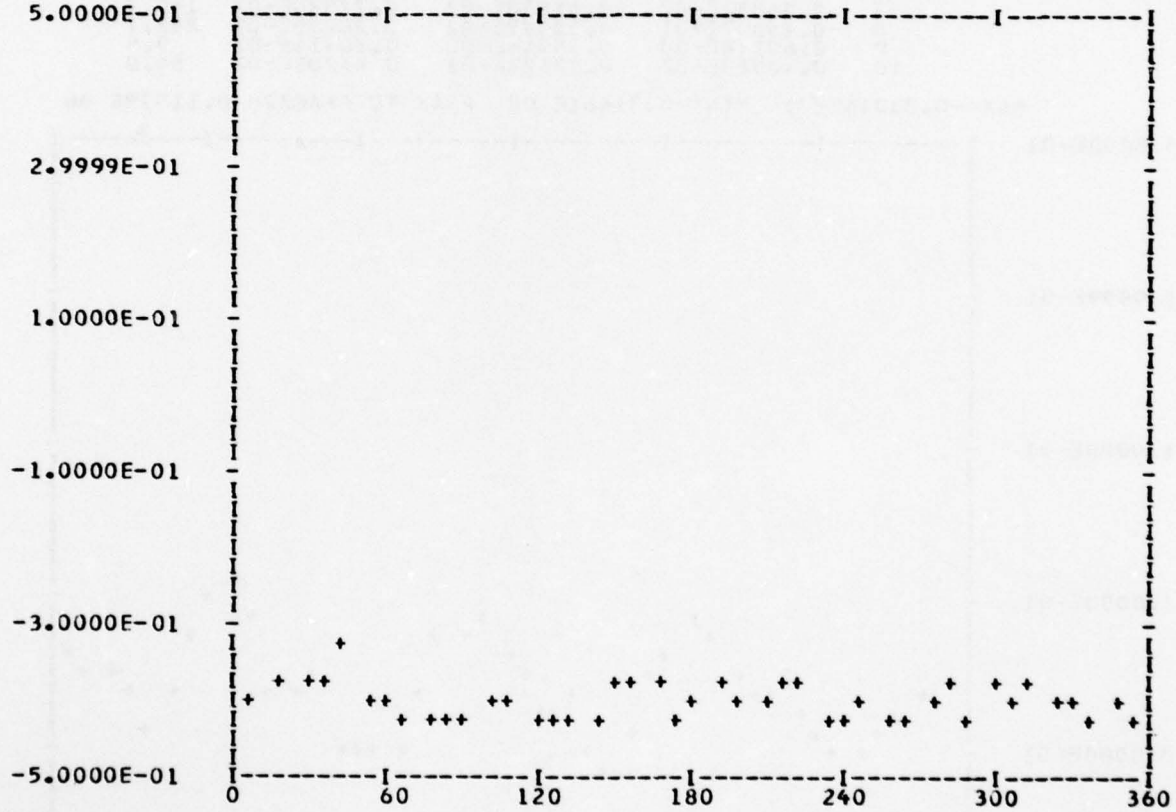
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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

*** DATA ANALYSIS ***			
ENTERED	44	RUN	19
OUT OF RANGE	0	TP	9
BANDEDGE	6	CHAN	61

HARMONIC ANALYSIS SKIPPED

MAX=-0.32770E 00 MIN=-0.43256E 00 PEAK TO PEAK/2= 0.52430E-01

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B   B   A A   NN  N  D   D  E      D   D  G      E
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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

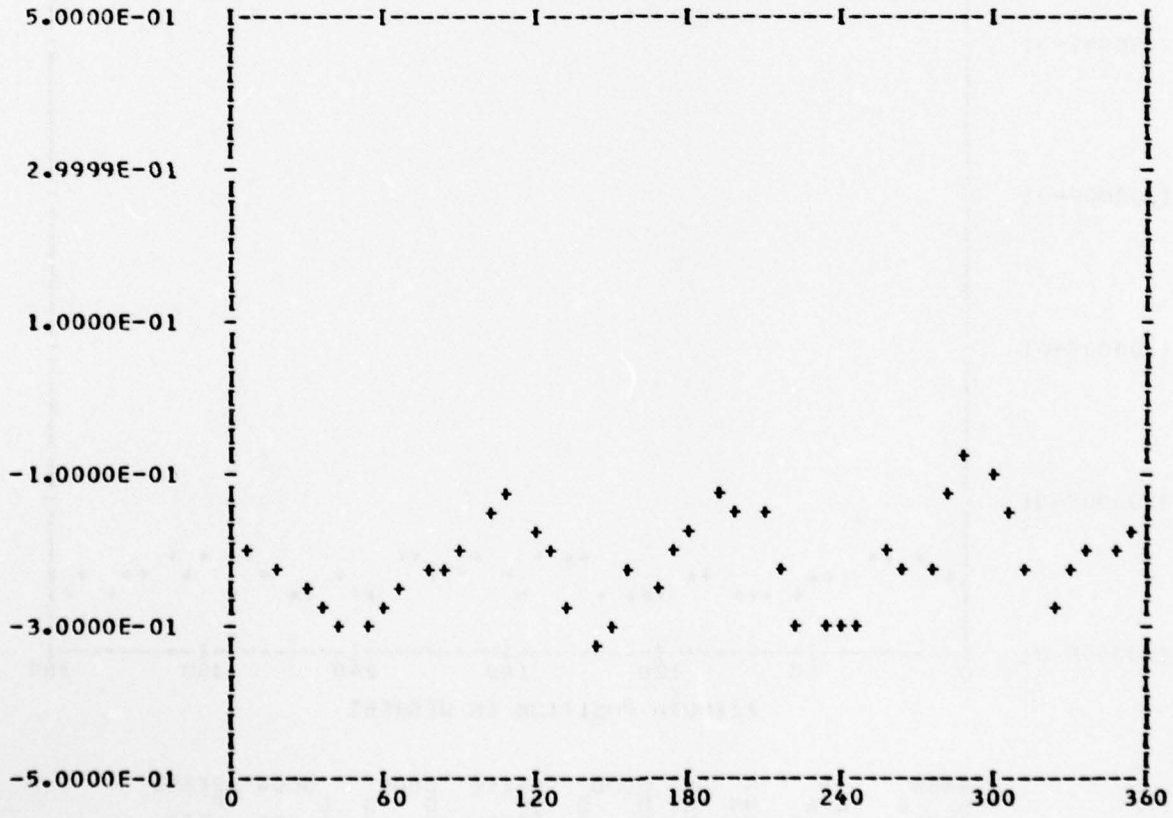
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21874E 00	1	0.36121E-02	-0.12269E-01	0.12789E-01	163.5
	2	-0.63244E-02	-0.25871E-01	0.26633E-01	193.7
	3	-0.18020E-01	-0.16456E-01	0.24404E-01	227.5
	4	0.56226E-01	0.34571E-01	0.66004E-01	58.4
	5	0.39726E-02	-0.10668E-01	0.11384E-01	159.5
	6	0.96426E-02	-0.11400E-01	0.14931E-01	139.7
	7	0.36852E-02	-0.61888E-02	0.72030E-02	149.2
	8	-0.19397E-01	0.58327E-02	0.20255E-01	286.7
	9	0.60178E-03	0.35914E-02	0.36414E-02	9.5
	10	0.40983E-02	0.42527E-03	0.41203E-02	84.0

MAX=-0.83014E-01 MIN=-0.31461E 00 PEAK TO PEAK/2= 0.11579E 00



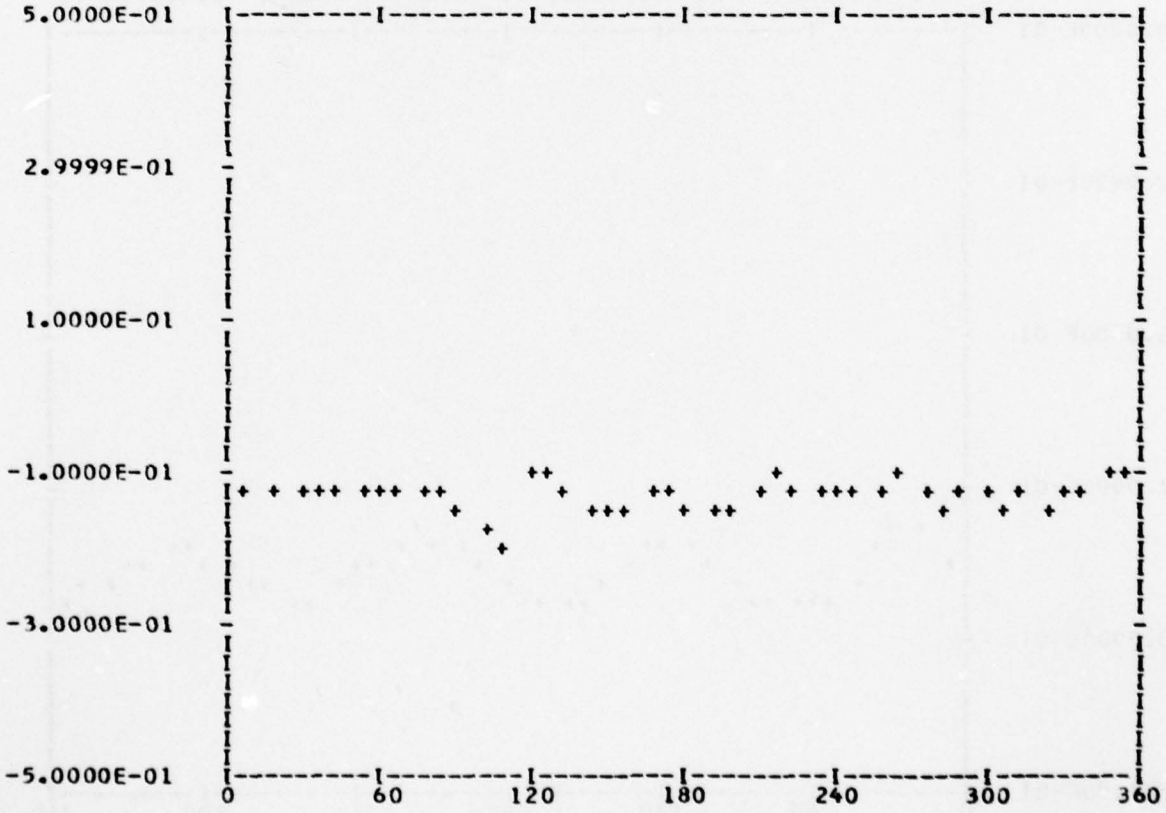
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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

*** DATA ANALYSIS ***			
ENTERED	44	RUN	19
OUT OF RANGE	0	TP	9
BANDEDGE	0	CHAN	57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13037E 00	1	0.54310E-02	-0.26927E-02	0.60619E-02	116.3
	2	0.63977E-02	0.43905E-02	0.77594E-02	55.5
	3	0.55955E-02	0.98774E-03	0.56820E-02	79.9
	4	-0.35890E-02	-0.31567E-02	0.47798E-02	228.6
	5	-0.40240E-03	-0.95036E-02	0.95121E-02	182.4
	6	0.34541E-02	-0.25723E-03	0.34637E-02	94.2
	7	-0.20238E-02	0.73693E-02	0.76421E-02	344.6
	8	-0.13198E-01	-0.67959E-02	0.14845E-01	242.7
	9	0.60738E-02	-0.44106E-03	0.60898E-02	94.1
	10	0.33154E-02	0.37069E-02	0.49733E-02	41.8

MAX=-0.94567E-01 MIN=-0.20476E 00 PEAK TO PEAK/2= 0.55098E-01



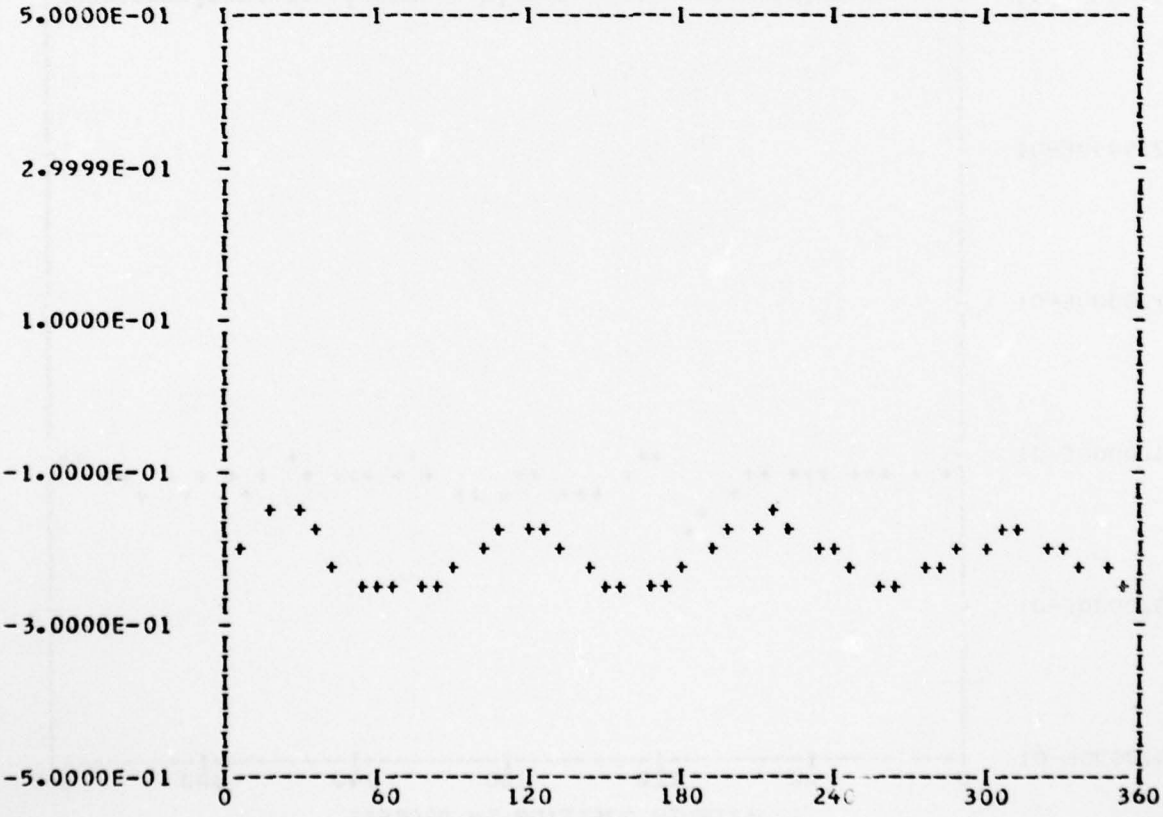
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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

*** DATA ANALYSIS ***			RUN	19
ENTERED	44		TP	9
OUT OF RANGE	0		CHAN	50
BANDEDGE	0			

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20793E 00	1	-0.82741E-03	-0.59529E-02	0.60101E-02	187.9
	2	0.84348E-02	0.16164E-02	0.85883E-02	79.1
	3	0.71579E-02	-0.10612E-01	0.12801E-01	146.0
	4	-0.47239E-02	0.38047E-01	0.38340E-01	352.9
	5	-0.26223E-02	0.87469E-02	0.91316E-02	343.3
	6	-0.26013E-03	0.61197E-02	0.61252E-02	357.5
	7	-0.45031E-04	0.72908E-02	0.72909E-02	359.6
	8	-0.54464E-02	-0.21301E-02	0.58481E-02	248.6
	9	-0.13571E-02	-0.23226E-02	0.26900E-02	210.2
	10	-0.24924E-02	-0.24015E-03	0.25040E-02	264.4

MAX=-0.14246E 00 MIN=-0.25450E 00 PEAK TO PEAK/2= 0.56019E-01



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

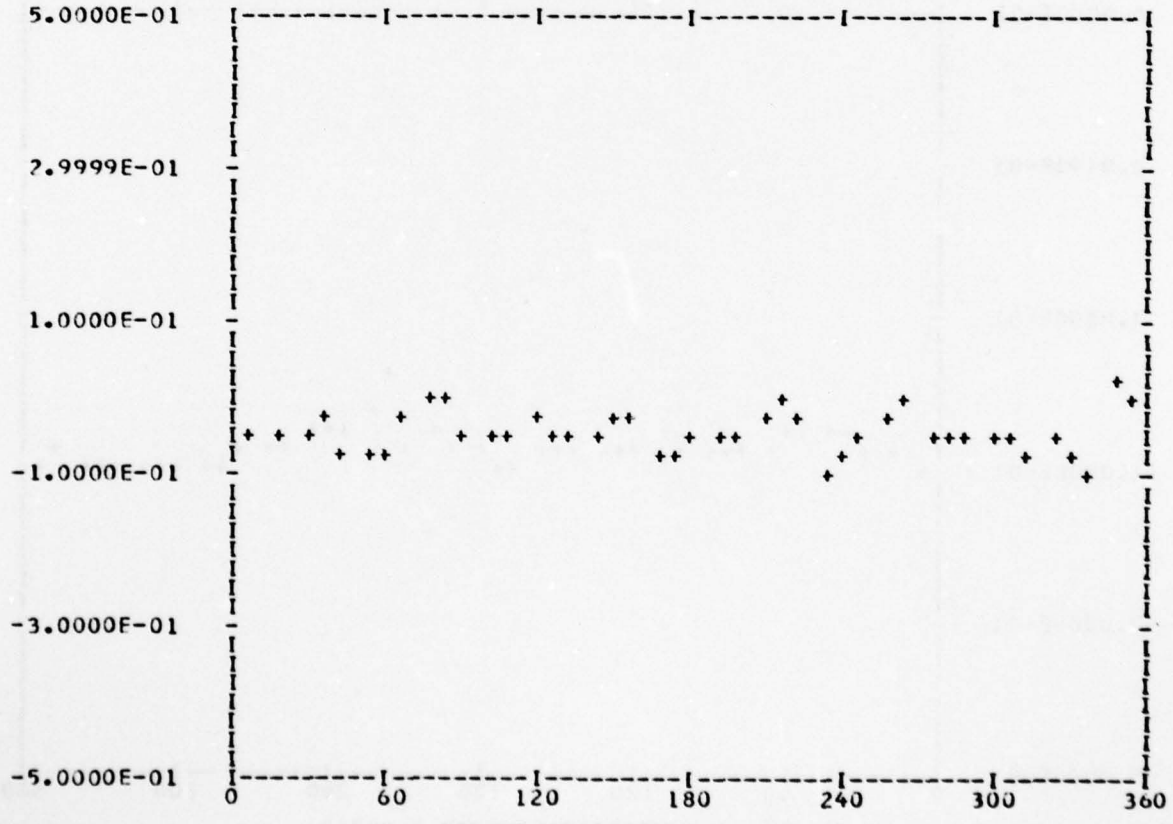
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.43545E-01	1	0.21371E-02	0.33421E-02	0.39670E-02	32.5
	2	-0.95100E-03	0.21556E-02	0.23561E-02	336.1
	3	0.58088E-02	-0.61210E-02	0.84385E-02	136.4
	4	0.98611E-02	-0.41376E-02	0.10694E-01	112.7
	5	0.54933E-02	-0.11889E-01	0.13097E-01	155.2
	6	0.43893E-04	0.80728E-02	0.80729E-02	0.3
	7	0.17897E-02	-0.48103E-02	0.51325E-02	159.5
	8	-0.16366E-01	-0.21695E-02	0.16509E-01	262.4
	9	-0.90168E-02	-0.39456E-02	0.98424E-02	246.3
	10	0.25989E-02	-0.81367E-02	0.85417E-02	162.2

MAX= 0.20312E-01 MIN=-0.10156E 00 PEAK TO PEAK/2= 0.60938E-01



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

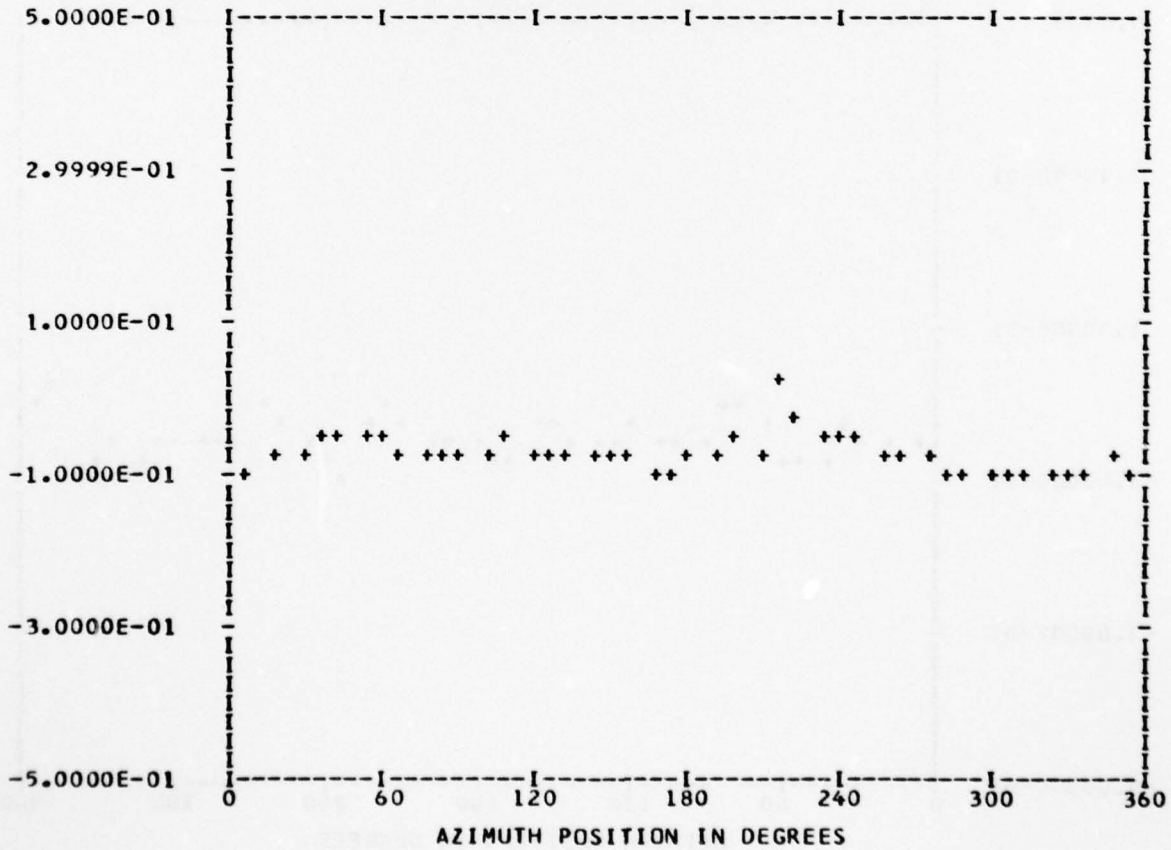
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.73611E-01	1	-0.12187E-01	0.18553E-02	0.12327E-01	278.6
	2	-0.18726E-02	0.17840E-01	0.17938E-01	354.0
	3	0.86712E-02	-0.42972E-02	0.96776E-02	116.3
	4	-0.90034E-02	0.49132E-02	0.10256E-01	298.6
	5	0.21175E-03	-0.55489E-02	0.55529E-02	177.8
	6	-0.39487E-02	-0.33375E-02	0.51703E-02	229.7
	7	0.37103E-02	-0.20465E-03	0.37159E-02	93.1
	8	-0.14125E-02	-0.24660E-02	0.28419E-02	209.8
	9	-0.16741E-02	0.35139E-03	0.17106E-02	281.8
	10	0.33462E-02	-0.70684E-03	0.34201E-02	101.9

MAX= 0.13905E-01 MIN=-0.10385E 00 PEAK TO PEAK/2= 0.58879E-01



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

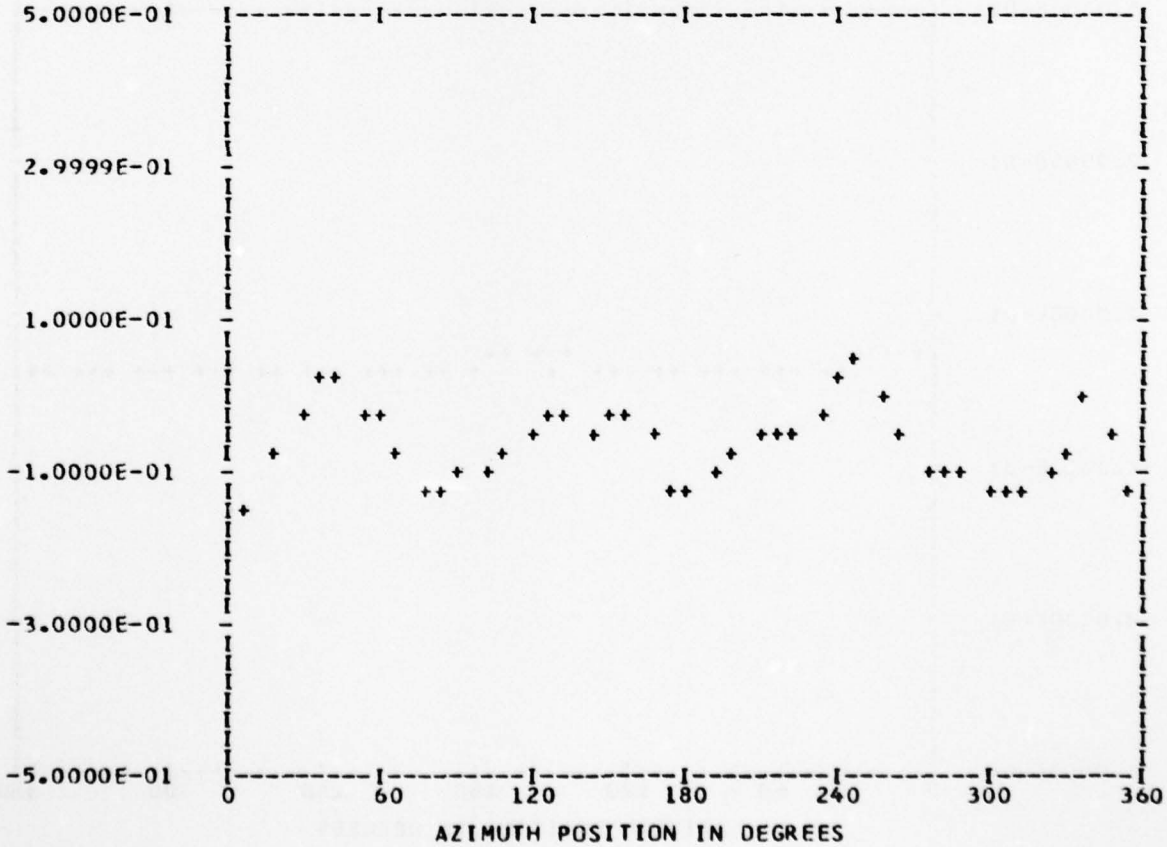
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.66420E-01	1	-0.10221E-01	0.29876E-02	0.10649E-01	286.2
	2	-0.15683E-02	0.21898E-01	0.21954E-01	355.9
	3	0.26682E-01	0.15942E-01	0.31082E-01	59.1
	4	-0.41941E-01	-0.83875E-02	0.42771E-01	258.6
	5	-0.23209E-01	-0.53579E-02	0.23819E-01	257.0
	6	-0.15000E-01	-0.40474E-02	0.15537E-01	254.9
	7	-0.57648E-02	-0.10617E-01	0.12081E-01	208.4
	8	-0.20641E-01	0.75957E-02	0.21995E-01	290.2
	9	0.49660E-02	0.42409E-02	0.65304E-02	49.5
	10	-0.49353E-02	0.97441E-03	0.50306E-02	281.1

MAX= 0.46075E-01 MIN=-0.14680E 00 PEAK TO PEAK/2= 0.96438E-01



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

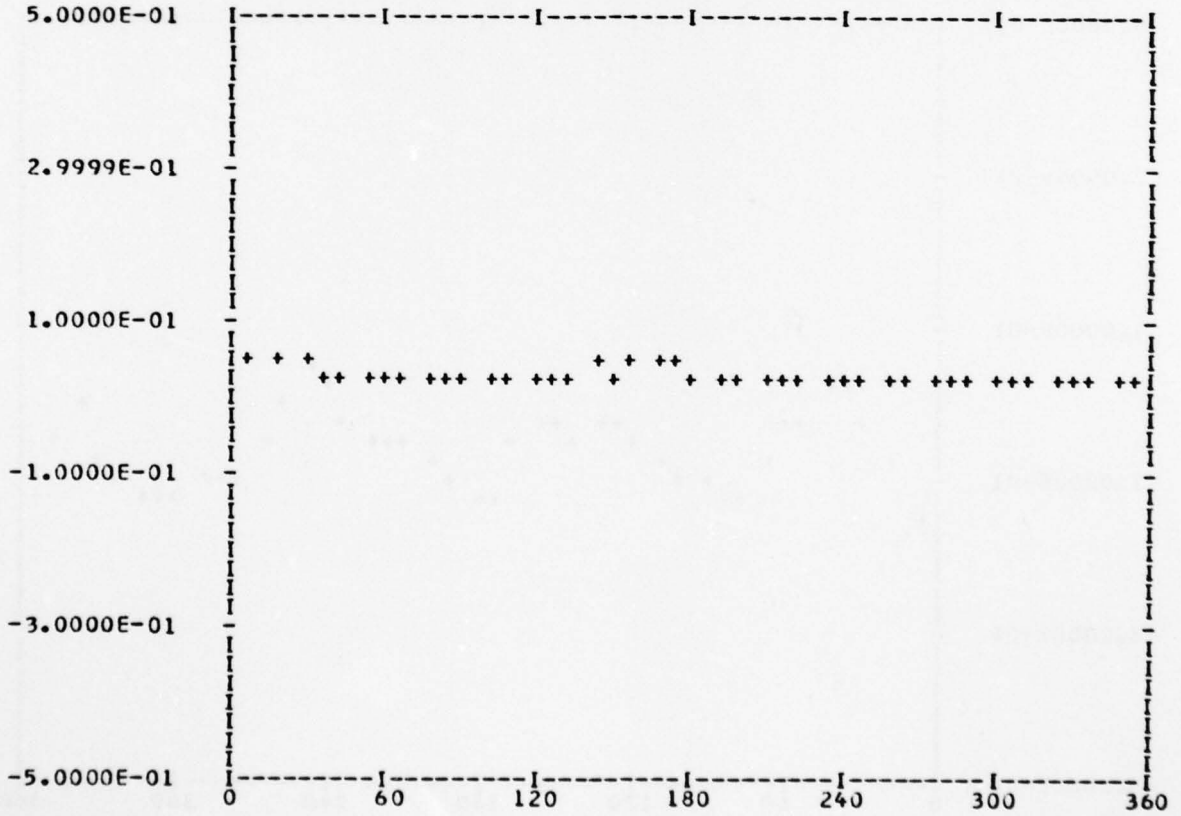
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.30556E-01	1	-0.21593E-02	0.27405E-02	0.34890E-02	321.7
	2	0.37813E-02	0.10228E-02	0.39173E-02	74.8
	3	0.19681E-02	0.37903E-02	0.42708E-02	27.4
	4	-0.12880E-02	-0.48224E-03	0.13753E-02	249.4
	5	0.18108E-02	0.20746E-02	0.27537E-02	41.1
	6	-0.11817E-03	0.94872E-03	0.95605E-03	352.8
	7	0.25576E-03	0.26134E-02	0.26259E-02	5.5
	8	0.10389E-02	-0.18328E-03	0.10550E-02	100.0
	9	0.12082E-02	0.68464E-03	0.13887E-02	60.4
	10	-0.13682E-03	0.33698E-03	0.36370E-03	337.9

