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TWO-STAGE, LOW NOISE ADVANCED TECHNOLOGY FAN
VOLUME III – ACOUSTIC DATA

by

T. G. Sofrin and N. Riloff

Pratt & Whitney Aircraft Division
United Technologies Corporation

September 1975

prepared for

National Aeronautics and Space Administration
NASA Lewis Research Center
Contract NAS3-16811

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16. Abstract

Acoustic data from static tests of a two-stage advanced technology fan designed to minimize noise are presented in this data report. The fan design conditions include delivery of 209.2 kg/sec/m^2 (42.85 lbm/sec/ft^2) specific corrected flow at an overall pressure ratio of 1.9 and an adiabatic efficiency of 85.3 percent. The 0.836 m (2.74 ft) diameter first-stage rotor has a hub/tip ratio of 0.4 and a 365.8 m/sec (1200 ft/sec) design tip speed. In addition to the moderate tip speed and pressure rise per stage, other noise control design features include widely spaced blade rows and the proper selection of blade-vane ratios. Tests on the basic configuration were supplemented by programs to evaluate acoustically treated fan discharge ducts and a translating centerbody sonic inlet device. This report contains tabulations and plots of the principal farfield noise characteristics of the fan installed in a special outdoor static noise test facility. The data presented in this report is discussed in the acoustic final report, NASA CR-134831.

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FOREWORD

The test data presented herein was prepared by the P&WA Division of United Technologies Corporation for the National Aeronautics and Space Administration under Contract NAS3-16811. Mr. L. J. Herrig and Mr. W. L. Beede were NASA Project Managers for this effort, and Mr. H.V. Marman was the P&WA Program Manager. The report was prepared by T.G. Sofrin and N. Riloff with contributions from C.A. Warden. The data presented in this report is dicussed in the acoustic final report, NASA CR-134831.

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INTRODUCTION

This report presents the acoustic data obtained from tests of a low speed, two-stage fan which was designed, constructed, and tested under Contract NAS3-16811. This two-stage fan is described in the design report.† The objective of the program was to develop fan technology for application in turbofan engines for an advanced, long-range commercial transport with a cruise Mach number of 0.85 to 0.9 and which would be required to meet stringent noise reduction goals. Fan design parameters were:

Overall total pressure ratio	1.90
Overall adiabatic efficiency	85.3%
Parameters at inlet of 1st-stage rotor:	
tip diameter	0.836 m [32.90 in.]
tip speed	365.8 m/sec [1200 ft/sec]
hub-tip ratio	0.4
specific flow	209.2 kg/sec/m^2 [42.85 lbm/sec/
corrected flow	96.39 kg/sec [212.5 lbm/sec]
corrected speed	8367 rpm

The test program involved the use of a standard flight-inlet and a partially treated sonic-inlet of a movable-plug design, and a fan discharge duct which was run both with and without sound absorbing treatment exposed on the walls and on a circumferential splitter ring. All tests were run with treatment on the interstage wall passages between the 1st-stage rotor and the 2nd-stage stator. A variable-area exhaust nozzle permitted control of the fan pressure ratio at constant fan speed. Schematic drawings of the four configurations tested are provided on page 3.

The acoustic data for these configurations are presented in tabular (computer printouts) and graphical forms. The tabulated data is in the form of one-third octave band spectra at angular locations on a 150-foot radius arc. Also included are power level (OAPWL), overall sound pressure level (OSPL), perceived noise levels without tone correction (PNL), and perceived noise levels with tone correction (PNLT). Projections of OSPL, PNL, and PNLT to sideline distances of 150 feet and 200 feet are included. The graphical presentations include PNL and PNLT directivity, one-third octave band spectra at peak PNLT inlet and aft angles, peak PNL and PNLT as functions of rig speed, one-third octave band power spectra for inlet and aft quadrants and for total radiation, and a selection of narrow band (i.e., 50 Hz) spectra.

A discussion of the acoustic and aerodynamic data is presented in the final reports.†

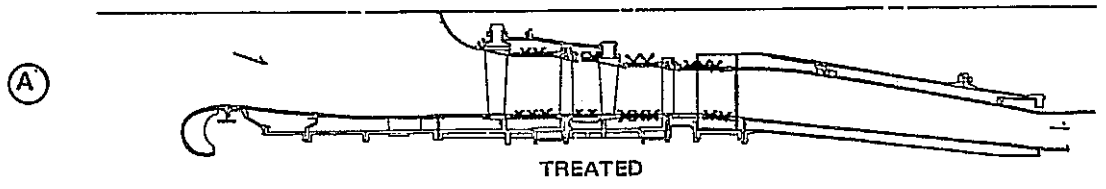
†See Bibliography, pg 311.

ABBREVIATIONS AND DEFINITIONS

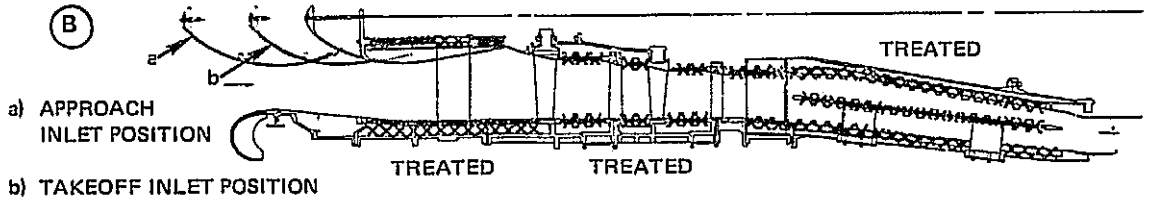
SPL	– sound pressure level, dB re 0.0002 dynes/cm^2
OSPL	– overall sound pressure level, dB (50 Hz - 10 kHz)
TSPL	– total sound pressure level, dB (50 Hz - 20 kHz)
PNL	– perceived noise level, PNdB
PNLT	– perceived tone corrected noise level, PNdB
PWL	– power level, dB re 10^{-12} watts
OAPWL	– overall power level, dB re 10^{-12} watts
1/3 OCT	– one-third octave
dB	– decibels
Hz	– hertz, cycles per second
kHz	– 1000 Hz
IN. HG	– pressure, inches of mercury
F	– degrees Farenheit
MPH	– velocity, miles per hour
rpm	– reveloutions per minute
M	– average inlet throat Mach number
N	– rotor speed, rpm
W	– inlet flow, lbm/sec
θ	– ratio of total temperature to standard temperature of 518.7°R
δ	– ratio of total pressure to standard day pressure of 2116 lbf/ft^2
Corrected Speed	– $N/\sqrt{\theta}$, rpm
Corrected Flow	– $W\sqrt{\theta}/\delta$, lbm/sec

CONFIGURATIONS TESTED

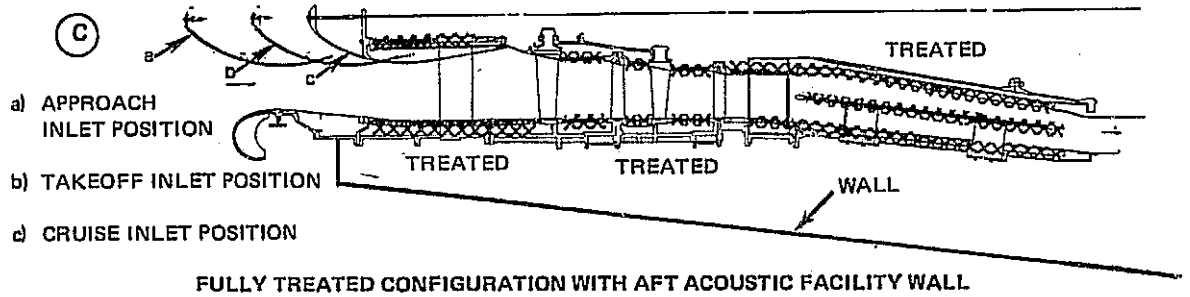
CONFIGURATIONS IN ORDER OF TESTING



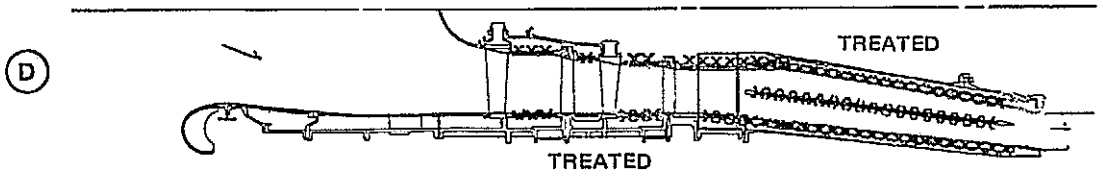
BASELINE CONFIGURATION: HARDWALL ENGINE INLET COWLING, TREATED INTERSTAGE, HARDWALL EXIT DUCTS.



FULLY TREATED CONFIGURATION: TREATED SONIC INLET, TREATED INTERSTAGE AND AFT DUCTS WITH AFT ACOUSTIC SPLITTER INSTALLED.



FULLY TREATED CONFIGURATION WITH AFT ACOUSTIC FACILITY WALL



CONFIGURATION: HARDWALL ENGINE INLET COWLING, TREATED INTERSTAGE AND AFT DUCTS WITH AFT ACOUSTIC SPLITTER INSTALLED.

OVERALL PERFORMANCE DATA FOR ACOUSTIC TEST CONDITIONS

CONFIGURATION A

Point No.	Exit Nozzle Position (%)	Operating Line	Corrected Speed (rpm)	Corrected Speed % of Design	Avg. Inlet Throat Mach. No.	Inlet Corr. Flow (lbm/sec)	Overall Press. Ratio
A-1	67.5	Nominal	5187	62.	–	136.1	1.237
A-2	60.	Nominal	5184	62.	–	134.4	1.243
A-3	60.	Nominal	5279	63.	–	135.8	1.254
A-4	100.	Wide Open	7897	94.5	–	209.4	1.46
A-5	65.	Nominal	7898	94.5	–	207.4	1.595
A-6	60.	Nominal	7892	94.5	–	206.8	1.645
A-7	55.	High	7916	94.5	–	204.7	1.672
A-8	52.	High	7910	94.5	–	201.9	1.725
A-9	50.	High	7918	94.5	–	199.5	1.751
A-10	50.	High	4183	50.	–	96.8	1.172
A-11	50.	High	5214	63.	–	125.6	1.276
A-12	50.	High	5860	70.	–	143.6	1.362
A-13	50.	High	6257	75.	–	154.8	1.415
A-14	50.	High	6693	80.	–	166.3	1.486
A-15	50.	High	7115	85.	–	177.1	1.574
A-16	50.	High	7529	90.	–	188.4	1.653
A-17	50.	High	7841	94.	–	199.0	1.730
A-18	52.	High	8383	100.	–	214.7	1.836
A-19	100.	Wide Open	3348	40.	–	90.3	1.060
A-20	100.	Wide Open	4188	50.	–	155.5	1.112
A-21	100.	Wide Open	5260	63.	–	146.0	1.178
A-22	100.	Wide Open	5857	70.	–	160.4	1.222
A-23	100.	Wide Open	6694	80.	–	178.1	1.292
A-24	100.	Wide Open	7530	90.	–	198.3	1.396
A-25	100.	Wide Open	8374	100.	–	218.3	1.530
A-26	100.	Wide Open	6287	75.	–	169.5	1.249
A-27	73.	Low	6288	75	–	166.6	1.318
A-28	73.	Low	6706	80.	–	176.1	1.365
A-29	73.	Low	6441	77.	–	170.0	1.390
A-30	73.	Low	5862	70.	–	156.1	1.276
A-31	73.	Low	5265	63.	–	140.0	1.218
A-32	70.	Low	5266	63.	–	134.0	1.254

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OVERALL PERFORMANCE DATA FOR ACOUSTIC TEST CONDITIONS

CONFIGURATION B – Approach Position (a)

Point No.	Exit Nozzle Position (%)	Operating Line	Corrected Speed (rpm)	Corrected Speed % of Design	Avg. Inlet Throat Mach No.	Inlet Corr. Flow (lbm/sec)	Overall Press. Ratio
B(a)-1	100.	Wide Open	3338	40.	–	93.84	1.076
B(a)-2	100.	Wide Open	4168	50.	–	113.40	1.121
B(a)-3	100.	Wide Open	5282	63.	–	142.38	1.192
B(a)-4	100.	Wide Open	5766	–	0.7	154.28	1.229
B(a)-5	100.	Wide Open	6114	–	0.8	162.71	1.254
B(a)-6	100.	Wide Open	6298	–	0.9	167.28	1.270
B(a)-7	100.	Wide Open	6447	–	1.0	169.72	1.280
B(a)-8	100.	Wide Open	6573	–	1.0+	169.78	1.282
B(a)-9	100.	Wide Open	6293	–	0.9	167.77	1.271
B(a)-10	68.	Nominal	5350	Approach Flow		134.51	1.258
B(a)-11	82.	Low	5907	–	0.7	154.71	1.278
B(a)-12	82.	Low	5467	–	0.61	143.67	1.237
B(a)-13	82.	Low	6227	–	0.8	163.17	1.309
B(a)-14	82.	Low	6409	–	0.9	167.50	1.326
B(a)-15	82.	Low	6548	–	1.0	169.75	1.336
B(a)-16	82.	Low	6648	–	1.0+	169.59	1.334
B(a)-17	82.	Low	6729	–	1.0++	169.55	1.338

CONFIGURATION B – Takeoff Position (b)

Point No.	Exit Nozzle Position (%)	Operating Line	Corrected Speed (rpm)	Corrected Speed % of Design	Avg. Inlet Throat Mach No.	Inlet Corr. Flow (lbm/sec)	Overall Press. Ratio
B(b)-18	62	Nominal	7256	–	0.75	185.2	1.541
B(b)-19	62	Nominal	7461	–	0.8	190.5	1.577
B(b)-20	62	Nominal	7726	–	0.9	196.1	1.616
B(b)-21	62	Nominal	7572	–	0.85	192.8	1.597
B(b)-22	62	Nominal	7716	–	0.9	196.0	1.620
B(b)-23	62	Nominal	7837	–	1.0	197.7	1.627
B(b)-24	62	Nominal	7744	–	0.95	196.8	1.622
B(b)-25	62	Nominal	7896	–	1.0+	197.6	1.634
B(b)-26	62	Nominal	7994	–	1.0++	197.7	1.634

OVERALL PERFORMANCE DATA FOR ACOUSTIC TEST CONDITIONS

CONFIGURATION C – Approach Position (a)

Point No.	Exit Nozzle Position (%)	Operating Line	Corrected Speed (rpm)	Corrected Speed % of Design	Avg. Inlet Throat Mach No.	Inlet Corr. Flow (lbm/sec)	Overall Press. Ratio
C(a)-1	100.	Wide Open	3367	40.	–	93.81	1.076
C(a)-2	100.	Wide Open	4184	50.	–	113.5	1.120
C(a)-3	100.	Wide Open	5261	63.	0.6	142.4	1.189
C(a)-4	100.	Wide Open	5774	–	0.7	154.8	1.227
C(a)-5	100.	Wide Open	6133	–	0.8	163.5	1.254
C(a)-6	100.	Wide Open	6287	–	0.9	167.7	1.266
C(a)-7	100.	Wide Open	6467	–	1.0	169.7	1.273
C(a)-8	100.	Wide Open	6540	–	1.0+	169.7	1.274

CONFIGURATION C – Takeoff Position (b)

Point No.	Exit Nozzle Position (%)	Operating Line	Corrected Speed (rpm)	Corrected Speed % of Design	Avg. Inlet Throat Mach No.	Inlet Corr. Flow (lbm/sec)	Overall Press. Ratio
C(b)-9	100.	Wide Open	3350	40.	–	93.78	1.075
C(b)-10	100.	Wide Open	4178	50.	–	113.5	1.118
C(b)-11	100.	Wide Open	5276	63.	–	142.7	1.186
C(b)-12	62.	Nominal	6671	–	0.6	169.3	1.444
C(b)-13	62.	Nominal	7092	–	0.7	180.2	1.514
C(b)-14	62.	Nominal	7457	–	0.8	189.8	1.584
C(b)-15	62.	Nominal	7691	–	0.88	194.7	1.609
C(b)-16	62.	Nominal	7729	–	0.93	196.1	1.618
C(b)-17	62.	Nominal	7849	–	1.0	197.7	1.626
C(b)-18	62.	Nominal	7921	–	1.0+	197.6	1.637
C(b)-19	62.	Nominal	7674	–	0.90	195.1	1.613
C(b)-20	62.	Nominal	7738	–	0.92	195.9	1.626
C(b)-21	62.	Nominal	7985	–	1.0++	191.1	1.601

CONFIGURATION C – Cruise Position (c)

Point No.	Exit Nozzle Position (%)	Operating Line	Corrected Speed (rpm)	Corrected Speed % of Design	Avg. Inlet Throat Mach No.	Inlet Corr. Flow (lbm/sec)	Overall Press. Ratio
C(c)-22	100.	Wide Open	3361	40.	–	95.86	1.076
C(c)-23	100.	Wide Open	4176	50.	–	113.3	1.118
C(c)-24	100.	Wide Open	5259	63.	–	141.2	1.185
C(c)-25	100.	Wide Open	5803	Speed Corresponds to 0.7M, Config. C(a)		156.5	1.230
C(c)-26	100.	Wide Open	6179	Speed Corresponds to 0.8M, Config. C(a)		165.0	1.255
C(c)-27	100.	Wide Open	6321	Speed Corresponds to 0.9M, Config. C(a)		168.8	1.270

OVERALL PERFORMANCE DATA FOR ACOUSTIC TEST CONDITIONS

CONFIGURATION C – Cruise Position (c) (Cont'd)

Point No.	Exit Nozzle Position (%)	Operating Line	Corrected Speed (rpm)	Corrected Speed % of Design	Avg. Inlet Throat Mach No.	Inlet Corr. Flow (lbm/sec)	Overall Press. Ratio
C(c)-28	100.	Wide Open	6454	Speed Corresponds to 1.0M, Config. C(a)		172.9	1.288
C(c)-29	100.	Wide Open	6581	Speed Corresponds to 1.0+M, Config. C(a)		176.3	1.298
C(c)-30	100.	Wide Open	7400	Takeoff Flow		195.2	1.399
C(c)-31	100.	Wide Open	8337	100.	–	213.2	1.487
C(c)-32	80.	Low	8367	100.	–	213.9	1.590
C(c)-33	80.	Low	7923	94.5	–	205.7	1.532
C(c)-34	62.	Nominal	7121	Speed Corresponds to 0.7M, Config. C(b)		180.6	1.526
C(c)-35	62.	Nominal	7505	Speed Corresponds to 0.8M, Config. C(b)		192.6	1.591
C(c)-36	62.	Nominal	7709	Speed Corresponds to 0.9M, Config. C(b)		197.8	1.630
C(c)-37	62.	Nominal	7871	Speed Corresponds to 1.0M, Config. C(c)		202.2	1.663
C(c)-38	62.	Nominal	7967	Speed Corresponds to 1.0+M, Config. C(b)		204.8	1.679
C(c)-39	60.	Nominal	6679	80.	–	167.1	1.465
C(c)-40	60.	Nominal	7907	94.5	–	201.1	1.680
C(c)-41	60.	Nominal	8340	100.	–	212.2	1.753
C(c)-42	60.	Nominal	7645	Takeoff Flow		195.5	1.644

CONFIGURATION D

Point No.	Exit Nozzle Position (%)	Operating Line	Corrected Speed (rpm)	Corrected Speed % of Design	Avg. Inlet Throat Mach No.	Inlet Corr. Flow (lbm/sec)	Overall Press. Ratio
D-1	100.	Wide Open	3366	40.	–	89.3	1.077
D-2	100.	Wide Open	4169	50.	–	114.2	1.122
D-3	100.	Wide Open	5254	63.	–	145.6	1.191
D-4	100.	Wide Open	6310	Speed Corresponds to 0.9M, Config. C(a)		171.7	1.279
D-5	100.	Wide Open	6431	Speed Corresponds to 1.0M, Config. C(a)		174.7	1.294
D-6	62.	Wide Open	5260	Approach Flow		135.4	1.253
D-7	62.	Nominal	7275	Speed Corresponds to 0.75M, Config. C(b)		186.7	1.548
D-8	62.	Nominal	7729	Speed Corresponds to 0.90M, Config. C(b)		199.5	1.638
D-9	62.	Nominal	7882	Speed Corresponds to 1.0M, Config. C(b)		203.6	1.660
D-10	62.	Nominal	8369	Speed Corresponds to Design		216.6	1.772

RELATIONSHIP OF 1/3-OCTAVE BAND NUMBER TO CENTER FREQUENCY

1/3 Octave Band Number	Center Frequency – Hz
1.00	50
2.00	63
3.00	80
4.00	100
5.00	125
6.00	160
7.00	200
8.00	250
9.00	315
10.00	400
11.00	500
12.00	630
13.00	800
14.00	1,000
15.00	1,250
16.00	1,600
17.00	2,000
18.00	2,500
19.00	3,150
20.00	4,000
21.00	5,000
22.00	6,300
23.00	8,000
24.00	10,000
25.00	12,500
26.00	16,000
27.00	20,000

DATA TABULATIONS
1/3-OCTAVE BAND

NOTE: 1) Operating conditions can be determined from "Point No." identification from tables of "Overall Performance Data For Acoustic Test Conditions" on pages 4 to 7.

2) Configurations are identified on page 3.

3) Relationship of 1/3-octave band number to center frequency is provided on page 8.

4) Temperature and humidity shown in the tabulations indicate standard day values to which data was corrected.

5) Inlet temperature, barometric pressure, and wind direction and velocity indicate actual conditions at which data was obtained.

6) "ALTITUDE" refers to extrapolated sideline distance from fan.

7) "CONDITION" refers to corrected RPM.

Point No. A-1

ENGINE MODEL = [illegible]
ENGINE NUMBER = 704741
STAND = X-3CB
DATE = 1/30/74

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 5202
CORRECTED RPM = 5187

INLET TEMP = 62.00 F
TIME OF DAY = 1200
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.2	72.6	72.7	72.6	72.7	73.1	71.4	71.4	71.3	71.4	70.7	71.2	71.2	72.3	72.4	74.4	75.2	75.6	77.6	78.1	114.0
.063	76.6	77.1	77.6	77.9	78.4	77.3	75.6	76.6	75.6	77.4	75.8	76.5	76.4	77.9	76.5	78.7	77.6	79.3	78.7	78.2	118.2
.080	72.9	73.2	73.4	73.4	71.9	72.2	71.2	71.7	70.1	71.2	69.9	70.8	69.8	71.4	71.8	74.6	74.9	76.6	76.7	75.2	113.7
.100	72.6	73.7	71.9	71.1	71.1	70.7	70.6	70.2	69.2	70.1	69.7	69.4	69.8	70.5	73.9	73.8	75.0	75.6	76.1	75.0	112.9
.125	75.2	74.1	76.1	75.3	70.4	71.4	71.4	71.9	71.9	72.3	72.6	73.6	72.5	73.8	75.0	75.4	76.4	76.1	77.4	75.8	114.8
.160	72.7	73.7	72.6	72.9	69.8	69.7	70.2	71.1	71.7	71.6	72.5	73.3	73.6	74.4	75.5	77.7	78.2	78.7	80.3	75.3	115.5
.200	73.5	73.9	73.1	74.8	72.1	71.9	72.7	72.7	72.3	72.5	72.8	74.0	75.1	75.9	76.7	80.6	81.8	82.7	84.7	76.3	118.1
.250	75.5	74.9	74.7	74.7	74.0	74.3	74.1	74.9	75.6	75.1	75.3	75.6	75.0	76.3	78.4	80.5	81.0	82.3	83.1	77.9	118.6
.315	75.7	76.1	75.6	75.4	76.2	77.0	76.1	76.1	75.5	76.6	76.6	77.1	76.8	77.5	78.2	80.1	81.2	83.1	85.2	80.2	119.5
.400	77.9	77.2	79.4	77.6	77.2	78.4	78.5	79.0	78.6	79.3	78.7	79.7	78.9	79.2	79.6	81.5	81.8	84.4	87.4	81.7	121.4
.500	76.6	76.0	79.7	78.1	78.7	80.0	79.1	80.2	79.7	79.8	78.6	78.7	78.1	79.4	80.0	81.8	81.7	85.8	89.5	83.2	122.3
.630	78.1	78.4	80.3	78.6	77.6	79.0	78.0	79.2	79.7	78.5	77.9	78.3	78.4	79.3	81.0	81.5	82.6	85.5	87.8	83.3	121.8
.800	76.2	75.8	76.0	76.9	77.1	76.9	76.3	76.5	76.2	76.1	77.2	77.6	76.1	79.5	80.1	80.3	81.5	85.0	86.3	81.9	120.5
1.00	74.1	75.5	76.2	76.0	76.3	76.7	76.3	76.3	76.2	76.0	76.7	77.7	77.9	78.5	79.0	78.8	80.0	83.7	84.8	81.2	119.6
1.25	74.8	75.6	76.8	76.4	76.9	76.5	76.1	76.2	76.6	76.6	76.6	77.8	77.8	76.9	78.9	77.3	78.9	83.2	84.2	80.2	119.4
1.60	75.4	76.3	77.3	77.1	76.6	76.3	76.1	76.6	76.3	76.5	76.4	77.1	77.5	78.6	78.[illegible]	76.7	78.1	82.7	84.1	80.0	119.3
2.00	78.8	79.1	79.6	78.5	78.4	77.5	77.7	77.5	77.6	77.3	78.0	78.4	78.6	79.7	79.[illegible]	77.7	79.1	82.5	84.1	80.6	120.4
2.50	85.9	86.[illegible]	86.1	86.1	87.4	86.4	85.7	83.6	82.5	82.4	79.9	79.8	79.7	80.5	80.2	77.5	78.1	80.8	82.5	78.6	124.9
3.15	78.2	74.1	75.7	74.7	80.[illegible]	78.9	79.7	78.[illegible]	77.9	79.2	79.5	80.[illegible]	81.1	81.2	80.5	77.3	77.6	80.2	81.7	77.6	121.1
4.00	80.4	81.7	[illegible]	80.[illegible]	80.4	79.4	79.8	78.7	79.2	79.1	80.4	81.1	81.5	82.3	82.0	79.2	81.3	84.9	85.1	81.8	123.0
5.00	82.3	82.1	81.7	83.[illegible]	84.4	83.6	83.2	82.4	82.4	82.4	84.2	85.[illegible]	86.2	84.7	86.4	81.0	81.9	83.8	83.4	78.5	126.0
6.30	81.4	82.7	82.[illegible]	81.9	84.6	81.7	80.[illegible]	81.[illegible]	82.[illegible]	85.[illegible]	88.9	87.9	87.4	89.4	95.6	85.6	81.6	84.5	84.2	78.7	129.9
8.00	79.1	79.4	79.4	80.[illegible]	81.6	80.9	79.[illegible]	79.7	79.7	80.6	82.6	82.9	81.9	83.1	87.3	77.7	75.4	76.0	76.3	73.5	124.3
10.0	76.5	77.[illegible]	77.6	77.[illegible]	79.[illegible]	78.2	77.2	77.3	78.7	78.8	83.[illegible]	84.7	82.[illegible]	83.9	81.5	77.4	74.6	74.1	73.9	71.4	124.8
12.5	72.6	73.6	74.3	73.6	75.2	74.2	73.4	72.1	73.1	74.2	75.7	77.1	76.2	76.8	77.8	72.2	69.9	69.4	68.9	65.4	121.3
16.0	67.1	67.5	66.5	68.5	69.6	69.7	68.2	67.4	67.6	68.9	71.9	71.9	70.2	71.6	71.1	66.4	63.1	62.1	61.4	58.6	118.1
20.0	61.3	61.[illegible]	62.2	[illegible].1	62.[illegible]	62.4	62.7	60.7	62.1	63.5	65.5	66.[illegible]	63.6	65.7	66.6	61.2	58.4	55.3	58.0	54.3	116.6
																			OAPWL =		136.2
TSPL	92.3	92.7	93.1	92.8	93.4	92.8	91.2	92.[illegible]	91.9	92.2	93.9	94.3	94.1	94.7	97.7	93.4	93.4	96.2	97.8	93.3	
OSPL	92.3	91.7	92.[illegible]	92.7	93.4	93.6	93.2	91.9	91.6	92.2	93.9	94.7	94.1	94.6	97.7	93.3	92.4	96.2	97.8	93.3	
PNLT	104.[illegible]	104.[illegible]	104.[illegible]	1[illegible].2	110.2	109.6	108.8	107.5	106.6	107.6	108.8	108.7	109.0	109.6	114.0	107.5	106.3	109.5	110.3	106.9	
PNL	104.[illegible]	103.1	1[illegible].1	1[illegible].4	1[illegible].6	1[illegible].9	1[illegible].3	1[illegible].5	105.0	106.0	107.9	107.8	108.0	108.6	112.1	106.4	105.7	106.7	109.6	105.7	

CONDITION = 5187 ALTITUDE = 150. FT SIDELINE

OSPL		74.7	[illegible].3	[illegible].9	84.0	90.7	91.6	91.3	91.7	92.2	93.6	93.8	93.4	93.4	96.2	90.8	89.3	89.7	87.8	76.7	
PNL		86.7	96.7	1[illegible].[illegible]	1[illegible].2	104.3	105.[illegible]	104.9	104.9	106.0	107.7	107.5	107.3	107.6	110.7	103.7	101.4	101.8	98.6	86.4	
PNLT		90.4	98.5	1[illegible].4	1[illegible].6	107.6	107.5	106.9	106.5	107.5	108.7	108.4	108.3	108.6	112.5	104.8	101.9	102.6	99.1	87.5	

CONDITION = 5187 ALTITUDE = 250. FT SIDELINE

OSPL		71.[illegible]	7[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].3	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	89.4	91.7	92.8	93.5	93.5	93.1	[illegible].0	86.0	86.6	86.9	85.0	73.8	
PNL		[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1[illegible].[illegible]	1[illegible].[illegible]	1[illegible].1	1[illegible].1	1[illegible].1	103.[illegible]	104.7	104.5	104.3	104.6	107.6	100.7	98.4	98.7	95.3	82.6	
PNLT		87.3	[illegible].[illegible]	[illegible].[illegible]	1[illegible].1	1[illegible].7	1[illegible].6	104.1	103.7	104.0	105.7	105.4	105.2	105.6	109.5	101.7	[illegible].0	99.3	[illegible].9	83.7	

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. A-2

ENGINE MODEL = -61
ENGINE NUMBER = 704741
STAND = X-306
DATE = 10/30/74

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED PPH = 5204
CORRECTED PPH = 5184

INLET TEMP = 63.66 F
TIME OF DAY = 1235
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.5	73.1	72.3	73.2	72.7	72.6	71.8	71.5	72.0	72.9	73.0	72.2	72.2	73.3	73.1	75.0	76.1	76.1	77.2	76.1	114.5
.063	76.8	76.6	78.6	76.8	76.2	78.1	77.4	77.6	77.5	78.6	78.0	77.6	78.2	78.8	78.1	79.4	79.3	79.8	79.4	78.6	119.4
.080	79.2	74.1	73.9	73.3	72.7	71.2	72.6	71.5	71.6	71.6	71.5	71.3	71.5	72.4	72.3	75.1	76.0	76.9	77.0	75.7	114.4
.100	75.6	72.5	72.6	71.0	71.0	70.3	71.1	70.1	70.1	70.2	70.5	69.0	70.5	71.1	71.5	74.3	75.5	75.8	76.4	75.1	113.2
.125	75.6	74.7	76.0	75.4	70.9	70.2	71.3	71.0	72.4	72.6	72.9	72.8	72.9	73.9	75.0	75.7	76.8	76.5	78.0	76.0	115.0
.160	74.2	73..	73..	73.2	74.3	69.7	70.4	71.0	72.2	72.0	73.0	73.7	73.9	75.0	75.9	78.3	79.0	78.6	79.7	74.6	115.8
.200	74.2	73.7	73.2	73.0	72.2	71.9	72.8	72.8	72.5	72.9	73.6	74.5	75.8	76.6	77.2	81.4	82.1	82.7	84.4	76.3	118.4
.250	76.0	76.4	76.5	75.2	73.4	74.5	74.1	74.9	75.8	75.3	75.6	75.9	75.5	76.9	78.5	81.4	81.6	82.3	83.8	78.2	118.9
.315	75.9	76.3	75.5	75.6	76.1	77.3	76.3	76.4	75.7	76.6	77.6	77.2	77.3	77.8	78.8	80.9	81.7	83.2	85.2	80.6	119.8
.400	78.5	77.5	79.3	78.5	77.2	76.9	78.7	79.4	79.1	79.3	79.3	79.8	79.6	79.4	80.1	82.1	82.4	84.3	85.3	82.3	121.8
.500	79.4	78.9	80.3	78.7	78.9	81.2	79.9	80.6	80.4	79.8	79.8	79.7	79.6	80.8	81.2	83.0	82.5	85.8	89.8	85.1	122.9
.630	79.4	78.7	81.0	79.1	78.9	80.3	80.3	79.7	80.0	79.5	79.1	79.0	79.1	80.2	81.9	82.6	82.9	85.6	88.9	84.8	122.7
.800	78.4	77.1	77.5	77.6	77.8	77.6	77.7	77.2	76.9	76.7	77.0	78.0	78.9	80.2	81.0	81.3	82.2	85.4	86.4	82.9	121.1
1.00	75.1	76.9	77.0	77.1	77.0	77.5	77.4	77.1	76.9	76.8	77.8	78.3	78.8	79.6	80.0	79.6	80.6	84.1	85.4	81.8	120.4
1.25	76.2	77.0	77.9	77.2	77.5	77.6	77.1	76.8	77.1	77.3	77.6	78.1	78.8	79.8	80.0	78.2	79.5	83.8	85.1	80.9	120.2
1.60	76.0	77.7	79.2	77.9	77.5	77.3	77.6	76.8	77.0	77.1	77.4	77.8	78.7	79.5	79.5	77.5	78.7	83.1	84.9	80.8	120.0
2.00	79.5	79.9	80.2	79.6	79.6	78.6	78.8	78.1	78.2	77.9	78.8	78.6	79.5	80.6	80.4	78.3	79.4	82.9	84.7	81.0	121.1
2.50	86.4	86.9	87.3	87.1	86.8	86.4	86.9	84.2	83.8	83.6	84.7	84.0	80.6	80.9	80.9	78.0	78.8	81.3	83.2	79.2	125.6
3.15	79.9	81.7	81.2	81.3	81.3	81.2	79.6	79.1	78.6	78.3	79.8	80.7	80.8	81.3	80.5	77.8	78.1	80.6	83.1	78.5	121.7
4.00	81.7	82.6	81.8	82.2	81.6	80.8	80.4	79.6	79.5	79.4	80.8	81.3	81.8	82.6	81.7	79.2	81.2	85.0	85.5	81.8	123.5
5.00	83.3	83.2	84.1	84.7	85.2	84.5	84.0	83.1	82.5	82.9	83.7	84.6	84.0	84.3	84.3	81.3	81.0	84.1	83.3	78.7	125.9
6.30	83.4	84.1	83.8	84.4	84.4	83.8	82..	82.6	83.4	84.3	86.1	87.9	84.4	87.1	90.1	84.5	80.8	84.3	83.9	78.1	120.1
8.00	82.0	81.4	80.9	81.5	82.7	81.8	80.6	80.2	79.4	79.9	82.1	82.7	81.3	81.8	81.1	77.6	75.5	76.4	76.5	73.5	124.3
10.0	77.7	77..	78.0	78.5	79.8	78.9	77.8	77.7	77.5	79.1	82.7	83.4	80.4	80.8	79.9	76.2	74.2	74.2	73.6	70.8	124.1
12.5	73.8	74.9	75.4	74.6	76.1	74.7	74.0	73.6	72.8	74.2	75.7	76.9	76.6	75.7	75.1	72.0	69.8	69.6	68.8	65.2	121.2
16.0	68.2	68.1	68.5	69.4	69.5	69.0	68.5	67.8	67.2	68.7	71.9	71.0	69.6	70.4	69.3	66.1	63.2	62.4	61.1	58.1	117.9
20.0	61.9	61.5	62.6	63.1	62.8	62.6	62.1	61.2	61.6	62.3	65.6	65.8	62.9	64.5	64.1	60.9	58.7	55.7	57.2	54.0	116.2
																				CAPWL =	136.1
TSPL	93.5	93.6	93.9	93.8	94.1	93.5	93.2	92.5	92.4	92.6	93.9	94.1	93.3	94.3	95.1	93.8	93.9	96.4	98.2	94.0	
OSPL	93.4	93.5	93.8	93.7	94.1	93.4	93.1	92.8	92.3	92.5	93.8	94.0	93.2	94.2	95.1	93.7	93.9	96.3	98.2	94.0	
PNLT	109.8	109.5	110..	110.1	110.4	109.7	109.9	107.9	107.6	107.3	108.8	108.8	107.6	108.8	110.5	107.1	106.5	109.6	110.7	107.0	
PNL	107.4	107.7	108..	107.9	108.3	107.2	107.4	106.0	105.8	105.3	107.7	107.8	106.5	107.9	109.3	106.3	105.9	108.9	110.0	106.0	

CONDITION = 5184 ALTITUDE = 150. FT SIDELINE

OSPL		75.3	93.1	94.1	94.7	94.0	91.6	91.0	92.2	92.5	93.6	93.7	92.6	93.2	93.6	91.2	89.8	89.9	90.3	77.5	
PNL		88.4	97.2	101.0	104.1	104.9	106.0	105.4	105.0	104.3	107.6	107.5	105.9	106.5	107.9	102.6	101.4	102.3	99.1	86.8	
PNLT		91.1	99.4	103.7	106.5	107.1	108.6	107.3	107.4	107.3	108.6	108.4	107.6	107.9	109.0	104.4	102.1	102.5	99.1	86.8	

CONDITION = 5184 ALTITUDE = 200. FT SIDELINE

OSPL		74..	9 .1	93.4	94.7	93.9	91.9	89.1	90.4	90.7	91.7	91.7	89.8	90.4	90.7	88.5	87.1	87.1	85.5	74.6	
PNL		84.1	94..	98.6	101.1	101.9	103.2	102.4	102.5	101.3	104.6	104.5	102.7	103.9	104.8	101.6	98.6	98.9	95.8	83.1	
PNLT		87.4	96.2	100.1	103.0	104.2	105.7	104.5	104.7	104.3	106.6	106.5	104.1	104.9	106.0	101.4	98.2	98.4	95.8	83.1	

Point No. A-3

ENGINE MODEL = -00
ENGINE NUMBER = 744741
STAND = X-308
DATE = 11/30/74

TEMPERATURE = 59.0 F
HUMIDITY = 76.0 PER CT.
OBSERVED RPM = 5310
CORRECTED RPM = 5279

INLET TEMP = 65.00 F
TIME OF DAY = .310
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.6	72.4	72.8	72.9	73.2	73.2	71.8	72.3	73.2	72.7	72.9	72.3	73.4	73.6	73.9	74.8	75.8	76.2	77.7	79.0	114.8
.063	78.3	78.7	78.7	78.4	78.5	78.3	77.5	78.0	77.9	78.7	77.9	77.8	78.2	79.2	78.2	79.6	79.5	80.2	79.8	79.8	119.6
.080	74.5	74.1	73.8	73.2	72.4	71.1	71.6	71.5	70.8	71.2	70.4	70.5	70.9	71.5	72.9	75.0	75.7	77.0	76.8	77.2	114.0
.100	72.7	72.6	72.3	71.4	71.8	71.0	71.2	70.9	70.0	70.9	70.5	70.0	70.8	71.5	72.1	74.6	75.8	76.5	76.6	76.7	113.6
.125	74.6	73.2	74.8	73.7	70.6	69.7	71.0	71.7	72.2	72.2	72.8	73.4	73.1	73.7	75.2	76.0	77.4	77.3	78.1	77.7	115.0
.160	73.0	72.4	72.6	72.4	69.9	69.8	70.4	71.3	72.2	72.1	73.2	73.6	74.4	75.3	76.4	78.2	79.0	79.3	79.4	76.8	115.9
.200	73.7	73.5	73.5	73.1	71.6	72.3	73.2	73.2	72.9	72.8	73.9	74.5	76.1	77.1	78.1	81.4	82.5	83.3	83.8	78.2	118.6
.250	75.9	76.4	76.6	75.2	74.6	74.3	74.4	75.0	76.1	75.4	76.0	76.0	76.0	77.4	79.3	81.4	82.7	83.2	83.5	79.7	119.3
.315	76.2	76.4	75.9	76.1	76.8	77.6	76.8	76.7	76.1	76.9	77.4	77.6	77.6	78.5	79.8	81.4	82.3	83.6	85.6	81.9	120.3
.400	78.3	77.6	79.6	78.4	77.7	79.1	79.1	79.8	79.5	79.7	79.6	80.0	80.0	80.0	80.2	81.9	82.7	84.7	88.5	83.6	122.1
.500	79.5	79.6	80.6	79.1	79.6	80.8	80.4	80.8	81.0	80.2	80.0	80.0	80.6	81.1	81.9	83.2	83.3	86.5	90.7	85.9	123.5
.630	78.8	79.1	81.2	79.4	79.2	80.9	81.5	79.8	80.9	79.7	79.7	78.9	79.9	80.6	82.6	82.9	83.4	86.3	89.6	86.0	123.2
.800	77.0	77.0	77.9	77.9	78.3	78.1	77.9	77.7	77.4	77.0	78.4	78.0	79.7	80.7	81.2	81.6	83.1	86.0	87.0	84.1	121.6
1.00	75.3	76.2	77.0	77.4	77.7	77.8	77.7	77.7	77.4	76.9	78.1	78.4	79.5	79.8	80.4	80.0	81.6	84.7	85.9	82.8	120.9
1.25	76.3	76.6	78.3	77.2	78.3	77.7	77.5	77.4	77.7	77.7	78.1	78.3	79.5	80.3	80.3	78.7	80.5	84.4	85.5	81.8	120.7
1.60	76.8	77.4	78.7	78.4	78.2	77.6	77.4	77.2	77.4	77.5	77.9	77.9	79.5	79.9	79.8	77.9	79.6	84.0	85.4	81.8	120.6
2.00	79.5	79.2	80.2	79.2	79.8	78.4	78.7	78.1	78.3	78.0	79.0	78.8	80.1	80.6	80.1	76.8	80.4	84.0	85.2	81.9	121.3
2.50	84.5	85.7	87.2	86.3	86.3	86.6	86.6	83.7	83.1	80.5	81.1	80.0	81.0	81.2	80.5	77.9	79.6	82.0	83.6	80.0	125.4
3.15	79.7	80.0	81.5	81.0	81.4	80.1	79.7	78.9	79.1	78.5	80.1	80.3	81.1	81.6	80.5	77.8	78.9	81.3	82.9	79.4	121.9
4.00	81.5	81.4	82.0	81.7	81.5	80.6	80.6	79.6	79.9	79.5	81.2	81.2	82.1	83.0	81.4	79.4	81.3	85.1	84.7	82.2	123.5
5.00	83.2	82.4	84.3	84.1	85.4	84.5	84.4	82.7	82.7	82.0	84.0	84.5	83.7	85.0	83.1	80.3	81.0	83.9	82.5	79.3	125.8
6.30	81.7	81.9	82.9	82.5	83.8	82.6	82.1	82.2	82.4	85.4	88.5	89.6	86.9	91.6	88.8	83.2	82.3	86.3	84.4	79.9	128.6
8.00	79.9	79.7	81.9	80.3	82.0	81.6	80.7	80.1	79.7	80.1	81.8	82.2	81.3	82.6	80.6	77.5	76.2	76.8	76.7	74.2	124.2
10.0	77.3	77.1	78.5	78.2	79.6	79.1	78.4	77.8	78.3	79.4	82.0	84.0	80.9	82.9	80.6	77.6	75.6	74.8	74.3	72.0	124.6
12.5	73.6	74.5	75.6	74.3	75.7	74.7	73.8	73.4	73.1	74.5	75.6	77.2	76.4	76.6	74.9	72.1	70.3	70.1	69.1	66.1	121.3
16.0	68.1	67.9	68.4	68.9	69.7	69.6	68.3	67.4	67.4	68.8	70.7	71.8	69.6	71.1	69.0	66.0	63.8	62.7	61.2	59.2	117.9
20.0	61.9	61.1	63.1	62.5	62.8	62.6	61.9	60.7	61.6	63.5	65.4	65.7	62.9	65.4	64.0	61.0	58.7	55.9	56.7	56.0	116.2
																			OAPNL =		136.4
TSPL	93.0	92.8	94.0	93.4	94.5	93.5	93.4	92.5	92.6	92.6	94.1	94.4	94.0	95.9	94.8	93.8	94.5	97.0	98.6	95.1	
OSPL	93.0	92.7	93.4	93.3	94.2	93.4	93.3	92.4	92.5	92.5	94.0	94.5	93.9	95.0	94.8	93.7	94.5	97.0	98.6	95.0	
PNLT	109.5	108.8	111.2	109.4	111.1	109.4	109.8	107.6	107.1	107.2	109.1	109.7	108.6	111.5	109.8	106.6	107.1	110.4	110.7	107.3	
PNL	107.2	106.6	108.1	107.3	108.5	107.2	107.4	105.8	105.7	106.1	108.0	108.6	107.6	110.2	108.7	105.8	106.4	109.4	109.9	106.8	

CONDITION = 5279 ALTITUDE = 150. FT SIDELINE

OSPL		74.8	85.2	86.5	86.8	90.8	91.9	91.8	92.3	92.5	93.9	94.2	93.3	94.9	93.4	91.2	90.4	90.5	88.7	78.6	
PNL		86.0	97.2	100.5	100.2	104.6	106.9	105.2	105.5	106.1	107.9	108.3	107.0	109.2	107.2	103.2	102.1	102.5	98.9	87.7	
PNLT		90.1	99.4	102.6	102.8	106.9	108.5	107.0	107.0	107.2	108.9	109.4	108.0	110.5	108.4	103.9	102.7	103.5	99.8	87.7	

CONDITION = 5279 ALTITUDE = 200. FT SIDELINE

OSPL		71.6	81.2	82.5	82.9	87.9	89.1	89.1	89.6	89.7	90.9	91.2	90.5	91.4	90.5	88.5	87.7	87.8	85.9	75.7	
PNL		84.2	94.0	97.6	101.3	101.8	103.2	102.4	102.7	103.1	104.9	105.3	104.0	106.2	104.2	100.1	99.1	99.4	95.7	84.2	
PNLT		86.4	96.2	99.5	103.9	104.0	105.6	104.2	104.2	104.2	106.0	106.4	105.0	107.5	105.4	100.9	99.8	100.4	96.5	84.2	

Point No. A-4

ENGINE MODEL = -6C
ENGINE NUMBER = 7C4741

STAND = X-306
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7951
CORRECTED RPM = 7897

INLET TEMP = 66.00 F
TIME OF DAY = 1330
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12H
.050	78.3	76.3	77.2	77.2	78.0	77.7	77.3	77.4	78.2	77.5	78.3	79.5	79.4	80.5	80.8	83.8	83.4	83.6	85.9	86.1	121.4
.063	80.9	80.2	80.7	80.5	80.3	79.7	79.8	79.8	80.6	80.6	81.3	80.4	81.3	82.9	82.9	85.4	85.8	85.0	85.6	85.1	123.2
.080	81.2	77.7	78.0	77.0	76.4	75.5	76.8	75.7	76.1	75.4	76.2	76.9	77.6	80.3	81.2	83.9	84.2	84.9	85.0	83.9	121.0
.100	78.6	76.7	77.1	75.6	76.0	75.1	75.6	74.8	75.6	75.4	76.2	77.1	78.3	79.7	80.5	84.0	84.3	83.7	83.8	82.6	120.5
.125	78.1	76.9	77.1	75.9	75.8	76.0	75.4	75.5	76.8	78.3	78.7	80.2	80.4	82.3	83.6	84.5	84.9	83.7	84.3	82.9	121.6
.160	77.6	76.3	76.8	76.1	75.2	75.0	76.1	77.1	78.1	78.9	80.9	81.7	82.7	84.4	86.0	87.7	87.3	84.9	86.3	82.2	123.6
.200	79.6	79.3	79.2	78.4	78.4	78.3	79.1	79.3	79.6	80.1	81.8	83.2	84.4	86.1	87.9	91.1	90.1	87.6	88.9	83.5	126.1
.250	81.3	81.2	81.1	81.6	80.1	79.4	80.0	80.9	82.2	81.7	82.6	83.3	84.4	86.5	88.0	91.1	89.4	88.1	88.5	84.2	126.4
.315	82.6	82.2	81.8	82.1	82.6	82.9	82.6	82.8	82.9	84.6	85.2	85.5	85.7	86.9	88.2	90.3	88.9	89.7	89.1	86.2	127.1
.400	83.5	82.7	84.2	83.5	83.3	84.7	85.2	85.3	85.1	86.0	87.0	87.2	87.6	88.7	89.8	89.9	88.2	89.5	92.6	87.9	128.3
.500	84.4	84.7	85.1	84.3	85.6	85.6	86.1	87.2	87.3	86.9	88.0	87.9	88.2	90.0	90.7	89.4	88.5	90.7	92.6	89.4	129.2
.630	84.1	84.7	84.4	84.6	85.4	85.9	86.3	85.8	85.9	86.3	86.7	87.1	88.2	89.5	90.3	88.3	88.2	91.3	92.0	90.1	128.8
.800	82.4	83.0	83.5	83.2	84.2	84.2	83.8	84.1	84.1	85.0	86.4	87.3	88.6	89.5	89.4	87.8	88.5	91.3	91.0	90.3	128.1
1.00	81.9	83.3	84.4	83.5	84.3	84.7	85.1	85.2	85.9	85.2	86.6	87.1	88.3	88.9	88.7	86.7	87.0	90.2	89.7	88.9	127.9
1.25	81.4	82.5	83.6	82.9	83.7	83.6	84.1	84.4	85.5	86.0	87.6	88.6	89.6	89.8	88.3	86.1	86.8	89.5	86.8	88.0	127.9
1.60	81.2	82.7	84.5	84.1	84.4	84.1	84.4	84.6	85.7	86.0	87.1	87.9	89.4	89.6	87.8	85.4	86.1	89.1	88.4	87.8	127.8
2.00	81.9	83.5	84.3	84.2	84.4	84.3	84.8	85.2	85.8	86.5	87.8	88.5	90.0	89.6	87.7	85.6	85.8	88.2	87.9	87.0	128.0
2.50	84.2	85.0	85.5	85.1	84.8	85.5	86.1	86.2	87.1	87.5	88.4	89.3	90.5	89.9	87.3	85.2	85.9	88.3	88.2	87.1	128.8
3.15	85.9	87.1	87.3	87.3	86.8	87.0	87.2	87.6	88.1	89.1	89.7	90.5	91.1	90.6	87.6	85.7	85.7	87.6	87.1	85.8	129.9
4.00	91.7	91.9	92.1	91.5	90.6	90.9	90.7	90.5	91.2	91.8	93.0	92.8	93.2	93.2	90.2	88.2	86.7	87.7	86.0	85.2	133.2
5.00	83.2	84.6	84.9	84.8	85.3	86.1	87.3	89.2	91.8	92.8	95.7	93.9	94.0	95.6	92.2	89.8	87.6	87.4	85.9	85.0	133.5
6.30	82.4	83.7	84.0	84.0	84.5	85.0	86.7	88.4	90.1	91.6	92.9	92.3	92.5	92.9	90.4	87.4	85.3	86.1	84.3	82.9	132.2
8.00	81.9	82.6	83.3	83.2	83.4	84.1	86.0	87.3	89.5	91.6	93.6	92.8	92.4	92.6	90.9	87.5	85.4	86.3	84.6	82.2	133.1
10.0	77.8	78.7	80.1	80.1	81.7	82.1	83.3	85.8	88.4	90.5	91.6	91.6	92.1	92.7	92.4	88.3	85.0	84.4	82.1	80.1	133.6
12.5	73.3	75.0	76.2	75.6	76.8	77.8	79.5	82.5	84.1	86.9	87.5	87.5	87.8	87.2	86.3	82.7	80.0	79.5	75.7	73.6	131.0
16.0	67.6	68.3	70.0	70.1	70.9	72.2	73.9	76.9	78.7	81.5	82.7	82.3	82.4	82.7	81.5	78.1	75.0	73.5	69.2	67.3	128.2
20.0	61.3	61.7	63.8	64.1	64.3	66.1	67.8	70.2	73.8	77.0	78.3	77.5	76.8	78.1	77.1	72.6	69.1	66.4	63.6	63.5	127.5
																				OAPWL =	143.5
TSPL	97.2	97.5	98.1	97.6	97.7	98.0	98.5	99.2	100.3	101.3	102.8	102.6	103.1	103.7	102.6	101.7	100.8	101.9	102.2	100.2	
OSPL	97.1	97.5	98.0	97.6	97.7	97.9	98.4	99.0	100.2	101.1	102.6	102.4	103.0	103.6	102.5	101.6	100.8	101.9	102.2	100.2	
PNLT	114.5	114.6	114.4	114.2	113.8	113.8	113.8	113.5	114.5	115.3	117.1	115.9	116.5	117.3	115.3	113.7	112.5	113.6	113.3	111.8	
PNL	112.1	112.4	112.9	112.4	112.2	112.4	112.7	113.0	113.9	114.6	116.6	115.9	116.5	117.3	115.3	113.7	112.5	113.6	113.3	111.8	

CONDITION = 7897 ALTITUDE = 150. FT SIDELINE

OSPL		79.6	87.4	90.8	93.4	95.4	97.0	98.4	100.0	101.1	102.5	102.1	102.3	102.6	101.1	99.1	96.7	95.5	92.3	83.7	
PNL		92.6	101.7	105.4	107.8	109.8	111.2	112.4	113.8	114.6	116.4	115.6	115.9	116.4	113.9	111.0	108.2	106.8	102.7	93.4	
PNLT		94.8	103.6	107.2	109.4	111.2	112.4	112.9	114.3	115.3	116.9	115.6	115.9	116.4	113.9	111.0	108.2	106.8	102.7	93.4	

CONDITION = 7897 ALTITUDE = 200. FT SIDELINE

OSPL		76.4	84.4	87.9	90.6	92.6	94.2	95.6	97.1	98.2	99.5	99.2	99.4	99.7	98.2	96.4	94.0	92.7	89.6	80.9	
PNL		88.7	98.3	102.2	104.8	106.8	108.4	109.5	110.9	111.8	113.5	112.7	113.0	113.5	111.0	108.1	105.2	103.8	99.6	89.9	
PNLT		90.6	100.2	104.0	106.3	108.3	109.5	110.8	111.5	112.5	114.0	112.7	113.0	113.5	111.0	108.1	105.2	103.8	99.6	89.9	

Point No. A-5

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT

OBSERVED RPM = 7952
CORRECTED RPM = 7898

INLET TEMP = 66.00 F
TIME OF DAY = 1345
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	78.7	77.4	78.3	79.0	77.9	79.5	77.8	79.3	78.3	78.2	78.5	79.3	79.5	81.1	82.2	84.4	85.4	84.8	85.2	90.2	122.4
.063	80.5	80.4	80.5	81.0	80.2	80.0	80.0	80.6	80.2	80.9	80.5	81.0	81.8	83.8	83.9	86.7	87.5	86.7	85.5	88.9	124.1
.080	80.2	80.2	79.0	79.3	78.7	78.1	77.2	78.7	75.6	77.5	77.0	78.5	79.2	81.8	83.3	86.1	87.1	86.6	85.8	87.8	122.9
.100	78.7	80.3	78.6	79.6	77.0	79.1	76.5	79.7	75.9	79.2	77.1	79.9	80.1	82.3	82.6	86.1	87.4	85.8	85.5	86.9	123.0
.125	80.1	80.8	78.7	80.4	76.8	79.8	76.6	81.1	78.2	81.8	79.0	83.0	82.6	85.2	85.2	87.2	87.1	86.4	86.3	87.5	124.2
.160	78.4	80.3	77.0	79.6	76.7	79.5	77.9	81.7	79.7	82.8	82.1	85.0	85.1	87.8	88.6	91.1	90.3	88.1	86.4	86.6	126.5
.200	80.4	81.7	80.3	81.2	79.5	81.1	80.8	82.3	81.3	83.0	83.4	85.9	87.0	89.5	91.2	94.7	94.2	90.0	89.9	87.1	129.2
.250	82.5	83.7	83.0	82.6	81.2	82.2	82.3	83.6	83.8	84.2	84.3	85.6	87.1	90.1	91.5	94.9	94.2	90.8	90.3	87.3	129.7
.315	84.6	84.5	83.8	84.3	84.7	86.0	85.7	85.7	85.4	86.9	87.6	88.4	89.0	90.4	91.6	94.1	93.7	91.4	91.7	89.3	130.4
.400	85.3	84.9	86.7	86.1	85.9	87.4	87.6	88.1	87.8	88.4	89.2	89.6	90.4	92.6	94.1	94.3	93.7	91.9	94.3	91.0	131.5
.500	86.4	87.2	86.5	87.5	88.5	89.1	89.2	90.2	89.2	89.3	89.7	90.6	91.8	93.8	95.3	93.5	92.5	93.4	95.6	92.5	132.6
.630	87.1	87.4	86.6	88.1	89.0	89.1	88.5	89.8	89.1	90.1	89.8	90.7	91.8	93.3	94.6	94.1	92.8	94.3	96.4	93.1	132.7
.800	85.2	86.2	86.7	86.5	87.4	87.1	87.2	87.4	87.9	88.4	89.4	90.4	91.8	93.5	93.7	92.6	92.7	94.0	95.3	92.6	131.8
1.00	84.7	86.6	87.9	87.2	87.7	87.7	88.4	88.4	88.9	88.3	89.0	90.2	91.3	92.4	92.6	91.6	91.9	93.8	94.5	92.3	131.5
1.25	84.5	86.2	87.6	87.1	87.5	87.1	87.5	87.6	88.2	88.5	89.0	90.2	91.0	92.0	91.2	90.1	90.9	92.8	93.5	91.6	130.9
1.60	84.0	86.4	88.0	87.7	87.7	87.3	87.5	87.7	87.9	88.5	89.4	90.1	91.0	91.3	90.4	89.4	89.9	92.4	93.0	91.4	130.7
2.00	84.5	87.1	88.2	87.5	87.7	87.6	87.9	88.0	88.3	88.5	89.8	90.4	90.9	90.9	90.0	89.0	89.8	91.7	92.7	90.9	130.7
2.50	85.4	88.1	88.8	88.3	87.9	88.4	88.4	88.4	88.7	88.9	90.0	90.6	90.9	90.9	89.5	88.4	89.5	91.5	92.7	90.9	131.0
3.15	86.8	89.2	90.0	89.7	89.5	89.3	89.0	89.1	89.1	89.3	90.2	91.0	91.0	90.4	88.8	87.8	89.1	90.8	92.1	90.0	131.4
4.00	91.6	93.0	92.4	92.4	92.1	92.0	91.7	91.6	91.2	91.5	91.7	92.0	92.3	91.1	89.2	87.9	88.4	89.9	90.9	89.0	133.4
5.00	84.4	86.5	88.1	88.1	88.4	88.9	89.5	89.6	90.9	91.8	93.0	92.9	93.9	91.8	89.4	88.2	88.1	89.6	89.6	88.2	132.8
6.30	83.4	85.4	86.5	86.8	87.2	87.6	88.1	88.6	89.6	90.4	91.3	91.0	91.1	90.1	88.1	86.3	86.1	87.4	87.9	86.1	131.7
8.00	82.4	84.1	85.4	85.4	85.7	86.5	87.4	88.2	89.3	90.8	91.6	91.5	91.0	89.9	88.8	86.1	85.9	87.0	87.2	84.8	132.4
10.0	78.5	80.2	82.3	82.4	83.2	84.2	85.7	86.8	88.1	90.2	92.0	92.6	90.5	91.2	91.3	87.1	85.2	85.4	84.5	82.5	133.5
12.5	73.8	76.5	78.7	78.1	79.5	79.9	81.0	83.1	84.2	87.4	86.9	86.6	86.3	85.0	83.7	80.9	79.6	79.4	78.5	76.7	130.6
16.0	68.0	70.6	72.6	72.7	73.4	74.4	75.8	77.9	78.9	82.1	82.0	81.5	81.1	80.8	79.0	75.8	73.9	73.3	71.7	71.0	127.8
20.0	61.6	63.3	66.3	66.4	67.0	68.4	69.5	71.8	73.9	77.6	78.2	77.2	75.3	76.0	74.9	71.0	68.8	66.6	66.5	67.2	127.2
																			DAPHL =		144.8
TSPL	98.4	99.8	100.5	100.2	100.3	100.6	100.7	101.2	101.3	102.1	102.8	103.4	103.9	104.5	104.6	104.7	104.4	104.6	105.6	103.6	
OSPL	96.3	99.8	100.4	100.2	100.2	100.5	100.6	101.1	101.2	101.9	102.7	103.3	103.8	104.4	104.6	104.7	104.4	104.6	105.5	103.6	
PNLT	114.8	116.1	115.6	115.6	115.3	114.5	114.4	114.7	115.2	115.7	115.8	116.3	116.9	116.6	115.7	115.0	115.4	116.4	117.3	115.4	
PNL	112.8	114.3	114.5	114.4	114.3	114.5	114.4	114.7	114.7	115.2	115.0	116.3	116.9	116.6	115.7	115.0	115.4	116.4	117.3	115.4	

CONDITION = 7898 ALTITUDE = 150. FT SIDELINE

OSPL	82.2	89.9	93.5	96.0	98.0	99.3	100.5	101.1	101.9	102.5	103.0	103.2	103.5	103.3	102.3	100.4	98.2	95.6	87.1	
PNL	94.8	103.4	107.4	109.9	111.8	113.0	114.1	114.5	115.2	115.7	115.9	116.3	115.6	114.3	112.4	111.1	109.6	106.5	97.1	
PNLT	96.4	104.4	108.6	110.9	111.8	113.0	114.1	115.0	115.7	115.7	115.9	116.3	115.6	114.3	112.4	111.1	109.6	106.5	97.1	

CONDITION = 7898 ALTITUDE = 200. FT SIDELINE

OSPL	78.0	87.0	91.6	93.2	95.2	96.5	97.7	98.3	99.1	99.7	100.1	100.4	100.8	100.6	99.6	97.7	95.5	92.8	84.3	
PNL	90.6	100.0	104.3	106.9	108.9	110.1	111.2	111.7	112.4	112.8	113.1	113.4	112.8	111.5	109.6	108.2	106.6	103.4	93.5	
PNLT	92.3	101.0	105.4	107.9	108.9	110.1	111.2	112.2	112.9	112.8	113.1	113.4	112.8	111.5	109.6	108.2	106.6	103.4	93.5	

Point No. A-6

ENGINE MODEL = -01
ENGINE NUMBER = 704741

STAND = X-368
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7953
CORRECTED RPM = 7892

INLET TEMP = 67.00 F
TIME OF DAY = 1400
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	78.6	78.0	78.5	79.4	78.7	79.6	78.0	78.7	78.3	78.4	78.5	79.2	80.0	80.5	82.2	84.7	85.2	84.8	85.5	88.4	122.3
.063	80.5	80.9	80.8	81.4	80.4	80.7	80.2	80.6	80.2	81.3	80.2	81.1	82.4	84.1	84.7	87.2	87.9	86.8	85.6	88.0	124.4
.080	80.1	79.1	79.1	79.0	77.0	77.3	77.4	77.1	76.2	76.7	77.1	78.0	80.2	82.0	84.6	86.3	88.0	86.4	86.1	86.1	123.1
.100	78.7	79.1	78.8	77.8	77.3	77.0	77.0	76.4	76.2	76.8	77.1	78.3	80.4	81.8	83.3	86.4	87.5	86.1	85.9	86.4	122.8
.125	79.6	79.1	78.9	78.3	76.9	77.3	77.0	77.5	78.8	79.2	80.1	81.3	82.7	84.4	85.5	87.2	87.6	86.9	87.2	86.8	123.9
.160	78.1	77.9	77.5	77.9	76.6	77.3	77.5	79.0	79.7	80.3	82.3	83.7	85.4	87.1	89.3	91.1	90.5	87.7	86.3	85.9	126.3
.200	80.2	80.8	80.4	80.6	79.7	80.4	81.1	81.2	81.3	82.3	83.6	85.5	87.6	89.7	91.9	95.3	94.3	90.4	89.5	86.4	129.5
.250	82.6	83.3	83.1	82.6	81.4	82.1	82.4	82.9	84.0	84.1	84.5	85.6	87.9	90.5	92.4	95.4	94.3	91.4	90.5	86.7	130.0
.315	84.1	84.7	84.2	84.6	84.8	86.2	85.6	85.4	85.7	86.9	87.7	88.5	89.7	91.7	93.1	94.3	94.0	93.7	92.3	88.0	130.9
.400	85.6	85.1	87.0	86.6	86.3	88.1	87.9	88.2	87.9	88.9	89.4	89.8	91.0	93.0	94.9	95.1	93.0	93.3	95.6	89.8	132.1
.500	86.6	87.6	88.7	87.8	88.9	89.6	89.4	90.0	89.6	89.4	90.0	90.8	92.2	94.6	96.3	94.6	92.7	94.6	96.6	91.7	133.1
.630	87.1	87.9	88.7	88.4	89.1	89.3	88.9	90.1	89.4	90.1	90.4	91.3	92.4	94.1	95.6	94.5	93.0	95.1	97.6	92.7	133.2
.800	85.7	87.1	87.4	87.4	88.3	88.1	87.9	88.4	88.2	88.9	89.9	91.1	92.5	94.0	94.9	93.6	93.1	95.2	96.6	92.7	132.6
1.00	85.4	87.1	88.6	88.5	88.3	88.7	88.9	89.3	89.6	89.0	89.6	91.1	92.1	93.1	93.5	92.7	92.3	94.6	95.2	92.2	132.3
1.25	85.7	86.9	88.5	88.2	88.3	88.1	88.1	88.2	88.8	89.3	89.6	91.0	92.0	92.9	92.2	91.4	91.5	93.9	94.4	91.6	131.7
1.60	84.8	86.8	89.0	88.9	88.8	88.5	88.4	88.5	88.6	89.3	89.9	90.8	91.9	92.2	91.4	90.6	90.6	93.3	93.8	91.4	131.5
2.00	85.3	87.6	89.6	88.9	88.9	89.2	88.6	89.0	89.0	89.5	90.4	91.4	91.9	92.1	91.2	90.2	90.4	92.7	93.6	90.9	131.7
2.50	86.1	88.4	89.9	89.6	89.1	89.7	89.1	89.3	89.4	89.7	90.5	91.4	91.9	92.0	90.7	89.5	90.0	92.3	93.4	90.7	131.9
3.15	87.5	89.6	91.0	90.8	90.6	90.4	89.9	89.8	89.8	90.0	90.6	91.7	91.8	91.2	89.9	89.0	89.5	91.8	92.6	89.9	132.2
4.00	92.2	93.3	93.0	93.1	92.5	92.9	92.6	92.1	91.6	91.8	91.6	92.2	92.8	91.5	90.0	88.8	89.0	90.8	91.6	89.0	133.9
5.00	85.1	87.2	89.4	89.4	89.8	90.1	90.2	90.6	91.5	92.0	92.6	92.4	94.1	91.6	89.9	88.6	88.6	90.5	90.5	88.2	133.2
6.30	83.6	85.6	87.7	87.9	88.6	88.8	89.0	89.5	89.9	90.6	90.9	90.8	91.4	90.2	88.3	86.6	86.3	88.3	88.4	86.1	132.1
8.00	82.6	84.3	86.3	86.3	86.6	87.2	87.7	88.9	89.7	90.9	91.4	91.1	91.1	89.9	88.4	86.1	85.7	87.4	87.5	84.7	132.6
10.0	78.9	80.4	83.2	83.2	83.9	84.7	85.7	88.1	89.1	89.9	92.4	91.8	89.7	90.2	89.7	86.5	84.2	85.8	84.5	82.0	133.4
12.5	74.2	76.7	79.6	79.0	80.3	80.7	81.4	83.8	84.2	86.6	86.4	86.2	86.2	84.7	83.3	80.6	79.3	79.8	79.0	76.4	130.4
16.0	68.3	70.0	73.4	73.5	74.2	74.9	76.0	78.3	78.9	81.4	81.7	81.0	80.9	80.3	78.5	75.5	73.7	73.4	71.9	70.5	127.5
20.0	62.2	63.1	67.1	66.9	67.7	68.8	69.9	72.2	73.9	76.6	77.9	76.3	74.9	75.3	73.7	70.1	68.2	66.7	66.4	66.2	126.7
																			OAPWL =		145.3
TSPL	98.8	100.1	101.2	101.0	101.1	101.4	101.3	101.7	101.8	102.4	103.0	103.6	104.4	105.0	105.4	105.4	104.7	105.5	106.4	103.2	
OSPL	98.8	100.1	101.2	101.0	101.0	101.4	101.2	101.6	101.7	102.2	102.9	103.5	104.3	104.9	105.4	105.3	104.7	105.5	106.4	103.2	
PNLT	115.3	116.2	115.2	116.2	114.9	115.3	115.1	115.1	115.1	116.1	115.8	116.5	117.3	117.0	116.4	115.8	115.7	117.3	117.9	115.1	
PNL	113.3	114.6	115.2	115.2	114.9	115.3	115.1	115.1	115.1	115.5	115.8	116.5	117.3	117.0	116.4	115.8	115.7	117.3	117.9	115.1	

CONDITION = 7892 ALTITUDE = 150. FT SIDELINE

OSPL	82.4	90.6	94.3	96.8	98.8	95.8	101.0	101.6	102.2	102.7	103.2	103.7	104.0	104.1	102.9	100.7	99.1	96.5	86.6	
PNL	95.1	104.1	108.2	110.5	112.7	113.7	114.5	114.9	115.5	115.7	116.1	116.7	116.9	116.1	113.3	111.5	110.5	107.2	96.8	
PNLT	96.6	104.1	108.2	110.5	112.7	113.7	114.5	114.9	116.1	115.7	116.1	116.7	116.9	116.1	113.3	111.5	110.5	107.2	96.8		

CONDITION = 7892 ALTITUDE = 200. FT SIDELINE

OSPL	79.2	87.6	91.4	93.9	96.0	97.0	98.2	98.8	99.4	99.9	100.4	101.0	101.3	101.4	100.3	98.1	96.4	93.7	83.7	
PNL	91.6	100.7	105.0	107.5	109.7	110.8	111.7	112.1	112.6	112.8	113.3	113.8	113.2	112.2	110.5	108.6	107.5	104.1	93.2		
PNLT	92.5	100.7	105.0	107.5	109.7	110.8	111.7	112.1	113.2	112.8	113.3	113.8	113.2	112.2	110.5	108.6	107.5	104.1	93.2		

Point No. A-7

ENGINE MODEL = -D5
ENGINE NUMBER = 764741

STAND = X-36B
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7970
CORRECTED RPM = 7916

INLET TEMP = 66.00 F
TIME OF DAY = 1415
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	79.5	77.1	76.6	76.5	76.6	79.2	78.5	78.3	78.6	77.9	79.2	79.5	80.3	81.0	82.7	85.1	85.6	85.1	86.1	88.8	122.6
.063	80.9	81.2	81.0	81.5	80.8	80.7	79.7	80.9	81.6	81.3	81.3	81.6	83.1	84.3	85.2	87.5	88.0	87.2	86.0	87.6	124.7
.080	79.5	79.9	79.3	78.7	77.0	77.1	77.2	77.2	76.1	76.3	76.9	77.7	78.7	80.8	82.7	85.0	87.2	88.3	87.7	86.3	123.6
.100	78.4	79.2	78.8	77.4	77.5	76.8	77.1	76.5	76.4	76.6	78.2	78.8	81.2	82.6	84.1	87.4	88.8	87.3	86.0	85.9	123.6
.125	79.7	78.8	79.0	77.9	77.2	76.6	76.6	77.6	79.3	79.3	80.9	82.0	83.9	85.1	86.6	87.9	88.8	87.8	87.3	86.4	124.6
.160	78.3	78.5	77.7	77.7	77.1	77.4	78.1	79.4	80.1	80.7	83.2	84.5	86.3	88.1	90.2	91.7	90.7	88.0	86.4	85.2	126.8
.200	80.7	81.1	80.8	81.6	80.2	80.7	81.3	81.6	81.8	82.4	84.9	86.0	88.7	90.1	93.2	96.2	94.4	91.1	89.6	85.3	130.2
.250	83.1	83.6	83.6	83.1	82.3	82.4	82.6	83.5	84.5	84.6	85.6	86.4	88.8	91.3	94.2	96.9	95.6	92.0	91.0	85.9	131.2
.315	84.5	85.0	84.5	84.8	85.4	87.0	86.4	86.4	86.2	87.5	86.8	89.2	90.9	92.3	94.8	96.0	95.8	95.0	93.4	95.4	132.0
.400	86.6	86.0	87.7	87.4	87.2	88.9	88.5	88.4	88.6	89.2	90.7	90.7	92.7	94.5	96.0	97.3	95.1	94.8	94.7	96.6	133.0
.500	87.3	88.4	89.0	88.0	89.1	90.3	89.6	90.3	90.2	90.2	91.3	91.7	94.4	96.0	97.3	95.1	94.8	94.7	96.6	91.0	133.9
.630	87.4	88.4	88.6	88.2	89.2	89.9	89.1	89.8	89.7	90.5	91.4	91.9	94.1	95.4	96.6	94.7	94.8	95.4	97.5	92.2	133.8
.800	86.4	87.8	87.9	88.3	89.0	88.7	88.3	88.8	88.8	89.9	91.1	91.9	94.0	95.2	95.7	93.9	95.3	95.6	97.2	92.8	133.5
1.00	87.5	88.5	89.6	89.3	89.1	89.5	89.6	90.1	90.0	89.7	91.1	92.0	94.2	94.4	95.0	93.5	94.8	95.6	96.4	92.4	133.5
1.25	88.6	88.6	89.4	89.8	89.7	89.3	89.7	89.7	90.6	90.3	91.2	92.0	94.3	94.1	94.1	92.8	94.3	95.8	96.8	92.8	133.4
1.60	89.4	88.1	90.0	89.9	89.4	89.6	89.3	89.2	89.5	90.2	91.2	91.6	93.6	93.3	93.2	91.4	92.6	94.1	94.5	91.0	132.7
2.00	86.0	89.3	90.8	90.1	90.3	90.0	89.9	90.2	90.6	90.6	92.1	92.3	93.6	93.1	93.0	91.3	92.2	93.4	94.6	90.6	133.0
2.50	87.5	90.0	91.1	90.8	90.7	90.7	90.7	90.3	90.6	90.8	92.2	92.3	93.7	93.0	92.7	90.6	91.7	93.1	94.3	90.9	133.2
3.15	86.9	91.1	92.5	92.2	91.7	91.4	90.9	90.1	90.0	89.7	91.1	92.0	94.2	94.4	95.0	93.5	94.8	95.6	96.4	92.4	133.5
4.00	92.7	94.3	94.5	94.2	94.6	94.0	93.0	93.1	92.8	93.1	93.3	93.0	93.9	92.2	91.8	89.8	90.6	91.4	92.3	88.9	135.1
5.00	86.2	88.6	90.2	90.9	91.4	91.2	91.6	91.7	91.9	93.5	93.7	93.0	94.0	91.7	91.0	89.1	90.0	90.9	91.2	88.1	134.1
6.30	84.9	87.2	89.0	89.4	90.1	90.1	90.4	90.7	90.6	91.7	91.9	91.6	92.8	90.5	89.7	87.4	87.9	88.8	89.4	86.2	133.2
8.00	84.2	85.7	87.3	87.5	88.3	88.5	89.0	89.7	89.8	91.6	91.8	91.1	91.8	90.1	89.4	86.6	86.8	87.6	88.0	84.7	133.3
10.0	79.6	81.7	84.2	84.6	85.4	86.1	86.5	88.2	88.3	90.6	92.4	91.6	90.5	90.4	89.9	86.4	85.8	85.4	85.0	82.1	133.6
12.5	75.2	78.2	80.7	81.4	81.8	82.1	82.7	84.9	84.2	87.0	86.7	86.1	86.7	85.1	84.1	81.2	80.5	80.0	79.4	76.5	131.0
16.0	69.4	71.6	74.5	74.9	75.7	76.5	77.3	79.6	79.2	81.4	81.9	81.1	81.5	80.7	79.4	75.8	74.9	73.7	72.3	70.5	128.2
20.0	63.1	64.9	68.3	68.7	69.3	70.6	71.3	73.1	74.1	77.9	77.3	76.1	75.4	75.6	74.6	70.4	69.5	66.9	66.7	66.6	127.3
																				OAPWL =	146.2
TSPL	100.0	101.2	102.3	102.0	102.3	102.4	102.3	102.5	102.5	103.3	104.2	104.7	105.8	106.0	106.7	106.2	106.3	106.1	107.0	103.1	
OSPL	100.4	101.2	102.2	102.1	101.3	102.3	102.2	102.4	102.4	103.1	104.1	104.1	105.7	105.9	106.7	106.2	106.3	106.1	107.0	103.1	
PNLT	116.7	117.2	116.4	116.2	116.5	116.3	116.2	116.5	116.5	117.2	117.2	117.1	118.5	117.8	118.0	116.8	117.4	117.9	118.8	115.1	
PNL	114.6	115.7	116.4	116.2	116.5	116.3	116.2	116.0	115.9	116.5	117.2	117.1	118.5	117.8	118.0	116.8	117.4	117.9	118.8	115.1	