MAX= 0.43342E-01 MIN= 0.19397E-01 PEAK TO PEAK/2= 0.11972E-01



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

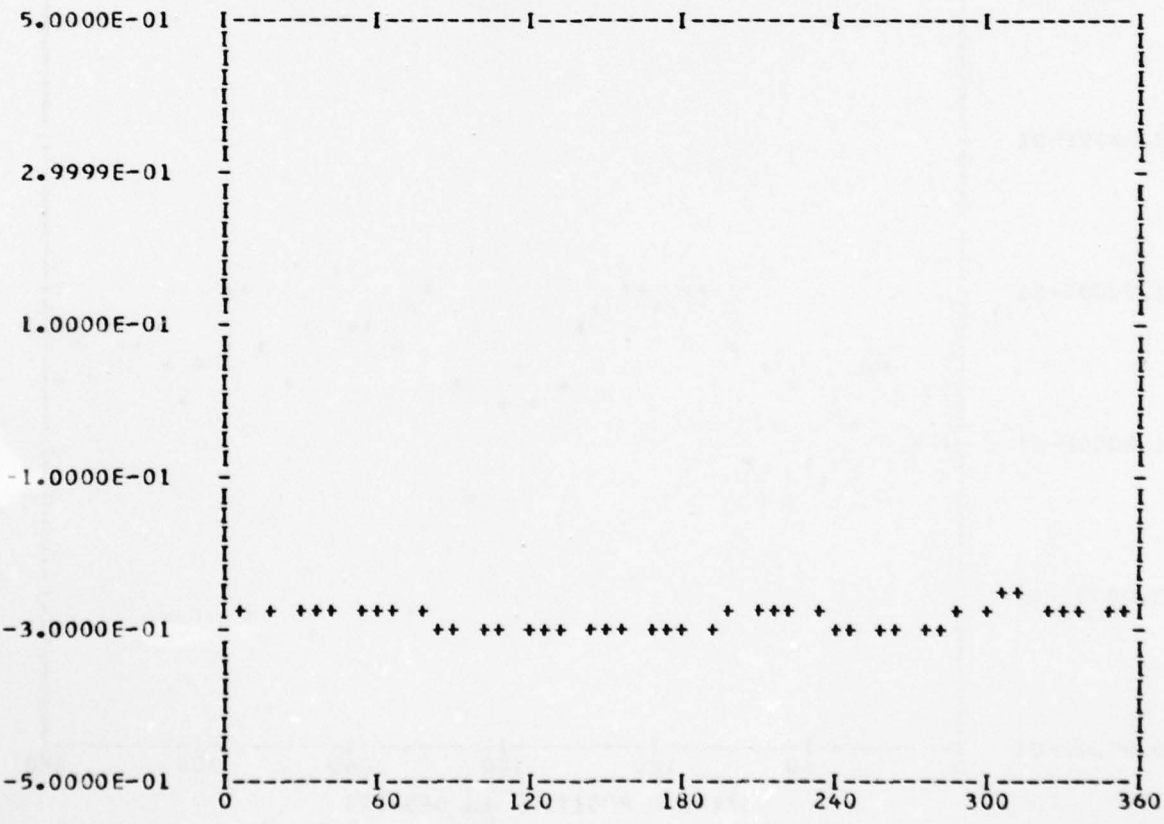
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28543E 00	1	0.12859E-01	-0.54508E-02	0.13967E-01	112.9
	2	0.69653E-02	0.19298E-02	0.72277E-02	74.5
	3	-0.75271E-02	-0.62655E-02	0.97936E-02	230.2
	4	-0.47641E-02	0.63233E-02	0.79171E-02	323.0
	5	0.31751E-03	0.24659E-02	0.24863E-02	7.3
	6	0.57701E-03	-0.47737E-03	0.74889E-03	129.6
	7	0.11371E-02	-0.17890E-02	0.21198E-02	147.5
	8	-0.37236E-02	0.23683E-02	0.44130E-02	302.4
	9	-0.12275E-02	-0.82549E-03	0.14792E-02	236.0
	10	-0.35978E-03	0.29939E-03	0.46805E-03	309.7

MAX=-0.25828E 00 MIN=-0.30989E 00 PEAK TO PEAK/2= 0.25803E-01



AD-A060 868 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-V2-E NL

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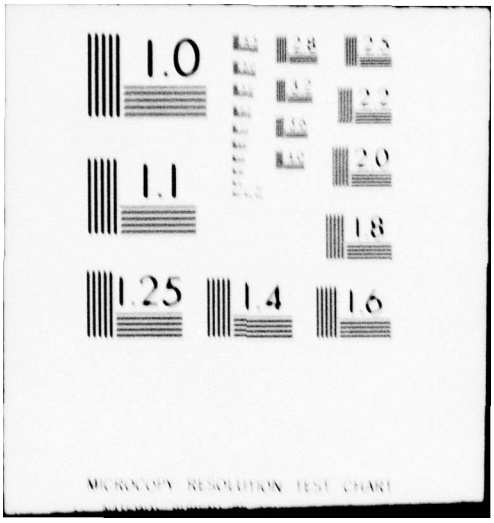
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1.1
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1.4
1.6
2.0
2.2
2.5
MICROCOPY RESOLUTION TEST CHART

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

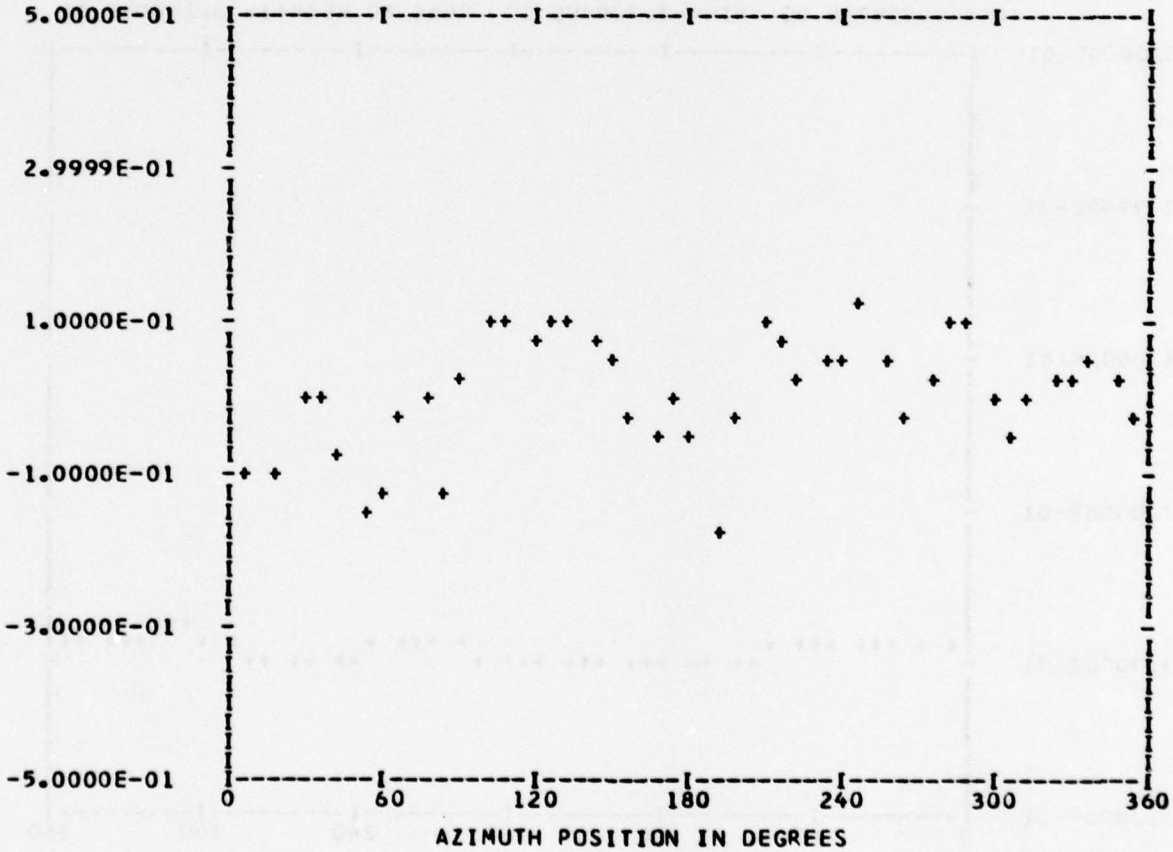
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.57609E-02	1	-0.28670E-01	-0.22506E-01	0.36448E-01	231.8
	2	-0.36792E-01	-0.27720E-01	0.46066E-01	233.0
	3	0.45238E-01	-0.12714E-01	0.46991E-01	105.6
	4	-0.16772E-01	0.10638E-01	0.19861E-01	302.3
	5	-0.12484E-02	-0.72445E-02	0.73513E-02	189.7
	6	-0.23898E-01	-0.12414E-01	0.26930E-01	242.5
	7	-0.12504E-01	0.44615E-03	0.12512E-01	272.0
	8	-0.22121E-01	0.26370E-02	0.22278E-01	276.7
	9	0.34213E-02	0.44903E-02	0.56452E-02	37.3
	10	0.54243E-02	-0.42763E-01	0.43106E-01	172.7

MAX= 0.11415E 00 MIN=-0.17345E 00 PEAK TO PEAK/2= 0.14380E 00



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

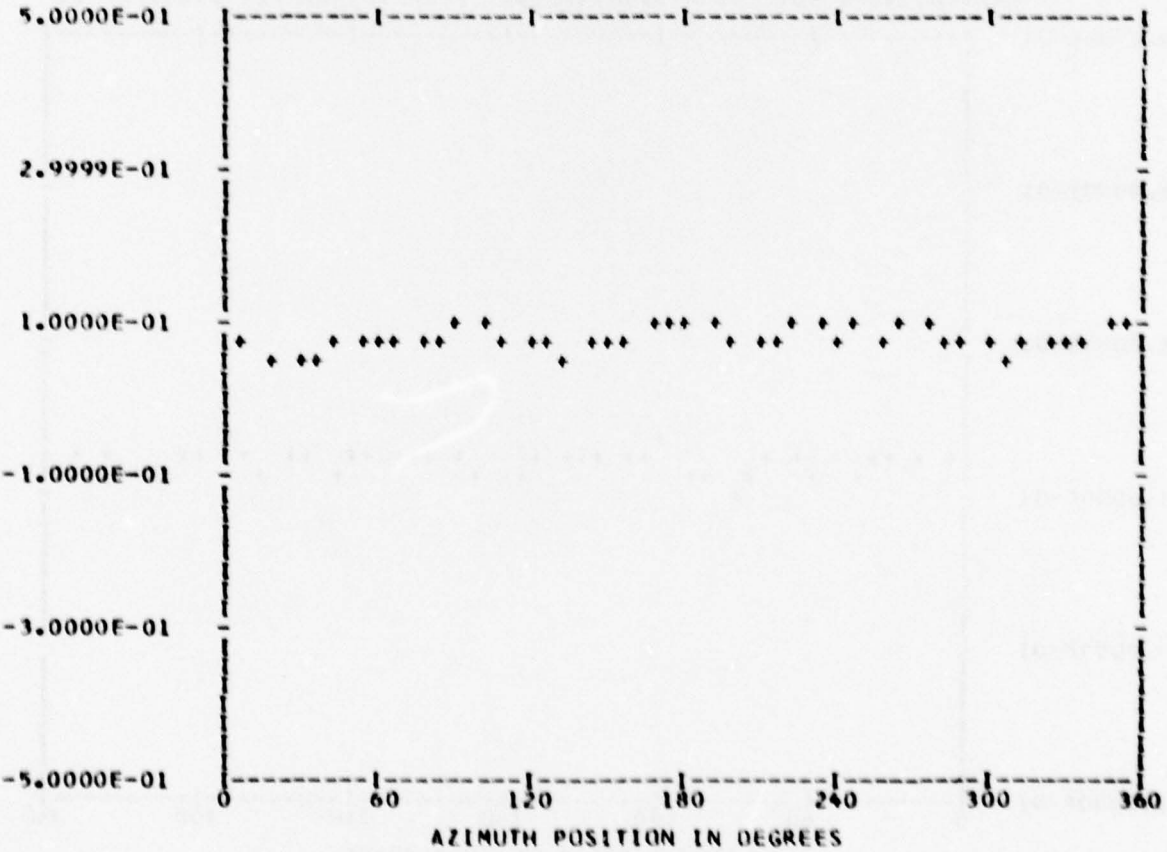
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
TP 9
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.78447E-01	1	-0.75473E-02	-0.29869E-02	0.81169E-02	248.4
	2	0.26144E-02	0.75458E-03	0.27211E-02	73.9
	3	-0.67765E-03	-0.45697E-02	0.46197E-02	188.4
	4	0.75011E-02	-0.13168E-01	0.15154E-01	150.3
	5	-0.10727E-02	-0.59221E-03	0.12253E-02	241.0
	6	-0.26880E-03	-0.43917E-02	0.43999E-02	183.5
	7	0.13286E-02	-0.55690E-03	0.14406E-02	112.7
	8	0.41959E-02	-0.17504E-02	0.45464E-02	112.6
	9	-0.32249E-03	0.11302E-02	0.11753E-02	344.0
	10	-0.64617E-04	0.10016E-02	0.10037E-02	356.3

MAX= 0.10485E 00 MIN= 0.38754E-01 PEAK TO PEAK/2= 0.33049E-01



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

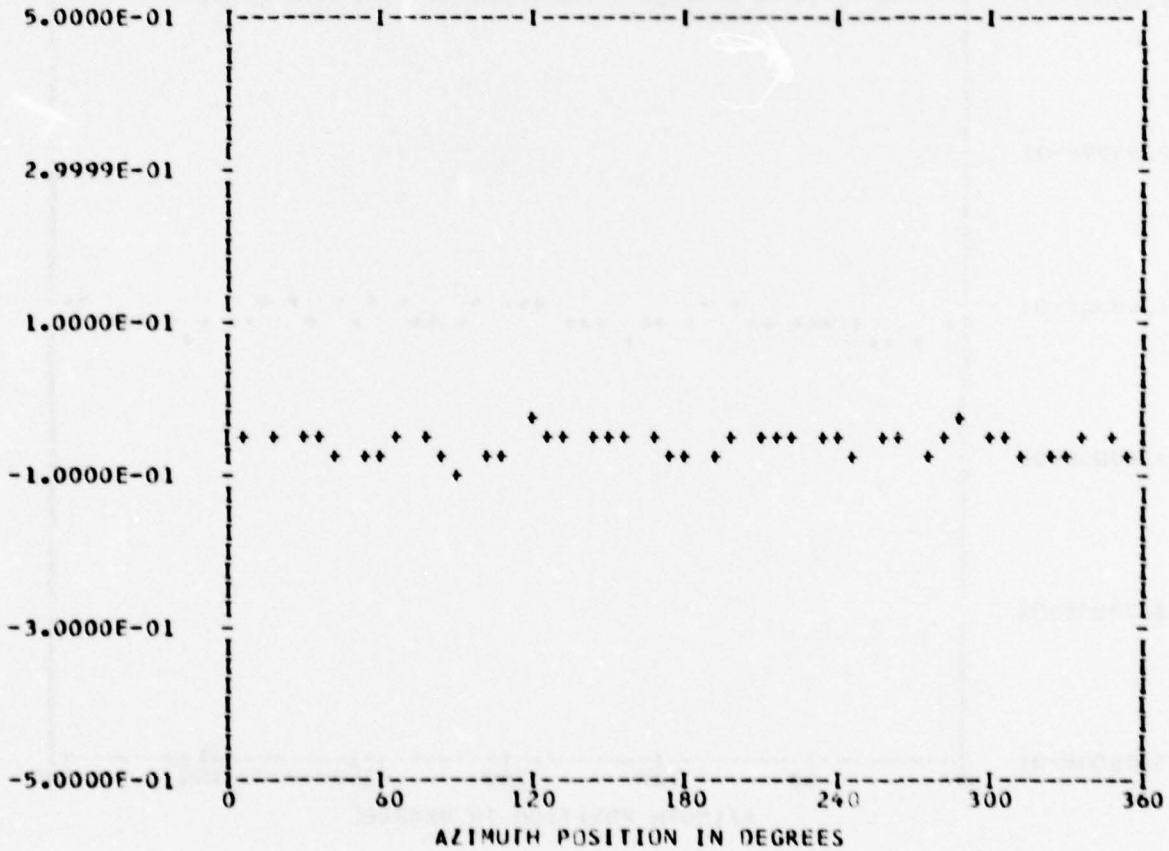
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 19
IP 9
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.58910E-01	1	-0.42256E-02	-0.45997E-02	0.62460E-02	222.5
	2	0.75728E-03	-0.13063E-02	0.15099E-02	149.8
	3	0.61430E-02	0.54090E-02	0.81850E-02	48.6
	4	-0.27955E-02	0.70083E-02	0.75453E-02	338.2
	5	0.57199E-02	-0.33356E-02	0.66215E-02	120.2
	6	-0.19572E-02	-0.20609E-02	0.28422E-02	223.5
	7	-0.17487E-02	0.45409E-02	0.48660E-02	338.9
	8	-0.98840E-02	0.38783E-02	0.10617E-01	291.4
	9	-0.12378E-02	-0.19715E-02	0.23278E-02	212.1
	10	0.66355E-03	-0.35020E-02	0.35643E-02	169.2

MAX=-0.28698E-01 MIN=-0.98142E-01 PEAK TO PEAK/2= 0.34722E-01



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

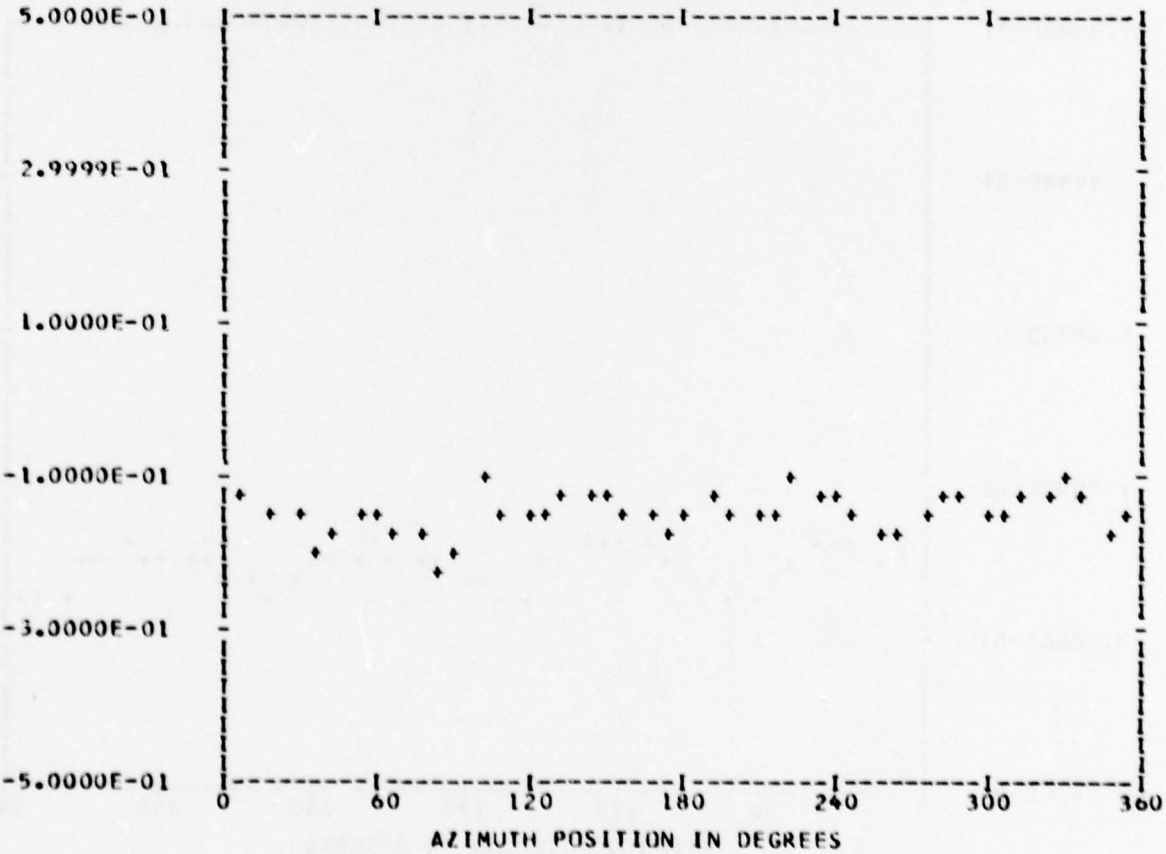
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14714E 00	1	-0.87417E-02	-0.97764E-02	0.13114E-01	221.8
	2	0.23775E-03	-0.89873E-02	0.89905E-02	178.4
	3	0.52786E-02	-0.43681E-02	0.68516E-02	129.6
	4	-0.11863E-01	0.11069E-01	0.16225E-01	313.0
	5	-0.71578E-03	-0.10921E-02	0.13057E-02	213.2
	6	-0.27208E-02	-0.20240E-02	0.33911E-02	233.3
	7	0.38982E-02	0.24430E-02	0.46005E-02	57.9
	8	0.17543E-01	0.11605E-01	0.21034E-01	56.5
	9	-0.39668E-02	0.45440E-02	0.60318E-02	318.8
	10	-0.13678E-02	-0.15634E-02	0.20773E-02	221.1

MAX=-0.95511E-01 MIN=-0.21655E 00 PEAK TO PEAK/2= 0.60523E-01



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

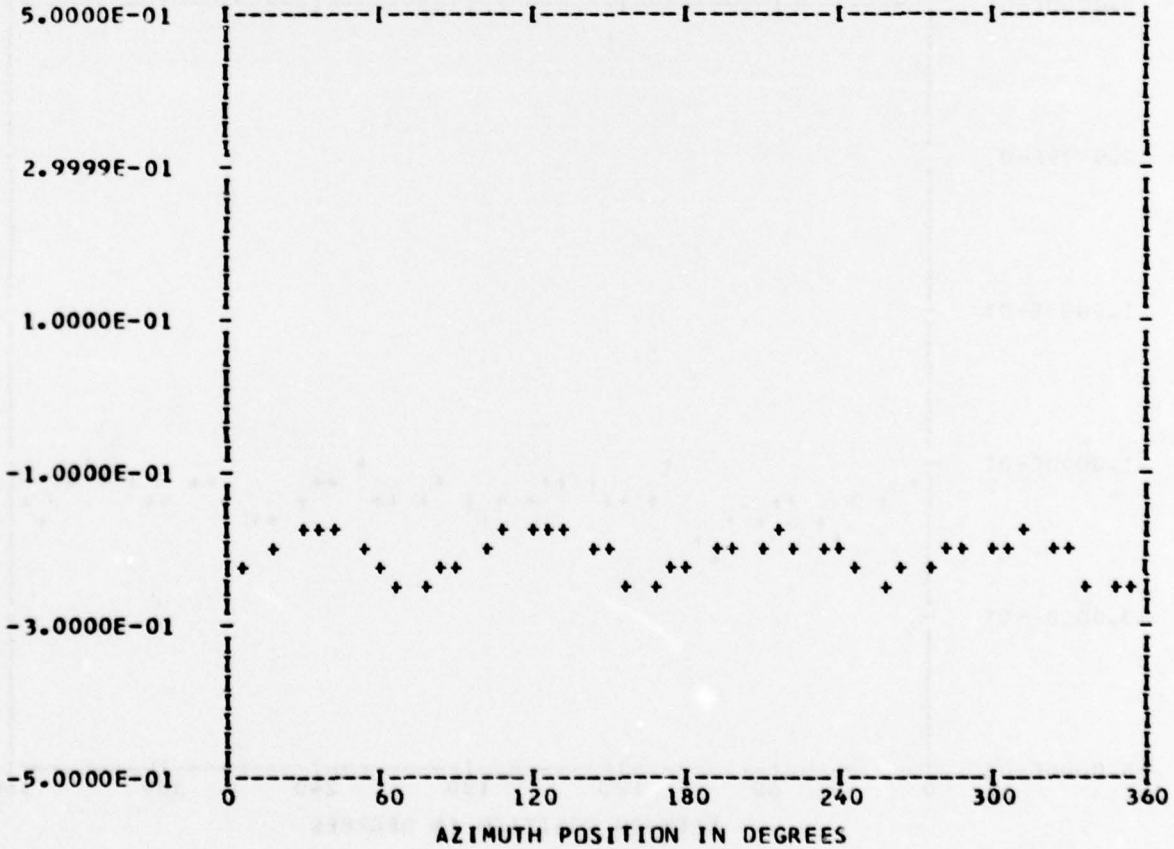
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20906E 00	1	-0.25671E-02	0.35452E-02	0.43770E-02	324.0
	2	-0.17447E-02	0.21599E-03	0.17580E-02	277.0
	3	0.33258E-02	0.13862E-02	0.36031E-02	67.3
	4	-0.14236E-01	0.30778E-01	0.33911E-01	335.1
	5	-0.45889E-02	-0.43875E-03	0.46099E-02	264.5
	6	-0.15197E-02	0.14314E-02	0.20878E-02	313.2
	7	-0.12318E-02	-0.62625E-03	0.13818E-02	243.0
	8	0.67288E-02	-0.86539E-03	0.67843E-02	97.3
	9	0.16846E-02	-0.22011E-02	0.27718E-02	142.5
	10	0.85431E-03	0.31911E-03	0.91196E-03	69.5

MAX=-0.16359E 00 MIN=-0.25680E 00 PEAK TO PEAK/2= 0.46607E-01



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

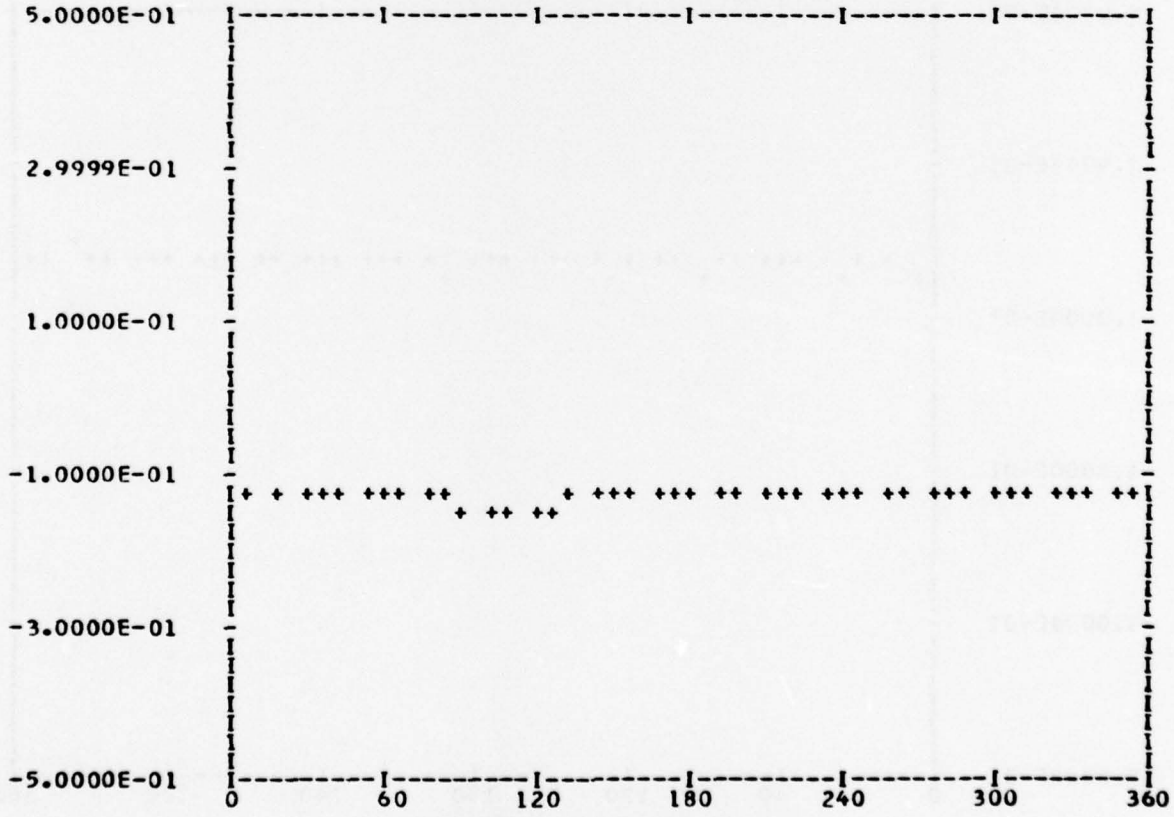
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13043E 00	1	0.19052E-02	-0.24706E-02	0.31199E-02	142.3
	2	0.26701E-02	0.11442E-02	0.29050E-02	66.8
	3	-0.15344E-02	0.14757E-02	0.21289E-02	313.8
	4	-0.92981E-03	-0.20354E-02	0.22377E-02	204.5
	5	-0.20939E-03	0.10461E-03	0.23407E-03	296.5
	6	0.53543E-03	0.22648E-03	0.58136E-03	67.0
	7	0.16807E-03	0.12726E-02	0.12837E-02	7.5
	8	-0.53652E-03	-0.97039E-03	0.11088E-02	208.9
	9	-0.43025E-03	0.10673E-03	0.44329E-03	283.9
	10	-0.64103E-03	0.39092E-03	0.75082E-03	301.3

MAX=-0.12427E 00 MIN=-0.14357E 00 PEAK TO PEAK/2= 0.96474E-02



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

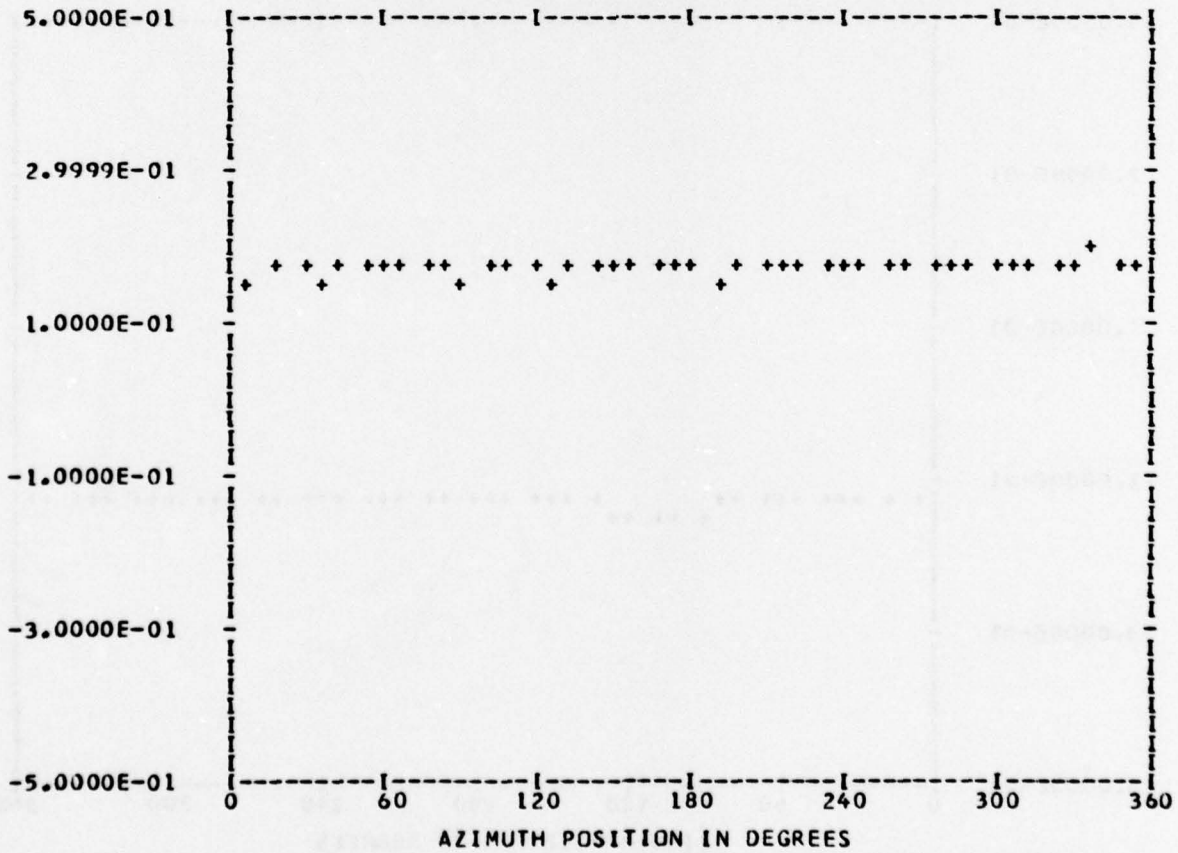
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.17121E 00	1	0.12049E-02	-0.68939E-02	0.69984E-02	170.0
	2	-0.19062E-02	-0.17795E-02	0.26078E-02	226.9
	3	-0.13604E-02	-0.18721E-03	0.13733E-02	262.1
	4	-0.49116E-02	-0.19301E-02	0.52772E-02	248.5
	5	-0.39063E-03	0.15279E-02	0.15771E-02	345.6
	6	-0.14329E-02	-0.76410E-03	0.16239E-02	241.9
	7	-0.60664E-03	0.80540E-03	0.10083E-02	323.0
	8	-0.10752E-02	0.24777E-02	0.27009E-02	336.5
	9	-0.51575E-04	0.85767E-03	0.85922E-03	356.5
	10	-0.46225E-03	0.27755E-04	0.46308E-03	273.4