CONDITION = 7916 ALTITUDE = 150. FT SIDELINE

LSPL		83.4	91.6	95.2	96.0	99.8	100.8	101.8	102.2	103.1	102.9	102.8	105.2	105.0	105.4	103.8	102.3	99.7	97.0	86.5	
PNL		96.1	105.2	109.2	112.1	113.7	114.6	115.4	115.8	116.5	117.1	116.8	117.9	116.9	116.6	114.3	113.1	111.1	108.0	96.8	
PNLT		97.5	105.2	109.2	112.1	113.7	114.8	115.9	116.3	117.2	117.1	116.8	117.9	116.9	116.6	114.3	113.1	111.1	108.0	96.8	

CONDITION = 7916 ALTITUDE = 200. FT SIDELINE

OSPL		89.7	95.6	97.3	98.1	98.9	98.0	99.0	99.4	100.3	101.1	101.6	102.4	102.3	102.7	101.2	99.6	97.0	94.3	83.6	
PNL		92.1	101.6	105.1	109.1	110.7	111.9	112.6	112.9	113.7	114.2	114.0	115.0	114.1	113.8	111.5	110.3	108.1	104.9	93.2	
PNLT		93.4	101.9	105.1	109.1	110.7	111.9	113.1	113.6	114.3	114.2	114.0	115.0	114.1	113.8	111.5	110.3	108.1	104.9	93.2	

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. A-8

ENGINE MODEL = -00
ENGINE NUMBER = 754741

STAND = X-306
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7971
CORRECTED RPM = 7910

INLET TEMP = 67.00 F
TIME OF DAY = 1445
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	86.0	77.3	80.1	78.7	79.4	79.4	78.7	78.3	78.9	77.8	78.8	79.9	80.2	81.4	83.1	85.0	85.8	85.9	85.8	89.0	122.8
.063	81.0	81.3	82.4	81.6	81.9	81.9	81.3	81.7	81.6	81.8	81.9	82.2	83.7	84.9	85.9	87.8	88.6	87.8	86.3	88.1	125.3
.080	84.0	79.3	79.4	78.3	77.3	76.9	77.2	77.5	76.5	76.4	77.2	79.3	80.2	83.5	85.1	87.6	88.2	87.9	86.4	86.5	123.8
.100	78.7	78.8	78.9	77.6	77.7	77.3	77.2	76.8	76.3	76.7	77.6	79.5	81.1	82.9	84.5	87.9	88.9	87.6	86.0	85.9	123.8
.125	79.9	78.6	79.2	77.9	77.3	76.6	76.8	77.6	79.2	79.4	80.7	82.6	85.9	85.8	86.5	88.8	88.8	88.1	87.3	86.0	124.9
.160	76.5	76.2	76.2	77.8	77.4	77.4	77.6	79.1	80.2	80.5	82.0	84.7	86.1	88.4	90.2	91.9	90.6	87.6	86.7	84.8	126.9
.200	80.8	80.8	81.0	81.0	80.4	80.7	81.5	81.6	82.0	82.6	84.4	86.4	88.3	90.7	93.1	96.8	94.7	91.0	89.8	84.7	130.5
.250	83.1	83.3	83.4	82.6	82.3	82.3	82.8	83.3	84.9	84.3	85.3	86.6	88.8	91.7	93.6	97.6	95.9	92.1	90.8	85.4	131.4
.315	84.4	84.8	84.6	84.7	85.5	86.8	86.3	86.1	86.4	87.3	88.7	88.9	90.8	92.6	94.7	97.0	95.9	94.6	91.9	86.6	132.3
.400	86.9	85.4	87.7	87.5	87.2	88.6	88.7	86.8	88.9	89.3	90.4	91.1	92.4	94.5	96.1	96.6	95.3	94.2	95.1	88.2	133.2
.500	87.3	88.0	89.2	88.2	89.3	90.1	89.7	90.2	90.7	90.2	91.4	92.2	93.7	96.3	97.7	96.1	95.1	94.7	96.4	89.9	134.1
.630	87.6	88.6	88.4	88.7	90.2	89.6	89.1	90.1	89.8	90.6	91.2	92.6	93.6	96.1	96.9	95.4	95.0	96.0	97.5	91.3	134.1
.800	87.0	87.5	88.2	88.3	88.9	88.8	88.3	88.7	89.1	90.0	90.7	92.3	93.6	95.3	96.1	94.7	95.9	95.7	97.3	91.8	133.7
1.00	87.6	88.2	89.7	89.8	89.4	89.4	89.8	90.2	90.4	89.8	91.1	92.5	93.9	94.9	95.4	94.2	95.0	95.8	96.3	91.4	133.7
1.25	89.3	89.3	90.6	91.0	90.2	89.9	90.1	90.5	91.8	90.4	91.4	92.9	94.5	96.9	94.5	94.0	95.3	96.8	97.3	92.9	134.2
1.60	88.7	88.2	90.5	90.7	90.0	89.8	89.9	89.6	90.0	90.3	91.3	92.6	93.6	93.8	93.5	92.6	93.0	94.5	94.7	89.9	133.0
2.00	87.1	89.5	91.3	90.5	90.5	90.3	90.6	90.4	90.4	90.7	92.1	93.1	93.7	93.6	93.1	92.2	92.5	93.5	94.4	89.3	133.2
2.50	87.8	90.2	91.7	91.7	91.6	91.1	91.3	90.7	91.1	91.0	92.2	93.3	93.8	93.8	92.9	91.6	92.2	93.3	94.3	89.6	133.6
3.15	89.0	91.7	93.1	92.4	92.6	92.3	92.1	91.2	91.4	91.2	92.3	93.3	93.5	93.1	92.3	91.2	91.8	92.7	93.7	89.0	134.0
4.00	93.8	95.2	95.3	95.2	95.6	95.0	94.5	93.7	93.5	93.1	93.3	94.0	94.1	93.0	92.0	91.1	91.2	91.9	92.6	88.0	135.7
5.00	86.4	89.2	91.4	91.6	91.7	91.8	92.1	91.8	92.6	93.2	93.5	94.0	94.5	92.8	91.4	90.3	90.6	91.1	91.2	87.2	134.5
6.30	85.0	87.9	89.7	90.2	90.5	90.8	91.3	91.1	91.4	91.4	91.9	91.9	92.7	91.2	90.1	88.3	88.2	89.0	89.5	85.3	133.6
8.00	84.6	86.5	88.2	88.7	88.7	89.4	89.7	90.2	90.7	91.7	91.7	91.5	91.9	90.5	89.1	87.2	87.2	87.8	88.6	83.8	133.6
10.0	80.6	82.5	84.9	85.5	86.9	86.7	87.4	88.5	89.8	90.5	90.7	90.8	90.4	89.1	88.3	86.0	85.8	85.8	85.4	81.0	133.3
12.5	75.8	79.0	81.2	81.3	82.3	82.8	83.3	84.6	85.2	86.7	87.4	86.6	86.8	85.1	84.2	81.7	80.8	79.9	80.0	75.6	131.3
16.0	70.1	72.7	75.2	75.9	76.3	77.2	77.9	79.5	80.3	81.6	83.0	81.8	81.6	80.7	79.2	76.5	75.3	73.8	72.9	69.9	128.6
20.0	63.8	65.4	66.6	69.8	69.9	71.4	72.0	73.5	75.4	77.5	78.1	76.9	76.0	76.0	74.6	71.3	69.9	67.4	67.4	66.6	127.7
																				OAPHL =	146.6
TSPL	100.2	101.6	102.6	102.7	102.7	102.8	102.8	102.7	103.1	103.3	104.1	104.9	105.8	106.4	106.9	107.0	106.7	106.5	107.0	102.4	
OSPL	100.2	101.6	102.7	102.6	102.6	102.7	102.7	102.6	103.0	103.1	103.9	104.8	105.7	106.4	106.9	107.0	106.7	106.5	107.0	102.4	
PNLT	116.7	117.8	118.1	117.4	118.0	117.4	117.2	117.0	117.2	117.3	117.8	118.0	119.1	118.4	118.2	117.7	117.8	118.2	118.8	114.2	
PNL	114.7	116.2	117.0	116.9	117.0	116.9	116.8	116.4	116.6	116.5	117.1	118.0	118.8	118.4	118.2	117.7	117.8	118.2	118.8	114.2	

CONDITION = 7910 ALTITUDE = 150. FT SIDELINE

OSPL		83.6	92.1	95.0	98.3	100.1	101.3	102.1	102.8	103.1	103.8	104.5	105.1	105.5	105.6	104.6	102.7	100.1	97.0	85.8	
PNL		94.7	105.9	109.4	112.6	114.3	115.3	115.8	116.4	116.5	117.0	117.6	117.9	117.5	116.8	115.1	113.6	111.4	108.0	95.8	
PNLT		96.1	108.0	110.4	113.6	114.8	115.9	116.4	117.1	117.3	117.6	117.8	118.5	117.5	116.8	115.1	113.6	111.4	108.0	95.8	

CONDITION = 7910 ALTITUDE = 200. FT SIDELINE

OSPL		80.3	89.0	91.9	95.5	97.3	98.5	99.2	100.0	100.3	101.0	101.7	102.4	102.8	102.9	102.0	100.0	97.4	94.3	82.9	
PNL		92.5	102.6	106.8	109.6	111.2	112.5	113.0	113.6	113.7	114.1	114.8	115.1	114.7	114.0	112.3	110.7	108.4	104.9	92.2	
PNLT		94.1	102.5	107.3	110.6	111.9	113.0	113.6	114.2	114.5	114.8	114.8	115.7	114.7	114.0	112.3	110.7	108.4	104.9	92.2	

Point No. A-9

ENGINE MODEL = -06
ENGINE NUMBER = 704741

STAND = X-306
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7972
CORRECTED RPM = 7918

INLET TEMP = 66.00 F
TIME OF DAY = 1500
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	79.1	77.6	79.2	79.6	79.3	79.1	78.7	78.4	78.2	78.5	78.2	79.1	79.7	81.1	82.0	85.0	85.7	84.9	85.4	89.5	122.5
.063	81.4	81.7	81.8	82.0	81.4	81.6	81.0	81.4	81.0	81.9	81.1	81.7	82.6	84.7	84.6	87.8	87.9	87.4	85.8	87.9	124.9
.080	80.1	79.3	79.6	78.9	77.3	76.7	77.9	77.2	76.1	76.7	77.0	78.6	79.6	83.0	84.1	87.0	87.6	87.5	86.2	86.8	123.3
.100	78.7	78.9	79.2	77.6	77.9	77.0	77.6	77.1	76.1	76.6	77.4	78.9	80.5	82.4	83.3	87.1	87.9	86.8	86.5	87.6	123.3
.125	80.2	78.9	79.6	78.1	77.4	76.6	77.2	78.0	78.6	79.4	80.8	82.7	83.7	85.7	86.5	88.2	88.8	87.9	87.7	86.9	124.8
.160	78.4	78.3	78.2	78.1	77.2	77.2	78.4	79.5	80.0	81.0	82.9	84.7	86.0	88.1	90.2	91.9	91.8	88.0	86.7	86.1	127.1
.200	80.8	80.9	81.3	81.1	80.6	80.5	81.4	81.8	81.8	83.0	84.3	86.5	88.1	90.7	92.6	96.3	95.2	90.9	89.8	85.6	130.3
.250	83.2	83.7	83.7	83.1	82.3	82.3	82.9	83.4	84.5	84.9	85.1	86.8	88.7	91.6	93.3	96.9	95.7	92.2	90.3	85.6	131.1
.315	84.5	84.9	84.5	85.1	85.5	86.7	86.4	86.1	86.2	87.8	88.7	89.7	90.8	92.9	94.5	96.1	95.1	94.3	91.9	87.0	132.0
.400	86.7	85.9	87.8	87.7	87.2	88.9	88.8	88.9	88.9	89.7	90.5	91.1	92.4	94.8	96.7	96.4	94.4	94.1	94.5	89.1	133.2
.500	87.2	87.9	89.4	88.0	89.0	89.9	89.9	90.4	90.9	90.6	91.5	92.3	93.6	96.3	97.7	95.9	94.0	95.3	96.2	90.9	134.1
.630	87.4	88.7	89.1	89.8	89.1	89.9	89.4	90.1	89.8	91.0	91.4	92.6	93.6	95.8	97.0	95.6	94.0	96.1	97.0	92.6	134.0
.800	86.9	87.9	88.4	88.7	89.0	89.0	88.5	88.8	89.3	90.3	91.1	92.3	94.1	95.7	96.2	94.8	94.8	96.1	96.9	92.7	133.7
1.00	88.1	88.7	90.2	90.1	89.4	89.8	90.1	90.5	90.4	90.2	91.2	92.8	93.9	95.1	95.3	94.5	94.1	95.9	95.8	92.1	133.7
1.25	91.8	89.7	91.9	92.1	90.4	90.8	90.5	92.0	91.7	91.7	91.9	93.6	94.0	95.4	94.6	94.2	95.0	97.5	97.4	94.0	134.6
1.60	86.2	88.7	91.0	90.7	90.5	89.9	90.1	89.7	90.0	90.9	91.8	92.8	93.8	94.2	93.8	92.7	92.6	94.8	94.6	91.0	133.2
2.00	87.0	89.7	91.9	91.0	90.9	90.7	90.8	93.6	90.9	91.2	92.3	93.4	93.9	93.9	93.3	92.4	92.3	94.0	94.2	90.6	133.5
2.50	87.3	90.4	92.4	91.8	91.4	91.5	91.5	90.9	91.3	91.7	92.5	93.7	94.0	93.9	93.0	91.8	92.1	93.8	94.2	90.6	133.8
3.15	88.7	91.8	93.8	93.4	93.0	92.7	92.1	91.7	91.5	91.9	92.3	93.6	93.7	93.3	92.4	91.3	91.6	93.3	93.7	90.2	134.3
4.00	92.7	95.0	95.3	95.3	95.0	95.2	94.4	94.1	93.4	94.0	93.8	94.4	94.3	93.2	92.0	91.1	91.1	92.5	92.5	89.1	135.9
5.00	86.3	89.4	92.1	92.2	92.4	92.2	92.7	92.0	93.1	93.6	93.4	94.8	95.0	92.8	91.6	90.3	90.4	91.8	91.2	88.2	134.9
6.30	85.1	88.0	90.4	90.9	91.0	91.4	91.6	91.6	91.7	92.2	92.1	92.5	92.9	91.2	90.0	86.5	88.3	89.8	89.6	86.5	134.0
8.00	84.6	87.1	88.6	89.3	89.3	89.9	90.4	90.7	90.9	92.3	91.9	92.1	91.9	90.2	89.1	87.2	87.3	88.4	88.6	84.9	134.0
10.0	80.4	82.8	85.9	86.3	86.7	87.4	88.1	88.6	89.2	91.2	90.6	91.3	90.6	89.6	89.5	86.2	86.3	86.5	85.8	82.3	133.8
12.5	76.0	79.5	82.4	82.3	83.1	83.6	84.3	85.4	85.9	87.8	88.2	87.7	87.3	85.3	84.4	81.8	81.2	81.4	80.4	77.0	132.1
16.0	70.5	73.3	76.6	77.1	77.2	78.2	79.4	80.3	81.2	83.0	84.0	83.2	82.6	81.2	79.8	76.9	75.6	75.4	73.8	70.7	129.7
20.0	64.6	66.8	70.3	71.3	71.2	72.6	73.7	4.7	77.4	79.6	79.3	78.5	76.9	76.7	75.6	72.0	70.6	69.1	68.5	67.0	129.2
																				OAPWL =	146.8
TSPL	100.3	101.8	103.3	103.1	102.9	103.1	103.0	103.1	103.2	103.9	104.2	105.3	105.9	106.6	107.0	106.9	106.2	106.8	106.8	103.3	
OSPL	100.2	101.7	103.2	103.1	102.8	103.0	103.0	103.0	103.1	103.7	104.0	105.1	105.8	106.5	106.9	106.8	106.2	106.8	106.8	103.3	
PNLT	116.1	117.7	117.3	117.7	117.5	117.8	116.9	117.4	117.2	118.0	117.8	118.3	118.7	118.6	118.3	117.7	117.5	118.6	118.7	115.3	
PNL	114.5	116.3	117.3	117.2	117.0	117.2	116.9	116.8	116.6	117.2	117.2	118.3	118.7	118.6	118.3	117.7	117.5	118.6	118.7	115.3	

CONDITION = 7918 ALTITUDE = 150. FT SIDELINE

OSPL		83.8	92.5	96.2	98.5	100.5	101.6	102.4	103.0	103.7	103.9	104.8	105.2	105.6	105.6	104.4	102.2	100.4	96.8	86..	
PNL		96.7	106.2	110.2	112.6	114.6	115.5	116.2	116.4	117.2	117.0	118.0	118.1	117.6	116.9	115.1	113.3	111.0	107.9	96.8	
PNLT		98.0	106.2	110.7	113.1	115.2	115.5	116.8	117.1	118.0	117.6	118.0	118.1	117.6	116.9	115.1	113.3	111.8	107.9	96.8	

CONDITION = 7918 ALTITUDE = 200. FT SIDELINE

OSPL		80.5	89.5	93.3	95.6	97.6	98.7	99.6	100.2	100.9	101.1	102.0	102.4	102.9	103.0	101.8	99.5	97.7	94.0	83.8	
PNL		92.6	102.8	107.1	109.6	111.6	112.6	113.3	113.6	114.4	114.2	115.1	115.2	114.8	114.1	112.3	110.4	108.9	104.8	93.2	
PNLT		93.9	102.8	107.6	110.1	112.2	112.6	113.9	114.2	115.1	114.8	115.1	115.2	114.8	114.1	112.3	110.4	108.9	104.8	93.2	

Point No. A-10

ENGINE MODEL = -00
ENGINE NUMBER = 764741

STAND = X-308
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 4212
CORRECTED RPM = 4193

INLET TEMP = 66.00 F
TIME OF DAY = 1515
BARH. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER (KHZ)	FREQ 0	10	20	30	40	50	MICROPHONE ANGLES IN DEGREES 60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.0	72.2	71.6	71.8	72.1	71.6	71.1	70.8	71.1	70.9	69.3	69.8	69.5	70.6	70.2	71.6	71.8	73.3	74.4	74.3	112.4
.063	79.4	79.4	79.4	79.5	79.1	79.2	78.8	79.1	78.7	79.6	79.0	78.7	78.8	79.7	78.5	80.0	79.0	80.2	79.7	78.9	120.2
.080	72.3	72.2	71.8	71.3	69.9	69.9	69.5	69.4	68.9	68.2	67.4	67.1	67.0	67.5	67.8	70.2	71.0	72.6	73.6	72.3	110.8
.100	70.4	71.2	70.2	68.5	69.3	67.8	69.4	67.4	69.0	67.2	67.9	66.4	67.6	67.2	68.6	70.6	74.0	74.1	75.0	72.1	110.9
.125	73.3	71.1	74.9	71.8	69.1	67.6	69.5	69.7	70.1	70.4	72.3	72.9	70.9	71.3	73.6	75.4	79.0	79.5	80.1	75.3	114.9
.160	69.2	70.4	68.3	67.9	67.3	66.2	67.3	67.8	68.4	68.1	69.1	69.7	69.8	70.2	71.1	73.3	74.3	74.6	76.5	70.5	111.6
.200	69.5	70.1	69.8	69.7	68.9	68.7	70.0	69.8	69.4	69.3	70.2	70.3	71.6	71.8	72.4	75.6	77.0	78.2	81.4	72.1	114.2
.250	71.8	72.2	73.7	72.5	70.8	70.5	70.8	72.0	72.6	72.8	72.9	73.2	71.5	72.0	75.1	75.5	76.6	78.0	80.2	74.4	115.0
.315	72.2	72.7	72.3	72.0	72.8	73.4	72.8	72.9	72.0	73.2	72.8	73.3	73.4	73.3	74.4	75.4	76.9	79.0	81.9	77.5	115.8
.400	75.5	73.9	75.4	74.9	74.7	76.0	74.9	76.7	75.0	75.8	75.7	76.1	76.0	75.3	76.0	77.7	78.6	80.3	84.8	78.3	118.2
.500	75.4	74.8	76.6	75.0	76.4	75.9	75.5	76.5	77.2	75.6	76.0	75.8	74.5	74.7	75.5	76.9	78.2	81.0	85.9	79.9	118.6
.630	74.9	75.0	76.5	74.6	75.3	76.2	75.3	75.8	76.1	75.3	74.6	74.7	74.6	74.6	75.9	77.3	77.5	81.8	84.8	79.1	118.1
.800	74.3	76.0	75.5	76.1	75.3	74.9	74.2	73.9	73.0	72.7	73.3	73.6	74.3	75.3	76.0	76.7	77.4	80.9	83.1	77.1	117.2
1.00	73.2	75.0	75.4	75.7	75.8	75.9	74.9	74.3	73.0	72.4	73.6	73.8	74.5	74.9	75.5	75.8	76.0	79.6	81.2	75.8	116.7
1.25	75.3	76.4	76.8	76.1	76.3	75.6	74.4	73.7	73.1	72.9	73.5	74.3	74.7	75.6	75.9	75.1	74.5	78.8	80.7	75.1	116.7
1.60	76.2	77.5	77.3	77.2	76.6	76.0	74.7	73.9	72.9	72.9	73.5	74.0	74.6	75.6	75.9	74.3	74.0	78.6	81.4	75.4	116.9
2.00	83.7	84.2	84.9	82.1	82.6	81.3	79.7	78.4	75.9	75.3	75.1	75.3	75.8	76.4	77.3	75.4	74.7	78.2	81.5	75.1	120.5
2.50	78.7	79.0	78.1	76.5	77.4	76.7	75.5	74.7	73.7	73.3	74.7	75.1	75.7	76.1	76.2	72.9	74.0	77.5	80.1	74.5	117.5
3.15	78.7	79.5	79.4	79.9	79.1	78.2	77.0	75.8	74.6	73.6	74.5	75.1	75.2	75.8	75.9	74.8	76.4	81.2	82.1	75.9	119.0
4.00	80.7	81.5	81.3	81.7	81.6	80.1	79.1	77.5	75.7	75.1	76.2	77.0	77.6	77.8	78.5	76.4	77.6	82.1	82.5	77.7	121.0
5.00	79.3	81.2	81.2	80.3	80.4	79.5	78.3	77.9	78.8	78.0	83.8	83.6	81.7	83.0	84.4	79.5	80.2	84.9	84.6	77.1	123.6
6.30	77.7	78.9	78.9	79.7	80.3	79.9	78.5	77.5	74.8	74.6	76.4	77.7	77.4	77.2	78.0	75.2	73.3	75.2	75.6	71.6	120.3
8.00	76.8	77.4	77.1	77.4	78.1	77.5	76.7	75.7	73.5	74.9	77.2	78.6	76.6	75.8	76.9	74.1	72.0	68.9	69.8	70.0	118.4
10.0	74.4	74.7	75.2	75.1	75.6	74.7	73.6	72.5	70.5	71.7	73.3	74.9	74.3	74.4	74.6	72.0	68.9	69.8	70.0	66.4	116.2
12.5	70.1	71.5	71.4	70.9	71.7	70.6	69.6	68.8	66.5	67.8	69.1	70.8	70.9	70.0	69.7	67.5	64.2	64.7	64.4	60.4	116.2
16.0	64.6	65.8	65.3	65.3	64.7	64.1	63.7	62.5	60.8	61.9	63.9	65.2	64.2	63.6	63.4	61.4	58.1	57.6	56.5	53.5	112.4
20.0	58.9	58.6	59.9	59.5	58.2	58.1	57.8	56.8	56.7	58.1	59.3	60.5	58.3	58.6	59.8	57.6	55.8	52.5	54.4	53.7	111.6
																			OAPWL =		132.1
TSPL	90.7	91.3	91.5	90.9	90.9	90.3	89.3	88.9	88.0	87.9	89.4	89.7	89.2	89.7	90.4	89.6	90.2	93.1	95.1	89.7	
OSPL	90.6	91.2	91.5	90.9	90.5	90.2	89.3	88.8	87.9	87.9	89.3	89.6	89.1	89.6	90.4	89.6	90.1	93.1	95.1	89.7	
PNLT	105.9	106.1	107.2	105.9	106.2	105.1	104.0	103.0	102.4	102.2	106.1	105.9	104.7	105.5	106.7	103.7	104.2	108.5	109.3	102.7	
PNL	103.9	104.5	104.8	104.5	104.4	103.4	102.5	101.5	101.0	100.6	103.6	103.8	102.9	103.7	104.7	102.2	102.7	106.4	107.4	101.7	

CONDITION = 4183 ALTITUDE = 150. FT SIDELINE

OSPL		73.4	80.9	84.1	86.6	87.7	87.9	88.2	87.8	87.9	89.2	89.3	88.5	88.7	89.0	87.1	86.1	86.6	85.1	73.2	
PNL		85.9	94.0	97.4	99.9	100.8	101.1	100.9	100.8	100.4	103.5	103.5	102.3	102.7	103.3	99.5	98.2	99.3	96.3	82.5	
PNLT		88.0	96.5	98.8	101.8	102.4	102.6	102.4	102.3	102.2	106.0	105.6	104.1	104.5	105.3	101.0	99.9	101.5	98.2	83.4	

CONDITION = 4183 ALTITUDE = 200. FT SIDELINE

OSPL		70.6	77.9	81.1	83.7	84.8	85.1	85.5	85.1	85.2	86.4	86.5	85.7	85.9	86.2	84.4	83.4	83.8	82.3	70.4	
PNL		82.9	91.9	94.3	96.9	97.8	98.2	98.1	97.9	97.7	100.6	100.6	99.4	99.8	100.3	96.6	95.2	96.2	92.9	78.7	
PNLT		84.4	93.3	95.7	98.8	99.5	99.7	99.6	99.4	99.4	103.1	102.7	101.1	101.6	102.4	98.1	96.9	98.3	95.0	79.6	

Point No. A-11

ENGINE MODEL = -6C
ENGINE NUMBER = 7F4741

STAND = X-306
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5250
CORRECTED RPM = 5214

INLET TEMP = 66.00 F
TIME OF DAY = 1532
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER (KHZ)	FREQ 0	10	20	30	40	50	MICROPHONE ANGLES IN DEGREES 60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 10-12W
.050	74.1	72.4	72.6	72.1	73.1	73.2	72.5	72.4	72.9	72.8	72.6	72.7	73.2	73.6	74.0	74.8	75.7	76.7	78.2	79.4	114.9
.063	84.1	84.0	84.4	84.4	84.1	79.7	79.7	79.6	79.4	80.2	79.8	79.1	79.7	80.3	79.8	81.1	80.8	81.3	80.9	80.8	121.1
.080	74.7	74.4	74.1	73.4	72.5	71.9	72.6	72.2	71.8	71.7	70.9	70.7	70.9	71.1	71.7	74.7	77.0	77.0	77.9	77.9	113.9
.100	72.6	72.3	73.1	73.5	71.6	70.5	71.7	70.5	70.8	70.5	70.5	69.8	70.9	71.1	71.7	74.7	77.0	77.0	77.9	77.9	113.9
.125	75.2	73.6	76.0	75.2	71.2	69.9	70.6	71.7	72.5	72.7	72.7	73.6	73.3	74.0	75.5	77.4	80.1	80.4	81.1	79.4	116.4
.160	73.4	72.7	73.5	73.6	72.1	69.9	73.9	71.3	72.4	72.4	73.1	74.0	74.4	75.3	76.5	79.2	79.8	79.1	80.3	77.5	116.3
.200	73.4	73.3	73.6	73.2	72.3	72.1	73.3	73.0	73.6	73.4	74.0	74.7	76.1	76.8	77.8	82.1	83.3	82.7	84.5	79.7	118.9
.250	76.1	76.4	76.9	75.8	74.8	74.6	74.6	75.3	76.4	75.9	75.8	76.1	75.9	77.2	79.0	81.8	82.8	82.5	83.7	80.8	119.4
.315	78.4	78.7	78.2	78.5	78.8	77.8	77.4	76.9	76.2	77.2	77.6	78.0	77.7	78.4	79.6	81.6	82.6	82.2	85.7	83.4	120.3
.400	78.6	77.4	78.6	79.1	77.8	79.5	79.1	79.8	79.3	79.7	79.6	79.9	79.7	79.8	80.9	82.4	82.8	83.3	86.3	85.2	122.1
.500	79.7	81.2	80.7	79.2	79.7	80.2	80.9	81.2	82.0	80.8	80.3	80.6	80.8	81.3	82.0	82.9	82.9	85.3	89.9	87.8	123.4
.630	80.2	79.3	80.6	80.6	80.2	80.1	81.1	80.5	81.0	80.4	79.7	80.1	80.1	80.8	82.3	83.2	83.5	85.9	89.9	87.4	123.3
.800	78.4	79.0	79.4	79.9	80.0	79.5	79.4	79.1	78.4	78.4	78.4	78.4	80.1	81.6	82.2	82.6	83.3	85.3	87.5	85.6	122.4
1.00	77.4	78.5	79.4	81.2	79.6	79.6	79.6	79.0	78.5	77.8	78.3	78.1	79.9	80.7	81.4	81.1	81.8	84.8	86.2	84.4	121.8
1.25	78.8	79.2	80.6	80.0	80.2	79.7	79.4	78.7	78.5	78.5	78.7	79.4	80.4	81.6	81.4	79.7	80.7	84.5	85.9	83.8	121.7
1.60	78.8	79.2	80.5	80.2	79.9	79.1	78.9	78.2	78.1	78.3	78.4	79.3	80.2	80.8	81.0	78.9	79.7	84.0	85.8	83.6	121.5
2.00	80.3	81.6	82.6	82.5	81.3	79.4	79.7	79.9	78.9	78.6	79.4	80.0	80.5	81.4	81.3	79.5	80.4	84.1	85.9	83.4	122.0
2.50	85.2	84.5	84.4	85.6	84.3	84.3	84.8	82.0	82.1	80.6	80.8	80.4	81.1	81.4	81.0	78.5	79.3	82.3	84.0	81.7	124.4
3.15	81.7	82.6	82.3	83.3	83.1	81.9	81.6	80.8	79.4	79.3	80.6	81.0	81.2	81.9	81.2	78.6	78.0	81.7	83.4	81.8	123.0
4.00	83.1	83.5	83.5	84.0	83.2	82.3	82.3	81.6	80.3	79.9	81.6	82.6	82.3	83.1	82.3	80.1	82.0	86.4	86.4	83.8	124.6
5.00	83.3	83.3	84.9	85.0	85.0	84.4	84.2	83.3	81.6	81.1	82.8	84.0	83.4	84.2	82.5	79.9	80.9	84.0	83.7	80.7	125.6
6.30	82.4	83.7	84.2	82.4	84.7	85.5	82.0	83.0	82.6	83.2	84.7	84.9	85.8	86.3	85.2	83.5	83.4	85.0	84.6	80.3	127.7
8.00	84.7	81.1	81.4	81.7	82.6	81.6	81.1	80.9	79.8	80.1	82.1	82.3	81.8	81.9	80.5	78.6	76.0	76.9	77.5	75.7	124.6
10.0	78.6	78.7	79.6	79.6	80.6	79.7	78.5	78.9	78.2	79.5	82.8	82.6	82.1	81.9	79.9	81.1	75.5	75.0	75.1	73.4	125.4
12.5	75.1	76.4	77.5	75.8	76.7	75.3	74.5	74.5	73.5	74.2	75.8	76.5	76.5	75.5	74.3	72.5	70.0	70.5	69.8	67.4	121.7
16.0	69.6	69.6	70.9	70.8	71.0	70.0	69.5	68.8	68.2	68.9	71.0	71.9	70.5	69.8	68.9	67.0	63.7	63.2	62.0	60.8	118.6
20.0	63.4	63.1	64.6	64.3	63.9	63.9	63.4	62.0	62.8	64.1	66.6	67.0	64.0	64.7	64.4	62.2	59.2	56.7	58.0	56.6	117.2
																			DAPHL =		136.6
TSPL	93.7	93.9	94.7	94.4	94.5	93.8	93.7	93.2	92.7	92.6	93.8	95.2	94.7	94.7	94.5	94.4	94.9	96.8	98.8	96.6	
OSPL	93.6	92.8	94.6	94.3	94.4	93.7	93.7	93.1	92.6	92.5	93.7	95.1	94.6	94.6	94.4	94.4	94.9	96.8	98.8	96.6	
PNLT	108.6	108.8	109.7	109.1	108.1	108.2	108.5	107.4	106.6	106.7	108.6	110.2	109.9	109.1	108.5	107.5	107.7	111.0	111.5	108.4	
PNL	107.2	107.5	108.3	107.8	107.8	108.9	107.1	106.2	105.4	105.4	107.3	109.5	108.6	107.9	107.4	106.4	106.9	109.8	110.8	108.4	

CONDITION = 5214 ALTITUDE = 150. FT SIDELINE

OSPL	79.7	83.8	87.5	90.0	91.1	92.2	92.5	92.5	92.5	93.6	94.7	94.0	93.6	93.0	91.9	90.8	90.3	88.8	80.1	
PNL	89.7	97.4	101.6	103.5	104.3	105.7	105.8	105.3	105.4	107.2	108.6	108.0	106.9	105.9	103.7	102.5	102.9	99.8	89.3	
PNLT	91.2	98.9	102.2	104.8	106.5	107.1	106.8	106.4	106.7	108.5	109.9	109.2	108.2	107.0	104.8	103.4	104.0	99.8	89.3	

CONDITION = 5214 ALTITUDE = 200. FT SIDELINE

OSPL	72.5	80.7	84.5	87.1	88.2	89.5	89.7	89.7	89.7	90.7	91.8	91.1	90.8	90.3	89.1	86.1	87.5	86.0	77.2	
PNL	84.9	94.2	98.6	100.5	101.5	102.9	102.7	102.5	102.5	104.2	105.6	105.0	103.9	102.9	100.7	99.5	99.8	96.5	85.7	
PNLT	86.5	95.7	99.2	101.8	102.7	104.3	103.9	103.7	103.8	105.5	106.9	106.3	105.2	104.0	101.7	100.4	100.9	96.5	85.7	

Point No. A-12

ENGINE MODEL = -3C
ENGINE NUMBER = 704741

STAND = X-308
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5900
CORRECTED RPM = 5860

INLET TEMP = 66.00 F
TIME OF DAY = 1543
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.0	74.1	75.4	74.2	74.6	74.5	73.8	74.0	73.5	73.4	73.8	73.9	74.2	75.0	75.3	77.9	78.0	78.5	79.7	79.6	116.5
.063	80.2	80.4	81.0	80.5	80.2	80.1	79.5	80.0	79.7	80.9	80.2	79.8	80.2	80.0	80.3	81.9	81.9	82.5	81.9	81.2	121.6
.080	77.0	76.2	76.5	74.7	73.7	72.5	72.6	72.1	72.9	71.3	72.3	71.8	72.7	73.7	75.4	77.7	78.5	79.0	79.9	78.1	116.2
.100	75.8	75.2	74.0	73.2	74.3	72.6	73.7	72.3	73.4	72.0	73.2	71.8	74.0	73.9	75.3	77.8	79.7	79.4	80.5	78.1	116.4
.125	74.8	74.8	76.2	74.0	73.5	71.8	73.8	72.9	74.5	74.2	75.2	75.4	75.9	76.9	78.3	79.9	81.4	82.0	82.5	79.8	118.2
.160	76.1	75.9	76.2	75.1	72.6	74.6	73.6	73.8	75.5	75.5	76.4	76.7	77.4	78.0	79.9	82.7	82.8	81.7	82.1	78.0	119.2
.200	75.4	75.4	75.8	75.0	74.6	74.4	75.6	75.7	75.6	75.0	76.9	77.7	79.2	80.7	81.9	85.8	86.6	85.3	86.1	78.3	121.8
.250	78.2	78.4	79.1	77.2	76.1	76.6	77.0	77.6	76.5	78.1	78.5	78.6	78.9	81.1	82.7	85.9	86.4	85.2	86.3	80.3	122.4
.315	78.8	79.1	78.9	78.9	79.2	80.3	79.8	79.5	78.9	80.0	80.7	81.2	81.0	82.3	83.5	85.4	85.9	86.0	87.5	82.3	123.3
.400	80.5	79.4	81.2	80.6	81.1	81.4	82.3	82.4	81.7	82.0	82.6	83.0	82.4	83.6	85.1	86.5	85.0	86.5	90.3	84.0	124.8
.500	82.1	81.9	83.6	81.7	84.6	82.9	83.4	84.5	85.1	82.8	83.7	83.4	83.5	84.6	86.1	86.1	85.6	88.3	91.5	85.9	126.1
.630	82.2	83.6	82.2	83.5	83.8	83.1	83.6	85.2	83.4	83.3	83.7	83.8	83.6	85.0	86.5	87.1	86.2	89.2	91.8	86.8	126.5
.800	81.4	81.6	81.9	82.4	83.0	82.7	82.4	82.4	82.0	82.0	83.6	83.1	83.9	85.7	86.3	86.6	86.4	89.2	90.2	86.1	125.8
1.00	79.7	80.9	81.9	82.0	82.0	82.8	82.8	82.6	81.9	81.7	82.0	82.8	83.8	84.5	85.3	84.8	85.0	87.7	89.2	84.9	125.0
1.25	80.5	81.4	82.7	82.0	82.4	82.3	82.1	81.9	81.8	82.6	82.0	82.6	83.6	84.7	84.9	83.3	84.0	87.0	88.8	83.9	124.7
1.60	81.4	81.7	82.7	82.5	82.1	82.1	82.0	81.7	81.4	81.7	82.1	82.9	83.5	84.4	84.2	82.5	83.0	86.7	88.7	83.8	124.5
2.00	81.8	82.0	82.4	82.4	81.6	82.3	82.5	82.6	82.0	82.0	82.7	83.2	83.6	84.3	83.9	82.4	83.2	86.4	88.4	83.6	124.8
2.50	84.9	86.1	87.1	87.4	87.5	87.2	87.5	86.8	85.4	84.5	84.5	84.2	84.3	84.9	83.7	82.3	82.9	85.7	87.6	83.3	127.3
3.15	83.8	85.0	85.6	86.1	85.9	85.3	85.4	84.9	83.8	83.6	84.3	84.7	84.7	86.2	83.5	81.9	82.0	84.2	86.3	81.8	126.3
4.00	84.3	84.4	85.0	84.7	85.1	84.6	84.5	84.0	83.0	83.9	85.1	85.4	85.6	86.2	83.7	81.9	81.7	83.7	85.4	81.7	126.5
5.00	84.3	85.2	85.6	86.1	86.5	86.4	86.1	85.5	84.7	84.4	85.5	86.1	85.7	87.3	83.3	82.4	82.3	85.1	85.4	82.9	127.6
6.30	83.4	84.7	85.1	85.1	86.2	86.0	85.4	85.2	85.1	86.1	84.0	84.1	87.9	93.1	86.4	87.7	85.2	87.3	87.1	81.0	130.3
8.00	82.0	82.6	83.5	83.5	84.7	84.2	83.6	83.3	82.9	84.0	85.5	86.3	84.3	87.9	85.3	83.0	79.8	80.2	80.5	76.8	127.8
10.0	79.6	80.2	81.2	81.4	82.6	81.7	81.2	81.1	80.7	83.1	83.8	84.2	82.3	82.7	81.6	78.9	76.7	77.1	76.8	73.8	126.6
12.5	76.3	77.8	78.1	77.4	78.6	77.6	77.0	77.2	76.8	78.5	78.3	79.9	78.9	79.0	77.2	74.9	72.8	73.0	72.6	68.5	124.4
16.0	71.6	71.5	72.4	72.2	72.5	72.6	71.4	71.4	71.6	73.0	74.2	74.2	72.5	73.6	71.4	68.9	66.3	66.0	65.0	61.1	121.1
20.0	64.8	64.9	66.2	66.2	67.9	66.0	66.5	65.1	65.7	68.1	69.2	69.1	66.1	68.1	66.6	63.7	61.4	59.3	61.2	56.4	119.7
																			DAPHL =		139.2
TSPL	95.0	95.7	96.3	96.3	96.5	96.3	96.5	96.2	95.7	95.8	96.7	97.3	96.8	98.8	97.8	97.0	97.5	99.3	101.0	96.4	
OSPL	94.9	95.6	96.2	96.2	96.4	96.2	96.2	96.1	95.6	95.7	96.6	97.1	96.7	98.8	97.8	97.7	97.5	99.3	101.0	96.3	
PNLT	108.8	109.8	110.7	110.7	110.9	110.7	110.9	110.5	109.7	110.0	111.3	111.9	111.0	113.9	111.7	110.8	109.7	111.7	113.1	107.9	
PNL	100.2	100.9	101.7	101.7	101.8	101.6	101.7	101.3	100.6	100.6	101.1	101.6	101.4	103.9	102.8	101.0	100.0	101.9	103.4	97.9	

CONDITION = 586 ALTITUDE = 150. FT SIDELINE

OSPL		77.7	85.6	89.4	92.1	93.6	94.8	95.5	95.4	95.7	96.4	96.8	96.1	97.8	96.4	95.3	93.5	92.9	91.1	79.8	
PNL		90.1	98.8	102.8	106.5	107.6	108.3	108.8	108.4	108.6	109.9	110.4	109.2	111.8	109.4	107.3	104.5	104.0	101.7	89.6	
PNLT		91.0	99.6	103.9	106.6	107.1	109.5	109.9	109.8	110.0	111.1	111.6	110.4	112.9	110.2	108.1	105.2	104.8	102.5	89.6	

CONDITION = 586 ALTITUDE = 200. FT SIDELINE

OSPL		74.5	82.6	86.4	89.2	90.8	92.0	92.7	92.7	92.8	93.6	93.9	93.3	94.9	93.6	92.6	90.8	90.1	88.3	76.9	
PNL		86.4	95.6	99.5	103.6	104.2	105.5	106.0	105.6	105.6	107.0	107.5	106.3	108.9	106.4	104.3	101.5	101.1	98.6	86.0	
PNLT		87.2	96.6	100.9	103.7	104.3	106.7	107.1	106.7	107.1	108.2	108.6	107.4	109.9	107.3	105.1	102.2	101.9	99.4	86.0	

Point No. A-13

ENGINE MODEL = -GE
ENGINE NUMBER = 704741

STAND = X-36B
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6300
CORRECTED RPM = 6257

INLET TEMP = 66.00 F
TIME OF DAY = 1355
BARM. PRESSURE = 29.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.7	75.2	75.5	75.1	75.1	75.2	74.4	74.3	74.2	74.3	72.2	75.0	75.5	76.1	77.2	79.0	80.1	80.0	81.4	81.5	117.6
.063	80.6	81.0	81.0	81.1	80.7	80.4	80.0	80.4	80.0	81.0	78.3	80.1	80.3	81.1	80.9	82.5	82.9	83.4	82.7	82.1	122.0
.080	77.4	76.9	76.4	75.5	74.0	72.8	73.4	72.7	72.2	72.1	70.0	72.9	73.6	75.3	76.9	79.4	80.6	80.8	81.4	80.1	117.2
.100	76.2	76.8	75.5	74.4	74.1	73.4	73.0	72.1	72.8	72.8	71.0	73.0	74.5	75.3	76.4	79.3	81.3	81.1	81.9	81.2	117.4
.125	76.4	74.3	75.7	74.1	73.0	72.2	72.6	73.3	74.6	74.9	73.4	76.7	76.9	78.5	79.6	81.1	82.8	83.4	83.0	82.1	119.0
.160	76.1	75.7	75.7	75.3	72.5	73.0	73.3	74.2	75.5	76.1	75.7	78.3	79.2	80.6	82.1	84.5	84.6	83.2	83.4	81.3	120.6
.200	76.4	76.5	76.7	76.1	75.6	75.4	76.4	76.7	76.9	77.0	76.4	79.4	80.8	82.5	84.3	88.1	88.4	86.4	87.5	81.6	123.5
.250	79.3	79.8	79.6	78.1	77.3	77.7	77.8	78.8	79.8	79.4	77.9	80.4	80.9	82.9	84.8	87.7	88.3	86.3	87.3	83.2	123.9
.315	80.2	80.3	80.0	80.2	80.3	81.6	80.9	81.0	80.5	81.8	80.8	83.2	83.3	84.6	86.0	87.7	88.0	87.5	88.8	85.4	125.1
.400	81.6	80.7	82.6	81.7	81.5	83.2	83.2	83.6	83.4	83.9	82.2	84.4	84.4	85.8	87.6	88.4	87.0	87.6	91.4	86.8	126.4
.500	83.3	83.6	85.1	82.9	83.8	84.6	84.6	85.1	85.6	84.9	82.9	84.9	85.3	86.8	88.5	88.1	87.5	89.1	92.8	88.8	127.5
.630	84.3	83.9	84.8	85.8	84.3	85.9	85.2	85.0	85.1	85.2	83.2	85.0	85.5	87.3	89.1	88.7	88.1	90.3	93.0	89.7	128.0
.800	82.4	83.1	83.4	83.9	84.2	84.3	83.9	84.4	84.0	83.8	82.6	85.3	86.1	87.9	88.9	88.6	88.7	90.6	92.1	89.1	127.7
1.00	80.8	82.3	83.3	83.0	83.5	84.4	84.1	84.0	83.8	83.4	82.0	84.6	85.6	86.5	87.5	86.8	87.3	89.9	91.0	88.1	126.8
1.25	81.0	82.1	83.6	82.6	83.0	83.4	83.4	83.2	83.4	83.4	82.0	84.9	85.7	86.6	86.8	85.1	86.2	88.8	90.3	86.9	126.2
1.60	80.6	82.3	83.8	83.2	82.9	83.2	82.9	82.9	82.8	83.2	82.0	84.5	85.6	86.1	86.0	84.5	85.1	88.6	89.7	86.8	125.9
2.00	80.9	82.4	83.8	83.3	83.6	83.6	83.4	83.6	83.5	83.4	82.6	84.8	85.7	86.2	85.8	84.4	85.2	88.1	89.4	86.1	126.1
2.50	83.1	84.0	85.6	84.5	85.2	85.1	86.8	85.0	84.8	84.0	83.1	85.1	86.0	86.3	85.3	83.8	85.3	87.8	89.3	86.3	127.0
3.15	87.8	87.1	89.8	87.8	89.8	89.1	93.0	89.4	88.3	85.8	84.9	86.3	86.9	86.5	85.5	83.6	84.3	86.3	88.1	84.7	129.9
4.00	84.3	84.9	85.7	85.7	85.4	85.2	85.1	85.0	85.3	85.5	85.0	87.0	87.7	87.7	85.5	83.5	83.8	85.5	86.9	83.8	127.6
5.00	84.0	84.7	85.7	85.4	86.1	85.9	85.2	85.0	85.0	85.5	84.0	87.3	87.5	88.0	84.9	83.6	84.6	86.8	87.5	85.2	128.0
6.30	84.3	84.8	86.0	85.5	87.3	87.5	87.4	86.3	86.4	86.3	86.6	89.2	88.0	88.4	85.6	84.1	84.7	87.7	87.1	82.8	129.6
8.00	82.4	83.0	84.2	83.8	84.9	85.0	84.2	84.3	84.7	86.9	87.9	92.2	88.3	89.0	86.9	84.1	82.8	84.6	84.4	80.5	130.0
10.0	79.8	80.5	81.9	81.4	82.6	82.5	81.5	82.0	81.6	83.7	82.6	84.6	84.3	84.2	82.5	79.4	78.5	78.4	78.6	76.4	127.2
12.5	76.5	77.9	79.2	77.5	79.0	78.7	77.6	78.6	77.9	80.2	78.8	81.1	81.1	80.3	79.1	76.2	75.0	75.2	74.8	71.6	125.6
16.0	71.2	71.7	73.4	72.7	73.0	73.0	72.4	72.9	72.5	74.6	74.5	75.9	74.6	74.5	72.9	70.5	68.7	68.3	67.0	64.6	122.3
20.0	64.9	65.0	67.0	66.4	66.5	67.0	66.7	66.3	67.0	69.7	69.0	70.6	68.4	69.6	68.0	65.0	63.2	61.1	6.5	6.1	120.8
																			OAPWL =		140.4
TSPL	95.6	96.1	97.4	96.7	97.3	97.5	98.2	97.2	97.1	97.1	96.3	99.0	98.7	99.5	99.4	99.2	99.5	100.8	102.4	99.1	
OSPL	95.7	96.0	97.3	96.6	97.2	97.4	98.1	97.1	97.0	97.0	96.2	98.9	98.6	99.4	99.3	99.2	99.4	100.8	102.4	99.1	
PNLT	111.2	110.7	113.0	111.4	113.0	112.6	115.5	112.8	112.0	111.3	110.3	112.5	112.7	113.1	111.9	110.8	110.7	113.0	113.9	110.8	
PNL	109.9	109.9	111.6	110.5	111.5	111.3	113.1	111.2	110.8	110.0	109.1	111.5	111.7	112.2	111.2	110.2	110.7	112.5	113.9	110.8	

CONDITION = 6257 ALTITUDE = 150. FT SIDELINE

OSPL		78.3	86.7	89.9	92.9	94.6	96.7	96.5	96.9	97.0	96.1	98.5	98.0	98.4	98.0	96.8	95.4	94.3	92.4	82.6	
PNL		90.8	100.7	103.6	107.2	108.7	111.8	110.7	110.7	110.0	109.0	111.1	111.1	111.2	109.8	107.7	106.4	105.8	103.3	92.5	
PNLT		91.8	102.1	104.5	108.7	110.1	114.1	112.2	111.8	111.3	110.2	112.2	112.1	112.1	110.5	108.2	106.4	106.3	103.3	92.5	

CONDITION = 6257 ALTITUDE = 200. FT SIDELINE

OSPL		75.2	83.6	86.9	90.0	91.9	93.9	93.8	94.1	94.2	93.2	95.6	95.2	95.6	95.3	94.1	92.7	91.6	89.7	79.7	
PNL		87.6	97.4	100.5	104.2	105.8	108.9	107.9	107.9	107.2	106.1	108.2	108.3	108.4	107.0	104.8	103.6	102.8	100.2	88.9	
PNLT		88.6	98.9	101.5	105.7	107.2	111.3	109.4	109.0	108.5	107.3	109.2	109.2	109.3	107.6	105.4	103.6	103.3	100.2	88.9	

Point No. A-14

ENGINE MODEL = -CC
ENGINE NUMBER = 704741

STAND = X-308
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6732
CORRECTED RPM = 6693

INLET TEMP = 65.00 F
TIME OF DAY = 1605
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.7	75.6	75.7	76.5	76.6	76.8	75.8	76.2	75.3	75.5	75.7	76.3	76.7	78.0	78.6	81.0	81.5	81.8	82.3	83.9	119.1
.063	81.0	81.4	81.4	81.6	81.0	81.1	80.7	81.0	80.7	81.7	81.0	80.9	81.1	82.5	82.0	84.4	84.5	84.5	83.4	83.6	123.1
.080	78.3	79.3	77.1	78.3	75.1	76.4	75.2	76.8	73.8	76.9	73.6	76.7	75.3	78.5	79.2	82.2	82.4	83.4	82.6	82.3	119.7
.100	77.3	80.3	76.6	78.9	75.7	78.8	76.1	78.2	74.9	78.4	74.4	78.9	76.8	79.9	79.3	83.2	83.1	83.7	83.2	83.8	120.6
.125	78.6	80.3	76.9	79.4	75.7	79.2	75.9	79.2	77.0	80.2	77.0	81.0	79.7	82.3	82.7	84.6	84.6	85.4	84.2	85.1	122.1
.160	77.1	79.4	75.7	79.4	76.5	79.6	77.1	79.7	77.7	80.6	79.6	82.0	81.8	83.8	85.0	87.4	86.8	85.3	84.6	84.2	123.5
.200	79.1	80.5	78.2	79.6	79.2	80.0	80.3	80.3	79.7	81.0	80.6	82.5	83.4	85.4	87.3	91.0	90.7	88.2	88.3	84.5	126.2
.250	81.0	81.8	80.8	80.8	80.3	80.6	81.2	81.6	81.6	82.2	81.6	82.7	83.6	85.8	87.4	91.3	90.9	88.2	88.3	85.8	126.6
.315	81.7	82.3	81.3	82.3	82.8	83.9	84.0	83.3	82.8	84.5	85.0	85.7	85.7	87.2	88.5	90.9	90.6	88.9	89.7	87.7	127.6
.400	83.4	82.7	84.0	83.8	84.0	85.1	85.3	85.6	85.2	85.9	86.0	86.4	86.7	88.7	90.5	91.3	89.6	89.3	92.2	89.3	128.6
.500	84.4	85.3	86.2	84.6	86.1	86.2	86.3	86.7	86.4	86.9	87.0	86.9	87.7	89.7	91.3	90.3	89.8	90.5	93.7	91.6	129.6
.630	85.8	86.7	86.9	86.6	86.4	87.1	86.8	87.2	86.8	88.3	87.6	87.6	87.9	89.6	91.5	91.1	90.8	92.1	94.1	92.7	130.2
.800	83.7	84.4	84.4	85.7	86.2	86.4	86.4	86.2	86.1	86.4	86.9	87.4	88.6	90.2	91.4	90.6	90.8	92.2	93.4	91.8	129.8
1.00	82.3	84.2	84.8	85.3	85.6	86.2	86.0	86.1	86.3	85.3	85.9	86.8	88.0	89.1	89.8	89.2	89.7	92.1	92.6	91.1	129.1
1.25	82.0	83.5	84.9	84.6	85.0	84.9	85.4	85.3	85.6	85.6	86.1	87.1	88.0	89.1	88.8	87.4	88.4	90.8	91.6	90.1	128.4
1.60	81.6	83.6	85.1	85.2	84.9	84.8	84.9	84.8	84.8	85.4	86.1	86.8	87.8	88.3	88.1	86.6	87.1	90.2	90.9	89.6	127.9
2.00	81.9	83.7	85.0	85.2	85.3	85.1	85.2	85.1	85.3	85.6	86.7	87.3	88.0	89.1	87.7	86.5	87.1	89.6	90.7	88.8	128.1
2.50	84.4	84.8	85.6	85.6	85.4	85.4	85.5	85.3	85.8	85.0	86.7	87.5	88.1	88.2	87.3	86.0	87.1	89.9	91.0	89.4	128.4
3.15	86.7	90.1	90.5	90.3	91.3	90.8	90.7	89.4	88.8	88.2	88.0	88.4	88.8	88.3	87.1	85.7	86.5	88.3	89.6	87.8	130.9
4.00	83.5	85.0	86.1	86.3	86.1	85.8	86.3	86.2	87.2	87.7	89.0	88.6	89.7	90.8	88.6	86.7	85.0	85.4	87.3	88.2	86.7	129.2
5.00	83.2	84.5	85.7	86.0	86.4	85.8	86.0	85.9	86.6	87.1	88.5	88.6	89.5	88.7	86.2	84.7	85.3	87.5	87.7	86.5	129.2
6.30	84.7	85.1	86.5	86.8	87.9	87.8	87.1	87.8	87.4	87.7	89.1	88.4	89.2	88.5	86.4	84.6	84.3	86.2	86.3	84.4	130.1
8.00	82.4	83.7	84.6	84.2	84.7	84.6	85.1	86.5	87.5	87.7	89.7	89.6	89.6	89.2	89.2	87.6	85.7	88.0	87.2	84.0	131.1
10.0	80.2	80.1	82.4	82.6	83.5	82.0	82.5	83.2	83.4	85.2	85.9	85.2	85.4	84.9	83.9	81.4	78.0	76.6	76.8	76.1	74.5	127.7
12.5	75.8	77.3	78.6	78.2	79.5	78.9	78.7	79.7	80.9	83.0	82.8	82.4	84.9	83.9	81.4	78.0	76.6	76.8	76.1	74.5	127.7
16.0	70.6	71.3	72.8	73.1	73.5	73.3	73.4	74.0	74.3	76.5	77.4	76.4	76.6	76.2	74.8	71.7	69.9	69.8	68.8	67.8	123.7
20.0	64.2	64.5	66.4	67.1	67.0	67.4	67.6	67.8	69.2	71.9	72.8	71.5	70.6	71.3	69.9	66.3	64.8	62.9	63.2	62.8	122.6
																				DAPWL =	142.1
TSPL	96.5	97.7	98.1	98.3	98.7	98.7	98.7	98.7	98.7	99.3	99.8	100.1	100.8	101.3	101.6	101.8	101.6	102.5	103.5	101.9	
OSPL	96.5	97.6	98.1	98.3	98.6	98.7	98.6	98.6	98.6	99.1	99.7	100.0	100.6	101.2	101.6	101.7	101.6	102.5	103.5	101.9	
PNLT	112.5	113.6	113.4	113.9	114.8	114.6	114.3	113.5	113.1	113.2	113.9	113.7	114.6	114.5	113.8	113.3	113.3	115.1	115.9	113.6	
PNL	110.6	111.9	112.3	112.5	112.9	112.8	112.7	112.3	112.1	112.2	112.9	113.0	113.8	113.8	113.1	112.4	112.7	114.3	115.2	113.6	

CONDITION = 6693 ALTITUDE = 150. FT SIDELINE

OSPL	86.2	87.5	91.6	94.3	96.1	97.2	98.0	98.6	99.1	99.5	99.7	100.0	100.3	100.2	99.3	97.6	96.0	93.6	85.3	
PNL	93.0	101.4	105.6	108.6	110.2	111.3	111.7	111.9	112.2	112.7	112.7	113.2	112.8	111.7	109.9	108.4	107.6	104.6	95.3	
PNLT	94.8	103.0	107.0	110.4	112.0	112.9	112.9	113.0	113.2	113.8	113.4	114.0	113.5	112.4	110.7	109.1	108.4	104.6	95.3	

CONDITION = 6692 ALTITUDE = 200. FT SIDELINE

OSPL	77.2	84.5	88.7	91.5	93.3	94.5	95.2	95.7	96.3	96.7	96.9	97.2	97.6	97.6	96.7	94.9	93.3	90.8	82.4	
PNL	89.2	[illegible]																		
PNLT	91.[illegible]	[illegible]																		

Point No. A-15

ENGINE MODEL = -0C
ENGINE NUMBER = 7F4741

STAND = X-303
DATE = 11/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7150
CORRECTED RPM = 7115

INLET TEMP = 64.00 F
TIME OF DAY = 1605
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.0	77.1	77.5	77.6	77.4	77.5	77.0	77.4	76.6	76.8	77.2	78.1	78.4	79.4	80.3	82.6	82.8	82.8	84.0	84.7	120.5
.063	61.5	61.2	61.6	61.5	80.8	81.0	80.8	81.1	80.5	81.6	81.1	80.9	81.9	82.5	82.9	84.8	86.0	85.3	84.3	84.3	123.5
.080	79.7	78.6	78.1	77.6	75.9	75.6	75.9	75.4	74.8	74.8	75.5	76.5	77.3	79.1	81.0	83.6	84.4	84.6	83.8	83.5	120.6
.100	78.2	79.1	78.1	77.2	76.2	76.3	75.6	76.0	75.3	76.3	76.6	77.7	78.4	80.2	80.5	84.0	85.2	84.6	83.8	84.3	121.0
.125	79.7	79.7	78.0	76.1	76.4	76.1	75.7	77.5	77.6	78.5	80.3	81.0	81.7	82.7	83.7	85.4	86.3	85.8	85.4	85.1	122.7
.160	77.4	76.5	76.8	77.5	75.6	76.8	76.6	78.3	78.5	79.4	81.4	82.4	83.2	85.0	86.7	88.9	88.8	86.4	85.4	84.0	124.5
.200	79.2	80.2	79.1	79.6	78.5	79.1	79.6	80.3	80.1	80.8	82.1	83.6	84.9	87.1	89.1	92.8	92.3	89.1	89.0	85.2	127.4
.250	81.6	82.4	81.6	81.6	80.6	81.0	80.8	82.1	82.7	82.8	83.2	84.0	85.4	87.7	89.6	93.1	92.6	89.6	89.1	86.4	128.1
.315	83.0	83.4	82.7	83.4	83.3	85.2	84.4	84.4	84.1	85.5	86.5	86.9	87.8	89.1	91.0	92.5	92.4	90.9	90.9	88.8	129.1
.400	84.5	84.1	85.7	85.4	84.7	86.3	86.4	86.7	86.6	87.2	87.8	88.1	89.0	91.0	92.8	92.9	91.2	90.7	92.9	90.1	130.2
.500	85.4	86.4	87.2	86.6	86.9	87.8	87.3	88.0	88.1	87.9	88.7	88.8	89.7	92.2	93.6	92.0	91.2	92.3	94.8	91.8	131.0
.630	87.2	87.7	87.1	87.3	87.0	88.3	88.1	88.2	88.1	90.0	88.9	89.1	89.9	92.1	93.6	92.6	91.9	95.0	95.9	92.9	131.8
.800	88.3	88.6	88.7	88.3	88.8	88.6	88.8	88.9	87.2	87.3	88.4	89.3	90.6	92.3	93.2	91.7	92.0	93.5	94.3	92.8	131.0
1.00	84.3	85.6	85.7	86.3	86.8	86.6	86.8	86.9	87.2	87.3	88.0	89.1	90.0	91.2	91.8	90.9	91.6	93.6	93.9	92.7	130.7
1.25	84.2	86.1	86.7	86.8	86.8	87.1	87.4	87.4	87.7	86.7	88.0	89.1	90.0	91.2	90.8	89.3	90.5	92.4	92.8	91.7	130.1
1.60	83.5	85.2	86.4	86.4	86.1	86.2	86.8	86.7	87.3	87.4	87.9	88.6	89.9	91.2	90.8	89.3	90.5	92.4	92.0	91.0	129.8
2.00	83.4	85.2	87.0	86.5	86.5	86.1	86.6	86.4	86.7	87.2	88.2	88.9	90.0	90.5	90.1	88.5	89.2	91.9	92.0	91.0	129.9
2.50	83.3	85.2	87.0	86.6	86.6	86.6	87.0	86.8	87.1	87.3	88.7	89.7	90.1	90.3	89.7	88.3	89.1	91.1	91.8	90.5	130.1
3.00	84.0	85.8	87.6	87.1	86.8	86.6	87.3	87.0	87.5	87.6	88.8	89.4	90.0	90.4	89.3	87.7	89.0	91.2	91.8	90.5	130.9
3.15	84.9	84.0	93.0	90.4	93.9	92.8	93.7	91.4	91.9	89.7	90.5	90.1	91.1	93.1	89.0	87.3	88.5	90.2	90.9	89.6	133.0
4.00	84.3	85.6	86.4	87.0	87.0	87.5	86.5	86.2	85.8	88.6	89.2	90.1	90.7	89.8	88.2	86.8	88.2	89.2	89.6	88.3	130.9
5.00	83.5	85.1	87.1	87.1	87.1	86.6	87.7	87.2	88.5	88.5	90.1	90.5	90.6	89.2	87.7	86.1	87.0	88.7	88.9	87.8	130.5
6.30	81.5	86.4	87.9	87.4	88.3	87.3	86.4	88.0	88.6	88.7	90.1	89.3	90.1	88.8	87.3	85.3	85.5	86.9	87.1	85.6	131.0
8.00	82.5	83.3	84.9	85.2	85.5	86.0	87.5	88.5	88.5	89.9	91.7	91.4	92.8	90.8	87.9	86.4	87.2	89.2	88.2	85.3	132.7
10.0	79.6	80.8	82.8	84.8	83.7	83.1	84.2	86.4	87.7	88.9	87.7	87.2	87.4	86.3	85.0	82.1	82.2	82.2	82.0	80.9	130.0
12.5	75.6	77.4	79.6	79.0	79.2	79.6	80.9	82.6	82.7	84.9	85.7	85.1	85.9	85.2	84.3	79.6	78.8	78.9	78.0	76.4	129.7
16.0	70.6	71.8	73.8	72.9	74.2	74.3	75.6	76.4	77.1	78.6	80.0	78.8	77.5	78.1	77.0	73.6	72.5	72.2	70.9	69.7	125.9
20.0	64.5	65.8	67.7	67.9	68.1	68.6	69.8	70.5	72.2	74.3	75.5	74.0	73.6	73.7	72.3	68.3	67.4	65.4	65.8	64.5	125.0
																			OAPWL =		143.7
TSPL	97.5	98.3	99.8	99.7	99.9	99.8	100.3	100.0	100.5	100.7	101.6	101.8	102.6	103.2	103.5	103.3	103.3	104.1	104.7	102.9	
OSPL	97.5	98.3	99.7	99.2	99.8	99.7	100.3	99.9	100.4	100.5	101.4	101.6	102.5	103.1	103.4	103.2	103.3	104.1	104.7	102.9	
PNLT	113.6	113.6	116.0	113.7	116.8	116.1	116.6	116.1	115.4	114.6	115.3	115.1	116.1	115.9	114.8	113.9	115.1	116.5	116.9	114.7	
PNL	111.7	111.9	114.3	113.1	114.6	114.1	114.6	113.8	114.3	113.6	114.5	114.5	115.5	115.3	114.8	113.9	114.6	115.8	116.3	114.7	

CONDITION = 7115 ALTITUDE = 150. FT SIDELINE

OSPL		81.0	89.2	92.5	96.6	97.2	98.9	99.3	100.2	100.5	101.3	101.3	101.9	102.1	102.1	100.8	99.3	97.6	96.7	86.2	
PNL		93.0	103.4	104.2	110.3	111.6	113.5	113.2	114.2	113.6	114.6	114.2	114.9	114.4	113.5	111.4	110.3	109.0	105.6	96.4	
PNLT		94.2	105.2	106.8	112.5	113.5	115.4	114.5	115.2	114.6	115.2	114.8	115.5	114.9	113.5	111.4	110.9	109.9	105.6	96.4	

CONDITION = 7115 ALTITUDE = 200. FT SIDELINE

OSPL		77.9	86.2	89.6	93.7	94.4	96.1	96.6	97.4	97.7	98.4	98.6	99.1	99.4	99.4	98.2	96.6	94.9	91.9	82.3	
PNL		89.2	100.1	101.1	107.4	108.7	110.4	110.4	111.4	110.8	111.6	111.4	112.0	111.6	110.7	108.5	107.4	106.1	102.5	92.9	
PNLT		90.5	101.9	103.2	109.6	110.6	112.6	111.7	112.5	111.8	112.4	112.0	112.7	112.1	110.7	108.5	108.0	106.9	102.5	92.9	

Point No. A-16

ENGINE MODEL = -6C
ENGINE NUMBER = 704741

STAND = X-30E
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7566
CORRECTED RPM = 7529

INLET TEMP = 64.00 F
TIME OF DAY = 1621
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	78.3	76.6	77.6	77.8	77.7	76.1	76.9	77.3	77.0	76.7	77.4	78.7	78.8	80.0	81.2	84.0	84.5	84.4	84.8	87.5	121.4
.063	81.7	81.7	82.3	82.2	81.4	81.4	81.0	81.6	81.4	82.3	81.7	81.8	82.7	83.9	83.9	86.7	87.1	86.9	85.6	87.0	124.5
.080	79.1	78.9	78.5	77.4	76.3	75.9	76.6	75.9	75.2	75.0	75.9	77.1	78.5	80.9	82.7	85.4	86.5	86.3	85.3	85.9	122.1
.100	77.7	78.0	77.9	76.4	76.5	75.8	76.0	75.4	74.9	75.4	76.6	77.7	79.3	81.1	82.0	85.8	86.6	86.0	85.0	86.6	122.0
.125	75.4	77.9	76.1	76.5	76.1	75.6	76.3	77.5	76.0	78.4	80.2	81.6	82.8	84.5	85.3	86.7	87.7	87.0	86.7	86.0	123.7
.160	77.7	77.4	76.9	77.1	76.2	76.1	77.2	78.4	79.1	80.0	82.1	83.5	84.9	86.8	88.6	90.8	89.9	87.4	85.8	85.1	125.8
.200	79.7	80.1	80.0	80.1	79.4	79.2	80.1	80.2	81.0	81.3	83.3	84.8	86.6	88.8	90.9	94.7	93.7	90.1	89.4	85.1	128.9
.250	82.4	82.7	82.8	82.3	81.3	81.4	81.8	82.9	83.7	83.6	84.1	85.3	86.9	89.7	91.5	95.1	94.3	91.1	89.8	85.8	129.7
.315	83.6	83.8	83.6	84.2	84.6	86.3	85.6	85.5	85.4	86.7	87.5	88.6	89.5	91.2	92.7	94.6	94.3	92.6	91.3	87.0	130.7
.400	85.7	84.9	86.9	86.6	86.2	87.6	87.6	88.1	87.9	88.5	89.3	89.6	91.0	93.3	94.8	94.8	93.4	92.4	93.8	88.9	131.9
.500	86.2	87.2	86.2	87.1	88.5	89.0	86.3	89.3	89.6	89.3	90.2	90.8	92.2	94.3	95.8	93.8	93.0	93.6	95.2	91.0	132.6
.630	86.4	87.7	87.5	87.5	88.0	89.1	88.4	89.2	89.0	89.7	90.3	90.5	92.0	93.9	95.4	93.8	93.5	94.8	96.1	91.8	132.7
.800	86.8	87.1	86.8	87.6	88.4	88.9	88.1	88.3	88.9	89.0	90.9	91.4	93.1	94.2	94.9	93.1	94.1	94.9	96.4	92.7	132.8
1.00	86.2	87.2	88.2	88.2	88.1	88.1	88.6	89.0	89.7	88.6	89.8	90.7	92.3	93.2	93.8	92.6	93.2	94.6	95.1	92.0	132.2
1.25	86.2	86.7	89.6	88.7	88.3	87.9	88.6	88.5	88.9	89.3	89.8	90.9	92.4	93.0	92.7	91.6	92.3	94.0	94.4	91.5	131.9
1.60	86.5	86.5	89.0	86.1	86.5	87.9	88.0	88.1	89.2	89.0	90.0	90.9	92.1	92.7	92.0	90.6	91.1	92.8	93.2	90.3	131.5
2.00	84.6	87.0	89.2	88.9	86.8	88.5	88.4	88.5	89.7	89.2	90.7	91.4	92.2	92.4	91.6	90.1	90.8	92.4	93.1	89.7	131.6
2.50	85.1	87.8	89.7	89.3	86.9	86.8	86.9	88.7	89.6	89.4	90.8	91.5	92.2	92.3	91.1	89.4	90.6	92.2	93.0	90.1	131.8
3.15	90.3	91.7	92.2	92.7	92.5	92.3	92.2	91.4	90.9	91.1	91.2	92.1	92.3	91.9	90.7	89.2	90.1	91.5	92.2	89.0	133.4
4.00	88.4	90.3	91.1	91.6	91.4	92.1	91.5	90.6	91.3	91.4	91.5	92.4	92.8	91.5	90.1	88.6	89.4	90.5	91.2	88.3	133.3
5.00	83.6	86.6	89.6	89.3	89.2	89.4	89.4	89.6	90.2	90.9	91.6	92.0	92.5	90.9	89.3	87.9	88.5	89.9	90.2	87.7	132.4
6.30	84.0	86.3	88.7	88.8	88.4	88.7	88.6	89.5	89.6	90.6	91.2	91.3	91.8	90.3	88.5	86.8	87.6	88.1	88.3	85.6	132.2
8.00	86.7	85.0	86.3	87.0	86.4	87.2	87.7	88.7	89.2	91.7	93.1	91.8	92.1	90.5	88.4	86.5	87.3	88.4	88.3	84.8	133.2
10.0	79.5	81.5	83.7	84.4	84.5	84.7	86.3	86.5	87.6	89.7	90.9	90.0	90.1	88.9	86.8	84.1	84.3	84.2	84.0	81.4	132.3
12.5	75.3	78.1	80.7	84.4	81.3	81.2	81.9	83.9	83.9	86.5	87.1	86.7	86.8	84.9	84.0	81.3	80.6	80.5	79.4	76.6	130.8
16.0	70.2	72.1	74.9	75.4	75.6	75.9	76.9	76.5	78.9	80.9	81.9	81.4	81.2	80.1	78.3	75.3	74.4	73.9	72.7	70.6	127.8
20.0	64.3	65.7	68.7	69.5	69.3	70.5	71.2	72.4	74.1	76.6	78.1	76.6	75.6	75.1	73.7	70.2	69.2	67.0	67.3	66.5	127.1
																				OAPWL =	145.1
TSPL	98.1	99.8	100.9	101.1	101.0	101.3	101.1	101.3	101.5	102.2	103.1	103.5	104.5	105.0	105.3	105.0	105.0	105.2	105.7	102.6	
OSPL	98.4	99.7	100.9	101.1	100.9	101.3	101.1	101.2	101.4	102.1	103.0	103.4	104.3	104.9	105.2	105.0	105.0	105.1	105.7	102.6	
PNLT	113.6	114.5	115.5	115.8	115.6	116.1	115.6	115.5	115.6	116.3	116.7	117.2	117.9	117.7	116.6	115.7	116.2	116.9	117.4	114.4	
PNL	112.4	113.6	114.7	115.0	114.9	115.3	114.9	114.7	114.8	115.2	115.9	116.5	117.2	117.1	116.0	115.7	116.2	116.9	117.4	114.4	

CONDITION = 7529 ALTITUDE = 150. FT SIDELINE

OSPL	82.1	96.3	94.3	94.7	98.7	96.7	100.6	101.2	102.1	102.8	103.1	103.8	104.0	103.6	102.6	100.9	98.6	95.7	86.0	
PNL	44.9	103.8	104.2	110.8	112.7	113.8	114.1	114.6	115.2	115.7	116.2	116.6	116.2	115.2	113.1	111.9	110.2	106.7	96.1	
PNLT	95.9	104.6	104.9	111.3	115.5	114.2	114.9	115.5	116.2	116.5	116.8	117.3	116.7	115.2	113.1	111.9	110.2	106.7	96.1	

CONDITION = 7529 ALTITUDE = 200. FT SIDELINE

OSPL	78.9	87.3	91.4	93.8	95.9	96.9	97.6	98.5	99.2	100.0	100.2	101.0	101.3	101.3	100.0	98.3	96.0	93.0	83.1	
PNL	91.1	100.6	103.1	107.6	109.9	110.6	111.3	111.9	112.4	112.9	113.3	113.8	113.4	112.4	110.3	109.0	107.2	103.6	92.5	
PNLT	92.1	101.3	103.6	108.3	110.6	111.3	112.1	112.7	113.5	113.7	114.0	114.4	113.9	112.4	110.3	109.0	107.2	103.6	92.5	

Point No. A-17

ENGINE MODEL = -06
ENGINE NUMBER = 704741

STAND = X-300
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7872
CORRECTED RPM = 7841