MAX= 0.18810E 00 MIN= 0.15799E 00 PEAK TO PEAK/2= 0.15056E-01



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

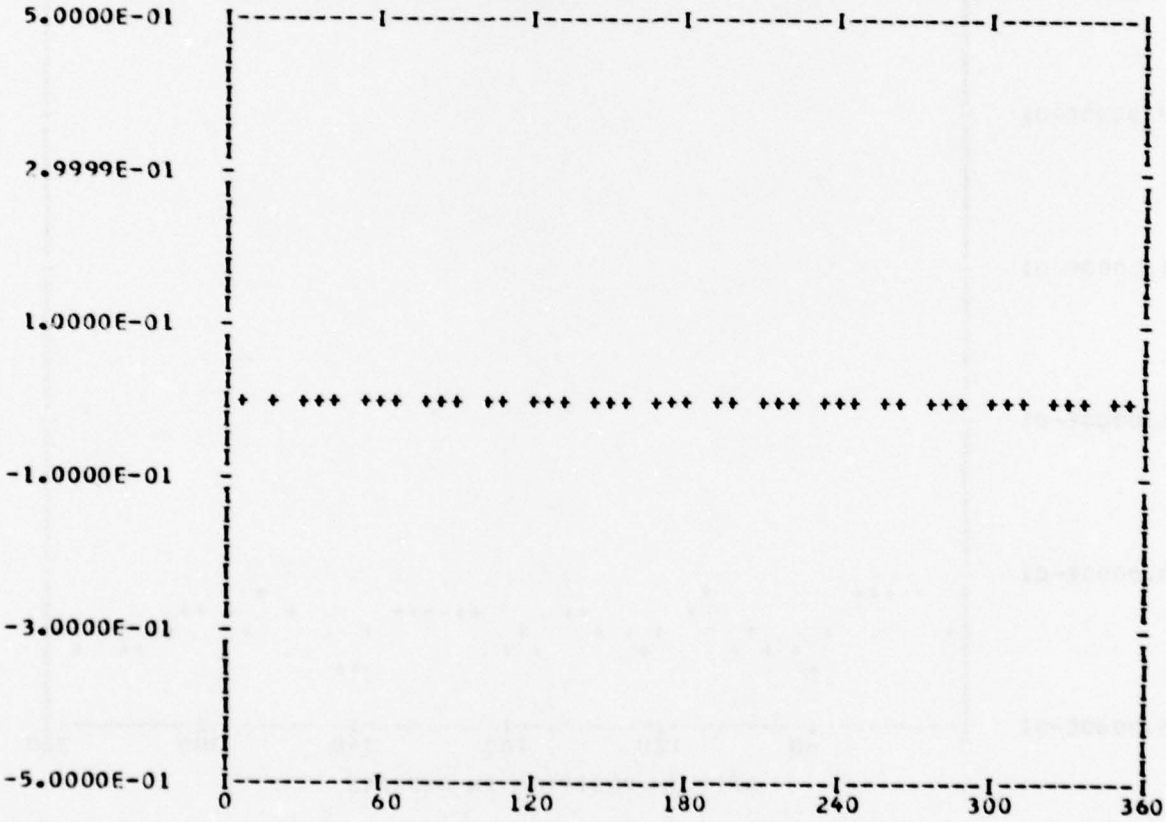
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16783E-02	1	0.23230E-04	-0.39619E-05	0.23565E-04	99.6
	2	0.56995E-04	-0.27222E-04	0.63162E-04	115.5
	3	-0.12168E-03	0.91464E-04	0.15222E-03	306.9
	4	0.43513E-04	0.22765E-04	0.49109E-04	62.3
	5	0.29750E-04	0.37596E-04	0.47943E-04	38.3
	6	-0.33044E-04	0.25830E-04	0.41941E-04	308.0
	7	-0.41142E-04	0.30938E-04	0.51476E-04	306.9
	8	0.26925E-04	-0.14778E-04	0.30715E-04	118.7
	9	0.10425E-04	0.35254E-04	0.36763E-04	16.4
	10	-0.17977E-04	0.93567E-05	0.20266E-04	297.4

MAX=-0.10784E-02 MIN=-0.21568E-02 PEAK TO PEAK/2= 0.53920E-03



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

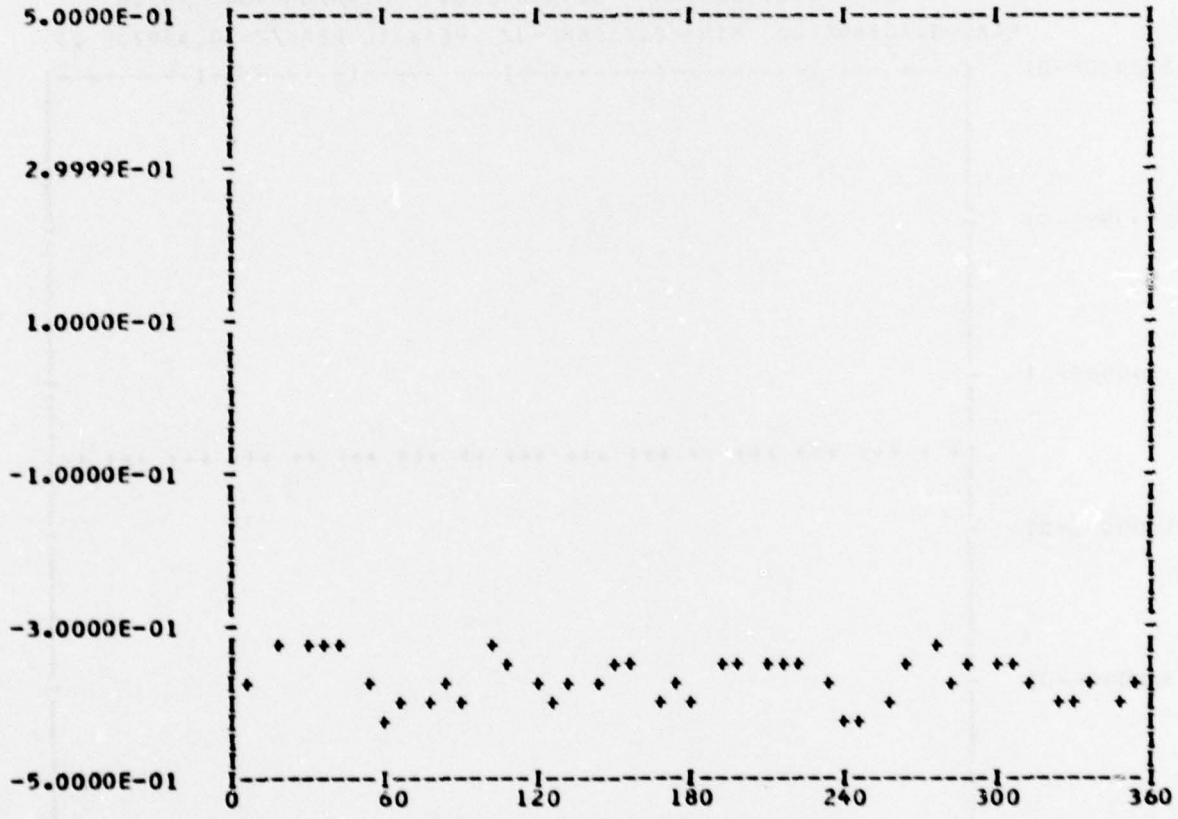
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 2

RUN 20
TP 2
CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.37082E 00	1	0.20634E-02	0.12496E-02	0.24124E-02	58.8
	2	0.57589E-02	0.16096E-02	0.59797E-02	74.3
	3	0.30248E-02	0.97671E-02	0.10224E-01	17.2
	4	0.12272E-01	0.16952E-01	0.20928E-01	35.9
	5	0.13268E-03	-0.16778E-02	0.16830E-02	175.4
	6	-0.11779E-01	0.60454E-02	0.13240E-01	297.1
	7	0.80385E-03	-0.65303E-02	0.65796E-02	172.9
	8	0.22928E-02	0.15554E-02	0.27706E-02	55.8
	9	-0.78238E-02	0.41882E-02	0.88743E-02	298.1
	10	0.43596E-02	0.18504E-02	0.47361E-02	67.0

MAX=-0.32112E 00 MIN=-0.41320E 00 PEAK TO PEAK/2= 0.46043E-01



8888 A N N DDDD EEEEE DDDD GGGG EEEEE
8 8 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
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

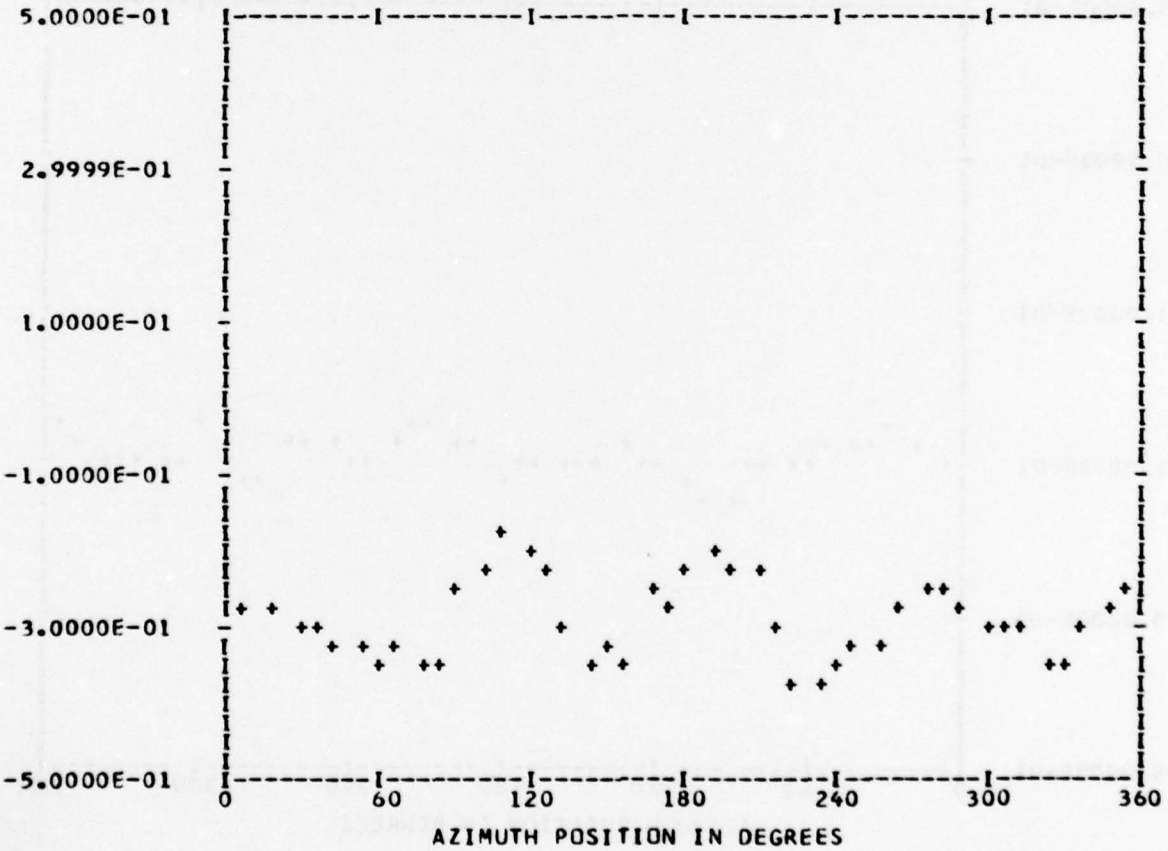
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
IP 2
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28896E 00	1	-0.96091E-02	0.98873E-02	0.13787E-01	315.8
	2	0.97355E-02	-0.15128E-01	0.17990E-01	147.2
	3	0.78491E-02	-0.57853E-02	0.97508E-02	126.3
	4	0.48560E-01	0.32734E-01	0.58563E-01	56.0
	5	-0.16684E-01	-0.16300E-01	0.23325E-01	225.6
	6	0.93330E-02	-0.84932E-02	0.12619E-01	132.3
	7	0.86611E-02	-0.31610E-02	0.92199E-02	110.0
	8	-0.31772E-02	0.88453E-03	0.32980E-02	285.5
	9	0.44725E-02	-0.50162E-02	0.67205E-02	138.2
	10	-0.52792E-02	-0.52416E-02	0.74393E-02	225.2

MAX=-0.17751E 00 MIN=-0.38445E 00 PEAK TO PEAK/2= 0.10347E 00



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

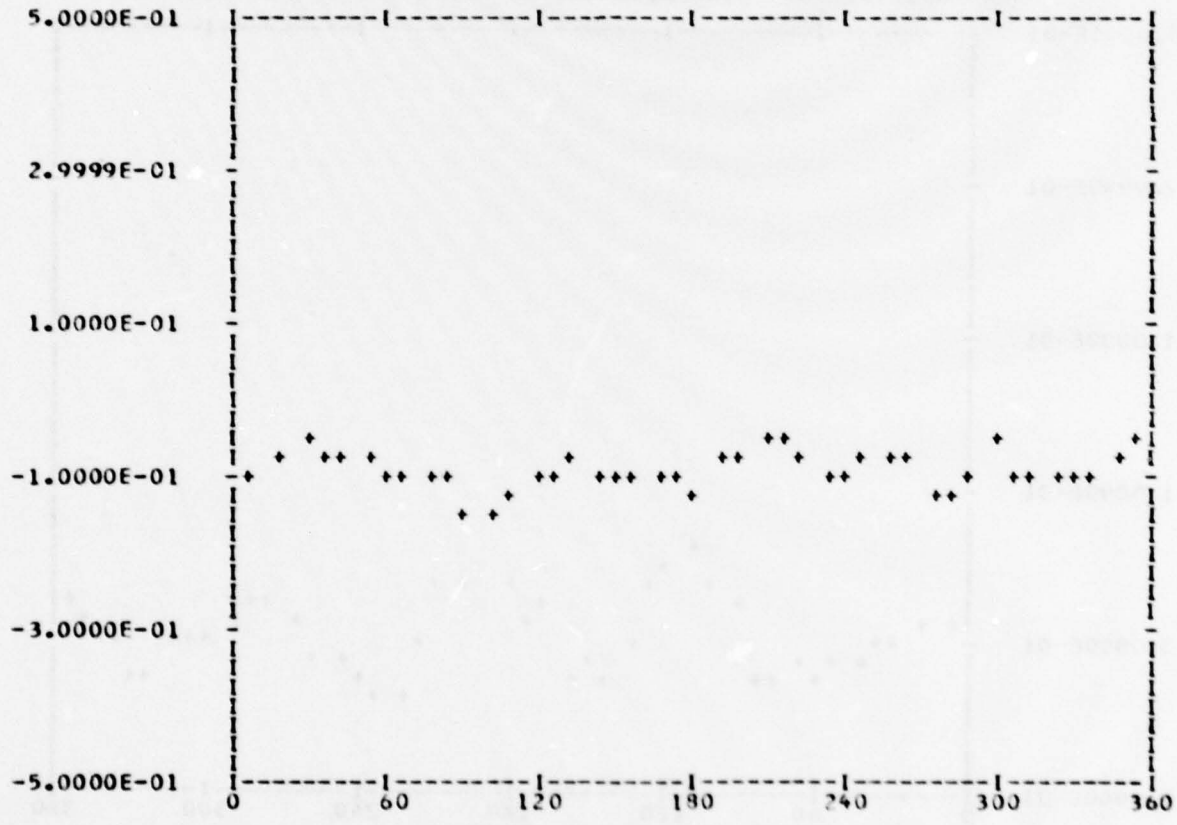
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.92351E-01	1	0.42900E-02	-0.69789E-02	0.81920E-02	148.4
	2	0.14416E-01	0.71458E-02	0.16090E-01	63.6
	3	0.43036E-02	0.37627E-02	0.57165E-02	48.8
	4	-0.70409E-02	0.63247E-02	0.94645E-02	311.9
	5	0.10428E-03	-0.90520E-02	0.90526E-02	179.3
	6	0.39049E-02	-0.97027E-03	0.40236E-02	103.9
	7	-0.18866E-02	-0.42925E-02	0.46888E-02	203.7
	8	-0.17719E-01	-0.26284E-02	0.17912E-01	261.5
	9	0.17297E-02	-0.10991E-02	0.20494E-02	122.4
	10	0.27462E-02	-0.83842E-03	0.28713E-02	106.9

MAX=-0.54405E-01 MIN=-0.15464E 00 PEAK TO PEAK/2= 0.50119E-01



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

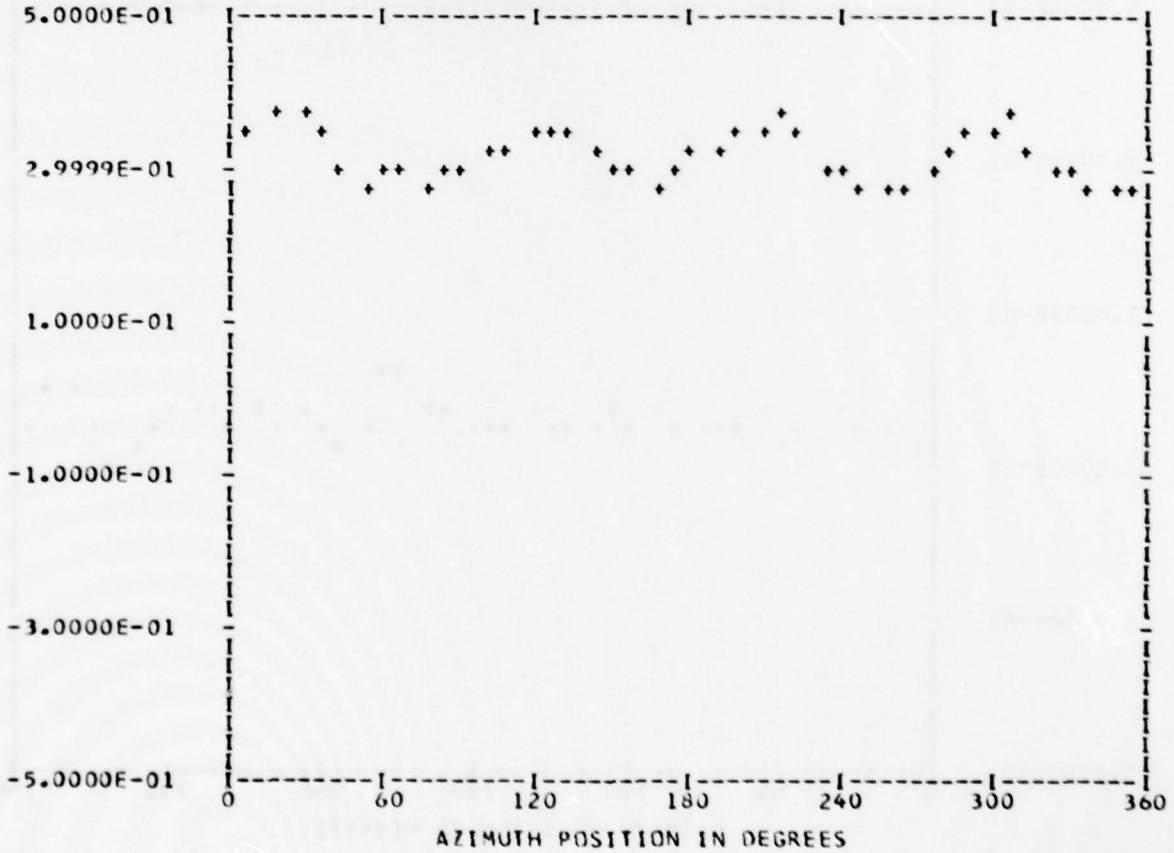
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.31533E 00	1	-0.34488E-02	-0.12337E-02	0.36629E-02	250.3
	2	0.52411E-02	-0.14860E-02	0.54477E-02	105.8
	3	-0.97312E-03	0.64928E-03	0.11698E-02	303.7
	4	-0.85440E-03	0.37663E-01	0.37672E-01	358.7
	5	0.59920E-02	0.47118E-02	0.76227E-02	51.8
	6	0.26624E-02	0.52623E-02	0.58975E-02	26.8
	7	-0.10305E-02	0.41584E-02	0.42842E-02	346.0
	8	-0.37943E-02	0.27515E-03	0.38042E-02	274.1
	9	-0.30502E-02	0.19836E-02	0.36385E-02	303.0
	10	-0.13516E-03	-0.75358E-03	0.76560E-03	190.1

MAX= 0.36647E 00 MIN= 0.27028E 00 PEAK TO PEAK= 0.48097E-01



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

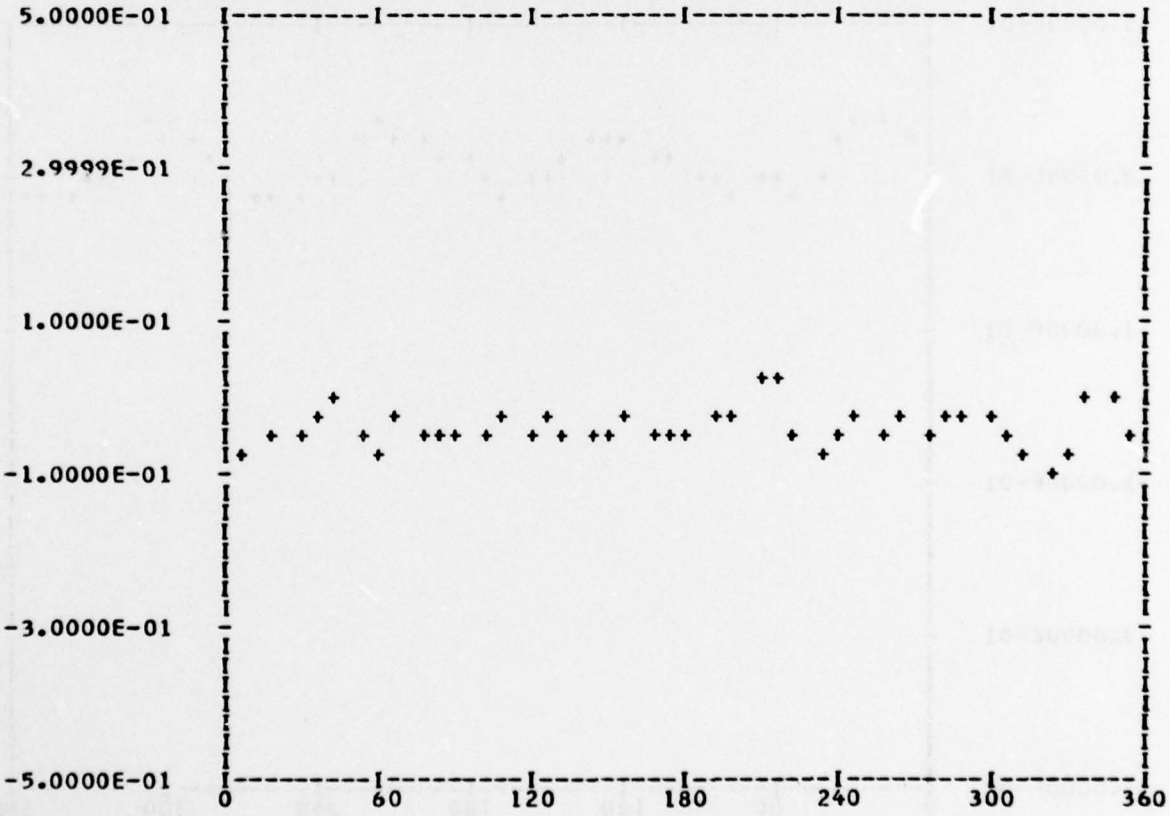
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.38927E-01	1	-0.76045E-02	-0.68489E-03	0.76352E-02	264.8
	2	0.23603E-02	0.58290E-02	0.62888E-02	22.0
	3	-0.50331E-03	-0.28298E-02	0.28742E-02	190.0
	4	0.48984E-02	0.40287E-02	0.63423E-02	50.5
	5	-0.64198E-02	-0.13924E-01	0.15333E-01	204.7
	6	-0.10091E-01	-0.14677E-02	0.10197E-01	261.7
	7	-0.48746E-02	-0.72510E-02	0.87372E-02	213.9
	8	-0.12906E-01	0.72321E-02	0.14794E-01	299.2
	9	0.17946E-02	0.81721E-03	0.19719E-02	65.5
	10	0.24254E-02	-0.17938E-02	0.30166E-02	126.4

MAX= 0.20943E-01 MIN=-0.98221E-01 PEAK TO PEAK/2= 0.59582E-01



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

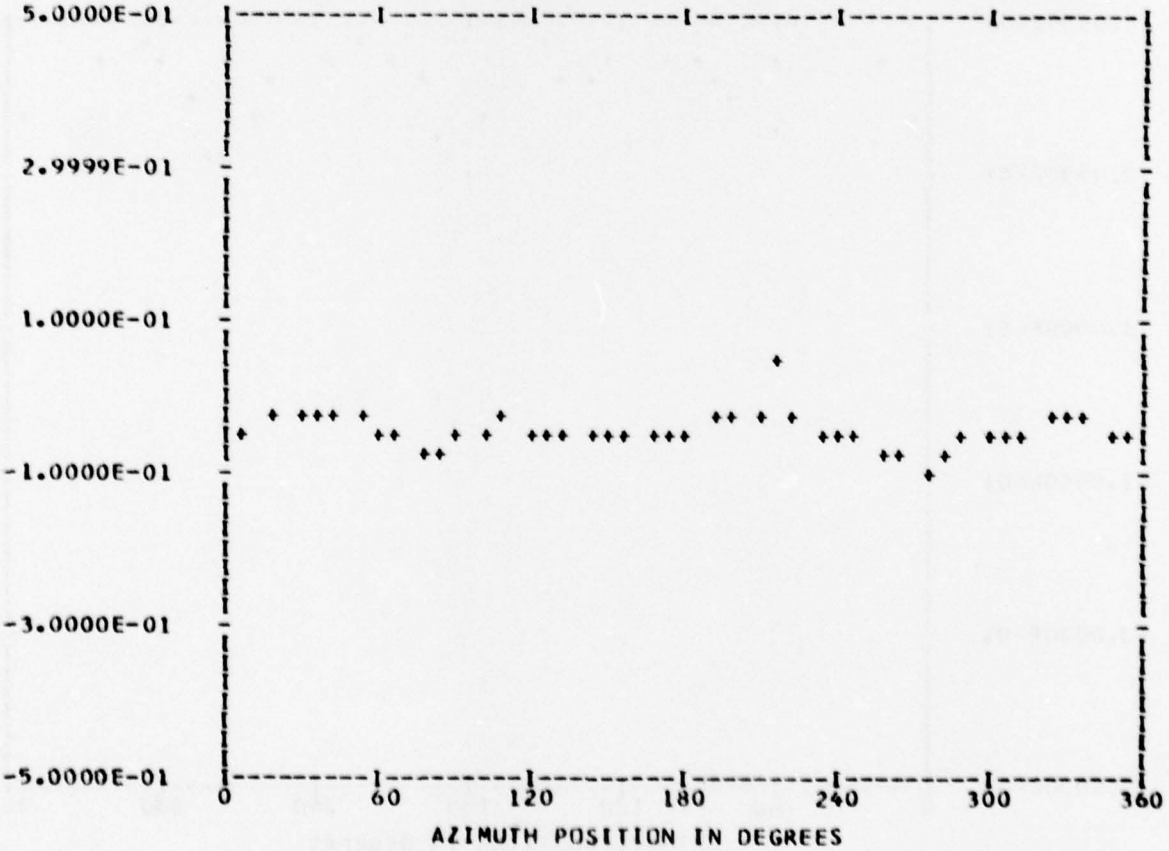
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.44461E-01	1	-0.16966E-02	0.41080E-02	0.44446E-02	337.5
	2	0.14225E-01	0.64627E-02	0.15624E-01	65.5
	3	-0.11354E-02	-0.84686E-02	0.85444E-02	187.6
	4	-0.14598E-01	0.11996E-01	0.18895E-01	309.4
	5	-0.18565E-02	-0.16402E-02	0.24772E-02	228.5
	6	-0.63745E-02	-0.93843E-03	0.64432E-02	261.6
	7	0.26837E-02	-0.26685E-04	0.26838E-02	90.5
	8	-0.39561E-02	0.12196E-02	0.41398E-02	287.1
	9	0.50176E-03	0.44520E-02	0.44802E-02	6.4
	10	0.27707E-02	-0.24974E-02	0.37301E-02	132.0

MAX= 0.42719E-01 MIN=-0.91201E-01 PEAK TO PEAK/2= 0.66960E-01



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

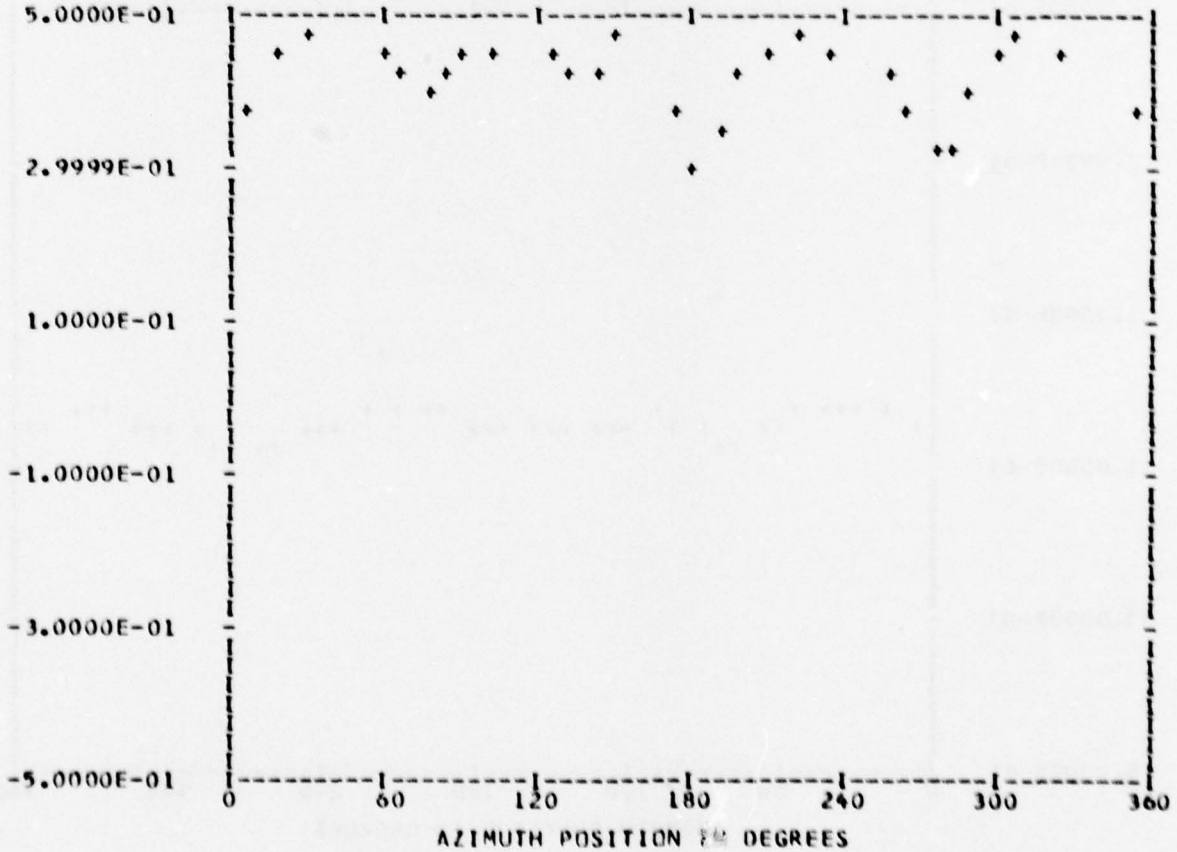
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 7
BANDEDGE 0

RUN 20
TP 2
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.44640E 00	1	0.13250E-01	0.95297E-02	0.16321E-01	54.2
	2	0.38960E-02	-0.40600E-02	0.56269E-02	136.1
	3	0.82420E-02	-0.13256E-01	0.15609E-01	148.1
	4	-0.52197E-01	0.45471E-02	0.52394E-01	274.9
	5	-0.12133E-01	0.28701E-01	0.31160E-01	337.0
	6	-0.21601E-01	-0.30073E-02	0.21809E-01	262.0
	7	0.13189E-01	-0.10520E-01	0.16871E-01	128.5
	8	-0.28797E-01	0.53235E-02	0.29285E-01	280.4
	9	0.12410E-01	-0.58331E-04	0.12410E-01	90.2
	10	-0.12985E-02	0.19195E-02	0.23174E-02	325.9