INLET TEMP = 63.00 F
TIME OF DAY = 1700
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	79.0	77.0	77.E	78.4	78.3	79.0	78.4	77.5	77.9	77.7	78.0	79.2	79.5	80.7	82.2	85.0	85.4	84.9	85.8	86.5	122.2
.063	79.2	79.8	79.3	79.6	78.8	79.0	78.2	78.6	78.5	78.9	78.6	79.6	81.5	83.4	84.1	87.3	88.0	86.4	85.6	86.8	123.7
.080	79.6	79.7	79.2	78.3	76.6	76.8	76.7	76.8	75.6	76.3	76.4	78.2	79.6	82.0	83.9	86.5	87.7	87.2	86.1	86.2	123.0
.100	78.3	78.9	78.4	77.2	76.8	76.3	76.7	76.2	75.8	76.4	77.4	78.7	80.6	82.2	83.4	86.9	87.9	86.9	86.2	86.6	123.1
.125	79.4	79.0	78.4	77.8	76.6	76.2	76.6	77.7	78.9	79.6	81.4	83.0	83.9	85.8	86.3	87.8	88.5	88.0	87.6	86.4	124.6
.160	78.2	78.6	78.6	77.9	76.9	77.3	78.2	79.2	79.8	80.9	83.4	84.7	86.2	88.3	90.0	92.4	91.6	88.2	86.7	85.1	127.2
.200	81.0	81.7	81.0	80.7	80.2	80.1	81.3	81.5	82.2	82.5	84.2	85.9	87.8	90.4	92.4	96.2	95.0	91.2	89.4	85.0	130.2
.250	83.4	84.0	83.5	83.1	82.6	82.9	82.2	83.7	84.7	84.7	85.4	86.5	88.4	91.4	93.1	96.5	95.1	92.1	90.0	85.4	130.8
.315	84.5	85.0	84.7	84.9	85.6	87.2	87.1	86.4	86.6	87.7	88.7	89.8	90.9	93.0	94.5	95.9	94.8	94.3	91.6	86.8	131.9
.400	87.4	86.3	88.5	88.0	87.5	89.0	89.2	89.2	89.1	89.8	90.2	91.0	92.6	95.2	96.8	96.0	94.3	93.9	94.3	88.5	133.2
.500	87.2	88.3	89.2	88.4	89.0	90.0	89.7	90.2	90.5	90.5	91.0	92.4	93.3	95.9	97.4	95.4	94.0	95.0	95.5	90.3	133.8
.630	87.3	86.4	88.4	88.5	89.0	89.6	89.1	89.9	89.8	90.6	91.1	92.0	93.4	95.6	96.7	95.6	93.6	95.7	96.5	91.8	133.7
.800	87.4	88.1	88.5	88.7	89.6	88.8	89.1	89.1	89.9	90.7	91.1	92.6	94.0	95.8	96.0	94.6	94.3	95.8	96.1	92.1	133.6
1.00	87.8	89.1	89.9	89.6	89.2	89.7	89.6	90.6	90.3	90.0	91.0	92.4	93.4	94.8	95.1	94.1	93.8	96.0	95.7	92.0	133.5
1.25	88.9	89.4	91.2	90.4	90.2	90.9	90.7	92.6	92.5	91.7	92.0	93.3	93.9	95.1	94.5	93.8	94.7	97.4	96.9	93.6	134.5
1.60	85.8	86.3	90.5	90.4	90.0	89.8	89.6	89.7	89.9	90.9	91.4	92.6	93.5	94.2	93.3	92.4	92.1	94.5	93.9	90.4	133.0
2.00	86.8	89.3	91.3	90.5	90.4	90.3	90.3	90.7	90.6	91.4	92.2	93.2	93.6	93.7	92.9	92.1	91.9	93.8	93.7	90.3	133.2
2.50	87.1	90.0	91.7	91.3	90.6	91.0	91.0	91.6	91.1	91.7	92.3	93.6	93.6	93.9	92.8	91.6	91.7	93.6	93.8	90.4	133.6
3.15	86.7	91.5	92.9	92.8	92.2	92.1	91.8	91.8	91.4	91.9	92.2	93.3	93.2	93.1	92.0	91.1	91.2	92.9	93.1	89.7	133.9
4.00	91.9	93.8	93.8	94.7	93.3	94.0	94.1	94.1	93.4	93.6	93.1	94.1	93.9	93.1	91.8	90.8	90.5	92.0	92.0	88.9	135.4
5.00	85.3	88.9	91.0	91.3	91.4	91.6	92.0	91.8	92.7	93.2	93.8	93.9	94.7	92.7	91.4	90.1	89.7	91.3	90.8	86.2	134.5
6.30	84.4	87.7	89.6	90.2	90.2	90.8	91.1	91.5	91.5	92.4	92.3	92.4	92.8	91.4	89.9	88.4	87.9	89.4	89.4	86.4	133.8
8.00	84.4	86.6	87.4	88.5	88.4	89.6	89.8	90.8	90.8	92.7	92.3	92.3	92.2	90.7	89.0	87.4	87.2	88.5	88.6	85.0	134.0
10.0	80.5	82.9	85.6	86.0	86.6	87.4	87.7	89.0	89.0	91.2	91.1	91.8	91.6	90.5	88.7	86.3	85.8	86.1	85.5	82.5	133.9
12.5	76.2	79.5	81.9	82.6	83.2	83.6	84.2	85.8	86.0	87.9	88.4	87.7	87.8	86.0	84.9	82.4	81.0	81.3	80.4	77.3	132.3
16.0	71.0	73.4	76.2	76.9	77.4	78.4	79.4	80.8	81.2	82.9	83.9	82.9	82.9	81.7	80.1	77.2	75.4	75.3	73.7	71.3	129.7
20.0	64.9	66.9	70.0	71.0	71.2	73.0	73.8	75.3	77.3	79.3	79.4	78.2	77.3	77.3	76.0	72.2	70.3	69.0	68.5	66.5	129.3
																				OAPWL =	146.6
TSPL	99.7	101.4	102.5	102.6	102.2	102.7	102.7	103.2	103.2	103.8	104.2	105.1	105.7	106.5	106.8	106.6	105.9	106.6	106.4	102.9	
OSPL	99.7	101.4	102.5	102.5	102.2	102.6	102.7	103.1	103.1	103.7	104.0	104.9	105.6	106.4	106.7	106.6	105.9	106.6	106.4	102.9	
PNLT	115.4	116.8	116.3	116.7	116.0	116.5	116.5	116.8	116.5	117.0	117.1	118.1	118.4	118.5	118.0	117.4	117.2	118.3	118.2	114.8	
PNL	113.8	115.6	116.3	116.7	116.0	116.5	116.5	116.8	116.5	117.0	117.1	118.1	118.4	118.5	118.0	117.4	117.2	118.3	118.2	114.8	

CONDITION = 7841 ALTITUDE = 150. FT SIDELINE

OSPL		83.6	91.9	95.7	97.9	100.1	101.3	102.5	102.9	103.7	103.9	104.6	105.0	105.5	105.4	104.2	101.9	100.2	96.4	86.2
PNL		96.1	105.2	109.7	111.6	113.9	115.1	116.2	116.4	117.0	117.0	117.7	117.8	117.5	116.6	114.9	112.9	111.6	107.5	96.4
PNLT		97.2	105.2	109.7	111.6	113.9	115.1	116.2	116.4	117.0	117.0	117.7	117.8	117.5	116.6	114.9	112.9	111.6	107.5	96.4

CONDITION = 7841 ALTITUDE = 200. FT SIDELINE

OSPL		80.4	88.9	92.8	95.0	97.2	98.4	99.6	100.1	100.9	101.1	101.8	102.2	102.9	102.8	101.6	99.2	97.5	93.6	83.3
PNL		92.0	101.8	106.5	108.6	110.9	112.3	113.3	113.6	114.2	114.1	114.9	115.0	114.7	113.8	112.1	110.0	108.6	104.4	92.8
PNLT		92.0	101.8	106.5	108.6	110.9	112.3	113.3	113.6	114.2	114.1	114.9	115.0	114.7	113.8	112.1	110.0	108.6	104.4	92.8

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. A-18

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 8375
CORRECTED RPM = 8383

INLET TEMP = 58.00 F
TIME OF DAY = 1745
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	79.7	78.2	79.4	79.6	79.5	80.0	79.1	79.3	78.9	78.9	79.0	80.3	80.9	82.6	83.8	86.6	86.6	86.3	86.8	91.7	123.7
.063	80.1	80.1	80.6	80.2	79.8	79.2	79.3	79.1	79.3	79.7	79.9	80.5	83.4	84.9	85.9	89.2	89.7	88.7	86.8	89.8	125.3
.080	80.1	79.9	79.7	78.7	77.6	77.5	78.3	77.7	76.7	76.8	78.1	79.6	81.7	84.0	86.4	88.6	89.7	89.3	87.8	89.2	124.9
.100	78.7	79.5	79.2	77.6	77.8	77.5	77.5	77.1	76.8	77.3	78.9	80.6	82.3	84.1	85.4	89.3	89.9	88.9	87.5	88.7	124.9
.125	80.0	79.3	79.4	79.0	77.7	77.1	78.0	79.0	79.5	80.5	81.8	83.9	85.2	87.2	88.3	89.8	90.3	89.1	88.5	88.8	126.1
.160	79.0	79.1	79.1	79.2	78.5	78.8	80.1	80.7	81.3	82.3	84.9	86.5	88.2	90.3	92.4	94.2	93.4	89.4	87.6	87.3	129.0
.200	82.3	82.3	82.4	82.1	81.4	81.6	82.5	82.6	83.5	84.1	85.7	87.8	90.1	92.6	94.9	98.2	96.6	92.3	90.3	87.6	132.0
.250	84.3	84.8	84.6	84.5	83.8	84.3	84.3	85.1	86.1	86.1	86.7	88.5	90.7	93.5	95.6	98.5	96.8	93.5	91.3	87.9	132.7
.315	85.4	86.1	86.0	86.3	86.4	88.2	88.1	87.7	87.6	89.1	90.1	91.5	93.0	94.8	96.4	97.4	96.8	95.5	92.6	89.9	133.5
.400	86.5	87.6	89.5	89.8	88.8	90.3	90.2	90.6	90.3	90.7	91.8	92.3	94.9	97.1	99.0	97.5	96.3	95.2	95.5	92.1	134.9
.500	86.1	89.3	90.5	89.3	90.3	91.3	91.1	90.9	91.7	91.5	92.9	94.2	95.6	98.4	99.5	97.0	95.8	96.0	97.0	93.5	135.5
.630	88.8	89.2	89.8	89.6	89.8	90.5	90.2	90.4	91.1	91.4	92.4	93.9	95.2	97.7	98.5	96.7	95.7	96.8	98.1	95.0	135.2
.800	88.4	89.6	90.5	90.5	90.7	89.9	90.7	90.8	91.4	92.0	92.8	94.3	96.2	97.7	97.9	95.9	96.2	97.2	98.2	95.1	135.3
1.00	89.1	90.4	91.7	91.3	91.0	91.2	91.1	90.7	91.P	91.2	92.8	94.2	95.8	96.7	96.9	95.6	95.7	97.1	97.2	94.6	135.1
1.25	91.1	91.5	93.1	93.6	92.8	93.4	92.2	92.0	95.1	93.2	93.5	94.9	97.2	96.7	97.0	95.9	97.0	99.1	99.4	96.7	136.5
1.60	87.8	90.1	92.6	92.4	91.9	91.6	91.7	91.3	91.7	92.9	93.5	94.8	95.8	95.7	95.4	94.0	94.3	95.9	95.8	93.1	134.9
2.00	88.5	91.3	93.8	92.7	92.4	92.2	92.2	91.8	92.1	93.0	94.2	95.4	95.8	95.4	95.0	93.7	94.0	95.2	95.5	92.9	135.1
2.50	89.8	91.9	94.4	93.6	95.1	93.3	93.1	92.4	92.7	93.4	94.3	95.7	96.0	95.7	94.8	93.1	93.8	95.0	95.3	92.8	135.5
3.15	89.7	92.6	95.4	94.8	94.3	93.7	93.6	93.0	93.0	93.4	94.3	95.5	95.6	95.0	94.3	92.7	93.4	94.7	95.0	92.4	135.8
4.00	91.2	93.3	95.4	95.5	94.9	94.5	94.9	93.6	94.0	94.6	95.0	95.9	95.9	94.6	93.8	92.3	92.7	93.7	93.8	91.3	136.5
5.00	87.8	90.9	94.1	94.2	94.5	94.2	94.9	94.4	94.7	95.7	95.8	96.0	96.6	94.5	93.6	92.1	92.2	92.9	92.5	90.4	136.8
6.30	85.3	89.0	92.4	92.8	92.8	93.2	94.1	93.6	93.7	94.7	94.8	94.9	95.1	93.4	92.2	90.1	90.1	91.1	91.2	88.8	136.1
8.00	83.6	86.6	90.4	90.6	90.9	91.7	92.6	92.5	92.5	94.7	94.4	94.6	93.9	92.5	91.3	88.8	88.7	89.2	89.4	86.9	136.0
10.0	80.5	83.6	87.9	88.4	88.7	89.6	90.9	91.5	92.2	94.0	93.9	94.2	94.3	94.5	93.1	89.7	88.5	88.1	87.6	85.2	136.8
12.5	75.6	80.1	84.3	84.3	85.3	85.9	87.0	87.9	88.4	90.3	89.6	90.0	89.7	88.3	87.0	84.1	83.3	82.7	82.0	79.8	134.4
16.0	75.4	74.0	78.6	79.2	79.7	81.0	82.4	83.5	84.2	86.9	86.3	85.7	85.5	85.2	83.0	79.5	78.5	77.4	75.7	74.2	132.7
20.0	64.0	67.4	72.5	73.7	73.7	75.5	76.8	77.7	79.4	82.2	81.3	80.9	79.6	80.5	78.2	74.1	72.6	70.5	69.9	69.8	131.7
																			OAPWL =		148.5
TSPL	100.8	102.5	104.7	104.4	104.3	104.4	104.6	104.3	104.9	105.6	106.1	107.1	108.0	108.5	108.9	108.3	107.9	108.0	108.1	105.7	
OSPL	100.7	102.5	104.6	104.4	104.2	104.3	104.5	104.2	104.8	105.4	105.9	106.9	107.9	108.4	108.9	108.3	107.9	108.0	108.1	105.7	
PNLT	114.2	116.1	118.3	118.1	117.8	117.7	118.0	117.4	118.9	118.5	119.0	120.0	120.6	120.4	120.2	119.1	119.3	119.0	119.9	117.5	
PNL	114.2	116.1	118.3	116.1	117.8	117.7	118.0	117.4	117.8	118.5	119.0	120.0	120.6	120.4	120.2	119.1	119.3	119.9	119.9	117.5	

CONDITION = 8383 ALTITUDE = 150. FT SIDELINE

OSPL		84.8	93.9	97.6	98.9	101.7	103.1	103.6	104.6	105.4	105.8	106.6	107.3	107.5	107.5	105.9	103.8	101.6	98.1	89.1	
PNL		97.0	107.3	111.1	113.4	115.1	116.6	116.8	117.7	118.5	118.9	119.7	120.0	119.5	118.9	116.6	115.0	113.1	109.2	99.1	
PNLT		97.0	107.3	111.1	113.4	115.1	116.6	116.8	118.8	118.5	118.9	119.7	120.0	119.5	118.9	116.6	115.0	113.1	109.2	99.1	

CONDITION = 8383 ALTITUDE = 200. FT SIDELINE

OSPL		81.6	90.4	94.6	97.6	98.9	100.3	100.7	101.8	102.5	103.0	103.8	104.5	104.8	104.9	103.2	101.2	98.9	95.3	86.2	
PNL		93.2	104.1	108.0	110.4	112.2	113.7	113.9	114.8	115.6	116.0	116.8	117.1	116.7	116.1	113.8	112.1	110.1	106.0	95.5	
PNLT		93.2	104.1	108.0	110.4	112.2	113.7	113.9	116.0	115.6	116.0	116.8	117.1	116.7	116.1	113.8	112.1	110.1	106.0	95.5	

Point No. A-19

ENGINE MODEL = -6C
ENGINE NUMBER = 704741

STAND = X-306
DATE = 10/30/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 3345
CORRECTED RPM = 3348

INLET TEMP = 58.00 F
TIME OF DAY = 1800
BARH. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = SW
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	69.5	68.4	66.9	66.9	66.5	66.4	65.1	65.0	69.0	64.5	64.0	64.1	64.2	65.1	65.0	66.1	67.1	68.4	68.6	68.9	107.3
.063	73.0	72.7	72.6	72.9	71.8	72.1	70.9	71.7	71.9	72.4	71.6	71.5	71.9	72.8	70.8	72.7	71.3	72.5	71.8	70.4	112.9
.080	67.0	68.5	66.8	66.4	64.5	64.1	63.2	64.1	65.3	63.1	61.9	63.6	61.3	63.0	61.5	65.2	65.7	67.5	67.5	66.9	105.7
.100	65.0	66.4	64.6	63.6	63.5	62.9	63.2	63.3	64.3	62.4	62.6	63.6	61.6	63.3	65.4	68.1	71.3	71.7	70.4	65.8	107.0
.125	68.3	65.6	70.1	67.4	66.5	62.9	64.9	67.4	67.9	68.4	69.8	71.0	66.8	68.2	72.7	73.9	76.8	77.2	76.1	69.6	112.3
.160	65.4	68.2	63.5	66.8	63.3	64.2	62.2	64.2	64.4	65.5	64.8	66.0	65.8	65.6	65.5	68.2	69.9	71.1	73.0	64.6	107.7
.200	65.6	66.3	65.1	65.4	63.2	63.7	64.6	64.7	64.3	63.9	64.9	65.8	65.9	67.0	66.8	70.2	72.7	75.1	77.7	67.1	109.8
.250	68.6	67.2	71.4	69.2	66.3	66.5	67.1	69.3	69.5	70.2	71.1	71.9	68.5	68.1	72.6	71.4	72.2	73.9	75.4	71.2	111.6
.315	66.9	66.4	66.9	66.7	66.7	67.0	66.9	66.7	66.1	67.9	67.7	68.4	68.3	67.7	68.5	69.2	72.6	75.3	76.5	74.2	110.6
.400	69.5	68.1	70.2	68.3	67.6	66.9	67.9	69.3	67.9	69.5	69.0	69.4	69.1	68.5	70.3	70.6	73.5	75.2	78.9	73.1	111.9
.500	67.6	66.4	68.6	67.4	67.9	67.4	67.6	68.2	68.3	67.7	67.7	68.1	66.9	67.1	68.8	69.7	73.0	75.8	79.8	73.7	111.6
.630	66.7	66.6	68.1	66.8	66.4	66.4	66.3	67.5	66.6	67.3	68.2	69.0	67.3	67.7	69.2	70.5	71.7	76.9	77.2	71.7	111.0
.800	65.7	66.5	66.6	66.7	66.4	65.8	65.2	65.3	65.1	65.5	66.2	66.9	67.3	67.8	68.3	68.8	70.2	73.8	75.0	69.1	109.3
1.00	66.4	67.6	68.9	68.3	68.2	66.4	66.8	65.9	65.8	65.7	66.8	67.4	67.8	68.2	69.5	70.2	69.5	72.9	73.7	67.2	109.8
1.25	69.1	70.1	71.5	70.1	70.1	66.6	67.3	66.5	66.6	66.2	66.7	67.6	68.3	69.8	70.7	71.4	68.8	72.3	72.6	67.5	110.4
1.60	77.3	76.6	79.6	78.2	79.2	77.0	76.3	74.1	72.5	70.2	70.4	69.9	71.1	71.7	73.3	74.0	70.5	73.3	74.3	69.3	116.1
2.00	73.3	72.4	72.3	71.0	70.7	69.6	68.3	67.6	67.2	67.7	68.2	69.1	68.5	69.8	72.0	73.3	70.9	73.1	74.4	69.0	111.8
2.50	72.1	71.6	71.9	71.3	70.3	69.3	67.6	66.6	66.6	66.2	66.6	67.8	68.8	69.8	70.4	71.8	72.5	78.5	77.4	70.7	112.7
3.15	75.5	75.8	77.3	77.6	76.7	74.8	73.1	71.7	69.5	69.4	69.1	70.9	71.7	72.6	71.9	73.2	72.3	76.2	76.5	71.8	115.3
4.00	75.6	77.3	77.7	78.1	81.2	75.7	72.6	72.1	72.4	78.3	76.3	80.5	82.2	83.6	77.0	79.5	77.0	77.8	76.2	71.3	120.2
5.00	74.5	74.6	75.5	75.6	75.5	73.6	72.0	71.3	69.6	70.3	70.6	71.8	73.2	74.4	73.5	75.4	72.0	74.2	73.0	68.5	115.4
6.30	73.1	73.6	74.4	74.7	74.2	72.4	70.2	70.1	68.2	69.6	70.6	72.1	73.5	75.6	73.3	75.3	71.3	71.6	70.2	67.2	115.3
8.00	72.8	72.9	74.2	73.2	72.6	71.1	69.6	68.4	66.9	68.2	69.6	72.4	73.2	73.8	72.4	74.4	69.1	69.0	67.9	64.3	115.0
10.0	61.5	68.3	69.5	69.6	69.7	69.4	66.7	65.9	64.6	65.1	66.7	68.8	69.2	70.3	70.0	70.9	66.2	64.4	63.1	59.8	113.1
12.5	63.8	64.2	65.3	64.6	64.4	63.4	61.7	61.0	59.5	60.3	62.1	64.9	65.7	66.0	65.9	66.8	62.2	59.9	57.9	54.2	110.4
16.0	58.2	57.5	59.6	58.3	57.4	57.1	55.8	54.7	53.5	54.7	56.6	58.7	58.9	59.7	59.5	60.4	55.9	52.8	51.4	49.5	106.5
20.0	54.7	52.4	55.9	54.1	52.6	52.6	5.5	52.6	53.1	54.0	55.2	56.4	54.1	55.3	57.5	56.5	54.9	51.8	53.7	53.3	107.8
																				OAPWL =	127.2
TSPL	85.3	85.3	86.6	86.1	86.6	84.4	83.0	82.6	82.1	83.2	83.0	84.9	85.7	86.8	85.0	86.5	85.8	88.1	88.9	83.7	
OSPL	85.3	85.3	86.5	86.6	86.6	86.4	83.0	82.6	82.1	83.2	83.0	84.9	85.6	86.8	84.9	86.4	85.8	88.1	88.9	83.7	
PNLT	100.6	100.8	102.1	102.4	104.1	100.6	98.9	97.8	97.0	100.9	99.4	102.0	104.3	105.6	100.4	102.6	100.8	102.2	101.4	96.5	
PNL	98.5	99.2	100.0	99.9	101.2	98.0	96.1	95.5	95.1	98.1	97.3	100.0	101.0	102.2	99.0	100.8	99.2	101.0	100.8	95.7	
			CONDITION = 3346						ALTITUDE = 150. FT SIDELINE												
OSPL		67.2	75.8	79.1	82.2	81.8	81.6	82.0	81.9	83.3	82.8	84.6	85.0	85.8	83.6	83.9	81.7	81.7	79.0	67.3	
PNL		79.4	88.9	92.8	96.8	95.3	94.7	94.9	95.0	98.1	97.1	99.7	100.4	101.2	97.5	98.2	94.8	94.1	90.1	76.9	
PNLT		81.2	91.4	95.4	99.7	98.0	97.5	97.2	96.9	100.9	99.3	102.7	103.7	104.6	99.0	99.9	96.4	95.4	90.7	77.7	
			CONDITION = 3346						ALTITUDE = 200. FT SIDELINE												
OSPL		64.0	72.6	76.2	79.3	79.0	78.9	79.3	79.2	80.5	80.1	81.7	82.2	82.9	80.8	81.0	79.0	78.9	76.3	64.4	
PNL		75.4	85.5	89.7	93.7	92.4	91.8	92.0	92.1	95.2	94.3	96.8	97.5	98.3	94.6	95.2	91.8	91.2	86.9	73.2	
PNLT		77.0	88.1	92.2	96.7	95.0	94.7	94.4	94.6	98.0	96.4	99.8	100.8	101.7	96.1	97.0	93.4	92.5	87.6	73.9	

Point No. A-20

ENGINE MODEL = -06
ENGINE NUMBER = 704741
STAND = X-368
DATE = 10/31/74

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 4184
CORRECTED RPM = 4188

INLET TEMP = 58.00 F
TIME OF DAY = 1822
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	C.	MICROPHONE ANGLES IN DEGREES 10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	72.1	69.9	68.6	68.4	68.5	68.7	67.8	67.3	69.4	66.7	67.2	66.8	67.5	68.0	68.5	69.4	70.9	72.0	72.3	73.2	109.9
.063	73.5	73.9	72.5	75.9	73.1	72.8	71.6	72.3	72.4	73.0	72.5	72.0	72.5	73.0	71.8	73.3	73.1	74.2	73.5	73.0	113.8
.080	71.1	71.4	70.4	69.5	68.9	67.7	67.5	67.1	67.1	66.4	66.2	66.4	65.7	65.9	66.2	69.2	69.8	71.7	71.5	71.1	109.3
.100	68.6	68.9	68.4	66.7	67.6	66.3	66.8	65.6	66.1	65.1	65.9	65.5	65.1	65.6	66.9	69.6	72.9	73.4	72.7	70.3	109.3
.125	71.1	70.9	73.0	69.7	68.3	65.1	67.4	68.5	69.3	70.3	72.2	72.2	69.3	69.5	72.7	74.3	78.3	79.0	77.8	72.2	113.8
.160	68.1	68.0	65.9	66.3	65.8	65.4	65.4	66.4	66.9	67.2	68.6	68.7	68.8	68.5	69.1	71.9	73.4	74.7	76.3	67.9	110.6
.200	69.3	69.3	68.3	68.5	67.6	67.9	68.1	67.9	67.8	67.5	68.6	68.9	69.7	70.1	70.6	73.6	76.2	78.6	81.0	70.0	113.2
.250	71.9	71.3	73.1	71.6	68.9	69.2	69.7	70.7	71.8	71.9	72.3	73.0	71.1	71.0	74.3	73.8	75.1	77.5	78.6	72.8	114.0
.315	71.6	71.2	69.9	69.9	70.9	71.8	71.3	70.4	70.1	71.6	71.7	72.2	72.5	71.6	73.0	73.5	75.6	78.6	81.3	75.5	114.5
.400	72.7	71.5	72.5	72.2	72.2	72.7	72.2	72.5	72.3	73.0	72.4	73.1	72.9	72.4	73.6	74.1	77.2	79.7	83.4	75.8	115.9
.500	72.9	71.8	72.4	71.1	72.1	71.9	71.9	72.6	73.1	72.4	71.9	72.2	71.8	71.8	72.6	73.8	76.6	80.1	84.9	76.8	116.1
.630	70.9	70.6	71.0	70.8	71.0	71.4	70.8	71.9	70.6	70.8	71.4	72.1	71.8	71.9	73.1	74.1	75.6	81.2	82.0	75.3	115.2
.800	69.6	70.2	69.8	70.2	70.4	69.6	69.6	69.8	68.8	69.3	70.4	70.8	71.6	72.2	72.8	72.6	74.7	79.8	80.2	73.2	113.9
1.00	68.2	69.8	70.2	70.1	70.5	70.6	70.0	69.2	69.0	69.0	70.2	70.9	71.5	71.8	72.7	72.4	72.7	77.7	78.2	72.4	113.1
1.25	70.1	71.6	72.5	71.4	71.3	70.6	69.7	69.4	69.5	69.8	70.3	71.1	71.7	72.5	73.6	72.4	72.2	77.0	77.0	71.5	113.2
1.60	73.8	73.7	73.7	73.6	72.9	72.2	71.8	71.0	71.0	71.1	71.8	72.4	73.3	74.3	75.5	73.6	72.5	77.4	78.1	72.7	114.7
2.00	84.9	84.4	84.3	82.6	82.7	81.2	79.6	78.1	75.9	74.4	74.7	74.7	74.8	74.7	77.3	76.7	74.2	76.9	78.0	72.2	120.2
2.50	74.8	74.9	75.6	74.8	74.5	72.9	72.1	71.9	71.9	70.7	72.6	73.5	74.5	74.7	75.7	74.8	73.2	76.3	77.3	72.3	115.4
3.15	75.1	75.7	75.9	76.0	75.8	74.1	73.2	72.6	72.0	72.0	73.7	74.3	74.9	75.7	76.9	74.9	76.9	82.4	81.3	76.1	117.6
4.00	80.4	80.7	80.2	80.2	80.4	79.6	77.9	76.1	75.3	75.0	76.6	77.8	79.1	78.2	79.2	77.8	78.2	82.4	80.7	75.5	120.7
5.00	79.1	83.4	86.7	82.9	81.5	78.1	77.1	78.4	76.6	78.7	81.0	84.9	87.2	81.7	85.0	85.3	82.7	85.5	83.3	76.4	124.9
6.30	76.7	77.7	78.1	78.6	80.0	78.9	79.8	77.4	76.0	76.0	77.5	78.6	80.7	79.2	79.5	77.4	74.8	75.9	74.6	71.0	120.9
8.00	75.4	75.9	76.3	76.2	77.2	76.1	75.9	74.6	73.6	74.9	79.0	80.6	83.9	78.6	79.0	76.4	73.6	73.8	73.1	69.8	121.0
10.0	72.6	73.3	74.2	74.3	75.1	73.4	72.3	71.6	71.2	72.2	74.5	75.7	76.4	77.2	77.4	75.2	71.7	70.4	69.5	66.1	119.1
12.5	68.0	69.3	70.1	69.5	71.4	69.5	69.0	67.7	67.2	68.1	70.9	72.2	73.1	72.5	73.1	71.3	67.6	65.6	63.9	60.0	117.0
16.0	62.4	62.9	64.0	63.7	64.2	62.9	62.7	61.0	61.0	62.3	65.2	66.4	66.5	66.5	66.8	65.2	61.7	58.8	56.1	53.1	113.1
20.0	57.3	56.3	58.5	57.8	57.4	56.9	56.8	55.6	56.5	57.9	60.2	61.1	60.2	61.2	62.1	60.0	57.4	52.8	54.0	53.1	112.0
																			OAPWL =		131.5
TSPL		89.5	91.1	91.1	89.5	89.5	88.2	87.5	86.8	86.0	86.3	87.9	89.6	91.2	88.8	90.3	89.9	89.6	92.7	93.3	87.2
OSPL		89.4	90.0	91.0	89.5	89.4	88.1	87.4	86.7	85.9	86.2	87.7	89.4	91.2	88.6	90.2	89.8	89.5	92.7	93.3	87.2
PNLT		106.7	107.1	108.7	106.1	106.6	104.6	103.3	102.4	100.6	101.1	103.0	106.2	108.1	103.6	106.6	107.1	105.4	108.5	107.6	100.8
PNL		103.2	103.7	105.5	103.3	103.0	101.7	100.7	100.2	99.1	100.0	101.7	104.0	105.6	102.6	104.7	104.6	103.4	106.4	105.7	99.8
				CONDITION = 4188							ALTITUDE = 150. FT SIDELINE										
OSPL			71.6	79.9	82.5	85.0	85.5	86.0	86.1	85.8	86.2	87.6	89.1	90.5	87.4	88.7	87.1	85.3	86.1	83.2	70.4
PNL			84.8	94.0	96.2	96.5	99.1	99.3	99.5	98.9	100.9	101.6	103.7	105.0	101.6	103.3	101.9	98.9	99.3	94.5	80.9
PNLT			88.2	97.2	99.0	101.5	102.0	101.6	101.8	100.4	101.1	102.9	105.9	107.5	103.6	105.7	104.5	101.0	101.5	96.5	81.4
				CONDITION = 4188							ALTITUDE = 200. FT SIDELINE										
OSPL			66.2	76.7	79.4	82.0	82.6	83.1	83.3	83.0	83.4	84.7	86.1	87.5	84.7	85.8	84.2	82.5	83.2	80.6	67.5
PNL			81.0	90.4	92.9	93.4	96.1	96.4	96.6	96.1	97.1	98.7	100.8	102.1	98.7	100.4	98.9	95.9	96.1	91.3	77.1
PNLT			84.5	93.6	95.7	98.4	99.0	98.9	98.9	97.5	98.3	100.0	102.0	104.5	99.7	102.3	101.5	98.8	98.4	93.4	77.6

Point No. A21

ENGINE MODEL = -D6
ENGINE NUMBER = 704741

STAND = X-39E
DATE = 10/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5260
CORRECTED RPM = 5260

INLET TEMP = 59.00 F
TIME OF DAY = 1834
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.2	73.1	71.5	72.5	71.9	72.4	70.6	71.8	72.1	71.7	71.8	72.0	71.8	72.4	72.3	73.5	75.5	76.2	77.0	79.1	114.0
.063	77.2	75.7	74.7	76.0	74.2	74.6	72.6	74.1	73.8	74.6	73.4	73.5	73.6	74.7	73.0	75.4	76.0	77.3	76.8	77.3	115.6
.080	78.2	74.2	73.3	73.3	72.6	71.5	71.6	71.4	70.7	70.6	70.5	70.3	69.8	70.1	70.9	73.5	74.4	76.3	76.1	76.9	113.5
.100	75.8	72.5	71.9	71.1	71.2	70.3	69.9	70.1	69.7	69.8	69.6	69.2	69.4	69.9	70.4	73.4	75.9	76.2	76.7	76.2	112.9
.125	77.1	74.2	76.7	76.6	72.5	71.5	71.0	72.1	72.7	73.2	73.2	73.5	71.9	72.9	74.9	75.9	79.6	79.7	79.9	77.0	116.1
.160	74.9	72.4	73.0	73.0	70.1	70.1	69.8	71.0	70.9	71.3	72.2	73.1	72.6	73.2	73.8	76.5	78.0	78.6	79.2	75.6	114.9
.200	75.3	73.5	72.9	72.6	71.9	72.2	72.1	72.4	71.5	71.9	72.2	73.0	73.4	74.5	74.5	78.1	80.4	82.4	83.9	76.8	117.1
.250	76.8	75.2	75.5	74.1	72.6	73.3	73.2	74.3	74.6	74.4	74.3	75.1	73.9	75.1	76.7	77.6	79.2	81.6	82.6	78.2	117.6
.315	76.5	74.9	73.5	74.2	75.3	75.7	74.7	75.3	74.3	76.1	76.1	77.1	76.4	76.5	77.0	78.0	79.7	81.8	85.6	80.9	118.6
.400	78.7	75.6	75.8	76.6	75.4	77.4	76.3	77.8	75.9	77.4	77.1	78.0	77.1	77.0	77.7	78.4	79.9	82.8	87.1	81.8	119.8
.500	78.4	76.1	77.3	76.0	76.6	76.9	76.6	76.0	77.6	77.6	76.6	76.6	76.5	76.8	76.9	78.3	79.8	84.4	88.7	83.9	120.5
.630	76.9	75.2	76.0	75.3	75.5	76.4	75.8	77.3	75.8	75.8	75.8	76.5	76.6	77.1	77.6	78.9	80.2	84.7	86.9	83.5	119.8
.800	74.8	73.8	73.5	74.1	74.8	74.7	74.3	74.4	73.3	74.0	74.8	75.9	76.3	77.4	77.3	77.6	79.2	84.0	85.0	80.9	118.6
1.00	74.0	73.3	73.8	73.7	74.4	74.7	74.6	74.7	74.3	74.4	75.4	76.1	76.5	76.8	77.0	76.7	77.5	82.5	83.1	79.8	117.9
1.25	74.7	74.6	74.9	74.4	74.5	74.6	74.0	74.3	74.2	74.8	75.2	76.1	76.2	77.2	77.4	75.5	76.5	81.5	82.4	78.4	117.6
1.60	75.7	75.0	75.7	75.5	74.9	75.0	74.9	75.0	74.8	75.4	75.8	76.9	77.3	78.8	78.8	76.1	76.5	81.5	82.9	78.2	118.3
2.00	79.0	77.8	77.5	77.3	77.5	77.8	76.4	76.7	76.0	76.3	77.4	77.9	78.1	79.9	79.8	77.3	77.4	81.4	83.0	78.9	119.5
2.50	87.8	85.9	86.2	86.0	87.5	86.8	85.1	84.2	81.8	80.1	79.3	80.1	80.0	80.8	81.1	78.1	76.9	80.0	81.2	77.3	124.8
3.15	70.5	77.6	77.8	78.2	78.2	77.6	76.9	77.9	77.4	77.8	79.6	80.6	81.3	82.5	81.8	78.1	76.7	79.5	80.7	76.7	120.8
4.00	80.8	79.5	78.7	79.4	78.6	78.3	77.6	78.1	78.1	79.0	81.2	82.5	82.6	83.0	83.5	80.1	80.5	85.2	84.1	81.2	122.9
5.00	83.9	82.6	84.5	83.3	84.2	83.4	82.6	82.7	82.1	82.9	84.5	87.4	87.1	85.8	86.9	83.2	81.4	83.7	82.2	78.0	126.3
6.30	84.0	83.0	82.7	83.4	83.6	81.4	80.6	82.0	81.6	84.2	87.3	90.1	92.3	89.8	94.1	91.1	85.9	85.9	84.3	79.3	130.4
8.00	80.4	78.8	79.1	80.5	81.5	80.8	79.5	80.3	79.1	80.9	82.7	85.1	84.4	84.0	84.3	80.7	76.6	75.5	74.6	71.8	126.4
10.0	77.9	76.1	76.6	77.5	78.8	78.2	77.1	78.8	78.6	80.4	83.1	87.8	85.7	84.3	84.5	80.7	76.6	75.5	74.6	71.8	126.4
12.5	73.9	73.3	73.7	73.6	74.8	74.6	72.9	73.8	73.5	75.3	77.5	79.5	80.0	79.7	80.0	76.1	72.1	71.8	69.7	66.0	123.0
16.0	66.3	66.6	67.5	68.3	69.0	68.8	67.6	68.0	68.1	70.1	72.7	74.4	73.8	73.8	73.9	71.2	65.9	64.7	62.0	59.3	119.8
20.0	62.2	59.9	61.2	61.7	61.7	62.3	61.2	61.0	62.2	64.8	67.2	68.7	67.6	68.7	69.1	65.4	61.1	58.6	57.3	55.5	118.2
																			OAPWL =		136.3
TSPL	93.6	91.9	92.6	94.3	92.8	92.2	91.2	91.6	90.8	91.7	93.2	95.6	96.0	95.0	97.0	94.5	93.0	95.7	97.0	93.1	
OSPL	93.5	91.8	92.0	93.2	92.7	92.1	91.1	91.5	90.7	91.6	93.1	95.4	95.8	94.8	96.9	94.4	93.0	95.6	97.0	93.1	
PNLT	110.9	108.9	109.2	109.1	110.3	109.8	108.2	107.7	105.8	106.0	107.5	109.6	111.1	109.7	112.7	110.4	107.5	109.8	109.6	106.5	
PNL	107.9	106.1	106.3	106.4	107.1	106.6	105.4	105.4	104.1	105.0	106.9	109.0	110.0	108.9	111.3	108.9	106.4	108.6	108.7	105.2	

CONDITION = 5260 ALTITUDE = 150. FT SIDELINE

OSPL		73.5	81.1	85.2	88.3	89.5	89.7	90.9	90.5	91.6	92.9	95.1	95.2	93.8	95.4	91.7	88.7	89.1	87.0	76.6	
PNL		87.3	95.5	99.5	102.8	104.0	104.0	104.8	104.0	105.0	106.7	108.6	109.4	107.9	109.8	106.1	101.8	101.6	97.8	85.9	
PNLT		94.1	98.3	102.3	106.0	107.2	106.8	107.1	105.7	106.0	107.3	109.3	110.5	108.7	111.2	107.7	103.0	102.8	98.7	87.1	

CONDITION = 5260 ALTITUDE = 200. FT SIDELINE

OSPL		78.3	78.0	82.2	85.3	86.6	86.9	88.1	87.7	88.6	89.9	91.9	92.1	90.8	92.2	88.7	85.9	86.3	84.3	73.7	
PNL		83.5	92.2	96.5	99.9	101.1	101.2	102.0	101.1	102.0	103.7	105.6	106.3	104.9	106.7	103.0	98.7	98.5	94.5	82.0	
PNLT		86.3	95.1	99.2	103.1	104.3	104.0	104.3	102.8	103.1	104.4	106.3	107.4	105.7	108.2	104.6	99.8	99.7	95.4	83.1	

Point No. A-22

ENGINE MODEL = -00
ENGINE NUMBER = 7C4741

STAND = X-3CB
DATE = 10/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5857
CORRECTED RPM = 5857

INLET TEMP = 59.00 F
TIME OF DAY = 1848
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	75.2	73.7	72.8	72.0	73.2	73.7	73.0	72.4	72.5	72.0	72.3	72.9	73.0	73.3	74.1	75.6	77.4	77.8	78.6	80.7	115.3
.063	75.9	75.9	75.7	75.6	75.1	74.7	74.7	74.2	74.8	75.2	74.8	74.7	74.8	75.9	74.7	76.9	77.5	78.3	78.1	79.6	116.7
.080	76.2	74.7	74.0	73.4	73.0	71.8	72.5	71.3	71.1	70.0	70.7	70.8	70.8	71.7	73.1	75.4	76.8	77.9	78.0	79.1	114.6
.100	74.6	73.6	73.1	71.9	72.9	72.2	72.5	70.7	71.4	71.5	71.6	71.2	71.8	72.4	73.4	75.6	78.0	77.8	78.2	78.4	114.8
.125	75.4	74.8	76.0	73.7	71.6	71.4	71.7	72.1	73.3	73.0	73.4	74.2	73.5	74.5	76.2	77.0	80.3	80.4	80.0	78.2	116.5
.160	75.1	75.1	75.5	73.6	71.1	71.8	71.7	72.5	73.1	72.8	74.0	74.9	74.9	75.7	76.9	79.2	80.3	80.7	80.3	76.9	117.0
.200	74.6	74.4	73.9	73.4	73.3	73.6	74.0	73.4	73.2	73.3	74.1	75.0	75.8	76.8	77.9	81.2	83.3	84.4	84.8	77.3	119.1
.250	76.6	76.6	76.2	75.2	74.3	74.6	75.0	75.6	75.9	75.1	75.8	76.2	75.9	77.3	78.7	80.2	82.4	83.4	83.6	78.5	119.1
.315	77.1	77.1	75.3	75.6	76.9	77.2	76.7	76.7	76.2	77.5	77.8	78.5	78.2	78.5	79.3	80.2	82.1	83.9	86.1	80.1	120.3
.400	78.4	77.2	78.2	77.6	77.9	78.8	76.6	79.3	78.1	79.1	79.4	80.2	79.6	79.6	80.3	81.0	82.3	84.7	88.4	81.7	121.7
.500	78.7	78.0	79.0	77.8	79.2	79.4	79.3	79.6	79.8	79.1	78.6	78.5	78.7	79.4	80.1	80.5	81.9	85.9	99.8	82.9	122.2
.630	77.4	77.5	78.0	77.4	77.9	79.0	78.7	79.2	78.2	78.2	78.3	78.9	79.4	79.8	80.6	81.4	82.7	85.9	88.4	82.6	121.9
.800	75.4	75.4	75.3	75.7	76.9	76.7	76.6	76.8	76.1	76.5	77.7	78.4	79.1	80.1	80.1	80.0	81.7	85.4	86.2	80.9	120.6
1.00	74.1	75.2	75.8	75.5	76.4	77.1	76.8	76.7	76.8	76.2	77.2	78.3	78.6	79.2	79.4	78.2	80.5	84.5	84.8	79.9	120.0
1.25	74.5	75.2	76.3	75.4	76.4	76.4	76.4	76.5	76.9	77.1	77.8	78.6	78.9	79.4	79.9	77.5	79.5	83.8	84.0	78.8	119.8
1.60	75.6	76.1	76.7	76.4	76.4	76.6	76.7	76.7	77.1	77.5	77.9	78.7	79.9	80.8	80.8	77.7	79.0	83.5	84.0	79.0	120.1
2.00	76.4	77.7	77.3	77.4	77.7	77.6	77.5	78.0	77.9	78.1	79.1	79.5	80.6	81.8	81.7	78.5	80.0	83.6	83.9	79.7	121.0
2.50	85.6	87.0	87.1	86.4	87.4	87.9	87.6	87.4	85.2	85.0	83.0	82.4	83.1	83.4	83.4	79.4	79.7	82.3	82.5	78.1	126.6
3.15	80.3	81.4	81.7	81.3	81.9	82.0	82.0	82.3	81.3	81.5	83.9	83.1	84.0	84.3	84.4	80.0	79.7	81.4	81.6	77.0	123.9
4.00	78.4	79.5	79.1	79.4	79.2	79.2	78.9	79.6	80.7	81.9	84.1	84.4	85.1	85.1	85.5	80.4	80.8	83.1	82.0	74.5	124.2
5.00	81.6	82.7	82.5	82.9	84.6	85.1	83.9	84.1	83.3	84.1	85.6	86.8	86.7	86.8	87.4	82.9	81.6	83.9	82.0	78.6	126.9
6.30	85.9	82.5	82.3	82.7	83.6	83.4	82.6	83.8	89.7	96.7	99.6	91.1	93.7	92.6	92.5	93.5	88.4	89.0	85.0	79.5	131.7
8.00	78.6	79.9	80.2	80.7	81.6	81.6	80.6	81.1	81.3	83.6	86.7	86.8	87.2	88.0	87.9	82.0	79.8	78.8	76.2	73.1	128.9
10.0	76.5	77.1	77.7	78.4	79.8	79.4	78.7	80.6	80.9	84.6	88.0	88.5	87.2	88.0	87.9	82.0	79.8	78.8	76.2	73.1	128.9
12.5	73.0	74.5	74.7	74.2	75.6	75.3	74.7	75.5	76.1	78.9	81.2	82.3	82.7	81.9	82.2	78.9	74.9	74.1	71.2	66.8	125.4
16.0	67.2	67.9	68.8	69.3	69.9	70.0	69.3	69.7	70.7	73.6	76.0	76.7	76.8	76.4	76.8	73.2	68.7	67.4	63.6	60.1	122.3
20.0	61.5	61.5	61.6	62.4	63.5	64.2	63.7	63.5	65.3	68.6	71.2	71.9	71.2	71.9	72.1	68.2	63.9	61.1	59.0	57.6	121.4
																			OAPNL =	138.1
TSPL	92.2	92.9	93.0	92.7	93.5	93.6	93.4	93.6	93.1	94.0	95.9	96.0	97.7	97.5	97.7	96.8	95.4	97.3	98.0	93.3	
OSPL	92.2	92.8	92.9	92.6	93.4	93.7	93.3	93.5	93.0	93.8	95.7	96.5	97.6	97.3	97.5	96.7	95.3	97.3	98.0	93.2	
PNLT	108.9	109.7	109.9	109.8	110.2	110.7	110.3	109.9	108.6	108.4	110.0	111.0	112.8	112.4	112.4	112.6	109.9	111.4	109.8	104.9	
PNL	106.4	107.2	107.3	106.9	107.7	108.0	107.7	107.6	106.8	107.3	109.3	110.3	111.8	111.4	111.4	111.1	108.8	110.3	109.0	104.9	

CONDITION = 5857 ALTITUDE = 150. FT SIDELINE

OSPL		74.8	82.2	85.7	88.0	91.1	91.9	92.9	92.8	93.8	95.6	96.2	96.9	96.3	96.0	94.0	91.1	90.7	88.1	76.8
PNL		88.5	96.5	100.1	103.4	105.4	106.3	107.0	106.6	107.3	109.2	109.9	111.1	110.4	110.1	108.3	104.2	103.1	97.9	85.7
PNLT		91.0	99.0	102.4	105.9	108.2	108.9	109.3	108.5	108.4	109.8	110.7	112.2	111.4	110.9	109.8	105.4	104.2	98.8	85.7

CONDITION = 5857 ALTITUDE = 200. FT SIDELINE

OSPL		71.5	79.1	82.7	86.1	88.2	89.1	90.0	91.0	90.9	92.5	93.1	93.8	93.2	92.9	90.9	88.2	87.9	85.3	74.0
PNL		84.8	93.3	97.0	100.5	102.6	103.5	104.2	103.8	104.4	106.2	106.9	108.1	107.4	107.0	105.2	101.1	99.8	94.8	82.2
PNLT		87.3	95.8	99.4	103.0	105.3	106.1	106.5	105.7	105.4	106.8	107.7	109.2	108.3	107.9	106.7	102.2	100.9	95.7	82.2

Point No. A-23

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 10/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6694
CORRECTED RPM = 6694

INLET TEMP = 59.00 F
TIME OF DAY = 1915
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.2	74.6	74.0	74.6	75.3	75.6	74.2	74.4	73.7	73.3	73.8	74.7	74.7	76.3	76.9	79.1	79.9	80.4	80.4	80.9	117.4
.063	76.3	76.5	76.5	76.8	76.6	75.9	74.3	75.2	74.5	75.9	74.8	75.0	75.6	77.2	76.9	79.6	80.4	80.8	79.8	79.6	118.0
.080	76.3	76.8	75.6	75.3	74.0	73.9	73.2	73.4	71.6	72.4	71.7	73.4	72.6	74.9	76.0	78.8	79.8	81.0	80.8	79.4	116.9
.100	76.1	76.1	74.7	73.2	73.4	72.6	72.5	72.1	72.3	72.8	73.3	74.0	74.2	75.6	77.2	79.6	80.4	80.3	81.0	79.2	117.1
.125	76.1	74.8	75.3	73.2	72.5	71.3	71.9	72.9	74.1	74.4	75.7	76.6	76.1	77.4	79.2	80.2	82.6	82.1	82.1	80.1	118.4
.160	75.0	75.3	74.2	73.9	72.2	72.8	73.6	73.9	74.2	74.9	76.9	77.5	77.6	78.7	80.3	82.2	83.2	82.6	82.7	79.8	119.3
.200	76.6	76.5	76.4	76.1	75.5	75.5	76.0	75.8	75.8	75.7	77.0	77.9	79.0	80.2	81.9	84.8	85.8	85.8	87.1	80.7	121.7
.250	78.7	79.1	78.6	77.6	76.8	76.7	76.7	77.6	78.2	77.4	78.3	78.6	79.0	80.4	82.1	84.1	84.7	85.5	86.0	82.5	121.8
.315	79.0	79.4	78.2	78.9	79.3	79.6	79.3	79.4	78.6	79.5	80.7	81.1	80.7	81.5	83.0	83.8	84.7	86.1	88.6	84.7	123.0
.400	80.5	79.4	80.9	80.1	80.3	81.6	81.2	81.8	81.6	81.5	82.0	82.5	82.3	82.8	84.4	84.7	84.7	86.9	90.1	86.1	124.4
.500	81.4	81.9	82.8	81.1	82.7	82.9	81.7	83.1	82.1	81.8	81.7	81.8	82.2	83.5	84.3	83.9	84.8	87.7	90.9	88.1	124.9
.630	80.3	80.8	81.5	80.9	81.4	82.7	81.9	82.4	82.6	80.9	82.1	82.2	82.3	84.0	85.3	84.8	84.7	87.7	90.0	87.7	124.8
.800	78.1	78.8	78.6	79.0	80.1	80.2	79.8	80.2	80.2	80.2	81.5	82.4	83.1	84.4	84.7	82.7	84.5	87.6	88.6	86.8	123.9
1.00	78.7	78.1	79.2	78.7	79.7	80.2	80.1	80.3	80.6	79.8	81.0	82.1	82.8	83.9	83.8	81.5	83.2	86.8	87.0	85.3	123.2
1.25	76.8	77.7	77.1	76.6	77.5	79.2	79.8	80.1	80.7	80.7	81.7	82.4	82.7	84.0	83.4	80.6	82.6	86.4	86.5	84.5	123.1
1.60	77.3	78.3	79.6	79.3	79.4	79.6	79.6	80.0	80.7	80.9	81.4	82.1	83.3	84.5	83.7	80.6	81.9	85.8	86.1	84.4	123.1
2.00	78.1	79.4	79.7	79.8	80.2	79.5	80.0	80.9	81.2	81.2	82.4	82.7	84.2	85.3	84.0	80.8	82.0	85.4	85.7	83.6	123.6
2.50	79.9	81.5	81.0	80.6	81.2	81.2	81.8	82.1	82.9	82.3	83.7	84.4	85.8	86.5	84.3	81.0	82.7	85.6	86.5	84.1	124.8
3.15	87.4	89.9	88.7	89.0	90.9	89.8	91.1	90.4	90.1	87.8	88.3	88.9	88.3	89.0	86.4	83.0	82.4	84.0	84.2	82.2	130.4
4.00	78.9	80.2	81.0	81.0	81.3	81.5	82.4	84.1	87.0	88.1	88.6	89.6	90.0	90.4	88.2	84.3	83.4	84.2	83.6	81.7	128.4
5.00	81.2	82.2	82.6	81.6	82.4	81.7	82.7	84.3	86.4	87.4	89.0	89.7	89.8	90.3	88.3	84.7	84.1	85.3	85.5	83.3	128.7
6.30	84.0	85.4	85.0	84.9	86.6	86.2	85.8	86.6	87.2	88.6	90.4	91.5	90.7	91.2	89.3	85.6	83.8	85.5	84.1	80.9	130.7
8.00	79.8	81.2	81.3	80.4	81.5	81.4	82.8	84.6	87.4	89.7	92.7	92.8	92.6	94.4	91.8	90.4	86.9	87.8	86.4	82.3	133.6
10.0	77.9	79.1	79.6	79.9	81.8	82.7	80.7	82.4	84.0	86.0	87.5	88.4	88.1	88.5	86.8	82.9	80.3	79.5	78.0	76.6	129.6
12.5	73.1	75.3	75.7	75.2	77.3	76.6	77.2	79.7	81.5	84.1	85.6	86.2	87.5	86.8	85.4	81.5	78.9	78.2	75.2	72.7	129.5
16.0	68.1	69.2	69.9	70.0	71.0	70.5	71.2	73.3	75.3	77.7	79.9	80.4	80.4	81.7	78.8	75.3	71.8	70.3	67.2	65.4	125.7
20.0	62.1	62.9	63.7	64.2	64.7	64.9	65.6	67.2	70.1	72.0	75.4	75.5	75.3	77.2	74.1	70.2	66.7	63.8	61.9	60.4	125.0
																				OAPNL =	140.6
TSPL	93.7	95.0	94.6	94.6	95.7	95.4	95.8	96.3	97.0	97.5	99.1	99.6	100.5	101.3	99.2	97.5	97.3	99.1	100.1	97.5	
OSPL	93.7	94.9	94.7	94.5	95.6	95.3	95.7	96.1	96.8	97.3	98.8	98.4	100.2	101.0	99.0	97.4	97.3	99.1	100.1	97.4	
PNLT	111.0	113.0	112.1	112.2	114.0	113.9	113.9	113.4	113.6	111.2	112.3	112.4	114.1	115.1	112.6	110.8	110.0	111.7	112.3	109.5	
PNL	108.3	110.3	109.5	109.5	110.7	110.1	110.9	111.0	111.3	110.7	111.6	112.4	113.1	114.0	112.0	109.8	109.2	110.8	111.4	108.9	

CONDITION = 6694 ALTITUDE = 150. FT SIDELINE

OSPL	76.8	84.6	87.7	91.3	92.7	94.3	95.5	96.7	97.3	98.6	99.0	99.6	100.0	97.5	94.8	93.1	92.5	90.1	80.9	
PNL	90.9	98.5	102.6	106.4	107.5	109.5	110.4	111.1	110.7	111.9	112.0	112.4	113.0	110.6	107.0	104.8	104.0	100.7	90.5	
PNLT	94.6	101.1	105.3	109.6	110.4	112.5	112.6	112.9	111.2	112.1	112.0	113.5	114.1	111.2	108.0	105.6	104.9	101.7	91.0	

CONDITION = 6694 ALTITUDE = 200. FT SIDELINE

OSPL	73.1	81.6	84.7	88.4	89.8	91.5	92.7	93.8	94.3	95.6	95.9	96.5	96.9	94.6	91.9	90.3	89.8	87.4	78.0	
PNL	87.6	95.2	99.3	103.5	104.7	106.7	107.5	108.3	107.8	108.6	109.2	109.4	109.8	107.7	103.8	101.8	101.0	97.6	86.9	
PNLT	90.2	97.9	102.3	106.7	107.5	109.7	110.0	110.1	108.3	109.2	109.2	110.4	111.0	108.3	104.9	102.6	102.0	98.3	88.0	

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. A-24

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-306
DATE = 10/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7530
CORRECTED RPM = 7530

INLET TEMP = 59.00 F
TIME OF DAY = 1930
BARH. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	77.8	76.2	76.3	76.7	77.6	77.5	76.1	76.2	75.4	75.5	76.6	77.8	78.0	78.6	80.1	82.2	83.1	84.0	83.6	83.7	120.2
.063	77.9	77.4	77.7	77.7	77.4	76.8	76.4	76.6	76.1	77.0	76.6	76.6	78.1	79.4	79.9	82.8	83.9	83.6	82.6	82.1	120.4
.080	81.4	77.2	77.6	76.6	76.9	75.4	75.7	74.8	74.2	74.1	74.7	75.4	76.3	78.1	80.3	82.7	83.6	84.0	83.1	82.1	119.9
.100	78.2	76.6	76.2	75.0	75.2	74.6	74.1	73.8	73.8	74.1	75.0	75.9	76.9	78.4	79.5	82.5	83.9	83.4	82.7	81.2	119.5
.125	77.4	76.6	76.2	75.4	74.7	74.2	73.9	75.4	76.7	76.9	78.3	79.1	79.2	80.8	81.8	83.6	84.7	84.8	84.5	81.6	121.0
.160	76.8	76.1	76.1	75.3	75.0	74.7	75.4	76.4	77.0	77.9	79.7	80.7	81.2	82.7	84.5	86.2	86.5	85.0	84.1	80.6	122.4
.200	79.2	78.7	78.7	78.0	78.0	77.9	78.2	78.1	78.5	79.0	80.3	81.3	82.5	84.1	86.0	89.6	89.4	88.0	87.7	80.6	125.0
.250	80.8	81.1	80.6	80.1	79.4	79.0	79.0	80.3	81.2	80.6	81.1	81.8	82.6	84.7	86.0	89.0	89.1	88.0	89.0	82.0	125.3
.315	81.4	81.4	80.8	81.0	81.9	82.3	82.1	81.8	81.8	83.2	83.6	84.1	84.3	85.3	86.3	88.2	88.4	89.5	89.7	83.6	126.0
.400	83.1	81.7	83.3	82.8	82.6	83.9	84.2	84.6	84.0	84.7	85.4	85.6	86.0	87.0	87.8	88.3	87.7	89.5	92.3	85.3	127.3
.500	83.4	84.2	82.1	83.7	84.9	84.9	85.0	85.7	85.7	85.2	85.7	85.8	86.5	87.8	88.7	87.4	88.1	90.4	93.3	86.3	128.0
.630	83.2	83.7	83.6	83.2	84.3	84.6	84.4	84.7	84.1	84.5	85.2	85.8	86.4	87.8	88.7	87.0	87.9	90.8	93.0	86.4	127.7
.800	81.4	82.0	82.6	82.3	83.2	83.4	83.1	83.5	83.5	84.0	85.4	86.4	87.4	88.4	88.1	86.1	88.2	90.7	91.8	86.7	127.3
1.00	80.6	81.6	82.4	82.5	83.0	84.1	83.6	83.7	84.2	84.2	86.3	87.6	88.3	88.8	87.9	85.7	87.3	89.8	90.7	85.3	127.3
1.25	80.1	81.0	82.6	82.3	82.7	83.1	83.4	84.0	84.5	85.5	86.9	88.3	88.8	89.5	87.9	85.0	86.9	89.2	89.8	84.2	127.4
1.60	79.5	81.2	82.9	82.6	82.8	82.8	83.2	83.9	84.5	84.7	85.6	86.9	88.2	89.0	87.1	84.5	86.0	88.6	89.6	84.2	126.9
2.00	80.5	82.4	82.7	83.1	83.3	83.4	83.5	84.5	84.8	85.2	86.5	87.3	88.7	89.5	86.7	84.4	85.6	87.7	89.0	83.7	127.2
2.50	82.2	83.6	83.8	83.7	83.4	84.0	84.0	84.9	85.6	85.8	87.4	88.4	89.4	89.6	86.4	84.2	85.9	88.2	88.9	84.4	127.8
3.15	87.5	90.1	90.1	90.7	90.6	91.6	89.4	90.5	89.0	89.6	89.4	90.4	90.8	90.9	87.6	85.5	85.6	86.9	87.7	82.7	131.3
4.00	85.6	86.2	87.9	88.8	88.7	89.8	88.2	89.5	90.6	91.9	92.1	92.6	93.4	93.8	90.0	87.4	86.7	87.1	86.7	82.2	132.4
5.00	81.8	83.1	82.7	83.6	84.1	85.2	86.0	88.1	90.5	91.9	93.4	93.9	93.7	94.7	91.0	88.0	86.8	86.9	86.4	82.7	132.4
6.30	83.0	84.3	83.9	84.7	85.6	85.8	86.2	88.2	89.5	90.4	92.9	93.0	92.6	93.3	90.0	86.9	85.4	85.9	85.2	80.4	132.2
8.00	81.8	82.7	82.9	83.3	83.7	84.8	86.6	87.8	89.4	92.1	93.5	93.9	93.1	93.2	91.0	87.9	87.6	88.8	87.5	81.0	133.6
10.0	78.4	79.3	80.1	80.2	81.4	82.1	83.6	85.7	87.2	90.1	90.7	91.7	91.1	91.5	89.9	85.9	84.7	84.3	81.7	77.4	132.7
12.5	74.3	76.0	76.7	76.5	76.6	78.6	80.5	82.8	84.5	87.1	88.8	89.0	88.8	88.5	86.7	82.8	81.0	79.8	77.0	72.5	131.8
16.0	69.2	70.0	70.9	71.6	72.2	73.1	74.2	76.8	79.6	81.5	83.1	83.5	82.7	83.2	81.1	77.5	74.9	73.1	70.2	66.1	128.5
20.0	63.3	63.6	64.8	65.6	66.8	67.3	68.5	70.9	73.9	77.2	78.7	78.9	77.7	79.1	76.8	72.5	69.9	66.7	64.6	6.1	128.0
																				OAPWL =	143.0
TSPL	95.6	96.7	97.6	97.1	97.4	98.1	97.7	98.8	99.5	100.6	101.9	102.5	102.7	103.3	101.5	100.3	100.6	101.7	102.6	97.3	
OSPL	95.6	96.7	96.9	97.1	97.3	98.6	97.6	98.7	99.3	100.6	101.6	102.2	102.4	103.1	101.3	100.2	100.5	101.7	102.6	97.3	
PNLT	110.8	112.7	112.6	113.2	113.4	114.2	112.7	113.8	113.1	114.8	115.0	115.7	116.1	116.7	114.2	112.4	112.4	114.0	114.5	109.0	
PNL	109.6	111.3	111.4	111.6	111.8	112.6	111.6	112.7	113.1	114.2	115.0	115.7	116.1	116.7	114.2	112.4	112.4	113.4	113.9	109.0	

CONDITION = 7554 ALTITUDE = 150. FT SIDELINE

OSPL	78.8	86.4	90.3	93.0	95.4	96.2	98.0	99.2	100.3	101.5	101.9	101.8	102.1	99.9	97.7	96.4	95.2	92.6	80.8	
PNL	92.3	100.5	104.9	107.5	110.0	110.2	112.1	113.0	114.2	114.9	115.3	115.5	115.7	112.8	109.8	108.0	106.6	103.2	90.6	
PNLT	93.8	102.0	106.4	109.1	111.6	111.3	113.2	113.0	114.2	114.9	115.3	115.5	115.7	112.8	109.8	108.0	107.2	104.0	90.6	

CONDITION = 7534 ALTITUDE = 200. FT SIDELINE

OSPL	78.6	86.4	89.4	92.2	94.6	93.3	95.2	96.3	97.6	98.5	98.9	98.9	98.2	97.0	94.9	93.7	92.5	89.9	77.9	
PNL	86.4	97.2	101.6	104.6	107.1	107.4	109.2	110.1	111.3	112.0	112.4	112.6	112.8	109.9	106.9	105.1	103.6	100.1	87.0	
PNLT	90.0	98.7	103.2	106.1	108.7	108.5	110.4	110.1	111.3	112.0	112.4	112.6	112.8	109.9	106.9	105.1	104.3	100.6	87.0	

Point No. A-25

ENGINE MODEL = -66
ENGINE NUMBER = 704741

STAND = X-300
DATE = 10/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 8358
CORRECTED RPM = 8374

INLET TEMP = 57.00 F
TIME OF DAY = 2005
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW-CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	79.7	78.0	78.4	78.1	79.3	79.1	78.1	78.1	77.1	77.0	78.4	79.2	79.6	80.7	81.6	84.6	85.1	85.3	85.0	87.1	122.0
.063	79.5	78.9	79.1	79.1	78.5	78.4	77.7	78.6	77.6	78.5	78.5	78.3	80.8	81.8	82.6	85.8	87.0	85.8	84.3	85.9	122.7
.080	81.9	79.4	78.9	78.0	77.6	77.0	77.7	76.5	75.4	75.9	76.9	77.8	78.8	80.8	82.7	85.3	86.4	86.1	85.5	85.6	122.2
.100	79.3	78.0	77.9	78.2	77.2	76.0	76.5	75.4	75.6	75.8	77.7	77.8	80.1	80.6	81.9	84.7	86.3	85.1	85.0	85.2	121.7
.125	79.3	77.8	77.4	77.7	76.7	76.2	77.2	78.2	78.7	78.6	80.8	81.8	83.3	83.7	85.2	86.5	86.8	86.3	85.3	85.4	123.4
.160	78.7	78.1	77.4	77.6	77.1	77.2	78.6	79.3	79.3	80.1	82.9	83.9	85.4	86.4	88.5	90.3	90.0	87.6	86.9	84.6	125.9
.200	80.8	80.6	80.5	81.0	81.1	79.8	80.3	80.2	80.7	81.3	82.8	84.1	85.8	87.6	89.7	92.8	92.3	89.7	89.8	84.7	127.8
.250	82.5	82.7	82.5	82.2	81.3	81.2	81.6	82.8	83.3	82.9	83.9	84.3	85.9	88.0	89.6	91.4	91.2	89.7	90.0	85.6	127.6
.315	83.0	83.5	83.1	83.4	83.9	85.0	84.8	84.7	84.4	85.3	86.6	87.1	88.0	89.1	89.9	91.1	90.5	91.1	90.6	87.3	128.6
.400	85.6	84.5	85.5	85.4	85.4	86.9	87.1	87.0	86.7	87.0	87.7	88.4	89.1	90.6	91.5	90.8	89.6	91.2	92.7	89.2	129.7
.500	85.6	86.2	87.5	86.0	87.8	87.9	87.8	88.4	88.5	88.5	88.9	88.9	89.6	91.2	92.1	90.1	90.3	92.2	94.1	90.6	130.6
.630	85.7	86.8	86.0	85.9	86.6	87.2	86.6	86.9	86.7	87.4	88.5	88.8	89.7	90.9	91.9	90.1	89.9	92.3	93.9	90.5	130.1
.800	83.9	84.9	85.2	85.2	85.6	85.7	86.6	86.2	86.7	86.6	88.2	88.0	90.5	91.2	91.3	89.6	90.1	92.5	93.2	90.4	129.9
1.00	83.1	84.4	85.5	84.9	84.9	85.8	85.5	86.1	85.5	86.0	87.2	88.3	89.3	90.0	89.7	87.8	88.9	91.9	91.8	89.5	128.9
1.25	82.3	83.8	85.4	84.8	85.0	85.2	85.6	86.6	86.6	86.7	87.8	89.0	89.7	90.2	88.9	87.0	88.3	91.3	90.7	88.5	128.9
1.60	81.6	84.0	85.6	85.4	85.4	85.2	85.7	86.1	86.7	87.0	88.2	89.4	90.4	90.6	88.8	86.9	87.8	90.9	90.6	88.4	129.1
2.00	81.0	83.2	84.7	84.4	85.1	85.0	85.5	86.3	87.0	87.1	89.1	89.6	90.9	90.3	88.4	86.6	87.7	89.8	90.1	87.7	129.1
2.50	81.6	84.3	84.8	84.7	84.6	85.1	85.8	86.8	87.9	87.8	89.7	90.5	91.2	90.7	88.0	86.2	87.5	89.8	90.3	88.1	129.5
3.15	81.4	84.0	84.6	85.1	84.6	85.3	86.2	88.0	88.7	89.7	90.6	91.6	92.2	91.3	88.4	86.8	87.4	89.5	89.6	87.0	130.4
4.00	82.7	84.2	85.1	85.5	85.4	85.8	86.7	88.7	90.4	91.1	93.3	93.2	93.7	93.2	90.1	87.8	87.3	89.0	88.1	85.8	132.0
5.00	79.6	82.3	83.3	84.0	84.7	86.2	87.2	90.2	92.3	92.9	95.5	97.0	96.2	96.9	92.8	89.9	87.9	89.5	87.8	85.7	134.4
6.30	77.6	80.2	81.5	82.3	83.1	84.6	87.1	89.7	91.3	92.8	95.6	94.4	94.1	94.3	91.0	88.5	86.7	88.1	86.7	84.1	133.6
8.00	76.4	78.5	81.3	81.1	82.0	84.0	87.0	89.3	90.8	92.9	95.1	94.6	94.2	93.7	91.1	88.1	86.3	87.2	85.5	82.7	134.3
10.0	74.4	76.8	78.7	79.8	81.8	84.5	85.6	90.4	91.0	92.7	94.9	96.5	95.7	94.5	92.3	89.6	87.1	87.7	85.2	82.3	136.2
12.5	69.3	72.8	75.5	76.0	77.7	79.5	81.4	85.6	86.9	88.8	90.1	90.5	90.0	89.5	87.5	84.4	82.0	82.0	78.2	75.8	133.3
16.0	64.4	67.4	70.5	71.7	72.8	74.9	76.7	80.8	82.3	85.2	86.7	86.5	86.5	85.8	84.3	81.1	77.9	77.7	72.5	70.1	131.0
20.0	58.4	60.6	64.3	65.8	66.5	68.9	70.7	74.8	77.4	79.9	82.0	82.1	81.5	81.4	78.9	75.0	71.2	70.0	66.6	65.1	130.9
																				DAPHL =	144.9
TSPL	95.7	96.6	97.3	97.2	97.6	98.2	98.9	100.4	101.3	102.2	104.1	104.7	104.8	104.9	103.6	102.7	102.5	103.6	103.7	101.2	
OSPL	95.7	96.5	97.3	97.1	97.5	98.1	98.7	100.2	101.1	101.9	103.8	104.4	104.6	104.7	103.4	102.6	102.5	103.5	103.7	101.1	
PNLT	107.5	108.9	109.7	109.9	110.1	110.6	111.4	113.2	114.5	115.1	117.2	119.2	118.1	119.6	116.1	114.4	113.8	115.4	115.2	112.8	
PNL	107.5	108.9	109.7	109.9	110.1	110.6	111.4	113.2	114.5	115.1	117.2	118.1	118.1	118.5	116.1	114.4	113.8	115.4	115.2	112.8	

CONDITION = 8374 ALTITUDE = 150. FT SIDELINE

OSPL		79.8	87.1	90.6	93.4	95.6	97.4	99.6	100.9	101.9	103.7	104.1	103.9	103.8	102.1	100.1	98.4	97.1	93.8	84.7	
PNL		90.2	98.8	102.4	105.7	108.6	110.0	112.6	114.3	115.1	117.0	117.8	117.5	117.5	114.7	111.7	109.5	108.6	104.5	94.5	
PNLT		90.2	98.8	102.9	105.7	108.6	110.0	112.6	114.3	115.1	117.0	118.8	117.5	118.6	114.7	111.7	109.5	108.6	104.5	94.5	

CONDITION = 8374 ALTITUDE = 200. FT SIDELINE

OSPL		78.9	84.3	87.6	90.6	92.9	94.6	96.7	98.0	98.9	100.6	101.1	101.0	100.9	99.3	97.4	95.7	94.3	91.0	81.8	
PNL		86.6	95.6	99.5	102.7	105.1	107.1	109.7	111.4	112.2	114.1	114.9	114.6	114.6	111.8	108.8	106.6	105.5	101.4	90.9	
PNLT		86.6	95.6	99.9	102.7	105.1	107.1	109.7	111.4	112.2	114.1	116.0	114.4	115.7	111.8	108.8	106.6	105.5	101.4	90.9	

Point No. A-26

ENGINE MODEL = -66
ENGINE NUMBER = 704741

STAND = X-208
DATE = 10/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6287
CORRECTED RPM = 6287

INLET TEMP = 54.00 F
TIME OF DAY = 2035
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.6	75.4	74.1	73.7	74.5	74.0	73.3	73.7	73.6	73.7	74.1	72.8	75.2	73.4	77.2	75.4	79.2	78.4	79.6	79.2	116.3
.063	75.8	76.1	76.2	75.8	75.1	75.6	74.4	74.1	75.2	75.1	75.0	74.4	76.4	75.2	77.9	75.9	79.4	79.0	78.4	78.7	117.2
.080	75.9	75.7	74.4	74.7	73.4	73.1	72.3	72.0	71.1	72.0	72.4	71.4	73.0	72.5	77.2	74.4	79.5	78.3	78.7	79.1	115.7
.100	76.2	75.3	72.6	73.9	72.6	73.1	71.3	72.8	72.9	72.4	72.9	73.0	74.5	73.7	77.2	75.1	79.8	79.1	78.1	80.0	116.0
.125	74.3	75.1	73.0	74.5	71.4	71.3	72.5	71.9	73.3	73.9	75.2	74.8	75.9	74.9	78.5	77.5	82.2	82.0	79.2	80.9	117.5
.160	75.3	74.9	73.7	74.2	72.3	71.4	73.2	72.3	73.9	73.8	76.6	75.7	77.6	76.5	80.8	78.8	82.1	82.0	78.1	81.2	118.1
.200	75.7	75.5	75.3	75.2	74.7	74.2	74.8	74.7	74.8	74.5	76.8	75.5	78.0	77.8	82.1	80.2	85.8	84.8	78.4	86.0	120.4
.250	77.7	77.6	76.8	77.6	76.4	75.8	76.7	76.2	76.4	77.5	77.7	77.3	79.2	78.1	82.2	80.4	84.9	83.6	79.5	85.0	120.5
.315	78.1	78.4	77.6	76.8	79.1	78.1	78.2	78.7	78.2	78.4	80.1	79.6	80.4	80.2	82.3	81.5	85.1	83.4	81.2	87.5	121.6
.400	78.2	79.7	79.4	79.9	80.8	79.8	80.7	80.8	79.8	80.8	81.1	80.4	81.4	80.7	82.5	82.6	85.8	83.3	83.0	88.6	122.7
.500	78.4	80.9	79.6	80.8	81.2	80.7	81.3	80.5	80.4	80.5	80.5	80.1	81.6	80.6	81.9	82.3	86.9	83.7	84.9	90.1	123.3
.630	78.7	79.1	79.2	79.4	80.4	79.1	80.9	80.1	79.5	80.2	80.4	79.9	81.8	80.9	82.9	83.1	86.9	83.7	84.8	88.8	123.0
.800	77.3	77.1	78.0	77.3	78.7	78.7	78.8	78.5	78.3	78.6	80.5	79.8	82.1	81.2	81.6	82.6	86.9	83.4	83.4	87.3	122.3
1.00	76.8	75.9	77.8	76.9	78.4	77.7	78.1	78.3	77.8	78.1	80.0	78.8	81.2	80.2	79.6	81.3	85.5	82.1	82.0	85.6	121.3
1.25	76.1	75.5	77.8	77.5	78.0	78.0	78.3	78.5	78.7	79.1	80.5	79.5	81.6	80.6	79.0	81.3	85.3	81.5	81.1	85.2	121.5
1.60	77.2	75.6	78.3	77.7	77.7	77.8	78.3	77.7	78.8	79.1	80.4	79.8	82.7	81.2	79.3	82.1	84.5	80.6	80.6	85.2	121.5
2.00	78.2	76.6	78.9	78.0	78.1	78.6	78.9	78.4	79.6	79.4	81.1	80.7	83.7	82.3	80.0	82.9	85.0	80.9	80.8	84.7	122.2
2.50	81.6	80.2	81.5	80.9	81.5	82.3	82.3	82.2	81.2	82.4	82.8	81.9	84.6	83.7	80.3	83.1	84.3	80.9	81.6	84.4	123.9
3.15	86.4	85.1	86.9	86.0	86.6	86.1	87.5	87.8	85.5	86.8	85.8	85.6	86.8	85.9	82.0	85.1	83.0	80.7	79.6	82.5	127.8
4.00	79.9	76.3	80.2	79.9	79.4	80.0	81.9	79.9	84.7	84.1	87.3	86.7	88.6	86.9	83.8	87.3	83.8	82.2	79.7	82.4	126.4
5.00	61.8	80.6	81.4	80.6	81.6	81.4	82.4	81.-	85.4	83.5	88.0	86.8	88.2	87.7	84.0	87.3	85.8	83.0	82.3	84.8	127.2
6.30	83.5	82.1	84.0	82.2	86.0	84.8	85.5	85.2	87.4	85.0	92.5	90.2	90.8	90.8	88.7	93.4	87.1	84.9	80.4	84.8	131.3
8.00	80.9	79.0	81.3	81.4	81.2	81.4	84.0	83.2	86.5	83.7	93.4	89.9	90.8	91.1	92.9	98.0	84.3	85.7	79.1	82.3	133.6
10.0	78.6	76.6	78.7	78.8	79.6	79.6	81.3	79.3	85.5	82.3	87.9	88.1	88.1	88.3	83.5	86.6	79.6	79.7	74.5	76.9	129.2
12.5	75.9	72.4	74.9	75.9	75.8	76.2	77.7	75.9	81.7	78.3	84.1	83.9	84.5	84.7	80.6	83.8	76.6	76.4	70.3	72.9	127.5
16.0	70.6	66.2	69.6	70.3	70.2	70.2	71.7	70.1	76.6	72.9	79.2	78.8	79.0	78.6	78.0	81.3	70.3	70.2	62.5	65.8	125.2
20.0	63.3	60.5	64.6	63.2	64.2	64.1	66.3	63.7	70.8	67.7	74.0	74.2	74.0	73.2	70.9	75.4	64.8	63.4	59.3	60.1	123.8
																			DAPWL =		139.7
TSPL	93.3	92.5	93.6	93.2	94.0	94.6	94.6	94.1	95.6	94.7	99.0	97.3	98.7	98.2	97.7	101.1	98.4	96.3	94.8	98.9	
OSPL	93.2	92.4	93.5	93.1	93.9	93.9	94.5	94.1	95.4	94.6	98.8	97.0	98.4	98.0	97.5	101.0	98.3	96.2	94.8	98.9	
PNLT	109.6	108.6	110.1	109.4	110.3	111.0	110.7	111.0	109.1	110.0	112.6	110.4	111.7	111.2	111.5	115.1	110.5	108.8	106.6	110.0	
PNL	107.8	106.7	108.1	107.5	108.2	108.7	108.9	108.7	108.6	108.8	112.0	110.4	111.7	111.2	110.3	113.8	110.5	108.3	106.6	110.0	

CONDITION = 6287 ALTITUDE = 150. FT SIDELINE

OSPL		74.9	82.7	86.3	86.5	91.3	93.0	93.5	96.2	94.6	98.7	96.7	97.8	96.9	96.0	98.1	94.2	89.6	84.8	82.4	
PNL		87.6	97.1	100.1	103.8	106.1	107.5	108.1	108.4	108.8	111.9	110.1	111.1	110.7	108.8	110.9	104.6	101.1	95.7	91.6	
PNLT		89.7	99.2	102.5	106.0	108.5	109.3	110.4	109.0	110.0	112.4	110.1	111.1	110.2	110.0	112.3	106.0	101.1	95.7	91.6	

CONDITION = 6287 ALTITUDE = 200. FT SIDELINE

OSPL		71.4	79.6	83.3	86.6	86.4	90.2	90.6	92.2	91.7	95.5	93.6	94.8	93.9	93.0	94.7	91.4	86.8	82.0	79.6	
PNL		83.8	93.2	97.6	100.9	103.2	104.6	105.3	105.4	106.0	108.9	107.1	108.1	107.2	105.7	107.6	103.0	97.9	92.5	88.0	
PNLT		85.9	95.9	99.5	103.0	105.6	106.4	107.5	106.1	107.2	109.4	107.1	108.1	107.2	106.8	109.0	103.0	97.9	92.5	88.0	

Point No. A-27

ENGINE MODEL = -8D
ENGINE NUMBER = 764741

STAND = X-300
DATE = 10/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6258
CORRECTED RPM = 6288

INLET TEMP = 54.00 F
TIME OF DAY = 2047
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.1	74.2	74.6	74.1	74.8	74.8	74.5	73.9	73.4	72.1	74.2	74.1	74.8	75.8	76.1	78.5	79.5	80.2	80.3	79.9	117.1
.063	76.1	76.4	76.3	76.2	75.8	75.3	74.1	75.1	75.6	75.4	74.8	74.7	75.4	76.4	76.3	79.6	80.3	81.2	79.8	78.3	117.9
.080	76.7	76.1	75.8	74.9	74.2	73.3	72.8	72.4	72.2	71.8	72.3	72.7	73.0	74.6	75.6	78.8	79.4	81.2	80.2	77.8	116.8
.100	76.6	76.1	74.5	73.1	73.9	73.1	73.6	72.2	72.5	72.5	73.1	73.4	74.2	75.2	76.0	79.3	80.6	80.5	80.9	77.6	117.0
.125	76.0	74.3	75.3	72.3	72.6	71.6	72.2	73.2	74.3	74.5	75.6	76.2	76.2	77.6	79.0	79.8	83.3	81.9	82.6	78.3	118.5
.160	75.4	71.5	75.0	74.3	72.4	72.6	72.4	74.1	74.5	75.2	76.8	77.5	78.2	79.1	80.7	83.2	83.9	83.2	82.2	77.4	119.7
.200	76.2	76.2	76.4	75.6	75.2	75.3	75.8	76.0	75.7	75.8	77.0	77.8	79.3	80.6	81.9	84.1	86.7	86.8	86.7	77.4	122.2
.250	78.3	78.7	78.8	78.8	77.1	77.3	77.2	77.9	78.6	77.9	76.8	78.8	79.6	81.0	82.3	84.9	86.1	86.6	86.4	79.6	122.3
.315	78.9	79.4	78.7	79.1	79.8	80.8	80.6	80.2	79.0	80.4	81.1	81.5	81.3	82.1	83.2	84.7	85.3	87.1	89.0	81.3	123.6
.400	81.1	80.3	81.5	81.4	81.0	82.2	82.4	82.9	81.9	82.3	82.4	82.7	83.1	83.6	85.2	85.8	85.1	87.9	91.0	83.3	125.1
.500	81.8	82.9	83.4	82.6	83.2	84.0	82.7	83.6	82.6	83.4	83.6	83.6	84.3	86.0	85.3	85.8	89.3	91.4	84.8	125.7
.630	81.5	81.1	82.1	81.8	82.6	83.2	83.0	82.5	83.3	82.1	82.6	82.8	83.6	84.3	86.0	85.3	85.8	89.3	91.4	84.8	125.7
.800	78.7	79.6	79.5	80.4	81.4	81.2	81.5	81.3	80.6	81.0	82.2	82.5	83.2	84.5	85.2	84.9	85.8	88.7	89.5	83.6	124.8
1.00	77.4	79.2	79.5	79.5	80.3	80.9	80.5	80.4	80.4	79.9	80.9	81.7	82.5	82.9	83.6	82.5	84.2	87.7	88.3	82.7	123.6
1.25	77.5	78.5	80.6	79.8	80.5	80.0	80.5	80.7	80.7	80.8	81.3	82.1	82.3	83.1	83.1	81.2	83.7	87.4	88.2	82.0	123.6
1.60	77.3	78.9	79.9	80.2	80.2	79.6	80.1	80.1	80.3	80.9	81.4	81.8	82.3	83.1	82.6	81.0	82.9	86.9	87.6	81.9	123.4
2.00	77.7	79.6	80.1	80.2	80.8	79.0	80.0	80.7	80.6	80.8	81.8	82.3	82.6	83.1	82.4	81.0	82.8	86.4	87.5	81.6	123.4
2.50	81.7	83.6	82.7	83.4	83.9	83.9	84.1	84.6	83.3	83.3	82.7	83.2	83.4	84.0	82.5	80.8	82.6	85.7	87.1	82.4	125.2
3.15	87.0	88.5	87.5	88.1	88.8	89.5	89.8	90.2	87.9	87.6	85.4	85.9	85.6	85.8	84.1	81.5	82.0	84.3	85.6	80.2	129.4
4.00	79.4	80.9	81.4	81.7	81.4	80.8	81.2	81.7	83.0	83.7	85.1	85.7	85.6	85.8	84.1	81.5	82.0	84.3	85.6	80.2	129.4
5.00	81.2	82.1	82.5	82.5	82.9	82.3	82.3	82.8	83.7	84.9	86.4	87.4	86.3	87.7	84.8	82.7	82.8	86.9	85.5	82.3	126.8
6.30	82.7	84.3	84.4	84.6	85.9	85.8	85.3	84.0	84.4	88.1	90.2	92.5	92.0	90.6	90.5	87.6	85.3	87.4	86.6	80.1	130.8
8.00	86.0	86.4	86.1	86.4	86.6	86.6	87.4	88.4	88.6	88.2	90.2	90.9	91.3	90.9	91.1	91.8	86.2	85.3	83.6	78.3	132.3
10.0	77.7	78.8	79.8	79.5	81.0	79.9	80.0	82.6	83.4	85.4	86.5	87.5	86.8	87.2	84.2	80.4	78.7	78.7	77.8	74.0	128.5
12.5	74.6	76.3	77.1	76.1	77.4	76.5	76.5	78.4	79.2	81.4	82.7	83.8	83.2	83.3	81.6	78.1	75.4	75.7	74.2	69.2	126.8
16.0	69.3	72.2	71.5	71.4	71.5	71.2	71.3	72.2	74.6	76.3	78.3	78.6	77.1	78.3	78.0	74.5	69.9	69.1	66.5	62.2	124.2
20.0	63.1	63.4	65.1	65.6	65.4	65.6	65.7	66.2	68.6	71.7	73.5	73.7	71.6	73.4	72.6	68.0	64.3	62.4	61.4	58.3	123.1
																			OAPWL =		139.9
TSPL	93.6	94.6	94.9	95.1	95.7	95.6	95.0	96.2	96.6	96.7	97.4	98.4	98.2	98.7	99.5	98.1	97.8	99.8	101.0	95.0	
OSPL	93.7	94.7	94.6	95.1	95.6	95.5	95.5	96.1	95.9	96.5	97.4	98.4	98.0	98.6	99.4	98.0	97.7	99.8	101.0	94.9	
PNLT	110.4	111.5	111.2	112.1	112.8	112.6	112.7	113.4	111.5	111.5	110.8	112.7	111.1	111.8	112.6	111.6	110.6	111.4	112.1	106.8	
PNL	108.2	109.5	109.1	109.9	110.5	110.2	110.4	111.8	109.5	110.1	110.8	112.1	111.1	111.8	112.3	110.3	109.3	111.4	112.1	106.8	

CONDITION = 6288 ALTITUDE = 150. FT SIDELINE

OSPL		76.9	84.1	88.2	91.3	93.0	94.2	95.5	95.8	96.4	97.3	98.1	97.4	97.6	97.9	95.4	93.6	93.3	91.1	78.3	
PNL		90.4	98.2	103.1	106.1	107.8	109.0	110.4	109.8	110.1	110.6	111.8	110.5	110.8	110.8	107.5	104.8	104.5	101.5	88.4	
PNLT		92.6	100.6	105.2	108.5	110.0	111.4	112.8	111.3	111.5	110.6	112.4	110.5	110.8	112.1	108.8	105.5	104.5	101.5	89.4	

CONDITION = 6288 ALTITUDE = 200. FT SIDELINE

OSPL		72.7	81.1	85.3	88.4	90.1	91.4	92.7	92.9	93.6	94.3	95.0	94.4	94.6	94.8	92.5	90.9	90.8	88.3	75.4	
PNL		86.5	94.9	99.9	103.2	104.7	106.1	107.6	107.0	107.2	107.7	108.8	107.5	107.8	107.6	104.3	101.7	101.5	98.4	84.7	
PNLT		88.6	96.6	101.2	104.6	106.1	107.5	109.0	108.5	108.7	107.7	109.4	107.5	107.8	109.0	105.7	101.7	101.5	98.4	85.9	

Point No. A-28

ENGINE MODEL = -6L
ENGINE NUMBER = 704741

STAND = X-3C6
DATE = 10/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED PPH = 6674
CORRECTED PPH = 6706

INLET TEMP = 54.00 F
TIME OF DAY = 2105
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER (KHZ)	FREQ 0	10	20	30	40	50	MICROPHONE ANGLES IN DEGREES 60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12H
.050	76.6	74.7	74.9	75.1	75.2	75.8	74.7	74.4	74.2	73.9	74.3	75.2	75.5	76.4	77.3	79.9	80.8	81.6	81.7	83.3	118.2
.063	76.8	77.3	77.6	77.1	76.4	76.0	75.2	75.8	75.6	76.4	76.7	75.8	76.6	78.0	77.3	80.8	81.4	82.1	80.7	81.9	118.9
.080	77.4	77.6	76.6	75.7	74.5	73.8	73.8	73.6	72.4	72.6	72.5	73.7	73.8	75.6	77.2	80.2	81.1	82.2	81.4	81.7	117.9
.100	76.6	76.8	75.4	75.8	73.4	72.8	72.4	72.3	72.6	73.1	73.6	74.3	75.7	76.2	77.5	80.7	81.9	81.8	82.2	81.6	118.0
.125	76.9	75.4	75.7	74.6	73.1	71.8	72.1	73.4	74.7	75.1	76.4	77.3	77.6	79.2	80.6	81.5	84.1	82.6	82.0	81.3	119.5
.160	75.9	76.1	74.7	74.7	72.9	73.6	73.7	75.6	75.3	76.1	78.1	79.6	79.7	81.2	82.6	85.4	85.4	84.1	83.4	81.2	121.2
.200	77.4	77.3	77.0	76.9	76.3	76.6	76.7	76.8	77.1	77.3	78.4	79.5	80.8	82.5	84.1	88.0	88.2	87.2	87.4	81.3	123.6
.250	79.6	80.1	80.0	79.4	77.9	78.6	78.6	79.3	79.7	79.1	79.9	80.2	81.2	82.9	84.3	87.2	87.3	86.9	86.6	81.8	123.7
.315	80.4	80.6	79.7	80.5	80.6	81.9	81.6	81.1	80.5	81.8	82.5	82.0	83.0	84.2	85.2	86.9	87.0	87.6	89.2	83.1	124.9
.400	82.0	81.2	82.6	82.8	81.9	83.7	83.8	83.9	83.1	83.4	82.9	84.8	84.5	85.8	85.2	86.9	87.5	86.5	88.3	91.3	85.3	126.3
.500	83.1	83.9	85.0	83.5	84.8	84.6	84.7	85.5	84.3	84.7	85.8	85.5	85.4	86.4	87.1	86.6	87.0	88.8	92.6	87.0	127.5
.630	83.0	82.8	83.5	83.5	84.2	84.0	84.1	84.2	83.8	83.6	84.3	84.9	85.1	86.6	87.5	87.4	87.3	89.9	92.8	87.4	127.1
.800	80.3	81.3	81.1	82.6	83.9	83.0	83.1	83.0	82.7	82.5	83.9	84.5	85.4	86.9	87.1	86.3	87.3	89.7	90.6	86.8	126.3
1.00	79.1	80.8	81.4	81.2	81.9	82.5	82.1	81.4	82.0	81.4	82.6	83.4	84.2	85.2	85.4	84.3	85.6	88.7	89.2	85.5	125.1
1.25	78.7	80.0	81.4	81.5	81.6	81.6	82.2	82.1	82.3	82.4	83.0	83.6	84.1	85.2	84.8	83.1	84.9	88.2	88.6	84.5	124.9
1.60	78.9	80.5	81.6	81.9	81.4	81.4	81.6	81.9	82.1	82.3	82.2	82.6	84.3	85.3	84.4	82.5	84.3	87.9	89.5	84.7	124.8
2.00	79.2	80.7	81.5	81.5	82.0	81.6	81.7	81.9	82.2	82.5	83.6	84.0	84.5	84.8	83.9	82.3	84.2	87.2	88.1	84.1	124.8
2.50	80.4	81.4	82.3	82.1	82.1	82.1	82.6	82.8	83.2	83.0	83.8	84.4	84.8	85.2	83.5	82.1	84.3	87.2	88.1	84.9	125.3
3.15	87.1	87.2	88.7	86.3	89.7	88.3	89.0	89.6	88.6	86.8	86.7	86.8	86.8	86.3	84.3	82.1	83.2	85.5	86.5	82.9	129.3
4.00	79.6	80.9	81.4	82.3	82.0	81.9	82.4	82.9	84.6	84.8	87.3	87.5	87.2	87.6	84.7	82.7	82.9	84.9	85.3	82.1	126.6
5.00	81.3	82.2	82.6	82.7	82.6	82.3	83.1	83.9	85.2	86.0	87.5	88.0	87.6	85.6	85.4	83.4	83.8	86.4	86.0	83.5	127.6
6.30	84.4	84.5	85.1	84.5	86.2	85.2	85.3	85.5	86.7	87.2	89.6	91.1	90.1	90.2	87.4	84.1	83.6	85.7	84.8	80.9	129.8
8.00	80.3	81.7	81.8	81.4	82.1	82.4	82.6	85.7	87.9	92.4	92.4	92.8	96.7	92.1	88.5	85.9	87.9	86.4	81.5	133.1
10.0	78.2	78.9	79.9	80.2	81.5	80.5	81.0	82.0	85.2	85.1	87.2	87.7	86.9	86.8	84.8	81.4	79.8	79.6	78.9	76.2	128.7
12.5	73.4	75.3	76.-	75.7	77.1	76.7	77.5	79.5	80.5	82.8	84.8	85.0	86.0	85.1	84.1	80.1	78.2	77.6	75.4	72.0	128.6
16.0	68.2	69.2	70.3	70.7	71.1	71.2	71.6	73.1	74.9	76.8	79.2	79.4	79.6	81.4	77.4	73.4	70.8	70.1	67.7	64.9	124.9
20.0	62.3	64.8	64.2	65.0	64.9	65.6	66.3	67.3	69.7	72.2	74.7	74.6	73.2	75.9	72.8	68.3	65.6	63.3	6.5	6.1	124.0
																			DAPHL =		140.7
TSPL	94.5	95.1	95.8	95.5	96.2	95.9	96.6	96.7	97.1	97.1	99.0	99.4	99.4	101.1	99.3	98.7	98.0	100.4	101.7	97.6	
OSPL	94.5	95.0	95.7	95.5	96.1	95.8	96.5	96.6	97.8	96.6	98.7	99.2	99.1	100.9	99.2	98.6	98.9	100.6	101.6	97.5	
PNLT	111.1	111.1	112.3	111.9	113.2	112.1	113.4	113.2	112.4	110.7	112.1	112.7	112.7	115.3	112.5	110.7	110.7	113.1	113.7	109.3	
PNL	108.7	109.2	110.1	109.9	110.7	110.0	111.0	110.9	110.8	110.2	111.4	112.2	111.9	114.0	111.5	109.7	110.0	112.2	112.9	109.3	

CONDITION = 6706 ALTITUDE = 150. FT SIDELINE

OSPL		77.5	85.2	88.-	91.5	93.2	95.1	96.0	96.8	96.9	98.6	98.8	98.5	99.9	97.8	96.1	94.5	94.1	91.7	81.0	
PNL		96.2	99.2	103.6	106.3	107.4	109.6	110.2	110.7	110.2	111.3	111.9	111.2	112.9	110.0	107.0	105.8	105.5	102.3	90.9	
PNLT		96.2	101.4	105.0	108.9	109.5	112.1	112.6	112.3	110.7	112.0	112.4	112.0	114.3	111.0	108.0	106.5	106.4	102.8	90.9	

CONDITION = 6706 ALTITUDE = 200. FT SIDELINE

OSPL		74.4	82.2	85.9	88.8	91.5	92.3	93.2	94.0	94.6	95.6	95.8	95.6	96.9	94.9	93.4	92.1	91.4	89.0	78.2	
PNL		94.3	95.9	99.9	103.4	104.5	106.8	107.5	107.9	107.4	108.3	108.0	108.2	109.8	106.9	104.6	102.0	102.6	99.2	87.3	
PNLT		88.4	96.2	102.0	106.0	106.6	109.2	109.8	109.5	107.9	109.0	109.4	109.0	111.2	108.0	105.0	103.6	103.4	99.7	87.3	

Point No. A-29

ENGINE MODEL = -0C
ENGINE NUMBER = 704741

STAND = X-308
DATE = 10/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6423
CORRECTED RPM = 6441

INLET TEMP = 56.00 F
TIME OF DAY = 2120
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.1	74.4	74.2	74.7	74.9	75.3	74.5	74.8	73.7	73.7	73.7	74.6	74.7	75.9	77.1	78.9	80.4	80.3	80.4	83.0	117.5
.063	76.4	76.7	76.8	76.7	76.1	76.1	74.8	75.7	75.2	75.9	74.5	75.4	75.7	77.3	77.5	79.9	80.8	81.1	80.2	81.3	118.4
.080	76.9	77.2	75.8	75.4	74.2	73.8	73.3	73.6	71.6	72.6	71.6	73.2	73.2	75.0	76.9	79.5	80.7	81.6	80.8	81.2	117.4
.100	76.0	76.9	74.7	73.4	73.5	75.2	72.6	72.2	72.0	72.5	72.5	73.2	74.6	75.7	76.9	79.9	81.2	81.0	81.2	81.5	117.4
.125	76.0	74.8	75.0	73.7	72.5	71.3	71.7	73.2	74.0	74.6	75.8	76.4	76.6	77.9	79.6	80.4	83.4	81.9	82.5	81.0	118.7
.160	75.1	75.8	74.2	74.2	72.4	73.0	73.2	74.4	74.5	75.9	77.2	78.3	78.6	79.9	81.8	84.1	84.4	83.0	82.1	80.3	120.2
.200	76.7	76.9	76.7	76.2	75.7	75.7	76.0	76.3	76.3	76.8	77.2	78.8	79.8	81.2	83.3	86.9	87.3	86.4	86.2	79.7	122.7
.250	79.3	79.4	79.1	78.4	77.6	77.5	78.0	78.7	79.1	78.5	79.0	79.5	80.2	81.6	83.5	86.2	87.1	86.0	85.9	80.4	123.0
.315	80.0	79.7	79.0	79.3	80.0	81.1	80.5	80.3	79.6	81.1	81.6	81.8	82.2	83.0	84.3	86.0	86.7	87.5	88.8	81.8	124.2
.400	81.4	8..6	82.0	81.6	81.4	82.7	82.8	83.1	82.5	83.1	83.1	83.6	83.7	84.7	86.3	86.4	86.4	88.2	90.9	83.4	125.7
.500	82.4	83.3	84.2	82.6	84.4	83.9	83.9	84.4	85.2	84.2	84.5	84.7	85.0	85.6	86.3	85.6	87.0	89.8	92.7	86.2	126.9
.630	82.0	81.9	82.6	82.6	83.6	83.7	83.5	83.1	82.8	83.3	83.2	83.3	84.0	85.3	86.9	86.3	86.9	89.7	91.6	86.0	126.4
.800	79.2	80.2	80.5	82.7	82.1	82.1	82.1	81.6	81.6	81.5	82.7	83.3	84.2	85.8	86.3	85.3	87.2	89.4	89.9	85.0	125.5
1.00	78.1	79.6	80.5	80.3	80.8	81.7	81.3	81.2	81.0	81.1	81.5	82.8	83.1	84.1	84.6	83.4	85.1	88.2	89.2	83.7	124.4
1.25	78.0	79.6	80.8	80.4	81.0	80.8	81.3	81.2	81.3	81.6	82.0	82.8	83.2	83.9	84.0	82.1	84.8	87.8	88.1	82.8	124.2
1.60	78.1	79.8	80.9	80.9	80.9	80.6	80.8	80.9	81.8	81.5	82.2	82.6	83.2	83.9	83.6	81.7	83.8	87.6	87.8	82.8	124.0
2.00	78.5	80.0	80.7	80.6	81.2	80.9	80.8	81.3	81.2	81.6	82.5	83.1	83.3	84.2	83.0	81.4	83.8	87.1	87.5	82.5	124.1
2.50	80.2	82.7	81.7	82.5	82.0	83.4	82.4	83.5	82.4	82.9	82.9	83.8	83.8	84.4	82.9	81.3	83.5	86.5	87.3	83.2	125.0
3.15	86.5	90.0	86.8	89.8	86.3	91.5	86.4	91.2	86.6	87.9	85.5	87.1	85.8	86.3	84.7	82.2	83.0	85.2	85.9	81.3	129.6
4.00	79.9	81.3	81.8	82.1	81.7	81.9	81.8	83.1	84.7	86.4	86.3	86.7	87.3	86.9	85.2	82.0	83.2	84.6	84.9	80.5	126.6
5.00	81.5	82.4	82.2	82.5	82.7	82.7	82.6	83.4	84.1	85.3	86.8	87.5	86.8	87.6	85.2	82.8	83.9	85.9	86.2	82.9	127.1
6.30	83.2	84.8	84.6	85.4	86.1	87.1	85.5	86.5	85.8	87.1	89.8	91.6	89.3	89.6	86.8	85.6	85.3	87.4	85.8	80.3	130.2
8.00	84.1	81.2	81.6	81.6	82.5	82.6	84.8	84.5	85.4	86.7	88.7	92.7	92.4	91.8	94.6	91.5	87.8	87.2	84.8	79.5	132.4
10.0	77.9	79.3	80.1	80.3	81.5	81.6	80.8	82.4	82.5	85.6	87.0	88.0	86.7	86.0	84.8	80.8	80.5	79.1	78.1	74.7	128.7
12.5	74.1	75.9	76.3	75.9	77.6	77.7	77.3	78.9	79.1	82.4	83.7	84.9	84.5	83.8	83.6	78.9	78.5	76.8	75.0	70.2	127.7
16.0	68.6	69.7	70.6	70.9	71.4	71.9	71.5	73.0	73.7	76.4	78.6	79.3	77.3	78.1	78.8	73.5	70.7	69.6	67.0	63.2	124.4
20.0	62.7	63.2	64.2	65.2	65.3	66.3	65.9	66.9	68.6	71.5	73.8	74.1	72.0	73.5	73.4	67.9	65.6	62.5	62.0	59.5	123.3
																			DAPHL =		140.2
TSPL	94.0	95.4	94.9	95.6	95.6	96.6	95.7	96.7	96.0	97.0	97.8	99.2	98.8	99.1	99.7	98.4	98.8	100.3	101.1	96.3	
OSPL	93.9	95.4	94.8	95.5	95.5	96.6	95.6	96.6	95.9	96.7	97.5	99.0	98.6	98.9	99.5	98.3	98.7	100.3	101.1	96.2	
PNLT	110.3	113.0	110.6	112.9	112.0	114.5	112.0	114.2	110.5	111.6	110.8	112.2	112.0	112.4	113.7	111.8	110.8	111.8	112.3	107.8	
PNL	108.1	110.4	108.9	110.4	109.8	111.6	109.9	111.6	109.5	110.5	110.8	112.7	111.3	111.7	112.4	110.4	110.0	111.8	112.3	107.8	

CONDITION = 6441 ALTITUDE = 150. FT SIDELINE

OSPL		77.5	84.3	88.7	91.2	94.0	94.2	96.0	95.7	96.7	97.4	98.7	97.9	97.9	98.1	95.8	94.6	93.8	91.2	79.8	
PNL		91.3	98.0	102.5	105.5	109.0	108.5	111.0	108.3	110.5	110.7	111.8	110.6	110.7	110.9	107.7	105.6	105.0	101.7	89.4	
PNLT		94.1	99.7	104.0	107.6	111.9	110.6	113.6	110.3	111.6	110.7	111.8	111.4	111.4	112.2	109.0	106.5	105.0	101.7	90.5	

CONDITION = 6441 ALTITUDE = 200. FT SIDELINE

OSPL		74.3	81.3	85.7	88.3	91.1	91.4	93.2	92.9	93.9	94.4	95.6	94.9	95.0	95.1	92.9	91.9	91.0	88.4	76.9	
PNL		87.5	94.7	100.4	102.5	106.1	105.7	108.1	105.5	107.7	107.7	108.9	107.7	107.7	107.7	104.5	102.7	102.1	98.5	85.8	
PNLT		90.3	96.4	100..	104.7	108.0	107.8	110.8	107.5	108.8	107.7	108.9	108.5	108.4	109.1	105.9	103.6	102.1	98.5	87.0	

Point No. A-30

ENGINE MODEL = -0[illegible]
ENGINE NUMBER = 704741

STAND = X-308
DATE = 10/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5840
CORRECTED RPM = 5862

INLET TEMP = 55.00 F
TIME OF DAY = 2134
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	75.2	73.2	73.2	73.8	73.5	74.2	73.0	73.1	73.0	72.2	73.0	73.3	73.5	74.3	75.1	76.6	78.7	78.2	79.3	79.0	115.9
.063	75.8	76.2	75.7	76.1	75.1	74.9	74.0	74.3	74.3	75.4	74.6	74.5	74.7	75.9	75.2	77.9	78.2	79.4	79.3	78.6	117.1
.080	75.7	75.2	74.5	74.1	72.9	71.9	72.2	71.5	71.0	71.0	71.1	71.5	71.3	72.9	74.2	77.1	78.0	79.1	78.9	77.5	115.3
.100	74.4	74.0	73.6	72.5	72.8	72.0	72.1	70.9	71.1	71.3	71.7	71.3	71.9	73.3	74.0	77.1	79.3	79.0	79.4	76.9	115.4
.125	74.9	74.3	75.0	73.6	71.9	71.4	71.6	72.5	73.3	73.6	74.4	75.2	74.4	76.1	77.4	78.9	82.0	81.3	81.2	77.8	117.5
.160	74.5	74.9	74.3	73.7	71.4	71.8	71.7	72.8	73.3	73.5	75.2	76.1	76.1	77.3	78.8	81.3	82.2	81.2	81.0	76.1	118.1
.200	75.2	75.2	75.1	74.8	74.1	74.2	74.6	74.8	74.4	74.4	75.5	76.5	77.4	78.8	80.1	83.7	85.0	85.1	85.2	75.5	120.5
.250	77.2	78.0	77.6	76.8	76.0	76.3	76.2	76.7	77.2	76.5	77.4	77.5	77.4	79.3	80.6	83.1	84.2	84.5	85.0	77.5	120.8
.315	77.6	77.9	76.8	77.7	78.2	79.1	78.5	78.4	77.4	78.4	79.3	79.6	79.2	80.3	81.2	83.2	84.1	85.4	87.4	79.1	121.9
.400	79.8	78.7	80.[illegible]	79.4	79.5	81.1	80.6	81.1	80.1	80.7	81.0	81.3	81.1	81.8	82.3	83.6	84.2	86.0	89.7	81.0	123.4
.500	80.3	81.0	81.8	79.9	81.3	82.4	81.2	82.1	81.3	81.6	81.2	81.3	81.6	82.7	82.6	83.0	84.7	87.2	91.7	83.4	124.4
.630	80.0	79.9	82.0	80.4	81.0	82.2	81.5	81.3	81.0	80.6	80.8	81.2	81.1	82.3	83.2	83.8	85.0	87.2	90.4	83.3	124.2
.800	77.7	77.8	78.1	78.6	79.3	79.7	79.5	79.4	78.6	78.4	79.8	80.2	80.9	82.4	82.9	82.7	84.5	86.6	88.2	81.8	122.8
1.00	76.2	77.5	78.0	78.2	78.6	79.5	78.9	78.8	78.4	78.0	79.3	79.9	80.7	81.5	81.7	80.8	83.0	85.8	87.1	80.8	122.0
1.25	76.2	77.3	78.4	78.2	78.8	78.8	79.3	78.9	78.6	78.7	79.5	80.0	80.2	81.4	81.3	79.4	82.3	85.5	86.9	80.1	121.9
1.60	76.3	77.8	78.5	78.7	78.3	78.4	78.1	78.5	78.3	78.7	79.1	79.6	80.3	81.4	81.1	79.2	81.4	85.0	86.6	80.0	121.6
2.00	77.2	79.1	79.0	79.3	79.3	79.2	78.8	79.4	78.8	79.0	80.3	80.3	80.6	81.9	81.8	79.6	81.8	84.7	86.4	80.5	122.1
2.50	85.0	87.4	87.1	86.9	87.4	87.5	87.1	87.4	84.9	83.3	82.5	82.5	82.6	83.5	82.2	79.7	81.2	83.6	85.3	79.8	126.7
3.15	80.5	82.3	82.3	82.8	82.7	82.7	82.0	82.9	81.5	81.4	82.5	82.7	82.8	83.9	82.6	79.1	80.1	82.3	84.1	78.2	124.0
4.00	79.8	80.8	80.7	81.5	81.1	81.0	80.1	80.7	81.1	81.5	83.6	83.8	83.9	85.1	83.9	80.1	81.9	82.6	83.6	79.1	124.2
5.00	82.2	83.3	83.1	84.0	84.9	85.3	84.7	85.5	83.8	84.1	85.4	86.5	85.4	86.7	85.5	81.7	81.9	84.1	83.8	79.7	126.9
6.30	81.2	82.4	82.4	83.0	84.5	84.3	84.5	85.6	86.6	88.0	92.2	93.0	90.1	90.5	92.8	90.4	88.5	88.4	86.2	79.7	131.6
8.00	79.6	80.3	80.7	81.6	82.6	82.7	81.3	82.5	82.6	84.1	86.8	87.4	85.7	86.7	87.0	84.0	82.0	81.1	79.7	74.8	127.7
10.0	77.4	78.0	78.7	79.5	81.2	80.7	79.6	81.1	81.5	83.3	87.1	88.9	86.4	86.7	84.9	80.5	79.5	78.8	77.0	72.8	128.3
12.5	74.2	75.5	76.1	76.0	77.2	76.6	75.6	76.9	76.5	78.5	80.9	82.3	81.1	80.9	80.1	76.3	74.3	73.7	72.3	67.0	125.0
16.0	68.9	69.3	70.4	71.2	71.6	71.4	70.7	71.3	71.5	73.4	76.1	77.0	74.7	75.8	74.7	70.9	68.3	66.7	64.6	60.0	122.1
20.0	63.3	63.1	64.4	65.3	65.3	65.6	65.0	65.1	66.0	68.7	71.3	72.0	69.2	70.7	70.2	66.0	63.5	60.3	59.9	55.9	121.1
																			OAPWL =		130.5
TSPL	92.7	93.8	94.0	94.0	94.5	94.8	94.2	94.8	94.2	94.7	96.9	97.7	96.3	97.[illegible]	97.6	96.3	96.8	98.2	99.8	93.3	
OSPL	92.7	93.7	93.9	93.9	94.4	94.7	94.2	94.7	94.1	94.6	96.8	97.5	96.1	97.0	97.5	96.2	96.8	98.1	99.8	93.3	
PNLT	108.5	110.2	110.1	110.0	110.6	110.8	110.4	110.7	109.1	109.3	111.9	112.5	110.7	111.4	112.8	111.1	110.7	111.6	111.4	104.9	
PNL	106.5	108.0	108.0	108.0	108.4	108.6	108.1	108.6	107.6	108.3	110.9	111.5	110.0	110.8	111.7	109.9	109.7	110.6	110.7	104.9	

CONDITION = 5862 ALTITUDE = 150. FT SIDELINE

OSPL		75.8	83.3	87.1	90.1	92.1	92.8	94.1	94.[illegible]	94.6	96.6	97.1	95.5	96.0	96.0	93.6	92.6	91.6	89.9	76.8	
PNL		89.3	97.2	101.2	104.1	106.0	106.7	108.[illegible]	107.4	108.3	110.7	111.2	109.3	109.8	110.2	107.2	105.1	103.4	100.0	86.4	
PNLT		91.6	99.3	103.1	106.3	108.2	109.0	110.1	109.0	109.3	111.7	112.2	110.1	110.4	111.3	108.4	106.2	104.4	100.8	86.4	

CONDITION = 5862 ALTITUDE = 200. FT SIDELINE

OSPL		72.7	80.3	84.1	87.1	89.2	89.0	91.3	91.1	91.6	93.6	94.1	92.5	93.1	93.0	90.8	89.8	88.9	87.1	73.9	
PNL		85.6	94.0	98.1	101.2	103.2	103.9	105.2	104.5	105.3	107.7	108.2	106.3	106.8	107.2	104.1	102.0	100.2	96.9	82.7	
PNLT		87.9	96.1	100.1	103.3	105.2	106.2	107.3	106.0	106.3	108.7	109.2	107.1	107.4	108.3	105.4	103.1	101.2	97.7	82.7	

Point No. A-31

ENGINE MODEL = -0C
ENGINE NUMBER = 7(4741

STAND = X-30N
DATE = 1(/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5245
CORRECTED RPM = 5265

INLET TEMP = 55.00 F
TIME OF DAY = 2145
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	72.8	71.4	71.6	71.8	72.1	72.6	71.2	71.5	71.9	71.3	71.9	71.9	72.2	72.6	72.9	74.2	76.2	76.7	76.7	78.3	114.1
.063	75.1	75.7	76.1	75.7	75.6	74.9	73.5	73.0	74.5	74.4	74.6	73.5	74.4	74.3	74.8	75.9	77.2	77.5	76.5	76.7	116.1
.080	74.5	74.9	73.6	72.8	72.4	71.8	71.1	71.6	71.1	71.7	71.2	71.1	70.7	71.0	72.8	74.9	75.5	77.2	76.6	76.3	114.1
.100	72.9	73.3	72.6	70.7	71.1	70.6	70.6	70.6	70.1	70.6	71.1	70.2	70.7	71.4	72.0	74.6	77.3	77.4	76.9	75.7	113.8
.125	74.4	73.1	73.2	74.9	71.6	69.8	70.4	71.3	72.3	72.5	73.4	74.3	72.7	73.8	76.1	77.0	81.1	80.5	80.1	76.7	116.4
.160	72.6	72.8	71.8	72.4	69.9	69.8	69.4	70.8	71.2	71.5	72.6	73.5	73.7	74.1	75.5	77.9	79.3	79.7	79.9	74.3	115.7
.200	73.7	73.9	73.2	73.2	72.4	72.4	72.6	72.5	72.4	72.5	73.2	73.7	74.8	75.6	76.7	80.3	82.4	83.6	84.6	74.8	118.3
.250	75.4	76.1	76.2	75.1	73.4	74.4	74.1	74.8	75.3	74.9	75.0	75.6	74.9	76.1	77.9	79.4	81.4	82.9	82.9	77.1	118.4
.315	75.7	76.7	74.9	75.2	76.6	76.8	75.7	76.1	75.2	76.4	76.8	77.2	76.9	77.2	78.1	79.6	81.5	83.8	85.1	79.0	119.5
.400	76.7	76.6	79.2	77.7	77.0	78.9	77.9	79.0	78.0	78.9	78.3	79.1	78.3	78.7	79.0	80.6	82.3	84.7	87.4	80.4	121.2
.500	77.5	77.4	79.3	77.7	78.9	79.4	78.2	79.6	79.1	79.3	78.4	77.9	77.8	78.6	79.1	80.3	81.7	86.2	89.7	82.1	122.0
.630	77.4	78.2	78.8	78.1	77.9	79.0	78.1	79.0	77.8	77.5	77.4	77.7	78.1	78.6	80.1	81.1	82.2	86.1	87.6	81.8	121.5
.800	76.0	75.9	75.5	74.5	76.9	76.8	76.2	76.8	75.8	75.5	77.3	77.3	77.9	78.9	79.8	80.0	81.4	85.5	85.8	80.1	120.3
1.00	74.3	75.4	75.7	76.1	76.0	76.6	76.1	75.7	75.5	76.3	77.1	77.7	78.2	78.6	78.2	80.4	84.2	84.5	79.4	119.5
1.25	74.5	75.5	75.6	76.3	76.4	76.6	75.9	76.2	76.2	76.9	76.4	77.3	77.4	78.2	78.3	77.0	79.0	83.6	84.0	78.4	119.2
1.60	75.2	76.1	76.7	77.1	76.3	76.4	75.9	76.2	76.1	76.1	76.5	77.1	77.5	78.5	78.6	76.9	78.6	83.4	83.9	78.3	119.3
2.00	77.9	79.1	78.4	78.5	78.4	78.1	77.2	77.5	76.9	77.0	77.9	78.6	78.7	79.6	79.7	77.9	79.7	83.1	84.3	79.6	120.4
2.50	81.4	80.6	80.2	80.4	80.2	80.2	80.8	79.7	78.9	79.8	79.2	80.2	80.1	80.8	77.7	77.9	80.7	81.6	76.6	121.1
3.15	77.9	79.6	79.6	80.1	79.3	79.4	78.6	78.6	77.7	77.4	79.5	80.4	80.6	81.7	80.8	77.7	77.9	80.7	81.6	81.4	123.5
4.00	80.2	81.4	80.7	81.3	80.3	80.2	78.6	79.2	78.9	79.4	81.0	81.7	81.9	82.7	83.0	80.2	82.3	86.2	85.4	81.4	126.2
5.00	82.5	84.5	82.6	83.6	83.6	84.5	82.2	83.1	81.9	83.5	84.3	87.1	85.4	84.7	86.9	81.9	81.2	84.6	82.9	77.9	126.2
6.30	82.9	83.1	84.1	84.6	84.6	82.6	81.1	82.4	83.4	85.0	90.5	91.9	87.3	88.8	97.1	86.9	84.3	86.4	84.4	78.6	131.2
8.00	75.0	74.8	80.0	81.2	82.6	82.6	79.5	81.0	80.7	81.2	83.5	84.9	83.3	83.6	83.3	79.6	77.3	77.5	77.0	73.3	125.3
10.0	77.0	77.5	78.0	78.7	75.9	79.6	77.7	78.9	80.2	80.6	84.3	86.7	84.0	84.2	83.0	80.2	77.0	75.9	75.0	71.6	126.2
12.5	73.7	75.2	75.8	75.4	76.9	75.5	74.3	75.1	74.4	76.1	77.8	79.7	78.4	78.5	80.1	75.1	72.3	71.8	70.1	65.9	123.2
16.0	68.6	68.5	69.8	70.3	71.0	70.5	69.3	69.2	68.9	70.7	73.4	74.5	72.2	73.6	73.1	69.5	65.9	64.4	62.2	59.2	120.1
20.0	63.6	61.9	63.5	64.1	64.0	64.4	63.3	62.7	62.6	65.5	68.0	69.2	66.1	67.9	68.5	64.4	61.4	57.6	57.9	56.0	118.7
																				OAPWL =	136.8
TSPL	92.2	91.6	92.6	93.6	93.0	93.1	91.5	92.2	91.7	92.3	94.6	96.1	94.0	94.7	98.8	93.6	94.2	97.0	97.7	92.2	
OSPL	91.1	91.7	92.5	92.9	92.5	93.0	91.4	92.1	91.6	92.2	94.5	95.0	93.8	94.5	98.7	93.5	94.2	97.0	97.7	92.2	
PNLT	108.7	104.5	107.4	107.8	108.7	109.5	107.3	107.6	106.0	105.7	109.8	110.9	107.5	109.2	115.1	108.2	107.5	110.9	110.7	106.3	
PNL	108.7	107.1	108.1	108.6	108.4	107.9	105.2	105.7	104.8	105.7	108.7	110.8	107.5	108.5	113.1	107.1	106.6	109.8	109.7	104.9	

CONDITION = 5265 ALTITUDE = 150. FT SIDELINE

OSPL		74.5	81.6	85.4	87.4	90.4	90.0	91.4	91.4	92.2	94.3	95.5	93.2	93.5	97.2	90.9	90.1	90.4	87.7	75.6	
PNL		84.2	95.2	96.4	104.2	104.4	102.9	105.1	104.7	105.7	108.6	109.6	106.8	107.5	111.6	104.4	102.3	102.8	98.7	85.6	
PNLT		90.7	97.0	1 1.4	104.4	106.9	105.9	107.0	105.8	106.7	109.7	110.6	106.8	108.2	113.6	105.4	103.1	104.0	99.7	86.9	

CONDITION = 5265 ALTITUDE = 200. FT SIDELINE

OSPL		71.2	78.4	84.4	86.4	87.5	87.2	88.7	88.6	89.3	91.2	92.5	90.2	90.5	94.1	88.1	87.3	87.7	85.0	72.7	
PNL		84.5	92.4	94.9	99.3	101.6	101.8	102.3	101.7	102.7	105.6	106.6	103.8	104.5	108.5	101.3	99.3	99.7	95.4	81.6	
PNLT		87.5	93.5	96.4	101.4	104.1	103.1	104.2	103.8	104.7	107.7	108.6	104.8	106.3	110.6	103.4	100.1	100.4	96.0	82.8	

Point No. A-32

ENGINE MODEL = -60
ENGINE NUMBER = 740474

STAND = X-20B
DATE = 10/31/74

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5246
CORRECTED RPM = 5266

INLET TEMP = 55.00 F
TIME OF DAY = 3005
BARM. PRESSURE = 25.00 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.6	75.7	75.4	76.4	76.7	76.7	76.4	72.2	72.3	71.5	72.2	72.0	72.4	72.7	73.7	74.9	76.4	76.7	78.0	79.2	114.6
.063	75.2	75.7	75.5	76.1	76.0	75.0	73.6	74.1	74.1	74.5	73.5	73.8	73.4	74.7	73.4	76.4	76.7	78.0	77.5	77.7	116.1
.080	75.1	74.4	74.1	73.4	72.5	71.7	71.7	71.5	71.4	72.3	72.0	71.5	70.9	71.8	72.6	75.3	75.8	77.4	77.8	77.1	114.4
.100	72.8	73.1	72.2	71.2	71.2	70.9	70.7	70.6	70.6	70.6	70.6	70.7	70.8	71.8	72.0	75.1	77.0	77.3	78.1	77.0	114.0
.125	74.7	73.7	73.9	74.6	71.0	70.5	70.4	71.6	72.6	72.9	73.5	74.1	73.2	74.4	75.9	76.9	80.4	80.4	80.1	77.9	116.4
.160	72.9	72.6	72.7	73.4	70.1	70.1	70.4	71.5	72.6	72.2	73.5	74.0	74.4	74.9	76.7	79.1	80.2	80.2	80.3	75.7	116.4
.200	74.0	73.0	73.6	73.2	72.7	72.6	72.8	73.0	73.1	72.6	73.7	74.3	75.4	76.4	77.3	81.1	83.1	83.8	84.7	76.4	118.8
.250	76.1	76.6	76.6	75.8	74.2	74.9	74.6	75.4	76.1	75.6	75.8	75.9	75.9	77.1	79.0	80.4	82.3	83.2	83.2	78.0	119.1
.315	76.4	76.6	75.6	76.2	76.6	77.6	76.7	77.0	76.1	77.1	77.3	77.5	77.7	78.0	79.3	80.6	82.3	83.6	85.6	79.6	120.1
.400	76.7	77.7	77.5	77.6	77.6	79.3	78.9	79.7	79.1	79.5	79.2	79.2	79.2	79.2	80.4	81.8	82.6	84.6	87.7	81.3	121.8
.500	77.6	77.0	80.6	78.9	77.7	81.2	80.2	80.5	80.1	79.4	79.5	79.6	80.3	80.7	82.0	82.7	86.5	89.8	83.3	123.0
.630	79.1	78.6	81.6	78.5	79.6	81.6	80.8	79.8	80.5	79.1	79.1	79.1	79.2	80.9	81.9	82.6	83.6	86.4	88.4	83.2	122.8
.800	78.8	77.1	77.7	77.4	78.5	78.3	78.5	78.0	77.1	77.1	78.5	78.2	79.2	80.3	81.5	81.8	82.5	85.9	86.5	81.6	121.5
1.00	78.9	77.0	77.6	77.4	78.2	76.0	78.1	77.6	77.3	76.5	78.0	78.2	79.1	79.1	80.2	79.8	81.2	84.9	85.2	81.0	120.7
1.25	76.9	77.1	78.6	77.6	78.7	77.9	78.1	77.6	77.7	77.6	78.2	78.3	79.0	79.3	80.4	78.6	80.5	84.7	84.7	80.0	120.7
1.60	77.3	77.5	78.5	78.1	78.6	77.7	77.9	77.4	77.5	77.7	78.1	78.4	79.3	79.7	80.6	78.3	80.0	84.3	84.7	80.0	120.7
2.00	79.9	80.2	80.2	79.4	80.4	78.7	79.2	78.2	78.5	78.1	79.1	79.2	79.9	80.2	81.1	78.9	80.6	84.2	85.2	81.1	121.5
2.50	80.3	81.1	81.4	80.9	80.9	85.5	85.5	83.1	82.6	79.6	80.5	79.9	80.4	80.4	81.1	77.8	79.4	82.1	83.1	78.6	124.6
3.15	80.0	81.6	81.6	81.3	82.2	80.4	80.5	79.5	79.3	78.7	80.6	80.9	81.4	81.5	81.7	78.3	78.8	81.5	82.5	78.1	122.3
4.00	82.1	82.1	82.1	82.4	82.7	81.4	81.4	80.2	80.3	79.8	81.8	81.9	82.7	82.9	83.3	79.8	82.2	86.5	85.4	82.4	124.3
5.00	82.8	83.8	84.1	84.1	85.3	84.2	84.2	83.7	83.0	82.5	84.7	85.5	84.8	84.5	85.4	81.7	81.7	84.9	83.2	78.9	126.3
6.30	82.1	83.1	83.1	82.9	85.0	83.1	82.9	83.3	83.6	82.7	84.9	85.3	84.4	84.5	85.6	81.8	82.3	86.4	84.4	79.2	129.5
8.00	81.3	83.5	81.3	81.4	83.2	82.5	81.2	81.4	80.4	81.1	83.3	84.3	82.8	83.1	83.1	78.7	76.7	77.8	77.3	74.3	125.3
10.0	78.0	78.1	79.2	79.2	80.9	80.2	79.0	79.3	79.4	81.0	84.3	86.8	83.4	84.9	84.6	79.7	76.7	76.2	75.2	72.4	126.6
12.5	74.9	76.3	77.2	75.6	77.5	76.6	75.1	75.2	74.6	75.8	77.4	79.7	78.1	77.2	77.8	73.4	71.1	71.6	70.1	66.6	123.0
16.0	69.6	69.3	70.6	70.6	71.6	70.7	70.1	69.6	69.3	70.5	72.7	74.1	71.6	72.2	72.1	67.9	65.1	64.7	62.6	59.9	119.8
20.0	63.9	63.3	64.7	64.5	64.9	64.9	64.3	63.4	63.9	65.5	68.0	68.9	65.6	66.9	67.3	63.0	60.4	58.3	58.3	57.4	118.6
																				OAPWL =	136.9
TSPL	93.1	93.2	93.7	93.3	94.4	93.6	93.3	92.8	92.6	93.2	94.6	95.8	94.5	94.9	96.3	93.8	94.7	97.3	98.2	93.5	
OSPL	93.0	93.1	93.6	93.2	94.3	93.5	93.2	92.7	92.6	93.1	94.5	95.6	94.4	94.8	96.2	93.7	94.6	97.3	98.2	93.5	
PNLT	109.1	109.0	108.8	108.4	110.0	109.1	108.9	107.5	107.0	108.1	109.5	110.8	109.1	109.4	111.8	106.7	107.4	111.3	110.7	107.4	
PNL	107.1	107.2	107.2	106.6	108.1	107.1	107.0	106.1	105.7	107.2	108.6	109.8	108.3	108.6	110.6	106.1	106.9	110.2	110.0	106.1	

CONDITION = 5246 ALTITUDE = 150. FT SIDELINE

OSPL	74.9	82.0	86.3	89.8	91.5	91.8	92.1	92.4	93.1	94.4	95.3	93.8	93.8	94.8	91.2	90.5	90.8	86.2	76.8	
PNL	86.4	96.4	100.0	103.8	104.8	105.0	105.4	105.6	107.2	108.4	109.4	107.7	107.6	109.1	103.4	102.5	103.2	99.1	86.8	
PNLT	96.3	97.9	101.5	125.7	106.5	107.9	106.9	106.8	108.1	109.3	110.5	108.5	108.4	110.3	104.0	103.1	104.3	99.8	88.0	

CONDITION = 5266 ALTITUDE = 200. FT SIDELINE

OSPL	71.7	79.7	83.3	86.9	88.6	89.0	89.3	89.6	90.2	91.4	92.2	90.8	90.8	91.8	88.4	87.8	88.0	85.5	73.9	
PNL	84.6	93.2	97.1	100.9	101.7	102.8	102.8	102.7	104.2	105.4	106.4	104.7	104.6	106.0	100.4	99.5	100.1	95.8	82.9	
PNLT	84.6	94.7	98.5	102.8	103.7	104.7	104.6	103.9	105.2	106.3	107.5	105.5	105.4	107.3	101.0	100.1	101.2	96.3	84.1	

Point No. B(a)-1

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 3283
CORRECTED RPM = 3338

INLET TEMP = 42.00 F
TIME OF DAY = 1438
BARM. PRESSURE = 29.97 IN. HG.
WIND DIRECTION = SE
WIND VELOCITY = 1 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER LE-12W
.050	66.9	64.9	65.2	65.4	64.8	64.7	63.8	63.2	62.9	62.6	62.3	62.7	63.6	63.9	64.9	65.2	66.5	67.2	68.2	69.5	105.6
.063	71.7	70.2	65.6	69.7	68.6	68.1	67.8	66.9	68.1	67.4	67.3	66.5	67.3	67.0	66.7	67.5	68.3	68.6	70.1	70.1	109.0
.080	69.4	67.1	67.1	66.4	64.5	64.8	63.5	64.2	62.1	63.4	61.7	63.3	61.6	63.8	62.3	65.1	64.8	66.4	65.5	66.1	105.3
.100	67.4	65.2	65.9	64.4	64.2	64.1	63.9	63.7	62.2	62.8	62.5	63.6	61.5	62.3	62.7	65.3	65.7	68.4	65.3	65.2	105.2
.125	68.1	67.2	70.5	68.9	66.3	64.3	65.6	68.8	67.6	69.1	70.0	71.2	66.7	66.1	70.8	70.6	70.6	74.1	71.5	70.4	110.4
.160	68.5	69.1	69.6	69.3	70.4	69.7	66.8	70.0	70.0	70.8	70.3	70.8	70.6	70.6	70.7	71.7	73.4	73.6	75.0	71.5	111.9
.200	70.9	71.5	72.5	71.9	73.0	72.5	68.9	72.2	72.5	72.6	72.7	73.1	73.1	73.4	73.4	74.7	75.3	76.2	76.0	74.2	114.3
.250	69.6	69.1	71.6	70.1	66.9	68.1	67.5	69.8	69.8	70.7	71.6	72.0	69.5	68.7	72.8	71.7	71.8	72.5	74.9	72.2	111.8
.315	70.2	71.3	70.7	70.6	71.2	71.5	69.7	71.3	71.2	72.3	71.5	72.1	71.6	72.0	72.5	72.6	75.3	76.6	77.2	75.4	113.6
.400	68.5	67.3	70.1	70.0	67.6	67.7	67.7	69.7	68.5	69.8	68.9	69.8	68.8	68.8	70.0	70.8	72.7	74.4	78.6	71.8	111.8
.500	67.1	66.6	67.9	66.9	67.3	66.7	66.6	68.3	67.6	67.4	67.3	67.2	66.3	67.4	68.3	69.7	72.8	74.9	80.1	73.1	111.4
.630	66.2	66.4	67.1	66.5	65.7	66.5	66.4	67.5	66.5	66.8	67.5	67.9	67.0	67.5	68.9	70.4	71.0	74.4	76.9	71.2	110.3
.800	65.4	65.9	66.9	65.9	65.9	66.2	66.3	65.8	65.9	65.9	67.0	67.2	67.7	68.3	69.1	69.3	70.1	72.0	74.3	69.0	109.2
1.00	65.6	67.5	66.0	67.7	67.3	67.3	66.0	65.4	64.9	65.4	66.7	66.9	65.9	66.4	67.8	69.0	67.7	71.1	72.6	68.4	108.7
1.25	69.2	71.2	71.2	70.5	68.9	68.1	66.4	66.2	65.3	65.3	65.1	65.4	65.5	65.9	66.8	67.0	66.3	70.2	72.0	67.7	108.8
1.60	75.0	78.8	79.1	80.4	77.8	76.1	73.1	72.5	69.5	68.5	67.2	67.5	67.0	67.9	67.9	68.0	68.7	73.3	74.3	69.4	115.0
2.00	70.6	71.1	70.1	68.5	68.3	67.4	65.6	66.1	64.5	63.9	64.1	65.6	64.6	65.9	66.1	66.3	68.2	72.0	73.7	68.6	108.9
2.50	69.2	69.9	68.4	66.7	65.3	64.1	63.5	63.7	63.1	62.7	63.5	64.2	64.2	65.5	65.6	67.0	72.5	78.0	75.8	70.6	110.5
3.15	74.7	75.3	73.7	72.0	71.0	68.5	65.0	64.3	63.1	63.3	63.3	63.6	64.0	64.9	65.8	67.9	72.2	76.8	77.8	74.0	111.8
4.00	73.8	73.8	75.7	77.3	74.1	69.4	67.0	64.8	63.3	62.5	62.1	62.4	62.8	63.0	63.4	65.0	69.0	73.7	73.7	69.5	112.1
5.00	74.1	73.9	74.5	74.5	74.2	71.8	69.6	67.9	65.4	64.0	64.2	65.1	66.5	65.9	65.1	68.5	70.2	74.7	73.0	69.3	112.6
6.30	73.2	73.8	73.6	73.9	72.5	71.2	68.9	67.5	65.0	65.3	66.3	67.5	69.9	68.6	67.7	70.2	67.7	70.1	69.2	65.7	112.5
8.00	71.9	74.2	73.7	72.2	71.8	70.1	67.8	67.4	67.4	69.9	70.1	71.3	72.8	75.3	76.0	72.8	68.3	66.9	65.6	2.9	115.0
10.0	68.5	69.8	70.0	70.4	70.3	69.8	69.1	69.2	72.1	77.1	74.4	75.9	77.0	80.1	82.5	76.6	72.3	69.8	66.1	4.3	120.4
12.5	64.8	66.3	66.8	65.5	66.6	63.8	62.4	62.0	61.7	63.1	65.7	67.1	67.9	67.7	69.2	69.4	64.4	61.7	58.7	5.3	112.6
16.0	61.2	61.0	64.3	61.1	61.1	58.9	58.5	58.1	57.9	58.8	61.6	63.0	62.4	63.3	63.8	63.4	61.1	56.5	57.0	7.0	110.2
20.0	61.5	9.8	63.3	61.0	10.6	10.6	10.7	9.8	60.7	61.6	62.1	63.1	10.8	11.3	64.8	62.4	62.0	59.8	62.0	11.3	113.6
																			OAPWL =		126.8
TSPL	84.7	85.5	85.8	85.9	84.6	83.3	81.5	82.0	81.6	82.9	82.4	83.2	83.2	84.5	86.0	84.4	84.9	87.3	88.4	84.4	
OSPL	84.6	85.4	85.7	85.9	84.5	83.2	81.4	82.0	81.5	82.8	82.3	83.0	83.0	84.3	85.8	84.2	84.8	87.2	88.4	84.4	
PNLT	99.5	101.0	101.6	102.8	100.3	98.1	95.7	95.2	93.1	94.6	93.3	94.0	94.5	95.9	97.4	95.3	97.1	101.4	101.8	99.6	
PNL	97.8	98.5	98.8	99.2	97.3	95.3	93.3	93.1	91.6	93.3	92.4	93.4	93.7	95.3	96.7	94.8	96.6	100.2	100.8	96.3	

CONDITION = 3338 ALTITUDE = 150. FT SIDELINE

OSPL		67.7	75.2	79.1	80.2	80.7	80.0	81.4	81.4	82.8	82.1	82.7	82.4	83.3	84.2	81.6	80.7	80.8	78.5	68.1	
PNL		79.5	87.5	92.1	92.8	92.8	91.9	92.5	91.4	93.3	92.2	93.0	93.1	94.2	95.1	92.0	92.3	93.4	90.0	77.9	
PNLT		82.0	90.3	95.8	95.9	95.6	94.3	94.6	92.9	94.6	93.1	93.7	93.8	94.8	95.7	92.5	92.8	94.6	91.1	79.9	

CONDITION = 3338 ALTITUDE = 200. FT SIDELINE

OSPL		64.5	72.2	76.2	77.4	77.9	77.3	78.7	78.6	79.9	79.3	79.8	79.4	80.1	81.0	78.7	78.0	78.0	75.7	65.3	
PNL		75.8	84.3	89.0	89.8	89.9	89.0	89.7	88.6	90.1	89.1	89.8	89.8	90.9	91.7	89.1	89.3	90.4	86.8	74.3	
PNLT		78.4	87.2	92.6	92.9	92.7	91.4	91.8	90.2	91.4	90.0	90.5	90.6	91.5	92.4	89.6	89.9	91.6	87.9	75.8	

Point No. B(a)-2

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 4100
CORRECTED RPM = 4168

INLET TEMP = 42.00 F
TIME OF DAY = 1453
BARM. PRESSURE = 29.97 IN. HG.
WIND DIRECTION = SE
WIND VELOCITY = 1 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.-JF. RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	69.6	67.9	67.8	68.1	67.5	67.6	66.4	66.5	65.7	65.6	66.0	65.8	66.7	67.4	67.9	68.8	70.3	70.7	72.2	84.4	110.3
.063	72.3	72.0	71.0	71.4	69.3	69.7	67.9	68.3	68.6	68.6	68.1	67.7	68.4	68.6	68.6	70.2	71.0	71.1	72.4	83.4	111.4
.080	65.6	73.3	65.0	68.7	67.2	66.7	65.8	65.8	64.2	65.4	64.4	65.5	64.4	65.5	65.6	67.5	68.3	68.9	70.6	82.0	109.1
.100	68.1	71.0	67.3	67.6	67.1	66.6	66.5	66.0	64.6	64.9	65.2	66.0	64.6	65.0	66.0	68.4	71.3	71.8	70.6	81.1	109.3
.125	70.6	70.4	72.4	70.5	69.8	69.0	68.6	70.4	69.7	69.6	71.2	72.7	70.1	67.8	72.5	72.9	77.3	77.5	76.8	80.0	113.5
.160	70.4	72.1	71.1	71.0	71.5	71.0	68.6	71.5	71.7	72.0	71.9	72.2	72.2	72.0	72.3	73.8	76.2	76.6	79.1	79.4	114.1
.200	72.6	73.3	73.9	73.4	74.2	73.6	70.9	73.5	73.8	73.5	73.9	74.1	74.3	74.8	74.6	76.2	77.5	78.8	80.5	79.1	116.1
.250	71.1	72.1	72.8	71.6	70.5	71.2	70.3	71.6	71.3	71.9	72.9	73.3	72.2	71.6	73.8	73.8	73.9	75.7	77.7	77.1	113.9
.315	72.2	73.1	72.9	72.6	73.5	73.4	73.1	73.8	73.6	74.8	74.1	74.5	74.2	74.6	75.3	75.2	76.9	78.8	81.6	78.2	116.2
.400	73.5	71.3	72.7	71.7	72.7	72.5	71.4	73.3	73.0	72.9	72.4	73.1	72.3	72.5	73.5	74.2	76.0	77.6	83.2	76.8	115.5
.500	71.0	71.1	72.1	70.6	72.0	71.5	71.5	72.6	72.5	71.9	71.2	71.3	70.6	71.8	72.4	73.9	75.8	77.8	84.8	77.1	115.6
.630	70.4	70.4	70.4	70.3	70.3	70.8	71.0	71.4	70.5	70.6	70.8	71.6	71.1	71.6	73.0	74.0	74.6	78.8	82.4	76.5	114.6
.800	68.8	69.4	70.0	69.4	70.5	70.2	70.4	70.8	69.8	70.4	71.1	71.5	72.2	73.1	73.5	73.3	73.8	77.1	79.7	74.8	113.7
1.00	68.7	70.1	70.6	69.7	70.7	69.8	69.9	69.3	68.8	68.7	69.6	70.0	70.2	70.6	71.5	71.9	71.5	75.7	78.3	73.2	112.5
1.25	70.9	72.3	72.2	71.0	71.1	69.9	69.3	69.4	69.1	69.0	69.0	69.3	69.5	70.3	70.9	70.4	70.6	75.2	77.7	72.7	112.3
1.60	74.7	74.2	74.4	72.9	72.9	71.0	70.6	70.2	69.4	69.4	69.1	69.6	70.0	70.8	70.8	70.1	70.6	75.3	78.1	72.7	113.0
2.00	85.8	84.0	81.8	78.0	78.8	75.4	74.8	75.0	72.6	71.4	70.3	71.1	70.5	70.7	71.6	70.9	73.4	76.9	79.5	73.9	117.0
2.50	72.4	72.9	72.1	70.8	70.3	68.3	68.0	68.1	67.9	67.6	67.8	68.2	68.4	69.2	68.9	67.7	70.2	74.3	77.0	71.5	111.6
3.15	73.2	73.2	73.1	72.0	71.6	68.5	67.4	67.1	67.1	67.2	66.8	67.5	68.0	68.3	68.6	69.6	74.0	79.6	79.7	73.2	113.6
4.00	79.2	79.5	78.5	77.6	78.0	75.0	72.5	70.6	69.1	68.3	68.5	68.8	69.4	69.8	71.0	73.1	78.2	82.8	83.7	77.5	118.0
5.00	78.1	80.4	81.4	77.2	77.9	75.2	73.1	71.4	69.8	68.7	69.1	71.6	72.5	71.5	70.1	71.5	75.0	81.4	80.4	73.3	117.6
6.30	75.9	77.0	77.2	78.0	78.9	77.8	77.2	76.0	73.3	71.2	70.6	71.7	72.5	71.2	70.1	70.3	70.2	73.6	74.7	69.6	117.7
8.00	74.1	75.4	75.1	74.9	76.3	74.9	73.4	73.2	72.4	73.2	74.3	75.4	76.5	77.4	76.8	73.6	70.1	70.5	70.9	67.1	118.1
10.0	71.8	73.9	72.8	72.9	74.9	72.3	71.5	72.1	72.6	75.9	74.8	78.9	79.7	78.9	78.6	76.1	71.9	70.0	68.6	65.6	120.2
12.5	68.3	69.8	70.2	69.2	72.2	69.0	67.7	68.3	68.1	70.0	71.0	73.6	74.3	73.8	74.1	72.2	67.7	65.4	63.8	62.2	117.7
16.0	64.5	64.7	65.7	65.3	67.1	63.8	63.2	62.8	63.0	64.5	67.0	68.3	67.4	68.1	68.6	67.2	63.5	59.7	58.2	60.5	114.9
20.0	62.6	61.3	64.3	62.8	63.6	60.6	60.6	60.9	62.0	63.3	64.6	66.0	64.0	64.9	66.8	65.0	63.1	59.6	61.8	63.9	117.0
																				OAPWL =	129.8
TSPL	89.4	89.3	88.8	87.2	87.9	86.3	85.3	85.5	84.7	85.0	85.1	86.3	86.5	86.5	86.8	86.7	88.0	90.9	93.2	91.9	
OSPL	89.3	89.2	88.7	87.1	87.7	86.1	85.1	85.4	84.6	84.8	84.8	85.9	86.1	86.2	86.5	86.5	88.0	90.9	93.2	91.9	
PNLT	107.3	106.3	105.2	102.6	103.4	101.0	100.1	99.8	97.7	96.2	95.7	97.5	97.2	98.0	98.1	98.0	102.1	104.6	107.2	103.0	
PNL	103.3	102.8	102.4	100.5	101.0	99.1	98.3	97.8	96.4	95.7	95.7	96.9	97.2	97.5	97.6	98.0	100.8	104.6	106.1	101.6	

CONDITION = 4168 ALTITUDE = 150. FT SIDELINE

OSPL		71.3	77.9	80.2	83.3	83.5	83.8	84.8	84.5	84.8	84.6	85.6	85.5	85.2	85.1	83.9	83.9	84.3	83.2	76.2	
PNL		84.3	91.0	93.4	96.5	96.4	96.8	97.2	96.2	95.7	95.5	96.5	96.5	96.5	96.1	95.4	96.5	97.7	95.1	82.4	
PNLT		87.8	93.9	95.5	98.9	98.3	98.6	99.2	97.5	96.2	95.5	97.1	96.5	97.0	96.6	95.4	97.7	97.7	96.2	83.7	

CONDITION = 4168 ALTITUDE = 200. FT SIDELINE

OSPL		68.0	74.8	77.3	80.3	80.7	80.9	82.0	81.7	82.0	81.9	82..	82.5	82.2	82.2	81.2	81.2	81.5	80.4	73.6	
PNL		80.6	87.8	90.3	93.5	93.3	93.8	94.3	93.3	92.8	92.5	93.5	93.6	93.4	93.0	92.5	93.5	94.5	91.8	78.5	
PNLT		84.2	90.7	92.3	95.5	95.3	95.6	96.2	94.6	93.3	92.5	94.1	93.6	93.9	93.5	92.5	94.7	94.5	92.9	79.8	

Point No. B(a)-3

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 5190
CORRECTED RPM = 5282

INLET TEMP = 41.00 F
TIME OF DAY = 1506
BARM. PRESSURE = 29.97 IN. HG.
WIND DIRECTION = SE
WIND VELOCITY = 1 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	72.8	72.3	71.2	72.6	70.7	72.4	70.1	72.1	70.2	72.5	70.6	73.3	71.2	73.7	72.1	74.9	74.6	76.4	76.6	84.5	114.3
.063	76.5	75.0	76.0	74.6	74.7	73.6	72.5	74.3	74.8	75.0	74.2	75.3	74.5	75.5	74.5	76.9	76.3	78.2	77.6	84.5	116.5
.080	73.9	76.8	73.5	75.1	72.1	74.7	71.4	76.4	70.5	76.6	70.8	77.7	70.7	76.7	72.0	77.6	73.8	79.2	75.5	83.9	116.3
.100	72.4	77.8	71.8	76.8	71.4	76.8	70.7	77.3	69.3	77.5	69.3	78.6	69.4	77.7	70.6	78.7	74.5	79.8	74.3	83.7	116.9
.125	74.4	79.3	76.0	79.7	72.6	78.1	72.5	79.3	72.5	79.5	73.5	80.3	72.8	78.8	74.4	79.9	78.3	80.6	76.9	82.2	118.8
.160	73.6	79.4	74.4	78.8	73.6	78.2	72.4	78.5	74.0	78.5	74.4	78.7	74.9	78.1	75.4	79.4	79.5	81.8	81.8	82.3	118.9
.200	74.9	79.4	75.4	79.4	75.4	79.5	73.0	79.8	75.1	79.9	75.2	81.1	76.1	81.6	76.7	83.1	81.2	85.5	82.6	84.5	120.9
.250	75.1	80.3	75.7	79.7	74.1	80.1	74.6	80.7	74.6	80.9	76.1	82.3	75.8	81.1	77.6	82.4	78.5	82.5	80.4	82.4	120.5
.315	75.7	80.6	76.1	80.6	76.6	80.8	76.6	81.0	77.0	81.6	78.0	81.9	78.2	81.7	79.4	82.3	80.5	84.1	85.0	84.1	121.6
.400	77.0	79.2	76.7	80.6	76.3	80.5	76.2	81.3	77.0	80.7	76.7	81.8	76.9	81.1	78.3	82.0	79.6	83.0	85.8	83.1	121.3
.500	75.8	79.4	76.8	80.0	77.1	80.1	77.0	80.7	78.1	80.3	75.8	80.3	75.7	80.7	77.7	81.7	79.4	83.8	89.6	84.6	121.8
.630	75.2	78.8	75.3	79.2	75.2	79.2	76.1	79.6	75.8	79.3	75.7	79.7	76.4	80.1	78.1	81.1	79.3	83.8	86.3	84.4	120.7
.800	73.4	77.4	74.4	77.6	75.0	78.3	75.1	78.3	74.9	78.1	76.1	79.0	77.0	79.9	78.4	80.1	78.8	82.6	84.1	81.6	119.7
1.00	72.8	76.1	74.5	76.0	74.6	76.2	74.5	76.4	74.0	76.0	74.5	76.9	75.2	77.5	76.7	78.2	76.7	81.4	82.7	80.3	118.1
1.25	73.2	75.6	75.1	75.8	74.8	75.4	74.2	75.5	74.2	75.8	74.2	76.0	74.9	76.9	75.9	76.5	75.6	80.5	82.1	79.3	117.5
1.60	73.9	77.2	75.5	75.4	74.6	74.6	74.1	74.9	74.1	75.0	73.6	74.9	74.5	76.0	74.9	75.6	75.4	80.1	82.1	79.0	117.1
2.00	76.0	77.0	77.4	77.0	75.5	75.5	74.5	75.2	74.6	74.8	75.0	75.7	75.1	75.9	75.1	75.5	76.4	80.3	83.0	79.7	117.9
2.50	77.6	79.8	80.1	79.8	78.2	77.3	76.5	76.3	74.5	74.4	74.2	74.7	74.8	75.3	73.9	73.3	74.9	77.7	80.5	77.2	118.1
3.15	74.9	76.0	75.4	74.9	74.5	73.2	72.6	72.9	72.9	72.8	72.5	73.3	73.5	73.5	72.4	71.5	72.9	76.3	78.8	75.6	115.5
4.00	77.9	78.4	77.4	77.1	76.6	74.9	73.9	73.1	72.6	72.0	72.0	72.2	72.7	72.6	72.1	73.0	76.8	81.1	80.8	78.0	117.5
5.00	80.6	80.4	81.0	81.5	80.7	79.4	78.3	77.3	75.8	74.0	75.4	77.0	77.8	78.4	74.3	74.3	77.2	81.1	80.3	77.1	120.4
6.30	79.6	80.1	79.6	79.4	80.3	79.5	77.0	76.6	75.3	75.1	77.0	78.7	77.7	76.8	75.3	77.8	77.5	81.6	80.1	75.7	120.9
8.00	77.1	78.0	77.6	78.3	79.2	78.9	77.3	76.9	74.8	74.6	76.9	77.8	76.1	76.6	75.0	72.3	70.0	71.9	72.1	69.6	120.1
10.0	75.1	76.0	75.8	76.3	77.3	77.0	76.0	75.8	75.5	77.1	80.5	82.1	79.7	81.5	79.9	76.6	72.5	72.2	71.0	69.4	122.7
12.5	72.4	74.1	74.7	73.6	74.8	74.1	72.9	73.7	73.4	75.6	76.8	78.2	78.3	78.1	78.1	75.9	70.8	69.7	67.6	66.0	122.2
16.0	68.7	68.9	69.7	69.9	70.2	69.9	68.8	69.0	70.1	72.0	74.6	75.1	74.1	74.9	74.3	71.9	66.9	65.0	62.5	6.9	120.9
20.0	65.9	65.2	66.9	66.7	66.3	66.2	64.9	65.3	67.1	69.3	71.1	71.9	70.1	71.7	71.7	69.4	65.6	61.4	63.9	11.2	121.9
																			OAPWL =		134.1
TSPL	89.9	92.2	90.5	92.2	90.2	91.8	89.0	91.7	88.7	91.6	89.6	92.9	90.0	92.7	90.4	92.9	91.3	95.1	96.3	95.6	
OSPL	89.7	92.1	90.3	92.1	90.0	91.7	88.8	91.6	88.5	91.4	89.2	92.6	89.5	92.4	89.9	92.7	91.2	95.1	96.2	95.6	
PNLT	103.5	105.4	104.8	105.8	104.3	103.5	101.5	102.5	101.1	101.3	101.3	103.1	102.2	104.5	100.6	103.3	103.0	107.2	108.0	104.9	
PNL	103.0	104.3	103.6	104.5	103.2	103.5	101.5	102.5	100.3	101.3	100.7	103.1	101.6	103.3	100.6	102.5	102.4	106.3	106.8	104.9	