MAX= 0.53269E 00 MIN= 0.29708E 00 PEAK TO PEAK/2= 0.11780E 00



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

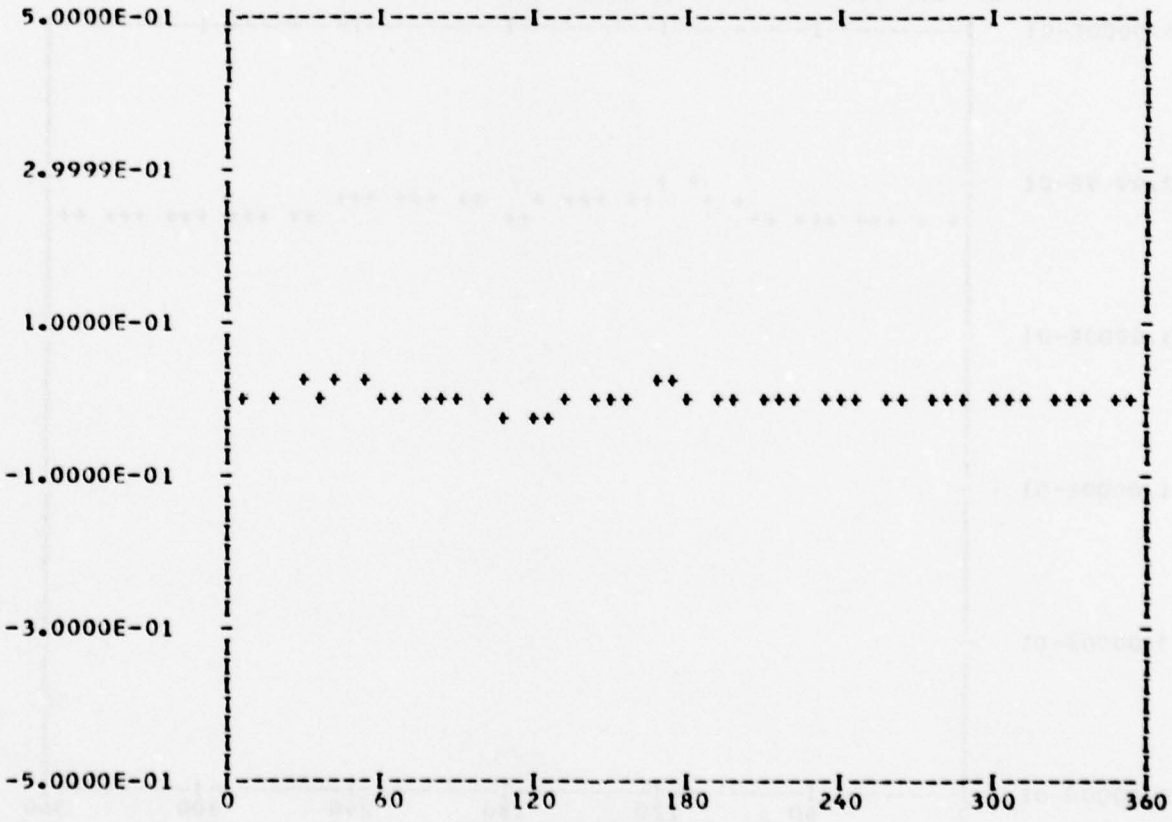
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24489E-02	1	0.25247E-02	-0.10390E-02	0.27302E-02	112.3
	2	0.68216E-02	0.24980E-02	0.72646E-02	69.8
	3	-0.29252E-02	0.35552E-02	0.46039E-02	320.5
	4	-0.36191E-02	-0.18009E-02	0.40424E-02	243.5
	5	0.66330E-03	0.41654E-02	0.42179E-02	9.0
	6	-0.71011E-03	-0.25399E-03	0.75416E-03	250.3
	7	-0.57626E-03	0.14558E-02	0.15657E-02	338.4
	8	0.81206E-03	0.35830E-03	0.88759E-03	66.1
	9	-0.63029E-04	0.29781E-03	0.30441E-03	348.0
	10	-0.30154E-03	0.12901E-02	0.13249E-02	346.8

MAX= 0.17210E-01 MIN=-0.14562E-01 PEAK TO PEAK/2= 0.15886E-01



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

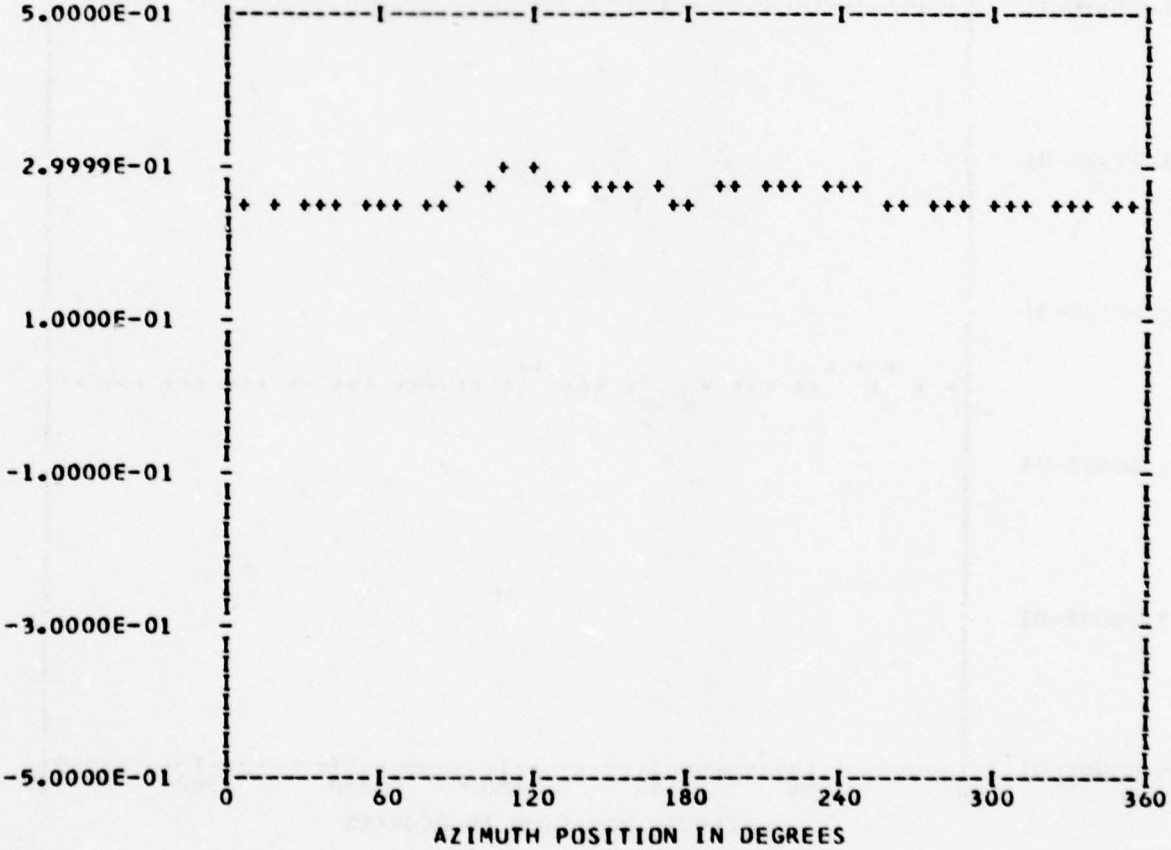
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.26262E 00	1	-0.91427E-02	0.70554E-02	0.11548E-01	307.6
	2	-0.25544E-02	-0.48429E-02	0.54753E-02	207.8
	3	0.58741E-02	-0.29641E-02	0.65796E-02	116.7
	4	-0.40725E-03	0.47238E-02	0.47413E-02	355.0
	5	-0.16890E-02	0.49065E-03	0.17588E-02	286.1
	6	0.10580E-02	-0.25791E-02	0.27877E-02	157.6
	7	0.26801E-02	-0.50192E-03	0.27267E-02	100.6
	8	-0.80279E-03	0.28340E-02	0.29455E-02	344.1
	9	-0.12743E-02	0.69419E-04	0.12762E-02	273.1
	10	-0.43868E-03	-0.28335E-03	0.52223E-03	237.1

MAX= 0.29720E 00 MIN= 0.24876E 00 PEAK TO PEAK/2= 0.24217E-01



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

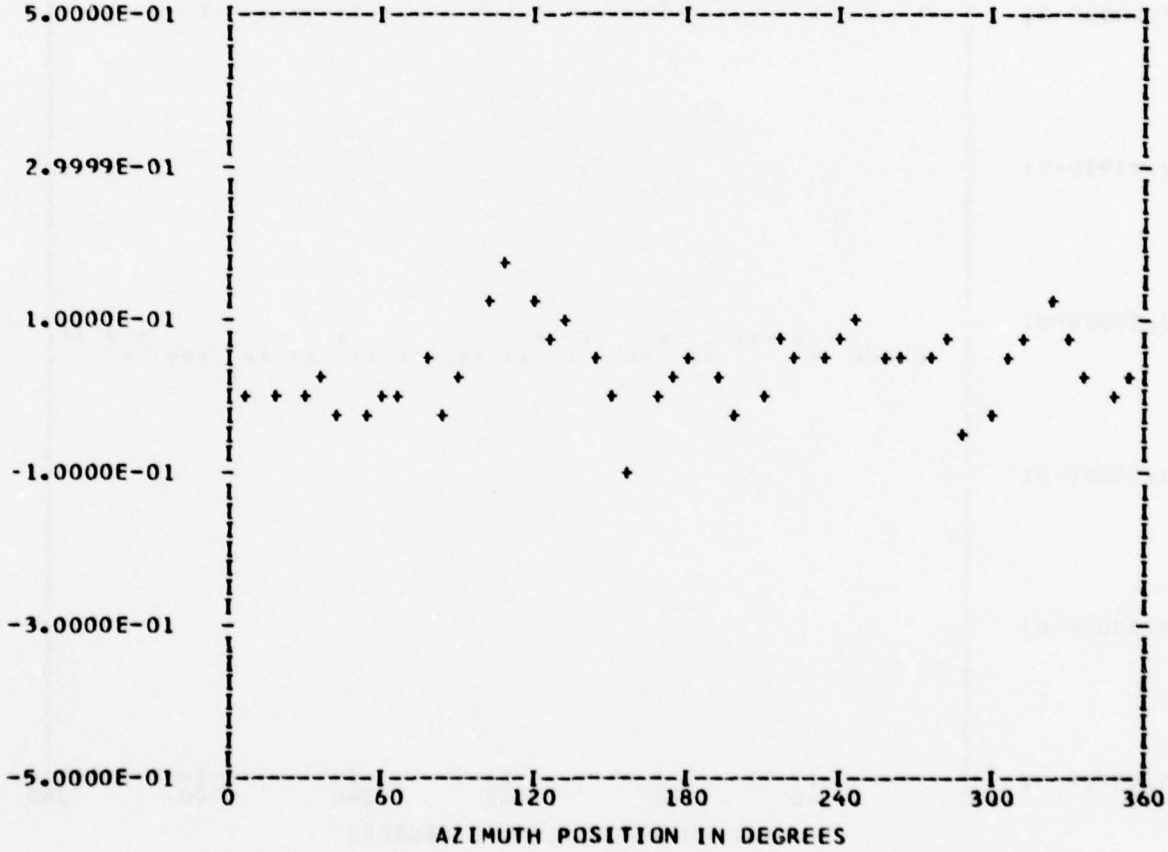
*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32777E-01	1	-0.91650E-02	-0.28902E-02	0.96099E-02	252.4
	2	-0.24626E-01	-0.14856E-01	0.28760E-01	238.8
	3	0.28782E-01	-0.24232E-01	0.37625E-01	130.0
	4	-0.52292E-02	0.86044E-02	0.10068E-01	328.7
	5	-0.28986E-01	0.10390E-02	0.29005E-01	272.0
	6	0.10097E-01	0.69195E-02	0.12240E-01	55.5
	7	-0.72237E-03	0.17188E-01	0.17203E-01	357.5
	8	0.10403E-01	0.56116E-03	0.10418E-01	86.9
	9	-0.11587E-01	-0.77691E-02	0.13950E-01	236.1
	10	0.10810E-01	-0.26115E-01	0.28264E-01	157.5

MAX= 0.17695E 00 MIN=-0.10345E 00 PEAK TO PEAK/2= 0.14020E 00



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

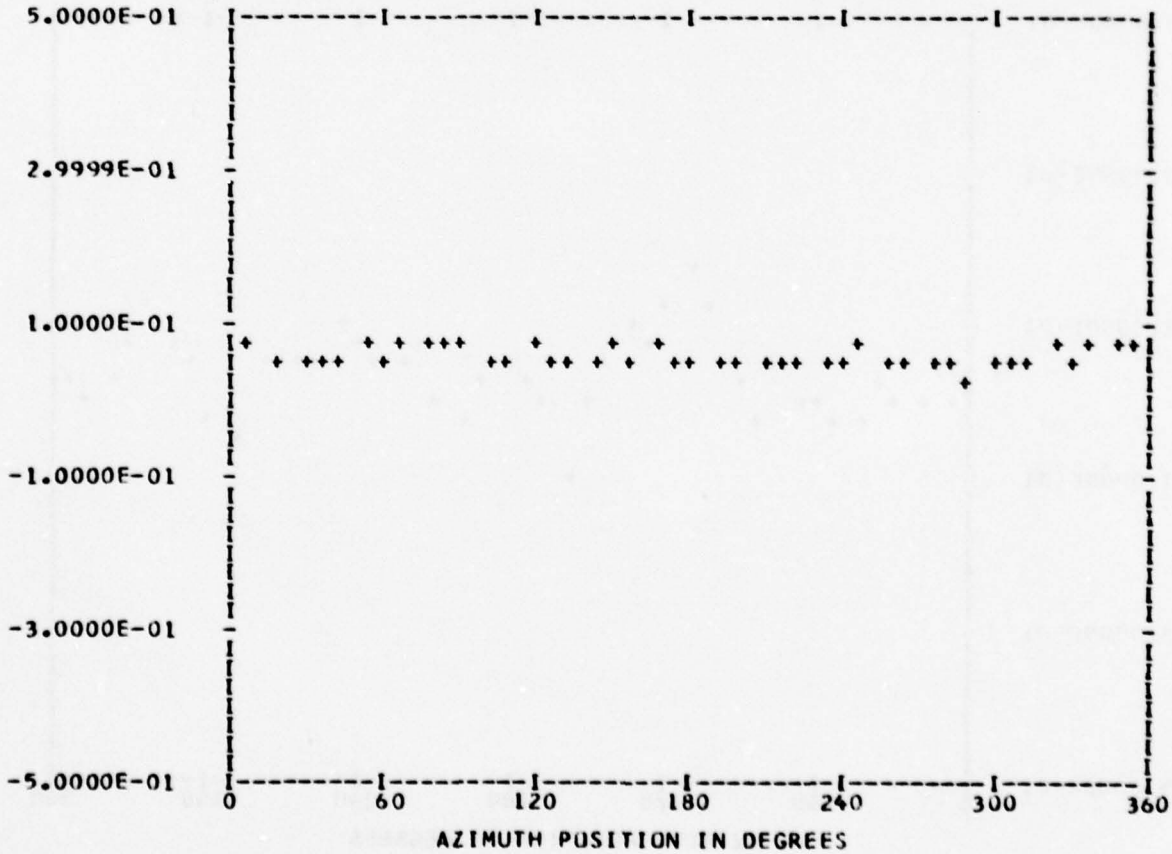
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.57270E-01	1	0.53661E-02	0.45653E-02	0.70454E-02	49.6
	2	0.78033E-03	0.22587E-03	0.81236E-03	73.8
	3	-0.84381E-04	-0.44349E-02	0.44357E-02	181.0
	4	-0.10959E-02	-0.84389E-02	0.85098E-02	187.3
	5	-0.83898E-03	0.19022E-02	0.20790E-02	336.1
	6	-0.38069E-03	0.24569E-03	0.45309E-03	302.8
	7	0.17001E-02	-0.16596E-02	0.23759E-02	134.3
	8	0.37119E-03	0.10825E-02	0.11444E-02	18.9
	9	0.86139E-03	-0.12777E-02	0.15409E-02	146.0
	10	0.14467E-02	0.72334E-03	0.16174E-02	63.4

MAX= 0.77836E-01 MIN= 0.36393E-01 PEAK TO PEAK/2= 0.20721E-01



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

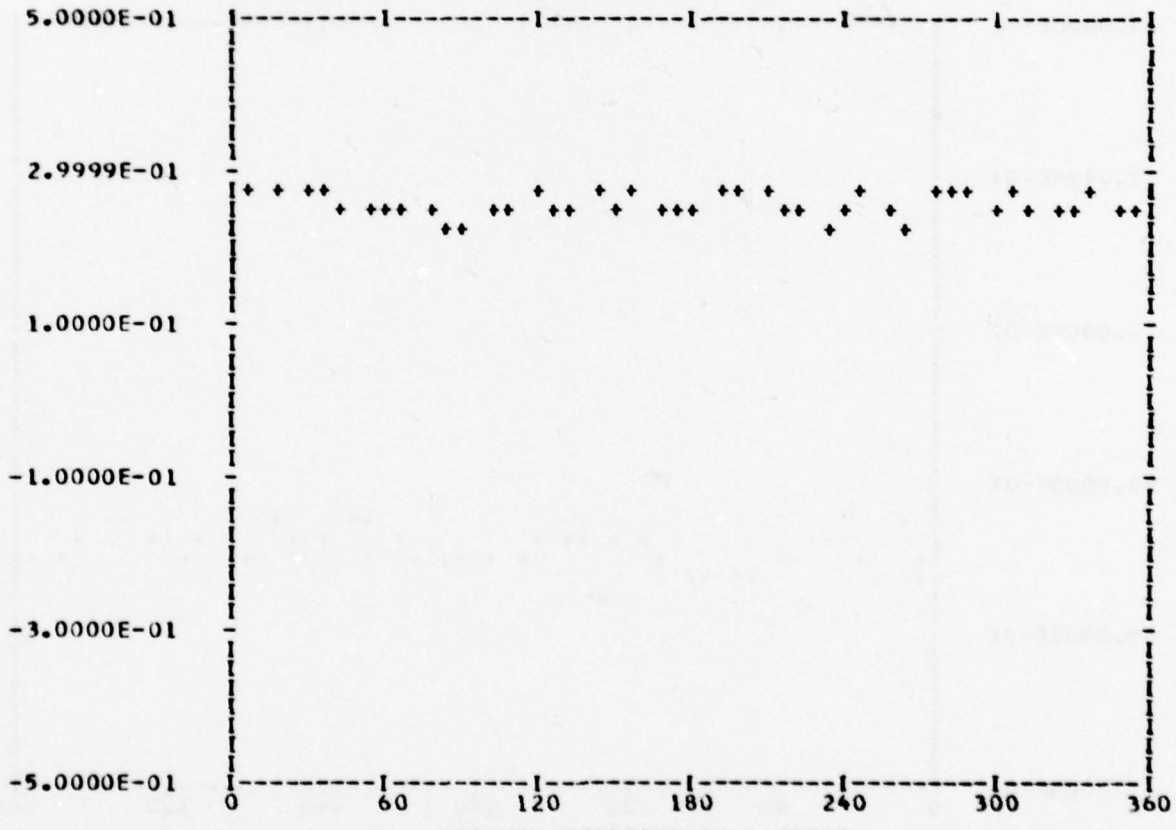
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 20
TP 2
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.25781E 00	1	0.84954E-03	-0.28815E-02	0.30041E-02	163.5
	2	0.71886E-02	-0.87577E-03	0.72418E-02	96.9
	3	-0.16206E-02	0.39486E-02	0.42682E-02	337.6
	4	0.13919E-02	0.79786E-02	0.80991E-02	9.8
	5	-0.82832E-03	-0.55671E-02	0.56284E-02	188.4
	6	0.16766E-02	0.19014E-02	0.25350E-02	41.4
	7	-0.87829E-04	0.63155E-03	0.63762E-03	352.0
	8	-0.31421E-02	0.83612E-02	0.89321E-02	339.4
	9	0.82939E-03	0.56424E-03	0.10031E-02	55.7
	10	0.93017E-03	-0.65931E-03	0.11401E-02	125.3

MAX= 0.28128E 00 MIN= 0.22740E 00 PEAK TO PEAK/2= 0.26942E-01



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

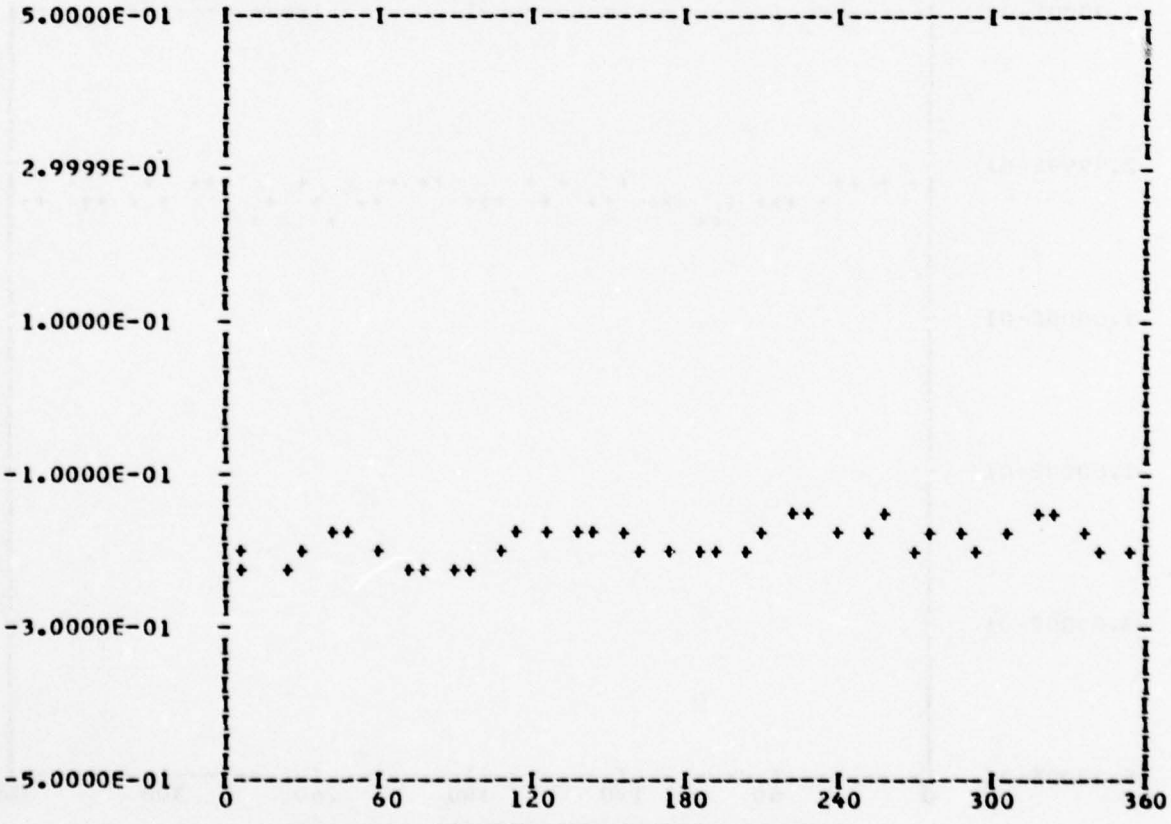
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.18865E 00	1	-0.95168E-02	-0.13861E-01	0.16813E-01	214.4
	2	-0.58232E-03	-0.59595E-02	0.59879E-02	185.5
	3	0.46826E-02	-0.68713E-03	0.47327E-02	98.3
	4	-0.17299E-01	0.94490E-02	0.19711E-01	298.6
	5	-0.55885E-02	-0.15059E-03	0.55905E-02	268.4
	6	-0.27484E-02	-0.57592E-03	0.28081E-02	258.1
	7	0.18270E-02	-0.20801E-02	0.27685E-02	138.7
	8	0.15163E-02	-0.26074E-02	0.30162E-02	149.8
	9	-0.28199E-03	-0.13071E-02	0.13372E-02	192.1
	10	0.15702E-02	-0.34247E-02	0.37675E-02	155.3

MAX=-0.15551E 00 MIN=-0.23281E 00 PEAK TO PEAK/2= 0.38651E-01



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

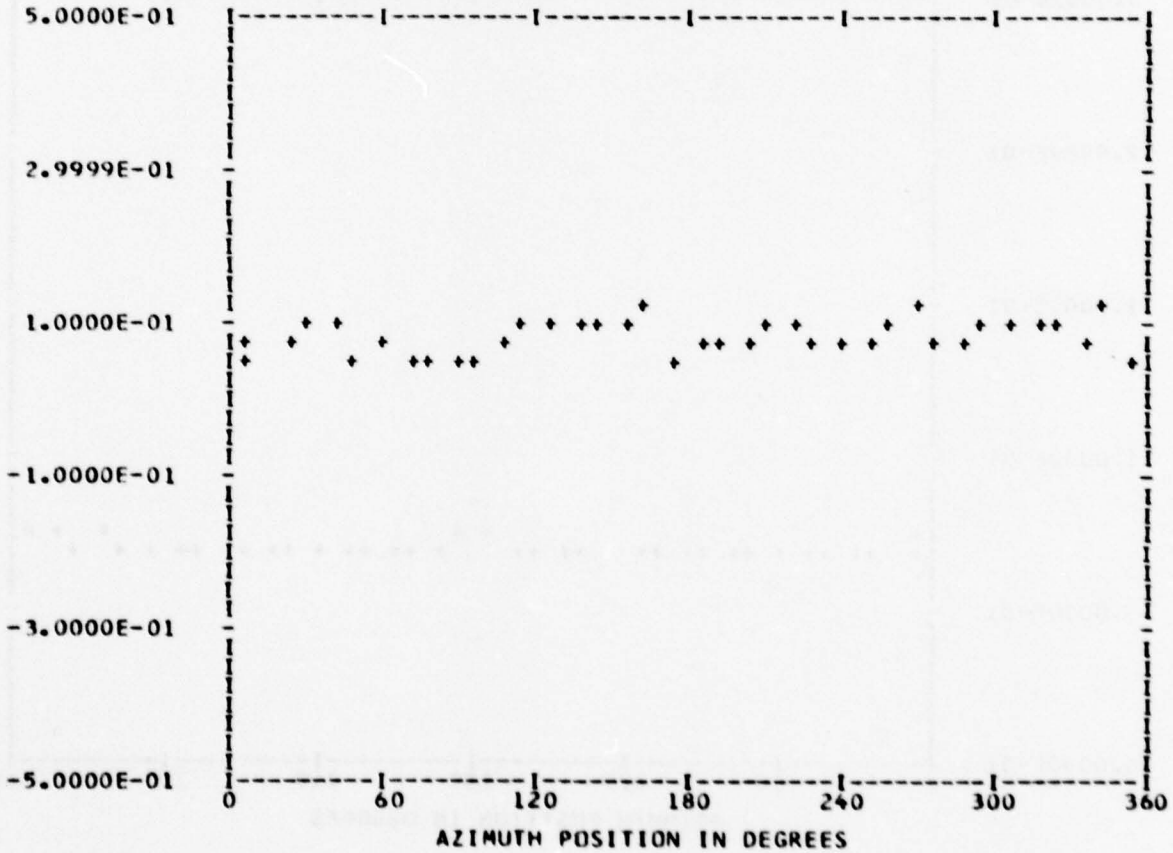
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.83152E-01	1	-0.64749E-02	-0.80853E-02	0.10358E-01	218.6
	2	0.63032E-03	-0.13319E-01	0.13334E-01	177.2
	3	0.36467E-02	0.64475E-02	0.74074E-02	29.4
	4	-0.85211E-02	0.44397E-02	0.96084E-02	297.5
	5	-0.69944E-02	-0.43588E-02	0.82414E-02	238.0
	6	-0.59254E-02	0.44638E-02	0.74186E-02	306.9
	7	0.22603E-02	0.39165E-02	0.45219E-02	29.9
	8	-0.86600E-02	-0.61440E-02	0.10618E-01	234.6
	9	-0.61759E-02	-0.11747E-02	0.62866E-02	259.2
	10	-0.68811E-03	0.74398E-02	0.74716E-02	354.7

MAX= 0.13652E 00 MIN= 0.42893E-01 PEAK TO PEAK/2= 0.46815E-01



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

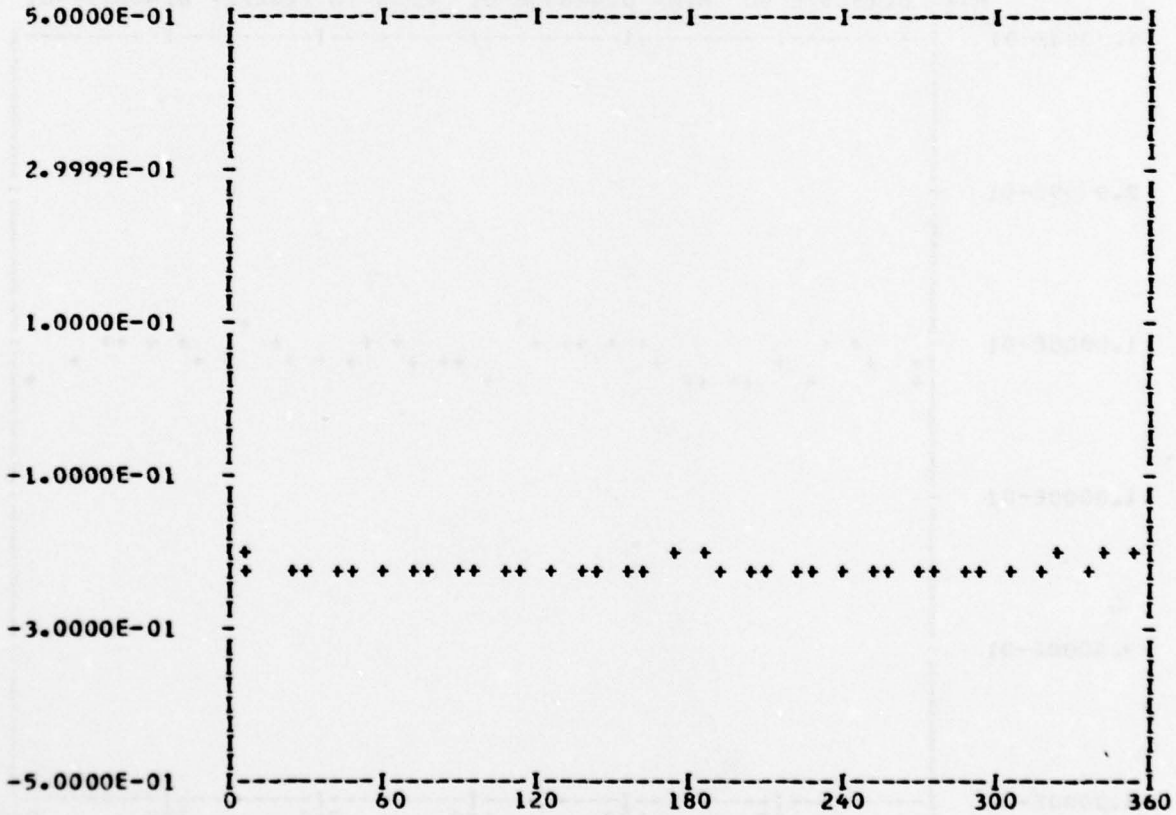
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21902E 00	1	0.52831E-03	-0.19892E-02	0.20582E-02	165.1
	2	0.27527E-02	-0.36886E-02	0.46025E-02	143.2
	3	-0.17751E-02	0.43615E-03	0.18279E-02	283.8
	4	-0.21013E-03	-0.33313E-02	0.33379E-02	183.6
	5	0.46197E-03	-0.11665E-02	0.12547E-02	158.3
	6	0.51904E-03	-0.11817E-02	0.12906E-02	156.2
	7	-0.51437E-03	0.21891E-03	0.55901E-03	293.0
	8	0.55303E-03	-0.25509E-02	0.26102E-02	167.7
	9	-0.37311E-03	0.28770E-04	0.37422E-03	274.4
	10	-0.46005E-03	-0.42600E-03	0.62700E-03	227.2