CONDITION = 5282 ALTITUDE = 150. FT SIDELINE

OSPL	75.3	79.8	85.6	85.7	89.2	87.4	91.1	88.4	91.4	89.0	92.3	88.9	91.5	88.6	90.3	87.2	88.7	86.4	79.8	
PNL	85.4	92.4	97.5	98.7	100.8	100.1	101.9	100.2	101.3	100.6	102.8	101.0	102.3	99.2	99.9	98.0	99.4	96.0	86.6	
PNLT	86.6	93.6	98.8	99.8	100.8	100.1	101.9	100.9	101.3	101.2	102.8	101.6	103.6	99.2	100.6	98.0	100.0	97.2	86.6	

CONDITION = 5282 ALTITUDE = 200. FT SIDELINE

OSPL	72.4	76.8	82.8	82.8	86.5	84.6	88.4	85.6	88.8	86.2	89.6	86.1	88.8	85.8	87.7	84.6	86.1	83.7	77.1	
PNL	81.8	89.2	94.3	95.7	97.9	97.2	99.0	97.3	98.5	97.6	99.9	98.1	99.4	96.3	96.9	95.1	96.4	93.0	83.2	
PNLT	82.9	90.4	95.6	96.7	97.9	97.2	99.0	98.1	98.5	98.2	99.9	98.7	100.7	96.3	97.7	95.1	97.0	94.1	83.2	

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. B(a)-4

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5660
CORRECTED RPM = 5766

INLET TEMP = 40.00 F
TIME OF DAY = 1522
BARM. PRESSURE = 29.97 IN. HG.
WIND DIRECTION = SE
WIND VELOCITY = 1 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.1	72.1	72.1	72.9	73.1	72.1	71.5	71.9	71.9	72.3	72.7	72.3	73.1	73.0	73.8	74.9	76.3	76.5	78.2	94.8	118.1
.063	77.3	75.2	77.0	74.5	75.7	73.0	74.2	72.0	75.7	73.1	75.3	72.2	75.8	73.9	75.9	76.2	77.3	76.7	78.6	93.8	118.4
.080	74.0	73.9	72.8	72.5	71.3	70.8	70.7	70.7	69.7	69.4	69.5	69.7	70.1	70.7	72.0	73.9	74.9	75.0	76.3	92.2	116.0
.100	73.6	73.5	73.0	72.3	72.5	71.3	71.6	71.1	70.5	70.5	70.1	70.2	70.1	71.1	71.5	73.9	76.0	75.9	74.7	91.4	115.8
.125	74.9	73.6	74.5	74.1	71.9	71.1	71.9	73.5	72.8	73.3	73.8	75.2	73.4	73.5	75.4	76.6	80.0	80.5	78.4	90.3	117.4
.160	74.3	74.4	74.5	73.9	73.3	73.3	72.5	73.9	74.3	74.8	74.9	75.6	75.5	75.9	76.6	78.3	81.6	82.5	82.7	89.0	118.5
.200	75.6	75.7	76.1	75.8	75.8	75.4	74.2	75.1	75.5	75.3	75.8	76.2	77.2	78.0	78.1	80.7	82.9	83.9	83.3	87.7	119.7
.250	76.1	77.0	76.3	76.4	75.8	76.7	76.3	76.7	75.8	76.3	77.3	77.9	77.8	78.0	79.3	79.5	80.7	81.8	80.9	86.4	119.1
.315	77.2	78.2	77.7	77.8	78.2	77.9	78.0	78.6	78.7	79.8	79.4	80.0	79.5	80.5	81.5	81.5	82.1	83.2	85.5	85.8	121.
.400	78.5	76.6	78.8	78.4	78.4	78.8	77.6	79.6	79.1	78.6	78.5	79.1	79.0	79.3	80.7	80.9	81.4	83.7	85.8	85.6	121.
.500	77.4	77.3	78.5	77.6	78.8	78.6	78.4	79.3	79.4	78.3	77.5	77.8	77.8	78.9	80.2	80.6	81.1	83.5	89.2	87.6	121.
.630	77.3	76.7	77.1	77.2	76.6	77.8	77.9	78.2	77.7	77.4	77.5	78.0	78.4	79.1	80.6	80.7	81.5	83.8	86.0	87.4	120.6
.800	75.1	75.9	76.3	76.4	77.3	77.7	77.3	77.6	77.2	77.0	78.2	78.5	79.1	80.1	80.7	79.8	80.9	83.3	83.5	84.6	120.3
1.00	74.7	76.0	75.9	75.8	76.0	76.1	75.8	76.0	75.8	75.6	76.2	77.0	77.2	77.8	78.8	77.9	79.0	82.2	82.5	83.9	118.9
1.25	74.6	75.6	76.6	76.2	76.5	76.0	76.0	76.5	76.2	76.3	76.4	77.0	77.1	77.9	78.0	76.8	77.9	81.6	82.7	82.8	118.8
1.60	74.9	75.8	76.4	76.1	75.9	75.6	76.0	76.1	76.2	76.3	75.9	76.3	76.8	77.3	77.2	76.2	77.3	81.1	82.7	83.2	118.5
2.00	77.6	77.6	77.4	76.6	76.0	75.4	75.8	76.2	76.1	75.9	76.5	77.0	76.8	77.0	76.6	75.8	77.8	80.5	82.5	82.3	118.6
2.50	85.2	82.6	82.4	82.8	79.3	78.0	76.8	76.6	76.4	75.9	76.4	76.8	77.3	77.2	76.3	75.5	77.3	79.8	82.1	82.0	119.9
3.15	79.0	78.2	77.6	77.4	76.1	74.7	74.2	74.9	75.0	74.9	75.1	75.6	75.7	75.4	74.6	73.5	74.8	77.2	79.4	79.0	117.4
4.00	78.3	78.5	78.2	78.2	77.3	75.8	75.1	74.8	74.6	74.0	74.3	74.5	74.8	74.2	73.5	72.7	75.2	77.8	78.6	78.2	117.7
5.00	80.4	80.7	80.9	80.8	81.3	79.2	78.6	78.1	77.5	75.6	75.7	75.6	75.7	74.8	74.5	74.2	77.1	80.4	80.5	79.8	120.5
6.30	79.6	80.8	79.9	80.3	80.2	78.6	77.7	77.5	76.3	76.4	78.7	81.6	81.5	79.9	79.5	78.7	80.4	83.7	82.0	77.5	122.4
8.00	77.4	78.6	78.9	79.2	79.1	77.9	77.1	76.5	75.0	75.1	76.6	78.1	76.6	75.0	75.3	72.5	71.1	72.8	73.0	72.2	120.1
10.0	75.7	76.6	76.5	77.5	78.2	76.5	76.1	76.5	77.2	81.4	82.7	84.6	82.1	82.2	81.6	78.6	74.4	73.3	71.7	71.5	124.6
12.5	72.9	74.8	75.1	74.7	75.8	74.0	73.3	74.6	75.1	77.2	78.8	80.0	80.0	79.3	79.5	76.4	72.0	71.0	69.0	69.9	123.5
16.0	69.4	70.1	71.0	71.4	71.2	69.7	69.7	70.1	71.7	74.2	76.4	77.4	76.2	76.4	75.7	73.2	67.9	66.1	6.4	71.0	122.5
20.0	66.7	66.3	67.8	68.2	67.4	66.5	66.0	66.5	68.9	71.6	73.7	74.4	72.7	73.8	73.8	71.2	66.7	63.1	11.3	75.2	124.0
TSPL	91.7	91.4	91.6	91.4	91.1	90.4	90.0	90.3	90.2	90.5	91.2	92.1	91.7	91.9	92.3	92.0	93.0	95.0	OAPWL = 96.4	101.7	134.8
OSPL	91.6	91.2	91.4	91.3	90.9	90.2	89.8	90.2	90.0	90.1	90.7	91.6	91.3	91.4	91.9	91.7	93.0	94.9	96.4	101.7	
PNLT	108.1	106.3	106.4	106.8	105.1	102.8	102.8	102.3	102.7	101.4	103.0	104.6	104.5	104.0	103.9	103.5	105.0	107.7	108.2	108.6	
PNL	105.8	104.8	104.8	104.8	104.0	102.8	102.3	102.3	101.9	101.4	102.3	103.8	103.7	103.1	103.1	102.6	104.0	106.5	107.1	108.6	

CONDITION = 5766 ALTITUDE = 150. FT SIDELINE

OSPL	73.6	80.9	84.5	86.6	87.7	88.5	89.6	89.8	90.1	90.5	91.2	90.7	90.5	90.5	89.3	89.0	88.6	86.6	86.2	
PNL	86.0	93.9	98.0	95.6	100.1	100.9	101.7	101.8	101.4	102.2	103.4	103.0	102.1	101.7	99.9	99.5	99.4	96.5	90.8	
PNLT	87.6	95.6	99.9	100.7	100.1	101.4	101.7	102.6	101.4	102.9	104.2	103.9	103.0	102.5	100.8	100.6	100.6	97.6	90.8	

CONDITION = 5766 ALTITUDE = 200. FT SIDELINE

OSPL	70.5	78.0	81.6	83.8	84.9	85.7	86.9	87.1	87.4	87.7	88.3	87.8	87.7	87.8	86.6	86.3	85.9	83.9	83.6	
PNL	82.3	90.7	95.0	96.5	97.1	97.9	98.8	98.9	98.6	99.2	100.5	100.1	99.2	98.7	96.9	96.4	96.2	93.4	87.3	
PNLT	83.9	92.4	96.9	97.6	97.1	98.5	98.8	99.7	98.6	99.9	101.3	101.0	100.0	99.5	97.8	97.5	97.4	94.5	88.3	

Point No. B(a)-5

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5990
CORRECTED RPM = 6114

INLET TEMP = 38.00 F
TIME OF DAY = 1533
BARM. PRESSURE = 29.97 IN. HG.
WIND DIRECTION = SE
WIND VELOCITY = 1 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	72.8	72.0	72.3	72.9	72.5	72.5	71.9	71.6	71.3	71.5	72.0	72.8	73.1	73.4	74.1	75.7	76.7	77.1	78.4	92.7	117.1
.063	73.9	74.5	74.7	74.8	74.0	72.9	72.8	72.1	72.8	72.4	71.7	71.6	73.1	74.2	74.7	76.9	77.8	78.0	78.4	91.4	117.1
.080	74.1	73.8	73.1	72.5	71.4	70.5	70.6	69.9	68.7	68.7	69.3	70.1	70.4	71.6	73.1	75.1	76.1	76.4	77.4	90.3	115.4
.100	74.6	75.5	73.6	72.5	71.9	70.8	70.9	70.2	69.8	69.9	69.9	70.5	70.8	72.0	72.4	75.2	77.3	77.0	76.0	89.4	115.4
.125	74.3	73.7	74.0	73.4	71.6	70.4	71.3	73.2	72.7	73.4	74.1	75.4	74.3	74.2	76.2	77.9	80.2	80.8	78.4	88.5	117.2
.160	74.4	75.0	74.4	73.7	73.5	73.2	72.3	73.9	74.7	75.2	75.5	75.9	76.4	76.7	77.7	79.3	81.9	82.5	83.4	87.3	118.7
.200	76.3	76.7	76.8	76.3	76.3	75.5	74.3	75.7	76.0	75.8	76.2	76.7	77.8	78.9	79.2	82.1	83.3	83.7	84.2	86.5	120.1
.250	77.3	78.1	77.5	77.5	77.0	78.1	77.3	77.5	76.8	77.1	78.5	79.1	78.7	79.5	80.8	81.0	81.9	82.0	82.1	85.5	120.3
.315	78.3	79.3	79.1	78.9	78.8	78.9	79.1	79.8	80.7	81.4	80.8	81.4	80.9	82.0	83.1	83.1	82.9	83.5	87.2	85.8	122.6
.400	79.6	77.5	79.8	79.5	79.3	80.0	78.6	80.1	80.2	79.9	79.9	80.3	80.5	80.7	82.1	82.2	82.2	83.5	87.3	85.9	122.2
.500	78.6	78.8	80.4	78.8	79.5	79.8	79.8	80.3	80.1	79.4	78.7	78.9	79.2	80.0	80.9	81.8	82.0	83.8	91.0	87.9	122.8
.630	78.1	78.6	78.0	78.2	77.7	79.2	79.1	79.4	78.8	78.4	78.9	79.2	79.7	80.6	81.9	81.7	82.6	84.5	87.7	88.3	122.0
.800	75.9	76.7	77.7	77.5	78.5	78.8	78.5	78.9	78.5	78.7	79.4	79.9	80.9	81.6	82.1	81.2	81.8	84.3	85.7	85.6	121.7
1.00	75.4	76.6	77.1	76.8	77.1	77.0	76.9	77.3	77.2	76.9	77.0	78.3	78.7	79.4	80.3	79.0	80.1	83.2	84.4	84.4	120.1
1.25	75.2	76.4	77.8	77.3	77.3	77.4	77.5	77.5	77.7	77.5	77.8	78.5	78.7	79.0	79.4	77.9	79.1	83.0	84.9	84.2	120.2
1.60	75.4	76.5	77.4	77.2	77.1	76.8	77.4	77.6	77.7	77.7	77.3	77.8	78.4	78.7	78.6	77.5	78.4	82.5	84.8	84.3	120.0
2.00	75.5	76.6	77.0	77.3	77.0	76.4	76.8	77.2	77.2	77.2	77.8	78.1	78.1	78.2	77.8	77.0	79.0	82.3	84.4	83.3	119.8
2.50	78.4	80.5	79.4	79.6	78.7	77.5	78.1	77.9	77.6	77.6	77.7	78.4	78.5	78.4	78.0	77.3	79.2	82.3	85.1	84.4	120.6
3.15	77.6	77.5	78.7	78.4	77.9	76.4	76.4	76.7	76.5	76.8	76.5	77.2	77.0	76.8	75.7	74.9	76.1	78.9	81.4	80.5	118.9
4.00	77.0	77.4	77.7	77.8	77.2	76.3	75.8	75.6	75.7	75.4	75.5	75.9	76.1	75.4	74.7	73.7	75.3	78.1	79.9	79.2	118.4
5.00	77.6	78.7	79.0	78.8	79.1	77.8	76.7	76.4	75.9	75.8	76.2	76.0	76.1	75.7	75.0	75.0	78.2	81.7	81.4	79.9	119.8
6.30	77.1	78.4	78.3	78.1	78.4	77.6	77.5	77.9	78.5	79.5	81.6	81.7	84.4	79.:	79.2	81.1	80.8	84.1	82.2	78.3	123.1
8.00	75.2	76.2	76.6	76.4	76.3	75.1	74.5	74.5	74.1	76.6	77.4	78.7	80.0	76.9	76.9	76.9	73.9	76.1	76.0	74.2	120.1
10.0	73.0	73.6	74.6	74.5	74.6	73.6	73.7	75.3	77.0	80.6	80.5	82.8	80.4	81.5	81.1	77.2	73.5	73.9	72.8	72.0	123.2
12.5	70.0	71.6	72.6	71.7	72.3	71.2	71.4	73.5	75.1	78.0	79.3	80.9	80.4	80.4	79.9	77.3	72.7	72.6	70.9	70.0	123.6
16.0	66.5	66.7	68.1	68.1	67.8	67.2	68.2	69.8	72.3	75.2	77.3	78.0	76.8	77.0	76.5	73.8	68.5	67.6	65.0	71.1	122.8
20.0	64.3	63.3	65.7	65.5	64.3	64.3	66.7	66.5	69.8	73.0	74.8	75.8	73.7	75.1	74.9	71.9	67.5	64.9	65.6	75.2	124.8
																			OAPWL =		135.2
TSPL	90.3	90.9	91.3	91.0	90.5	90.6	90.4	90.9	91.0	91.5	92.0	92.7	92.9	92.8	93.3	93.2	93.9	95.7	98.0	100.6	
OSPL	90.3	90.9	91.2	90.9	90.8	90.6	90.3	90.8	90.8	91.2	91.5	92.1	92.5	92.3	92.9	93.0	93.8	95.7	98.0	100.6	
PNLT	102.6	104.8	103.6	103.5	103.2	102.4	102.4	102.6	103.1	103.6	104.7	105.1	106.6	104.2	104.3	105.1	105.6	108.2	110.3	109.5	
PNL	102.6	103.7	103.6	103.5	103.2	102.4	102.4	102.6	102.5	103.0	103.9	104.4	105.5	103.6	103.8	104.3	104.8	107.4	109.1	109.5	

CONDITION = 6114 ALTITUDE = 150. FT SIDELINE

OSPL		73.9	81.0	84.4	86.7	88.1	89.0	90.2	90.7	91.2	91.3	91.8	91.9	91.4	91.6	90.6	89.8	89.3	88.2	84.9	
PNL		85.1	92.8	96.7	98.8	99.8	101.0	102.0	102.3	103.0	103.8	104.0	104.9	102.7	102.3	101.6	100.3	100.4	98.5	91.5	
PNLT		86.3	92.8	96.7	98.8	99.8	101.0	102.0	102.9	103.6	104.6	104.7	105.9	103.3	102.9	102.5	101.1	101.3	99.7	91.5	

CONDITION = 6114 ALTITUDE = 200. FT SIDELINE

OSPL		71.0	78.1	81.6	83.9	85.4	86.3	87.5	88.0	88.4	88.6	89.0	89.1	88.7	88.9	87.9	87.2	86.5	85.5	82.2	
PNL		81.4	89.6	93.7	95.9	96.9	98.2	99.2	99.6	100.1	100.8	101.1	101.9	99.9	99.5	98.6	97.5	97.4	95.4	88.0	
PNLT		82.6	89.6	93.7	95.9	96.9	98.2	99.2	100.2	100.7	101.7	101.8	103.0	100.5	100.1	99.6	98.3	98.3	96.6	88.0	

Point No. B(a)-6

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 6170
CORRECTED RPM = 6298

INLET TEMP = 38.00 F
TIME OF DAY = 1548
BARM. PRESSURE = 29.97 IN. HG.
WIND DIRECTION = SE
WIND VELOCITY = 1 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER LE-12W
.050	74.0	73.0	72.4	73.3	73.2	73.1	72.7	73.1	72.0	72.4	72.5	73.5	73.7	73.8	74.8	76.1	77.8	77.8	78.8	88.3	116.3
.063	77.4	77.2	77.3	77.0	76.1	76.1	75.2	75.6	75.6	76.0	75.2	75.5	75.9	76.9	76.7	78.8	79.0	79.7	79.8	87.5	118.3
.080	75.7	74.6	73.6	73.0	71.6	71.4	71.2	70.6	69.4	69.5	70.3	70.6	71.1	72.4	73.9	75.9	77.0	77.6	78.6	86.1	115.0
.100	75.8	75.0	73.7	72.8	72.8	71.8	71.7	70.8	70.6	70.2	70.9	70.8	71.9	72.8	73.4	76.1	78.2	77.6	78.0	85.2	115.2
.125	74.8	73.6	74.3	73.5	72.9	71.0	72.4	73.8	73.3	73.6	75.5	75.4	75.0	74.7	77.3	78.5	81.4	80.3	79.1	83.9	117.3
.160	75.5	75.4	75.2	74.2	74.4	73.6	73.9	74.5	75.3	75.8	76.3	76.7	77.1	77.4	78.6	80.2	82.7	82.9	83.6	83.0	119.1
.200	77.4	77.4	77.8	76.9	77.2	75.7	76.2	76.1	76.7	76.3	77.3	77.4	78.8	79.7	80.4	83.2	84.3	84.5	85.2	84.1	120.9
.250	77.9	78.4	78.1	78.2	77.8	78.1	78.1	78.1	77.6	77.8	79.6	79.8	79.9	80.2	81.6	82.0	82.6	82.6	82.6	83.9	120.9
.315	79.1	80.3	79.8	79.6	79.4	79.7	80.2	80.7	81.7	81.7	81.5	82.1	81.7	82.7	84.0	83.9	83.5	84.1	88.2	85.1	123.4
.400	80.1	78.1	80.5	80.0	79.9	80.0	79.4	80.8	81.1	80.6	80.4	81.0	81.1	81.5	83.0	83.1	82.8	83.4	88.1	85.8	122.8
.500	79.0	79.6	81.0	79.9	80.6	80.3	80.3	80.8	80.7	80.1	79.5	79.5	80.2	81.1	82.2	82.6	82.9	84.1	91.5	88.6	123.5
.630	78.7	79.6	78.5	79.1	78.5	80.1	79.8	80.3	79.5	78.9	79.6	79.8	80.3	81.5	83.1	82.5	83.3	85.5	88.4	89.2	122.8
.800	76.2	77.2	78.1	78.5	79.3	79.3	79.2	79.8	79.3	79.3	80.2	80.7	81.8	82.5	82.9	82.1	82.8	85.0	86.5	86.6	122.5
1.00	75.5	76.9	77.5	77.3	77.4	77.5	77.5	78.1	78.0	77.5	78.3	79.1	79.4	80.5	81.3	79.8	81.1	84.1	85.2	85.2	120.9
1.25	74.9	76.5	77.9	77.8	78.0	77.7	78.2	78.3	78.4	78.4	78.7	79.4	79.4	80.5	80.5	79.2	80.1	84.0	85.5	85.1	121.0
1.60	75.0	76.6	77.2	77.4	77.4	76.9	77.7	78.2	78.2	78.3	78.1	78.6	79.3	79.9	79.6	78.5	79.4	83.4	85.5	85.1	120.7
2.00	74.8	76.1	76.5	77.1	76.8	76.3	77.0	77.7	77.7	77.6	78.4	78.8	78.6	79.1	78.6	77.8	79.9	83.3	84.8	83.8	120.3
2.50	75.2	77.8	76.7	76.8	76.4	76.2	76.8	77.8	77.8	77.5	78.3	78.8	78.9	79.1	78.1	77.6	79.7	83.0	85.4	84.4	120.5
3.15	74.5	75.9	76.2	76.7	76.6	75.7	76.0	76.9	77.0	76.8	77.4	77.9	77.7	77.6	76.5	75.6	77.1	79.8	81.7	81.0	119.0
4.00	73.1	74.6	75.1	75.5	75.1	74.5	74.7	75.5	76.0	75.6	76.2	76.7	76.6	76.3	75.3	74.3	75.9	78.8	80.0	79.6	118.1
5.00	72.9	74.6	74.7	74.7	74.5	74.1	74.5	74.7	75.4	75.4	76.1	76.5	76.1	75.8	75.2	75.1	78.0	81.1	81.1	80.2	118.6
6.30	70.9	72.9	73.1	73.7	73.5	73.8	74.4	75.6	76.1	77.8	80.4	83.6	83.0	79.1	81.3	80.9	81.1	83.8	81.9	78.7	122.2
8.00	68.6	70.5	71.0	71.4	71.0	71.0	72.2	74.5	73.8	76.5	77.8	82.6	82.8	78.6	83.4	81.3	76.3	78.2	77.2	75.2	121.8
10.0	65.9	68.0	69.4	69.7	70.2	70.5	71.9	74.0	75.9	79.2	83.0	83.1	81.0	81.1	80.8	77.3	73.4	74.0	72.7	3.9	123.0
12.5	62.8	65.7	67.8	67.7	68.5	68.8	70.3	73.5	75.4	77.9	80.1	81.5	81.6	80.7	80.2	77.3	73.1	73.6	71.3	4.9	123.7
16.0	60.0	61.4	64.1	64.6	64.6	65.5	66.7	71.1	72.5	75.0	77.5	78.5	77.5	7.7	76.7	74.1	68.9	68.2	65.3	6.6	123.0
20.0	60.9	59.5	63.7	63.2	62.2	63.2	63.8	70.4	70.3	73.0	75.2	76.6	74.	75.4	75.2	72.1	67.9	65.2	65.5	10.8	125.2
																			OAPWL =		135.6
TSPL	89.9	90.4	90.8	90.6	90.6	90.5	90.6	91.4	91.5	91.7	92.7	93.7	93.6	93.6	94.4	94.1	94.7	96.3	98.6	98.8	
OSPL	89.9	90.4	90.7	90.6	90.5	90.4	90.6	91.2	91.3	91.4	92.3	93.1	93.1	93.2	94.1	94.0	94.6	96.2	98.6	98.8	
PNLT	100.5	102.5	102.6	102.7	102.6	102.7	102.4	103.3	103.6	103.7	104.6	106.3	106.0	105.1	105.2	104.8	106.1	108.4	110.6	112.3	
PNL	100.5	101.9	101.9	102.1	102.0	101.5	101.9	102.7	102.8	102.9	104.0	105.6	105.4	104.4	105.2	104.8	105.4	107.7	109.6	108.9	

CONDITION = 6298 ALTITUDE = 150. FT SIDELINE

OSPL		74.1	80.5	84.2	86.5	88.0	89.3	90.6	91.2	91.4	92.1	92.8	92.5	92.2	92.8	91.5	90.6	89.9	88.8	82.8	
PNL		83.6	91.1	95.3	97.7	99.0	100.5	102.1	102.6	102.9	103.9	105.3	104.8	103.5	103.8	102.2	101.0	101.0	99.0	91.0	
PNLT		84.1	91.8	95.9	98.3	99.6	101.0	102.7	103.5	103.7	104.5	106.0	105.4	104.1	103.8	102.2	101.7	101.7	100.1	93.1	

CONDITION = 6298 ALTITUDE = 200. FT SIDELINE

OSPL		71.3	78.2	81.6	83.8	85.4	86.6	88.0	88.5	88.7	89.3	90.0	89.8	89.5	90.0	88.8	88.0	87.2	86.1	80.1	
PNL		80.0	88.0	92.3	94.8	96.1	97.7	99.3	99.9	100.1	100.9	102.3	101.9	100.7	100.8	99.2	98.2	98.0	95.9	87.5	
PNLT		80.6	88.6	92.9	95.4	96.8	98.2	99.9	100.7	100.9	101.6	103.0	102.5	101.3	100.8	99.2	98.9	98.8	97.0	89.1	

Point No. B(a)-7

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6303
CORRECTED RPM = 6447

INLET TEMP = 36.00 F
TIME OF DAY = 1557
BARM. PRESSURE = 29.97 IN. HG.
WIND DIRECTION = SE
WIND VELOCITY = 1 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER (KHZ)	FREQ	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050		74.5	73.1	73.8	73.8	73.7	72.9	72.5	73.1	72.8	72.6	73.0	73.5	73.6	74.2	75.1	76.8	78.1	77.6	79.6	91.1	117.2
.063		77.2	77.4	77.5	77.6	76.2	76.4	74.2	75.6	75.6	75.9	75.4	75.5	76.0	77.0	77.0	79.2	79.2	79.5	79.9	89.8	118.7
.080		75.0	76.3	74.3	75.1	72.7	73.6	71.7	73.1	70.4	72.7	70.8	73.1	71.8	74.3	74.4	77.1	77.6	78.3	78.5	88.6	116.4
.100		75.8	74.5	74.6	72.8	73.8	71.3	73.0	71.2	72.1	70.5	72.4	71.6	73.3	73.4	74.2	76.6	78.5	77.9	78.1	88.1	116.1
.125		75.5	73.6	75.0	73.3	73.8	70.8	73.4	73.8	74.3	73.7	76.0	75.7	76.0	75.1	77.8	79.1	81.6	81.0	79.4	86.5	117.9
.160		75.4	75.4	75.7	74.5	75.2	74.0	74.0	74.6	76.0	76.2	77.2	77.0	78.0	77.9	79.3	80.8	83.2	83.4	84.0	85.6	119.7
.200		77.9	77.4	77.8	77.2	77.4	76.1	76.0	76.5	77.1	76.6	77.5	77.6	79.3	80.3	80.8	83.5	84.7	84.5	85.5	85.4	121.2
.250		78.3	78.8	78.6	78.3	78.1	79.0	78.4	78.7	78.0	77.9	79.8	79.8	80.5	80.5	82.0	82.2	83.1	83.2	82.7	85.0	121.3
.315		79.5	80.1	80.2	79.8	80.0	80.5	80.2	81.0	82.0	82.1	81.9	82.6	81.9	83.2	84.4	84.1	83.8	84.5	88.3	85.7	123.7
.400		80.3	78.3	80.7	80.4	80.2	80.7	79.6	81.2	81.1	80.9	80.7	81.6	81.3	82.0	83.2	83.6	83.0	83.6	87.6	85.8	123.1
.500		79.4	80.0	81.2	79.8	80.5	81.0	80.6	81.2	80.9	80.3	79.8	79.8	80.6	81.2	82.5	82.9	83.2	84.4	90.5	87.9	123.4
.630		78.8	80.0	78.9	79.1	78.7	80.8	80.1	80.7	79.8	79.2	80.1	80.4	80.8	81.9	83.3	82.9	83.6	85.9	87.6	88.3	123.0
.800		76.5	77.5	78.3	78.3	79.5	79.9	79.8	80.2	79.7	79.8	80.7	81.1	82.1	82.7	83.2	82.4	83.3	85.5	86.4	86.1	122.8
1.00		75.7	77.1	77.3	77.1	77.4	77.9	77.5	78.1	77.9	77.8	78.5	79.3	79.7	80.7	81.3	79.8	81.1	84.1	84.6	84.6	120.9
1.25		74.9	76.5	77.5	77.8	77.9	78.3	78.5	78.7	78.6	78.9	78.9	79.7	79.9	80.6	80.7	79.2	80.5	84.3	85.0	84.6	121.2
1.60		74.3	76.2	77.0	77.3	77.4	77.6	78.0	78.6	78.5	78.6	78.3	79.0	79.5	80.1	79.6	78.6	79.8	83.8	84.9	84.7	120.8
2.00		73.6	75.5	76.1	76.5	76.5	76.7	77.1	77.9	78.0	78.0	78.6	79.0	78.9	79.2	78.8	78.1	80.2	83.5	84.4	83.6	120.4
2.50		74.8	76.3	75.7	76.0	75.7	76.3	76.6	77.7	78.0	77.8	78.5	79.0	79.1	79.0	78.2	77.5	79.6	82.6	83.9	83.9	120.2
3.15		71.1	73.4	74.4	74.6	74.3	74.9	75.3	76.6	76.9	77.3	77.4	78.2	77.9	77.5	76.4	75.6	77.2	80.0	81.4	81.0	118.8
4.00		70.5	73.0	73.8	74.4	73.9	74.9	74.9	75.5	76.4	76.2	76.4	77.0	76.9	76.4	75.5	74.6	76.2	79.0	80.1	79.6	118.2
5.00		70.6	73.4	73.3	73.4	73.1	74.1	74.2	74.9	75.6	76.1	76.5	76.8	76.3	75.8	75.2	75.2	77.8	80.7	80.8	80.2	118.5
6.30		67.6	70.7	71.7	72.2	71.9	73.5	74.5	75.4	75.8	76.4	76.1	76.8	76.3	75.8	75.2	75.2	77.8	80.7	80.8	80.2	118.5
8.00		66.1	69.0	69.5	70.1	69.7	71.4	73.4	73.4	74.7	79.1	78.2	78.9	78.8	76.4	81.9	80.8	78.5	80.3	78.8	75.9	121.3
10.0		63.2	66.2	66.6	68.8	69.1	70.6	71.9	73.9	76.2	79.7	81.9	82.4	80.0	80.5	78.8	76.1	73.0	73.7	72.5	3.8	122.3
12.5		60.8	64.6	67.4	67.2	68.2	69.4	70.8	73.8	76.1	79.3	80.9	81.5	81.0	80.9	80.2	77.0	73.4	73.8	71.5	4.9	124.1
16.0		58.7	60.4	63.9	64.1	64.4	66.1	67.2	70.4	73.3	76.1	78.5	78.5	77.5	77.3	76.7	73.4	69.2	68.2	65.5	6.6	123.3
20.0		60.9	9.4	63.8	62.9	62.3	63.5	64.4	67.3	71.0	74.0	76.1	76.4	74.5	75.5	75.5	71.9	68.0	65.4	65.6	10.9	125.3
																				OAPWL =		135.7
TSPL		89.8	90.3	90.8	90.5	90.5	9.0	90.8	91.6	91.8	92.3	93.0	93.6	93.3	93.7	94.4	94.3	95.0	96.6	98.2	99.7	
OSPL		89.8	90.3	90.7	90.5	90.5	90.9	90.7	91.5	91.6	91.9	92.5	93.1	92.9	93.3	94.1	94.1	94.9	96.5	98.2	99.7	
PNLT		99.7	101.0	101.8	101.8	101.6	102.2	101.9	102.7	103.7	104.0	105.0	106.3	104.9	104.4	104.6	104.9	105.6	108.5	109.4	112.3	
PNL		99.7	101.0	101.2	101.2	101.1	101.7	101.9	102.7	103.0	103.4	104.4	105.5	104.4	104.4	104.6	104.3	105.6	107.9	108.9	109.0	

CONDITION = 6447 ALTITUDE = 150. FT SIDELINE

OSPL	74.2	81.0	84.2	86.5	88.5	89.4	90.9	91.4	91.9	92.3	92.7	92.3	92.4	92.8	91.7	90.9	90.1	88.4	83.9		
PNL	82.7	90.5	94.5	96.9	99.1	100.5	102.1	102.8	103.4	104.2	105.1	103.8	103.5	103.2	101.7	101.2	101.1	98.3	91.1		
PNLT	82.7	91.1	95.0	97.4	99.6	100.5	102.1	103.5	104.0	104.8	106.0	104.3	103.5	103.2	102.2	101.2	101.7	98.8	93.3		

CONDITION = 6447 ALTITUDE = 200. FT SIDELINE

OSPL	71.4	78.3	81.5	83.5	85.9	86.2	88.3	88.8	89.2	89.6	90.0	89.6	89.7	90.1	89.0	88.3	87.4	85.7	81.2		
PNL	79.2	87.4	91.5	94.0	96.3	97.7	99.3	100.1	100.6	101.3	102.2	101.0	100.7	100.4	98.8	98.4	98.1	95.2	87.6		
PNLT	79.2	88.0	92.1	94.5	96.8	97.7	99.3	100.7	101.2	101.9	103.1	101.5	100.7	100.4	99.3	98.9	98.7	95.7	89.3		

Point No. B(a)-8

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6420
CORRECTED RPM = 6573

INLET TEMP = 35.00 F
TIME OF DAY = 1605
BARM. PRESSURE = 29.97 IN. HG.
WIND DIRECTION = SE
WIND VELOCITY = 1 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.3	73.0	72.6	73.8	73.8	73.4	73.2	73.3	72.8	73.0	73.6	74.1	74.5	74.5	75.5	76.9	78.6	78.7	79.7	95.5	119.2
.063	76.9	77.5	76.8	77.5	75.6	76.2	74.0	75.8	75.3	76.1	74.8	75.4	75.5	77.1	76.7	79.4	79.5	79.6	79.9	95.0	120.0
.080	78.9	74.8	74.5	73.6	72.5	71.5	71.9	71.2	70.3	70.4	71.4	71.6	72.7	73.4	75.4	76.9	78.2	77.9	79.3	93.5	117.7
.100	76.8	75.1	74.2	73.5	73.1	71.7	71.9	71.7	71.5	71.3	71.6	72.5	73.1	73.9	74.3	77.1	79.2	78.2	79.3	92.5	117.5
.125	75.1	73.8	74.1	73.6	72.9	71.2	72.3	74.0	73.7	73.9	75.4	75.8	75.3	75.7	77.6	79.4	82.3	81.5	79.6	91.6	118.8
.160	75.7	75.3	75.0	74.4	74.4	73.7	73.1	74.8	75.5	76.2	76.9	77.1	77.6	78.3	79.5	80.9	83.4	83.9	84.3	90.6	120.2
.200	77.9	77.4	77.7	77.2	77.0	76.2	75.5	76.6	76.9	76.5	77.5	77.8	79.3	80.7	81.4	83.8	85.3	85.3	85.8	89.3	121.7
.250	78.2	78.9	78.4	78.6	78.3	79.0	78.7	78.9	78.4	78.6	80.2	80.9	81.0	81.7	83.1	83.0	83.9	83.7	82.8	87.8	122.0
.315	79.8	80.3	80.4	80.4	80.2	80.3	80.6	81.3	82.3	82.7	82.6	83.2	83.0	84.0	85.9	85.1	84.5	85.0	88.9	87.9	124.4
.400	80.6	78.6	80.8	80.7	80.4	80.7	80.2	81.8	81.7	81.0	81.3	81.5	82.2	82.5	84.8	84.1	83.5	84.9	88.3	87.8	123.7
.500	79.3	80.1	81.2	79.9	80.8	80.7	80.9	81.3	81.3	80.5	80.3	81.0	81.0	81.6	83.3	83.2	83.7	85.3	91.2	89.9	123.9
.630	79.0	79.9	79.1	79.5	78.5	80.7	80.2	80.5	80.2	79.4	80.5	80.9	81.5	82.5	84.3	83.2	83.8	85.7	88.3	90.1	123.4
.800	76.5	77.6	78.4	78.7	79.8	79.9	80.0	80.3	80.0	80.0	81.0	81.4	82.4	83.1	84.1	82.5	83.6	85.8	86.4	87.2	123.1
1.00	75.8	77.1	77.5	77.4	77.6	77.5	77.9	78.2	78.3	77.8	79.0	79.7	80.4	81.1	82.2	80.2	81.5	84.1	84.8	85.9	121.2
1.25	75.1	76.5	78.1	78.0	78.1	78.1	78.7	78.7	78.8	78.7	79.3	79.9	80.5	80.5	81.0	79.0	80.9	84.3	85.1	85.6	121.3
1.60	74.6	76.1	77.1	77.7	77.5	77.3	78.2	78.8	78.8	78.7	78.7	79.2	80.0	80.2	80.1	78.6	80.1	83.6	84.9	85.7	121.0
2.00	73.9	75.5	76.2	76.9	76.9	76.4	77.4	78.0	78.3	78.1	78.8	79.2	79.2	79.2	79.0	78.2	80.5	83.2	84.3	84.6	120.5
2.50	74.9	77.7	76.6	76.1	76.3	76.1	77.0	77.8	78.1	78.0	78.8	79.2	79.2	79.0	78.5	77.7	80.0	82.3	84.6	84.1	120.4
3.15	71.5	73.3	74.5	74.9	74.5	74.5	75.5	76.7	77.2	77.3	77.7	78.3	78.2	77.8	77.2	75.8	77.5	79.8	81.4	81.6	118.9
4.00	70.7	72.9	74.0	74.6	74.3	74.3	75.4	75.6	76.5	76.4	76.7	77.3	76.9	76.5	75.9	75.0	76.4	78.7	79.8	80.2	118.4
5.00	71.6	72.7	73.6	74.0	73.6	73.8	74.9	75.1	75.9	76.0	76.9	77.2	77.1	76.4	75.7	75.2	77.8	80.4	80.7	80.1	118.7
6.30	67.9	70.3	71.7	72.6	72.3	72.9	74.7	75.0	76.0	77.9	81.0	81.9	79.8	77.4	79.1	78.2	80.3	83.1	81.2	78.6	121.1
8.00	66.2	68.6	69.8	70.4	70.0	70.5	72.7	73.2	74.8	77.1	80.8	79.6	77.8	76.7	80.3	78.3	78.2	81.4	79.9	76.7	120.9
10.0	63.3	66.0	66.4	69.1	69.4	70.0	72.1	73.6	76.6	79.3	81.3	82.8	80.4	80.2	80.2	76.4	73.7	73.5	72.5	74.0	122.4
12.5	61.1	64.5	67.4	67.6	68.5	69.3	71.2	74.1	77.2	79.9	81.5	82.6	81.7	81.8	81.8	77.8	74.4	73.9	71.6	75.1	125.0
16.0	58.8	60.3	63.7	64.5	64.6	65.9	67.5	70.6	73.7	76.4	78.6	79.4	77.7	78.1	77.2	74.3	69.8	68.3	65.6	76.9	123.8
20.0	10.9	9.4	63.8	63.4	62.5	63.5	64.6	67.7	71.5	74.6	76.5	77.3	75.0	76.4	75.9	72.3	68.7	65.4	65.6	81.2	126.2
																			OAPWL =		136.2
TSPL	90.1	90.3	90.8	90.8	90.7	90.8	91.0	91.7	92.1	92.4	93.4	93.9	93.7	94.1	95.2	94.5	95.4	96.8	98.6	103.2	
OSPL	90.1	90.3	90.8	90.7	90.6	90.7	90.9	91.6	91.8	91.9	92.8	93.3	93.3	93.6	94.8	94.4	95.4	96.8	98.6	103.2	
PNLT	99.9	102.5	101.5	102.1	101.4	102.0	102.1	103.4	103.8	104.1	104.6	105.8	104.6	105.1	105.0	104.3	105.8	107.8	109.8	110.6	
PNL	99.9	101.4	101.5	101.5	101.4	101.4	102.1	102.8	103.2	103.4	104.6	105.2	104.6	104.6	105.0	104.3	105.8	107.8	109.3	110.6	

CONDITION = 6573 ALTITUDE = 150. FT SIDELINE

OSPL	74.2	81.0	84.4	86.6	88.3	89.6	91.0	91.7	91.9	92.7	93.0	92.7	92.7	93.5	91.9	91.4	90.4	88.8	87.6	
PNL	83.2	90.9	94.7	97.2	98.9	100.7	102.2	103.0	103.4	104.5	104.9	104.0	103.6	103.6	101.7	101.6	101.0	98.7	92.8	
PNLT	84.4	90.9	95.3	97.2	99.5	100.7	102.8	103.7	104.1	104.5	105.5	104.0	104.2	103.6	101.7	101.6	101.0	99.2	92.8	

CONDITION = 6573 ALTITUDE = 200. FT SIDELINE

OSPL	71.5	78.3	81.8	84.0	85.7	87.0	88.4	89.0	89.2	89.9	90.2	90.0	90.1	90.8	89.3	88.7	87.7	86.2	85.0	
PNL	79.7	87.7	91.8	94.3	96.0	97.9	99.4	100.3	100.6	101.5	102.0	101.2	100.8	100.8	98.9	98.7	98.1	95.6	89.3	
PNLT	80.8	87.7	92.4	94.3	96.7	97.9	100.0	100.9	101.3	101.5	102.5	101.2	101.4	100.8	98.9	98.7	98.1	96.2	89.3	

Point No. B(a)-9

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6171
CORRECTED RPM = 6293

INLET TEMP = 0.0 F
TIME OF DAY = 1615
BARM. PRESSURE = 29.97 IN. HG.
WIND DIRECTION = SE
WIND VELOCITY = 1 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.0	73.3	73.2	73.4	73.2	72.9	72.2	73.0	72.2	72.5	72.4	73.1	73.3	73.7	74.8	76.2	77.3	78.1	79.7	94.7	118.4
.063	76.2	77.5	76.6	77.5	75.4	76.2	73.3	76.0	74.7	76.5	74.4	75.8	75.2	77.0	76.3	79.2	78.9	80.0	79.8	93.6	119.4
.080	74.5	77.4	73.8	76.8	71.9	75.6	70.9	75.8	69.1	76.0	70.0	76.4	71.2	77.0	73.9	78.4	76.7	79.5	79.1	92.1	118.1
.100	75.4	77.6	73.6	75.8	73.0	74.9	71.7	74.3	70.4	74.4	71.1	74.2	72.2	75.4	73.7	77.8	78.3	78.9	78.4	91.6	117.6
.125	75.3	77.0	74.6	76.4	73.6	75.3	72.7	76.6	73.7	77.0	75.3	77.6	75.2	77.5	77.4	80.1	81.5	81.9	79.7	90.3	119.1
.160	75.6	76.6	75.5	75.7	74.8	75.1	73.5	75.7	75.7	77.0	76.7	77.7	77.6	78.5	79.0	80.6	82.7	83.5	84.3	89.4	120.0
.200	77.5	78.0	77.8	77.7	77.1	77.3	75.5	77.4	76.8	77.4	77.5	78.6	79.1	80.8	80.7	83.4	84.3	84.7	85.6	88.4	121.4
.250	78.1	79.4	78.4	78.8	78.0	79.4	78.0	79.3	78.0	79.1	79.6	80.7	80.1	81.3	82.0	82.3	82.7	83.3	83.0	87.4	121.6
.315	79.6	80.9	80.2	80.2	79.5	80.4	80.2	81.2	81.7	82.7	81.5	82.7	81.7	83.1	84.1	84.3	83.6	84.2	88.2	86.8	123.7
.400	80.6	75.0	81.0	80.7	80.2	80.8	79.5	81.4	80.9	81.2	80.2	81.2	80.5	82.0	82.9	83.1	82.7	83.9	87.9	87.3	123.1
.500	79.7	80.3	81.3	80.3	80.6	81.0	80.3	81.4	80.6	80.7	79.7	80.2	80.3	81.6	82.3	83.2	82.9	84.9	91.0	90.0	123.7
.630	78.8	80.2	76.7	79.6	78.7	80.6	79.9	80.8	79.4	79.7	79.6	80.5	80.4	82.1	83.0	82.9	83.2	85.6	87.7	90.7	123.0
.800	76.5	78.0	78.2	78.7	79.4	80.1	79.4	80.9	79.6	80.2	80.3	81.4	81.6	82.9	82.9	82.6	82.9	85.3	86.4	88.2	122.8
1.00	75.7	77.7	77.3	77.8	77.4	77.9	77.3	78.6	77.8	78.2	78.4	79.6	79.6	80.7	81.1	79.8	80.8	84.3	84.9	86.7	121.0
1.25	75.2	77.2	77.5	78.1	77.9	78.2	78.2	78.9	78.4	78.8	78.9	79.8	79.6	80.4	80.5	79.2	80.2	84.0	85.4	86.5	121.2
1.60	75.1	77.1	77.2	77.6	77.4	77.3	77.9	78.7	78.5	78.6	78.3	79.0	79.3	79.8	79.6	78.5	79.8	83.4	85.0	86.7	120.8
2.00	74.8	76.5	76.6	77.0	76.9	76.4	76.9	77.9	78.2	78.1	78.5	79.0	78.9	79.1	78.7	78.0	80.1	83.2	84.4	85.3	120.4
2.50	76.0	77.1	76.7	77.2	76.2	76.2	76.6	77.8	78.2	77.9	78.6	78.9	79.2	78.9	78.3	77.8	80.1	83.1	84.5	85.8	120.5
3.15	74.1	75.8	75.5	76.8	75.5	75.2	75.6	76.8	77.1	77.0	77.4	77.8	77.8	77.5	76.6	75.6	77.3	80.0	81.4	82.1	119.0
4.00	73.0	74.6	75.0	75.2	74.8	74.5	74.9	75.5	76.3	75.9	76.4	76.9	76.7	76.3	75.5	74.4	76.3	78.8	79.8	80.5	118.2
5.00	72.8	74.3	74.4	74.5	74.4	74.0	74.6	74.9	75.5	75.6	76.5	76.6	76.9	75.9	75.4	75.3	78.1	81.1	80.9	81.0	118.7
6.30	70.4	72.8	72.9	73.4	73.2	73.4	74.7	76.0	76.9	78.6	82.1	82.7	82.2	78.7	81.8	80.6	81.2	83.8	82.1	79.6	122.4
8.00	68.2	70.2	70.8	70.9	70.6	70.9	72.1	73.7	74.9	78.2	79.9	81.7	82.7	77.3	83.7	79.0	76.1	77.9	77.2	75.8	121.7
10.0	65.5	67.7	69.4	69.3	69.7	69.9	72.0	74.7	76.1	80.0	82.8	82.9	81.0	81.1	80.9	76.8	73.5	73.5	72.5	3.7	123.0
12.5	62.4	65.6	67.9	67.3	68.3	68.5	70.5	73.5	75.7	78.7	80.3	81.6	81.1	81.1	80.4	77.2	73.2	73.1	71.1	4.8	123.9
16.0	59.7	61.2	64.0	64.2	64.5	65.2	66.8	70.1	72.8	75.4	77.8	78.7	77.3	77.9	76.7	73.6	69.0	67.5	65.1	6.5	123.0
20.0	60.8	59.3	63.6	63.0	62.0	62.8	64.0	67.2	70.5	73.5	75.4	76.4	74.3	76.0	75.2	71.8	68.0	64.4	65.4	10.7	125.1
																			OAPWL =		135.9
TSPL	90.0	91.2	90.4	91.2	90.6	91.2	90.6	92.0	91.6	92.6	93.0	93.9	93.5	94.0	94.5	94.4	94.7	96.6	98.4	102.5	
OSPL	90.0	91.1	90.8	91.2	90.5	91.7	90.5	91.9	91.4	92.3	92.5	93.5	93.1	93.6	94.2	94.2	94.7	96.6	98.4	102.5	
PNLT	100.7	102.0	102.3	102.4	101.6	101.8	101.7	103.0	103.7	103.6	105.4	106.2	105.2	104.6	105.5	105.4	106.2	108.6	110.2	114.3	
PNL	100.7	102.0	101.8	102.4	101.6	101.8	101.7	103.0	103.0	103.6	104.8	105.6	105.2	104.6	105.5	104.8	105.5	107.9	109.2	111.0	

CONDITION = 6293 ALTITUDE = 150. FT SIDELINE

OSPL	75.0	81.0	84.9	86.5	88.8	89.2	91.3	91.3	92.3	92.4	93.1	92.5	92.7	92.9	91.8	90.6	90.2	88.6	86.9	
PNL	83.7	91.1	95.6	97.3	99.2	100.4	102.4	102.9	103.6	104.6	105.2	104.6	103.6	104.0	102.2	101.2	101.2	98.6	93.2	
PNLT	83.7	91.6	95.6	97.3	99.2	100.4	102.4	103.5	103.6	105.3	105.8	104.6	103.6	104.0	102.7	101.9	101.9	99.4	95.4	

CONDITION = 6293 ALTITUDE = 200. FT SIDELINE

OSPL	72.2	78.3	82.2	83.9	86.1	86.6	88.7	88.6	89.6	89.6	90.3	89.8	90.0	90.1	89.1	88.0	87.5	85.9	84.2	
PNL	80.2	88.0	92.6	94.4	96.4	97.6	99.7	100.1	100.8	101.7	102.3	101.7	100.8	101.1	99.2	98.4	98.2	95.5	89.8	
PNLT	80.2	88.5	92.6	94.4	96.4	97.6	99.7	100.8	100.8	102.3	102.9	101.7	100.8	101.1	99.8	99.1	99.0	96.6	91.5	

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. B(a)-10

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5225
CORRECTED RPM = 5350

INLET TEMP = 35.00 F
TIME OF DAY = 1648
BARM. PRESSURE = 29.95 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 1 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.7	72.1	72.2	72.2	72.3	71.9	71.3	71.4	70.8	70.9	71.3	71.2	72.3	72.2	73.3	74.2	75.9	75.7	77.4	72.9	113.8
.063	75.5	74.3	75.2	73.6	73.8	72.8	72.4	72.2	73.4	72.4	72.7	71.3	73.8	73.3	74.2	75.5	77.1	77.4	77.7	71.8	115.1
.080	78.4	73.6	74.0	71.8	72.5	70.1	72.3	70.5	71.9	69.7	71.4	69.6	71.6	71.0	73.4	74.0	75.8	76.4	78.0	70.7	113.9
.100	75.3	72.6	73.1	71.1	71.9	70.6	71.8	70.1	70.2	69.5	70.6	70.2	71.4	71.6	72.5	74.3	77.1	76.6	76.5	69.6	113.6
.125	74.4	72.7	74.7	73.4	72.4	70.9	72.4	73.6	73.1	73.1	73.8	74.5	73.9	74.1	76.1	77.4	80.9	79.8	78.1	68.7	116.4
.160	74.9	73.8	74.5	72.9	74.1	72.9	72.9	73.8	74.9	74.5	75.3	75.3	76.1	76.1	77.2	78.7	81.4	81.6	83.0	67.6	117.9
.200	75.5	75.4	76.1	75.2	75.9	74.9	74.1	75.0	75.7	75.3	75.9	76.2	77.7	78.6	78.5	81.6	83.0	83.9	85.0	67.4	119.7
.250	75.8	76.7	76.9	76.7	76.3	77.4	77.0	77.3	76.5	77.0	78.0	78.0	78.6	78.8	80.2	80.8	81.9	81.9	81.6	66.8	119.7
.315	76.9	77.4	77.8	77.7	77.8	78.3	78.2	79.3	79.5	80.2	79.0	79.5	79.4	80.8	82.3	82.4	82.6	82.6	86.0	67.1	121.5
.400	78.8	76.9	75.9	78.9	78.5	79.1	78.2	80.1	80.1	79.4	79.0	79.1	79.4	80.0	81.5	81.7	82.2	82.7	87.2	67.4	121.6
.500	77.7	78.4	75.7	78.2	79.5	79.3	79.6	79.9	80.6	79.8	78.9	79.3	79.4	80.5	81.2	81.8	82.2	84.6	90.2	70.9	122.5
.630	78.4	78.0	78.7	78.7	78.6	79.1	79.1	80.3	79.1	78.8	78.6	78.9	79.4	80.4	81.9	82.1	83.3	85.5	88.0	71.0	122.2
.800	76.3	76.9	77.8	78.0	79.3	79.3	79.6	79.7	78.8	78.4	79.3	79.4	80.5	81.9	82.6	82.2	82.7	84.9	85.9	68.4	122.0
1.00	75.6	76.9	77.1	76.7	77.1	77.3	77.0	77.2	77.1	76.6	77.0	78.1	78.5	79.4	80.1	79.6	80.8	84.0	84.7	67.1	120.1
1.25	75.8	77.1	76.2	77.7	77.6	77.4	77.6	78.0	77.6	77.5	77.4	78.3	78.9	79.6	79.7	78.7	80.1	83.7	84.8	67.2	120.3
1.60	76.2	77.1	78.0	77.6	77.5	77.2	77.7	77.8	77.9	77.7	77.4	78.0	78.5	79.3	79.3	78.2	79.6	83.5	84.5	67.5	120.2
2.00	77.8	78.2	79.1	78.6	77.9	77.1	77.5	78.1	77.9	77.6	78.0	78.6	78.8	79.2	78.9	78.5	79.9	83.3	84.7	67.3	120.5
2.50	81.1	80.7	81.8	82.4	80.8	79.0	79.1	79.0	78.4	77.6	77.8	78.2	78.3	78.6	78.0	77.3	79.0	82.0	83.3	66.4	121.0
3.15	76.8	77.4	77.8	77.6	77.2	75.9	75.7	76.6	76.7	76.8	76.4	77.5	77.7	77.4	76.5	75.7	77.3	80.3	81.6	64.8	119.0
4.00	80.5	80.2	80.0	79.7	79.3	77.2	76.8	76.8	76.8	76.2	76.1	76.7	77.3	77.0	76.4	76.4	79.9	83.6	83.2	65.5	120.5
5.00	82.5	82.3	84.0	84.2	83.6	81.4	80.2	80.2	78.7	77.5	77.8	78.7	78.3	77.2	78.8	77.7	80.7	84.6	83.9	65.8	123.1
6.30	80.6	81.2	82.2	82.3	82.4	81.1	80.2	80.1	78.8	79.4	80.6	83.5	80.2	78.4	79.0	78.2	80.9	85.2	82.9	63.5	123.8
8.00	79.1	79.5	80.1	80.8	82.0	80.1	79.6	80.1	78.9	79.1	80.1	81.0	79.9	79.1	78.0	74.9	73.9	75.4	74.7	57.9	123.0
10.0	76.7	77.2	78.1	78.3	79.7	77.7	77.8	79.3	79.9	80.5	82.7	84.3	82.5	81.6	80.7	76.8	75.6	74.8	72.8	57.0	124.9
12.5	73.2	75.1	76.0	74.7	76.0	73.8	73.8	74.8	74.2	75.3	76.5	77.9	77.7	76.7	76.2	73.3	69.8	70.2	67.-	56.1	121.9
16.0	68.3	68.5	69.9	69.9	70.2	68.6	68.4	68.8	68.5	69.6	71.4	72.2	70.3	71.0	69.6	66.8	63.7	63.2	60.8	56.8	118.5
20.0	63.6	62.9	64.7	64.6	64.0	63.1	63.0	63.1	63.9	65.2	66.7	67.5	64.7	65.8	66.0	63.1	60.8	57.7	59.7	59.3	117.8
																			OAPWL =		135.0
TSPL	91.8	91.7	92.6	92.4	92.5	91.5	91.3	91.8	91.5	91.3	91.8	92.7	92.4	92.6	93.1	93.0	94.3	96.3	97.9	82.1	
OSPL	91.7	91.6	92.5	92.3	92.3	91.4	91.2	91.7	91.4	91.2	91.6	92.5	92.2	92.4	93.0	92.9	94.2	96.3	97.9	82.1	
PNLT	106.3	104.9	107.2	107.4	106.9	104.3	103.8	104.1	103.4	103.1	103.7	105.8	104.1	104.0	104.3	103.7	106.3	109.3	109.0	91.8	
PNL	105.0	104.9	106.1	106.0	105.8	104.3	103.8	104.1	103.4	103.1	103.7	105.2	104.1	104.0	104.3	103.7	105.7	108.5	109.0	91.8	
			CONDITION = 5350						ALTITUDE = 150. FT SIDELINE												
OSPL		73.7	81.8	85.4	88.0	88.8	89.8	91.1	91.2	91.2	91.4	92.1	91.6	91.5	91.6	90.5	90.2	89.8	88.0	66.1	
PNL		85.5	94.7	98.9	101.3	101.7	102.4	103.5	103.3	103.1	103.6	104.9	103.5	103.0	102.8	101.0	101.3	101.5	98.1	73.3	
PNLT		86.5	95.8	100.3	102.4	101.7	102.4	103.5	103.3	103.1	103.6	105.5	103.5	103.0	102.8	101.0	101.3	102.4	98.1	73.3	
			CONDITION = 5350						ALTITUDE = 200. FT SIDELINE												
OSPL		70.6	78.8	82.5	85.0	86.0	87.0	88.3	88.5	88.4	88.6	89.2	88.8	88.7	88.9	87.8	87.5	87.0	85.3	63.4	
PNL		81.8	91.2	95.7	98.2	98.7	99.5	100.6	100.4	100.2	100.7	101.9	100.5	100.2	99.9	98.2	98.4	98.5	95.0	69.8	
PNLT		82.8	92.4	97.1	99.3	98.7	99.5	100.6	100.4	100.2	100.7	102.5	100.5	100.2	99.9	98.2	98.4	99.1	95.0	69.8	

Point No. B(a)-11

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 5775
CORRECTED RPM = 5907

INLET TEMP = 36.00 F
TIME OF DAY = 1724
BARM. PRESSURE = 29.95 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.4	72.3	73.1	73.3	73.0	72.9	72.1	72.5	71.5	71.6	71.8	72.1	72.7	73.6	73.6	75.2	77.5	77.6	78.6	80.1	115.0
.063	75.1	74.3	75.8	74.7	74.7	73.2	72.5	72.4	73.5	72.6	73.1	71.6	73.8	74.3	74.9	77.0	78.1	78.5	78.7	78.1	115.9
.080	74.3	74.0	73.4	72.8	71.6	70.7	70.5	70.3	69.2	69.1	69.4	70.1	70.9	72.5	73.5	75.5	77.5	77.7	78.7	77.4	114.2
.100	73.5	74.0	73.0	72.0	72.1	70.7	71.2	71.2	71.1	71.1	70.7	70.5	71.6	73.0	73.3	76.0	78.5	78.0	78.8	77.6	114.8
.125	74.3	73.8	74.6	73.3	72.2	70.2	72.1	73.2	73.3	73.7	74.9	75.0	74.8	75.2	77.2	78.5	81.4	80.0	79.9	78.7	117.0
.160	74.4	74.8	74.8	73.5	74.0	73.2	73.0	74.2	75.1	75.4	76.2	76.1	76.9	77.3	78.3	79.8	82.4	81.9	81.9	77.6	118.4
.200	76.7	76.5	77.3	76.1	76.8	75.5	75.2	75.8	76.6	76.0	76.8	77.1	78.8	79.5	80.1	82.9	84.4	84.9	86.0	79.0	120.8
.250	77.9	78.1	78.2	77.7	77.9	78.2	78.0	78.3	77.7	77.7	79.4	79.3	80.3	80.2	81.6	81.9	83.8	83.8	84.2	78.7	121.2
.315	78.7	78.9	79.3	79.0	79.2	79.3	79.9	80.9	81.1	81.4	80.8	81.3	81.1	82.5	83.5	83.4	84.2	85.4	88.2	80.5	123.2
.400	80.0	77.9	80.8	80.0	79.9	80.0	79.6	81.1	81.1	80.6	80.2	80.9	81.1	81.8	82.8	83.1	84.1	85.7	89.1	81.1	123.2
.500	79.1	80.0	81.3	79.6	81.2	80.3	80.6	81.1	81.4	80.6	79.9	79.7	80.8	81.5	82.3	82.4	83.8	86.6	92.3	83.3	124.0
.630	79.1	80.0	79.2	79.7	79.8	80.8	79.8	80.4	80.4	79.6	79.7	80.0	80.6	82.2	83.2	82.6	84.7	87.3	90.4	83.5	123.6
.800	76.8	77.7	78.6	78.7	79.6	80.4	80.3	80.5	79.7	79.6	80.6	80.6	82.1	83.0	83.3	82.4	84.0	87.2	88.9	82.7	123.3
1.00	76.2	77.7	78.0	77.5	77.9	77.7	77.9	78.2	78.0	77.8	78.2	79.1	79.7	80.7	81.1	80.1	82.2	85.6	86.8	81.2	121.4
1.25	76.0	77.6	78.4	78.3	78.4	78.0	78.5	78.8	78.6	78.6	78.9	80.1	80.2	80.8	80.6	79.0	81.7	85.7	86.7	80.8	121.6
1.60	76.1	77.7	78.2	78.0	78.0	77.8	78.3	78.6	78.3	78.6	78.3	78.7	79.8	80.2	80.0	78.5	81.1	85.1	86.4	80.7	121.3
2.00	78.0	78.6	78.7	77.9	77.6	77.2	77.7	78.5	78.1	78.1	78.6	79.0	79.4	79.6	79.0	78.2	81.2	84.5	86.0	80.1	121.0
2.50	84.3	85.1	83.4	83.4	80.2	80.9	78.5	79.2	78.6	78.5	78.8	78.9	79.5	79.5	78.6	77.8	81.1	83.7	85.8	81.2	122.2
3.15	79.7	79.8	79.0	78.9	77.4	76.9	76.4	77.2	77.1	77.3	77.3	77.7	78.3	77.9	76.9	75.6	78.6	81.3	83.0	77.7	119.8
4.00	78.5	77.5	79.0	78.8	78.1	77.2	76.8	76.9	76.7	76.4	76.4	76.7	77.1	76.6	75.9	75.0	77.9	80.8	81.8	76.9	119.7
5.00	80.1	82.0	81.9	82.0	81.9	81.6	80.6	80.4	78.6	77.7	77.3	77.0	77.2	76.7	76.4	76.0	79.9	83.2	83.2	79.5	121.3
6.30	78.7	81.1	80.5	80.4	80.4	79.7	78.9	78.8	78.3	78.6	80.6	82.1	81.8	78.7	81.4	79.4	82.3	85.9	84.6	77.2	123.7
8.00	77.6	79.4	79.1	79.3	79.4	78.9	77.7	77.7	76.1	76.6	77.8	78.1	77.2	76.1	76.2	73.6	73.8	76.3	76.7	71.8	121.1
10.0	75.5	76.9	77.0	77.2	77.5	76.9	76.3	77.6	77.7	80.5	83.4	82.1	82.3	82.1	81.7	77.5	75.3	74.8	74.4	69.7	124.4
12.5	72.9	75.2	75.5	74.8	75.3	74.3	73.7	75.0	75.3	77.6	79.2	79.6	79.6	78.9	78.4	75.5	72.7	72.8	71.5	67.0	123.4
16.0	69.7	70.5	71.3	71.1	70.8	70.1	69.8	70.9	71.8	74.1	76.1	76.2	75.2	74.9	74.3	70.8	68.2	67.0	65.4	68.2	121.9
20.0	66.7	66.7	66.0	67.8	66.9	66.5	66.2	66.9	68.7	71.4	73.1	73.4	71.6	72.4	72.1	68.5	66.2	63.2	64.8	72.4	123.2
																			DAPWL =		135.9
TSPL	92.0	92.8	92.7	92.4	92.2	92.0	91.6	92.1	91.9	92.0	92.7	92.9	93.3	93.6	94.0	93.7	95.5	97.6	99.7	93.7	
OSPL	91.9	92.6	92.6	92.3	92.1	91.9	91.5	92.0	91.7	91.7	92.3	92.5	93.0	93.3	93.9	93.6	95.5	97.6	99.7	93.6	
PNLT	107.5	108.5	107.4	107.4	105.0	105.9	104.0	104.3	104.0	103.5	104.7	105.6	105.8	104.7	106.0	104.9	107.4	110.2	111.3	105.2	
PNL	105.7	106.5	105.9	105.7	105.0	104.7	104.0	104.3	103.5	103.5	104.1	104.8	105.0	104.7	105.1	104.1	106.5	109.2	110.5	105.2	

CONDITION = 5907 ALTITUDE = 150. FT SIDELINE

OSPL	75.1	82.2	85.6	87.9	89.4	90.2	91.4	91.6	91.7	92.2	92.2	92.4	92.4	92.5	91.2	91.5	91.2	89.9	77.3	
PNL	87.9	95.1	98.9	100.5	102.0	102.6	103.7	103.3	103.5	104.0	104.5	104.4	103.7	103.7	101.4	102.2	102.1	99.9	86.9	
PNLT	89.9	96.6	100.5	100.5	103.3	102.6	103.7	103.9	103.5	104.5	105.2	105.2	103.7	104.5	102.2	103.1	103.2	100.7	88.0	

CONDITION = 5907 ALTITUDE = 200. FT SIDELINE

OSPL	72.0	79.3	82.7	85.0	86.6	87.4	88.7	88.9	89.0	89.4	89.6	89.7	89.7	89.8	88.5	88.8	88.5	87.2	74.4	
PNL	84.2	91.9	95.9	97.5	99.1	99.7	100.8	100.6	100.7	101.1	101.5	101.5	100.9	100.7	98.5	99.3	99.2	96.8	83.3	
PNLT	86.2	93.4	97.5	97.5	100.3	99.7	100.8	101.1	100.7	101.6	102.3	102.2	100.9	101.6	99.3	100.3	100.3	97.4	84.5	

Point No. B(a)-12

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 5345
CORRECTED RPM = 5467

INLET TEMP = 36.00 F
TIME OF DAY = 1738
BARM. PRESSURE = 29.95 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.3	72.7	72.2	73.2	72.0	72.4	71.7	72.2	71.4	72.4	70.7	72.3	71.7	73.3	72.6	74.7	76.1	77.1	77.4	77.6	114.4
.063	74.8	76.1	74.6	75.7	73.4	74.7	71.6	74.6	72.6	74.2	72.2	73.4	72.6	74.7	73.8	75.9	76.7	77.7	77.8	76.8	115.6
.080	73.1	76.4	72.8	75.3	70.9	74.1	70.3	74.8	69.8	74.1	68.9	72.8	69.6	72.9	71.9	74.4	75.6	77.1	77.5	75.2	114.6
.100	72.5	77.1	71.7	75.8	71.2	75.4	70.8	75.4	69.5	75.8	69.5	74.8	70.4	75.3	71.8	76.1	77.0	77.2	77.6	76.1	115.5
.125	74.2	75.8	74.7	75.7	71.8	74.2	71.9	76.1	72.4	76.2	73.5	76.6	73.2	76.4	75.9	78.4	80.3	79.6	79.0	77.3	117.2
.160	73.6	75.3	74.2	74.9	73.3	74.5	72.2	75.5	74.2	76.3	74.6	76.3	75.6	76.9	76.2	78.9	80.8	81.4	81.3	76.7	117.8
.200	75.3	76.5	75.9	76.8	75.6	76.1	73.7	76.2	75.6	76.3	75.5	77.0	77.3	78.5	77.7	81.1	82.8	84.3	85.0	78.1	119.8
.250	75.4	77.5	76.3	76.9	75.9	77.4	76.5	77.3	76.3	77.0	77.4	78.0	77.9	78.4	79.6	79.9	81.9	82.5	82.4	77.6	119.6
.315	76.7	78.0	77.4	77.8	77.8	78.1	77.9	79.1	79.3	80.4	79.0	79.9	79.3	80.8	81.5	81.5	82.4	83.9	86.4	79.3	121.5
.400	78.8	76.9	78.9	78.3	78.6	79.3	77.8	79.7	79.4	79.2	78.2	79.4	78.9	79.8	80.6	81.0	81.9	83.8	87.9	79.8	121.5
.500	77.4	78.0	78.9	77.8	78.6	78.5	78.3	79.6	79.3	79.2	77.7	78.1	78.1	79.3	80.2	80.7	81.7	84.9	90.9	82.0	122.2
.630	77.7	77.8	77.4	78.0	76.9	78.2	77.9	79.0	78.0	78.1	77.6	77.9	78.3	79.6	80.7	81.1	82.6	85.8	89.0	81.8	121.7
.800	75.3	76.4	76.5	76.7	77.5	78.2	77.9	78.5	77.6	77.4	78.4	78.7	79.4	80.8	81.2	80.6	82.3	85.6	86.8	80.7	121.4
1.00	74.7	76.2	76.0	75.9	75.7	76.2	76.1	76.4	75.8	75.8	76.0	77.1	77.3	78.0	78.8	78.0	80.4	83.7	85.0	79.4	119.4
1.25	74.7	76.8	77.0	76.7	76.3	76.5	76.5	77.0	76.6	76.8	76.3	77.3	77.5	78.5	78.1	77.2	79.4	83.4	84.4	79.1	119.5
1.60	75.2	76.1	76.6	76.7	76.3	75.8	76.3	76.9	76.7	76.6	76.1	76.7	77.1	77.9	77.8	77.0	78.9	83.0	84.1	79.0	119.3
2.00	76.2	77.1	77.8	77.5	76.4	75.7	76.2	76.8	76.5	76.6	76.7	77.4	77.2	77.9	77.3	76.9	79.4	82.7	84.3	79.4	119.5
2.50	79.2	81.1	81.1	82.3	79.7	79.1	78.4	78.1	77.3	76.7	76.5	77.2	77.0	77.5	76.4	75.8	78.4	81.6	83.1	78.8	120.3
3.15	75.8	76.8	76.4	76.2	75.7	74.7	74.5	75.3	75.2	75.3	74.6	75.8	76.1	75.9	74.9	74.0	76.5	79.3	80.9	76.2	117.7
4.00	77.8	78.5	77.9	78.0	77.2	75.7	75.2	75.2	74.8	74.3	74.0	74.7	75.1	75.0	74.3	74.5	78.6	82.2	82.3	77.5	118.9
5.00	80.0	81.4	82.0	82.0	81.8	80.4	79.3	79.1	77.4	76.3	76.2	77.5	77.2	75.7	76.4	75.5	79.1	82.8	83.2	78.9	121.6
6.30	78.9	80.7	79.8	80.3	79.6	79.4	78.3	77.9	76.6	77.4	79.2	82.2	79.8	77.0	80.2	77.8	80.3	84.8	82.9	76.2	122.6
8.00	77.5	78.6	78.5	79.1	75.7	79.1	78.0	78.2	76.6	76.4	77.6	79.3	76.9	76.4	75.4	72.7	72.1	73.8	74.0	69.6	121.0
10.0	75.3	76.1	76.1	76.9	77.8	76.7	76.2	77.9	77.7	79.9	82.8	86.1	80.4	82.0	79.5	77.8	73.9	73.6	72.7	68.9	124.4
12.5	72.4	74.4	74.6	74.3	75.1	73.8	73.2	74.2	74.1	75.9	76.1	78.9	78.4	77.3	76.9	73.8	70.9	70.5	68.7	66.3	122.1
16.0	69.2	69.6	70.1	70.7	70.8	69.8	69.3	70.1	70.6	72.2	73.2	75.2	73.5	73.7	72.8	69.9	66.7	65.1	63.1	68.3	120.6
20.0	66.1	65.6	66.8	67.1	66.2	65.8	65.6	65.8	67.4	69.3	69.9	72.0	69.2	70.4	70.1	67.5	64.7	60.9	65.0	72.6	121.5
																				DAPWL =	134.6
TSPL	90.4	91.6	91.4	91.7	91.1	91.1	90.2	91.2	90..	91.0	90.9	92.7	91.3	92.1	92.1	92.2	93.8	96.3	98.2	92.3	
OSPL	90.3	91.5	91.2	91.6	90.5	91.0	90.1	91.1	90.2	90.8	90.6	92.3	91.0	91.8	91.9	92.1	93.7	96.2	98.2	92.2	
PNLT	104.2	105.8	105.8	106.7	105.4	104.9	103.8	103.3	102.1	102.2	102.5	105.1	103.1	103.0	104.2	103.3	105.6	109.1	109.2	103.6	
PNL	103.2	104.5	104.5	104.9	104.2	103.6	102.7	103.3	102.1	102.2	102.5	104.4	103.1	103.0	103.5	102.7	104.8	108.0	108.7	103.6	

CONDITION = 5467 ALTITUDE = 150. FT SIDELINE

OSPL	74.1	80.7	84.9	86.6	88.4	88.7	90.5	90.1	90.8	90.5	92.0	90.4	90.9	90.5	89.7	89.7	89.8	88.3	75.8	
PNL	85.6	93.4	98.0	99.8	101.0	101.3	102.7	101.9	102.2	102.3	104.1	102.4	102.1	102.1	100.0	100.4	100.9	98.0	85.2	
PNLT	87.0	94.7	99.8	101.0	102.3	102.3	102.7	101.9	102.2	102.3	104.7	102.4	102.1	102.8	100.6	101.2	102.0	98.5	85.2	

CONDITION = 5467 ALTITUDE = 200. FT SIDELINE

OSPL	71.1	77.7	82.0	83.8	85.6	86.0	87.8	87.3	88.1	87.6	89.0	87.6	88.1	87.8	87.0	87.0	87.1	85.6	72.9	
PNL	81.9	90.1	95.0	96.7	98.0	98.4	99.8	99.1	99.4	99.4	101.1	99.5	99.3	99.1	97.0	97.5	97.8	94.9	81.6	
PNLT	83.3	91.5	96.8	97.9	99.3	99.4	99.8	99.1	99.4	99.4	101.8	99.5	99.3	99.8	97.6	98.3	99.0	95.4	81.6	