MAX=-0.20691E 00 MIN=-0.22821E 00 PEAK TO PEAK/2= 0.10650E-01



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

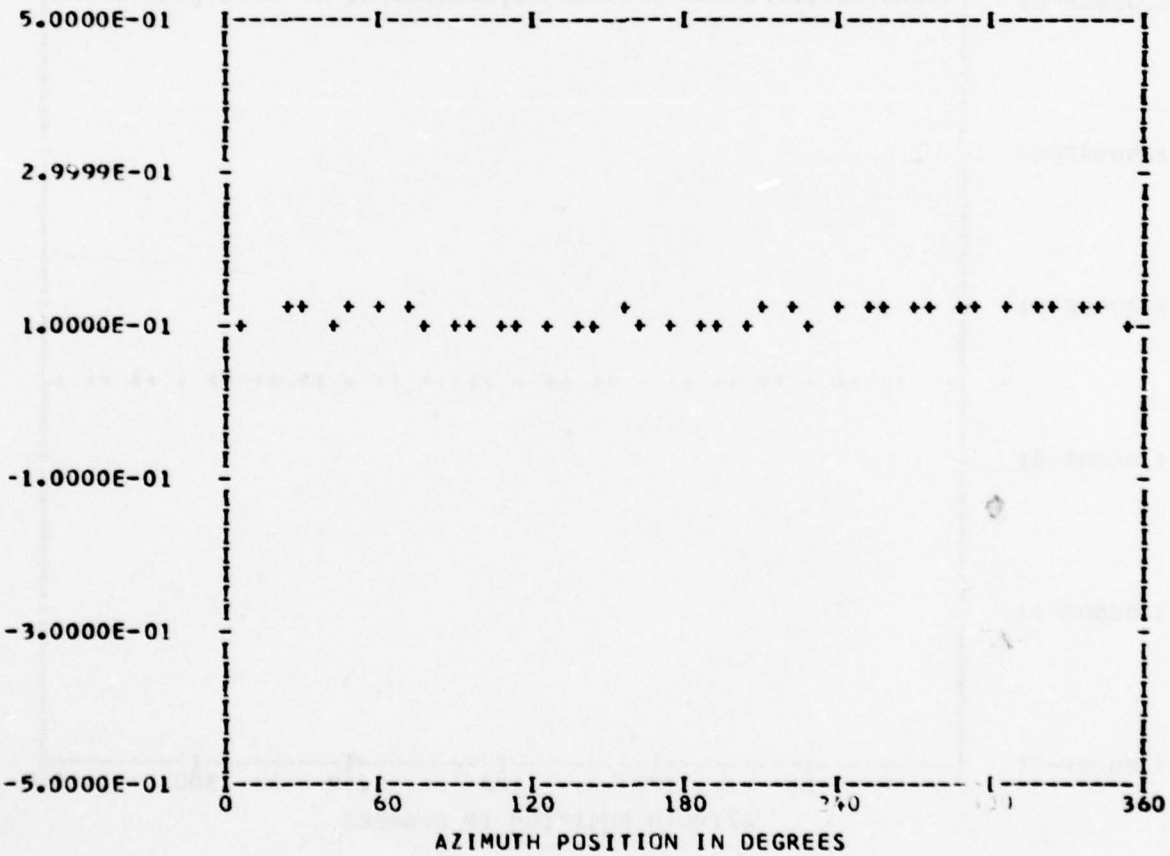
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.11347E 00	1	0.39434E-02	-0.84023E-02	0.92816E-02	154.8
	2	0.22138E-03	-0.19224E-02	0.19351E-02	173.4
	3	-0.31280E-02	0.13182E-02	0.33944E-02	292.8
	4	-0.44069E-02	-0.21279E-02	0.48938E-02	244.2
	5	-0.14069E-02	-0.77775E-03	0.16075E-02	241.0
	6	-0.95806E-03	0.67668E-04	0.96045E-03	274.0
	7	0.11650E-02	0.15486E-02	0.19379E-02	36.9
	8	-0.18657E-02	0.32384E-02	0.37374E-02	330.0
	9	-0.55787E-03	0.58400E-03	0.80764E-03	316.3
	10	0.64630E-03	-0.89854E-03	0.11068E-02	144.2

MAX= 0.13364E 00 MIN= 0.96107E-01 PEAK TO PEAK/2= 0.18767E-01



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

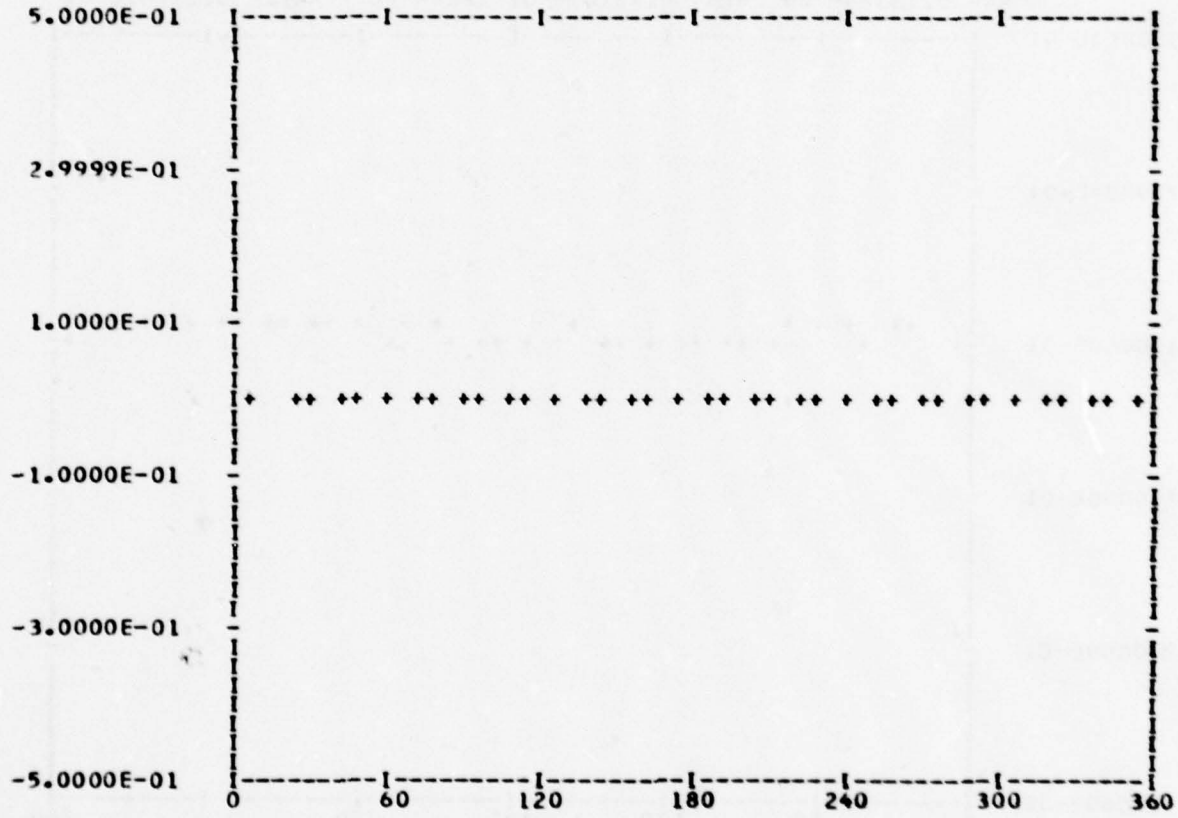
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12464E-02	1	0.17517E-04	0.39067E-05	0.17947E-04	77.4
	2	-0.43709E-03	0.25903E-04	0.43786E-03	273.3
	3	0.14571E-03	0.79596E-04	0.16603E-03	61.3
	4	-0.66963E-04	-0.11018E-03	0.12894E-03	211.2
	5	-0.14480E-03	0.24760E-04	0.14690E-03	279.7
	6	-0.10608E-04	0.14951E-03	0.14989E-03	355.9
	7	0.13346E-03	0.11401E-03	0.17553E-03	49.4
	8	0.83671E-04	-0.30066E-03	0.31209E-03	164.4
	9	-0.93479E-04	0.11776E-04	0.94218E-04	277.1
	10	0.10168E-03	0.50081E-04	0.11334E-03	63.7

MAX= 0.15097E-02 MIN=-0.24587E-02 PEAK TO PEAK/2= 0.19842E-02



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

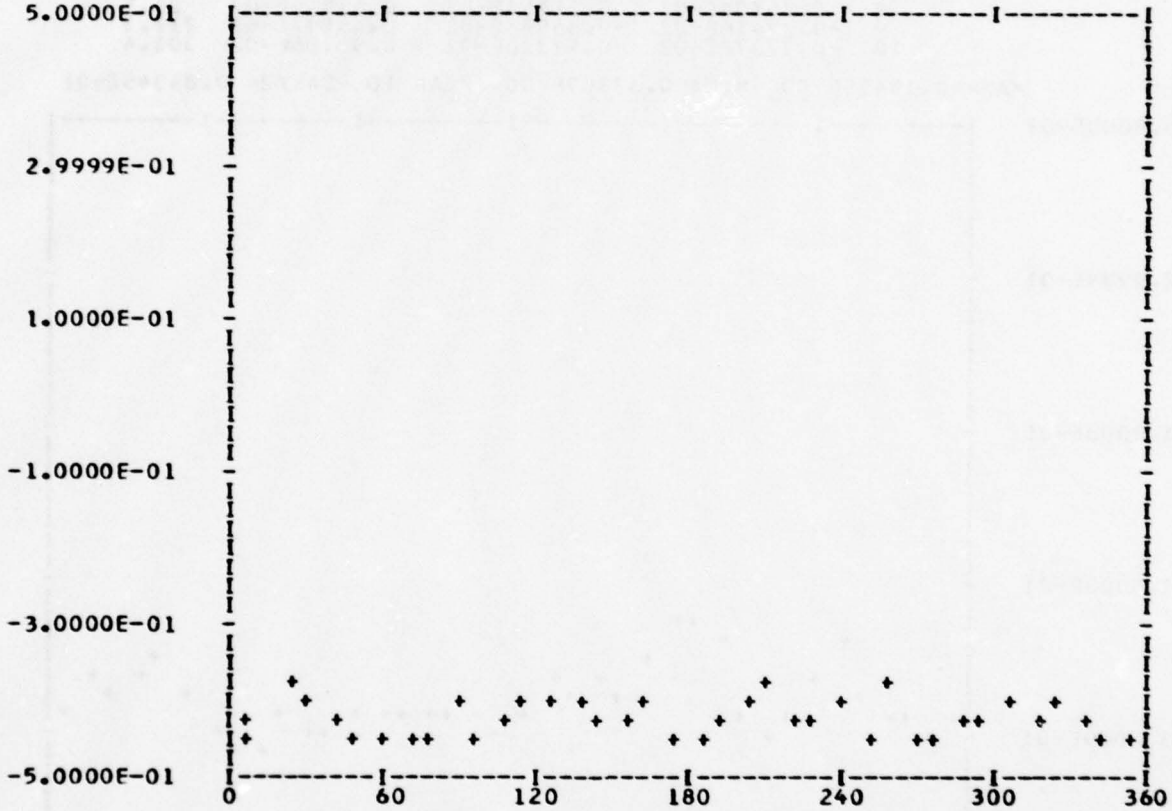
*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 38
OUT OF RANGE 0
BANDEDGE 9

RUN 21
TP 2
CHAN 61

HARMONIC ANALYSIS SKIPPED

MAX=-0.35948E 00 MIN=-0.44937E 00 PEAK TO PEAK/2= 0.44946E-01

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

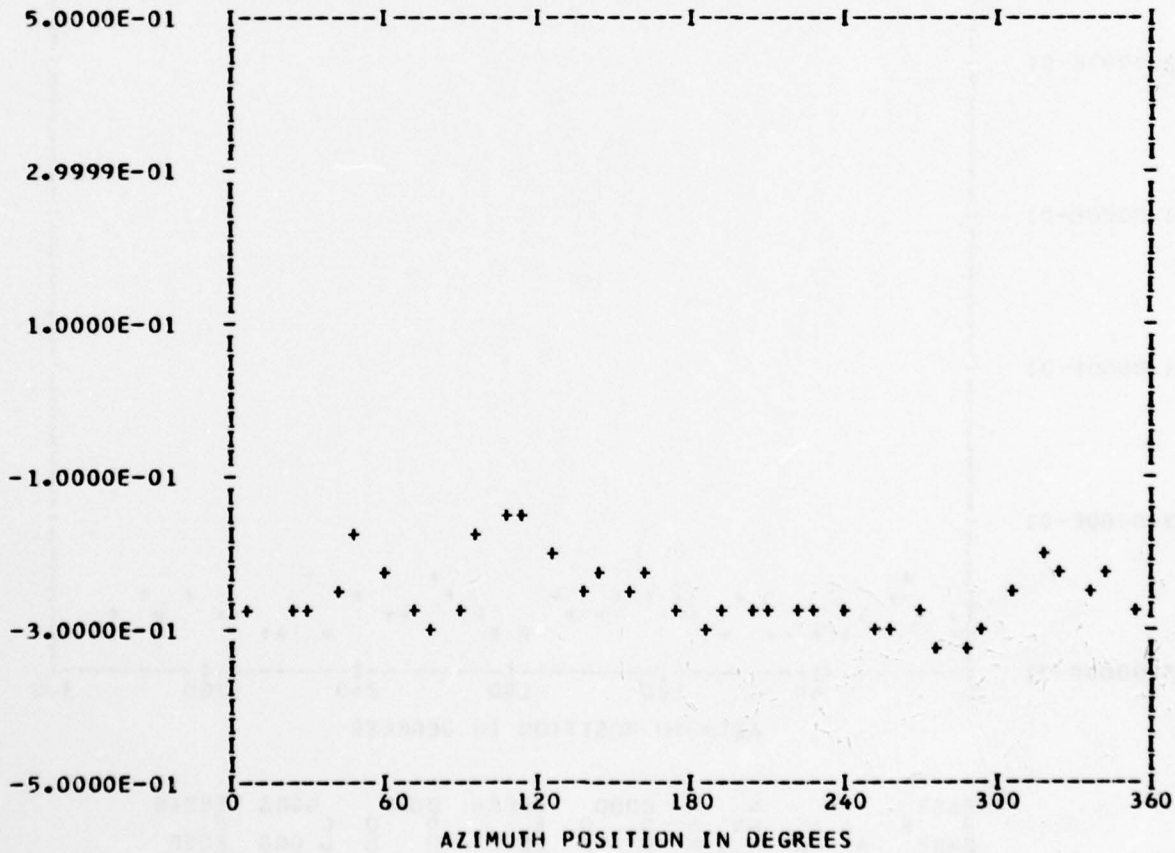
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25693E 00	1	0.35406E-02	0.33224E-01	0.33412E-01	6.0
	2	-0.66090E-02	-0.18110E-01	0.19278E-01	200.0
	3	0.55728E-02	-0.12671E-01	0.13843E-01	156.2
	4	-0.17644E-01	0.82105E-02	0.19461E-01	294.9
	5	-0.19790E-01	-0.38968E-03	0.19794E-01	268.8
	6	-0.36951E-02	-0.11165E-01	0.11761E-01	198.3
	7	0.23015E-01	-0.17631E-02	0.23082E-01	94.3
	8	0.25708E-02	0.51453E-02	0.57519E-02	26.5
	9	-0.27416E-02	-0.35933E-02	0.45197E-02	217.3
	10	-0.77378E-02	0.47330E-02	0.90706E-02	301.4

MAX=-0.15439E 00 MIN=-0.32309E 00 PEAK TO PEAK/2= 0.84345E-01



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

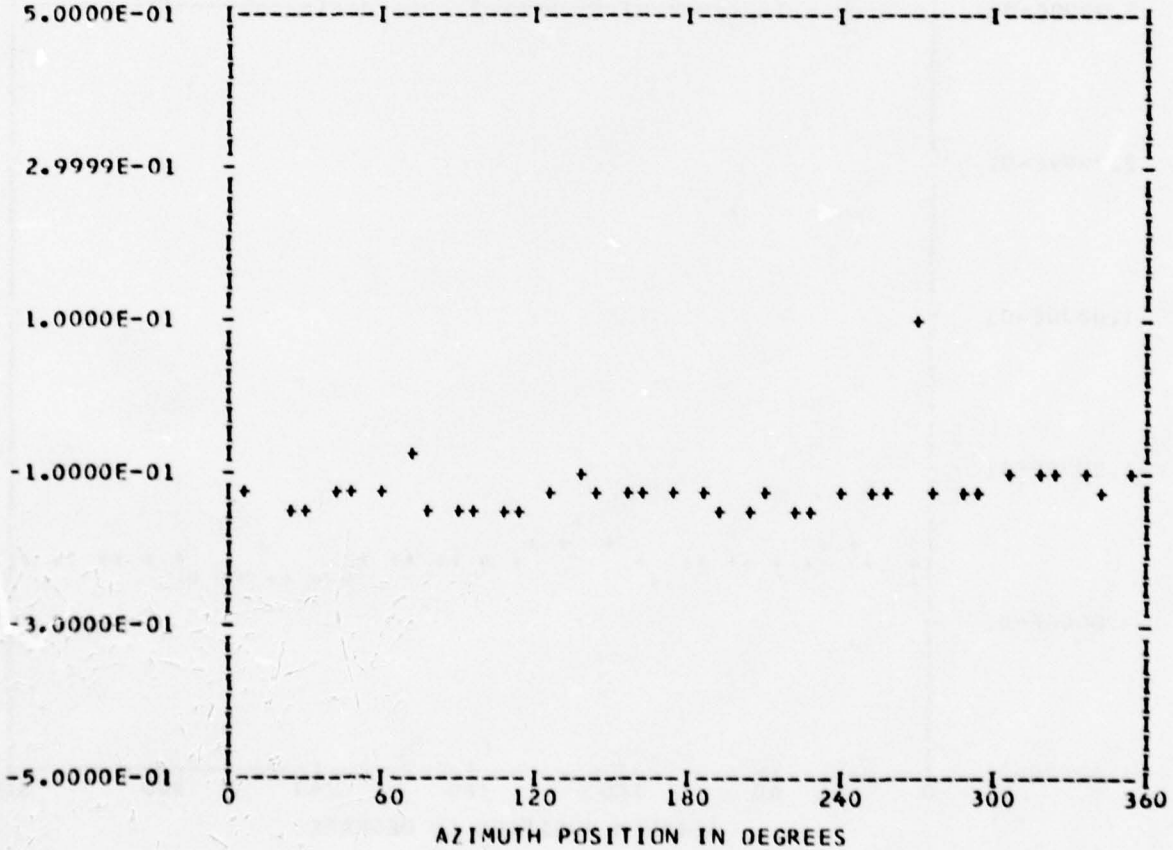
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12186E 00	1	0.44967E-02	-0.19757E-01	0.20262E-01	167.1
	2	-0.10956E-01	-0.26129E-02	0.11263E-01	256.5
	3	0.29726E-02	0.12482E-01	0.12831E-01	13.3
	4	-0.19882E-02	-0.14768E-01	0.14902E-01	187.6
	5	-0.93817E-02	-0.11075E-01	0.14514E-01	220.2
	6	0.55381E-02	0.10023E-01	0.11452E-01	28.9
	7	0.11216E-01	0.22616E-02	0.11442E-01	78.5
	8	0.13759E-03	-0.14183E-01	0.14183E-01	179.4
	9	-0.11447E-01	0.24061E-02	0.11697E-01	281.8
	10	0.47057E-03	0.75221E-02	0.75368E-02	3.5

MAX= 0.91401E-01 MIN=-0.15853E 00 PEAK TO PEAK/2= 0.12496E 00



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

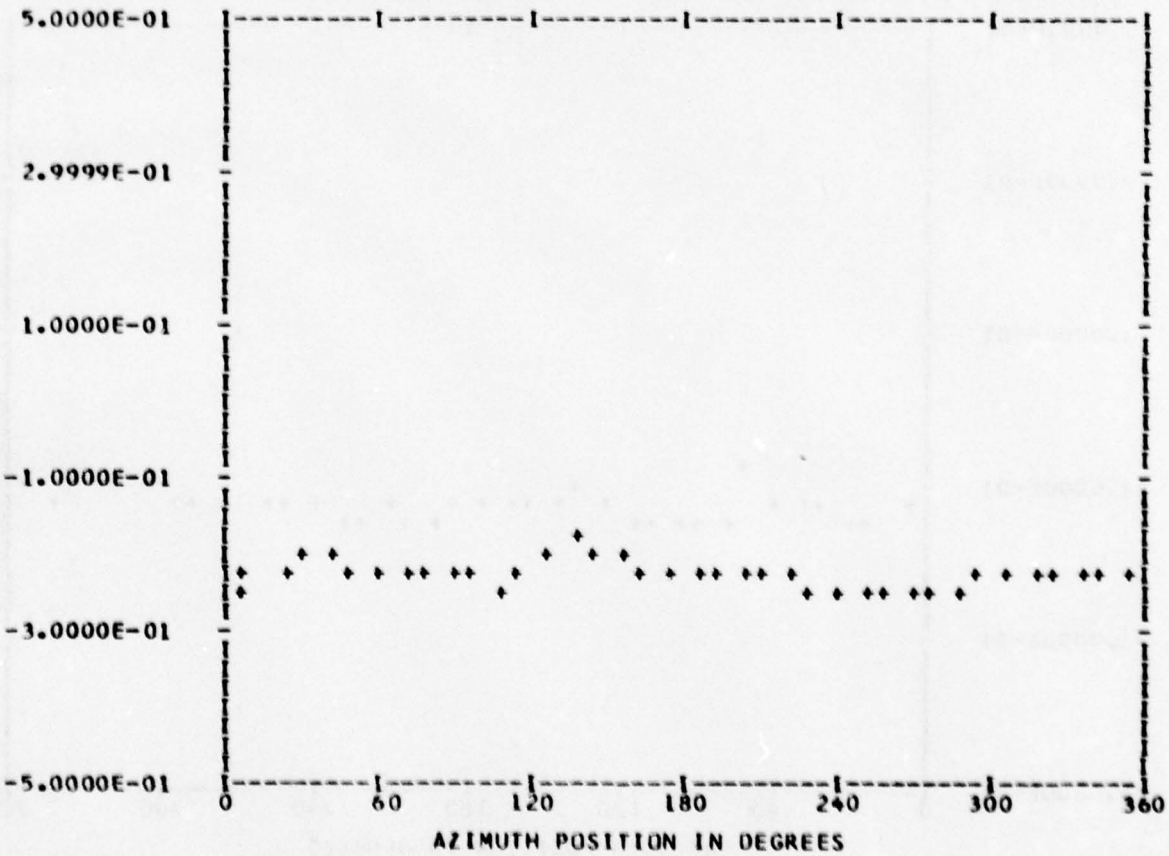
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22482E 00	1	-0.29910E-02	0.11148E-01	0.11543E-01	344.9
	2	0.76675E-02	-0.90916E-02	0.11893E-01	139.8
	3	0.92418E-03	0.15894E-02	0.18385E-02	30.1
	4	-0.97627E-02	0.61829E-02	0.11555E-01	302.3
	5	0.10653E-02	-0.36004E-02	0.37547E-02	163.5
	6	-0.27829E-02	0.61274E-02	0.67298E-02	335.5
	7	-0.48443E-02	-0.94062E-03	0.49348E-02	259.0
	8	-0.24068E-02	-0.46338E-02	0.52216E-02	207.4
	9	0.60789E-03	-0.12027E-03	0.61968E-03	101.1
	10	-0.52497E-03	-0.18798E-03	0.55761E-03	250.2

MAX=-0.17844E 00 MIN=-0.25203E 00 PEAK TO PEAK/2= 0.36799E-01



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

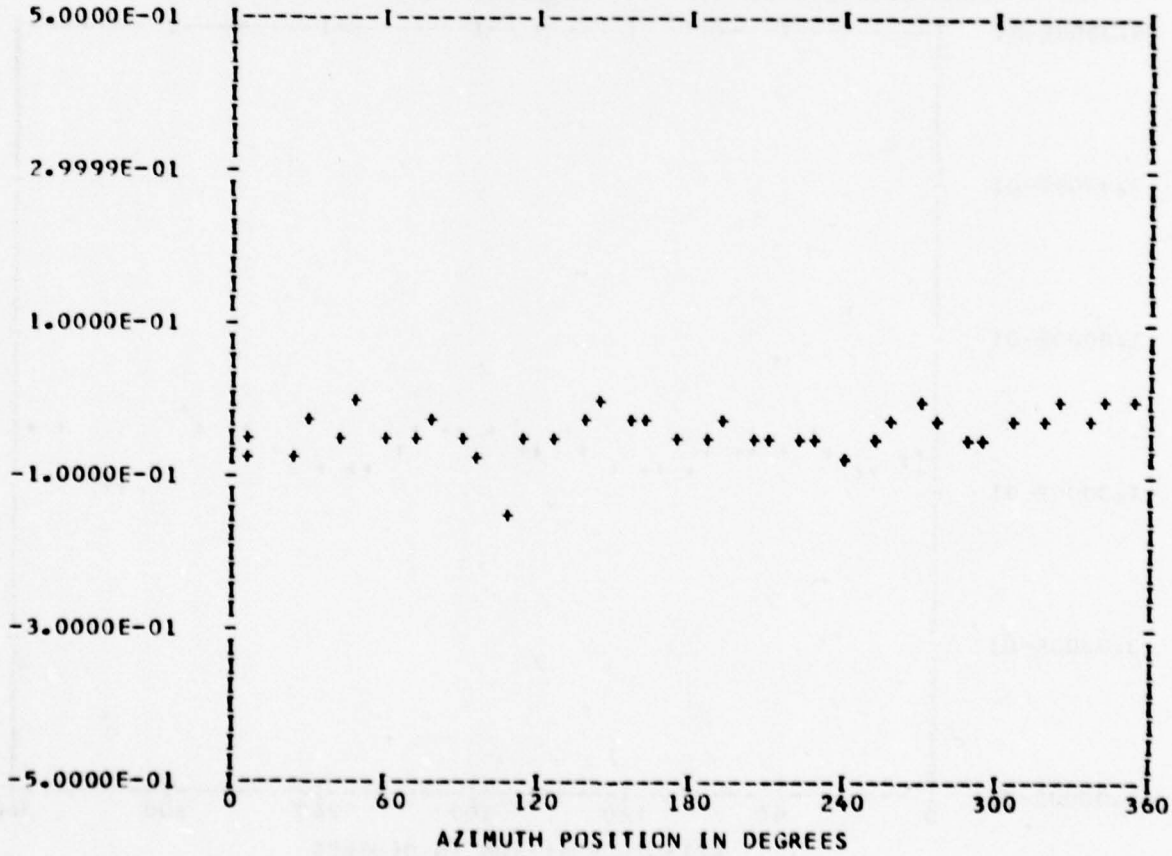
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.40007E-01	1	0.78463E-02	-0.62655E-02	0.11396E-01	136.4
	2	0.28350E-02	-0.93380E-02	0.97589E-02	163.1
	3	-0.29614E-02	0.74966E-02	0.80603E-02	338.4
	4	-0.16836E-01	-0.10374E-01	0.19775E-01	238.3
	5	-0.46586E-02	-0.11789E-01	0.12676E-01	201.5
	6	-0.21247E-02	0.12890E-01	0.13064E-01	350.6
	7	-0.50464E-02	-0.43059E-02	0.66338E-02	229.5
	8	-0.52355E-02	-0.10987E-01	0.12170E-01	205.4
	9	-0.36881E-02	-0.22817E-02	0.43369E-02	238.2
	10	0.37042E-02	0.28022E-02	0.46447E-02	52.8

MAX= 0.11796E-01 MIN=-0.14162E 00 PEAK TO PEAK/2= 0.76709E-01



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

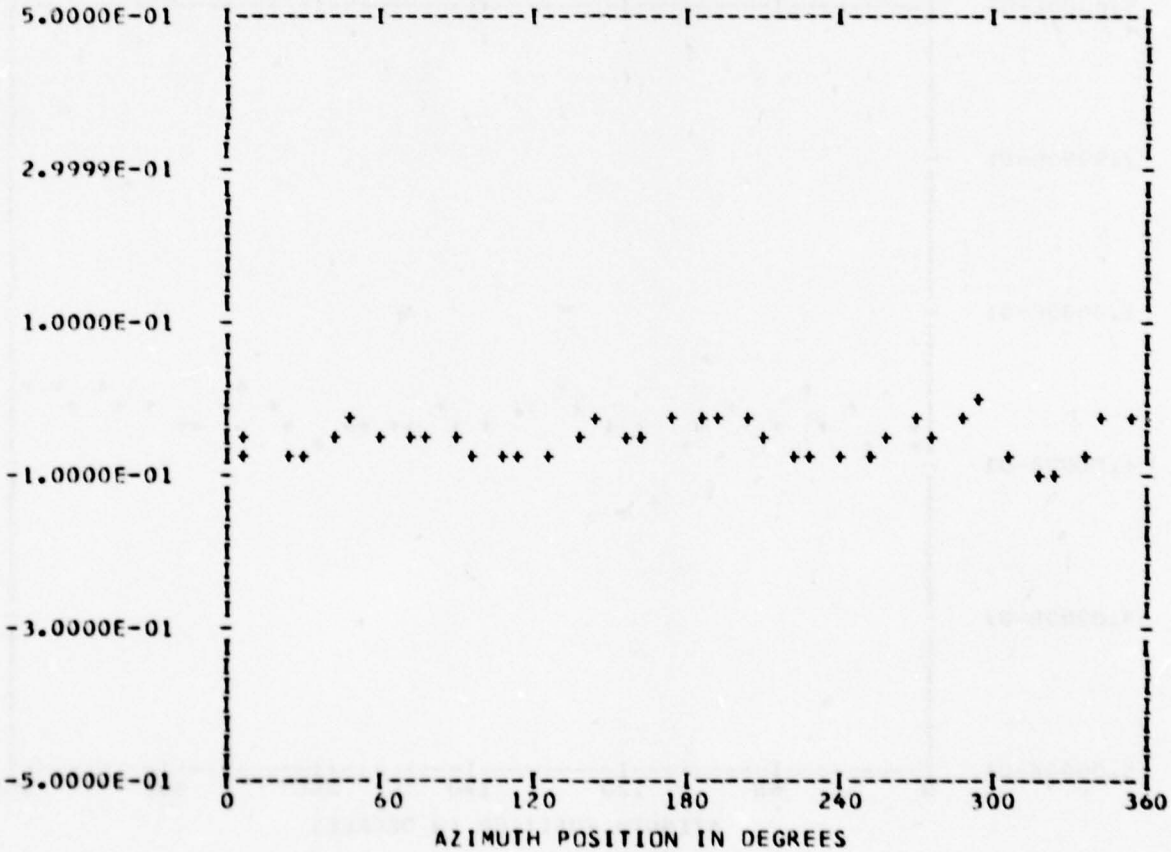
*** PS056.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.52502E-01	1	-0.41024E-02	-0.12638E-02	0.42926E-02	252.8
	2	0.39429E-02	0.30426E-02	0.49804E-02	52.3
	3	-0.99977E-02	0.93032E-02	0.13656E-01	312.9
	4	0.11564E-01	-0.19825E-02	0.11732E-01	99.7
	5	0.79437E-02	-0.15864E-01	0.17742E-01	153.4
	6	0.19314E-02	-0.79706E-02	0.82013E-02	166.3
	7	-0.43919E-02	-0.11330E-01	0.12151E-01	201.1
	8	-0.11498E-02	-0.36887E-02	0.38637E-02	197.3
	9	-0.44497E-02	0.13829E-02	0.46596E-02	287.2
	10	0.36585E-03	0.18100E-03	0.40817E-03	63.6

MAX=-0.11525E-01 MIN=-0.10297E 00 PEAK TO PEAK/2= 0.45725E-01



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

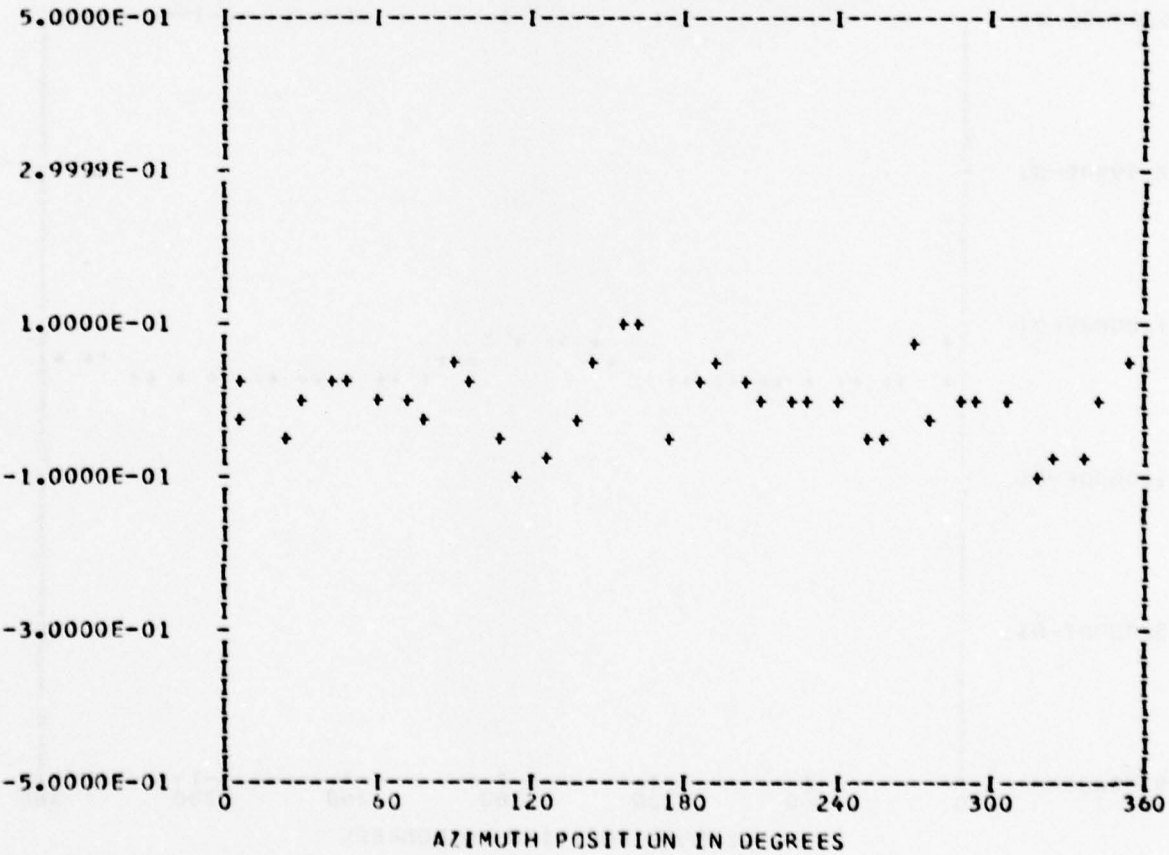
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.46061E-02	1	-0.17139E-01	0.37183E-02	0.17537E-01	282.2
	2	0.13660E-01	0.10713E-01	0.17360E-01	51.8
	3	-0.10142E-01	0.16846E-01	0.19664E-01	328.9
	4	0.13639E-01	-0.15052E-01	0.20313E-01	137.8
	5	0.23533E-01	-0.17478E-02	0.23598E-01	94.2
	6	-0.20656E-01	-0.10170E-01	0.23024E-01	243.7
	7	0.57916E-02	-0.26186E-01	0.26819E-01	167.5
	8	0.87752E-02	-0.37471E-03	0.87832E-02	92.4
	9	-0.64669E-02	-0.98631E-02	0.11794E-01	213.2
	10	-0.44620E-02	0.12234E-01	0.13022E-01	339.9

MAX= 0.10372E 00 MIN=-0.97728E-01 PEAK TO PEAK/2= 0.10072E 00



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

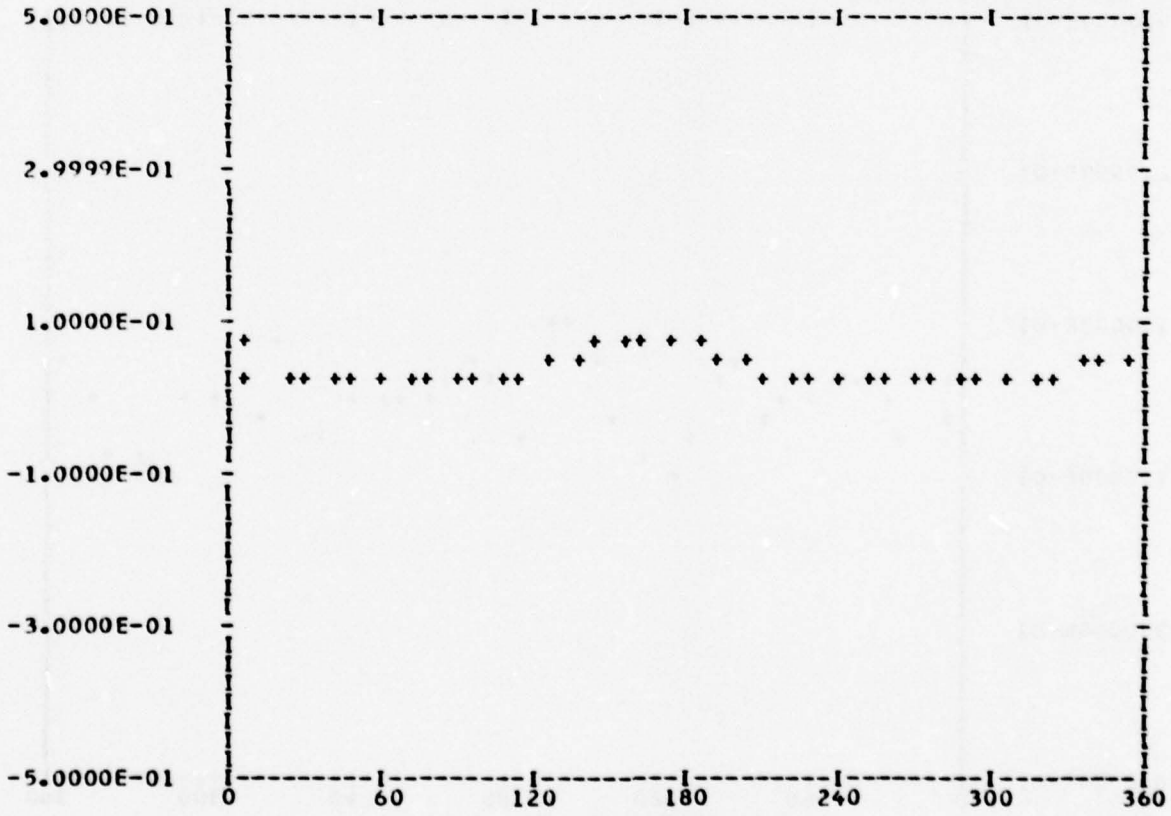
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.38345E-01	1	-0.67227E-02	0.24903E-02	0.71691E-02	290.3
	2	0.11909E-01	-0.13851E-01	0.18267E-01	139.3
	3	0.16080E-02	0.14912E-02	0.21931E-02	47.1
	4	0.30566E-02	-0.73099E-02	0.79232E-02	157.3
	5	0.25674E-02	-0.13242E-02	0.28888E-02	117.2
	6	-0.33328E-03	-0.27409E-02	0.27611E-02	186.9
	7	-0.87625E-03	-0.57747E-03	0.10494E-02	236.6
	8	0.10806E-02	-0.24183E-02	0.26488E-02	155.9
	9	-0.46211E-03	-0.92451E-03	0.10335E-02	206.5
	10	-0.62310E-03	-0.16122E-02	0.17284E-02	201.1

MAX= 0.72525E-01 MIN= 0.18822E-01 PEAK TO PEAK/2= 0.26851E-01



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

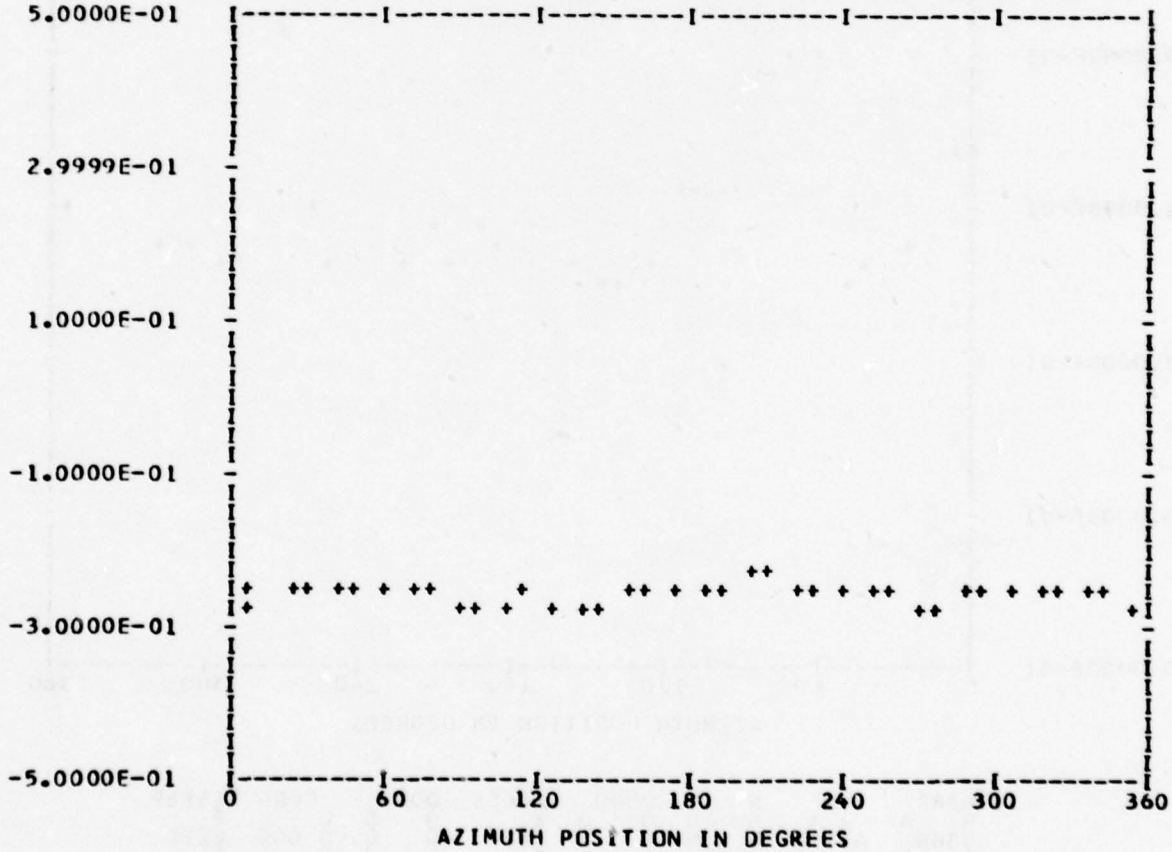
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25672E 00	1	-0.17517E-02	-0.37869E-02	0.41724E-02	204.8
	2	0.39413E-02	0.25931E-02	0.47178E-02	56.6
	3	-0.54575E-02	-0.34438E-02	0.64533E-02	237.7
	4	-0.39776E-02	0.34397E-02	0.52586E-02	310.8
	5	0.19025E-03	0.33834E-03	0.38817E-03	29.3
	6	-0.78502E-04	0.16339E-02	0.16358E-02	357.2
	7	0.10676E-02	0.30923E-03	0.11115E-02	73.8
	8	-0.36744E-02	0.29006E-02	0.46813E-02	308.2
	9	0.13572E-03	-0.20303E-03	0.24422E-03	146.2
	10	0.78044E-03	-0.11792E-02	0.14141E-02	146.5

MAX=-0.23650E 00 MIN=-0.27017E 00 PEAK TO PEAK/2= 0.16836E-01



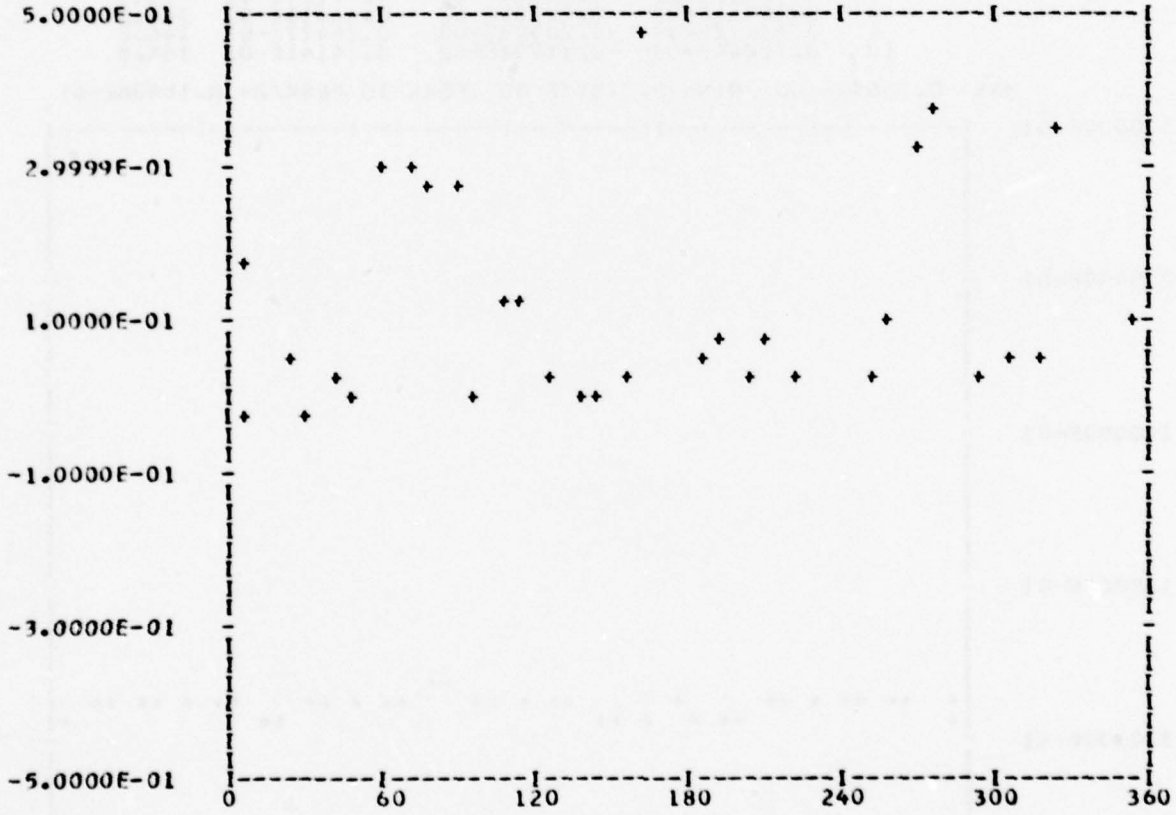
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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

*** DATA ANALYSIS ***		RUN	21
ENTERED	38	TP	2
OUT OF RANGE	6	CHAN	46
BANDEDGE	6		

HARMONIC ANALYSIS SKIPPED

MAX= 0.50803E 00 MIN=-0.31903E-01 PEAK TO PEAK/2= 0.26997E 00

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

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

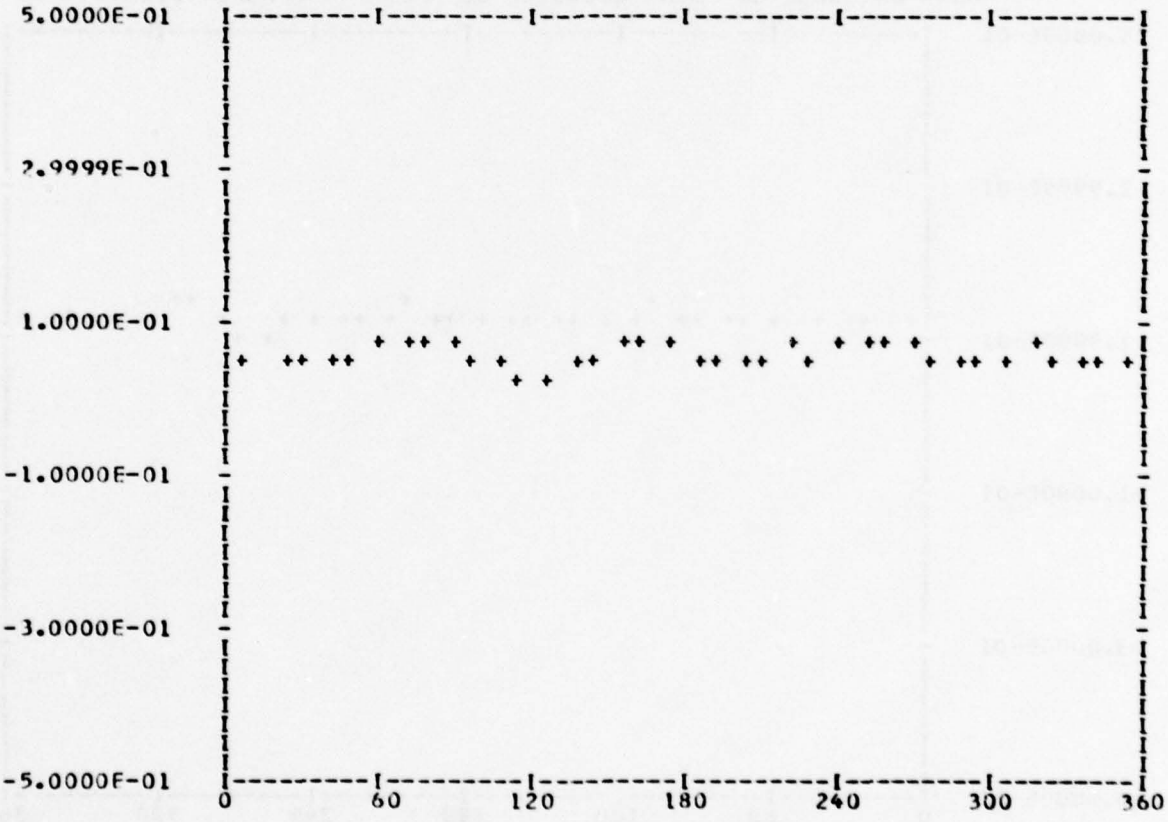
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.56609E-01	1	-0.31372E-02	-0.33268E-02	0.45727E-02	223.3
	2	-0.64939E-03	0.59506E-02	0.59859E-02	353.7
	3	-0.39980E-02	0.34484E-02	0.52797E-02	310.7
	4	-0.30915E-02	-0.12297E-01	0.12680E-01	194.1
	5	0.28825E-02	0.41334E-02	0.50393E-02	34.8
	6	-0.44738E-03	0.67123E-03	0.80666E-03	326.3
	7	0.12245E-02	0.64971E-03	0.13862E-02	62.0
	8	-0.42879E-04	-0.41591E-02	0.41593E-02	180.5
	9	-0.54480E-03	-0.13672E-04	0.54498E-03	268.5
	10	-0.14771E-02	-0.43342E-03	0.15393E-02	253.6

MAX= 0.84066E-01 MIN= 0.28065E-01 PEAK TO PEAK/2= 0.28000E-01



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

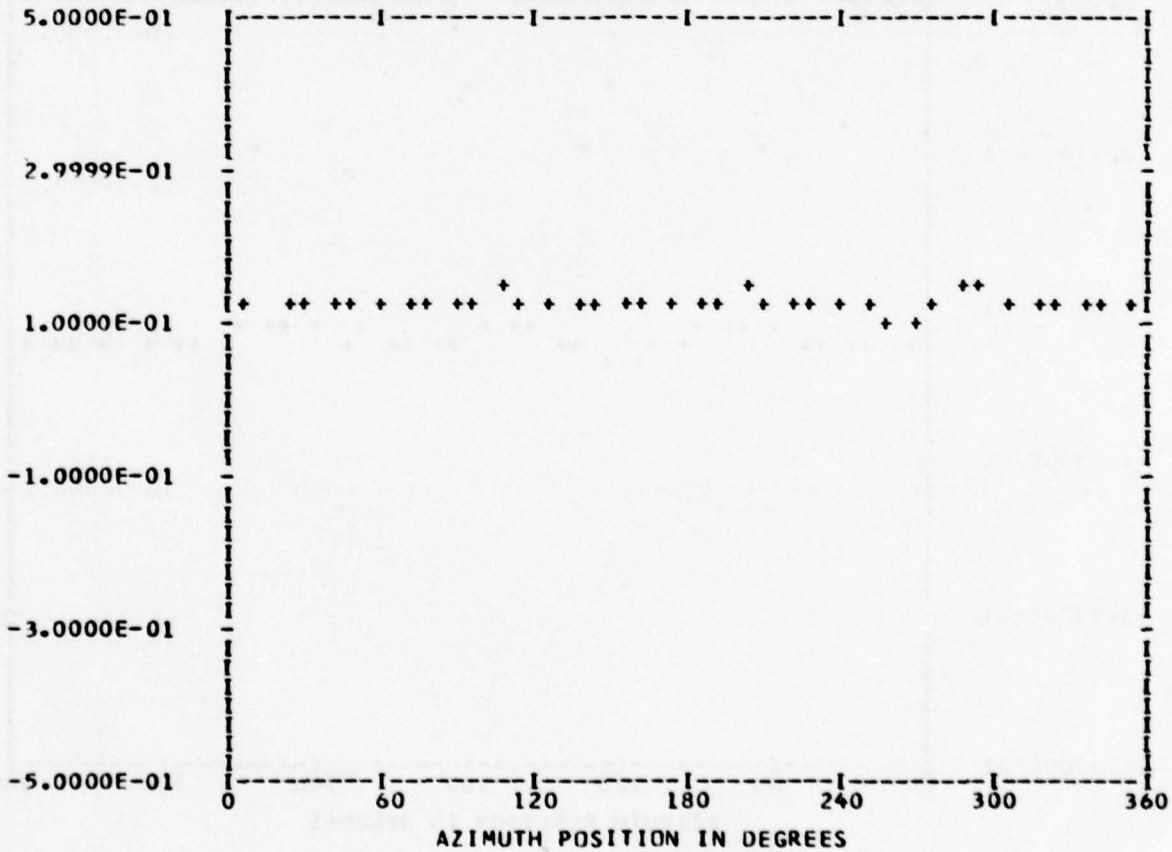
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 21
TP 2
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.12583E 00	1	-0.36063E-03	0.65086E-03	0.74409E-03	331.0
	2	0.22430E-03	-0.72449E-02	0.72484E-02	178.2
	3	-0.38145E-02	0.21605E-03	0.38206E-02	273.2
	4	0.56255E-03	0.77328E-02	0.77533E-02	4.1
	5	0.17738E-02	-0.66074E-03	0.18929E-02	110.4
	6	0.10708E-02	-0.20346E-03	0.10899E-02	100.7
	7	-0.83360E-03	-0.51121E-03	0.97787E-03	238.4
	8	-0.11804E-02	0.51738E-02	0.53067E-02	347.1
	9	0.54085E-03	-0.21540E-03	0.58216E-03	111.7
	10	0.64291E-04	-0.47551E-03	0.47984E-03	172.3

MAX= 0.15063E 00 MIN= 0.10516E 00 PEAK TO PEAK/2= 0.22734E-01



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

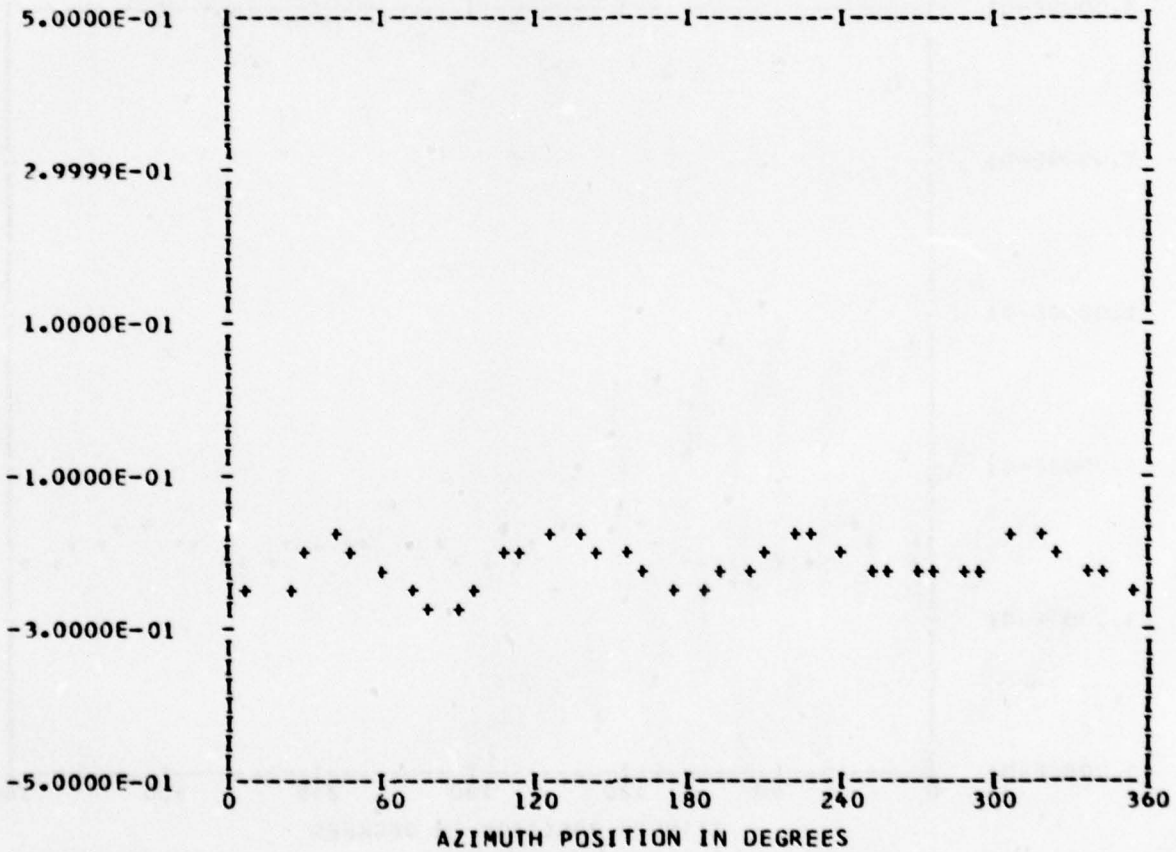
*** PS045.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21871E 00	1	-0.99845E-02	-0.66384E-02	0.11989E-01	236.3
	2	-0.22373E-03	-0.38609E-02	0.38674E-02	183.3
	3	0.47659E-02	0.20836E-02	0.52015E-02	66.3
	4	-0.24439E-01	0.24737E-01	0.34773E-01	315.3
	5	-0.65867E-02	0.18923E-02	0.68532E-02	286.0
	6	-0.29646E-02	-0.88168E-03	0.30929E-02	253.4
	7	0.29199E-03	-0.22659E-02	0.22846E-02	172.6
	8	-0.33836E-02	-0.43157E-02	0.54840E-02	218.0
	9	-0.32550E-02	-0.33204E-02	0.46498E-02	224.4
	10	0.16091E-02	0.21933E-03	0.16240E-02	82.2

MAX=-0.16479E 00 MIN=-0.27306E 00 PEAK TO PEAK/2= 0.54139E-01



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

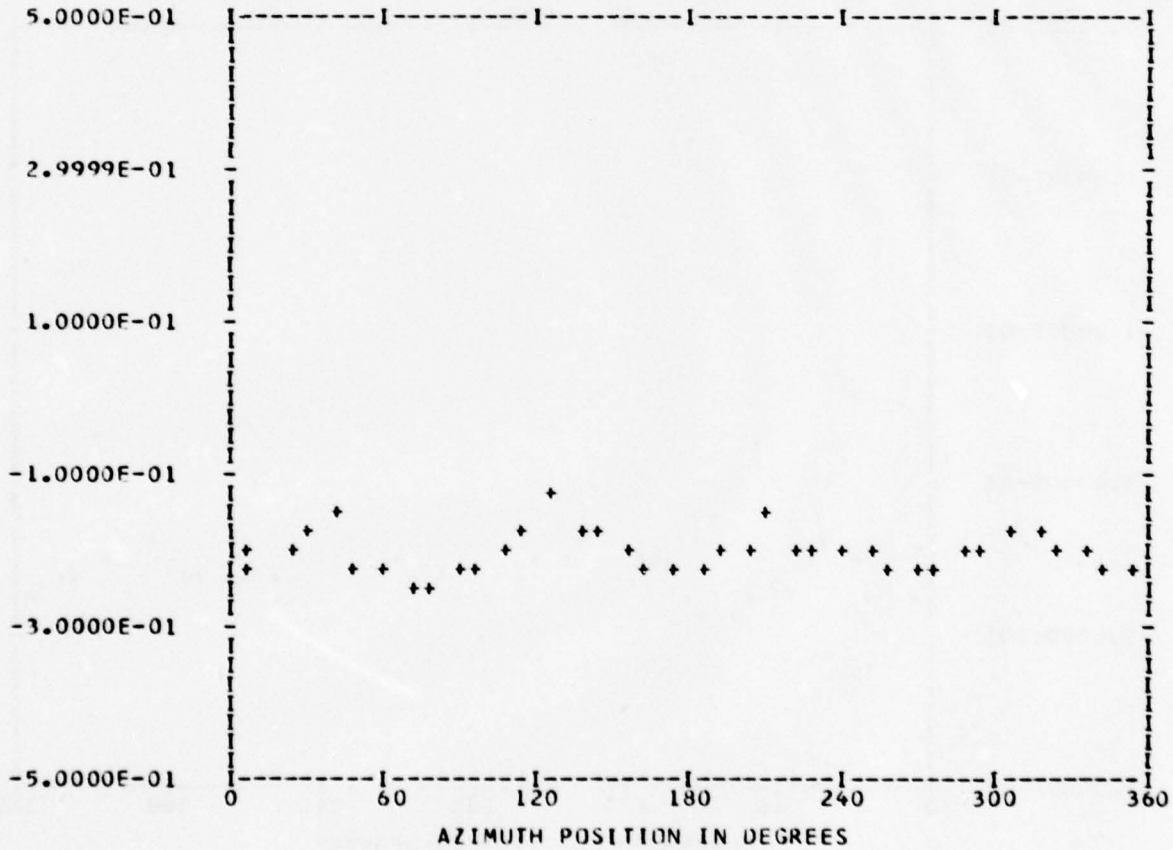
*** PS045.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20174E 00	1	-0.80784E-02	-0.18951E-03	0.80807E-02	268.6
	2	0.67319E-02	-0.85328E-02	0.10868E-01	141.7
	3	0.76741E-02	0.30067E-02	0.82421E-02	68.6
	4	-0.18566E-01	0.25832E-01	0.31811E-01	324.2
	5	-0.55248E-02	-0.25196E-02	0.60723E-02	245.4
	6	-0.21934E-02	0.27927E-02	0.35510E-02	321.8
	7	-0.33983E-02	-0.39286E-03	0.34209E-02	263.4
	8	-0.50090E-02	-0.60017E-02	0.78173E-02	219.8
	9	0.47408E-02	-0.16309E-02	0.50135E-02	108.9
	10	0.10780E-02	-0.39464E-02	0.40910E-02	164.7

MAX=-0.12305E 00 MIN=-0.25590E 00 PEAK TO PEAK/2= 0.66422E-01



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

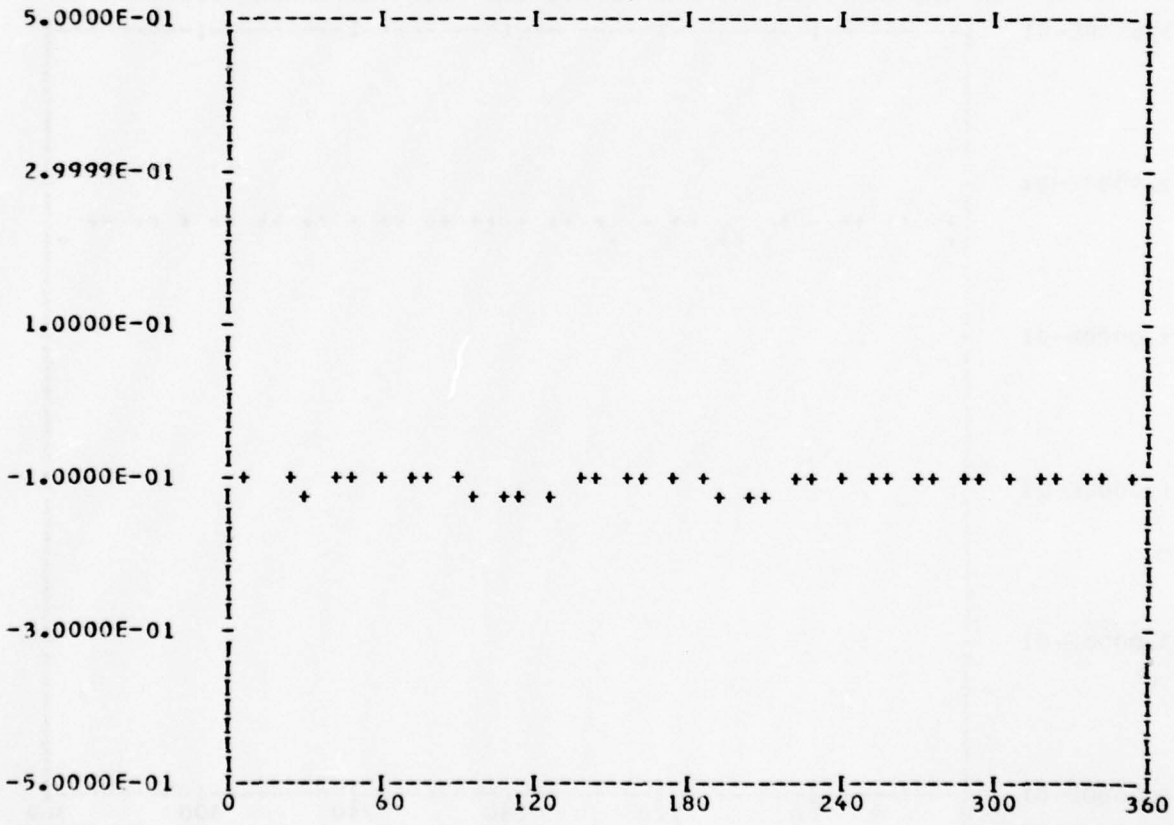
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10836E 00	1	0.25464E-02	-0.20205E-02	0.32506E-02	128.4
	2	0.22047E-02	-0.16254E-02	0.27391E-02	126.3
	3	-0.81320E-03	0.39988E-03	0.90620E-03	296.1
	4	-0.14529E-02	-0.48236E-02	0.50377E-02	196.7
	5	0.14229E-02	-0.45894E-03	0.14950E-02	107.8
	6	-0.12149E-03	-0.10314E-02	0.10385E-02	186.7
	7	-0.23715E-04	0.45166E-03	0.45228E-03	356.9
	8	0.11744E-02	-0.11317E-02	0.16310E-02	133.9
	9	0.33277E-03	0.12566E-03	0.35571E-03	69.3
	10	-0.59269E-03	0.43725E-04	0.59430E-03	274.2