Point No. B(a)-13

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6088
CORRECTED RPM = 6227

INLET TEMP = 36.00 F
TIME OF DAY = 1750
BARM. PRESSURE = 29.95 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER LE-12W
.050	73.6	72.7	73.3	73.4	73.2	73.3	72.9	73.0	72.2	72.7	72.2	73.3	73.6	74.4	74.7	76.9	78.5	78.3	79.9	83.4	116.0
.063	75.5	74.8	76.0	74.9	75.4	73.6	73.0	72.4	73.6	72.6	72.6	71.9	74.1	75.1	75.9	78.3	79.7	79.8	80.3	82.9	116.9
.080	74.5	74.9	74.1	73.2	72.1	71.5	71.3	71.1	70.0	70.3	70.0	71.2	71.6	73.1	74.3	76.6	78.3	79.1	80.3	81.3	115.3
.100	75.5	76.0	73.9	73.1	72.5	72.3	71.5	71.6	70.7	71.3	70.9	72.2	73.1	74.0	74.2	77.1	79.3	79.1	80.6	81.7	115.8
.125	74.7	74.1	74.1	73.9	72.5	71.1	72.2	74.1	73.5	74.2	74.5	75.9	75.4	76.2	77.8	79.3	81.8	81.2	80.8	81.7	117.7
.160	74.5	75.5	74.8	74.4	74.0	73.7	73.2	75.3	75.5	76.5	76.6	77.2	77.7	78.6	79.4	81.1	83.4	83.1	83.6	80.5	119.5
.200	76.9	77.5	77.7	77.3	76.7	76.6	75.4	76.9	77.0	77.0	77.4	78.3	79.6	81.2	81.4	84.3	85.1	85.8	87.1	82.0	121.8
.250	78.1	79.3	78.6	79.1	78.0	79.2	78.5	79.8	78.3	79.4	80.2	80.7	80.9	81.9	82.8	83.7	84.7	84.6	84.9	82.8	122.3
.315	79.6	80.7	80.5	79.9	80.0	80.5	81.0	81.9	82.0	82.5	81.8	82.5	82.4	84.1	85.1	85.3	85.0	85.7	88.8	84.0	124.3
.400	81.0	79.6	81.5	81.1	80.5	81.2	80.8	82.5	82.1	81.8	81.2	81.8	82.2	82.9	84.7	84.8	84.1	85.3	90.3	84.8	124.3
.500	80.2	81.5	82.4	81.3	82.4	81.8	81.6	82.6	82.8	82.1	81.2	81.4	82.1	83.0	83.6	83.8	84.2	86.2	91.8	86.9	124.7
.630	80.2	81.2	80.7	81.3	82.2	83.0	81.6	82.3	82.0	81.1	80.8	81.6	82.1	83.8	84.8	84.1	85.5	87.7	91.3	87.5	124.9
.800	77.6	78.9	79.7	79.6	80.6	81.3	81.3	81.6	81.1	81.4	82.1	82.1	83.4	84.3	84.7	84.0	85.0	87.5	89.4	85.7	124.4
1.00	77.1	78.8	78.9	78.8	79.0	79.5	79.3	79.7	79.4	79.0	79.6	80.4	81.2	82.0	82.5	81.1	83.0	86.2	87.7	84.0	122.6
1.25	76.9	78.6	79.5	79.2	79.3	79.2	79.9	80.2	80.2	80.1	80.3	80.9	81.6	82.2	82.1	80.5	82.7	86.2	87.5	84.4	122.8
1.60	76.8	78.4	79.1	79.0	78.5	78.6	79.4	79.9	79.9	80.0	79.8	80.3	81.3	81.9	81.4	80.2	82.1	85.6	87.2	84.6	122.4
2.00	76.9	78.1	78.5	79.0	78.7	78.4	78.9	79.6	79.7	79.5	79.9	80.3	81.0	81.0	80.4	79.6	82.1	85.2	86.8	84.0	122.2
2.50	79.0	81.0	80.1	80.6	79.3	79.2	78.9	80.0	79.9	79.5	80.2	80.3	80.9	81.0	79.9	79.0	81.7	84.7	86.6	85.0	122.4
3.15	79.0	80.9	80.4	81.2	79.7	79.1	78.5	79.4	79.1	79.1	78.9	79.4	79.5	79.3	78.1	77.1	79.5	82.3	84.0	81.6	121.5
4.00	77.3	78.4	78.5	78.5	77.9	77.4	77.4	77.6	78.1	77.7	77.8	78.0	78.5	78.1	77.2	76.0	78.3	81.2	82.6	80.4	120.4
5.00	77.5	78.9	79.2	79.1	79.1	78.2	77.7	77.8	77.9	77.4	77.9	77.6	77.8	77.4	76.5	76.2	79.5	82.8	83.3	81.2	121.0
6.30	77.5	79.2	78.8	79.0	78.9	78.6	78.0	78.4	79.1	79.6	83.3	83.1	83.1	79.5	82.3	81.1	82.7	86.0	85.1	79.9	124.1
8.00	75.3	76.7	76.6	76.5	76.5	76.0	75.9	76.2	77.3	78.2	81.0	80.8	81.2	77.8	82.4	79.7	77.4	79.3	79.4	75.8	122.4
10.0	72.8	74.3	74.7	74.4	74.7	74.2	74.7	75.9	78.2	81.2	81.8	82.9	81.0	82.4	79.6	76.0	74.1	74.9	74.8	72.6	123.6
12.5	69.7	72.1	72.7	71.8	72.4	71.8	72.6	74.6	76.2	78.7	79.7	80.8	80.7	80.0	78.5	75.6	73.1	73.8	72.9	70.2	123.7
16.0	66.2	67.3	66.0	68.1	67.6	67.8	68.5	70.7	72.7	75.1	76.8	77.1	75.9	76.1	74.6	72.0	68.5	68.0	66.4	70.2	122.3
20.0	63.7	63.4	65.3	65.1	64.1	64.5	65.3	67.2	70.2	72.9	74.3	74.8	72.7	74.1	73.1	69.7	66.9	64.6	11.0	74.4	124.0
																			OAPWL =		136.7
TSPL	91.4	92.4	92.6	92.5	92.4	92.4	92.2	93.0	93.0	93.2	93.7	94.2	94.5	94.9	95.4	95.2	96.3	98.1	100.4	97.2	
OSPL	91.3	92.3	92.5	92.4	92.3	92.3	92.1	92.9	92.8	92.9	93.4	93.8	94.2	94.7	95.2	95.1	96.2	98.1	100.4	97.2	
PNLT	103.7	105.1	105.0	105.2	104.6	104.2	103.9	104.7	104.7	104.8	106.5	106.7	106.9	106.0	106.3	106.2	107.8	110.5	111.9	108.8	
PNL	103.7	105.1	105.0	105.2	104.6	104.2	103.9	104.7	104.7	104.8	105.8	106.0	106.3	106.0	106.3	105.6	107.1	109.6	111.3	108.8	

CONDITION = 6227 ALTITUDE = 150. FT SIDELINE

OSPL		75.5	82.4	85.9	88.2	89.9	90.8	92.3	92.7	92.9	93.2	93.5	93.6	93.8	93.9	92.7	92.2	91.7	90.5	80.9	
PNL		86.3	94.1	98.4	100.3	101.7	102.6	104.1	104.5	104.8	105.7	105.7	105.7	105.1	104.9	103.0	102.9	102.8	100.7	90.6	
PNLT		86.3	94.1	98.4	100.3	101.7	102.6	104.1	104.5	104.8	106.3	106.3	106.3	105.1	104.9	103.5	103.6	103.7	101.4	90.6	

CONDITION = 6227 ALTITUDE = 200. FT SIDELINE

OSPL		72.6	79.6	83.1	85.5	87.2	88.1	89.7	90.0	90.2	90.5	90.7	90.9	91.1	91.2	90.0	89.6	89.0	87.8	78.0	
PNL		82.6	90.9	95.4	97.3	98.8	99.7	101.3	101.7	102.0	102.7	102.8	102.7	102.3	102.0	100.0	100.0	99.9	97.6	87.0	
PNLT		82.6	90.9	95.4	97.3	98.8	99.7	101.3	101.7	102.0	103.4	103.4	103.3	102.3	102.0	100.5	100.7	100.7	98.3	87.0	

Point No. B(a)-14

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6260
CORRECTED RPM = 6409

INLET TEMP = 35.00 F
TIME OF DAY = 1759
BARM. PRESSURE = 29.95 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 KPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.1	73.0	73.2	74.1	73.4	73.5	73.3	73.6	73.5	72.7	72.8	73.8	74.1	74.8	75.7	77.2	79.1	79.0	80.4	81.8	116.4
.063	76.9	75.0	77.1	75.3	76.1	74.0	74.0	73.5	75.3	73.2	74.9	72.4	76.2	75.5	77.4	79.1	80.4	80.5	80.8	80.9	117.7
.080	74.8	75.4	74.3	73.9	72.4	71.9	71.7	71.6	70.3	71.0	70.9	71.7	72.2	74.2	75.3	77.5	78.9	79.5	80.6	79.8	115.8
.100	75.5	75.4	74.0	73.3	73.0	71.7	72.2	71.6	71.9	70.9	71.8	72.5	74.5	74.7	75.3	77.9	80.5	79.9	81.7	80.4	116.5
.125	74.8	73.8	74.0	73.4	72.8	71.0	72.8	74.2	73.9	74.4	75.4	76.1	76.3	76.6	78.6	80.2	82.8	82.0	81.1	80.8	118.3
.160	75.1	75.6	75.1	74.4	74.3	73.7	73.9	75.3	75.8	76.6	77.1	77.6	78.5	79.2	80.5	81.9	84.2	83.6	83.4	80.1	120.0
.200	77.4	77.6	77.9	77.5	77.1	76.2	75.7	76.9	77.3	77.2	78.0	78.6	80.6	82.0	82.0	85.2	86.0	86.1	87.4	82.0	122.3
.250	78.6	79.4	78.0	79.1	78.6	79.1	79.1	80.2	78.9	79.4	80.8	81.1	81.6	82.4	83.4	84.1	85.7	84.8	85.3	82.9	122.7
.315	79.9	80.9	80.8	80.4	80.6	80.9	81.2	82.3	82.3	82.8	82.2	82.9	83.2	84.4	85.9	85.7	85.7	86.2	89.5	84.6	124.8
.400	81.5	79.9	82.1	81.7	81.3	81.4	81.3	82.9	82.5	82.1	81.8	82.1	82.8	83.6	85.6	85.4	85.2	85.8	90.9	85.7	124.9
.500	80.7	81.9	83.1	81.7	83.4	82.1	82.6	83.4	83.6	82.4	82.2	81.9	83.0	83.8	84.7	84.5	85.3	86.8	93.6	87.9	125.7
.630	81.1	81.1	81.0	81.9	82.5	83.1	81.9	82.4	82.8	81.6	81.7	82.0	83.3	84.2	85.6	84.8	85.9	88.3	92.4	88.7	125.6
.800	77.9	79.1	80.3	80.2	81.5	82.0	82.2	82.1	81.5	81.9	82.6	82.6	84.2	85.1	85.6	84.7	86.0	88.2	90.1	87.5	125.1
1.00	77.4	78.7	79.4	79.1	79.4	79.6	79.8	80.3	80.0	79.7	80.3	81.0	82.0	82.8	83.3	82.0	84.0	86.8	88.4	85.8	123.2
1.25	76.8	78.3	80.1	80.0	79.9	79.7	80.5	80.9	80.8	80.8	81.0	81.6	82.5	83.0	82.8	81.5	83.7	86.9	88.2	86.1	123.5
1.60	76.6	78.2	79.5	79.4	79.3	79.2	80.2	80.6	80.3	80.5	80.4	80.9	82.2	82.6	82.1	81.1	82.8	86.4	87.8	86.4	123.1
2.00	76.4	77.8	78.8	78.9	78.7	78.4	79.3	80.1	79.9	80.1	80.7	80.8	81.5	81.8	81.0	80.3	82.9	85.9	87.5	85.4	122.7
2.50	76.4	78.5	78.7	78.4	78.2	78.0	78.7	79.9	79.8	79.7	80.4	80.8	81.3	81.4	80.4	79.6	82.2	85.1	86.6	85.5	122.4
3.15	75.9	77.1	78.1	78.7	78.2	77.5	78.2	78.8	79.2	79.4	79.3	80.0	80.4	79.9	78.8	77.8	80.5	82.9	84.5	83.0	121.4
4.00	74.2	76.0	77.0	77.3	77.0	76.7	77.4	77.9	78.3	78.1	78.3	78.8	79.3	78.7	77.8	76.9	79.2	81.7	83.2	81.7	120.6
5.00	73.9	75.4	76.3	76.3	76.1	76.0	76.8	77.4	77.5	77.6	77.9	78.1	78.2	77.9	76.9	76.9	79.6	82.8	83.6	82.0	120.6
6.30	71.7	73.8	74.9	75.3	75.1	75.2	76.3	77.1	77.8	79.8	81.3	83.0	81.9	79.3	79.8	80.3	83.0	86.1	85.1	80.5	123.2
8.00	69.3	71.4	72.8	73.0	72.9	73.5	74.9	75.7	77.6	79.3	79.4	82.0	84.1	77.7	82.4	79.9	79.4	81.4	81.2	77.2	122.8
10.0	66.6	68.9	71.2	71.3	71.9	72.2	74.2	76.0	76.7	80.9	82.2	82.9	81.3	80.7	79.0	76.0	75.3	75.4	74.9	73.5	123.2
12.5	63.4	66.8	65.6	65.2	70.3	70.6	72.5	75.1	76.3	79.4	80.3	81.5	81.0	80.5	79.2	76.0	74.2	74.7	73.3	71.0	124.1
16.0	60.4	62.1	65.7	65.7	66.1	66.8	68.3	71.1	73.0	75.5	76.9	77.7	76.3	76.5	75.0	72.1	69.7	68.7	66.9	70.2	122.5
20.0	60.8	59.9	64.2	63.7	63.2	63.7	65.3	68.0	70.6	73.5	74.7	75.2	73.3	74.8	73.4	70.0	67.7	64.9	11.0	74.4	124.4
																			OAPWL =		137.0
TSPL	90.9	91.6	92.3	92.1	92.3	92.2	92.5	93.3	93.3	93.6	94.0	94.6	95.2	95.4	96.0	95.8	97.1	98.7	101.2	98.0	
OSPL	90.9	91.5	92.3	92.1	92.3	92.1	92.4	93.2	93.2	93.3	93.7	94.2	95.0	95.1	95.8	95.7	97.1	98.6	101.2	98.0	
PNLT	101.7	102.9	104.2	103.8	104.2	103.3	103.9	104.6	105.4	105.1	105.9	106.3	107.1	106.4	106.9	105.9	108.4	110.7	[illegible]	109.5	
PNL	101.7	102.9	103.7	103.8	103.6	103.3	103.9	104.6	104.8	105.1	105.4	106.3	106.6	106.4	106.4	105.9	107.9	110.1	[illegible]	109.5	

CONDITION = 6409 ALTITUDE = 150. FT SIDELINE

OSPL		75.2	82.4	85.7	88.3	89.7	91.1	92.6	93.0	93.3	93.5	93.9	94.4	94.2	94.5	93.3	93.0	92.3	91.4	81.6	
PNL		84.6	92.9	97.0	99.4	100.7	102.5	104.0	104.7	105.1	105.3	106.0	106.0	105.5	105.0	103.4	103.6	103.3	101.1	91.3	
PNLT		84.6	93.4	97.0	99.9	100.7	102.5	104.0	105.2	105.1	105.8	106.0	106.5	105.5	105.5	103.4	104.2	104.0	101.6	91.3	

CONDITION = 6409 ALTITUDE = 200. FT SIDELINE

OSPL		72.4	79.7	83.0	85.6	87.1	88.5	90.0	90.4	90.6	90.8	91.1	91.7	91.6	91.9	90.7	90.4	89.5	88.7	78.7	
PNL		81.0	89.7	94.0	96.5	97.9	99.7	101.3	101.9	102.3	102.5	103.0	103.2	102.7	102.2	100.6	100.7	100.4	98.1	87.8	
PNLT		81.0	90.3	94.0	97.0	97.9	99.7	101.3	102.5	102.3	103.0	103.5	103.7	102.7	102.8	100.6	101.4	101.1	98.6	87.8	

Point No. B(a)-15

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6395
CORRECTED RPM = 6548

INLET TEMP = 35.00 F
TIME OF DAY = 1808
BARM. PRESSURE = 29.93 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.5	74.1	74.0	75.1	74.2	75.1	73.8	74.4	73.4	74.4	73.1	74.5	74.7	75.7	75.9	78.4	79.8	79.7	80.8	83.5	117.2
.063	76.7	76.6	77.5	77.2	76.2	76.4	74.4	75.5	75.2	75.2	74.6	74.2	76.1	76.4	77.1	79.8	80.4	81.0	81.3	82.3	118.3
.080	75.4	77.3	74.7	76.4	73.1	75.1	72.2	74.9	70.7	74.1	71.1	74.0	72.4	75.2	75.1	78.0	79.6	80.4	80.8	80.9	116.9
.100	74.8	77.8	74.1	76.6	73.1	75.7	71.7	76.0	71.7	75.8	71.6	75.4	73.7	77.1	74.9	79.0	80.5	80.1	82.0	81.4	117.6
.125	75.1	76.6	74.5	76.5	73.0	74.9	72.6	76.9	74.0	77.1	75.4	78.1	76.5	78.9	78.5	81.4	82.7	81.8	81.6	81.5	119.1
.160	75.5	76.7	75.1	76.1	74.4	75.7	73.6	76.6	76.0	78.1	77.4	78.9	78.6	80.4	80.6	82.9	84.0	84.4	83.8	80.7	120.6
.200	77.6	78.8	78.0	78.1	77.1	77.4	75.8	77.7	77.4	77.9	78.2	79.5	80.6	82.4	82.5	85.4	85.8	86.9	87.8	82.0	122.7
.250	78.6	79.8	79.1	79.6	78.6	79.7	79.6	80.4	79.4	80.7	81.2	81.9	82.1	83.2	84.2	84.5	85.3	85.5	85.6	82.5	123.2
.315	80.0	81.1	81.3	80.9	80.5	81.2	81.7	82.5	82.7	83.5	82.9	83.3	83.4	85.2	86.6	85.9	85.3	86.9	89.7	83.3	125.1
.400	81.5	80.0	82.2	82.0	81.4	82.1	81.6	83.1	82.8	82.4	81.9	82.3	82.9	84.0	86.0	85.5	84.4	86.6	91.3	84.6	125.1
.500	81.2	82.3	83.6	82.2	83.8	82.5	82.4	83.8	83.8	82.9	82.4	82.5	83.3	84.1	85.1	84.9	85.0	87.4	93.5	86.3	125.9
.630	81.6	81.8	81.5	82.5	82.2	83.3	82.0	82.8	82.8	82.1	81.9	82.3	83.6	84.7	85.9	85.2	86.4	89.0	92.6	87.2	125.9
.800	78.0	79.2	80.5	80.5	81.6	82.2	82.4	82.3	82.2	82.5	82.9	83.0	84.4	85.4	85.7	84.8	85.8	89.0	90.8	85.9	125.5
1.00	77.6	78.9	79.8	79.5	79.7	80.1	80.1	80.4	80.6	80.2	80.9	81.4	82.4	83.2	83.7	82.1	83.9	87.4	88.6	84.3	123.6
1.25	77.0	78.2	80.2	80.1	80.0	80.2	80.5	81.2	81.1	81.0	81.2	81.7	82.8	83.4	83.2	81.7	83.6	87.7	88.7	84.4	123.8
1.60	76.4	78.2	79.8	79.6	79.5	79.6	80.3	80.9	80.9	81.0	80.8	81.4	82.5	82.9	82.5	81.3	82.9	87.0	88.5	84.6	123.5
2.00	75.7	77.6	78.6	79.0	78.5	78.8	79.4	80.5	80.6	80.5	80.9	81.4	82.2	82.2	81.6	80.7	83.1	86.5	88.1	83.8	123.1
2.50	75.8	77.9	78.4	78.1	77.8	78.3	78.8	79.8	80.3	80.2	80.9	81.1	81.7	81.7	80.9	80.0	82.4	85.6	87.3	84.2	122.7
3.15	73.4	75.6	77.1	78.0	76.5	77.2	77.7	78.8	79.5	79.6	79.7	80.1	80.9	80.3	79.1	78.2	80.3	83.5	85.1	81.7	121.5
4.00	72.6	74.9	76.5	76.9	76.4	76.9	77.5	77.9	78.9	78.6	78.8	79.1	79.9	79.2	78.2	77.2	79.3	82.3	83.7	80.5	120.9
5.00	72.1	74.5	75.6	75.9	75.6	76.0	76.7	77.5	78.1	77.9	78.4	78.4	78.7	78.3	77.3	76.8	79.4	82.9	83.2	80.6	120.6
6.30	69.5	72.1	74.2	74.6	74.3	75.3	76.2	77.1	77.7	79.2	82.0	81.5	81.3	79.1	78.9	78.9	81.8	86.0	84.7	79.2	122.7
8.00	67.2	70.1	72.1	72.5	72.2	73.2	74.4	75.3	76.3	79.2	80.6	79.2	79.7	77.5	79.8	79.3	79.5	83.3	82.6	76.8	122.1
10.0	64.6	67.4	70.5	71.0	71.4	72.3	73.8	75.4	77.2	80.1	82.2	83.2	81.7	80.4	79.0	76.0	74.6	75.7	75.5	72.3	123.1
12.5	61.8	65.6	65.1	69.0	69.6	70.7	72.4	75.0	76.9	79.5	81.1	82.3	82.3	80.9	79.7	76.5	74.1	75.0	73.8	69.9	124.6
16.0	59.3	61.0	65.1	65.6	65.6	66.8	68.2	71.0	73.3	75.8	77.7	77.5	77.3	76.5	74.9	72.3	68.7	68.6	67.2	68.0	122.7
20.0	10.4	59.2	63.6	63.5	62.7	64.0	65.3	67.8	70.9	73.5	75.2	75.3	73.9	74.3	73.4	70.1	66.9	64.7	10.8	72.2	124.5
																			OAPWL =		137.3
TSPL	90.9	91.9	92.5	92.6	92.3	92.8	92.6	93.6	93.7	94.1	94.4	94.9	95.3	95.9	96.2	96.1	96.9	99.3	101.5	97.0	
OSPL	90.9	91.9	92.4	92.5	92.3	92.7	92.5	93.6	93.5	93.8	94.0	94.5	95.0	95.6	96.1	96.0	96.9	99.3	101.5	96.9	
PNLT	100.9	102.6	103.9	103.7	103.1	103.6	103.8	104.9	105.7	105.5	105.9	106.2	106.8	106.9	106.6	106.2	107.8	110.6	112.7	108.4	
PNL	100.9	102.6	103.4	103.7	103.1	103.6	103.8	104.9	105.1	105.5	105.9	106.2	106.8	106.9	106.6	106.2	107.8	110.6	112.2	108.4	

CONDITION = 6548 ALTITUDE = 150. FT SIDELINE

OSPL		75.8	82.6	86.2	88.3	90.3	91.2	93.0	93.4	93.8	93.9	94.2	94.4	94.7	94.8	93.6	92.9	92.9	91.7	80.6	
PNL			84.4	92.7	96.9	98.8	101.1	102.4	104.3	105.0	105.5	105.7	105.9	106.2	105.9	105.3	103.6	103.6	103.9	101.6	90.2
PNLT			84.4	93.3	96.9	98.8	101.1	102.4	104.3	105.5	105.5	105.7	105.9	106.2	105.9	105.3	103.6	103.6	104.4	102.1	90.2

CONDITION = 6548 ALTITUDE = 200. FT SIDELINE

OSPL		73.0	79.9	83.6	85.6	87.7	88.6	90.4	90.7	91.2	91.2	91.4	91.7	92.1	92.2	91.0	90.3	90.2	89.0	77.8	
PNL			80.9	85.6	93.9	96.0	98.3	99.6	101.5	102.2	102.7	102.9	103.1	103.4	103.1	102.5	100.8	100.7	101.0	98.5	86.6
PNLT			80.9	90.1	93.9	96.0	98.3	99.6	101.5	102.7	102.7	102.9	103.1	103.4	103.1	102.5	100.8	100.7	101.5	99.0	86.6

Point No. B(a)-16

ENGINE MODEL = -D0
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6480
CORRECTED RPM = 6648

INLET TEMP = 33.00 F
TIME OF DAY = 1814
BARM. PRESSURE = 29.95 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.7	73.9	74.1	74.4	74.5	74.0	73.8	74.1	73.8	73.4	73.9	74.3	75.3	75.7	76.5	76.3	80.1	79.4	80.6	82.1	117.1
.063	77.4	77.7	77.6	77.4	76.7	76.1	75.3	75.9	76.1	75.9	75.6	75.6	76.5	77.5	77.6	80.2	81.1	81.2	81.2	81.6	118.8
.080	76.8	76.6	75.8	74.1	74.5	72.7	74.2	72.5	73.5	71.7	73.3	72.4	74.2	74.5	76.3	78.3	79.6	80.1	80.9	79.9	116.8
.100	76.9	75.9	76.2	73.5	75.2	72.6	75.0	72.3	75.3	72.2	75.0	73.1	76.4	75.4	76.8	78.5	81.0	80.3	82.1	80.4	117.6
.125	76.1	74.5	75.6	74.0	74.6	71.7	74.9	74.9	76.0	74.6	77.0	76.7	78.1	77.7	79.8	80.9	83.5	82.1	82.0	80.8	119.2
.160	75.7	76.0	75.7	75.0	75.1	74.5	74.7	75.9	76.7	77.0	78.1	78.3	79.5	80.1	81.4	82.8	84.7	83.9	83.6	80.3	120.6
.200	78.4	77.9	78.3	77.7	77.6	76.7	76.9	77.4	78.2	77.6	78.5	79.2	81.3	82.4	82.9	86.0	86.4	87.1	87.3	81.7	122.9
.250	79.1	79.8	79.4	79.6	79.2	79.8	79.9	80.4	79.7	80.3	81.6	81.8	82.7	83.4	84.4	84.9	86.1	85.5	85.7	82.4	123.4
.315	80.2	81.3	81.6	80.9	81.0	81.4	82.1	82.6	83.0	83.6	83.4	83.5	83.8	85.5	86.9	86.4	86.1	86.6	89.8	83.7	125.4
.400	81.9	80.2	82.3	82.1	81.8	81.9	82.1	83.5	83.1	82.6	82.6	82.9	83.6	84.8	86.8	86.0	85.2	86.5	91.0	84.7	125.4
.500	80.9	82.1	83.2	82.4	83.7	82.8	82.9	84.3	84.3	83.0	83.0	82.9	83.7	84.3	85.7	85.1	85.5	87.2	93.5	86.6	126.1
.630	81.3	81.4	81.2	82.7	82.2	83.2	82.0	83.0	82.9	82.4	82.3	82.7	84.1	85.1	86.7	85.5	86.4	88.9	92.5	87.3	126.0
.800	78.5	79.4	80.5	80.6	82.0	82.5	82.4	82.8	82.3	82.5	83.3	83.4	85.1	85.7	86.1	85.3	86.2	89.1	90.8	86.4	125.7
1.00	77.6	79.1	79.5	79.7	79.9	80.4	80.2	80.9	80.7	80.4	81.1	82.1	82.9	83.6	84.2	82.7	84.0	87.3	88.8	84.5	123.8
1.25	77.0	78.7	80.2	80.4	80.2	80.3	80.8	81.5	81.2	81.6	81.6	82.4	83.2	83.7	83.6	82.0	83.9	87.2	88.6	84.7	124.0
1.60	76.5	78.5	79.4	79.9	79.7	80.0	80.5	81.4	80.9	81.1	81.1	81.8	82.9	83.3	82.8	81.7	83.1	86.9	88.4	84.9	123.7
2.00	75.8	77.8	78.6	79.4	79.0	79.1	79.6	80.7	80.7	80.8	81.2	81.8	82.4	82.2	81.7	81.0	83.3	86.5	87.8	84.0	123.3
2.50	75.8	78.3	78.3	78.3	78.0	78.5	78.9	80.4	80.3	80.5	81.1	81.5	81.9	82.0	81.0	80.1	82.7	85.5	87.1	84.5	122.8
3.15	73.4	75.9	77.0	77.3	77.1	77.3	78.0	79.3	79.7	79.8	80.0	80.8	81.0	80.3	79.2	78.5	80.6	83.5	85.1	81.8	121.7
4.00	72.8	75.4	76.5	77.0	76.8	77.2	77.7	78.7	79.1	78.9	79.2	79.7	80.0	79.3	78.6	77.6	79.6	82.3	83.8	80.6	121.2
5.00	72.2	75.0	75.9	76.3	76.0	76.6	77.2	77.9	78.4	78.5	78.9	79.2	78.8	78.4	77.5	77.0	79.5	82.7	83.3	80.6	120.9
6.30	69.6	72.8	74.4	75.0	75.0	75.9	76.9	77.6	78.1	79.5	82.4	82.4	80.5	79.2	79.2	79.0	81.7	84.8	84.1	79.0	122.7
8.00	67.5	70.5	72.4	72.8	72.7	73.7	74.8	75.8	76.2	78.8	80.9	80.5	79.2	78.1	79.1	77.4	79.9	83.7	83.2	77.3	122.2
10.0	64.8	68.0	70.5	71.3	71.8	72.8	74.4	76.3	77.4	80.4	82.4	83.9	81.1	80.4	79.2	76.3	74.8	75.8	75.4	72.5	123.3
12.5	62.2	66.2	65.5	69.4	70.3	71.5	73.2	76.4	77.5	80.2	82.0	83.9	82.0	81.5	80.4	77.2	74.6	75.5	73.6	70.0	125.3
16.0	59.4	61.5	65.5	65.8	66.0	67.5	68.6	72.0	73.9	76.5	78.1	78.8	77.0	76.8	75.5	72.7	69.6	69.4	67.5	68.0	123.3
20.0	10.5	59.5	64.2	63.8	63.1	64.3	65.6	68.6	71.4	74.3	75.7	76.5	73.9	75.1	74.0	70.6	67.8	65.4	10.9	72.3	125.1
																			OAPWL =		137.6
TSPL	91.2	91.8	92.5	92.5	92.6	92.7	93.0	93.9	94.0	94.2	94.9	95.4	95.7	96.1	96.7	96.4	97.4	99.2	101.4	97.0	
OSPL	91.1	91.8	92.5	92.5	92.6	92.7	92.9	93.8	93.8	93.9	94.5	94.9	95.4	95.9	96.6	96.3	97.3	99.2	101.4	97.0	
PNLT	101.1	102.8	103.4	104.0	103.5	103.7	104.2	105.2	105.4	106.2	106.3	106.7	107.0	107.1	106.9	106.3	108.1	110.5	112.1	108.5	
PNL	101.1	102.8	103.4	103.5	103.5	103.7	104.2	105.2	105.4	105.6	106.3	106.7	107.0	107.1	106.9	106.3	108.1	110.5	112.1	108.5	

CONDITION = 6648 ALTITUDE = 150. FT SIDELINE

OSPL		75.6	82.7	86.1	88.6	90.3	91.6	93.2	93.7	93.9	94.4	94.6	94.8	95.0	95.3	93.9	93.3	92.8	91.6	80.6	
PNL		84.6	92.8	96.7	99.2	101.1	102.8	104.6	105.3	105.6	106.2	106.4	106.4	106.1	105.6	103.8	103.9	103.8	101.5	90.3	
PNLT		84.6	92.8	97.3	99.2	101.1	102.8	104.6	105.3	106.2	106.2	106.4	106.4	106.1	105.6	103.8	103.9	103.8	101.5	90.3	

CONDITION = 6648 ALTITUDE = 200. FT SIDELINE

OSPL		72.8	80.0	83.5	85.9	87.6	89.0	90.6	91.0	91.2	91.6	91.8	92.1	92.3	92.6	91.3	90.7	90.1	88.9	77.8	
PNL		81.1	89.6	93.8	96.3	98.3	100.0	101.8	102.5	102.8	103.3	103.6	103.6	103.3	102.8	101.0	101.0	100.8	98.4	86.8	
PNLT		81.1	89.6	94.3	96.3	98.3	100.0	101.8	102.5	103.4	103.3	103.6	103.6	103.3	102.8	101.0	101.0	100.8	98.4	86.8	

Point No. B(a)-17

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/08/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6565
CORRECTED RPM = 6729

INLET TEMP = 34.00 F
TIME OF DAY = 1819
BARM. PRESSURE = 29.95 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.8	74.0	74.6	74.3	74.8	74.2	74.2	74.9	75.4	75.2	75.6	76.2	77.0	77.6	78.1	80.0	80.8	80.4	81.3	82.3	118.2
.063	77.1	75.7	77.3	76.1	76.4	74.8	75.0	75.2	76.9	76.2	77.4	76.3	78.6	79.0	79.7	81.7	82.2	81.5	82.0	81.1	119.4
.080	76.7	75.8	75.4	74.3	73.3	72.7	72.9	73.0	72.0	72.9	73.4	74.5	75.0	76.5	77.5	79.4	80.5	80.9	81.5	79.6	117.3
.100	76.1	75.5	74.6	74.2	73.7	72.1	72.9	72.2	72.2	72.8	72.9	74.2	75.6	76.9	76.4	79.4	81.1	80.8	82.2	80.2	117.4
.125	75.6	74.4	74.8	74.3	73.6	72.0	73.3	75.3	74.7	75.4	76.1	77.3	77.3	78.6	79.5	81.4	83.4	82.4	82.0	80.8	119.1
.160	75.7	75.9	75.4	75.0	74.8	74.3	74.3	75.8	76.5	77.5	78.0	78.8	79.7	80.7	81.7	83.3	85.0	84.5	83.9	80.7	120.9
.200	77.9	78.5	78.4	77.7	77.8	76.8	76.8	77.7	78.2	77.9	78.8	79.9	82.0	83.4	83.9	86.8	86.7	86.8	87.9	81.9	123.3
.250	79.2	79.7	79.3	79.7	79.6	80.1	80.5	81.3	80.3	81.3	82.3	82.9	83.9	85.0	85.9	86.2	87.0	85.8	86.0	82.8	124.3
.315	80.7	81.5	81.8	81.3	81.6	81.7	82.6	83.6	84.3	84.6	84.9	85.3	85.9	86.8	88.5	87.3	86.8	87.0	89.9	84.1	126.3
.400	81.8	80.4	82.4	82.2	82.1	82.2	82.4	83.7	83.5	83.4	83.4	83.8	84.9	85.9	87.9	86.9	85.8	86.5	91.1	85.2	126.0
.500	81.6	82.3	83.6	82.5	84.0	82.4	83.1	83.9	84.6	83.5	83.7	83.8	84.6	86.0	86.9	86.6	86.2	87.3	93.5	87.1	126.6
.630	81.7	82.1	81.5	83.0	82.6	83.1	82.4	83.6	83.3	83.1	83.7	84.2	85.6	86.9	87.9	86.4	87.0	89.1	92.3	88.1	126.6
.800	78.4	79.7	80.7	80.6	82.2	82.4	82.6	82.8	82.6	83.1	83.7	83.9	85.4	86.6	86.7	85.3	86.3	89.0	91.0	86.8	126.0
1.00	77.7	79.3	79.7	79.7	80.0	80.1	80.3	80.6	80.9	80.7	81.5	82.3	83.3	84.5	84.7	82.8	84.3	87.2	89.0	85.1	124.0
1.25	77.3	78.7	80.2	80.2	80.3	80.1	80.9	81.1	81.3	81.4	81.8	82.4	83.2	84.0	83.8	82.0	84.1	87.3	88.8	85.4	124.0
1.60	76.6	78.5	79.6	79.9	80.1	79.7	80.6	81.1	81.0	81.4	81.3	81.9	82.8	83.5	82.9	81.5	83.3	87.0	88.4	85.5	123.7
2.00	76.0	78.1	78.7	79.1	79.4	78.9	79.8	80.6	80.9	80.7	81.4	81.9	82.4	82.6	81.9	81.0	83.2	86.5	88.1	84.6	123.3
2.50	76.3	78.8	78.5	78.2	78.5	78.3	79.1	80.3	80.4	80.4	81.1	81.4	82.0	82.1	81.0	80.0	82.7	85.7	87.4	84.9	122.9
3.15	73.4	76.0	77.2	77.3	77.4	77.2	78.1	79.0	79.8	79.9	80.1	80.8	80.8	80.7	79.4	78.5	80.7	83.4	85.3	82.4	121.7
4.00	72.6	75.4	76.7	77.0	77.1	76.9	77.8	78.2	79.0	78.9	79.1	79.6	79.8	79.5	78.3	77.5	79.5	82.4	83.8	81.1	121.1
5.00	72.0	75.0	75.8	75.8	76.4	76.1	77.1	77.5	78.1	78.3	78.8	79.1	78.8	78.7	77.5	77.1	79.6	82.7	83.7	81.1	120.9
6.30	69.3	72.7	74.4	74.6	75.3	75.5	76.8	77.5	78.1	79.7	82.6	82.3	80.5	79.4	78.8	78.7	81.1	84.1	84.2	79.1	122.5
8.00	66.9	70.6	72.2	72.5	73.1	73.3	74.6	75.6	76.1	78.3	80.3	80.4	75.2	78.6	78.2	77.4	80.6	84.2	84.8	78.1	122.3
10.0	64.2	68.0	70.7	71.0	72.2	72.4	74.3	76.1	77.6	80.8	82.8	83.5	81.4	80.8	79.4	76.6	75.1	76.1	75.9	73.0	123.5
12.5	61.7	66.2	69.3	69.0	70.8	71.1	73.4	76.2	77.9	81.1	82.4	83.4	82.8	82.1	80.8	77.8	75.1	75.7	74.1	70.6	125.7
16.0	59.2	61.7	65.2	65.7	66.6	67.2	68.8	71.8	74.2	77.0	78.7	78.6	77.6	77.4	76.1	73.3	70.1	69.9	67.9	68.0	123.7
20.0	60.5	59.7	64.0	63.5	63.5	64.1	65.7	68.5	71.6	74.8	76.1	76.4	74.4	75.4	74.3	71.1	68.2	66.3	10.9	72.3	125.4
TSPL	91.3	91.9	92.6	92.5	92.9	92.6	93.1	94.0	94.3	94.6	95.4	95.8	96.3	97.1	97.5	97.1	97.8	99.3	101.6	DAPHL = 97.4	137.9
OSPL	91.2	91.9	92.6	92.5	92.6	92.6	93.1	93.8	94.1	94.3	95.0	95.4	96.0	96.8	97.4	97.0	97.7	99.3	101.6	97.4	
PNLT	101.3	103.1	103.5	103.4	103.7	103.5	104.2	105.1	106.1	105.8	107.1	106.9	107.2	107.6	107.2	106.6	108.3	111.3	113.2	109.0	
PNL	101.3	103.1	103.5	103.4	103.7	103.5	104.2	105.1	105.5	105.8	106.6	106.9	107.2	107.6	107.2	106.6	108.3	110.6	112.4	109.0	

CONDITION = 6729 ALTITUDE = 150. FT SIDELINE

OSPL		75.7	82.7	86.2	88.8	90.2	91.8	93.3	93.9	94.3	94.8	95.1	95.5	95.9	96.1	94.6	93.7	92.9	91.7	81.1	
PNL		84.8	92.9	96.7	99.5	100.9	102.9	104.5	105.4	105.8	106.4	106.6	106.7	106.7	105.9	104.1	104.1	103.9	101.8	90.8	
PNLT		84.8	92.9	96.7	99.5	100.9	102.9	104.5	105.9	105.8	106.9	106.6	106.7	106.7	105.9	104.1	104.1	103.9	102.3	90.8	

CONDITION = 6729 ALTITUDE = 200. FT SIDELINE

OSPL		72.9	80.0	83.5	86.2	87.5	89.1	90.7	91.3	91.6	92.1	92.4	92.8	93.3	93.5	92.0	91.1	90.2	89.0	78.2	
PNL		81.3	89.7	93.7	96.6	98.1	100.1	101.8	102.6	103.0	103.5	103.8	103.9	103.9	103.1	101.3	101.2	101.0	98.7	87.2	
PNLT		81.3	89.7	93.7	96.6	98.1	100.1	101.8	103.1	103.0	104.0	103.8	103.9	103.9	103.1	101.3	101.2	101.0	99.3	87.2	

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

Point No. B(b)-18

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/06/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 7065
CORRECTED RPM = 7256

INLET TEMP = 32.00 F
TIME OF DAY = 1603
BARM. PRESSURE = 30.19 IN. HG.
WIND DIRECTION =
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	77.2	76.0	77.0	77.1	76.9	76.7	76.8	76.9	76.3	76.0	76.2	77.1	78.4	79.3	80.3	83.3	83.7	83.3	83.8	98.4	122.8
.063	78.2	77.9	78.7	78.8	77.8	77.4	77.3	77.1	76.8	77.4	76.7	77.0	79.0	80.6	81.4	85.2	85.0	84.9	84.3	97.6	123.3
.080	78.8	78.4	77.7	76.8	75.7	75.2	75.4	74.9	73.9	74.7	74.8	75.8	76.7	78.9	80.9	83.7	84.5	84.6	84.5	96.0	122.0
.100	77.9	77.9	77.9	76.6	76.7	75.2	75.9	74.9	75.0	75.4	76.8	76.9	78.7	79.9	80.9	84.1	84.8	84.1	83.1	94.6	121.8
.125	78.2	76.9	77.5	76.7	76.0	74.6	75.7	77.0	77.8	78.4	80.3	81.1	81.8	83.0	84.9	85.5	87.2	85.8	83.7	93.9	123.4
.160	77.3	77.2	76.9	76.9	76.9	76.9	77.9	78.7	79.2	80.0	81.7	82.4	84.1	85.0	87.3	89.9	90.4	87.7	86.8	92.8	125.7
.200	80.2	80.6	80.9	79.8	79.6	79.3	79.8	80.1	80.9	81.0	82.3	83.4	85.5	87.5	89.0	92.4	91.9	90.1	90.0	92.6	127.6
.250	81.6	82.4	82.6	82.4	81.4	82.7	82.7	83.4	83.0	83.7	85.2	85.9	87.1	88.8	90.6	92.0	91.7	88.8	87.8	91.6	128.2
.315	83.3	83.9	84.1	84.5	84.8	86.6	86.9	86.6	87.2	87.9	89.0	88.6	89.3	91.1	92.8	93.6	91.8	90.0	92.2	91.5	130.4
.400	85.5	84.1	86.8	86.1	85.8	86.9	86.6	87.6	87.2	87.0	87.6	88.6	89.4	91.6	93.5	92.3	89.8	89.4	92.6	92.3	130.2
.500	85.7	86.4	87.9	86.4	87.4	87.6	88.0	88.4	88.2	88.2	88.4	88.8	89.9	91.9	93.3	92.2	90.0	90.8	94.0	93.8	130.9
.630	86.0	86.6	86.6	87.3	87.3	88.0	87.9	88.2	88.0	89.5	90.1	89.8	89.9	92.1	94.1	93.7	91.3	92.3	93.7	95.1	131.6
.800	84.7	85.9	87.4	87.3	87.5	88.0	88.1	88.5	88.0	88.6	89.3	90.2	91.6	93.1	93.4	92.1	91.7	92.7	93.0	94.2	131.5
1.00	84.5	85.3	86.6	86.7	86.6	86.6	86.8	86.9	87.0	86.7	88.0	89.0	90.0	91.1	91.3	90.2	90.4	92.3	91.8	93.4	130.1
1.25	83.1	84.7	86.9	87.2	86.7	86.8	87.1	87.1	86.9	87.4	88.2	89.2	90.2	90.9	90.6	89.3	89.6	91.7	90.8	92.6	129.9
1.60	83.2	84.8	87.3	87.3	87.1	86.6	87.2	87.0	86.5	87.5	88.3	89.1	90.0	90.6	90.2	88.9	89.0	91.5	90.4	92.5	129.8
2.00	83.1	84.7	86.8	86.6	86.8	86.6	86.9	86.7	86.6	87.2	88.3	89.1	89.5	89.7	89.3	87.9	88.4	90.9	90.1	92.1	129.5
2.50	83.0	84.8	87.0	86.5	86.0	86.1	86.4	86.5	86.1	86.8	88.0	88.6	88.9	89.1	88.2	86.9	87.8	90.1	89.4	91.3	129.1
3.15	83.3	86.0	87.9	88.5	88.0	87.6	88.0	86.7	86.4	86.6	87.3	87.9	88.1	87.8	86.9	85.8	86.4	88.6	87.9	89.6	129.1
4.00	81.6	83.3	85.9	86.1	85.8	85.8	86.0	85.4	85.4	85.9	86.5	87.0	87.2	86.7	85.9	84.6	85.0	87.3	86.3	88.3	128.1
5.00	80.8	82.3	84.9	84.9	85.1	84.8	85.1	84.6	84.5	84.9	85.5	85.7	85.6	85.4	84.6	83.4	83.8	86.1	85.0	86.8	127.2
6.30	83.9	84.0	85.8	85.9	85.8	85.5	85.8	85.3	84.7	85.4	86.6	85.5	85.0	85.0	83.9	82.8	83.4	85.4	84.3	85.4	128.0
8.00	80.1	80.5	82.8	82.8	82.7	82.8	83.5	83.5	82.8	84.3	85.1	84.4	83.9	83.4	83.2	83.0	85.2	87.7	86.5	85.5	127.8
10.0	78.3	79.1	81.7	81.6	81.9	81.9	82.7	83.0	83.0	85.0	85.8	85.1	84.4	83.1	82.8	80.5	79.7	80.6	79.7	81.4	128.1
12.5	75.1	77.3	79.9	79.4	80.1	80.4	81.3	82.9	83.0	86.2	87.9	86.1	86.1	83.9	84.0	80.8	79.2	79.6	77.8	78.7	130.4
16.0	71.3	72.7	75.7	76.2	76.2	76.8	76.7	78.7	79.6	81.9	82.9	82.0	81.3	79.7	79.9	77.5	75.2	74.9	74.9	75.3	128.5
20.0	67.3	68.3	71.7	72.5	72.1	73.0	73.8	74.8	76.6	79.4	79.9	79.0	77.7	77.4	77.1	73.9	71.9	70.5	78.5	78.1	129.8
																			OAPWL =		143.0
TSPL	96.5	97.2	98.8	98.8	98.7	98.9	99.1	99.2	99.0	99.7	100.6	100.9	101.6	102.6	103.3	103.2	102.5	103.0	103.4	107.0	
OSPL	96.4	97.1	98.8	98.7	98.6	98.8	99.0	99.0	98.8	99.4	100.2	100.7	101.4	102.5	103.3	103.1	102.5	103.0	103.3	107.0	
PNLT	110.2	110.0	111.8	111.9	111.7	111.5	111.9	111.4	111.1	111.6	112.4	112.9	113.3	113.8	113.7	113.0	113.8	115.4	115.0	116.7	
PNL	109.2	110.0	111.8	111.9	111.7	111.5	111.9	111.4	111.1	111.6	112.4	112.9	113.3	113.8	113.7	113.0	113.2	114.7	114.3	116.7	

CONDITION = 7256 ALTITUDE = 150. FT SIDELINE

OSPL		80.2	88.5	92.1	94.5	96.3	97.7	98.4	98.7	99.4	100.1	100.4	100.8	101.6	102.0	100.7	98.5	96.6	93.5	91.1	
PNL		91.2	100.9	105.1	107.4	109.0	110.5	110.8	111.0	111.6	112.3	112.6	112.7	112.8	112.3	110.5	109.0	107.9	103.7	98.8	
PNLT		91.2	100.9	105.1	107.4	109.0	110.5	110.8	111.0	111.6	112.3	112.6	112.7	112.8	112.3	110.5	109.6	108.8	104.5	98.8	

CONDITION = 7256 ALTITUDE = 200. FT SIDELINE

OSPL		77.3	85.6	89.3	91.7	93.6	95.0	95.8	96.0	96.7	97.4	97.7	98.2	99.0	99.4	98.1	95.9	93.9	90.8	88.5	
PNL		87.4	97.7	102.0	104.4	106.1	107.7	108.0	108.2	108.9	109.5	109.8	109.9	110.1	109.6	107.7	106.1	105.0	100.6	95.3	
PNLT		87.4	97.7	102.0	104.4	106.1	107.7	108.0	108.2	108.9	109.5	109.8	109.9	110.1	109.6	107.7	106.8	105.8	101.2	95.3	

Point No. B(b)-19

ENGINE MODEL = -06
ENGINE NUMBER = 704741
STAND = X-306
DATE = 01/06/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 7250
CORRECTED RPM = 7461

INLET TEMP = 30.00 F
TIME OF DAY = 1618
BARM. PRESSURE = 30.19 IN. HG.
WIND DIRECTION =
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0°	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	77.0	75.9	77.5	76.7	77.8	77.1	77.1	77.1	76.8	76.7	77.2	77.7	79.3	79.4	81.3	83.3	84.3	83.6	92.8	96.6	123.7
.063	77.7	77.6	78.7	78.5	77.9	76.8	77.1	76.6	76.6	76.5	76.5	76.7	79.2	81.0	82.1	85.8	85.7	85.4	92.4	95.4	124.0
.080	79.9	78.7	78.6	77.4	76.4	75.8	75.9	75.5	74.1	74.4	75.3	76.4	77.0	79.3	81.0	84.0	84.7	85.0	90.9	93.6	122.6
.100	77.7	78.1	77.3	76.1	76.4	75.3	75.3	74.9	74.5	75.6	76.6	77.8	79.2	80.9	81.3	84.8	85.1	84.6	89.2	93.1	122.4
.125	77.9	77.3	77.5	76.6	75.9	74.7	75.7	77.6	78.1	78.7	80.5	81.4	82.2	84.3	85.5	86.6	87.7	86.1	89.3	92.3	124.1
.160	77.6	77.6	77.4	77.3	77.4	77.4	78.3	79.2	79.6	80.3	82.4	83.3	84.9	86.2	88.3	91.1	91.1	88.8	90.0	91.1	126.6
.200	80.6	81.0	81.2	80.6	79.4	79.8	79.9	80.3	81.2	81.4	82.7	84.3	86.3	88.7	89.9	93.4	92.4	90.5	91.3	94.8	128.3
.250	82.2	82.9	83.1	83.2	82.6	82.7	83.7	84.2	83.6	84.7	85.9	87.2	88.3	90.1	91.8	92.7	92.0	89.0	88.6	90.3	128.9
.315	83.6	84.4	84.3	84.7	85.3	87.3	87.2	87.2	87.8	88.3	88.6	89.2	90.2	92.2	93.8	94.2	92.0	90.2	91.7	90.8	130.9
.400	86.1	84.9	87.3	86.9	86.2	87.7	87.1	88.1	87.7	87.4	88.2	89.1	90.2	92.5	94.2	92.9	90.1	89.4	91.5	91.8	130.7
.500	85.8	86.9	88.4	86.9	87.8	88.3	88.2	88.7	88.7	88.7	88.9	89.5	90.7	92.9	94.2	91.0	90.4	90.3	92.7	93.3	131.3
.630	86.5	86.6	87.3	87.5	87.4	87.9	87.7	88.6	87.9	89.4	89.6	89.8	90.8	93.3	94.6	93.6	91.5	92.1	92.8	94.9	131.7
.800	85.3	86.4	87.7	87.5	88.2	88.8	88.9	89.5	89.0	89.3	89.8	90.8	92.0	93.7	94.4	92.5	92.3	92.8	91.5	94.0	132.0
1.00	85.9	86.3	87.3	87.3	87.1	87.2	87.2	87.6	87.6	87.5	88.6	89.9	90.9	92.1	92.3	90.9	91.1	92.6	90.9	93.3	130.7
1.25	84.1	85.9	87.5	88.0	87.7	87.6	88.0	87.8	87.6	88.2	89.0	90.0	91.0	91.9	91.7	90.1	90.1	91.9	90.0	92.5	130.6
1.60	84.0	85.7	87.9	87.8	87.6	87.6	88.1	87.9	87.6	88.3	89.2	90.2	91.2	91.6	91.2	89.7	89.5	91.8	89.5	92.6	130.6
2.00	83.8	84.7	87.3	87.3	87.5	87.4	87.6	87.7	87.3	87.9	89.1	90.0	90.6	90.6	90.3	88.9	88.9	91.0	89.2	92.1	130.2
2.50	83.6	86.0	87.5	87.4	86.6	86.9	87.2	87.4	87.1	87.6	88.8	89.7	90.2	90.2	89.5	87.9	88.3	90.5	88.8	91.5	129.9
3.15	84.5	86.3	87.6	88.0	87.6	87.5	87.1	87.2	86.9	87.4	88.2	89.0	89.4	88.9	88.2	86.8	87.6	88.9	87.2	89.9	129.5
4.00	81.5	84.4	86.3	87.0	86.5	86.7	86.7	86.5	86.3	86.7	87.5	88.3	88.5	87.8	87.1	85.5	85.6	87.5	85.8	88.4	128.9
5.00	80.1	82.6	85.2	85.8	85.6	85.7	85.9	85.7	85.3	85.9	86.7	86.9	87.0	86.4	85.8	84.3	84.3	86.2	84.3	87.0	128.1
6.30	81.6	82.9	84.5	85.1	85.1	85.3	85.7	85.7	85.1	86.1	87.5	86.5	86.3	85.8	85.6	83.6	83.7	85.6	83.5	85.6	128.3
8.00	78.6	81.6	82.3	83.0	83.0	83.5	84.2	84.3	84.0	85.5	86.1	86.7	86.3	84.4	84.2	83.7	85.6	87.4	85.5	85.5	128.4
10.0	76.2	78.1	81.0	81.6	81.8	82.3	82.9	83.8	83.6	85.6	87.0	86.1	85.9	84.0	84.0	81.5	80.7	81.4	79.5	81.8	128.8
12.5	72.7	75.9	79.2	79.3	80.3	80.8	81.9	83.5	84.1	87.5	88.8	86.9	88.2	85.0	84.2	81.6	79.6	80.4	77.5	79.1	131.3
16.0	69.0	71.2	75.1	76.3	76.4	77.3	77.5	79.7	80.6	83.0	83.9	83.0	82.7	81.0	80.6	78.0	76.5	75.7	74.8	75.4	129.4
20.0	65.2	67.3	71.3	72.7	72.6	73.6	74.4	75.9	77.7	80.4	80.9	80.1	79.3	78.5	78.4	75.0	72.7	71.5	78.5	78.1	130.8
																				DAPWL =	143.7
TSPL	96.6	97.7	99.1	99.1	99.1	99.5	99.6	99.9	99.7	100.4	101.2	101.8	102.6	103.6	104.3	103.8	103.0	103.2	103.9	106.0	
OSPL	96.6	97.7	99.1	99.1	99.0	99.4	99.4	99.7	99.5	100.0	100.8	101.5	102.3	103.5	104.2	103.8	103.0	103.2	103.8	106.0	
PNLT	108.8	110.4	111.8	112.0	111.8	111.9	111.8	112.0	111.8	112.3	113.2	113.9	114.5	114.8	114.8	113.8	114.3	115.6	114.9	116.5	
PNL	108.8	110.4	111.8	112.0	111.8	111.9	111.8	112.0	111.8	112.3	113.2	113.9	114.5	114.8	114.8	113.8	113.7	114.9	114.2	116.5	

CONDITION = 7461 ALTITUDE = 150. FT SIDELINE

OSPL		83.8	88.9	92.5	94.9	96.9	98.1	99.1	99.3	100.2	100.7	101.2	101.8	102.4	102.9	101.4	99.0	96.8	94.1	90.6	
PNL		91.7	100.9	105.1	107.5	109.3	110.5	111.4	111.6	112.3	113.1	113.5	113.9	113.9	113.4	111.3	109.5	108.2	107.7	98.5	
PNLT		91.7	100.9	105.1	107.5	109.3	110.5	111.4	111.6	112.3	113.1	113.5	113.9	113.9	113.4	111.3	110.1	108.9	108.4	98.5	

CONDITION = 7461 ALTITUDE = 200. FT SIDELINE

OSPL		77.6	86.0	89.7	92.1	94.2	95.4	96.4	96.6	97.3	98.0	98.5	99.1	100.0	100.3	98.8	96.3	94.1	91.5	87.2	
PNL		87.9	97.7	102.1	104.5	106.5	107.7	108.6	108.6	109.6	110.3	110.8	111.1	111.1	110.7	108.5	106.6	105.3	104.6	95.0	
PNLT		87.9	97.7	102.1	104.5	106.5	107.7	108.6	108.8	109.6	110.3	110.8	111.1	111.1	110.7	108.5	107.2	106.0	104.1	95.0	

Point No. B(b)-20

ENGINE MODEL = -0F
ENGINE NUMBER = 704741
STAND = X-300
DATE = 01/06/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 7500
CORRECTED RPM = 7726

INLET TEMP = 29.00 F
TIME OF DAY = 1631
BARM. PRESSURE = 30.19 IN. HG.
WIND DIRECTION =
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	78.1	76.7	78.2	78.6	78.1	77.0	77.7	77.7	77.5	77.1	77.8	78.6	80.0	80.5	81.9	84.3	85.1	84.4	92.9	92.1	123.5
.063	77.7	78.1	78.9	79.3	78.5	77.5	77.4	77.6	77.3	77.2	77.4	77.8	80.4	82.3	83.2	86.7	86.6	85.8	92.6	90.9	124.1
.080	79.0	79.1	78.4	77.7	77.0	76.2	76.0	76.0	74.7	75.4	76.0	77.6	78.6	80.6	83.0	85.3	86.1	85.5	91.9	90.0	123.2
.100	78.6	78.4	78.1	76.7	76.8	76.0	75.7	75.7	75.2	76.2	77.7	78.3	80.3	81.7	82.7	86.1	86.4	85.3	89.8	89.4	122.9
.125	77.9	77.5	77.7	77.2	76.0	75.4	76.6	78.2	78.4	79.1	81.0	81.9	83.4	84.9	86.2	87.3	86.4	86.6	88.9	88.4	124.4
.160	77.6	78.1	77.6	77.8	77.8	76.0	76.8	79.8	80.2	81.1	83.0	84.1	85.8	86.9	89.3	91.8	91.8	89.1	90.3	87.1	127.2
.200	80.7	80.9	81.9	81.1	80.7	81.4	80.6	80.9	81.7	82.0	82.8	85.2	87.4	89.3	91.3	94.6	93.7	90.8	91.0	87.4	129.2
.250	82.2	83.0	83.6	83.1	82.6	83.2	84.0	84.3	84.1	85.3	86.6	87.4	89.2	90.6	92.3	94.2	93.1	90.0	88.7	86.8	129.7
.315	83.9	84.7	84.8	85.0	85.6	87.5	87.6	87.5	88.0	88.8	89.4	90.1	91.3	92.9	94.5	94.8	93.2	91.2	91.4	88.2	131.5
.400	86.3	86.9	87.9	87.3	86.6	87.9	87.6	88.8	88.4	88.4	89.2	90.0	91.7	93.4	95.2	94.0	91.7	90.5	91.5	89.9	131.6
.500	86.8	87.3	88.8	87.5	86.4	88.6	88.8	89.3	89.4	89.1	89.8	90.6	92.3	93.9	95.4	93.6	91.4	91.1	92.1	90.7	132.0
.630	86.3	87.2	87.6	87.9	88.1	88.6	88.2	88.5	88.4	89.6	90.0	90.4	91.8	94.0	95.7	94.0	92.5	92.4	91.8	92.2	132.2
.800	85.6	86.6	87.6	87.6	86.6	88.6	88.5	89.3	89.3	89.7	90.6	91.7	93.2	94.5	95.2	93.2	92.9	92.8	91.1	90.9	132.4
1.00	86.5	86.7	88.1	88.4	87.8	88.0	86.2	86.5	88.5	88.3	89.6	90.7	92.1	92.8	93.4	92.1	92.2	92.6	90.3	90.6	131.5
1.25	84.5	86.2	86.5	86.6	86.5	88.3	88.6	88.6	88.5	89.1	89.7	91.0	92.3	92.7	92.5	91.3	91.3	92.0	89.4	89.8	131.3
1.60	84.4	86.3	86.7	88.4	86.6	88.2	88.8	88.5	89.2	89.3	90.1	91.0	92.2	92.3	92.3	90.5	90.7	91.7	88.9	90.1	131.3
2.00	84.2	86.4	88.5	88.2	88.4	88.2	88.6	88.2	88.1	88.9	90.0	90.9	91.6	91.4	91.2	89.6	90.1	91.1	88.6	89.4	130.9
2.50	83.5	86.1	88.5	88.1	87.7	87.7	88.3	88.8	87.9	88.4	89.8	90.4	91.1	90.9	90.4	88.6	89.4	90.5	87.9	88.5	130.6
3.15	82.3	85.5	88.3	86.1	87.9	87.6	86.6	87.5	87.5	88.2	89.1	89.7	90.2	89.4	89.0	87.3	88.1	89.3	86.6	87.3	130.1
4.00	81.5	84.6	87.5	87.8	87.6	87.6	88.1	87.3	87.4	87.7	88.8	89.0	89.4	88.4	87.9	86.2	86.9	87.8	85.0	85.8	129.8
5.00	79.6	82.5	86.1	86.4	86.6	86.5	87.3	86.5	86.6	86.8	87.5	87.6	87.7	86.9	86.5	84.9	85.3	86.4	83.4	84.3	128.8
6.30	77.9	81.2	84.8	85.3	85.5	85.7	86.9	86.2	86.1	87.0	87.9	87.1	86.9	86.2	85.6	84.1	84.7	85.7	82.7	83.1	128.9
8.00	76.1	78.9	83.7	83.4	83.5	84.2	85.2	84.9	84.8	86.0	87.1	86.3	86.0	84.9	85.0	84.1	85.5	87.0	83.8	82.7	128.9
10.0	73.6	76.8	81.3	81.9	82.4	83.1	84.1	84.4	84.6	86.6	87.2	86.5	86.0	84.4	84.5	82.1	81.8	82.2	78.8	79.4	129.4
12.5	70.5	75.1	79.7	79.8	80.8	82.0	83.0	84.2	85.1	88.4	88.9	87.2	87.3	84.7	84.1	81.6	80.3	80.7	76.3	76.5	131.7
16.0	67.0	70.9	75.8	76.9	76.9	78.6	78.9	80.7	81.6	84.1	84.6	83.7	82.9	81.3	81.0	78.0	76.5	76.4	4.4	4.7	130.2
20.0	63.8	66.9	72.0	73.6	73.1	75.1	75.7	77.1	76.9	81.9	81.8	81.1	79.6	79.0	78.8	75.4	73.6	72.4	8.0	7.6	131.6
																			DAPHL =		144.3
TSPL	96.6	97.9	99.6	99.7	99.8	100.0	100.3	100.4	100.4	101.1	102.0	102.5	103.6	104.3	105.2	104.7	104.1	103.5	103.6	102.8	
OSPL	96.6	97.6	99.7	99.6	99.7	99.8	100.2	100.2	100.2	100.8	101.7	102.3	103.4	104.2	105.1	104.6	104.0	103.5	103.6	102.8	
PNLT	107.9	110.1	112.5	112.4	112.3	112.3	112.8	112.5	112.5	113.1	114.1	114.6	115.4	115.5	115.7	114.6	114.8	115.6	114.1	113.6	
PNL	107.9	110.1	112.5	112.4	112.3	112.3	112.8	112.5	112.5	113.1	114.1	114.6	115.4	115.5	115.7	114.6	114.8	115.1	113.6	113.6	

CONDITION = 7726 ALTITUDE = 150. FT SIDELINE

OSPL		81.1	89.5	93.1	95.5	97.4	98.9	99.6	100.0	100.8	101.5	102.0	102.9	103.3	103.8	102.3	100.0	97.1	93.9	86.7	
PNL		91.6	101.6	105.5	106.3	109.7	111.4	111.9	112.3	113.1	113.9	114.3	114.8	114.6	114.3	112.1	110.5	108.4	103.1	95.4	
PNLT		91.6	101.6	105.5	106.3	109.7	111.4	111.9	112.3	113.1	113.9	114.3	114.8	114.6	114.3	112.1	110.5	109.0	103.1	95.4	

CONDITION = 7726 ALTITUDE = 200. FT SIDELINE

OSPL		78.1	86.7	90.3	92.8	94.6	96.1	96.9	97.2	98.0	98.8	99.2	100.2	100.7	101.2	99.7	97.4	94.5	91.3	83.9	
PNL		88.6	98.4	102.5	103.1	106.9	108.5	108.1	109.5	110.2	111.1	111.5	112.0	111.8	111.6	109.3	107.7	105.5	100.0	91.9	
PNLT		88.6	98.4	102.5	103.1	106.9	108.5	108.1	109.5	110.2	111.1	111.5	112.0	111.8	111.6	109.3	107.7	105.5	100.0	91.9	

Point No. B(b)-21

ENGINE MODEL = -0?
ENGINE NUMBER = 764741

STAND = X-308
DATE = 01/06/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7350
CORRECTED RPM = 7572

INLET TEMP = 29.00 F
TIME OF DAY = 1641
BARM. PRESSURE = 30.19 IN. HG.
WIND DIRECTION =
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40 - 50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	77.4	76.9	77.8	78.6	78.0	78.2	77.2	77.9	77.1	77.1	77.3	78.6	78.9	79.9	80.9	83.7	84.2	84.2	94.0	93.9	123.9
.063	77.3	79.1	78.9	79.6	78.2	78.5	76.7	77.8	76.6	78.0	76.7	78.2	79.6	81.7	82.3	85.9	85.8	85.5	93.1	93.1	124.1
.080	79.1	80.1	78.7	79.1	76.5	77.9	75.9	77.8	74.0	77.9	75.4	79.0	77.5	81.3	81.5	85.3	84.4	85.5	91.7	91.5	123.1
.100	77.7	79.6	77.4	78.4	76.5	78.5	75.6	78.6	75.2	79.2	77.0	80.2	79.8	82.5	82.0	85.9	85.0	85.1	89.8	91.0	123.0
.125	78.0	78.6	77.2	78.5	75.9	77.5	76.1	79.4	78.3	80.3	80.7	82.5	82.6	84.9	86.0	87.4	88.7	86.5	89.6	90.2	124.6
.160	77.9	79.4	78.0	79.1	77.7	79.2	78.7	80.7	81.0	82.0	82.8	84.5	85.5	87.3	89.0	92.0	91.2	89.4	89.9	89.1	127.2
.200	81.0	82.0	81.7	82.0	80.6	81.2	80.3	81.9	81.5	82.8	83.4	85.2	87.0	89.3	90.8	94.1	92.6	90.7	90.9	89.2	128.8
.250	87.3	83.4	83.3	83.8	82.7	84.1	84.2	84.6	84.1	85.2	86.3	87.4	88.7	90.4	92.5	93.7	92.3	89.7	88.5	89.0	129.4
.315	83.9	84.9	84.7	85.6	85.7	87.7	87.6	87.6	87.8	88.9	89.1	89.6	90.6	92.5	94.4	95.0	92.9	91.0	91.7	90.7	131.5
.400	86.2	86.3	87.7	87.5	86.9	87.9	87.4	88.9	87.9	88.1	88.8	89.6	90.9	93.0	94.8	93.8	91.0	90.1	91.8	92.1	131.3
.500	85.9	87.3	88.6	87.2	88.0	88.5	88.6	89.0	89.1	88.9	89.4	90.3	91.4	93.5	94.8	93.6	91.7	90.8	92.9	93.4	131.8
.630	86.5	86.9	87.4	87.8	87.5	88.2	88.2	88.5	88.4	89.5	90.0	90.2	91.4	93.6	95.3	94.5	93.1	92.1	92.8	95.0	132.2
.800	85.4	86.5	87.8	88.1	88.7	89.0	89.2	89.3	89.5	89.4	90.5	91.4	92.7	94.4	95.0	93.3	93.8	92.2	91.7	94.3	132.5
1.00	86.6	86.7	87.7	88.0	87.6	87.7	87.6	88.1	88.2	87.9	89.2	90.3	91.6	92.8	93.1	92.0	92.7	92.2	91.6	93.5	131.3
1.25	84.6	86.1	87.9	88.5	87.9	88.1	88.4	88.1	88.4	88.7	89.5	90.6	91.7	92.5	92.2	91.2	91.4	91.6	90.0	92.3	131.1
1.60	84.2	86.1	88.0	88.3	88.1	88.1	88.6	88.1	88.4	88.7	89.7	90.7	91.7	92.3	91.9	90.7	90.7	91.4	89.5	92.6	131.1
2.00	83.8	86.6	87.7	87.9	86.0	87.9	88.1	87.8	87.9	88.3	89.6	90.4	91.1	91.2	90.9	89.7	89.8	90.6	89.4	92.0	130.6
2.50	83.7	82.1	87.9	87.6	87.4	87.6	87.8	87.6	87.7	87.8	89.6	90.2	90.5	90.8	90.2	88.8	89.0	90.0	89.2	91.6	130.4
3.15	82.0	85.5	87.7	88.2	88.0	87.5	87.6	87.4	87.3	87.6	88.8	89.6	89.9	89.4	88.8	87.5	87.6	88.4	87.7	90.1	129.9
4.00	81.3	84.8	86.7	87.7	87.2	87.5	87.6	86.9	87.1	87.0	88.2	88.7	89.0	88.4	87.7	86.4	86.2	87.2	86.1	88.7	129.5
5.00	79.8	82.7	85.3	86.3	86.2	86.3	86.7	86.1	86.2	86.2	87.2	87.3	87.3	87.1	86.3	85.1	84.9	85.7	84.7	87.2	128.6
6.30	79.1	81.9	84.1	85.2	85.2	85.6	86.4	86.0	85.8	86.4	87.9	87.0	86.7	86.3	85.7	84.3	84.1	85.0	83.8	85.8	128.7
8.00	77.0	79.5	82.4	83.4	83.3	84.0	85.0	84.7	84.3	85.5	86.8	86.2	85.7	85.0	85.2	84.3	85.0	86.0	85.6	85.5	128.7
10.0	74.5	77.4	80.8	82.0	82.2	82.6	83.7	84.2	84.3	86.2	87.5	86.5	85.8	84.6	84.4	82.0	81.7	81.2	79.7	81.8	129.2
12.5	71.5	75.6	79.3	79.8	80.6	81.5	82.5	84.0	84.4	87.3	89.9	88.4	87.2	85.4	84.6	81.9	81.7	80.4	77.4	78.9	131.7
16.0	68.0	71.2	75.5	76.1	76.9	78.2	78.5	80.5	81.4	83.5	84.6	83.7	82.8	81.7	81.2	78.4	77.2	75.8	4.4	74.8	130.0
20.0	64.7	67.0	71.7	73.3	73.2	74.7	75.2	76.7	78.6	80.9	81.5	80.9	79.5	79.3	78.9	75.5	74.4	71.7	8.0	7.6	131.2
																			CAPWL =		144.1
TSPL	96.6	98.0	99.4	99.7	99.5	99.9	100.1	100.2	100.2	100.8	101.8	102.3	103.1	104.1	104.9	104.7	103.9	103.2	104.2	105.3	
OSPL	96.6	97.9	99.3	99.6	99.4	99.8	99.9	100.1	100.0	100.4	101.4	102.1	102.9	104.1	104.8	104.6	103.8	103.1	104.1	105.2	
PNLT	108.1	110.2	111.9	112.4	112.2	112.2	112.4	112.4	112.2	112.7	113.8	114.5	114.9	115.4	115.4	114.7	114.4	115.3	115.1	116.3	
PNL	108.1	110.2	111.9	112.4	112.2	112.3	112.4	112.4	112.2	112.7	113.8	114.5	114.9	115.4	115.4	114.7	114.4	114.7	114.5	116.3	

CONDITION = 7572 ALTITUDE = 150. FT SIDELINE

OSPL		81.2	89.1	93.1	95.2	97.3	98.6	99.5	99.8	100.4	101.3	101.7	102.3	103.2	103.5	102.2	99.8	96.8	94.4	89.3
PNL		91.8	101.1	105.6	107.9	109.7	111.0	111.6	112.1	112.7	113.6	114.1	114.4	114.5	114.1	112.2	110.2	108.1	104.0	98.2
PNLT		91.8	101.1	105.6	107.9	109.7	111.0	111.8	112.1	112.7	113.6	114.1	114.4	114.5	114.1	112.2	110.2	108.6	104.7	98.2

CONDITION = 7572 ALTITUDE = 200. FT SIDELINE

OSPL		76.2	86.2	90.3	92.5	94.6	95.9	96.8	97.1	97.8	98.5	99.1	99.7	100.5	100.9	99.6	97.2	94.1	91.8	86.3
PNL		86.2	97.9	102.6	104.9	106.9	108.2	109.0	109.3	110.0	110.9	111.3	111.6	111.7	111.3	109.4	107.4	105.0	100.9	94.7
PNLT		86.2	97.9	102.6	104.9	106.9	108.2	109.6	109.3	110.0	110.9	111.3	111.6	111.7	111.3	109.4	107.4	105.7	101.4	94.7

Point No. B(b)-22

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-306
DATE = 01/06/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7490
CORRECTED RPM = 7716

INLET TEMP = 29.00 F
TIME OF DAY = 1701
BARH. PRESSURE = 30.19 IN. HG.
WIND DIRECTION =
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	77.5	77.3	77.9	78.1	77.9	78.1	77.2	77.0	77.4	77.0	77.5	78.5	79.5	80.5	81.5	84.0	84.3	85.7	87.6	96.3	123.0
.063	77.8	78.5	78.9	78.9	78.9	77.5	76.9	77.0	77.2	77.2	77.3	77.6	79.8	81.9	82.6	86.3	86.1	86.9	87.3	94.8	123.3
.080	79.5	79.2	78.5	77.6	76.5	76.2	76.1	75.8	74.9	75.0	75.8	77.0	78.0	80.0	81.9	84.5	84.5	84.2	86.7	92.9	121.9
.100	78.0	78.3	77.6	76.4	76.5	76.1	75.8	75.3	75.4	76.0	77.1	78.1	79.8	81.5	82.1	85.4	84.0	82.6	85.0	92.2	121.7
.125	77.8	77.5	77.2	76.5	75.5	75.0	76.5	77.8	78.3	78.7	80.7	81.6	83.0	84.9	87.6	88.1	87.5	84.3	86.1	91.5	124.1
.160	78.6	78.6	78.4	78.2	78.1	78.2	79.0	79.8	79.9	81.0	83.1	84.0	85.5	87.0	90.0	93.2	90.2	86.8	88.5	90.5	127.2
.200	81.6	82.3	82.0	81.4	80.9	80.3	80.7	80.8	81.6	81.9	83.4	84.9	87.2	89.5	91.8	95.6	89.7	87.2	90.4	90.7	128.9
.250	82.9	82.9	84.0	83.9	83.2	84.8	84.9	84.6	84.3	85.1	86.6	87.2	88.8	90.3	93.1	95.5	89.0	85.9	88.6	90.1	129.6
.315	84.8	85.4	85.4	85.8	85.9	87.7	87.8	87.6	87.7	88.7	89.3	89.7	90.8	92.6	94.9	96.6	89.1	88.1	91.6	90.3	131.6
.400	86.6	85.8	88.2	88.1	87.4	87.9	87.4	88.4	87.9	87.9	89.0	89.7	91.0	92.9	95.3	95.9	87.2	87.7	92.6	91.3	131.6
.500	86.5	87.5	89.0	87.3	86.0	86.3	88.8	89.9	89.6	88.7	89.5	90.0	91.4	93.3	95.3	95.0	88.1	88.8	93.4	92.1	131.8
.630	86.7	86.8	87.6	87.5	87.4	87.6	88.1	88.6	88.5	89.5	90.1	90.1	91.5	93.3	95.5	95.1	89.5	90.6	93.7	93.6	132.0
.800	86.2	87.2	86.9	86.6	89.1	88.7	89.3	89.6	89.5	89.6	90.5	91.3	92.7	94.2	95.2	94.2	89.7	91.1	92.6	92.8	132.3
1.00	86.7	87.4	86.9	87.9	87.6	87.2	88.2	87.8	88.0	87.9	89.3	90.3	91.6	92.6	93.2	93.0	88.9	90.7	92.0	92.4	131.1
1.25	85.9	86.9	86.8	86.6	87.8	87.8	88.2	88.1	88.2	88.7	89.6	90.6	91.6	92.5	92.5	92.0	88.6	90.0	91.1	91.4	131.0
1.60	84.7	86.9	86.9	85.4	86.4	86.3	88.7	88.4	88.0	88.7	89.7	90.7	91.7	92.1	92.1	91.5	88.3	89.8	90.8	91.4	131.0
2.00	84.4	87.1	86.6	85.	86.1	87.9	88.3	88.2	87.8	88.4	89.7	90.5	91.1	91.4	91.2	90.6	87.9	89.2	90.8	90.8	130.7
2.50	84.6	84.6	88.5	87.8	87.6	87.5	88.1	87.8	87.5	88.1	89.4	90.1	90.4	90.6	90.1	89.5	87.0	88.5	90.1	89.9	130.3
3.15	82.8	86.2	88.3	86.5	87.9	87.5	87.7	87.3	87.1	87.9	88.7	89.5	89.6	89.2	88.9	88.4	85.8	86.9	89.1	88.4	129.8
4.00	81.6	85.5	87.6	87.7	87.4	87.3	87.9	87.0	86.8	87.3	88.0	88.7	88.7	88.3	87.8	87.2	84.4	85.4	87.5	87.1	129.5
5.00	81.0	83.6	86.3	86.3	86.2	86.3	87.4	86.2	86.1	86.4	87.1	87.4	87.1	86.9	86.4	85.8	83.0	83.9	86.0	85.4	128.6
6.30	78.4	82.3	84.9	85.2	85.3	85.4	86.7	86.0	85.7	86.7	87.4	87.0	86.4	86.2	85.5	84.9	82.2	83.2	85.2	83.9	128.6
8.00	76.3	79.9	83.1	83.2	83.4	84.0	84.7	84.7	84.4	85.6	86.5	86.1	85.4	84.8	84.9	84.4	83.3	84.6	86.3	83.3	128.5
10.0	74.2	78.1	81.7	81.9	82.4	82.6	83.9	84.2	84.3	86.2	86.8	86.4	85.5	84.4	84.5	82.9	79.4	79.1	81.1	79.7	129.1
12.5	71.4	76.6	80.3	80.0	81.2	81.5	83.2	84.2	84.5	87.4	88.8	87.3	86.9	84.5	84.3	82.5	78.1	76.9	78.3	76.7	131.4
16.0	68.1	72.2	76.3	77.1	77.3	78.3	79.0	80.7	81.4	84.2	84.2	83.7	82.7	81.5	81.3	79.2	74.1	72.7	74.3	4.5	130.1
20.0	64.5	68.4	72.5	73.5	73.4	74.9	75.4	77.0	78.6	81.6	81.4	81.1	79.4	79.1	79.0	76.5	71.1	68.7	7.6	7.2	131.4
																			OAPWL =		144.1
TSPL	97.0	98.5	100.0	99.7	99.6	99.7	100.2	100.2	100.1	100.8	101.7	102.2	103.0	104.0	105.3	105.8	101.2	101.4	103.7	105.1	
OSPL	97.0	98.4	99.9	99.6	99.5	99.6	100.1	100.0	99.9	100.4	101.4	102.0	102.9	103.9	105.2	105.8	101.1	101.3	103.7	105.1	
PNLT	111.3	110.6	112.6	112.3	112.2	112.1	112.6	112.3	112.1	112.8	113.7	114.3	114.8	115.3	115.6	115.6	112.1	113.5	115.5	115.2	
PNL	111.3	110.8	112.6	111.3	112.2	112.1	112.6	112.3	112.1	112.8	113.7	114.3	114.8	115.3	115.6	115.6	112.1	112.9	115.0	115.2	