MAX=-0.94676E-01 MIN=-0.11984E 00 PEAK TO PEAK/2= 0.12586E-01



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

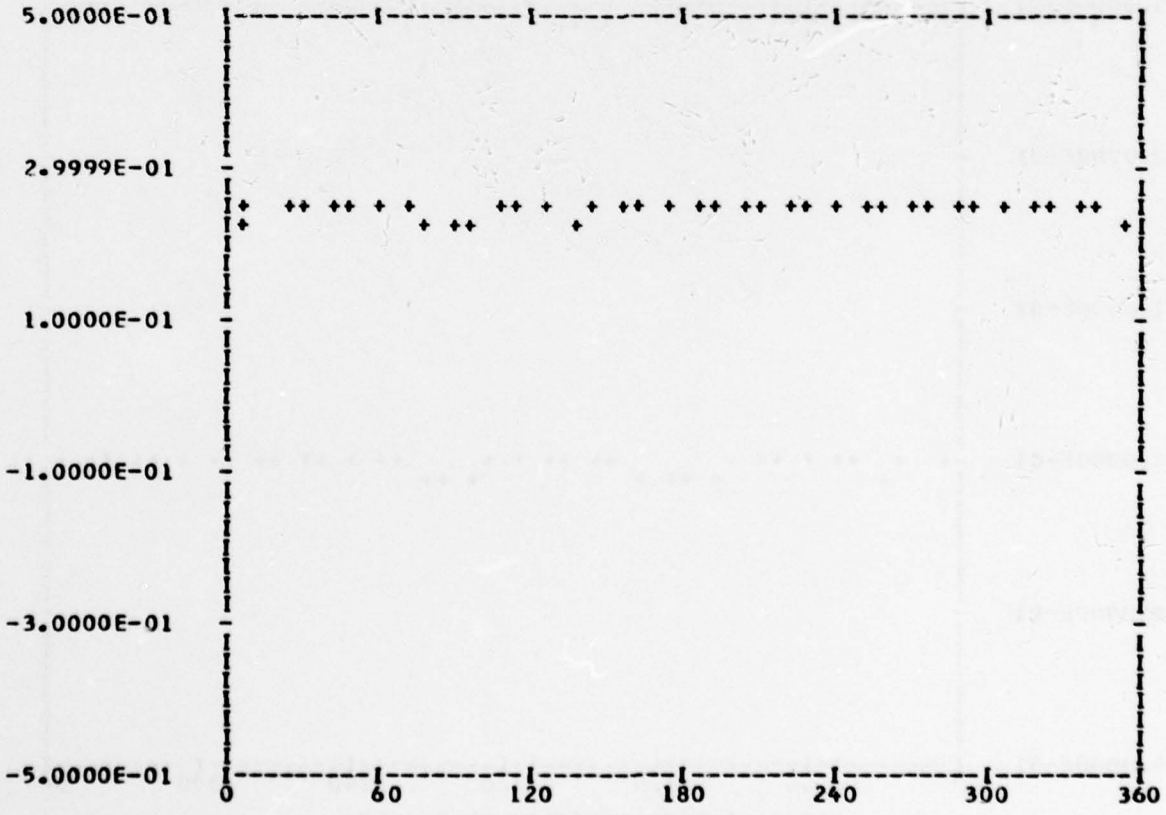
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP
CHAN 5

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24781E 00	1	-0.26917E-02	-0.84629E-02	0.88806E-02	197.6
	2	0.74350E-03	-0.57949E-03	0.94266E-03	127.9
	3	-0.97370E-03	0.21589E-02	0.23683E-02	335.7
	4	-0.33204E-02	0.88907E-03	0.34374E-02	284.9
	5	-0.14167E-02	0.12901E-02	0.19162E-02	312.3
	6	-0.44203E-04	-0.70155E-03	0.70294E-03	183.6
	7	-0.57584E-03	0.18724E-02	0.19592E-02	342.9
	8	-0.36329E-02	0.33833E-02	0.53912E-02	317.6
	9	0.11663E-02	0.28980E-03	0.12018E-02	76.0
	10	0.87517E-03	0.12335E-02	0.15124E-02	35.3

MAX= 0.26207E 00 MIN= 0.22907E 00 PEAK TO PEAK/2= 0.16498E-01



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

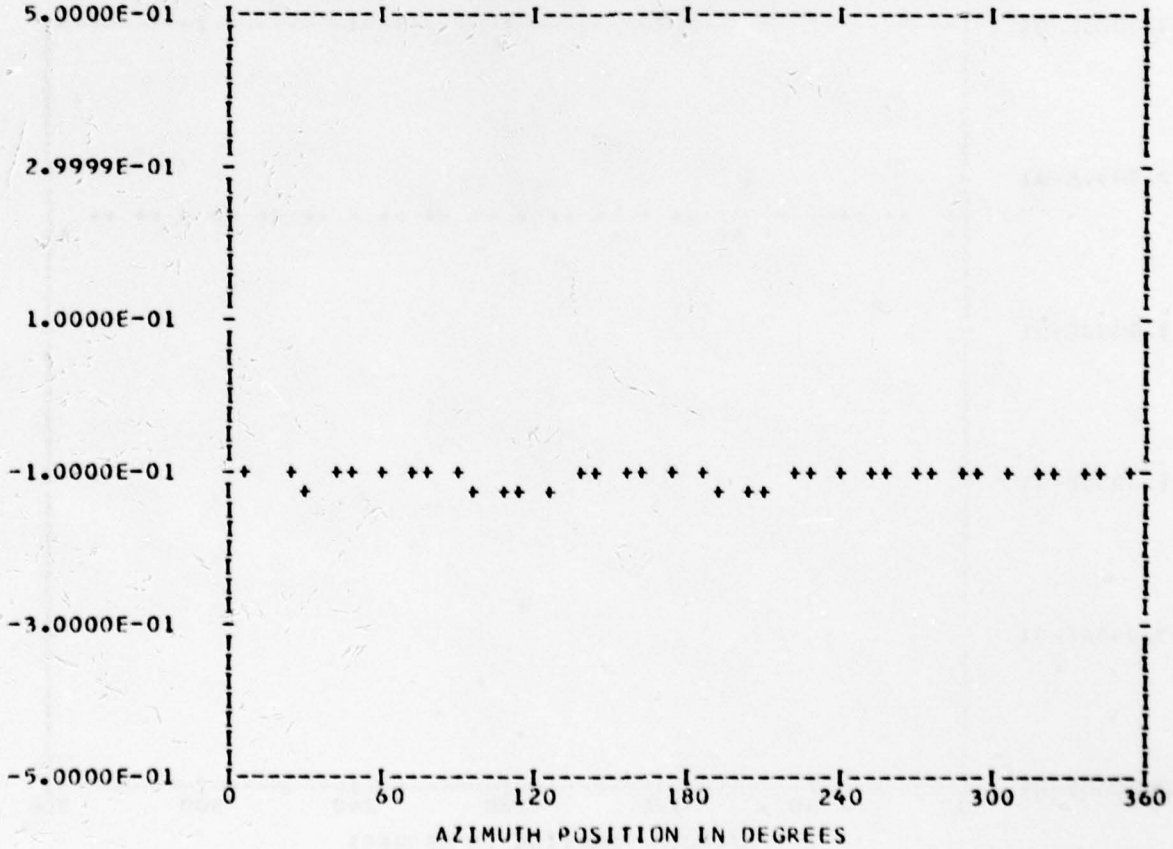
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10836E 00	1	0.25464E-02	-0.20205E-02	0.32506E-02	128.4
	2	0.22047E-02	-0.16254E-02	0.27391E-02	126.3
	3	-0.81320E-03	0.39988E-03	0.90620E-03	296.1
	4	-0.14529E-02	-0.48236E-02	0.50377E-02	196.7
	5	0.14229E-02	-0.45894E-03	0.14950E-02	107.8
	6	-0.12149E-03	-0.10314E-02	0.10385E-02	186.7
	7	-0.23715E-04	0.45166E-03	0.45228E-03	356.9
	8	0.11744E-02	-0.11317E-02	0.16310E-02	133.9
	9	0.33277E-03	0.17566E-03	0.35571E-03	69.3
	10	-0.59269E-03	0.43725E-04	0.59430E-03	274.2

MAX=-0.94676E-01 MIN=-0.11984E 00 PEAK TO PEAK/2= 0.12586E-01



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

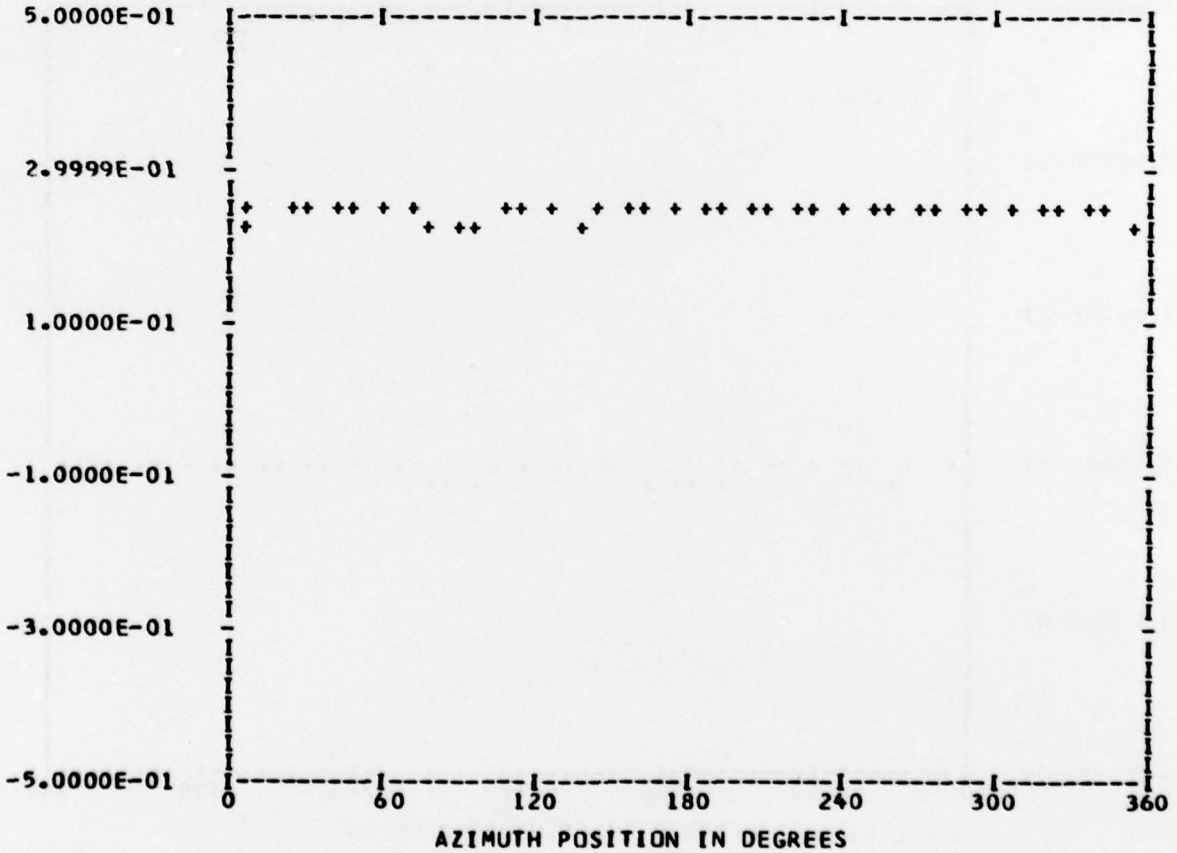
*** PS047.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24781E 00	1	-0.26917E-02	-0.84629E-02	0.88806E-02	197.6
	2	0.74350E-03	-0.57949E-03	0.94266E-03	127.9
	3	-0.97370E-03	0.21589E-02	0.23683E-02	335.7
	4	-0.33204E-02	0.88907E-03	0.34374E-02	284.9
	5	-0.14167E-02	0.12901E-02	0.19162E-02	312.3
	6	-0.44203E-04	-0.70155E-03	0.70294E-03	183.6
	7	-0.57584E-03	0.18724E-02	0.19590E-02	342.9
	8	-0.36329E-02	0.39833E-02	0.53912E-02	317.6
	9	0.11663E-02	0.28980E-03	0.12018E-02	76.0
	10	0.87517E-03	0.12335E-02	0.15124E-02	35.3

MAX= 0.26207E 00 MIN= 0.22907E 00 PEAK TO PEAK/2= 0.16498E-01



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

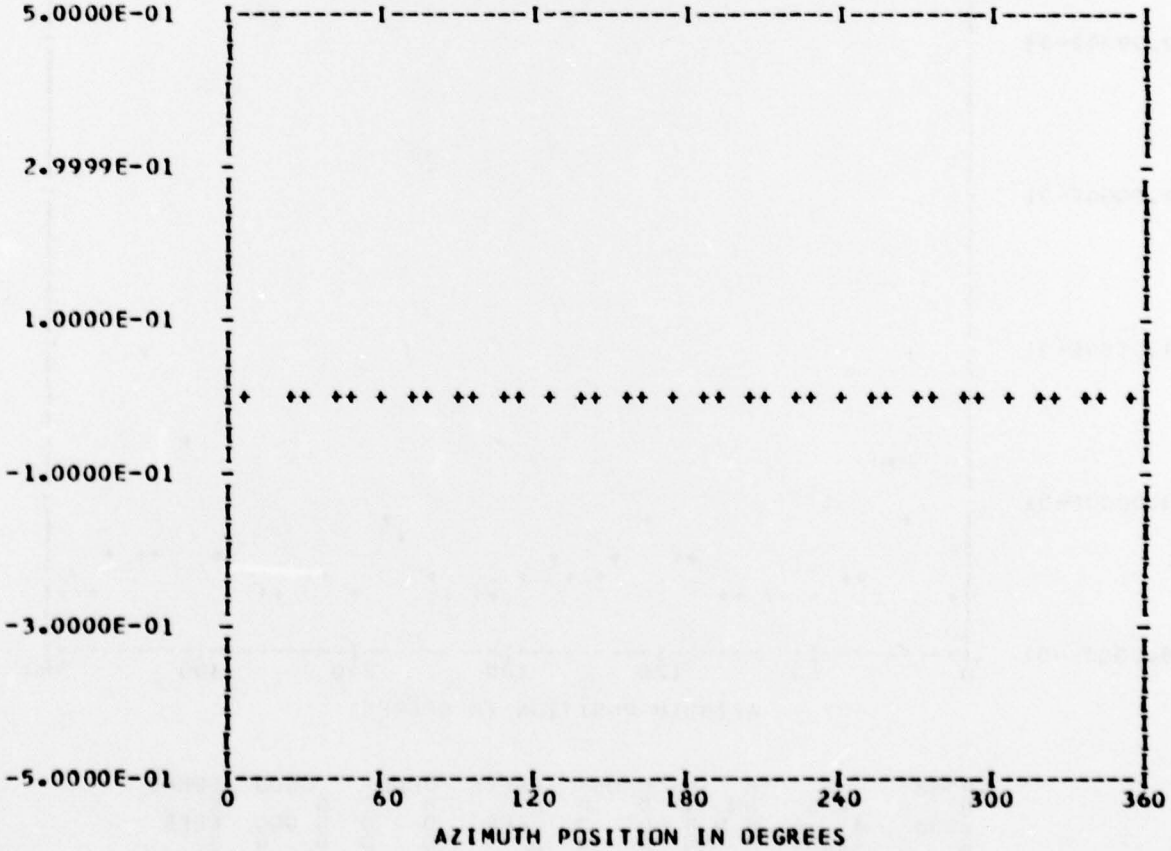
*** PS048.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32693E-03	1	-0.61726E-03	0.76972E-04	0.62204E-03	277.1
	2	0.22071E-03	-0.11187E-03	0.24744E-03	116.8
	3	0.40844E-03	-0.19083E-03	0.45083E-03	115.0
	4	0.36763E-03	-0.56482E-03	0.67392E-03	146.9
	5	0.10431E-03	-0.52698E-03	0.53720E-03	168.8
	6	-0.22421E-04	-0.45362E-03	0.45417E-03	182.8
	7	-0.60675E-04	0.37590E-03	0.38077E-03	350.8
	8	0.24615E-03	0.76446E-03	0.80311E-03	17.8
	9	0.89961E-04	0.60456E-03	0.61121E-03	8.4
	10	0.34840E-03	0.37542E-04	0.35042E-03	93.9

MAX= 0.17254E-02 MIN=-0.69880E-02 PEAK TO PEAK/2= 0.43567E-02



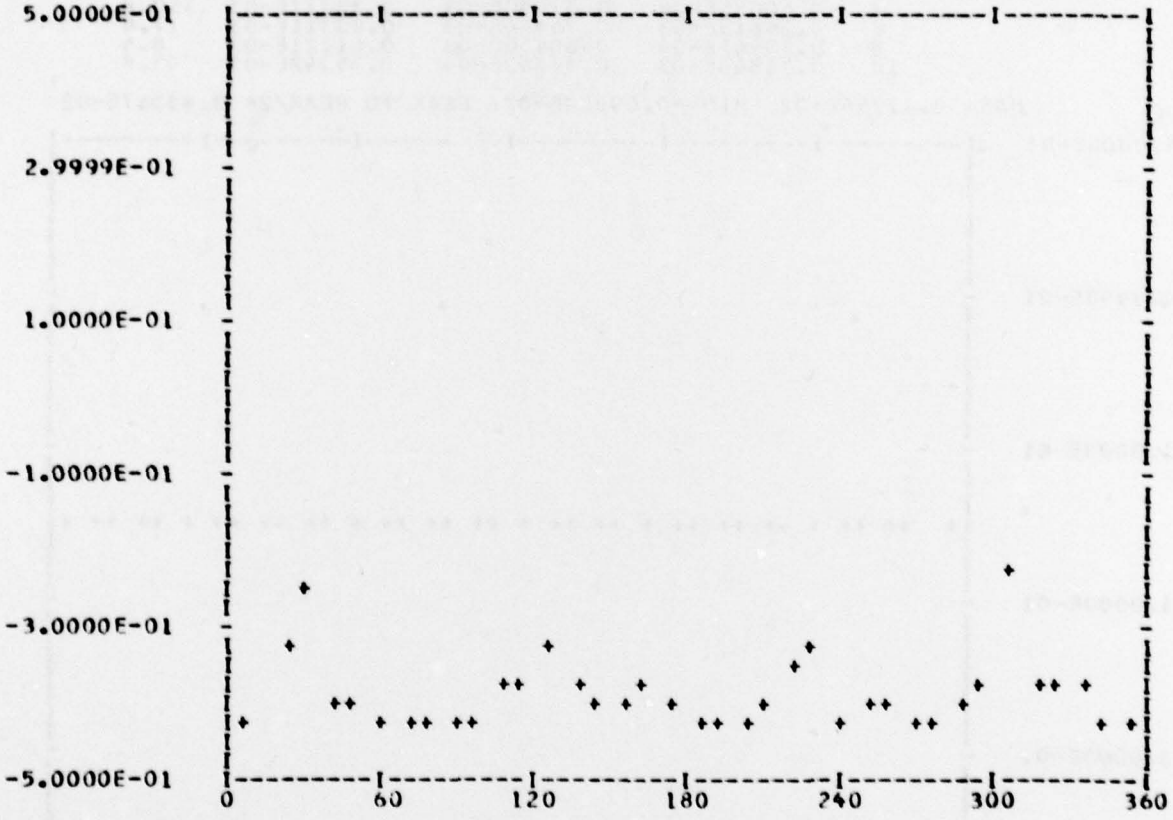
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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

*** DATA ANALYSIS ***			
ENTERED	38	RUN	22
OUT OF RANGE	0	TP	2
BANDEDGE	8	CHAN	61

HARMONIC ANALYSIS SKIPPED

MAX=-0.18812E 00 MIN=-0.42154E 00 PEAK TO PEAK/2= 0.11671E 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

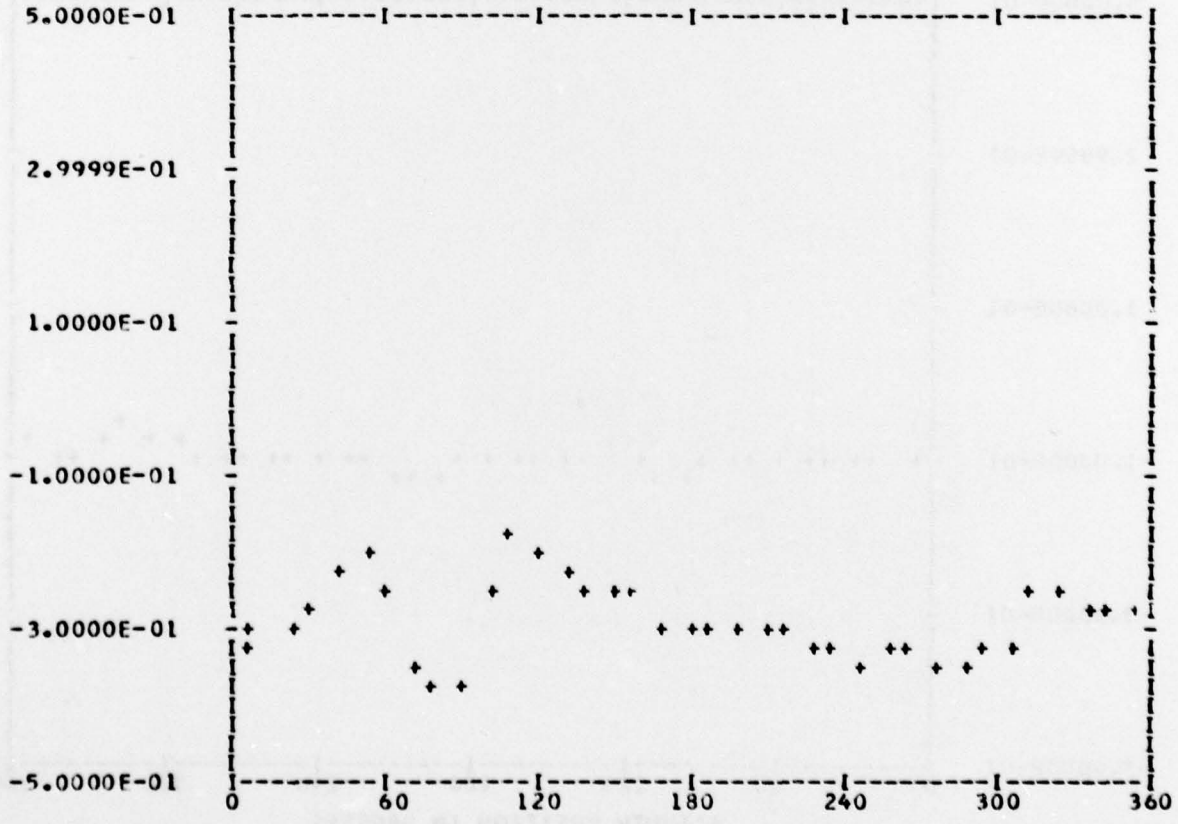
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28975E 00	1	-0.24004E-03	0.29231E-01	0.29232E-01	359.5
	2	0.99811E-02	-0.23369E-01	0.25411E-01	156.8
	3	0.91614E-02	0.29582E-04	0.91614E-02	89.8
	4	-0.32214E-01	0.13001E-01	0.34739E-01	291.9
	5	-0.28140E-01	-0.12340E-01	0.30727E-01	246.3
	6	0.26729E-04	-0.12699E-01	0.12699E-01	179.8
	7	0.21739E-01	0.27352E-02	0.21911E-01	82.8
	8	0.39060E-02	0.68615E-02	0.78954E-02	29.6
	9	-0.40331E-02	-0.15115E-02	0.43070E-02	249.4
	10	0.28720E-02	-0.34729E-02	0.45067E-02	140.4

MAX=-0.17443E 00 MIN=-0.37479E 00 PEAK TO PEAK/2= 0.10017E 00



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

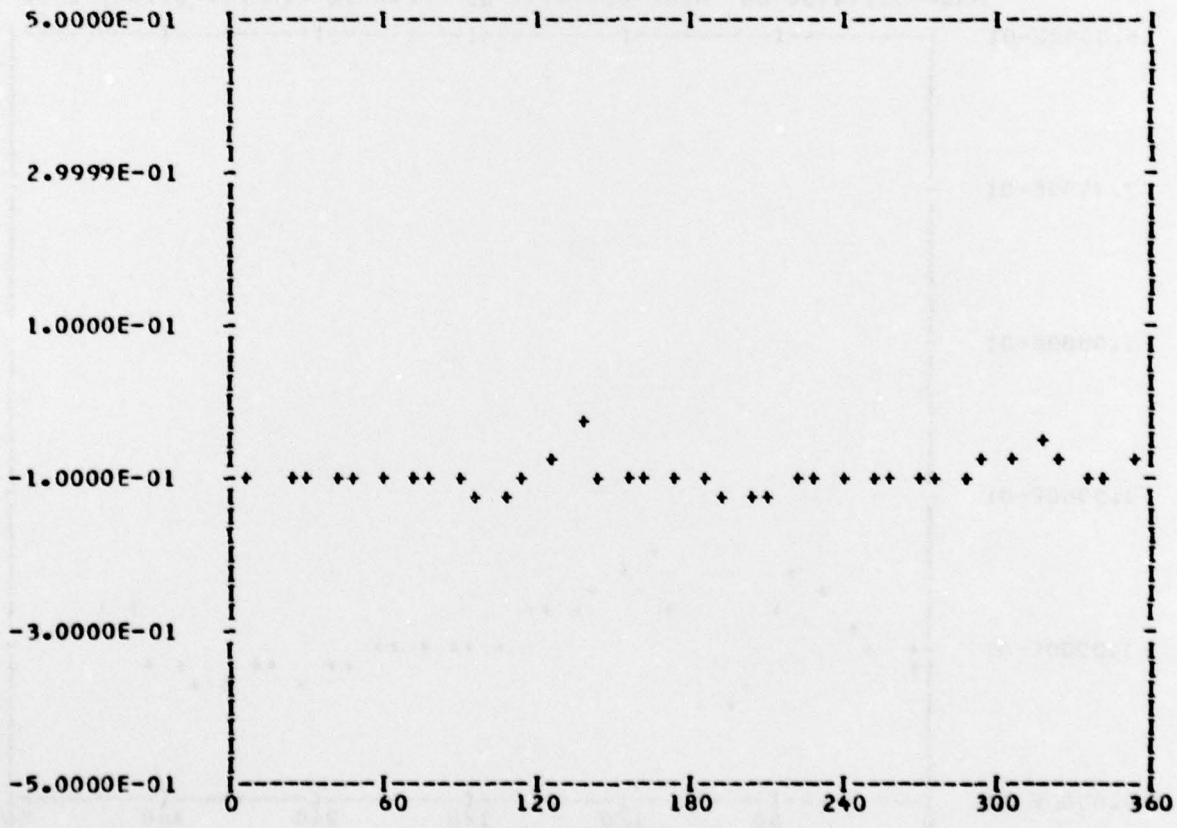
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.95132E-01	1	0.65937E-02	-0.65167E-03	0.66258E-02	95.6
	2	-0.18229E-02	-0.14217E-01	0.14333E-01	187.3
	3	0.40210E-02	0.59931E-02	0.72171E-02	33.8
	4	-0.11970E-01	0.23079E-02	0.12190E-01	280.9
	5	0.29022E-02	-0.22480E-02	0.36710E-02	127.7
	6	0.86134E-02	0.62850E-03	0.86363E-02	85.8
	7	-0.60067E-02	0.20577E-02	0.63494E-02	288.9
	8	-0.93641E-03	-0.98323E-02	0.98767E-02	185.4
	9	0.36866E-02	0.87421E-03	0.37889E-02	76.6
	10	-0.46358E-02	0.18502E-02	0.49914E-02	291.7

MAX=-0.14112E-01 MIN=-0.12721E 00 PEAK TO PEAK/2= 0.56549E-01



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

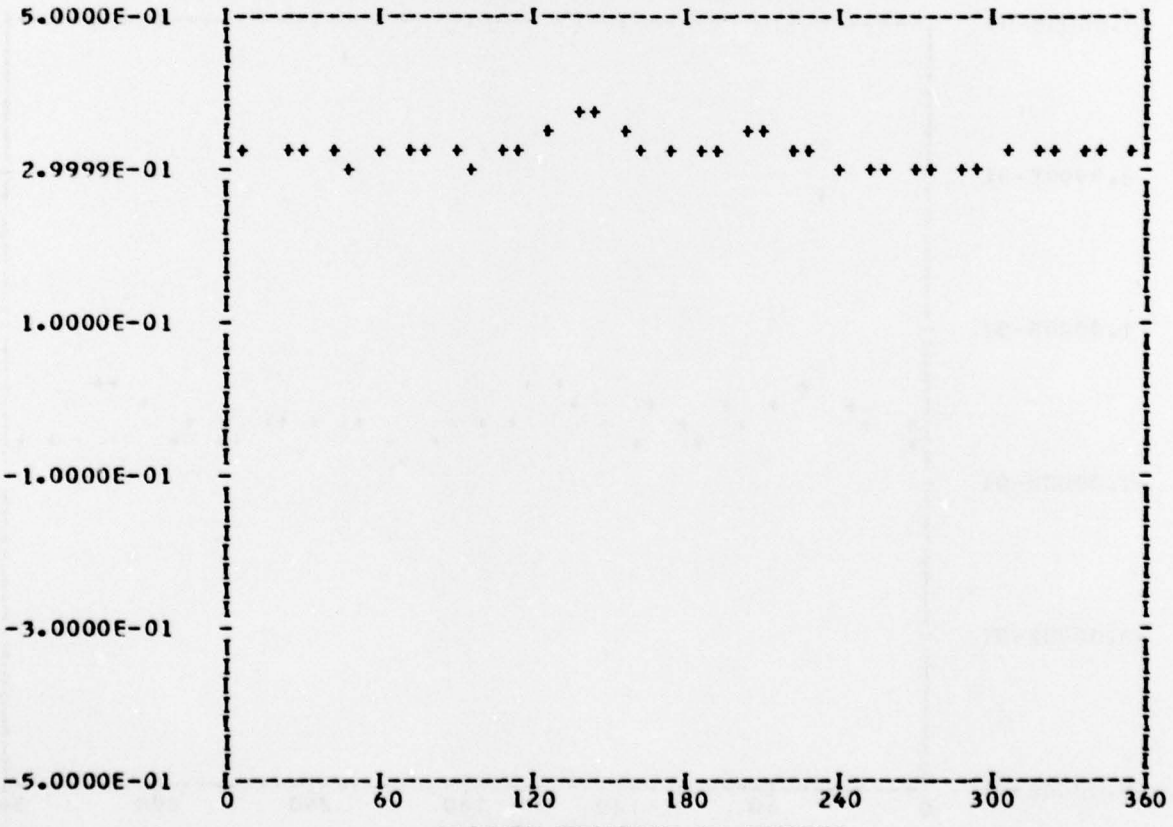
*** PS052.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32442E 00	1	-0.98166E-02	0.10164E-01	0.14131E-01	315.9
	2	0.78428E-02	-0.92279E-02	0.12110E-01	139.6
	3	0.94656E-03	-0.83658E-03	0.12632E-02	131.4
	4	-0.86149E-02	0.65326E-02	0.10811E-01	307.1
	5	0.57899E-02	-0.43432E-02	0.72379E-02	126.8
	6	0.12883E-02	0.79481E-02	0.80518E-02	9.2
	7	-0.29509E-02	-0.16858E-02	0.33985E-02	240.2
	8	-0.19759E-02	-0.31324E-02	0.37036E-02	212.2
	9	-0.34506E-03	-0.17998E-02	0.18326E-02	190.8
	10	-0.14023E-02	-0.16138E-02	0.21380E-02	220.9