CONDITION = 7716 ALTITUDE = 150. FT SIDELINE

OSPL	81.6	89.7	93.1	95.4	97.1	98.8	99.4	99.8	100.4	101.2	101.7	102.3	103.0	103.9	103.4	97.1	95.0	93.8	89.2	
PNL	92.2	101.8	105.5	107.9	109.5	111.2	111.7	112.0	112.8	113.6	114.0	114.2	114.3	114.2	113.1	107.9	106.2	104.4	97.2	
PNLT	92.2	101.8	105.5	107.9	109.5	111.2	111.7	112.0	112.8	113.6	114.0	114.2	114.3	114.2	113.1	107.9	106.8	104.4	97.2	

CONDITION = 7716 ALTITUDE = 200. FT SIDELINE

OSPL	78.7	86.4	90.3	92.6	94.4	96.0	96.7	97.1	97.7	98.5	99.0	99.6	100.4	101.3	100.8	94.5	92.3	91.1	86.5	
PNL	88.6	98.5	102.5	104.0	105.7	108.3	108.9	109.2	110.0	110.8	111.2	111.4	111.6	111.5	110.3	105.1	103.3	101.3	93.7	
PNLT	88.6	98.5	102.5	104.0	105.7	108.3	108.9	109.2	110.0	110.8	111.2	111.4	111.6	111.5	110.3	105.1	103.3	101.3	93.7	

Point No. B(b)-23

ENGINE MODEL = -66
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/06/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7600
CORRECTED RPM = 7837

INLET TEMP = 28.00 F
TIME OF DAY = 1711
BARM. PRESSURE = 30.19 IN. HG.
WIND DIRECTION =
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	78.0	76.7	78.5	78.3	78.1	77.9	77.8	78.0	77.6	77.4	77.2	78.6	79.6	80.7	81.6	84.2	85.2	90.6	99.2	94.2	127.2
.063	78.0	78.8	78.7	79.2	78.1	77.8	77.5	77.2	76.9	77.1	77.5	78.0	80.7	82.0	83.4	86.8	86.7	90.1	97.8	93.3	126.6
.080	79.4	79.2	78.0	78.1	76.9	76.5	76.7	76.3	74.6	75.1	76.0	77.5	78.7	80.4	82.9	84.8	86.1	89.0	96.6	92.0	125.4
.100	78.4	78.3	78.1	76.8	76.8	76.6	76.3	76.0	75.3	76.4	77.5	79.0	80.8	82.3	82.9	86.0	86.3	87.8	95.5	91.4	125.0
.125	78.2	77.7	77.9	76.8	76.0	75.4	76.6	78.4	78.8	79.4	81.2	82.6	83.9	86.9	86.8	88.3	89.5	88.1	94.4	89.8	126.0
.160	76.0	78.5	78.0	76.0	77.9	78.3	79.2	80.1	80.5	81.5	83.4	84.7	86.8	88.0	90.3	93.3	92.7	89.1	93.6	88.9	128.4
.200	81.0	82.0	82.0	81.4	80.9	80.6	80.7	81.2	82.2	82.5	84.1	85.5	88.2	90.4	92.1	95.2	93.9	89.4	93.5	89.3	129.8
.250	82.6	83.7	83.6	83.7	83.0	84.6	84.4	85.8	86.4	85.6	86.9	88.4	89.7	91.4	93.4	94.7	93.6	87.9	91.5	88.8	130.3
.315	84.2	85.2	85.0	85.7	86.1	88.1	88.2	88.2	88.4	89.4	89.9	90.4	91.6	93.7	95.5	96.0	93.6	89.4	91.9	91.0	132.2
.400	87.0	85.5	88.1	87.9	87.2	88.3	88.2	89.2	88.8	88.7	89.7	90.3	91.8	94.1	96.1	94.5	91.6	88.4	92.5	92.2	132.0
.500	86.4	87.6	89.0	87.5	88.5	89.1	89.1	89.5	89.7	89.4	90.0	91.2	92.7	94.6	96.2	94.2	91.6	89.3	93.0	93.1	132.4
.630	86.8	87.3	88.0	88.2	88.3	88.7	88.3	88.8	88.7	90.0	90.4	91.3	92.3	94.6	96.2	94.6	92.5	90.7	93.0	94.6	132.6
.800	85.9	87.1	88.2	88.5	89.2	89.2	89.4	89.9	89.7	90.4	91.1	92.5	93.8	95.2	96.0	94.2	93.3	91.0	91.9	94.0	133.0
1.00	86.9	87.2	88.6	88.8	88.4	87.9	88.4	88.9	88.7	88.9	89.9	91.5	92.5	93.7	94.2	92.9	92.7	90.8	91.1	93.3	131.9
1.25	85.1	86.6	89.1	89.2	88.9	88.6	88.8	89.0	88.8	89.7	90.3	91.8	92.8	93.4	93.4	91.9	91.8	90.0	90.4	92.6	131.8
1.60	84.9	86.7	89.1	89.6	88.7	88.5	89.0	88.8	88.7	89.7	90.4	91.7	92.6	92.9	92.8	91.3	91.1	89.5	89.9	92.7	131.6
2.00	84.8	87.1	89.3	88.6	88.8	88.6	88.7	88.8	88.6	89.3	90.5	91.7	92.0	92.0	92.1	90.5	90.4	89.0	89.6	92.3	131.4
2.50	84.0	86.8	89.2	88.7	88.3	88.2	88.5	88.6	88.2	88.9	90.3	91.4	91.5	91.5	91.3	89.6	89.8	88.5	89.1	91.3	131.1
3.15	83.6	86.3	89.1	88.9	88.5	88.3	88.2	88.2	88.0	88.7	89.7	90.7	90.7	90.1	89.9	88.5	88.6	87.2	87.9	90.0	130.6
4.00	81.9	85.4	88.2	88.4	88.1	88.1	88.3	88.0	87.9	88.2	88.9	89.9	89.7	89.0	88.7	87.4	87.1	85.8	86.3	88.4	130.3
5.00	80.1	83.5	87.0	87.2	87.1	87.1	87.6	87.2	86.9	87.5	88.1	88.7	88.3	87.8	87.4	86.0	85.6	84.5	84.8	86.8	129.4
6.30	78.4	82.1	85.3	86.1	86.6	86.4	87.2	87.0	86.6	87.5	88.3	87.9	87.6	86.9	86.6	85.2	85.2	83.8	84.3	85.3	129.5
8.00	76.4	79.6	83.3	83.9	84.0	84.7	85.4	85.8	85.2	86.5	87.7	87.2	86.7	86.0	86.3	85.2	86.3	84.7	85.2	84.4	129.4
10.0	74.2	77.7	82.0	82.5	83.0	83.7	84.5	85.6	85.1	87.2	88.0	87.6	86.9	85.9	86.3	83.9	83.4	80.4	81.3	81.3	130.3
12.5	72.9	76.0	80.3	80.5	81.3	82.0	83.2	85.1	85.5	89.0	89.5	88.4	87.5	86.1	86.2	82.7	81.2	78.1	78.5	77.9	132.4
16.0	67.4	71.5	76.4	77.3	77.6	78.9	79.3	81.3	82.3	85.0	85.6	85.0	83.6	82.8	82.5	79.4	77.5	74.2	75.0	4.5	131.1
20.0	64.0	67.4	72.4	73.9	73.7	75.4	75.5	77.9	79.4	82.8	83.2	82.8	80.6	80.7	80.3	76.9	74.7	70.9	7.7	7.3	132.6
																			DAPHL =		145.0
TSPL	97.1	98.4	100.3	1 .2	100.2	1 .4	100.6	100.9	100.8	101.6	102.5	103.3	104.0	105.0	106.0	105.5	104.4	102.5	106.7	105.2	
OSPL	97.0	98.4	100.2	100.1	100.1	100.3	100.5	100.7	100.5	101.2	102.1	103.1	103.9	104.9	105.9	105.4	104.4	102.5	106.7	105.2	
PNLT	108.4	110.8	113.1	113.0	112.8	112.8	113.0	113.1	112.9	113.6	114.6	115.5	115.9	116.2	116.5	115.5	115.2	113.5	115.3	116.1	
PNL	108.4	110.8	113.1	113.0	112.8	112.8	113.0	113.1	112.9	113.6	114.6	115.5	115.9	116.2	116.5	115.5	115.2	113.5	115.3	116.1	

CONDITION = 7837 ALTITUDE = 150. FT SIDELINE

OSPL		81.6	90.7	93.6	95.9	97.8	99.1	100.1	100.4	101.2	101.9	102.8	103.3	104.1	104.7	103.0	100.4	96.2	97.2	89.0	
PNL		92.3	102.3	106.2	108.5	110.3	111.6	112.5	112.7	113.6	114.4	115.1	115.3	115.3	115.2	113.0	110.9	106.9	104.9	98.0	
PNLT		92.3	102.3	106.2	108.5	110.3	111.6	112.5	112.7	113.6	114.4	115.1	115.3	115.3	115.2	113.0	110.9	106.9	104.9	98.0	

CONDITION = 7837 ALTITUDE = 200. FT SIDELINE

OSPL		78.6	87.1	90.6	93.2	95.1	96.4	97.4	97.7	98.5	99.2	100.1	100.7	101.4	102.0	100.4	97.8	93.6	94.6	86.3	
PNL		88.7	99.0	103.1	105.6	107.4	108.8	109.7	110.0	110.8	111.6	112.4	112.5	112.5	112.4	110.2	108.1	103.9	101.8	94.5	
PNLT		88.7	99.0	103.1	105.6	107.4	108.8	109.7	110.0	110.8	111.6	112.4	112.5	112.5	112.4	110.2	108.1	103.9	101.8	94.5	

Point No. B(b)-24

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-306
DATE = 01/06/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 7510
CORRECTED RPM = 7744

INLET TEMP = 28.00 F
TIME OF DAY = 1727
BARM. PRESSURE = 30.19 IN. HG.
WIND DIRECTION =
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	77.2	76.9	77.9	78.4	78.3	77.9	77.5	77.5	77.4	77.1	77.7	78.9	79.9	80.7	81.9	84.3	85.1	84.8	92.1	95.2	123.7
.063	77.9	78.2	79.0	78.6	78.3	77.2	77.1	77.1	77.2	77.5	77.3	78.0	80.5	82.2	83.0	86.4	86.8	85.1	91.3	94.1	123.9
.080	79.6	79.2	78.8	77.8	76.9	76.7	76.5	76.3	74.9	75.2	75.9	77.1	78.4	80.7	82.9	85.5	86.0	84.3	90.4	92.4	122.9
.100	78.1	78.0	77.7	76.7	77.1	76.2	76.0	75.7	75.3	75.4	77.4	78.1	80.7	82.1	83.0	86.7	86.3	83.8	89.1	92.1	123.0
.125	78.2	77.4	78.0	77.2	76.0	75.3	76.5	78.3	78.5	78.8	80.4	81.8	83.6	85.2	86.8	88.3	89.7	85.5	88.6	91.0	124.8
.160	78.2	78.1	78.3	77.7	77.9	78.1	76.8	80.1	80.0	81.0	82.8	84.0	85.8	87.3	90.0	92.9	93.0	88.3	89.5	90.4	127.8
.200	81.1	81.4	82.0	81.2	80.7	80.7	80.8	81.2	81.7	82.1	83.7	85.1	87.7	89.9	91.9	95.4	94.4	89.3	90.6	90.0	129.6
.250	82.4	83.1	83.6	83.3	82.3	83.0	83.9	83.8	84.0	84.3	86.2	87.2	89.2	90.6	92.9	95.1	94.2	88.3	88.3	88.7	130.0
.315	84.2	84.8	84.9	84.9	85.0	87.6	87.4	86.9	87.5	88.1	89.5	90.1	91.2	92.7	95.4	96.0	94.7	89.9	91.2	89.4	131.9
.400	86.4	85.0	87.5	86.9	86.7	87.6	87.6	88.6	88.4	88.0	89.2	89.8	91.3	93.3	95.6	95.1	93.5	89.0	92.1	90.1	131.9
.500	85.9	87.0	88.6	87.2	88.0	88.9	88.6	89.4	89.3	88.5	89.6	90.2	92.1	94.3	95.5	94.1	93.3	90.0	93.1	91.2	132.2
.630	86.1	86.9	87.6	87.8	86.0	89.1	87.9	88.8	88.5	89.2	90.0	90.4	91.9	93.9	95.6	94.4	94.4	91.4	93.2	92.7	132.4
.800	85.6	86.5	87.9	87.7	88.7	88.6	88.7	88.5	88.6	88.7	90.4	91.2	93.3	94.6	95.4	93.9	95.0	92.1	92.1	92.4	132.6
1.00	86.4	86.8	88.5	88.5	88.1	88.4	86.3	89.0	88.7	88.4	89.6	90.6	92.4	93.3	93.8	93.3	94.1	92.0	91.5	91.8	132.0
1.25	84.6	86.1	88.5	88.5	88.6	88.2	88.3	88.1	88.4	88.8	89.8	90.9	92.5	93.7	92.9	91.9	93.2	91.4	90.7	91.2	131.6
1.60	84.3	86.1	88.6	88.7	88.5	88.0	88.4	88.0	88.0	88.5	90.0	90.9	92.3	92.5	92.2	91.4	92.2	91.1	90.2	91.2	131.4
2.00	84.2	86.2	88.7	88.4	88.5	88.3	88.3	88.2	88.2	88.3	90.1	91.1	92.0	91.8	91.5	90.7	91.4	90.4	90.0	90.9	131.2
2.50	83.2	86.3	88.5	88.3	87.9	88.0	87.9	87.8	87.6	87.8	89.8	90.6	91.3	91.2	90.7	89.6	90.5	89.8	89.4	89.8	130.7
3.15	82.0	85.5	88.2	88.5	88.0	87.8	87.7	87.6	87.4	87.6	89.1	89.9	90.5	89.8	89.4	88.4	89.4	88.4	88.3	88.3	130.3
4.00	80.9	84.7	87.4	88.0	87.6	87.7	87.7	87.2	87.2	86.9	88.6	89.0	89.5	88.6	88.3	87.2	87.8	86.9	86.6	86.8	129.8
5.00	79.1	82.5	86.1	86.6	86.6	86.6	86.9	86.4	86.3	85.9	87.5	87.7	88.0	87.3	86.9	85.8	86.1	85.3	85.0	85.0	128.9
6.30	77.4	81.2	84.8	85.4	85.4	85.9	86.6	86.3	85.9	86.1	87.9	87.0	87.2	86.6	86.2	85.0	85.5	84.7	84.3	83.7	128.9
8.00	75.5	79.0	83.0	82.8	83.7	84.3	84.9	84.9	84.9	85.3	87.1	86.3	86.4	85.5	85.6	84.9	86.1	86.3	85.7	83.2	129.0
10.0	73.4	77.2	81.8	82.5	82.7	83.3	84.0	84.7	84.8	85.8	87.3	86.7	86.7	85.3	85.5	83.1	83.4	81.2	80.6	79.7	129.6
12.5	71.7	75.7	80.5	80.5	81.4	82.1	83.1	84.7	84.8	87.1	88.2	86.1	88.0	86.0	85.5	82.9	82.5	79.3	77.9	76.9	131.8
16.0	67.5	71.9	76.7	77.7	77.7	79.0	79.3	81.4	82.2	83.9	84.7	83.8	83.9	82.4	82.2	79.2	78.6	75.0	4.3	4.6	130.6
20.0	64.3	67.6	73.2	74.4	74.1	75.7	75.6	77.9	79.5	81.8	82.2	81.3	80.9	80.2	80.0	76.5	76.1	71.3	7.9	7.5	132.1
																				DAPHL =	144.5
TSPL	96.6	97.6	99.8	99.8	99.8	100.1	100.1	100.3	100.2	100.5	101.9	102.5	103.7	104.5	105.5	105.5	105.5	102.6	103.9	104.6	
OSPL	96.5	97.6	99.6	99.7	99.7	99.9	100.0	100.1	100.0	100.2	101.6	102.2	103.5	104.4	105.4	105.5	105.4	102.6	103.9	104.5	
PNLT	107.8	110.1	112.5	112.6	112.4	112.4	112.5	112.5	112.4	112.5	114.0	114.7	115.6	115.8	116.0	115.5	116.0	114.8	115.2	114.9	
PNL	107.8	110.1	112.5	112.6	112.4	112.4	112.5	112.5	112.4	112.5	114.0	114.7	115.6	115.8	116.0	115.5	116.0	114.3	114.7	114.9	

CONDITION = 7744 ALTITUDE = 150. FT SIDELINE

OSPL	81.0	89.6	93.1	95.5	97.5	98.6	99.5	99.9	100.2	101.5	101.9	103.0	103.5	104.1	103.1	101.4	96.2	94.2	88.6	
PNL	91.8	101.6	105.7	108.1	109.9	111.1	111.9	112.2	112.5	113.9	114.3	115.0	114.9	114.7	113.0	111.8	107.6	104.1	96.9	
PNLT	91.8	101.8	105.7	108.1	109.9	111.1	111.9	112.2	112.5	113.9	114.3	115.0	114.9	114.7	113.0	111.8	108.1	104.1	96.9	

CONDITION = 7744 ALTITUDE = 200. FT SIDELINE

OSPL	78.1	86.7	90.5	92.8	94.7	95.9	96.8	97.2	97.5	98.8	99.2	100.3	100.9	101.5	100.5	98.8	93.5	91.5	85.8	
PNL	88.1	98.4	102.7	105.1	106.9	108.3	109.1	109.4	109.7	111.1	111.5	112.2	112.1	111.9	110.2	108.9	104.6	101.0	93.4	
PNLT	88.1	98.4	102.7	105.1	106.9	108.3	109.1	109.4	109.7	111.1	111.5	112.2	112.1	111.9	110.2	108.9	105.2	101.0	93.4	

Point No. B(b)-25

ENGINE MODEL = -30
ENGINE NUMBER = 704741
STAND = X-300
DATE = 01/06/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 7665
CORRECTED RPM = 7896

INLET TEMP = 29.00 F
TIME OF DAY = 1733
BARM. PRESSURE = 30.19 IN. HG.
WIND DIRECTION =
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	2	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	78.5	77.6	78.2	78.0	77.9	77.9	77.8	77.8	77.7	77.2	78.1	78.6	80.2	80.5	82.0	84.7	85.3	84.7	92.0	93.2	123.5
.063	78.4	78.6	78.5	78.8	78.1	77.3	76.9	77.6	77.4	77.4	77.9	78.2	80.5	82.4	83.4	87.1	87.2	85.8	91.0	92.0	123.9
.080	79.7	79.3	78.4	77.6	76.8	76.2	76.5	76.4	74.9	75.5	76.2	77.4	78.7	80.6	83.2	85.4	86.6	84.9	90.4	90.5	122.9
.100	78.6	78.4	78.2	78.3	77.5	76.1	76.6	75.9	75.5	76.5	77.9	79.0	80.9	82.6	83.5	87.3	87.1	85.2	88.8	89.7	123.3
.125	74.4	76.1	77.9	78.9	76.7	75.5	77.4	78.4	79.0	79.3	81.6	82.2	88.8	85.6	87.0	88.4	90.1	86.8	88.6	88.5	125.1
.160	78.5	79.1	77.9	76.4	76.1	76.5	79.1	80.2	80.6	81.6	83.4	84.7	86.5	87.8	90.3	93.1	93.1	89.4	89.3	87.4	128.0
.200	81.8	82.4	82.1	81.5	80.7	80.8	80.6	81.3	81.9	82.8	84.1	85.6	87.9	90.2	92.3	95.3	94.8	90.5	91.0	87.6	129.9
.250	83.1	84.3	83.7	84.6	82.5	85.3	83.9	85.1	84.3	85.7	86.9	88.0	89.3	91.2	93.1	94.8	94.3	90.3	89.0	87.1	130.3
.315	84.4	85.5	84.7	85.9	85.7	88.2	87.5	88.1	88.2	89.1	89.8	90.4	91.5	93.5	95.1	95.9	95.0	91.8	91.7	88.8	132.2
.400	86.7	86.0	87.7	87.8	87.0	88.5	87.5	89.4	88.6	88.6	89.7	90.3	91.8	94.2	96.0	94.8	93.8	90.8	92.6	90.0	132.3
.500	88.4	87.6	88.7	87.3	88.2	88.7	88.6	89.6	89.4	89.2	90.0	91.0	92.6	94.6	96.1	94.1	93.8	91.7	93.7	91.1	132.6
.630	89.7	87.6	88.6	87.6	88.4	88.3	88.6	88.5	88.6	89.6	90.2	90.8	92.3	94.4	95.9	94.4	94.5	92.4	94.3	92.8	132.7
.800	89.6	87.5	88.6	88.4	88.8	89.2	88.7	90.0	88.9	90.1	90.9	92.1	93.6	95.3	95.6	94.0	94.0	93.4	93.2	91.9	133.1
1.00	87.1	87.3	88.5	88.2	89.4	88.2	88.7	88.9	88.8	88.7	90.1	90.9	92.8	93.6	94.2	93.0	93.9	93.4	92.6	91.2	132.2
1.25	85.4	87.1	88.7	88.9	89.6	88.5	88.6	89.0	88.7	89.4	90.6	91.6	93.0	93.5	93.4	92.2	93.2	92.8	92.0	90.6	132.1
1.60	84.8	86.9	88.8	86.5	89.6	88.6	88.6	89.0	88.4	89.5	90.7	91.5	92.7	92.9	92.8	91.5	92.2	92.4	91.3	90.5	131.8
2.00	84.6	86.9	88.9	88.2	86.7	88.5	88.3	88.9	88.4	89.2	90.9	91.4	92.4	92.2	92.0	90.7	91.6	91.8	91.6	90.0	131.6
2.50	83.4	86.5	88.7	88.4	87.9	88.2	87.8	88.7	87.8	88.7	90.5	91.0	92.0	91.6	91.1	89.5	90.7	90.4	90.5	89.2	131.1
3.15	82.5	85.9	88.5	88.2	88.1	88.2	87.4	88.3	87.3	88.7	89.9	90.4	91.2	90.3	90.0	88.4	89.4	89.8	89.5	87.9	130.7
4.00	81.8	85.1	87.8	87.8	87.9	88.0	87.7	87.9	87.2	88.3	89.4	89.6	90.3	89.4	88.9	87.4	88.1	88.3	88.0	86.4	130.4
5.00	80.1	83.1	82.4	86.5	86.8	87.0	87.0	87.2	86.4	87.4	88.7	88.5	88.9	88.1	87.7	86.0	86.7	86.9	86.4	84.7	129.5
6.30	78.1	81.6	84.9	85.1	85.4	86.2	86.4	87.0	85.8	87.3	88.9	87.8	88.1	87.2	86.8	85.2	85.9	86.1	85.6	83.3	129.5
8.00	76.1	79.4	83.1	83.2	83.8	84.7	84.9	85.9	84.7	86.7	88.2	87.1	87.3	85.9	86.2	85.1	86.3	86.8	86.3	82.6	129.6
10.0	74.1	77.7	81.7	82.0	82.0	83.8	84.1	85.7	84.5	87.3	89.7	87.7	87.8	86.2	86.7	84.2	84.4	83.6	82.6	79.7	130.7
12.5	71.4	76.1	80.5	82.1	81.6	82.2	83.1	85.7	84.7	87.9	90.0	88.4	88.5	86.1	86.6	83.1	82.5	81.5	78.9	76.5	132.5
16.0	68.2	73.6	76.8	77.2	77.6	79.2	79.1	82.1	81.8	84.9	86.3	84.8	84.9	82.8	83.2	79.7	78.8	77.1	75.2	72.6	131.4
20.0	65.5	68.1	73.2	74.0	74.3	75.9	75.7	78.9	79.4	83.2	84.5	82.9	82.1	80.8	81.3	77.4	76.6	73.6	73.3	72.4	133.3
																				DAPWL =	145.0
TSPL	97.1	96.5	100.7	99.8	99.9	100.4	100.2	101.0	100.4	101.5	102.8	103.1	104.2	105.1	105.9	105.5	105.6	104.7	104.6	103.4	
OSPL	97.1	96.4	99.5	99.7	99.8	100.2	100.0	100.8	100.2	101.1	102.4	102.8	104.0	105.0	105.8	105.5	105.6	104.6	104.6	103.4	
PNLT	108.3	110.6	111.7	112.5	112.5	112.8	112.5	113.2	112.4	113.6	114.9	115.2	116.2	116.3	116.5	115.5	116.2	115.6	115.6	114.1	
PNL	108.3	110.6	112.7	112.5	112.5	112.8	112.5	113.2	112.4	113.6	114.9	115.2	116.2	116.3	116.5	115.5	116.2	115.6	115.6	114.1	

CONDITION = 7696 ALTITUDE = 150. FT SIDELINE

OSPL	81.7	89.7	93.2	95.7	97.8	98.7	100.2	100.1	101.1	102.2	102.5	103.5	104.1	104.5	103.1	101.6	97.6	94.8	87.3	
PNL	92.2	101.8	104.2	106.2	110.2	111.1	112.6	112.3	113.6	114.7	114.9	115.6	115.3	115.1	113.0	112.0	108.9	105.1	96.0	
PNLT	92.2	101.8	104.2	106.2	110.2	111.1	112.6	112.3	113.6	114.7	114.9	115.6	115.3	115.1	113.0	112.0	108.9	105.1	96.0	

CONDITION = 7696 ALTITUDE = 200. FT SIDELINE

OSPL	78.8	88.8	91.4	92.9	95.1	96.1	97.5	97.4	98.4	99.5	99.8	100.8	101.4	101.9	100.5	99.0	94.9	92.1	84.5	
PNL	88.6	98.6	101.4	101.3	107.3	108.2	109.8	109.5	110.8	111.9	112.1	112.8	112.6	112.4	110.2	109.1	105.9	102.0	92.5	
PNLT	88.6	98.6	101.4	101.3	107.3	108.2	109.8	109.5	110.8	111.9	112.1	112.8	112.6	112.4	110.2	109.1	105.9	102.0	92.5	

Point No. B(b)-26

ENGINE MODEL = [illegible]
ENGINE NUMBER = 764741

STAND = X-3J6
DATE = 01/06/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7760
CORRECTED RPM = 7994

INLET TEMP = 29.00 F
TIME OF DAY = 1739
BARM. PRESSURE = 30.19 IN. HG.
WIND DIRECTIO' =
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL = (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	77.7	77.4	78.3	78.6	78.6	78.1	77.9	78.2	77.5	77.5	77.8	79.0	79.6	80.5	82.1	84.4	85.3	83.9	92.7	92.7	123.6
.063	78.0	78.4	78.8	78.8	78.3	77.8	77.3	77.5	77.1	77.7	77.8	78.5	80.4	82.6	83.7	87.4	87.2	85.4	92.1	91.1	124.2
.080	79.6	79.5	79.1	77.6	76.7	76.4	76.4	76.2	74.4	75.8	76.5	77.8	78.9	81.2	83.3	85.5	86.6	84.7	90.7	90.2	123.0
.100	78.1	79.6	77.7	76.7	76.8	76.1	75.9	76.2	75.3	77.0	77.8	79.4	80.9	82.6	83.2	86.6	87.1	84.7	89.0	89.4	123.1
.125	78.7	78.2	77.6	77.1	76.1	75.2	76.8	78.7	78.7	79.8	81.4	83.0	83.7	85.9	86.8	88.7	89.5	86.4	88.3	88.2	125.0
.160	76.4	78.9	78.2	78.1	78.3	78.4	79.1	80.3	80.3	81.9	83.3	85.0	86.3	88.3	90.1	93.5	92.9	88.4	89.4	87.1	128.0
.200	81.9	82.1	82.4	81.7	81.3	80.9	[illegible].1	81.6	82.2	82.6	84.1	86.1	88.0	90.7	92.0	95.5	94.2	89.9	90.5	87.3	129.8
.250	85.1	84.1	84.1	84.0	83.7	84.0	[illegible].4	85.2	84.8	85.8	87.2	88.7	89.8	91.8	93.4	95.4	93.8	88.5	88.4	86.9	130.5
.315	84.5	85.4	85.5	86.1	86.3	87.8	[illegible].4	88.6	88.7	89.3	89.9	90.8	91.8	94.0	95.4	96.1	94.0	90.[illegible]	91.9	89.2	132.3
.400	87.0	86.6	86.4	86.1	87.9	86.1	86.[illegible]	89.4	88.6	88.7	89.6	90.6	92.1	94.8	96.0	94.8	92.2	89.0	92.5	90.6	132.2
.500	86.7	87.6	89.0	87.6	86.6	88.5	89.1	89.6	89.7	89.6	90.4	91.4	92.7	94.9	95.8	94.4	91.9	90.1	93.1	91.8	132.5
.630	86.5	87.2	87.7	88.2	86.0	88.4	88.4	89.3	89.1	90.0	90.7	91.3	92.[illegible]	95.0	96.0	94.4	92.6	91.6	93.7	93.6	132.6
.800	86.0	87.5	88.5	88.6	89.6	89.1	89.7	90.2	90.1	90.4	91.1	92.6	93.8	95.5	95.7	93.9	93.3	92.0	92.3	93.1	133.1
1.00	86.9	87.5	88.6	88.7	88.1	87.8	88.8	89.2	88.9	89.0	90.0	91.4	92.6	94.0	93.7	93.1	92.8	92.1	91.7	92.7	132.0
1.25	85.2	87.0	89.2	89.3	88.6	88.2	89.0	89.1	89.1	89.6	90.3	91.6	92.7	93.6	93.1	92.3	92.3	91.5	91.0	91.9	131.9
1.60	84.8	87.3	89.5	89.0	88.9	88.6	89.0	89.3	88.9	89.7	90.4	91.0	92.5	93.1	92.5	91.2	91.2	91.1	90.5	92.0	131.7
2.00	84.7	87.1	89.3	88.7	88.7	88.6	88.8	89.2	88.9	89.4	90.5	91.6	92.0	92.3	91.7	90.5	90.7	90.6	90.1	91.5	131.5
2.50	85.9	86.9	89.6	89.7	88.1	88.2	88.6	88.9	88.5	89.0	90.3	91.2	91.4	91.7	90.8	89.4	89.8	89.8	89.2	90.4	131.1
3.15	82.8	84.3	86.8	86.9	86.5	88.3	88.4	88.5	88.2	88.7	89.6	90.4	90.5	90.3	89.6	88.3	88.8	88.7	88.4	89.0	130.7
4.00	82.6	85.6	87.9	88.5	88.1	88.2	88.5	88.2	88.1	88.3	89.0	89.8	89.7	89.3	88.6	87.3	87.4	87.2	86.9	87.5	130.4
5.00	80.3	83.6	86.7	87.1	87.0	87.3	87.9	87.6	87.2	87.5	88.2	88.6	88.0	88.2	87.2	86.0	85.8	85.7	85.2	86.0	129.6
6.30	78.4	82.3	85.3	85.9	85.7	86.4	87.2	87.1	86.7	87.3	88.4	87.8	87.4	87.1	86.3	85.0	85.3	85.0	84.4	84.5	129.4
8.00	76.4	80.0	83.3	83.9	83.9	84.9	85.6	86.1	85.5	86.5	87.9	87.0	86.4	85.9	85.7	84.9	85.6	85.4	84.7	83.5	129.4
10.0	74.5	78.3	82.1	82.7	83.0	83.9	84.9	86.0	85.7	87.7	89.0	87.7	87.1	86.6	86.3	84.3	83.9	82.6	81.8	80.9	130.8
12.5	71.5	76.6	80.0	81.8	81.6	82.3	83.9	85.8	86.2	88.9	89.0	88.2	88.0	85.8	85.2	83.0	81.7	79.8	78.5	77.2	132.4
16.0	68.4	72.5	76.9	77.9	77.8	79.2	80.0	82.2	83.2	85.4	85.7	85.0	84.1	82.8	82.2	79.7	78.0	75.6	75.0	73.3	131.4
20.0	65.4	68.7	73.5	74.8	74.2	76.2	76.4	79.3	81.0	83.6	84.2	83.2	81.7	81.0	80.6	78.2	75.7	72.1	73.4	72.2	133.5
																				DAPHL =	145.0
TSPL	97.1	98.6	100.3	100.3	100.2	100.3	100.8	101.3	101.0	101.7	102.6	103.3	104.0	105.4	105.8	105.6	104.7	102.8	104.2	104.0	
OSPL	97.1	98.6	100.2	100.2	100.1	100.2	100.7	101.1	100.8	101.3	102.2	103.1	103.9	105.3	105.7	105.6	104.6	102.7	104.2	104.0	
PNLT	106.4	110.9	113.0	113.0	112.8	112.8	113.2	113.4	113.1	113.7	114.6	115.4	115.8	116.5	116.2	115.5	115.3	114.4	114.8	115.1	
PNL	106.4	110.9	113.0	113.0	112.8	112.8	113.2	113.4	113.1	113.7	114.6	115.4	115.8	116.5	116.2	115.5	115.3	114.4	114.8	115.1	

CONDITION = 7994 ALTITUDE = 150. FT SIDELINE

OSPL	81.8	9[illegible]	93.7	96.[illegible]	97.7	99.3	100.5	100.6	101.3	102.1	102.8	103.3	104.4	104.4	103.2	100.6	96.4	94.4	87.7	
PNL	92.4	102.1	106.[illegible]	108.5	110.2	111.8	112.8	113.0	113.7	114.5	115.0	115.2	115.5	114.9	113.0	111.1	107.7	104.2	96.9	
PNLT	92.4	102.1	106.2	108.5	110.2	111.8	112.8	113.0	113.7	114.5	115.0	115.2	115.5	114.9	113.0	111.1	107.7	104.2	96.9		

CONDITION = 7994 ALTITUDE = 200. FT SIDELINE

OSPL	78.8	87.2	9[illegible].9	95.2	95.0	96.6	97.8	97.9	98.6	99.3	100.1	100.6	101.8	101.8	100.6	98.0	93.7	91.8	84.9	
PNL	86.8	98.9	103.2	105.8	107.4	109.0	110.0	110.2	110.9	111.7	112.3	112.4	112.8	112.1	110.2	108.3	104.7	101.1	93.4	
PNLT	88.8	98.9	103.2	105.8	107.4	109.0	110.0	110.2	110.9	111.7	112.3	112.4	112.8	112.1	110.2	108.3	104.7	101.1	93.4		

Point No. C(a)-1

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/15/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 3275
CORRECTED RPM = 3367

INLET TEMP = 31.00 F
TIME OF DAY = 1415
BARM. PRESSURE = 29.87 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.0	70.2	73.0	69.7	73.0	69.2	72.0	67.2	62.7	70.1	67.6	71.8	68.2	73.2	69.4	72.3	70.3	69.2	70.9	71.5	111.3
.063	74.8	73.6	74.0	74.1	73.9	73.5	73.0	72.1	70.3	73.6	71.9	74.0	73.1	75.5	72.7	75.1	73.4	73.9	74.6	74.2	114.4
.080	69.2	68.7	68.9	67.1	68.9	66.1	68.1	66.6	62.5	69.6	65.9	71.5	65.6	71.5	65.4	70.4	67.8	70.0	68.9	71.4	109.3
.100	68.4	67.7	67.8	64.9	67.5	65.8	67.6	64.0	61.5	66.7	65.0	68.0	64.2	68.5	64.6	67.7	67.9	68.3	68.7	69.7	107.6
.125	69.0	68.1	70.3	67.4	67.9	64.3	66.7	66.6	65.6	69.0	69.7	71.4	66.3	68.7	70.2	70.3	71.9	70.9	74.3	71.0	110.2
.160	65.6	66.4	65.5	64.3	66.1	64.7	66.0	64.6	64.3	66.2	66.5	68.3	67.8	69.1	68.3	70.3	71.8	71.4	75.5	72.5	109.3
.200	65.8	66.2	66.4	65.3	67.1	66.1	67.1	66.5	66.4	67.0	67.6	68.7	69.2	70.4	69.9	72.0	73.5	74.9	78.1	75.7	111.2
.250	68.4	67.1	70.4	68.0	66.7	64.4	66.1	63.4	68.0	69.6	70.5	71.4	67.3	68.4	72.6	71.9	71.9	73.3	76.4	75.9	111.3
.315	66.4	67.4	66.6	66.7	66.0	66.4	66.1	66.8	65.1	66.9	67.7	68.3	68.6	68.8	69.6	71.3	74.2	76.2	78.7	81.6	111.8
.400	67.2	67.3	68.4	67.8	65.2	65.1	64.6	67.5	64.1	66.2	67.9	69.1	68.3	68.9	70.0	71.8	74.1	76.1	79.2	80.3	111.8
.500	63.1	66.4	64.8	64.8	62.8	62.6	61.5	64.3	62.8	63.9	65.9	67.3	66.4	68.1	68.5	71.0	73.1	74.7	79.1	81.6	110.9
.630	64.3	65.6	65.2	65.4	63.4	63.7	60.5	63.6	62.8	63.7	65.3	66.4	65.5	66.8	67.9	70.2	72.4	74.6	78.1	79.0	110.1
.800	64.2	66.9	64.8	66.8	63.9	64.8	59.1	61.9	60.3	60.5	61.9	63.4	64.1	65.7	65.7	68.5	70.6	72.1	75.0	74.7	108.0
1.00	65.9	68.2	67.4	67.0	66.1	67.3	62.6	62.3	61.4	60.5	62.4	64.0	65.1	65.4	65.9	68.1	69.3	71.8	74.6	74.4	108.2
1.25	70.7	73.4	72.5	71.5	69.3	69.8	67.2	63.6	62.9	61.5	62.1	63.7	64.1	64.9	65.2	67.4	67.7	70.9	73.7	73.3	109.2
1.60	76.5	79.8	81.1	80.8	78.4	76.3	75.8	69.2	69.7	65.2	64.2	64.7	65.5	65.4	65.4	67.8	68.7	73.0	75.1	74.0	115.5
2.00	69.7	70.4	68.9	67.9	66.8	65.6	62.6	60.8	58.6	58.2	59.5	61.1	61.7	62.0	63.6	66.6	68.1	72.1	74.2	73.1	107.8
2.50	68.8	69.7	67.8	66.5	64.3	62.7	59.3	58.9	56.7	57.1	58.8	60.0	61.2	62.0	63.1	66.6	70.9	77.9	80.1	75.0	110.8
3.15	74.6	74.7	73.9	72.3	71.7	67.3	64.2	61.4	58.3	58.1	59.3	59.9	61.0	61.7	63.4	67.1	71.0	76.2	78.1	74.9	111.3
4.00	73.8	74.6	76.1	75.0	73.4	70.1	66.8	62.4	59.7	57.3	57.9	58.6	58.7	59.5	60.7	64.5	67.4	73.8	75.7	71.8	111.5
5.00	73.2	73.8	73.8	73.8	73.1	71.4	69.8	66.3	63.1	58.5	59.0	59.2	59.3	60.2	61.6	67.7	69.8	75.6	77.8	73.1	112.5
6.30	72.7	73.9	73.1	73.1	72.7	71.1	68.9	65.8	62.8	57.5	57.4	57.4	57.5	59.1	60.9	68.4	67.9	70.1	71.2	67.8	111.2
8.00	72.5	73.9	73.1	72.4	72.5	70.5	68.5	65.3	62.0	58.1	59.1	59.9	60.6	62.1	64.8	72.9	70.2	68.7	68.8	66.4	112.5
10.0	69.9	71.*	70.8	70.3	70.9	68.9	67.4	64.0	61.1	59.7	61.3	63.3	64.2	65.6	67.6	75.5	73.2	70.6	69.3	68.3	114.2
12.5	66.5	68.3	67.9	67.0	67.6	65.3	63.7	60.8	57.8	54.6	55.2	56.4	56.3	57.3	60.4	68.0	67.4	63.9	61.5	60.2	110.9
16.0	62.6	62.7	63.1	62.6	62.6	60.8	59.1	56.5	54.7	53.3	53.7	54.5	3.8	53.7	57.4	62.5	62.5	58.3	56.2	55.1	108.6
20.0	59.9	58.3	60.3	59.0	58.7	57.0	56.1	55.3	5.7	56.2	56.4	57.3	5.9	6.4	58.9	58.7	59.0	4.9	6.8	6.4	110.0
																				OAPWL =	125.6
TSPL	84.9	85.9	86.3	85.6	84.7	82.9	82.2	79.9	78.2	80.0	79.7	81.7	80.1	82.2	81.7	84.6	85.2	87.4	89.9	89.5	
OSPL	84.8	85.8	86.2	85.5	84.6	82.8	82.1	79.8	78.2	80.0	79.7	81.6	80.0	82.1	81.6	84.5	85.1	87.3	89.9	89.5	
PNLT	99.7	100.9	102.2	101.8	100.1	97.7	97.2	92.7	91.8	89.0	88.5	89.1	89.5	90.2	91.5	95.2	97.0	101.5	103.9	101.1	
PNL	97.6	98.3	98.7	98.1	96.7	94.8	93.6	90.4	88.8	87.2	87.4	88.5	88.5	89.7	90.6	94.5	96.3	100.2	102.6	100.0	

CONDITION = 3367 ALTITUDE = 150. FT SIDELINE

OSPL		68.1	75.7	78.8	80.3	80.3	80.7	79.2	78.0	80.0	79.5	81.3	79.5	81.3	80.3	81.9	80.9	80.9	79.9	73.4	
PNL		79.8	88.0	91.4	92.4	92.2	92.2	89.7	88.7	87.2	87.2	88.2	87.9	88.7	89.2	91.7	92.0	93.5	91.8	81.5	
PNLT		82.5	91.5	95.1	95.8	95.1	95.8	92.7	91.7	89.0	88.4	88.8	88.9	89.2	90.1	92.4	92.7	94.7	93.3	82.8	

CONDITION = 3367 ALTITUDE = 200. FT SIDELINE

OSPL		65.0	72.8	75.9	77.5	77.5	78.0	76.6	75.4	77.4	77.0	78.8	76.9	78.7	77.7	79.1	78.2	78.1	77.1	70.6	
PNL		76.2	84.8	88.4	89.5	89.4	89.4	86.8	85.9	84.4	84.4	85.4	85.1	85.9	86.4	88.8	89.0	90.5	88.6	77.9	
PNLT		78.8	88.3	92.1	92.9	92.3	93.0	89.2	88.9	86.2	85.6	85.9	86.1	86.4	87.3	89.4	89.7	91.8	90.2	78.5	

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. C(a)-2

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/15/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 4074
CORRECTED RPM = 4184

INLET TEMP = 32.00 F
TIME OF DAY = 1424
BARM. PRESSURE = 29.87 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	68.1	64.8	68.4	67.3	68.3	67.4	67.1	69.3	67.4	72.2	67.7	71.5	69.7	71.9	70.6	72.6	72.1	73.4	73.4	75.7	111.4
.063	73.3	74.0	72.7	74.9	72.4	74.5	71.4	74.9	71.7	76.6	71.9	75.9	73.3	76.5	73.9	76.9	74.7	77.2	76.1	77.4	115.7
.080	66.2	65.9	66.3	64.8	66.4	66.3	66.7	67.7	66.3	70.7	67.0	70.8	67.8	69.7	68.0	70.2	70.2	71.3	72.0	73.1	109.7
.100	66.6	66.3	67.0	64.9	66.4	66.1	67.2	66.2	65.1	69.1	65.5	69.0	66.4	68.6	67.0	69.7	70.9	71.3	72.0	73.0	109.1
.125	69.6	68.6	70.4	70.4	69.3	68.1	69.3	69.6	68.1	72.1	71.0	73.2	68.5	70.4	71.4	72.5	73.9	74.5	76.7	74.6	112.5
.160	66.6	68.9	66.4	67.7	66.7	68.2	66.9	68.1	66.2	70.1	68.5	71.4	70.1	71.0	70.4	73.3	75.3	76.0	78.1	73.7	112.2
.200	67.9	67.8	67.7	66.4	67.7	67.9	68.3	68.0	67.8	68.9	69.4	70.6	71.3	72.0	71.6	74.4	76.8	78.6	81.1	75.1	113.7
.250	70.3	68.8	71.2	68.7	67.8	65.8	67.2	69.3	68.8	70.9	71.5	72.6	69.8	71.0	73.9	73.9	75.4	76.8	79.4	77.4	113.4
.315	69.0	68.8	68.2	68.1	67.5	67.9	68.1	68.1	66.9	69.2	70.0	71.2	71.4	72.0	72.6	74.0	77.0	79.3	81.2	81.4	114.2
.400	69.2	67.8	69.5	68.3	68.1	65.9	68.7	67.5	66.8	68.4	70.5	72.1	71.9	72.3	73.6	75.3	77.2	79.7	82.5	82.2	114.9
.500	68.3	68.5	69.1	66.3	67.5	64.5	66.0	66.4	66.6	66.7	69.0	70.8	70.5	71.6	72.5	74.6	76.7	79.4	84.3	83.3	114.9
.630	68.3	67.3	67.8	66.9	67.4	65.5	64.6	65.6	66.0	66.6	68.5	69.8	69.6	70.8	71.8	73.6	76.0	79.8	83.2	81.9	114.3
.800	69.9	68.6	69.2	68.1	69.7	66.3	64.5	64.0	64.9	64.1	66.1	67.8	68.3	69.9	69.9	72.3	74.6	77.6	79.8	77.9	112.3
1.00	69.5	69.0	69.4	68.1	70.1	68.4	66.4	64.2	64.8	63.7	65.5	67.5	68.8	69.3	69.6	71.3	73.1	76.5	78.6	77.1	111.6
1.25	71.9	72.6	72.1	69.7	70.6	68.7	68.4	63.2	64.7	63.1	64.9	66.9	67.7	68.1	68.8	69.7	71.8	75.8	78.1	75.9	111.4
1.60	76.0	75.0	74.9	73.2	72.3	70.0	69.9	65.1	64.5	62.8	63.9	66.6	67.7	67.7	68.2	69.6	71.5	75.2	78.1	75.9	112.1
2.00	86.7	84.9	83.6	80.3	80.0	77.5	75.5	73.6	70.5	67.1	65.8	67.1	67.1	67.2	68.3	69.9	72.6	75.2	78.2	75.8	117.4
2.50	73.2	72.5	72.2	70.4	69.3	67.2	64.8	63.8	59.7	59.4	60.3	62.8	64.2	64.7	65.8	67.5	70.2	74.5	76.6	73.9	110.1
3.15	74.1	73.7	73.2	71.8	70.7	67.3	64.8	62.4	59.4	59.5	60.8	62.6	63.9	65.1	66.2	69.0	73.9	80.5	81.4	76.3	113.6
4.00	79.6	79.4	78.2	77.8	77.4	74.8	72.1	67.5	64.9	63.6	64.1	64.9	66.4	68.1	69.3	72.7	77.8	83.7	84.8	79.7	118.1
5.00	77.6	79.9	79.3	78.8	78.1	76.0	73.2	71.3	66.9	63.9	63.2	63.5	64.2	65.6	67.2	72.9	75.0	81.7	82.7	76.2	117.6
6.30	75.9	76.9	77.6	77.6	78.4	77.8	75.9	74.2	70.6	64.3	62.0	61.3	61.6	62.8	64.6	69.4	70.8	73.9	75.0	70.4	116.5
8.00	74.5	75.2	75.3	75.3	75.8	74.5	73.3	71.5	67.9	62.2	61.5	62.6	63.5	64.9	67.5	72.4	72.5	71.7	72.4	68.9	115.4
10.0	72.6	73.7	74.2	73.8	74.2	72.4	71.1	69.2	65.9	62.1	62.5	64.1	65.4	66.8	69.4	74.3	75.2	72.2	71.1	68.2	116.2
12.5	69.5	71.3	71.8	70.7	71.6	69.7	68.0	66.8	62.7	58.3	58.2	59.7	61.1	61.8	64.5	70.0	70.8	67.9	66.5	63.0	114.7
16.0	65.8	66.1	67.2	66.9	66.7	65.3	63.5	62.0	59.1	55.2	55.6	56.4	56.2	57.6	60.3	65.1	66.0	62.3	60.6	57.7	112.5
20.0	62.1	61.7	63.2	62.8	62.3	61.1	59.8	58.4	57.0	56.3	56.5	57.0	5.6	6.1	59.6	61.7	62.7	57.6	58.2	6.1	113.2
																			OAPWL =		128.6
TSPL	89.7	89.1	88.5	87.3	87.2	85.6	84.2	83.3	81.1	82.6	81.4	83.6	82.6	84.0	84.3	86.7	88.5	91.6	93.7	91.5	
OSPL	89.6	89.0	88.4	87.2	87.0	85.5	84.0	83.1	81.0	82.5	81.4	83.6	82.6	84.0	84.2	86.6	88.4	91.6	93.7	91.5	
PNLT	107.6	106.4	105.4	103.1	103.1	101.3	99.5	98.3	95.3	92.7	91.9	92.9	93.3	94.8	95.6	98.7	102.1	106.4	107.5	104.3	
PNL	103.6	102.7	102.0	100.3	100.1	98.4	96.8	95.2	92.5	90.7	90.7	92.1	92.6	93.8	94.8	97.8	101.0	105.3	106.9	103.2	

CONDITION = 4184 ALTITUDE = 150. FT SIDELINE

OSPL		70.8	77.6	80.2	82.6	82.8	82.6	82.5	80.8	82.5	81.2	83.3	82.0	83.1	82.9	84.1	84.2	85.0	83.6	75.2	
PNL		84.2	91.3	93.2	95.6	95.6	95.4	94.6	92.4	90.7	90.5	91.8	91.9	92.9	93.4	95.1	96.6	98.4	95.8	84.0	
PNLT		87.9	94.6	96.1	98.7	98.6	98.1	97.6	95.2	92.7	91.7	92.6	92.7	93.8	94.2	96.1	97.7	99.4	96.4	85.1	

CONDITION = 4184 ALTITUDE = 200. FT SIDELINE

OSPL		67.4	74.5	77.1	79.6	79.9	79.7	79.8	78.1	80.0	78.7	80.7	79.4	80.5	80.3	81.4	81.5	82.2	80.7	72.4	
PNL		80.5	88.1	90.2	92.7	92.5	92.3	91.6	89.4	87.9	87.7	88.9	89.1	90.0	90.5	92.2	93.6	95.2	92.5	80.1	
PNLT		84.3	91.5	93.1	95.8	95.5	95.0	94.6	92.2	89.9	88.9	89.7	89.9	91.0	91.3	93.1	94.7	96.0	93.5	81.1	

Point No. C(a)-3

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/15/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5118
CORRECTED RPM = 5261

INLET TEMP = 31.00 F
TIME OF DAY = 1458
BARM. PRESSURE = 29.87 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.2	72.1	74.7	73.3	74.3	71.4	71.9	68.1	66.8	67.7	73.2	72.1	73.5	74.4	73.1	75.4	76.6	76.3	77.8	76.9	114.3
.063	76.3	74.8	75.7	74.8	75.3	73.7	74.4	72.4	73.1	72.9	74.6	73.1	75.7	75.7	75.4	76.8	77.8	77.7	79.3	77.3	116.2
.080	71.1	70.9	71.2	70.4	70.9	69.3	69.5	67.4	67.6	68.8	70.6	70.7	71.0	72.0	70.8	72.8	74.2	75.3	76.7	75.0	112.4
.100	70.9	71.1	71.4	69.4	70.4	69.0	69.3	66.6	65.2	67.1	69.9	69.6	70.2	71.6	70.4	73.1	74.4	74.8	76.5	75.5	112.0
.125	72.7	73.8	74.6	73.0	71.5	70.9	72.4	71.3	69.2	70.4	71.7	72.6	71.1	72.9	73.5	74.7	76.2	75.9	77.8	75.3	114.1
.160	70.9	71.3	70.4	69.2	69.4	68.9	69.6	68.9	67.9	69.3	71.7	72.7	73.1	73.8	73.9	76.9	79.3	80.4	80.6	74.3	115.2
.200	71.3	71.2	69.9	68.3	69.5	69.6	69.7	69.3	69.3	70.3	72.4	72.7	74.2	75.3	74.6	79.1	81.4	83.1	83.8	75.1	117.1
.250	72.7	71.6	72.5	69.9	69.8	67.4	69.3	70.3	70.3	72.2	73.8	74.6	73.9	74.9	76.8	78.1	80.4	81.5	82.8	76.8	116.7
.315	71.4	71.0	70.5	69.3	70.0	69.8	70.2	69.4	68.6	71.4	73.8	74.5	75.6	76.4	76.9	78.9	81.1	83.2	85.5	79.7	117.8
.400	70.8	69.3	71.0	69.1	69.4	67.8	69.8	68.8	66.3	70.9	74.7	75.8	76.4	76.5	77.5	79.8	81.4	83.8	87.6	80.2	118.7
.500	69.2	69.9	69.9	67.7	69.2	66.8	67.9	68.0	68.6	70.1	74.0	75.0	75.5	76.6	77.0	80.0	81.3	84.5	89.0	82.4	119.2
.630	71.8	70.7	71.3	69.3	70.8	68.5	67.9	68.4	69.5	70.2	73.1	74.3	74.8	76.2	76.9	79.3	81.6	84.6	87.8	81.9	118.8
.800	71.2	70.5	72.0	70.1	72.1	68.9	67.5	67.3	68.7	68.4	71.8	72.9	74.1	75.2	75.7	77.7	79.9	83.2	84.6	79.2	117.1
1.00	72.5	71.7	72.9	70.2	73.0	70.7	69.7	67.2	68.8	68.1	71.2	72.7	74.4	74.6	75.0	76.5	78.8	82.2	83.9	78.7	116.5
1.25	73.0	72.7	73.6	70.7	72.0	70.0	70.2	65.5	67.4	66.9	70.1	72.0	73.3	73.7	73.9	75.1	77.3	81.4	83.1	77.5	115.7
1.60	73.3	72.8	74.4	72.6	72.8	69.9	70.6	65.4	66.3	66.1	69.1	71.3	72.9	72.8	73.1	74.5	76.8	81.0	82.7	76.9	115.4
2.00	75.3	75.6	76.6	74.8	74.7	71.8	70.8	70.2	67.0	66.1	68.3	70.6	71.7	72.3	73.0	74.9	77.3	80.7	82.1	77.5	115.8
2.50	81.6	81.6	83.4	81.7	82.0	79.8	78.4	79.0	73.2	68.8	67.7	69.3	70.6	71.3	71.4	73.0	75.5	78.9	80.4	75.6	119.2
3.15	75.5	75.7	75.6	73.7	74.7	71.2	69.8	68.6	64.4	62.3	64.8	66.7	68.4	69.7	69.7	71.8	74.7	77.8	79.5	74.3	114.0
4.00	78.0	78.5	77.8	76.6	77.1	74.7	72.8	69.7	66.9	64.0	65.1	66.7	68.0	69.8	70.3	73.4	77.8	82.6	82.3	77.5	117.3
5.00	81.5	81.6	82.2	82.0	82.7	80.4	79.0	78.8	73.9	69.2	68.1	69.1	68.9	71.1	70.9	75.4	79.2	83.6	82.8	76.8	121.0
6.30	79.6	79.9	80.5	79.7	80.7	78.8	77.5	76.0	73.6	67.6	66.8	67.6	68.7	70.7	71.7	76.3	79.5	82.7	82.0	74.7	120.2
8.00	78.6	79.0	79.8	79.4	80.7	79.3	78.3	77.2	74.5	67.8	65.6	65.9	66.6	67.6	69.0	72.4	74.7	74.6	74.4	69.0	119.7
10.0	76.9	77.5	78.1	77.4	79.0	77.2	76.4	74.6	72.5	66.9	66.0	67.2	68.3	69.5	71.2	75.4	77.6	75.3	73.9	68.7	120.0
12.5	74.4	75.8	76.5	75.2	76.7	74.6	73.5	72.2	69.7	64.1	63.2	64.2	65.9	66.3	68.6	73.2	75.8	72.9	70.9	65.0	119.5
16.0	71.0	71.1	72.3	71.8	72.4	70.3	69.3	67.2	65.9	60.4	60.5	60.4	61.9	62.9	65.0	69.5	72.4	68.9	66.3	60.5	117.9
20.0	67.3	66.9	68.1	67.6	67.8	66.0	65.6	62.7	62.4	58.7	58.8	58.7	57.8	59.7	62.4	65.7	68.6	63.9	63.0	58.4	118.1
TSPL	89.8	89.8	90.7	89.5	90.3	88.3	87.5	86.5	84.2	83.0	85.2	85.9	86.8	87.6	88.0	90.5	92.7	95.1	97.0	OAPWL = 91.4	131.9
DSPL	89.6	89.6	90.4	89.2	90.0	88.0	87.3	86.3	84.0	82.9	85.1	85.9	86.7	87.6	87.9	90.4	92.6	95.1	97.0	91.4	
PNLT	105.2	105.1	106.6	105.3	106.0	104.1	103.1	102.9	98.9	95.2	94.5	95.7	97.3	97.7	98.6	101.0	103.9	107.2	107.9	102.6	
PNL	103.1	103.1	104.2	102.8	103.6	101.4	100.4	99.7	96.4	93.7	94.5	95.7	96.7	97.7	98.0	101.0	103.9	107.2	107.9	102.6	

CONDITION = 5261 ALTITUDE = 150. FT SIDELINE

OSPL	75.8	79.3	82.1	85.5	85.3	85.8	85.7	83.8	82.9	85.0	85.6	86.2	86.7	86.6	87.9	88.5	88.7	87.2	75.1	
PNL	84.1	93.2	95.8	99.0	98.7	99.0	99.1	96.3	93.7	94.4	95.3	96.1	96.7	96.6	98.4	99.5	100.2	97.0	83.6	
PNLT	86.1	95.7	98.3	101.5	101.4	101.7	102.3	98.8	95.2	94.4	95.3	96.7	96.7	97.2	98.4	99.5	100.2	97.0	83.6	

CONDITION = 5261 ALTITUDE = 200. FT SIDELINE

OSPL	67.5	76.1	79.0	82.4	82.3	82.9	82.8	81.0	80.3	82.4	83.0	83.6	84.1	84.0	85.3	85.8	85.9	84.4	72.3	
PNL	80.2	90.0	92.7	96.0	95.6	96.0	96.2	93.4	90.8	91.5	92.6	93.3	93.9	93.8	95.4	96.5	97.1	93.7	80.1	
PNLT	82.2	92.4	95.2	98.4	98.4	98.7	99.4	95.9	92.4	91.5	92.6	93.9	93.9	94.4	95.4	96.5	97.1	93.7	80.1	

Point No. C(a)-4

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/15/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 5622
CORRECTED RPM = 5774

INLET TEMP = 32.00 F
TIME OF DAY = 1503
BARM. PRESSURE = 29.87 IN. HG.
WIND DIRECTION = 5
WIND VELOCITY = 4 MPH.

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	72.3	71.9	72.3	74.3	71.7	74.6	70.3	73.6	69.7	71.9	71.3	72.5	73.1	73.5	74.6	76.7	78.1	78.3	78.5	78.6	115.3
.063	74.9	75.4	74.0	76.1	73.8	76.1	73.0	75.5	73.5	75.4	73.5	74.5	75.7	76.8	76.2	78.8	79.2	80.0	80.6	79.0	117.4
.080	71.4	70.3	71.2	70.7	71.0	71.9	71.3	71.0	71.7	71.4	72.7	71.4	73.5	72.1	74.2	74.8	76.7	77.3	78.6	76.7	114.4
.100	70.9	71.0	70.7	70.4	69.7	71.3	69.3	69.9	67.4	69.9	70.2	70.7	72.2	72.6	72.5	75.4	76.5	76.6	78.1	77.2	113.6
.125	73.8	73.9	74.2	72.4	69.9	70.4	70.9	71.4	69.4	72.1	72.8	73.2	72.4	73.3	74.9	76.4	77.9	77.7	79.0	77.6	115.0
.160	72.6	73.3	72.1	70.4	69.6	70.5	70.3	70.6	69.6	71.3	73.6	74.1	74.7	75.4	76.1	79.2	81.3	81.3	82.1	77.1	116.8
.200	72.3	71.9	70.3	68.8	70.0	70.8	70.6	70.3	70.4	71.7	73.9	74.2	75.9	77.0	76.8	81.3	83.2	84.6	85.2	77.4	118.8
.250	74.1	73.1	73.4	70.9	70.5	68.9	70.3	71.4	71.4	73.4	75.0	75.9	76.0	77.1	78.9	80.4	82.3	83.7	83.9	78.8	118.4
.315	72.3	72.3	71.7	70.8	70.8	71.0	71.5	70.4	69.8	73.3	75.7	76.6	77.4	78.3	78.9	81.1	83.2	84.9	86.9	82.4	119.6
.400	72.0	71.1	72.2	74.4	70.5	69.2	70.7	69.9	70.1	72.6	76.3	77.7	78.5	78.6	79.4	81.9	83.3	85.3	88.9	82.9	120.4
.500	70.3	71.6	71.2	69.4	70.5	68.2	69.2	69.4	70.1	71.6	75.9	77.0	77.6	78.9	79.3	81.6	83.4	86.1	90.4	85.2	120.9
.630	73.0	72.3	72.2	70.4	71.5	69.6	69.3	69.6	70.9	72.0	74.9	76.5	77.1	78.1	79.0	81.4	83.6	86.2	88.9	85.5	120.5
.800	72.7	72.2	73.6	71.7	73.2	70.3	69.0	68.7	69.9	70.3	73.8	75.0	76.4	77.1	78.4	79.6	82.0	85.2	86.3	82.7	119.0
1.00	73.5	73.0	73.5	71.1	73.0	71.1	70.2	67.8	69.5	69.7	73.5	75.1	76.2	76.5	77.1	78.5	80.9	84.3	85.1	82.0	118.2
1.25	73.8	73.6	74.0	71.3	72.7	70.9	70.9	66.5	68.2	68.8	72.1	74.0	75.2	75.5	76.2	77.3	79.5	83.6	84.8	80.9	117.6
1.60	73.9	73.3	73.6	72.2	72.6	70.0	71.2	66.5	67.1	67.8	71.0	73.2	74.7	74.6	75.2	76.5	79.1	82.7	84.4	80.5	117.0
2.00	76.2	75.7	74.6	73.0	72.9	70.4	70.2	68.9	66.9	67.0	69.9	72.2	73.2	73.7	74.5	75.9	79.2	82.3	83.4	79.4	116.7
2.50	86.5	85.9	85.4	83.9	83.1	79.7	77.5	76.7	72.6	69.3	69.9	71.4	72.7	73.5	74.0	75.6	78.3	81.4	82.8	79.7	120.6
3.15	79.5	78.6	78.0	76.5	76.3	72.9	71.8	69.3	66.1	64.5	66.9	68.8	70.6	71.6	72.0	73.8	76.7	79.6	81.1	77.2	116.0
4.00	78.6	78.4	77.8	77.0	77.1	74.7	73.3	70.1	67.2	64.4	65.8	67.4	69.2	70.3	71.1	73.2	76.8	79.9	80.5	76.4	116.5
5.00	82.2	82.1	83.0	82.6	83.6	81.5	81.0	80.0	75.7	70.8	68.8	69.2	69.4	70.2	71.0	74.0	77.7	81.2	81.3	77.6	121.3
6.30	79.5	80.2	80.3	79.9	80.8	78.4	77.4	75.6	73.0	68.6	68.3	69.4	70.7	72.4	73.4	78.2	82.4	85.6	85.0	78.0	121.6
8.00	79.3	79.7	80.4	80.0	81.1	78.9	78.7	76.8	74.2	69.2	65.3	65.6	66.4	67.5	69.0	72.5	74.6	75.4	75.6	71.1	119.9
10.0	77.3	77.9	78.5	78.1	79.3	76.8	76.3	74.5	71.7	68.9	67.7	69.1	70.3	71.2	72.9	77.3	78.8	77.0	75.5	71.3	120.6
12.5	74.9	76.3	76.8	75.8	77.1	74.4	73.5	72.4	69.3	66.1	64.2	65.7	67.4	67.9	69.7	74.4	76.7	75.0	72.7	67.7	120.1
16.0	72.0	72.2	73.1	72.8	73.1	70.8	69.6	68.0	65.8	63.0	61.9	62.4	63.7	64.9	66.5	71.3	73.9	71.4	68.5	63.4	119.0
20.0	68.7	68.5	69.5	69.4	69.1	67.0	66.2	64.4	62.8	61.0	60.1	61.0	60.3	62.4	64.6	68.7	71.4	67.4	65.8	60.8	120.0
																			OAPWL =		133.2
TSPL	91.5	91.3	91.3	90.5	90.7	88.8	87.9	87.0	84.9	84.9	86.5	87.6	88.5	89.2	90.0	92.3	94.5	96.6	98.3	94.1	
OSPL	91.3	91.1	91.1	90.2	90.4	88.5	87.7	86.8	84.7	84.7	86.4	87.5	88.4	89.2	89.9	92.2	94.4	96.6	98.3	94.1	
PNLT	108.8	108.5	108.4	107.1	107.0	104.8	103.7	102.9	99.6	96.7	96.1	97.4	98.5	100.0	100.6	103.5	106.7	109.5	110.1	105.3	
PNL	105.9	105.6	105.4	104.1	104.2	102.1	101.5	100.3	97.5	95.3	96.1	97.4	98.5	99.3	100.0	102.7	105.7	108.3	109.0	104.7	

CONDITION = 5774 ALTITUDE = 150. FT SIDELINE

OSPL		72.5	80.0	83.1	85.9	85.9	86.2	86.2	84.6	84.7	86.3	87.2	87.9	88.3	88.6	89.8	90.3	90.2	88.5	77.8	
PNL		86.7	94.4	97.2	99.6	99.4	100.1	99.7	97.4	95.3	95.9	97.1	97.9	98.4	98.7	100.0	101.2	101.2	98.0	86.5	
PNLT		89.6	97.5	100.2	102.5	102.1	102.3	102.2	99.4	96.7	95.9	97.1	97.9	99.0	99.2	100.8	102.2	102.4	99.2	86.5	

CONDITION = 5774 ALTITUDE = 200. FT SIDELINE

OSPL		69.2	78.8	80.0	82.8	82.9	83.3	83.3	81.8	82.1	83.7	84.6	85.3	85.7	86.0	87.2	87.6	87.5	85.8	75.0	
PNL		82.9	91.2	94.1	96.7	96.4	97.1	96.8	94.5	92.4	93.2	94.3	95.2	95.6	95.9	97.0	98.1	97.9	94.9	82.9	
PNLT		85.9	94.2	97.2	99.5	99.1	99.3	99.3	96.5	93.8	93.2	94.3	95.2	96.3	96.5	97.8	99.2	99.2	96.1	83.5	

Point No. C(a)-5

ENGINE MODEL = -D0
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/15/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 5966
CORRECTED RPM = 6133

INLET TEMP = 31.00 F
TIME OF DAY = 1513
BARM. PRESSURE = 29.87 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	HICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	72.4	69.4	71.8	71.8	71.3	71.2	70.3	70.9	69.9	70.5	72.4	73.7	74.4	75.2	75.5	77.7	77.9	78.9	79.7	80.3	115.4
.063	75.6	74.7	75.0	75.3	74.8	74.8	73.9	74.6	74.1	74.4	74.9	74.7	76.5	77.4	77.0	79.6	79.7	80.4	80.9	80.1	117.7
.080	69.5	68.0	68.5	68.9	68.6	69.4	67.9	69.9	69.5	70.6	71.2	72.1	72.7	73.2	73.9	75.8	76.7	78.5	78.6	78.0	114.1
.100	70.7	70.2	70.7	69.6	68.5	69.2	67.5	68.4	67.2	69.1	71.3	72.3	74.0	74.4	74.0	77.7	78.0	77.5	78.7	78.7	114.5
.125	72.0	72.6	74.3	71.7	70.2	68.0	69.0	70.2	69.7	71.5	73.0	73.8	73.4	74.5	76.2	77.7	78.8	78.5	79.6	78.6	115.4
.160	72.5	72.8	72.9	70.1	70.5	70.1	70.3	70.1	70.5	71.2	74.4	75.3	76.1	76.7	77.9	80.3	82.3	82.2	81.7	77.8	117.6
.200	73.6	73.2	71.9	69.6	71.4	71.2	71.6	70.7	71.4	72.3	75.1	75.3	77.4	77.9	79.1	82.6	83.6	84.9	84.8	78.6	119.4
.250	75.0	74.6	73.9	71.5	71.3	69.6	71.3	71.8	72.3	73.9	76.4	77.3	77.6	78.6	80.4	82.0	83.4	83.9	84.1	80.2	119.4
.315	74.0	73.8	73.0	72.0	72.0	71.4	72.5	70.9	70.9	74.3	77.4	78.4	79.3	80.2	81.1	83.4	84.3	85.5	88.4	82.5	121.0
.400	73.0	72.4	73.0	71.3	71.4	70.0	71.7	71.0	71.2	73.5	78.1	79.2	80.1	80.6	81.7	83.9	84.2	85.9	89.5	82.8	121.5
.500	71.7	73.0	73.1	70.7	70.5	69.1	69.8	69.9	71.3	72.7	77.5	78.2	79.3	80.4	81.6	83.3	84.0	86.8	92.0	85.5	122.2
.630	73.1	73.3	73.2	71.1	71.6	70.2	70.1	70.7	72.0	73.2	76.6	78.0	78.8	79.8	81.3	82.6	84.5	87.2	89.3	85.6	121.5
.800	72.3	72.5	73.0	72.6	72.2	71.7	69.4	70.2	71.0	71.6	75.2	76.5	78.0	78.9	80.4	80.9	83.5	86.2	87.1	83.3	120.2
1.00	72.7	72.8	72.5	71.1	72.1	70.8	69.9	68.9	70.2	70.9	74.9	76.4	77.6	78.1	79.7	80.0	82.0	85.2	86.1	82.7	119.3
1.25	73.5	73.6	72.8	70.9	70.6	70.1	70.0	67.6	68.9	70.0	73.9	75.5	77.0	77.1	78.6	78.9	81.0	84.5	85.8	81.9	118.6
1.60	72.8	73.0	73.0	72.2	71.2	69.5	69.6	67.1	67.7	69.1	72.8	74.7	76.3	76.2	77.6	78.0	80.4	83.7	85.2	81.7	118.0
2.00	73.4	73.3	73.1	72.3	72.4	70.5	69.0	69.1	67.1	68.0	71.4	73.5	74.5	75.3	76.7	77.3	80.5	83.5	84.2	80.6	117.6
2.50	80.4	80.7	80.5	80.2	79.4	78.1	77.1	75.9	72.8	70.6	70.9	72.7	74.1	75.2	76.0	77.2	80.0	82.9	83.9	81.8	119.5
3.15	78.4	78.6	78.6	78.5	78.1	76.0	74.9	73.3	70.1	66.8	68.7	70.6	72.1	73.3	74.2	75.1	78.1	80.7	82.0	78.7	117.7
4.00	76.3	76.6	75.7	75.5	75.2	73.5	71.5	70.0	67.0	64.2	66.8	68.5	70.4	71.8	72.9	74.2	77.2	80.0	80.7	77.4	116.2
5.00	77.9	78.3	78.3	78.0	78.3	76.7	74.9	74.6	71.6	66.5	67.5	68.3	69.7	71.3	72.7	74.9	78.6	82.5	81.8	78.6	118.5
6.30	76.9	77.7	77.4	77.2	77.5	76.0	74.0	73.6	71.1	67.0	68.9	70.0	71.6	73.1	74.5	78.0	83.1	85.8	84.2	78.7	120.7
8.00	75.6	76.1	76.0	75.5	75.7	73.9	72.1	71.3	68.4	64.0	65.1	66.2	67.8	69.5	71.7	74.6	77.5	77.8	77.5	73.3	117.2
10.0	73.3	73.8	73.7	73.2	73.4	71.3	69.6	68.6	66.0	64.5	66.7	68.3	69.3	70.6	72.9	75.8	79.0	76.9	75.6	71.8	117.9
12.5	70.5	71.8	71.9	70.5	71.1	68.9	67.0	66.6	64.0	62.2	64.3	66.1	67.9	68.7	71.2	74.7	77.7	75.7	73.8	69.1	118.1
16.0	67.2	67.2	67.5	66.8	66.7	65.1	62.8	62.2	60.8	59.8	62.3	62.9	64.2	65.7	67.9	71.7	75.0	71.8	69.4	64.7	117.1
20.0	63.8	63.3	63.9	63.0	62.6	61.1	59.9	59.1	59.0	59.1	60.5	61.2	61.0	63.5	65.7	69.3	72.9	68.2	67.3	62.1	118.7
																			DAPWL =		133.1
TSPL	88.8	88.9	88.8	88.1	88.0	86.7	85.8	85.3	84.4	84.8	87.7	88.8	89.9	90.7	91.9	93.7	95.4	97.4	99.1	94.8	
OSPL	88.6	88.8	88.7	88.0	87.8	86.5	85.7	85.2	84.3	84.8	87.7	88.8	89.9	90.7	91.9	93.6	95.3	97.3	99.1	94.8	
PNLT	103.7	104.1	103.9	103.3	102.7	101.6	100.7	99.7	97.6	96.2	97.6	98.6	99.9	101.4	102.0	104.1	107.5	109.9	110.2	106.1	
PNL	102.2	102.5	102.3	101.7	101.3	100.0	99.0	98.1	96.2	95.1	97.1	98.6	99.9	100.8	102.0	103.6	106.6	109.0	109.4	106.1	

CONDITION = 6133 ALTITUDE = 150. FT SIDELINE

OSPL		71.0	78.1	81.2	83.5	84.0	84.3	84.6	84.2	84.8	87.6	88.5	89.3	89.8	90.6	91.2	91.2	90.9	89.3	78.5	
PNL		83.7	91.4	94.8	97.0	97.4	97.6	97.5	96.1	95.1	97.0	98.2	99.3	99.9	100.6	101.0	102.1	101.8	98.8	87.8	
PNLT		85.3	93.0	96.4	98.4	99.0	99.3	99.1	97.5	96.2	97.5	98.2	99.8	100.4	100.6	101.6	103.0	102.8	99.6	87.8	

CONDITION = 6133 ALTITUDE = 200. FT SIDELINE

OSPL		67.8	75.1	78.2	80.6	81.2	81.6	81.9	81.5	82.2	85.0	85.9	86.7	87.2	88.0	88.6	88.6	88.2	86.6	75.7	
PNL		79.9	88.2	91.8	94.1	94.5	94.8	94.7	93.3	92.3	94.2	95.5	96.5	97.1	97.8	98.2	99.1	98.7	95.7	84.2	
PNLT		81.5	89.0	93.4	95.5	96.1	96.5	96.3	94.7	93.4	94.7	95.5	96.5	97.7	97.8	98.8	99.9	99.7	96.5	84.2	

Point No. C(a)-6

ENGINE MODEL = -06
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/15/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6116
CORRECTED RPM = 6287