MAX= 0.37335E 00 MIN= 0.29685E 00 PEAK TO PEAK/2= 0.38250E-01



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

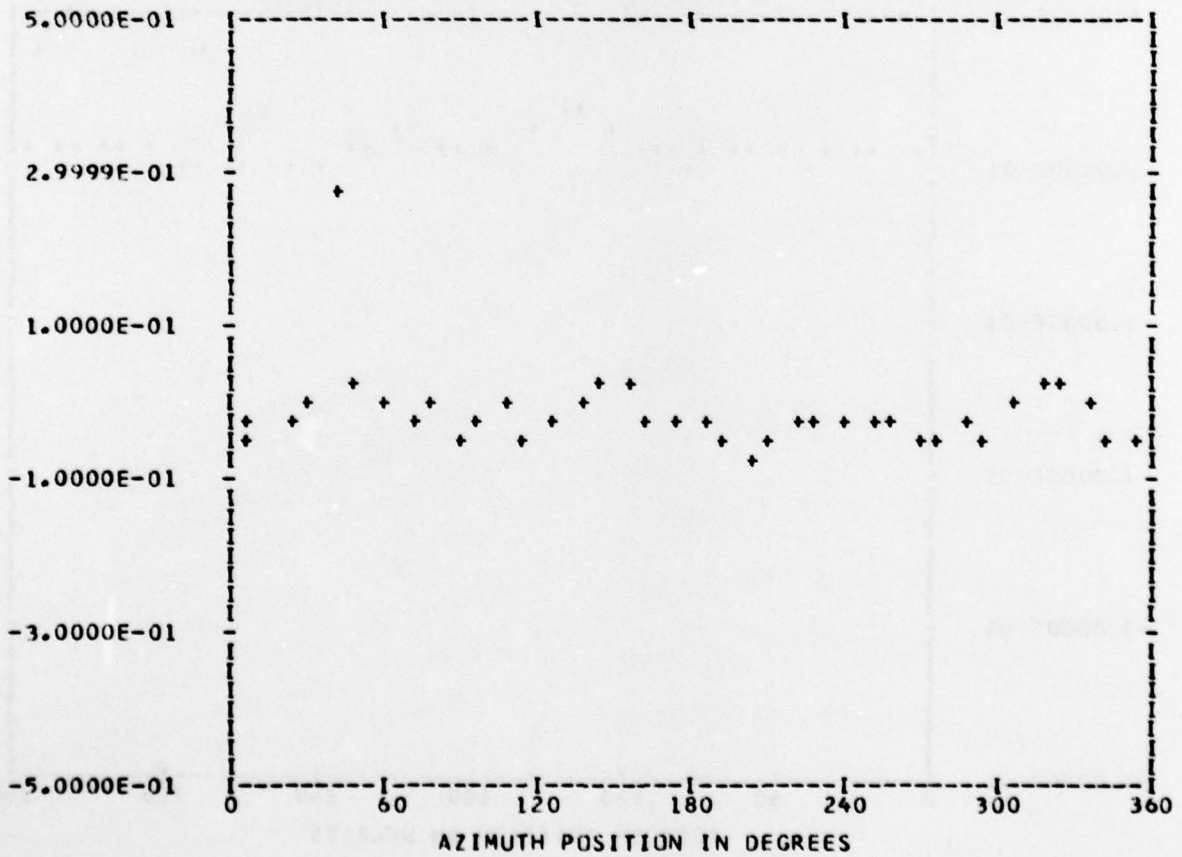
*** PS056.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14658E-01	1	0.19985E-01	0.15004E-01	0.24990E-01	53.1
	2	0.48138E-02	0.72380E-02	0.86926E-02	33.6
	3	-0.30404E-02	0.22887E-01	0.23088E-01	352.4
	4	-0.30843E-01	0.16232E-01	0.34853E-01	297.7
	5	-0.13423E-01	0.16010E-01	0.20893E-01	320.0
	6	-0.14524E-01	0.34166E-02	0.14920E-01	283.2
	7	-0.11673E-01	-0.12159E-01	0.16856E-01	223.8
	8	0.28607E-02	-0.18096E-01	0.18321E-01	171.0
	9	0.29333E-03	-0.13947E-01	0.13950E-01	178.7
	10	0.11035E-01	-0.21398E-01	0.24076E-01	152.7

MAX= 0.27416E 00 MIN=-0.78413E-01 PEAK TO PEAK/2= 0.17628E 00



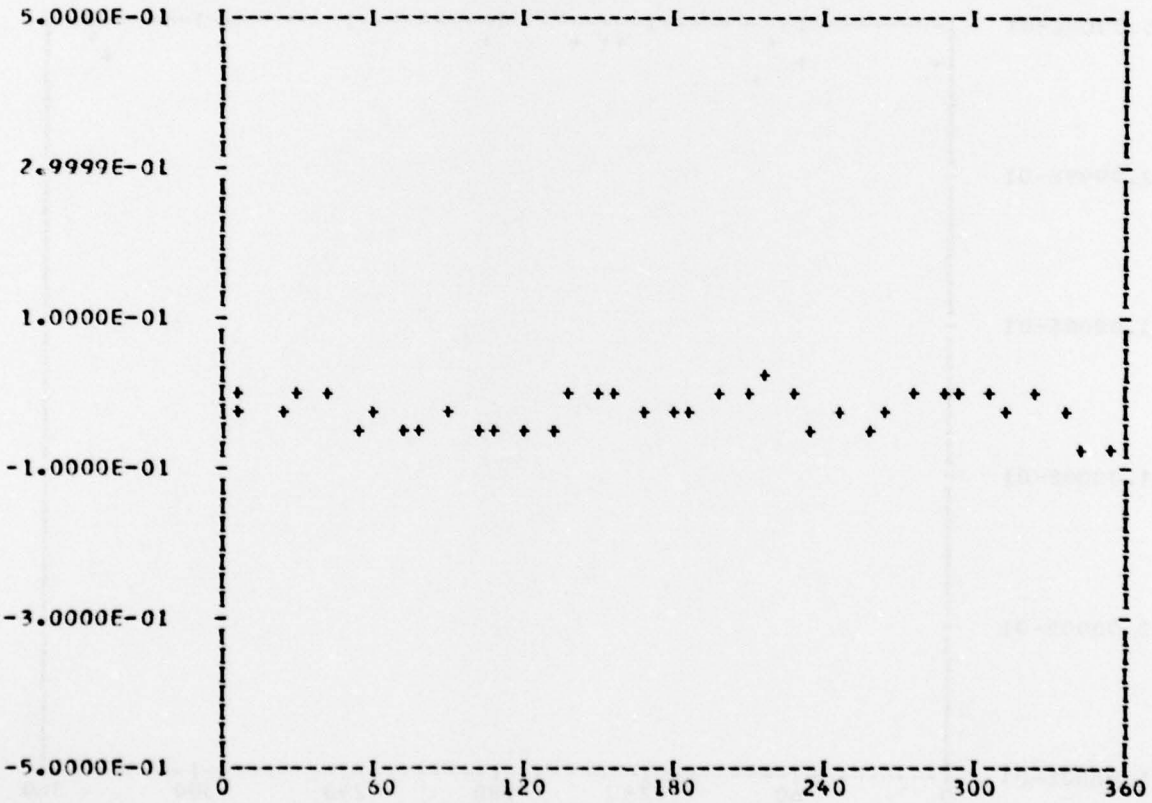
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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

*** DATA ANALYSIS ***			RUN	22
ENTERED	37		TP	2
OUT OF RANGE	0		CHAN	45
BANDEDGE	0			

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23204E-01	1	-0.72254E-02	-0.76983E-02	0.10558E-01	223.1
	2	0.48117E-02	0.11377E-02	0.49444E-02	76.6
	3	-0.97216E-02	0.94517E-02	0.13558E-01	314.1
	4	-0.69089E-02	0.13985E-01	0.15599E-01	333.7
	5	0.10446E-01	0.57640E-02	0.11931E-01	61.1
	6	-0.89638E-02	0.55286E-02	0.10531E-01	301.6
	7	0.21477E-02	0.90593E-03	0.23310E-02	67.1
	8	0.44606E-02	0.25585E-02	0.51423E-02	60.1
	9	0.28996E-02	0.39037E-02	0.48628E-02	36.6
	10	0.57500E-02	-0.21961E-02	0.61551E-02	110.9

MAX= 0.22361E-01 MIN=-0.80364E-01 PEAK TO PEAK/2= 0.51363E-01



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

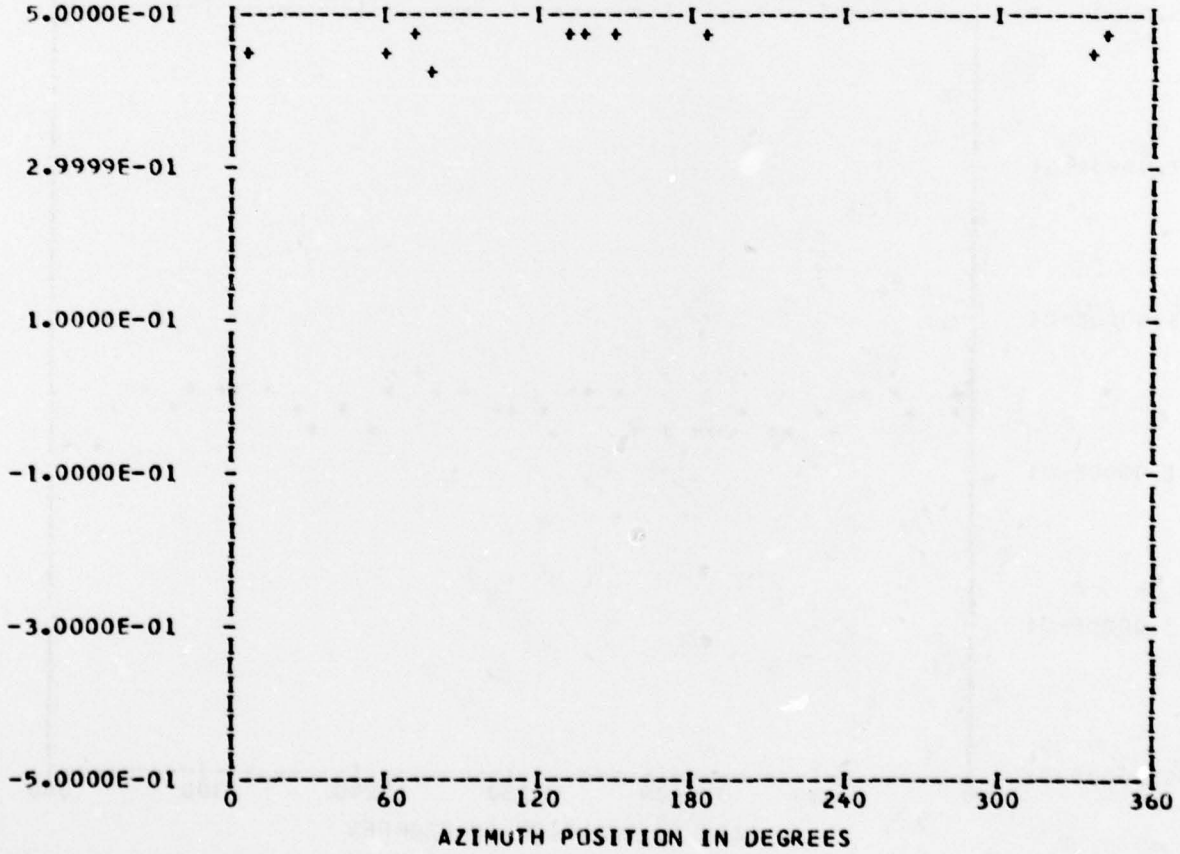
*** PS056.3 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 37
OUT OF RANGE 23
BANDEDGE 0

RUN 22
TP 2
CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.50967E 00	1	-0.15836E-01	-0.87186E-02	0.18077E-01	241.1
	2	0.62307E-02	0.31773E-02	0.69941E-02	62.9
	3	0.31317E-02	0.97082E-03	0.32787E-02	72.7
	4	0.54078E-02	0.44841E-02	0.70251E-02	50.3
	5	0.25962E-01	0.21139E-01	0.33480E-01	50.8
	6	-0.18451E-01	0.14221E-02	0.18506E-01	274.4
	7	0.13621E-01	-0.15049E-01	0.20298E-01	137.8
	8	0.22329E-02	0.25837E-03	0.22478E-02	83.3
	9	0.55754E-02	-0.93412E-02	0.10878E-01	149.1
	10	0.18378E-02	-0.35062E-03	0.18709E-02	100.8

MAX= 0.59668E 00 MIN= 0.43273E 00 PEAK TO PEAK/2= 0.81974E-01



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

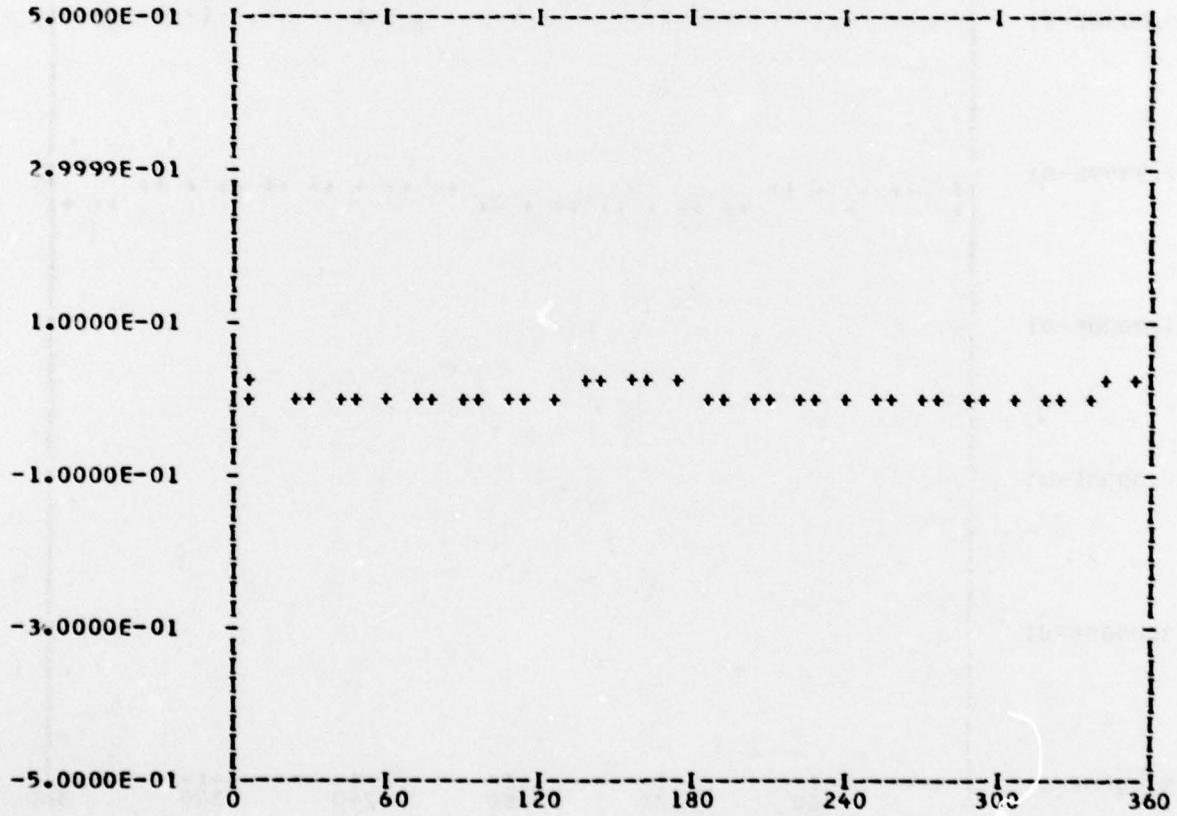
*** PS057.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24190E-02	1	-0.11081E-02	0.20190E-02	0.23031E-02	331.2
	2	0.82180E-02	-0.82893E-02	0.11672E-01	135.2
	3	0.12847E-02	0.16544E-02	0.20947E-02	37.8
	4	0.93174E-03	-0.56076E-02	0.56845E-02	170.5
	5	0.33227E-02	-0.10198E-02	0.34757E-02	107.0
	6	-0.92376E-03	-0.85733E-03	0.12602E-02	227.1
	7	0.99764E-03	0.11582E-02	0.15286E-02	40.7
	8	-0.72137E-04	-0.18506E-02	0.18520E-02	182.2
	9	0.68059E-03	0.84128E-03	0.10821E-02	38.9
	10	-0.71941E-03	-0.80432E-03	0.10791E-02	221.8

MAX= 0.27168E-01 MIN=-0.10475E-01 PEAK TO PEAK/2= 0.18822E-01



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

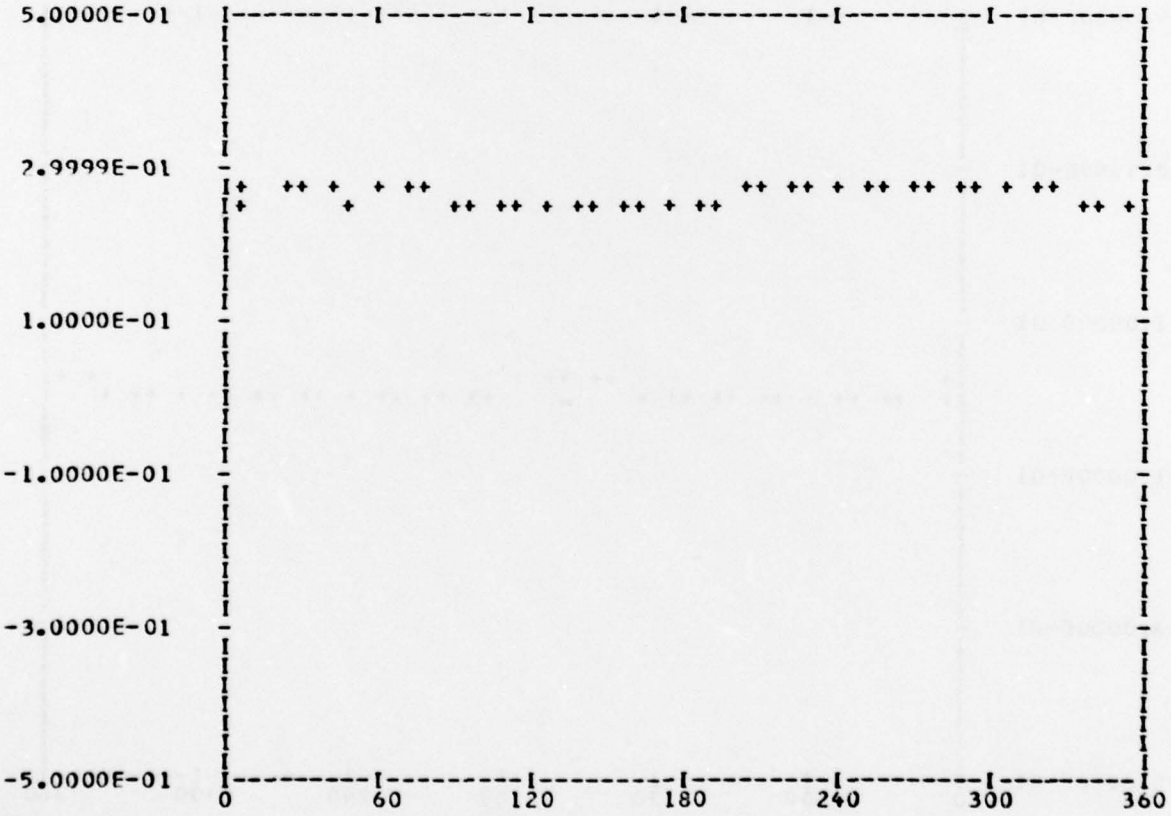
*** PS057.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.26568E 00	1	0.93732E-03	-0.92946E-02	0.93418E-02	174.2
	2	-0.32378E-02	0.40351E-02	0.51735E-02	321.2
	3	-0.32465E-02	0.28205E-02	0.43006E-02	310.9
	4	0.37973E-03	0.36726E-02	0.36921E-02	5.9
	5	0.80330E-03	0.28066E-02	0.29193E-02	15.9
	6	0.41098E-03	0.13350E-02	0.13969E-02	17.1
	7	0.15844E-02	0.17816E-02	0.23842E-02	41.6
	8	-0.41239E-02	0.31560E-02	0.51930E-02	307.4
	9	0.54643E-03	0.58081E-03	0.79745E-03	43.2
	10	0.31804E-03	-0.12628E-03	0.34220E-03	111.6

MAX= 0.28518E 00 MIN= 0.24614E 00 PEAK TO PEAK/2= 0.19520E-01



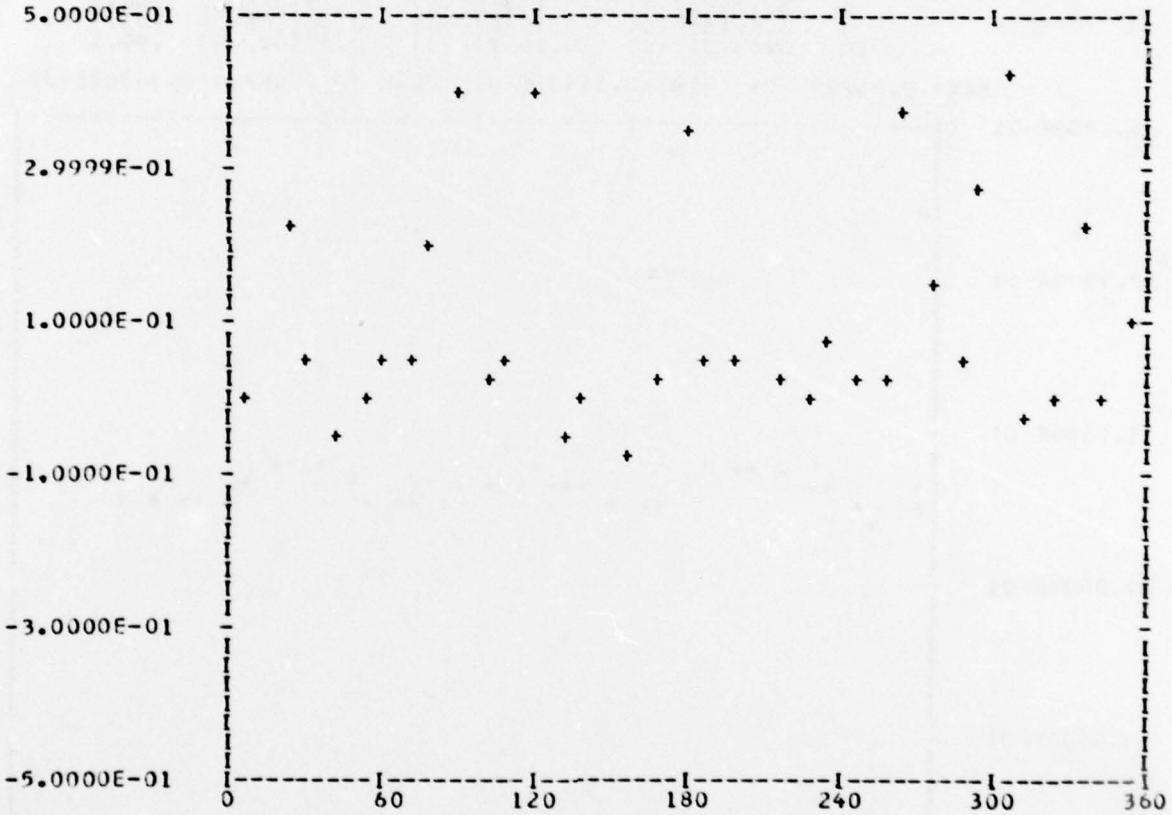
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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

*** DATA ANALYSIS ***			
ENTERED	37	RUN	22
OUT OF RANGE	0	TP	2
BANDEDGE	3	CHAN	46

HARMONIC ANALYSIS SKIPPED

MAX= 0.49942E 00 MIN=-0.63538E-01 PEAK TO PEAK/2= 0.28148E 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

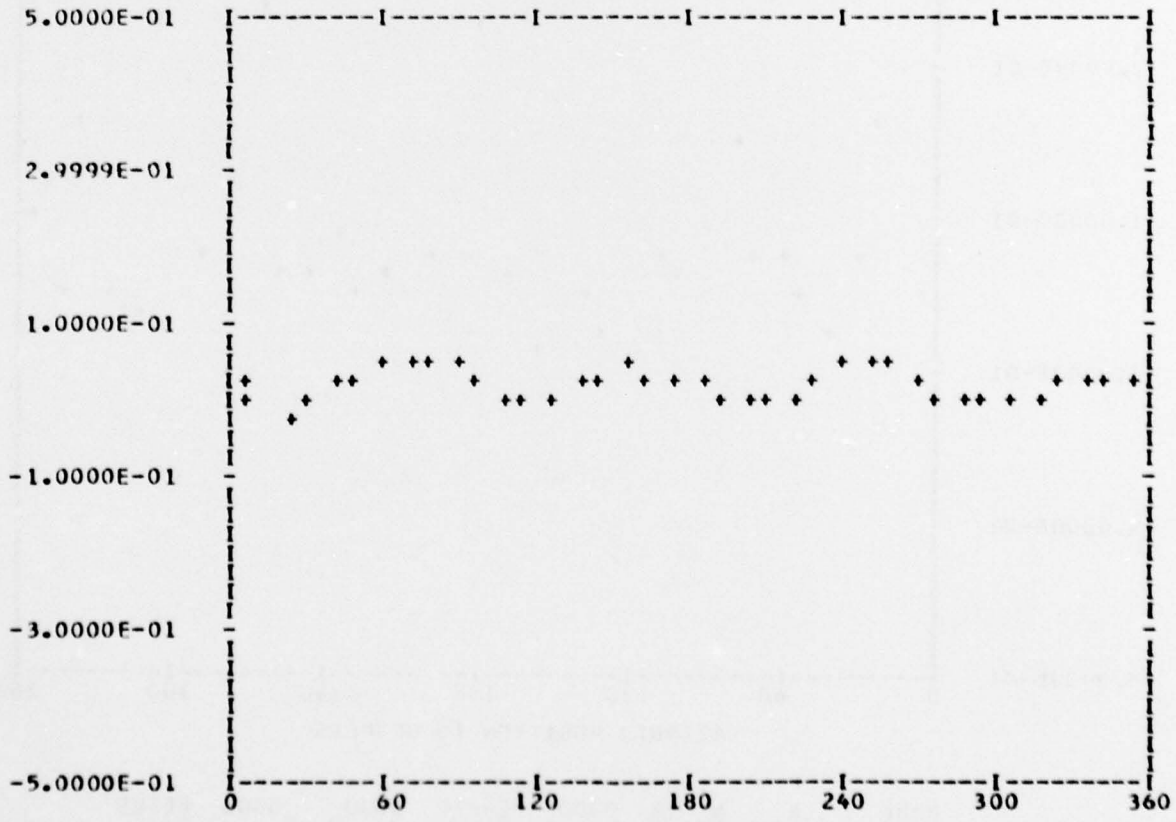
*** PS072.1 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.20507E-01	1	-0.39171E-03	0.39469E-02	0.39663E-02	354.3
	2	-0.54746E-02	0.70056E-02	0.88910E-02	321.9
	3	-0.88813E-03	-0.19453E-02	0.21385E-02	204.5
	4	-0.71069E-02	-0.21718E-01	0.22851E-01	198.1
	5	0.43487E-03	-0.24105E-02	0.24494E-02	169.7
	6	-0.16389E-02	-0.36835E-02	0.40317E-02	203.9
	7	-0.14681E-02	-0.89053E-03	0.17170E-02	238.7
	8	-0.77586E-03	-0.15716E-02	0.17526E-02	206.2
	9	-0.81780E-04	-0.39267E-03	0.40110E-03	191.7
	10	0.63771E-03	-0.16573E-03	0.65890E-03	104.5

MAX= 0.54229E-01 MIN=-0.14491E-01 PEAK TO PEAK/2= 0.34360E-01



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

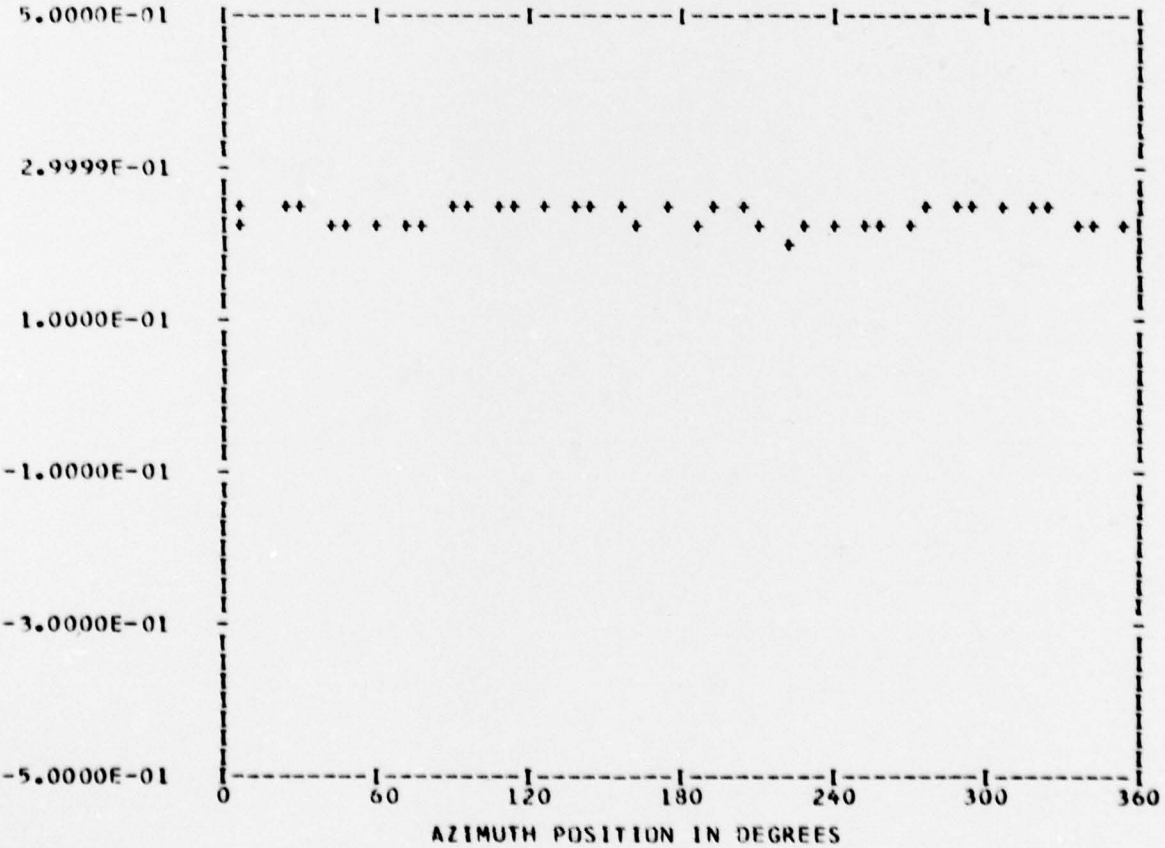
*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

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

RUN 22
TP 2
CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.23699E 00	1	0.81238E-03	0.24187E-02	0.25515E-02	18.5
	2	-0.42343E-02	-0.50933E-02	0.66236E-02	219.7
	3	0.12573E-02	0.50619E-02	0.52157E-02	13.9
	4	0.45526E-02	0.55236E-02	0.71580E-02	39.4
	5	-0.26967E-03	0.34072E-02	0.34178E-02	355.4
	6	0.19902E-02	0.20760E-02	0.28759E-02	43.7
	7	-0.56045E-03	0.10873E-02	0.12232E-02	332.7
	8	0.53375E-03	0.43120E-02	0.43449E-02	7.0
	9	-0.25380E-03	-0.14671E-02	0.14888E-02	189.8
	10	-0.11801E-02	-0.73303E-03	0.13893E-02	238.1

MAX= 0.25349E 00 MIN= 0.21239E 00 PEAK TO PEAK/2= 0.20554E-01



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