INLET TEMP = 31.00 F
TIME OF DAY = 1535
BARM. PRESSURE = 29.87 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.5	69.6	74.0	71.4	73.3	72.6	72.8	72.6	70.2	73.1	72.4	75.5	74.2	76.7	75.8	77.9	79.1	79.7	80.5	81.3	116.4
.063	77.0	74.5	76.0	75.4	75.7	75.3	75.1	75.3	74.4	75.8	74.5	76.0	76.8	78.0	77.3	80.0	80.7	81.3	81.4	81.1	118.3
.080	75.6	68.9	71.6	68.8	70.8	70.9	71.2	70.6	70.5	72.5	72.0	74.1	73.2	75.0	74.6	76.0	77.6	79.0	79.4	78.7	115.1
.100	74.7	70.8	72.7	69.7	70.0	70.3	69.9	69.3	68.4	71.1	71.4	73.2	73.7	75.2	74.5	77.8	78.7	78.3	79.5	78.8	115.1
.125	73.1	72.1	74.5	71.8	71.9	68.6	71.0	71.1	71.0	72.4	74.2	74.6	74.5	75.6	76.9	78.3	79.7	79.1	80.2	79.0	116.2
.160	73.3	72.8	73.0	70.3	71.7	73.2	73.7	70.6	70.5	72.1	75.1	76.2	76.7	77.7	78.6	81.3	83.0	82.6	82.8	78.4	118.3
.200	74.1	73.6	72.4	69.8	71.3	71.5	71.9	71.2	71.3	73.1	75.4	76.0	77.7	78.9	79.5	82.9	84.6	85.4	85.7	78.6	120.0
.250	75.5	74.7	74.3	71.5	71.2	70.1	71.6	72.0	72.1	74.5	76.8	77.8	78.1	79.7	80.6	82.3	84.1	85.2	85.3	80.2	120.1
.315	74.8	74.3	73.2	72.5	71.9	72.1	72.1	71.3	70.9	75.0	77.9	78.9	79.9	81.2	81.5	83.8	84.8	86.7	88.8	83.0	121.6
.400	72.2	71.9	72.1	71.1	70.3	70.0	70.5	70.5	70.9	74.0	78.4	79.7	80.8	81.6	82.1	84.1	85.0	86.7	89.7	83.4	121.9
.500	70.7	72.6	72.9	70.0	69.8	69.3	69.4	69.5	71.3	73.5	77.8	79.0	79.8	81.5	82.2	83.7	85.0	87.4	91.6	86.4	122.5
.630	71.9	72.9	73.0	71.2	70.4	69.4	69.6	70.2	71.5	73.9	77.3	78.8	79.2	80.7	81.8	83.0	85.5	88.5	90.2	86.3	122.3
.800	70.6	71.5	71.9	71.7	71.1	71.0	68.9	69.9	70.7	72.2	76.1	77.2	78.7	80.0	81.0	81.8	84.4	87.4	88.0	84.3	121.0
1.00	70.7	71.5	71.0	70.1	70.1	69.4	68.4	68.2	69.8	71.3	75.9	77.1	78.4	79.1	80.1	80.6	82.7	86.1	86.7	83.4	119.9
1.25	71.3	71.7	70.2	69.6	68.6	68.1	67.9	67.3	68.4	70.6	74.4	76.0	77.5	78.3	78.8	79.6	81.7	85.5	86.5	82.6	119.2
1.60	70.8	71.4	70.2	68.9	67.6	67.6	67.4	66.1	67.2	69.4	73.3	75.3	76.8	77.3	77.9	78.7	81.0	84.6	85.8	82.5	118.5
2.00	70.9	71.3	70.0	69.6	67.6	66.7	65.4	67.0	66.2	68.1	72.5	74.0	75.4	76.2	76.9	78.0	81.2	84.3	85.1	81.3	118.0
2.50	73.1	74.3	73.0	73.0	71.3	70.1	68.9	69.4	67.6	68.0	70.9	72.8	74.6	76.0	76.2	77.5	80.5	83.5	84.5	81.7	117.8
3.15	73.1	74.6	73.7	74.2	72.6	70.4	69.3	68.9	65.8	65.5	68.9	70.8	72.8	74.2	74.5	75.8	78.8	81.5	82.7	79.5	116.5
4.00	71.0	71.6	70.5	70.6	69.7	67.5	65.3	64.5	62.8	63.1	67.0	68.8	71.1	72.6	73.2	74.9	77.9	80.4	81.3	78.2	115.3
5.04	70.8	71.4	70.0	69.5	69.3	67.3	65.3	65.4	63.3	62.9	66.5	68.0	70.0	71.9	72.6	75.0	78.7	82.3	81.9	78.5	116.2
6.30	68.5	69.7	68.3	68.4	68.3	66.6	64.6	64.6	63.6	64.2	67.8	69.2	71.2	73.1	73.9	77.7	82.9	85.9	85.0	78.5	119.7
8.00	66.3	67.6	65.8	65.8	66.3	63.6	61.8	61.7	60.8	61.9	65.3	66.7	68.6	70.6	72.2	76.0	80.3	79.9	79.7	74.3	116.6
10.0	63.6	64.8	63.7	63.3	62.9	61.3	59.6	59.9	60.3	63.3	66.4	68.1	69.6	71.2	72.6	75.9	79.3	76.9	75.7	71.7	116.6
12.5	60.5	62.4	61.4	60.3	60.0	58.3	56.9	58.4	58.9	61.4	64.5	66.4	68.5	69.8	71.5	75.2	78.6	76.2	74.4	69.3	117.6
16.0	57.8	57.6	58.2	56.9	56.4	55.0	53.6	55.6	56.9	59.5	62.4	63.2	64.8	66.8	68.0	72.1	75.8	72.1	69.5	64.6	116.7
20.0	57.6	55.3	58.3	55.9	5.9	5.9	6.0	55.8	56.9	59.0	60.9	61.8	61.7	64.6	66.2	70.0	73.7	68.7	67.3	62.4	118.7
																				OAPWL =	133.3
TSPL	86.7	86.0	86.1	84.8	84.6	83.8	83.7	83.6	83.4	85.5	88.2	89.5	90.4	91.7	92.3	94.2	96.2	98.2	99.6	95.4	
OSPL	86.6	86.0	86.1	84.7	84.6	83.8	83.7	83.6	83.4	85.5	88.1	89.5	90.4	91.7	92.2	94.1	96.1	98.2	99.6	95.4	
PNLT	97.0	99.3	98.3	98.2	97.0	95.4	94.6	94.5	93.5	94.7	97.3	98.9	100.9	101.7	102.3	104.5	107.7	110.3	110.7	106.4	
PNL	97.8	98.4	97.7	97.3	96.4	94.9	94.0	93.9	92.9	94.2	97.3	98.9	100.4	101.7	102.3	104.0	107.1	109.5	110.0	106.4	

CONDITION = 6287 ALTITUDE = 150. FT SIDELINE

OSPL		69.5	76.3	78.4	80.6	81.4	82.4	83.0	83.2	85.5	88.0	89.2	89.8	90.8	91.0	91.7	92.0	91.8	89.8	79.2	
PNL		79.6	86.9	90.4	92.0	92.3	92.7	93.3	92.7	94.2	97.2	98.6	99.8	100.8	100.9	101.4	102.6	102.4	99.4	88.2	
PNLT		80.5	87.4	91.3	92.7	92.9	93.2	93.9	93.4	94.7	97.2	98.6	100.3	100.8	100.9	102.0	103.2	103.2	100.2	88.2	

CONDITION = 6287 ALTITUDE = 200. FT SIDELINE

OSPL		66.7	73.6	75.7	77.9	78.6	79.8	80.5	80.7	82.9	85.4	86.6	87.3	88.2	88.4	89.0	89.3	89.1	87.1	76.4	
PNL		76.8	83.6	87.4	89.1	89.4	89.8	90.5	90.0	91.4	94.4	95.9	97.0	98.0	98.1	98.6	99.5	99.4	96.3	84.6	
PNLT		76.7	84.2	88.3	89.7	90.0	90.3	91.1	90.6	91.9	94.4	95.9	97.6	98.0	98.1	99.1	100.1	100.2	97.1	84.6	

Point No. C(a)-7

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/15/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6291
CORRECTED RPM = 6467

INLET TEMP = 31.00 F
TIME OF DAY = 1545
BARH. PRESSURE = 29.87 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	PWL
.050	72.7	71.4	71.8	73.6	72.4	73.6	73.0	75.7	71.6	76.4	73.7	75.2	75.7	75.8	77.2	78.7	81.9	79.8	81.1	81.8	117.6
.063	76.0	75.4	75.4	75.9	75.9	75.9	75.5	76.8	75.7	77.5	75.9	75.6	77.5	77.1	78.0	80.0	82.2	81.2	82.2	81.1	119.0
.080	69.7	69.9	68.3	70.6	69.7	71.4	70.8	73.5	71.6	75.4	72.9	73.7	74.3	74.7	75.8	76.9	79.5	79.2	80.5	78.9	116.1
.100	70.8	71.6	70.6	70.6	69.3	70.6	69.7	71.7	68.9	73.7	71.9	73.1	74.0	75.2	75.5	78.0	79.9	78.7	80.7	78.[illegible]	[illegible]6
.125	71.8	72.2	73.5	72.1	71.3	68.9	70.0	72.4	71.0	73.7	73.8	74.8	74.3	75.6	77.0	79.1	80.9	79.1	80.4	78.[illegible]	[illegible]8.7
.160	72.9	73.4	72.8	71.0	72.1	70.9	71.2	72.3	71.5	73.9	75.5	76.7	77.0	77.9	79.1	81.4	83.5	82.7	83.0	77.[illegible]	120.5
.200	74.3	74.0	72.2	70.4	71.7	72.2	72.2	72.5	72.1	74.3	76.4	76.5	78.3	79.2	79.8	83.6	85.1	85.6	86.3	78.[illegible]	120.5
.250	75.1	75.1	74.1	71.7	70.9	70.1	71.3	72.4	72.0	75.6	77.0	78.2	78.6	80.0	81.1	83.3	84.9	85.3	85.7	79.8	120.5
.315	74.1	74.1	73.2	72.8	72.4	72.2	72.3	71.6	71.4	75.9	78.5	79.6	80.4	81.5	82.3	84.6	85.4	86.9	89.1	82.7	122.0
.400	71.8	71.8	71.8	70.4	70.0	69.8	70.3	70.4	71.0	75.0	79.1	80.2	81.3	82.2	82.9	85.1	85.3	86.7	90.6	83.2	122.5
.500	70.3	72.6	73.0	70.3	69.3	69.0	69.1	69.8	71.4	74.3	78.6	79.6	80.6	81.7	82.7	84.4	85.2	87.2	91.8	85.2	122.7
.630	71.5	72.9	72.2	69.2	68.1	67.8	69.2	69.8	71.2	74.5	77.9	79.2	79.9	81.2	82.3	83.7	85.3	88.1	90.8	84.7	122.4
.800	69.8	70.4	69.8	67.6	66.6	66.6	67.4	68.1	69.4	72.8	76.5	77.9	79.2	80.3	81.2	82.5	84.3	87.1	88.1	82.9	121.0
1.00	68.8	69.1	68.7	66.4	65.7	65.3	65.9	67.4	69.1	72.1	76.4	77.6	78.4	79.2	80.4	81.3	82.7	85.8	87.2	82.3	120.0
1.25	69.2	68.6	67.9	65.4	64.6	64.3	64.6	66.5	67.9	70.9	75.0	76.6	77.8	78.4	79.3	80.2	81.9	85.0	86.6	81.4	119.2
1.60	66.7	67.3	66.7	64.1	63.1	63.0	63.4	64.9	66.5	70.1	74.0	75.7	77.2	77.5	78.2	79.3	81.2	84.3	86.0	81.1	118.5
2.00	65.1	65.7	64.9	62.8	61.9	61.5	62.0	64.1	65.2	68.9	72.7	74.4	75.4	76.2	77.1	78.5	81.1	84.1	85.5	80.1	118.0
2.50	70.1	69.6	67.6	65.9	65.9	64.4	64.1	64.7	65.4	68.2	71.4	73.1	74.7	75.9	76.4	77.9	80.5	83.4	85.3	81.1	117.7
3.15	63.0	63.4	62.6	60.1	59.2	58.5	58.6	60.3	61.9	65.4	69.4	71.2	73.0	74.3	74.7	76.5	78.8	81.6	83.1	78.3	115.9
4.00	61.6	62.6	61.7	58.3	57.5	56.7	57.0	58.4	60.2	63.4	67.5	69.1	71.3	72.7	73.3	75.4	78.0	80.3	81.7	77.0	115.0
5.00	65.0	65.7	63.0	59.8	59.4	58.4	58.0	58.8	60.1	63.1	66.8	68.2	70.1	71.9	72.7	75.4	78.2	81.3	82.1	77.6	115.5
6.30	59.0	59.9	58.9	56.9	57.6	57.6	57.9	59.7	61.0	64.3	67.6	69.0	70.8	72.6	73.8	77.5	82.0	85.1	85.4	77.8	119.1
8.00	59.9	60.5	58.3	55.5	55.4	55.0	55.5	57.2	59.0	62.5	65.7	66.7	68.5	70.3	72.0	76.0	80.0	81.5	81.7	74.7	117.1
10.0	56.5	57.3	56.4	53.7	53.5	3.5	53.8	56.6	59.0	63.5	66.6	68.0	69.2	70.5	72.1	75.6	78.1	76.9	75.9	70.7	115.9
12.5	54.6	55.4	55.5	3.6	3.8	3.6	53.2	56.6	58.7	62.6	65.4	67.1	69.1	69.9	71.8	75.9	78.2	76.7	75.1	68.6	117.7
16.0	4.5	2.7	54.5	3.8	3.9	3.7	3.4	54.4	56.8	60.3	63.1	63.5	65.2	66.6	68.3	72.5	75.1	72.7	70.2	64.2	116.6
20.0	6.6	5.1	57.5	5.6	5.9	5.9	6.0	55.6	56.8	59.5	61.3	61.8	62.0	64.4	66.4	70.3	73.0	69.3	67.8	62.4	118.5
																				OAPWL =	133.5
TSPL	84.7	84.8	84.3	83.3	82.9	82.9	82.9	84.3	83.6	86.9	88.8	89.9	90.9	91.9	92.8	94.8	96.5	98.1	100.1	94.6	
OSPL	84.7	84.8	84.3	83.3	82.9	82.9	82.9	84.2	83.6	86.8	88.7	89.9	90.9	91.8	92.7	94.7	96.4	98.0	100.0	94.6	
PNLT	95.9	95.6	94.0	92.3	92.3	92.3	91.2	91.0	92.3	94.9	97.8	99.3	100.6	101.8	102.6	104.5	106.9	109.8	111.2	105.6	
PNL	93.8	94.0	92.7	90.8	90.5	89.6	89.9	91.0	91.6	94.9	97.8	99.3	100.6	101.8	102.6	104.5	106.9	109.2	110.6	105.6	

ALTITUDE = 150. FT SIDELINE

CONDITION = 6467

OSPL	69.1	74.7	77.2	79.0	80.5	81.7	83.7	83.4	86.0	88.6	89.6	90.3	90.9	91.5	92.3	92.4	91.6	90.2	78.4	
PNL	75.7	82.1	84.1	86.2	87.0	88.5	90.4	91.4	94.9	97.7	98.9	100.0	100.8	101.2	101.9	102.5	102.2	100.0	87.4	
PNLT	77.5	83.4	85.6	88.0	89.8	89.8	90.4	92.1	94.9	97.7	98.9	100.0	100.8	101.2	101.9	102.5	102.9	100.6	87.4	

ALTITUDE = 200. FT SIDELINE

CONDITION = 6467

OSPL	66.4	72.2	74.6	76.5	78.0	79.1	81.2	80.9	84.3	86.0	87.0	87.7	88.4	88.9	89.7	89.7	89.0	87.5	75.6	
PNL	72.3	79.0	81.1	83.4	84.2	85.7	87.6	88.7	92.1	95.0	96.2	97.3	98.1	98.4	99.1	100.2	99.9	97.6	83.8	
PNLT	74.1	80.3	82.6	85.2	86.7	87.0	87.6	89.4	92.1	95.0	96.2	97.3	98.1	98.4	99.1	100.2	99.9	97.6	83.8	

Point No. C(a)-8

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-306
DATE = 01/15/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 6355
CORRECTED RPM = 6540

INLET TEMP = 30.00 F
TIME OF DAY = 1557
BARH. PRESSURE = 29.87 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.6	71.1	74.0	72.3	75.1	72.7	72.0	73.0	71.2	73.5	74.2	77.1	75.5	78.0	77.0	79.9	81.1	80.8	81.5	81.9	117.6
.063	76.9	75.9	76.7	76.5	76.7	76.1	75.1	76.6	75.6	76.8	75.9	77.3	77.4	79.5	78.4	81.4	81.5	82.0	82.0	81.6	119.3
.080	70.8	71.1	70.7	69.6	72.2	71.8	69.6	72.1	72.2	74.0	73.9	76.6	75.1	77.3	75.7	78.1	79.0	80.3	80.2	78.4	116.4
.100	71.4	71.9	71.6	69.6	71.0	70.1	68.7	69.6	69.0	71.9	72.7	75.3	74.9	77.1	76.2	79.5	79.5	79.4	80.6	78.8	116.2
.125	72.0	72.1	73.6	71.6	71.7	68.7	69.5	71.6	70.8	72.9	74.2	75.5	74.6	76.8	77.2	80.0	80.2	79.5	80.0	78.3	116.7
.160	73.0	73.6	72.7	71.3	72.3	71.1	71.1	71.5	71.5	73.1	76.1	77.9	77.7	79.0	79.5	82.6	83.9	82.8	83.0	77.9	119.2
.200	74.5	74.2	72.6	70.6	71.8	72.3	72.3	72.3	72.6	74.1	76.5	77.8	79.1	80.2	80.7	84.7	85.9	86.2	86.2	78.5	121.1
.250	75.5	75.2	74.3	71.7	71.3	70.3	71.4	72.4	72.3	75.1	77.8	79.3	79.1	80.7	81.7	84.8	85.2	85.8	85.3	80.0	121.1
.315	74.4	74.3	73.8	73.8	73.2	72.5	72.5	71.7	71.6	75.9	79.2	80.7	81.3	82.3	83.0	85.7	86.3	87.1	89.4	82.6	122.7
.400	72.2	72.2	71.9	70.8	70.4	70.5	70.8	70.8	71.6	75.4	80.0	81.7	82.6	84.0	84.2	86.8	86.5	87.6	90.5	83.6	123.4
.500	70.6	72.9	72.5	70.2	69.5	69.5	69.3	69.9	71.7	74.5	79.2	80.9	81.1	82.7	83.2	85.6	86.6	88.6	92.0	85.4	123.5
.630	71.8	72.8	72.2	69.1	68.5	66.1	69.1	70.1	71.3	74.6	78.5	80.4	80.6	82.2	82.8	84.5	86.1	88.8	90.4	85.6	122.9
.800	69.9	70.6	69.8	67.5	66.9	66.7	67.4	68.2	69.5	72.6	77.0	78.8	79.8	80.9	81.7	83.2	84.9	87.8	88.1	83.8	121.5
1.00	69.3	69.4	68.6	66.4	66.0	65.5	66.1	67.4	69.3	71.8	76.6	78.4	79.1	79.8	80.6	81.7	83.4	86.4	86.9	83.0	120.3
1.25	69.4	69.4	67.8	65.2	64.7	64.4	64.7	66.4	68.0	71.0	75.3	77.4	78.1	79.0	79.3	80.5	82.6	85.7	86.3	82.0	119.5
1.60	66.8	67.8	66.4	63.9	63.3	63.0	63.4	64.9	66.6	69.9	74.1	76.6	77.4	78.0	78.3	79.8	81.9	85.1	85.8	81.9	118.9
2.00	65.2	66.1	64.7	62.7	62.1	61.6	62.0	63.8	65.4	68.5	72.7	75.0	75.8	76.7	77.3	79.0	81.9	84.8	85.1	80.6	118.3
2.50	69.8	71.6	67.7	65.7	66.4	65.2	63.9	64.2	65.4	68.0	71.5	73.7	75.1	76.3	76.5	78.3	81.3	84.1	85.2	81.7	118.1
3.15	63.1	64.0	62.4	60.0	59.3	58.7	58.7	60.2	61.9	64.9	69.5	72.0	73.4	74.6	74.8	76.7	79.6	81.9	82.8	78.7	116.1
4.00	61.9	62.9	61.2	58.2	57.4	56.9	56.9	58.3	60.3	62.9	67.6	69.9	71.7	73.1	73.6	75.7	78.6	80.7	81.2	77.3	115.2
5.00	65.0	66.3	63.0	59.6	59.1	58.9	57.7	58.7	60.3	62.7	66.9	68.8	70.5	72.1	72.8	75.5	78.7	81.6	81.6	77.9	115.6
6.30	58.6	69.4	58.5	56.7	57.2	57.4	57.6	59.0	61.0	63.8	67.7	69.6	71.0	72.9	73.6	77.4	82.1	85.4	83.9	77.9	118.9
8.00	59.6	61.2	58.0	55.6	55.3	55.5	55.3	57.1	59.1	61.8	65.5	67.4	68.6	70.6	72.0	75.9	80.6	82.7	81.6	75.4	117.6
10.0	56.4	57.9	56.1	53.8	3.7	3.5	53.6	56.8	59.4	63.3	66.7	68.9	69.6	71.1	72.4	76.0	79.3	77.0	75.7	71.0	116.5
12.5	54.7	56.1	55.3	53.2	3.8	3.6	53.5	57.1	59.2	62.7	65.8	68.3	69.8	71.0	72.2	76.8	79.7	77.2	74.8	69.0	118.6
16.0	4.5	52.8	54.7	3.8	3.9	3.7	3.4	54.8	57.3	60.2	63.2	64.5	65.4	67.3	68.4	73.2	76.3	72.8	69.8	64.2	117.3
20.0	6.6	5.1	57.5	5.6	5.9	5.9	6.0	55.5	57.1	59.7	61.4	62.5	62.3	65.1	66.5	71.0	74.4	69.4	67.8	62.1	119.3
																			OAPWL =		134.0
TSPL	85.1	85.1	84.8	83.3	83.8	83.0	82.7	83.6	83.7	86.3	89.3	91.1	91.5	92.9	93.3	95.8	97.1	98.2	99.9	95.0	
OSPL	85.1	85.1	84.8	83.3	83.8	83.0	82.7	83.6	83.7	86.2	89.2	91.1	91.5	92.9	93.2	95.7	97.0	98.7	99.9	95.0	
PNLT	95.8	97.1	94.2	92.2	93.5	92.8	90.9	91.3	92.4	95.0	98.1	100.2	101.1	102.4	102.8	105.1	107.4	110.3	110.4	106.1	
PNL	93.9	94.9	92.8	90.7	90.8	90.0	89.8	90.6	91.7	94.5	98.1	100.2	101.1	102.4	102.8	105.1	107.4	109.7	110.4	106.1	

CONDITION = 6540 ALTITUDE = 150. FT SIDELINE

OSPL		69.4	75.3	77.2	79.9	80.6	81.4	83.1	83.6	86.2	89.1	90.8	90.9	92.0	92.0	93.3	93.6	92.3	90.1	78.8	
PNL		76.7	82.2	84.0	86.5	87.4	88.4	90.0	91.6	94.5	98.0	99.9	100.5	101.5	101.5	102.6	103.2	102.9	99.8	87.8	
PNLT		78.9	83.6	85.4	89.2	90.2	89.6	90.7	92.2	95.0	98.0	99.9	100.5	101.5	101.5	102.6	103.2	103.4	99.8	87.8	

CONDITION = 6540 ALTITUDE = 200. FT SIDELINE

OSPL		66.7	72.7	74.6	77.4	78.1	78.9	80.5	81.0	83.7	86.5	88.2	88.4	89.4	89.4	90.7	90.3	89.6	87.4	76.0	
PNL		73.2	79.1	81.0	83.7	84.6	85.6	87.3	88.8	91.8	95.2	97.1	97.8	98.8	98.7	99.8	100.3	99.9	96.7	84.3	
PNLT		75.5	80.5	82.5	86.1	87.2	86.8	87.9	89.4	92.3	95.2	97.1	97.8	98.8	98.7	99.8	100.3	100.5	96.7	84.3	

Point No. C(b)-9

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/17/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 3182
CORRECTED RPM = 3350

INLET TEMP = 8.00 F
TIME OF DAY = 1856
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	66.8	66.6	65.7	63.6	64.8	63.2	62.6	61.4	62.2	59.6	61.7	61.0	64.1	63.3	65.8	66.0	68.1	67.3	67.7	70.2	105.3
.063	70.5	66.0	69.0	67.3	67.5	66.6	65.7	66.0	66.7	66.2	62.7	65.1	67.0	66.8	67.6	68.6	70.0	69.4	70.3	70.9	108.3
.080	69.9	65.9	68.2	62.7	66.9	63.7	66.7	63.2	65.9	64.0	64.8	63.5	65.0	64.0	65.6	63.9	68.6	66.6	69.0	70.7	106.7
.100	72.1	70.9	69.8	66.6	68.3	63.2	68.3	62.4	67.7	64.8	66.3	63.0	66.3	63.6	67.4	65.8	68.7	67.1	69.6	70.1	107.9
.125	72.1	67.9	72.2	66.6	69.5	62.7	68.4	65.6	69.8	67.9	71.0	69.0	68.4	65.7	72.2	69.3	70.8	70.1	72.1	67.1	110.3
.160	67.6	67.5	68.3	63.7	67.1	62.3	66.7	61.4	67.5	62.0	68.5	63.6	68.3	64.9	69.9	68.8	71.8	71.8	75.2	61.0	109.1
.200	67.3	65.2	65.9	63.7	64.6	63.7	65.0	63.8	65.7	64.1	66.1	64.7	67.2	66.5	68.9	69.0	72.3	74.7	75.6	61.6	109.3
.250	69.4	66.2	71.2	67.2	67.7	63.7	66.5	68.0	68.7	69.3	70.8	71.2	67.9	67.7	72.5	71.3	72.8	73.7	76.5	68.2	111.3
.315	66.1	64.1	65.7	63.4	65.0	63.6	64.7	63.4	64.6	64.9	67.2	67.3	68.4	67.6	69.8	70.8	74.2	75.8	78.2	71.1	110.7
.400	66.3	64.5	67.7	64.9	64.6	61.7	63.8	64.2	64.6	66.0	67.5	68.4	67.8	68.2	69.8	71.4	73.8	75.5	80.7	74.0	111.5
.500	62.7	62.5	64.9	62.6	62.6	60.5	61.1	62.6	63.7	64.3	66.0	67.1	66.7	67.4	68.9	70.9	73.6	77.7	80.2	73.8	111.3
.630	64.0	63.5	64.9	63.2	63.2	61.4	60.8	62.6	63.5	63.9	65.1	66.0	65.8	66.5	68.0	69.7	72.3	75.0	78.3	71.1	109.7
.800	62.3	62.5	62.9	61.9	61.8	60.4	58.9	59.9	60.5	60.7	62.3	64.0	64.7	65.7	66.0	68.6	70.9	73.0	74.6	70.1	107.6
1.00	64.3	65.9	66.1	64.7	65.0	64.6	62.3	60.0	61.1	60.3	61.9	63.4	65.0	65.6	65.5	67.6	69.1	72.4	73.2	69.5	107.3
1.25	71.3	71.9	72.6	69.6	70.3	67.3	67.3	62.2	63.2	61.0	61.4	62.7	63.3	63.4	64.5	66.4	68.1	71.8	72.3	67.8	108.6
1.60	78.5	77.3	79.3	77.2	79.2	74.9	75.3	68.5	69.9	64.4	63.1	63.2	63.7	63.7	63.9	66.1	67.5	71.6	72.4	66.9	114.2
2.00	68.1	68.0	67.3	66.0	66.6	64.4	62.1	60.7	58.5	58.3	58.9	60.6	61.0	61.4	63.1	66.2	68.0	71.7	72.9	66.2	106.8
2.50	70.3	69.7	69.0	66.6	65.9	63.0	60.0	59.7	58.5	59.7	59.8	61.6	62.4	64.1	65.0	68.7	73.3	79.4	77.0	72.5	111.1
3.15	74.6	73.9	73.9	72.7	72.6	66.5	63.6	60.7	58.8	58.3	58.8	59.6	60.0	61.1	62.1	65.8	69.9	75.5	73.5	68.4	110.3
4.00	74.1	74.8	74.4	76.0	77.4	71.2	68.9	65.3	62.1	59.4	59.1	59.5	60.4	60.9	61.6	65.3	69.0	73.7	71.6	67.3	112.4
5.00	73.1	74.3	74.4	74.2	73.7	72.3	71.2	69.1	64.1	61.2	60.3	60.5	60.8	62.1	63.2	68.3	71.7	76.7	73.8	69.3	112.9
6.30	73.7	76.7	75.3	74.5	74.3	72.9	70.2	68.0	65.1	61.1	58.7	59.2	59.4	60.6	62.7	69.1	68.9	70.7	68.5	64.5	112.7
8.00	73.0	75.4	75.2	73.3	74.7	71.8	69.7	68.4	64.9	62.6	62.3	64.0	65.0	65.9	68.2	75.0	73.2	71.9	69.9	64.0	114.6
10.0	71.1	72.2	72.5	71.4	72.3	70.4	68.6	67.2	63.7	63.2	63.6	66.2	67.2	68.0	70.2	76.5	75.6	73.5	71.0	63.6	116.0
12.5	67.5	69.4	69.8	68.6	69.1	66.6	65.2	63.8	60.4	56.9	56.0	56.9	58.1	58.4	61.2	68.7	67.6	65.8	62.8	55.9	112.2
16.0	62.4	63.6	64.3	63.6	63.5	61.1	61.4	59.7	60.0	59.1	56.4	56.7	57.6	57.9	59.1	64.5	64.2	61.7	59.6	57.1	110.7
20.0	57.0	57.4	58.4	57.7	57.2	55.4	55.7	53.4	53.1	52.5	51.1	52.0	49.9	50.9	54.0	56.8	56.4	52.7	53.6	50.5	108.3
																			DAPHL =		125.3
TSPL	85.3	85.2	85.8	84.3	85.3	82.0	81.6	79.0	79.3	77.7	79.1	79.0	79.5	79.2	81.7	83.9	85.5	87.8	88.8	83.3	
OSPL	85.2	85.0	85.7	84.2	85.2	81.8	81.4	78.8	79.1	77.6	79.0	78.9	79.4	79.2	81.6	83.7	85.3	87.7	88.8	83.3	
PNLT	100.8	100.3	101.2	100.8	102.3	97.4	97.0	93.6	92.7	88.8	88.2	89.1	88.9	90.1	91.7	95.5	98.6	103.0	101.6	96.8	
PNL	97.8	97.9	98.1	97.7	98.7	94.3	93.5	91.3	89.7	87.2	87.5	88.2	88.9	89.5	91.1	94.9	97.1	101.1	100.3	95.1	

CONDITION = 3350 ALTITUDE = 150. FT SIDELINE

	0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	
OSPL		66.3	74.9	77.1	80.8	79.1	80.0	78.2	79.0	77.6	78.9	78.6	78.9	78.2	80.3	81.0	81.1	81.1	79.0	67.0	
PNL		78.2	87.2	90.6	94.2	91.7	92.1	90.6	89.6	87.2	87.3	87.9	88.3	88.6	89.8	92.1	92.8	94.3	89.6	76.6	
PNLT		80.7	90.4	93.7	97.8	94.7	95.6	93.0	92.6	88.8	88.0	88.8	88.3	89.1	90.3	92.7	94.2	96.2	91.0	78.3	

CONDITION = 3350 ALTITUDE = 200. FT SIDELINE

	0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	
OSPL		63.0	71.8	74.1	77.6	76.2	77.2	75.3	76.4	75.0	76.3	76.0	76.2	75.6	77.6	78.0	78.3	78.3	76.3	64.2	
PNL		74.5	84.0	87.4	91.2	88.7	89.3	87.7	86.8	84.3	84.5	85.1	85.5	85.8	86.9	88.9	89.8	91.3	86.5	72.9	
PNLT		77.0	87.2	90.5	94.8	91.7	92.8	90.1	89.8	85.9	85.2	86.0	85.5	86.3	87.5	89.5	91.3	93.2	87.9	74.7	

Point No. C(b)-10

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/17/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 3968
CORRECTED RPM = 4178

INLET TEMP = 8.00 F
TIME OF DAY = 1912
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	67.0	60.7	65.5	64.1	64.4	63.9	62.7	62.4	62.2	61.4	62.2	63.5	65.0	66.0	66.9	68.6	70.3	70.3	71.1	71.7	107.0
.063	69.1	66.7	67.4	68.1	66.4	67.1	65.0	66.9	66.2	66.3	62.0	66.2	66.5	68.4	68.3	71.5	71.6	72.2	71.9	72.2	109.3
.080	65.6	62.7	64.0	63.8	64.6	64.9	64.1	63.7	64.3	64.3	64.5	65.0	65.9	65.8	66.1	66.4	68.5	70.0	70.4	71.6	106.9
.100	65.2	63.6	65.1	63.2	63.0	64.0	63.3	62.6	62.8	63.6	63.4	63.8	64.1	64.8	65.3	67.6	69.4	69.6	70.4	71.9	106.6
.125	68.9	67.1	70.9	68.3	65.1	63.7	64.1	67.0	67.3	68.8	70.3	71.4	67.1	68.1	71.4	72.1	74.8	74.7	74.5	72.1	111.2
.160	68.2	66.4	65.0	62.7	63.5	63.6	63.6	64.0	64.3	64.4	66.0	66.9	67.7	68.2	69.3	72.3	73.9	74.6	76.6	63.0	110.1
.200	67.4	67.3	65.7	63.4	63.5	63.8	64.9	64.5	65.1	65.8	66.6	67.7	68.3	69.6	70.0	72.7	74.8	77.4	79.4	61.3	111.6
.250	70.3	69.3	71.0	68.4	67.4	65.4	66.4	68.6	68.3	70.3	71.3	72.5	69.9	70.9	73.7	73.7	75.2	76.9	78.9	68.1	113.0
.315	67.4	67.2	68.4	66.6	66.2	65.8	65.7	66.1	65.2	67.5	69.0	70.5	71.2	71.3	72.5	74.2	76.8	79.0	81.5	71.7	113.6
.400	68.0	67.2	68.5	67.1	65.6	64.8	65.4	66.2	66.5	68.4	70.1	72.1	71.8	72.1	73.0	75.0	77.4	80.0	85.0	74.2	115.2
.500	65.3	66.9	67.0	65.2	64.5	63.8	63.5	64.9	65.7	66.8	69.3	70.5	70.8	71.6	73.0	75.0	77.4	81.0	85.0	75.4	115.2
.630	66.3	66.8	66.9	65.9	65.4	64.1	63.3	65.0	66.0	66.6	68.2	69.2	69.8	70.7	71.8	73.6	76.6	80.7	82.7	75.3	114.0
.800	64.7	65.2	64.6	64.5	64.2	63.0	61.4	62.2	63.1	64.0	66.5	68.4	69.1	70.1	70.3	72.4	75.1	78.5	79.5	73.7	112.0
1.00	66.5	67.3	66.8	66.0	66.1	66.6	63.8	62.5	63.3	63.2	65.3	67.3	68.6	69.0	69.6	71.0	73.1	77.2	78.0	73.2	111.0
1.25	69.7	69.9	68.9	67.2	66.3	65.7	64.7	61.3	62.5	62.6	63.9	66.2	67.9	67.9	68.7	69.8	72.2	76.3	77.3	71.1	110.4
1.60	75.1	73.6	73.2	73.0	72.6	70.8	68.6	66.7	64.8	63.1	63.8	65	67.7	67.2	68.1	70.0	72.4	75.8	77.2	71.4	111.9
2.00	82.1	80.1	79.8	79.7	79.9	77.6	74.7	73.7	70.8	66.2	63.8	65	66.2	66.2	67.3	68.6	71.5	75.0	76.3	69.2	116.0
2.50	72.5	72.5	70.4	69.9	67.6	65.7	62.3	62.1	59.6	59.4	60.7	62.	65.0	65.2	66.0	68.1	71.3	75.4	75.9	69.1	109.8
3.15	74.7	74.5	73.7	72.5	71.6	67.3	65.5	63.3	62.3	62.3	63.2	63.9	65.7	66.4	68.3	71.0	77.0	82.1	81.1	74.8	116.7
4.00	79.2	79.5	78.4	77.6	78.5	73.6	72.0	68.5	66.2	64.8	65.4	65.9	68.0	69.1	70.8	74.2	80.5	86.3	84.3	77.2	119.2
5.00	78.3	82.1	80.1	79.3	83.4	76.0	74.9	72.9	70.1	65.8	64.7	64.7	65.2	66.7	68.6	74.1	75.5	80.6	79.2	72.6	118.6
6.30	77.2	79.2	77.8	78.6	79.4	78.5	76.8	78.3	74.1	67.1	63.7	63.4	64.1	65.3	66.8	71.2	72.8	74.9	74.4	69.2	118.1
8.00	76.5	77.4	77.3	77.2	77.7	75.8	73.9	73.5	70.7	65.3	64.7	65.8	67.3	68.5	71.0	75.8	75.9	75.1	74.0	67.8	117.6
10.0	74.1	75.7	76.0	75.6	76.8	74.2	72.6	72.1	68.7	65.6	65.7	67.2	68.5	69.7	72.7	77.3	78.0	75.1	73.2	65.9	118.7
12.5	71.7	74.0	73.7	72.9	74.0	71.3	70.0	69.7	67.1	61.4	60.3	61.5	63.2	63.6	66.1	71.8	72.5	70.5	68.3	60.9	116.8
16.0	67.1	68.3	68.7	68.9	69.0	66.9	66.0	64.8	63.7	60.5	58.7	58.9	60.2	60.9	62.7	67.8	68.6	66.0	64.0	58.7	115.0
20.0	62.4	63.3	63.3	63.7	63.4	61.8	61.2	59.0	57.8	54.4	53.5	53.8	53.4	55.0	57.5	62.2	63.2	59.1	58.6	52.4	113.7
																			DAPNL =		128.9
TSPL	88.6	88.5	87.7	87.3	88.5	85.3	83.7	83.5	81.3	79.7	80.4	81.8	82.0	82.7	84.1	86.8	89.2	92.3	93.3	86.1	
OSPL	87.8	88.3	87.5	87.1	88.3	85.1	83.4	83.3	81.0	79.6	80.3	81.7	81.9	82.6	84.0	86.6	89.0	92.3	93.3	86.1	
PNLT	104.0	104.5	103.7	103.0	105.5	101.2	99.7	99.9	97.0	92.3	92.0	93.1	93.2	94.1	96.3	99.3	104.1	108.6	107.8	100.6	
PNL	101.2	102.1	101.0	100.3	102.2	98.2	96.6	96.9	94.2	90.7	91.0	92.1	93.2	94.1	95.6	98.6	102.6	106.8	106.3	99.2	

CONDITION = 4178 ALTITUDE = 150. FT SIDELINE

OSPL		68.6	76.1	79.8	83.6	82.3	81.4	82.6	80.9	79.6	80.2	81.4	81.3	81.7	82.7	83.9	84.7	85.6	83.3	69.3	
PNL		81.7	89.4	93.0	97.7	95.4	95.1	96.3	94.0	90.7	90.9	91.7	92.6	93.1	94.2	95.9	98.2	99.8	95.2	79.7	
PNLT		84.0	92.1	95.8	100.9	98.5	98.2	99.3	96.9	92.3	91.8	92.7	92.6	93.1	94.9	96.6	99.7	101.6	96.7	81.0	

CONDITION = 4178 ALTITUDE = 200. FT SIDELINE

OSPL		64.9	72.8	76.6	80.5	79.3	78.9	79.6	78.0	76.9	77.6	78.8	78.7	79.0	80.0	81.1	81.9	82.8	80.5	66.4	
PNL		77.9	86.0	89.8	94.6	92.3	92.1	93.2	91.0	87.7	88.0	88.9	89.8	90.2	91.3	93.0	95.2	96.7	91.9	75.6	
PNLT		80.3	88.6	92.5	97.8	95.3	95.2	96.2	93.9	89.4	89.0	89.9	89.8	90.2	92.0	93.6	96.7	98.5	93.4	76.9	

Point No. C(b)-11

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/17/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 5005
CORRECTED RPM = 5276

INLET TEMP = 7.00 F
TIME OF DAY = 1921
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	71.3	64.6	70.1	67.1	69.6	68.1	68.7	66.7	69.0	66.3	69.8	68.5	72.0	70.5	72.8	73.6	75.9	74.7	78.3	76.9	112.5
.063	72.2	69.0	71.4	69.6	71.1	69.5	71.5	69.1	72.7	69.3	71.2	69.1	74.1	71.5	74.1	74.6	76.7	75.2	78.6	76.8	113.9
.080	72.7	67.3	72.6	67.1	72.5	69.0	74.2	68.6	74.1	69.5	73.9	70.1	75.5	70.9	74.2	71.6	76.0	73.9	78.4	77.6	114.1
.100	73.2	68.0	74.0	66.6	72.6	68.0	73.7	67.4	73.5	68.4	73.1	68.7	74.8	70.6	74.1	73.1	76.4	72.6	77.8	76.7	113.8
.125	75.4	71.0	75.7	71.2	75.0	68.1	74.6	71.4	74.5	71.1	74.5	72.2	74.4	72.6	75.6	75.3	78.1	76.2	78.8	75.1	115.5
.160	73.6	70.3	72.2	66.3	71.2	68.1	72.5	68.8	72.9	68.9	74.2	71.6	75.8	73.2	76.4	77.4	80.8	78.2	81.7	71.7	116.0
.200	74.8	71.6	73.3	67.2	72.0	69.3	74.6	68.9	74.0	70.5	74.8	72.1	76.4	74.4	77.0	77.7	81.1	80.1	82.6	70.7	116.9
.250	75.2	72.4	74.6	70.2	72.3	68.3	72.9	70.4	73.2	72.7	75.4	74.5	75.8	75.0	77.6	77.6	80.4	80.1	82.4	72.8	116.9
.315	73.0	74.5	72.5	69.3	71.9	69.3	72.7	69.0	72.4	71.4	75.3	74.4	77.2	76.2	78.5	79.5	81.8	80.4	84.6	76.1	117.8
.400	72.3	70.0	72.6	68.8	71.5	67.8	71.7	68.9	71.8	71.6	75.3	75.3	77.0	76.6	78.0	79.7	81.7	81.3	86.2	78.6	118.2
.500	70.4	69.9	71.6	68.0	70.4	67.7	70.1	68.0	71.7	70.8	74.8	74.8	76.4	76.8	78.2	80.4	81.9	82.9	87.0	79.9	118.6
.630	70.7	70.1	70.7	68.5	70.5	69.3	69.3	69.0	70.9	70.9	73.6	74.1	75.8	76.1	77.4	79.5	82.2	82.5	85.4	79.0	118.0
.800	68.7	69.4	68.1	67.7	68.0	69.4	66.8	68.4	68.5	69.3	72.2	73.5	74.7	75.5	76.3	77.7	80.8	81.5	82.2	78.5	116.4
1.00	68.4	69.0	68.7	67.5	68.1	67.9	66.7	65.1	67.3	67.7	71.1	72.2	74.3	74.3	75.4	76.4	78.8	80.3	81.4	77.6	115.2
1.25	69.3	70.3	69.6	67.8	67.2	66.6	65.9	63.7	65.4	66.8	69.4	71.2	73.3	73.3	74.1	75.1	77.3	79.6	81.0	75.1	114.3
1.60	70.3	70.5	70.4	69.3	68.2	66.3	65.9	63.4	64.1	65.6	68.0	70.4	72.2	72.4	73.2	74.4	76.7	79.3	80.2	74.4	113.8
2.00	77.1	76.9	76.1	74.1	72.3	70.5	68.0	68.4	65.7	66.2	68.0	70.2	71.8	72.1	73.3	75.2	77.4	79.5	80.2	75.4	115.0
2.50	81.3	83.2	82.2	79.9	75.7	76.1	72.6	73.2	67.7	66.6	66.1	68.3	69.8	70.9	71.5	73.1	75.5	77.4	78.5	73.0	116.6
3.15	74.4	74.8	74.2	72.7	71.3	68.3	66.1	63.3	61.9	62.1	64.4	66.3	68.0	69.3	70.3	72.2	75.1	76.7	77.4	71.7	112.7
4.00	77.3	78.4	76.5	76.5	76.4	73.8	71.8	70.3	68.1	65.8	66.2	67.6	68.8	70.4	71.6	75.0	79.9	83.1	81.4	76.9	117.5
5.00	82.4	81.8	81.3	81.2	82.2	79.6	78.3	76.9	74.6	70.0	69.1	70.8	71.0	72.5	74.0	78.3	82.8	84.8	83.1	76.6	121.3
6.30	80.4	83.6	81.1	82.7	80.4	79.5	77.6	76.6	76.1	70.3	68.0	68.4	69.6	71.4	73.0	77.5	80.3	80.4	79.2	73.5	120.6
8.00	78.1	79.9	79.1	80.0	80.9	80.1	78.2	78.2	75.1	71.6	68.6	68.8	70.3	71.0	72.9	76.2	77.9	75.1	75.3	70.5	120.6
10.0	77.5	78.9	78.3	78.2	79.5	78.5	77.5	76.5	75.7	71.4	68.2	68.9	70.1	70.9	73.3	77.5	79.7	75.6	74.6	68.7	121.4
12.5	74.4	77.4	76.5	76.4	77.9	75.7	74.7	74.4	73.9	69.6	65.4	66.1	68.2	68.5	70.7	75.3	78.6	73.1	71.8	65.3	121.3
16.0	70.2	71.7	71.3	72.2	72.7	71.5	70.5	69.3	68.3	65.9	62.7	62.5	64.4	65.2	67.2	71.7	75.0	69.2	68.3	61.7	119.4
20.0	65.7	67.0	66.4	67.5	67.2	66.9	66.3	64.1	63.9	61.5	57.2	57.3	58.2	60.0	62.2	66.9	70.1	63.0	63.7	55.7	118.7
																			OAPWL =		132.1
TSPL	90.0	90.1	90.1	89.3	89.5	87.8	87.6	86.0	86.4	83.7	86.1	85.5	88.0	87.3	89.2	90.8	93.6	93.7	95.7	89.9	
OSPL	89.8	89.8	89.8	88.9	89.1	87.4	87.2	85.5	86.1	83.4	86.0	85.4	87.9	87.2	89.1	90.6	93.4	93.7	95.6	89.8	
PNLT	105.4	106.1	105.7	104.4	103.9	102.7	101.6	100.7	98.9	94.4	95.3	96.1	97.6	98.0	99.6	102.3	106.8	108.1	108.1	101.4	
PNL	103.4	103.6	103.3	102.3	102.6	100.4	99.8	98.2	97.6	94.4	95.3	96.1	97.6	98.0	99.6	102.3	105.7	106.8	107.0	101.4	

CONDITION = 5276 ALTITUDE = 150. FT SIDELINE

OSPL		79.4	78.7	81.5	84.5	84.5	85.8	84.9	85.9	83.4	85.9	85.1	87.3	86.3	87.8	88.2	89.2	87.1	85.8	79.5	
PNL		84.6	92.4	94.8	98.1	97.7	98.3	97.6	97.4	94.4	95.2	95.7	97.0	97.1	98.2	99.7	101.3	99.7	95.9	82.1	
PNLT		87.1	94.7	97.0	99.4	100.0	100.2	100.1	98.7	94.4	95.2	95.7	97.0	97.1	98.2	99.7	102.3	101.1	96.9	82.1	

CONDITION = 5276 ALTITUDE = 200. FT SIDELINE

OSPL		66.9	75.5	78.2	81.3	81.4	82.8	81.9	83.1	80.7	83.3	82.5	84.7	83.7	85.1	85.4	86.5	84.3	83.1	70.7	
PNL		81.7	89.1	91.5	94.9	94.7	95.3	94.6	94.4	91.5	92.3	92.9	94.1	94.2	95.3	96.7	98.3	96.6	92.5	78.2	
PNLT		83.2	91.5	93.7	96.3	96.9	97.2	97.1	95.7	91.5	92.3	92.9	94.1	94.2	95.3	96.7	99.3	97.9	93.6	78.2	

Point No. C(b)-12

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/17/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 6335
CORRECTED RPM = 6671

INLET TEMP = 8.00 F
TIME OF DAY = 1946
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0F RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.8	68.2	73.0	71.6	72.5	72.2	71.6	71.6	72.3	72.4	74.2	75.9	77.2	78.3	79.2	81.5	82.5	82.1	82.1	82.1	118.4
.063	73.9	72.2	73.0	73.1	72.1	72.7	72.4	73.1	73.4	73.4	74.2	75.1	77.0	78.9	79.1	82.5	83.0	82.5	81.9	81.6	118.8
.080	72.8	69.3	71.8	70.6	71.3	72.3	72.0	71.8	73.5	73.8	75.0	76.1	76.8	77.3	78.0	79.3	81.2	81.9	81.5	81.8	117.7
.100	72.1	71.0	71.9	69.7	70.5	70.3	70.2	69.7	71.6	72.7	74.4	75.5	76.9	78.5	78.8	81.8	81.6	80.8	80.5	81.7	117.8
.125	74.9	75.6	76.6	73.1	72.2	70.3	72.1	73.3	74.3	75.5	77.6	78.3	78.7	80.5	82.5	84.1	85.5	83.1	82.1	79.2	120.5
.160	76.0	76.1	74.9	71.8	72.8	73.5	73.4	73.7	75.2	76.6	79.6	81.2	81.8	83.2	84.8	87.9	89.3	87.0	85.2	75.2	123.6
.200	77.4	77.0	74.4	72.8	72.4	74.1	74.3	74.0	75.6	78.1	80.0	81.0	82.6	84.1	85.8	89.4	89.8	88.5	87.7	73.8*	124.7
.250	78.9	78.4	76.5	74.4	74.2	73.5	74.2	74.9	75.6	79.9	82.1	83.4	84.4	86.2	87.2	88.8	89.6	88.6	87.6	76.6	125.1
.315	77.7	77.2	75.1	75.5	74.5	75.1	75.5	75.1	75.5	80.5	82.9	84.8	86.2	87.5	88.4	90.7	90.4	90.3	91.0	81.6	126.6
.400	76.5	76.6	75.5	74.5	73.9	74.1	74.6	75.3	75.9	80.2	83.5	84.9	86.4	88.2	89.1	90.9	90.8	90.9	93.8	83.3	127.3
.500	75.6	78.2	76.8	74.7	74.0	74.2	73.8	74.6	77.0	80.2	83.8	85.2	86.4	88.4	89.7	91.3	91.5	92.1	94.5	83.9	127.9
.630	76.8	77.0	75.7	74.5	74.1	73.8	74.4	75.3	78.1	80.2	83.9	85.6	87.0	88.4	89.1	90.8	92.3	93.8	93.7	85.0	128.2
.800	76.1	76.1	74.8	73.5	73.7	73.5	73.5	74.3	76.9	79.6	83.8	85.4	86.4	87.4	88.5	90.4	93.8	92.8	92.9	84.8	128.0
1.00	75.2	75.5	73.7	72.4	72.6	72.5	71.8	72.7	75.8	78.3	82.6	84.5	85.3	86.1	86.8	88.2	90.4	91.4	91.6	83.6	126.1
1.25	74.7	74.9	73.4	71.7	71.2	70.8	70.9	71.2	74.0	76.7	80.5	83.1	83.9	85.0	85.7	87.6	89.0	90.4	90.7	82.3	125.1
1.60	73.2	73.6	72.6	72.1	71.1	70.2	70.2	70.4	72.8	75.7	79.4	81.9	82.7	84.1	84.7	86.9	88.1	89.9	89.8	81.2	124.3
2.00	74.0	74.3	73.7	72.8	72.9	71.5	69.9	71.3	71.9	74.5	77.9	80.4	81.2	82.7	83.6	85.8	87.9	89.2	89.5	80.6	123.7
2.50	77.3	77.7	76.4	75.6	75.3	74.1	70.9	72.0	71.1	73.3	76.6	78.7	80.2	81.8	82.5	84.9	86.9	88.5	88.6	80.2	123.1
3.15	82.9	85.0	82.8	81.4	81.4	78.5	76.0	73.7	71.5	73.2	75.7	77.4	78.6	80.4	81.3	83.9	85.9	87.1	87.3	78.6	123.1
4.00	78.7	79.2	78.1	77.6	77.1	74.6	72.5	72.0	70.9	71.0	73.6	75.6	77.3	79.0	80.4	82.8	85.3	86.3	86.2	77.5	121.8
5.00	80.8	82.2	81.3	80.6	80.2	78.4	77.0	76.5	75.5	72.4	73.1	74.8	76.2	78.1	79.7	82.4	85.0	86.6	86.1	77.6	122.7
6.30	84.0	85.3	83.8	84.6	83.5	82.8	81.8	80.2	80.0	74.4	73.7	75.0	76.4	78.2	79.7	83.4	87.2	89.4	88.3	78.0	125.9
8.00	81.5	83.2	82.7	81.8	82.2	80.9	79.3	78.6	76.0	74.1	72.0	73.1	74.7	76.4	78.2	81.4	84.6	86.5	85.8	75.0	124.4
10.0	79.9	81.8	81.8	81.0	81.9	80.3	78.8	78.0	76.4	74.4	72.2	73.7	74.6	75.8	78.0	81.1	84.3	83.2	81.2	71.7	124.7
12.5	77.6	80.3	79.7	79.0	79.9	78.0	76.7	76.8	76.1	73.3	69.6	71.3	73.0	73.8	75.8	79.3	82.3	81.6	79.3	68.6	124.8
16.0	73.9	75.2	75.0	75.1	74.9	73.7	72.3	71.5	71.0	69.7	65.9	66.6	68.1	69.5	71.5	75.0	77.9	76.8	74.8	67.6	122.6
20.0	69.7	70.6	70.4	71.7	70.1	69.2	68.4	66.5	66.7	65.7	61.5	62.7	63.5	66.0	67.9	71.7	74.7	71.9	71.1	61.0	122.1
																			OAPWL =		138.9
TSPL	92.2	93.2	92.1	91.4	91.3	90.2	89.2	88.9	89.3	90.8	93.6	95.3	96.5	97.9	98.9	101.1	102.4	102.8	103.2	94.9	
OSPL	91.9	92.9	91.8	91.0	90.8	89.8	88.9	88.5	89.0	90.7	93.6	95.3	96.4	97.9	98.9	101.0	102.4	102.8	103.2	94.9	
PNLT	107.1	108.9	107.1	106.2	105.7	104.5	103.5	101.4	102.2	100.7	103.1	104.9	106.2	107.8	108.8	111.1	113.0	113.9	114.0	105.4	
PNL	105.5	106.7	105.2	104.6	104.0	103.1	102.1	101.4	101.5	100.7	103.1	104.9	106.2	107.8	108.8	111.1	113.0	113.9	114.0	105.4	

CONDITION = 6671 ALTITUDE = 150. FT SIDELINE

OSPL	73.9	80.4	83.7	86.1	87.0	87.4	87.9	88.9	90.7	93.5	95.0	95.9	97.0	97.6	98.6	98.4	96.4	93.3	78.6	
PNL	87.4	94.1	97.1	99.5	100.3	100.6	100.7	101.3	100.7	103.0	104.6	105.6	106.8	107.4	108.6	108.7	107.2	103.3	87.1	
PNLT	89.7	96.0	98.7	101.5	101.7	102.0	100.7	102.0	100.7	103.0	104.6	105.6	106.8	107.4	108.6	108.7	107.7	103.3	87.1	

CONDITION = 6671 ALTITUDE = 200. FT SIDELINE

OSPL	76.7	77.1	80.4	83.0	84.0	84.4	85.0	86.2	88.1	90.9	92.4	93.3	94.4	95.0	96.0	95.7	93.6	90.5	75.9	
PNL	83.4	90.7	94.0	96.5	97.2	97.6	97.7	98.4	97.9	100.2	101.9	102.9	104.1	104.6	105.8	105.9	104.2	100.2	83.5	
PNLT	85.7	92.6	95.6	98.3	98.6	99.0	97.7	99.1	97.9	100.2	101.9	102.9	104.1	104.6	105.8	105.9	104.7	100.2	83.5	

Point No. C(b)-13

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/17/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6728
CORRECTED RPM = 7092

INLET TEMP = 7.00 F
TIME OF DAY = 1950
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.8	72.9	73.8	76.6	73.6	77.0	71.8	76.9	73.8	78.2	75.6	79.8	78.5	81.4	80.8	84.2	84.4	84.3	86.5	83.9	121.1
.063	74.2	77.5	73.4	79.3	72.8	80.4	73.7	81.1	74.8	81.5	75.4	81.2	78.6	83.3	80.8	85.9	85.2	85.9	85.8	83.8	122.5
.080	72.5	77.5	70.8	79.0	71.4	80.2	72.0	80.4	74.2	81.0	75.9	81.2	78.1	82.1	79.6	82.9	83.2	84.3	84.9	83.3	121.3
.100	72.5	78.0	72.1	76.4	71.3	76.7	70.9	76.8	72.1	78.2	76.2	79.3	79.1	81.3	81.0	84.6	83.3	83.3	83.3	81.9	120.6
.125	75.1	79.6	76.1	79.6	73.9	79.4	73.6	80.9	75.4	82.1	79.7	83.3	81.1	84.3	85.0	86.8	87.7	85.7	84.2	80.2	123.6
.160	77.1	81.4	76.0	79.7	74.7	80.2	74.6	79.8	76.4	81.5	81.7	84.3	84.3	86.2	87.6	90.2	91.3	88.8	86.4	78.9	126.0
.200	78.4	80.8	75.7	78.9	73.8	79.4	75.6	79.4	77.2	82.3	82.0	84.3	84.5	86.9	88.4	92.1	91.2	90.3	87.6	79.6	128.9
.250	79.9	80.9	77.1	78.6	75.4	78.4	75.5	78.2	76.8	82.6	84.0	85.9	86.3	88.6	89.8	91.2	90.9	90.4	87.7	80.3	127.1
.315	79.2	80.2	77.2	79.5	76.8	79.0	76.4	78.4	77.3	83.4	85.0	87.1	88.1	89.9	90.9	92.9	92.1	91.8	91.2	82.4	128.5
.400	77.8	79.1	77.1	78.0	75.9	78.0	76.4	78.0	77.8	82.9	85.5	87.3	88.5	90.5	91.5	93.0	92.6	92.2	93.2	83.8	129.0
.500	77.2	80.6	78.3	77.5	76.0	77.3	75.9	77.2	79.2	82.8	86.2	87.7	88.7	90.7	92.4	93.6	93.3	93.7	94.2	85.2	129.7
.630	78.0	78.9	77.0	76.3	75.9	76.1	76.1	77.1	79.4	82.6	85.8	87.8	89.0	90.2	91.6	92.6	94.0	95.1	93.4	85.6	129.7
.800	77.9	78.1	77.0	75.6	75.5	75.2	75.5	76.1	78.8	81.6	86.0	87.4	88.6	89.7	90.9	92.6	95.7	94.4	92.5	85.8	129.8
1.00	76.8	76.9	75.6	74.1	74.4	73.8	74.1	74.6	78.0	80.9	85.2	87.1	87.6	88.5	89.5	90.9	93.4	93.4	91.9	85.0	128.4
1.25	75.9	75.9	74.1	72.7	72.8	72.1	72.5	73.0	76.0	79.0	83.1	85.3	86.0	87.3	88.1	90.1	92.0	92.3	90.5	83.4	127.1
1.60	73.7	74.1	73.0	72.2	72.0	70.9	71.5	72.0	74.6	77.9	81.9	84.3	85.1	86.2	87.2	89.2	91.1	91.5	89.5	82.7	126.3
2.00	74.9	75.1	74.7	73.6	73.2	71.3	70.7	72.4	73.8	76.7	80.3	82.7	83.6	84.8	86.0	88.0	90.6	90.7	89.1	82.0	125.5
2.50	77.4	77.7	76.5	75.9	75.5	73.5	72.0	73.3	73.2	75.6	78.8	81.1	82.5	84.0	85.0	87.2	89.7	90.3	88.9	81.7	125.0
3.15	85.1	81.3	84.6	83.3	85.8	81.0	80.8	76.7	77.6	76.7	77.7	79.8	81.1	82.6	83.9	86.2	88.7	89.0	87.6	80.5	125.4
4.00	77.7	78.9	77.7	77.2	76.7	74.3	73.0	72.0	72.0	72.9	75.8	77.8	79.7	81.3	82.8	85.2	87.8	88.1	86.4	79.3	123.6
5.00	81.0	81.9	81.6	81.1	80.6	77.9	76.4	75.5	75.5	73.6	75.2	76.9	78.5	80.4	81.9	84.6	87.1	88.1	86.3	79.1	124.0
6.30	83.3	84.0	84.1	84.7	85.6	82.6	81.4	79.4	81.1	76.3	75.3	76.3	78.0	79.5	81.4	84.1	87.0	88.2	86.6	78.2	125.8
8.00	81.2	82.0	81.3	80.8	81.3	79.1	77.9	76.4	75.1	74.1	74.(	75.4	77.1	78.7	80.9	84.1	87.6	89.8	88.7	78.4	126.0
10.0	79.3	81.0	80.7	81.1	81.5	79.3	78.6	77.0	76.6	75.1	73.6	75.1	76.2	77.5	79.9	82.3	85.5	84.0	81.9	73.8	125.1
12.5	76.2	79.0	78.3	77.9	78.6	76.5	75.2	74.5	74.6	73.2	72.2	73.8	75.9	76.6	78.8	81.6	85.3	83.3	80.4	70.9	125.7
16.0	72.3	73.7	73.6	73.9	73.6	72.0	70.5	69.5	69.8	69.2	67.8	68.6	70.4	71.9	74.1	76.9	80.3	78.3	76.0	67.3	123.3
20.0	68.1	69.1	69.1	69.3	68.5	67.4	66.0	64.3	65.4	65.2	63.3	64.4	65.5	68.1	70.3	73.4	77.0	73.2	72.3	62.0	123.4
																			OAPWL =		140.6
TSPL	92.7	93.7	92.5	93.1	92.5	92.2	89.9	91.5	90.7	94.1	95.8	97.9	98.6	100.3	101.4	103.4	104.5	104.4	103.3	96.2	
OSPL	92.6	93.5	92.2	92.9	92.3	92.0	89.7	91.4	90.5	94.0	95.7	97.9	98.6	100.3	101.4	103.3	104.4	104.4	103.3	96.2	
PNLT	109.2	107.0	108.8	108.2	109.7	106.6	105.9	103.7	104.6	103.7	105.2	107.4	108.4	110.1	111.2	113.4	115.3	116.2	115.0	107.0	
PNL	106.7	106.0	106.3	105.9	106.5	104.2	103.1	102.4	102.9	103.7	105.2	107.4	108.4	110.1	111.2	113.4	115.3	115.6	114.2	107.0	

CONDITION = 7092 ALTITUDE = 150. FT SIDELINE

OSPL		76.0	81.2	86.0	87.7	89.5	88.3	90.8	90.4	94.0	95.6	97.6	98.0	99.4	100.1	100.9	100.4	98.0	93.3	80.0	
PNL		86.6	95.2	99.0	102.1	101.6	101.7	101.7	102.8	103.7	105.1	107.1	107.9	109.2	109.9	110.9	111.1	108.9	103.6	88.7	
PNLT		87.7	97.7	101.2	105.4	104.0	104.5	103.1	104.4	103.7	105.1	107.1	107.9	109.2	109.9	110.9	111.1	109.5	104.4	88.7	

CONDITION = 7092 ALTITUDE = 200. FT SIDELINE

OSPL		73.1	78.0	83.1	84.7	86.7	85.4	88.1	87.7	91.4	93.0	95.0	95.4	96.8	97.5	98.3	97.8	95.3	90.6	77.2	
PNL		82.8	91.8	95.9	99.1	98.7	98.8	98.8	99.8	101.0	102.4	104.4	105.1	106.4	107.1	108.1	108.2	105.9	100.5	85.1	
PNLT		83.9	94.4	98.2	102.4	101.1	101.6	100.2	101.5	101.0	102.4	104.4	105.1	106.4	107.1	108.1	108.2	106.6	101.0	85.1	

Point No. C(b)-14

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/17/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7074
CORRECTED RPM = 7457

INLET TEMP = 7.00 F
TIME OF DAY = 2013
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	75.2	70.4	74.6	73.6	74.2	73.7	73.8	74.2	74.7	74.7	77.1	78.6	80.1	80.9	82.7	85.2	85.9	84.9	84.7	82.5	121.4
.063	74.4	73.4	73.5	74.3	73.8	74.2	74.0	75.0	75.3	75.9	76.2	77.7	79.9	81.7	82.4	86.4	86.7	86.3	84.9	82.5	122.0
.080	73.3	71.0	71.9	71.9	72.7	73.9	73.1	73.8	75.2	76.6	77.7	78.9	79.9	80.5	81.9	83.7	85.4	86.1	85.0	82.2	121.0
.100	73.1	72.5	72.8	71.9	72.2	72.9	71.9	72.2	73.2	76.2	7743	78.9	80.7	82.1	82.7	86.4	85.3	84.7	84.7	80.9	121.4
.125	76.0	75.6	75.5	74.8	74.7	72.9	74.8	75.6	77.0	78.2	81.8	8107	82.5	84.2	86.1	88.2	89.0	86.0	86.2	79.1	123.9
.160	78.5	78.9	76.2	74.6	75.6	76.3	76.1	76.3	77.9	80.0	83.7	85.1	86.3	86.9	89.3	92.5	93.4	89.4	88.0	76.0	127.5
.200	79.9	80.0	76.6	75.3	75.0	76.7	77.3	76.8	78.7	81.4	83.8	84.3	86.5	87.4	90.5	94.1	93.9	91.4	89.7	74.2	128.6
.250	80.9	80.5	77.6	76.4	76.1	75.9	76.5	76.9	78.5	83.2	86.1	87.1	88.4	89.7	91.6	93.7	93.9	91.9	89.9	76.8	129.0
.315	80.1	79.3	77.0	77.5	76.9	76.8	77.4	77.0	79.0	84.0	87.0	88.1	90.6	91.3	93.0	94.9	94.9	93.2	94.3	81.3	130.5
.400	79.5	80.2	78.1	76.7	77.2	76.5	77.2	77.5	79.2	83.8	87.2	88.4	90.7	92.2	93.5	94.5	95.3	93.4	96.7	83.0	130.9
.500	78.3	82.0	79.9	77.1	77.3	76.6	76.4	77.2	80.6	83.7	87.9	88.8	90.8	92.3	93.9	94.7	96.5	95.0	97.4	84.2	131.6
.630	79.4	80.5	78.4	76.8	76.5	76.0	76.8	77.3	80.8	83.6	88.1	89.0	90.8	91.9	93.1	94.0	97.7	96.8	97.6	85.5	132.0
.800	78.8	80.2	78.8	76.4	76.0	75.7	76.1	76.7	80.0	82.9	87.5	88.9	90.2	90.8	92.7	94.0	97.9	95.5	96.1	84.7	131.6
1.00	77.9	78.9	76.9	75.7	75.5	75.3	75.5	76.1	80.0	82.4	87.3	88.6	89.7	90.0	91.3	92.9	96.4	95.3	95.5	84.5	130.7
1.25	76.7	77.8	76.1	74.2	73.9	73.5	74.4	74.6	77.8	80.9	85.3	87.1	88.0	89.1	90.1	92.0	94.8	94.2	94.1	83.0	129.4
1.60	75.0	76.2	75.0	72.9	72.9	72.3	72.6	73.5	76.6	79.8	84.2	85.8	87.3	88.1	89.1	91.3	93.8	93.1	93.2	82.1	128.6
2.00	74.7	76.0	74.1	73.1	73.3	72.7	72.3	73.6	75.6	78.4	82.5	84.3	85.6	86.8	88.0	90.2	93.1	92.6	92.8	81.2	127.8
2.50	78.0	79.0	77.9	76.7	75.6	74.3	73.5	73.6	74.7	77.2	81.2	82.7	84.6	85.9	86.9	89.4	92.4	92.0	92.4	81.3	127.3
3.15	83.9	84.6	83.3	82.3	84.0	80.3	79.8	78.1	75.9	77.2	80.0	81.4	83.4	84.5	85.8	88.6	91.5	91.0	91.3	79.8	127.1
4.00	76.2	77.1	76.2	75.7	76.0	73.8	73.3	72.7	73.3	74.7	78.1	79.7	82.0	83.3	84.7	87.5	90.6	89.9	90.0	78.6	125.0
5.00	77.8	78.3	77.5	76.4	77.1	75.2	75.1	74.9	75.2	74.5	77.0	78.3	80.6	82.1	83.8	86.9	89.8	89.4	89.2	78.2	125.4
6.30	80.9	81.4	80.9	79.7	80.3	78.4	79.1	77.5	77.7	74.9	76.1	77.4	79.3	81.0	82.5	85.7	89.1	88.5	88.1	76.8	125.6
8.00	78.3	78.7	78.1	76.6	77.1	74.9	75.8	74.1	74.5	74.0	75.7	76.9	79.2	80.6	82.6	86.2	89.6	90.0	90.0	78.2	126.7
10.0	76.1	76.9	76.5	75.0	75.7	72.9	73.4	71.5	72.5	72.7	74.3	75.9	77.5	78.7	81.1	84.3	87.9	85.7	84.9	73.0	125.4
12.5	72.6	74.3	73.6	72.0	72.6	70.0	70.0	69.2	70.6	71.4	73.3	75.0	77.3	77.8	79.7	83.5	87.6	85.0	83.0	70.2	126.4
16.0	68.4	68.6	68.7	67.5	67.5	65.3	65.6	64.5	66.6	67.8	69.4	70.1	72.3	73.5	75.6	79.3	83.2	80.4	78.8	68.7	124.4
20.0	63.4	63.6	63.5	62.6	61.8	60.1	60.5	58.9	61.8	63.7	64.7	66.0	67.7	69.6	71.7	75.7	79.5	75.4	75.3	62.5	124.6
																				OAPWL =	142.3
TSPL	92.3	92.9	91.5	90.2	90.7	89.4	89.6	89.5	91.3	94.0	97.7	98.9	100.6	101.7	103.2	105.1	107.2	105.9	106.5	95.3	
OSPL	92.2	92.8	91.4	90.1	90.6	89.3	89.6	89.5	91.3	94.0	97.7	98.9	100.6	101.6	103.2	105.1	107.1	105.8	106.4	95.3	
PNLT	108.2	108.8	107.4	106.2	107.8	104.9	104.8	103.6	102.2	104.0	107.3	108.7	110.5	111.7	113.0	115.5	118.0	117.1	117.9	106.7	
PNL	105.9	106.6	105.3	104.2	105.0	102.8	102.7	101.9	102.2	104.0	107.3	108.7	110.5	111.7	113.0	115.5	118.0	117.1	117.4	106.2	

CONDITION = 7457 ALTITUDE = 150. FT SIDELINE

OSPL	75.7	80.9	83.5	86.3	86.8	88.2	88.9	91.1	94.0	97.5	98.6	100.0	100.7	101.9	102.7	103.1	99.4	96.5	79.0	
PNL	87.7	94.3	97.2	100.7	100.2	101.3	101.3	102.1	104.0	107.1	108.4	109.9	110.7	111.7	112.9	113.7	110.4	106.8	87.8	
PNLT	90.0	96.5	99.3	103.4	102.3	103.4	103.0	102.1	104.0	107.1	108.4	109.9	110.7	111.7	112.9	113.7	110.9	107.4	87.8	

CONDITION = 7457 ALTITUDE = 200. FT SIDELINE

OSPL	72.8	78.0	80.6	83.5	84.1	85.5	86.2	88.5	91.4	94.9	96.0	97.4	98.2	99.3	100.1	100.5	96.7	93.8	76.2	
PNL	83.8	91.1	94.2	97.7	97.3	98.5	98.5	99.3	101.3	104.4	105.6	107.2	108.0	108.9	110.1	110.9	107.4	103.7	84.2	
PNLT	86.2	93.2	96.3	100.5	99.4	100.6	100.2	99.3	101.3	104.4	105.6	107.2	108.0	108.9	110.1	110.9	108.0	103.7	84.8	

Point No. C(b)-15

ENGINE MODEL = -0C
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/17/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7273
CORRECTED RPM = 7691

INLET TEMP = 4.00 F
TIME OF DAY = 2016
BAROM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	75.5	73.2	74.6	74.2	74.3	74.3	73.7	74.7	75.1	75.4	77.5	79.2	81.1	81.6	83.4	85.3	86.4	85.1	85.3	84.4	121.8
.063	75.1	73.7	73.7	74.2	73.7	74.0	74.3	75.1	75.7	76.1	76.9	78.2	80.5	82.2	83.3	86.8	87.3	86.4	85.2	84.2	122.5
.080	74.2	71.3	72.5	71.8	73.2	73.9	73.6	74.0	75.7	76.8	77.8	79.0	79.9	81.0	82.5	83.7	86.0	85.9	85.0	84.0	121.4
.100	74.8	72.4	74.1	71.9	73.6	72.5	73.0	72.6	74.6	76.4	78.0	79.3	81.3	82.7	83.4	86.8	86.1	84.7	84.0	82.8	121.9
.125	77.3	75.3	76.4	74.7	75.9	73.3	74.0	76.1	77.8	78.5	81.8	82.3	83.1	85.0	86.9	88.8	89.6	86.3	84.9	80.9	124.5
.160	80.1	78.8	78.0	74.7	76.9	76.3	77.8	78.9	79.1	80.6	84.2	85.6	86.5	87.8	89.6	93.2	93.7	89.7	87.7	77.4	127.9
.200	81.4	80.2	78.4	75.9	76.2	77.4	78.2	77.6	79.1	81.9	84.3	85.2	86.4	88.6	90.6	94.6	94.4	91.5	89.3	77.1	129.0
.250	81.6	80.4	78.7	77.0	77.4	76.2	77.8	77.8	79.3	83.8	86.5	87.8	88.8	90.6	91.8	93.8	94.1	92.1	90.1	79.9	129.3
.315	81.1	79.2	77.9	77.6	77.9	77.1	78.1	77.5	79.4	84.7	87.4	89.1	90.7	92.2	93.1	95.0	95.2	93.7	94.1	84.6	130.8
.400	81.7	80.9	79.1	77.6	77.8	76.9	77.7	78.1	79.8	84.8	87.4	89.4	91.0	93.2	93.9	94.8	95.4	93.8	96.2	86.3	131.2
.500	79.7	81.5	81.0	77.7	77.5	77.1	77.2	77.7	81.0	84.3	88.3	89.8	91.0	93.2	94.2	94.7	96.6	95.1	96.9	87.5	131.6
.630	80.0	80.6	78.8	76.7	77.2	76.5	77.1	78.1	81.5	84.1	88.0	89.7	91.0	92.8	93.4	94.2	97.4	96.4	96.9	88.6	132.0
.800	79.9	79.6	78.7	76.2	76.2	76.1	76.4	77.2	80.7	83.5	87.8	89.3	90.2	91.8	92.9	94.1	96.8	95.5	94.9	88.0	131.3
1.00	78.8	78.7	77.0	75.3	75.7	76.2	76.0	76.9	80.5	83.1	87.6	89.1	89.6	91.0	91.5	93.2	95.7	95.5	94.7	87.9	130.7
1.25	77.3	76.8	75.6	73.9	73.8	73.6	73.6	75.2	78.2	81.6	85.6	87.7	88.4	90.0	90.3	92.4	94.5	94.6	93.5	85.9	129.6
1.60	75.4	75.7	75.0	72.6	72.6	72.4	72.8	74.2	77.1	80.7	84.4	86.6	87.6	89.0	89.7	91.7	93.6	93.6	92.8	85.3	128.8
2.00	74.1	74.0	73.2	71.7	71.7	71.4	71.3	73.4	76.0	79.4	82.9	85.1	86.0	87.7	88.5	90.7	93.1	92.9	92.4	84.6	128.0
2.50	76.2	75.8	74.2	72.7	72.6	72.2	71.0	72.6	75.0	78.1	81.5	83.5	85.1	86.8	87.6	89.9	92.3	92.4	91.9	84.6	127.4
3.15	75.2	76.4	74.8	74.4	73.1	72.7	71.3	72.6	74.0	77.1	80.4	82.2	83.9	85.6	86.6	89.0	91.7	91.6	91.2	83.1	126.8
4.00	73.5	74.2	72.9	72.7	71.3	71.2	70.0	71.2	73.0	75.4	78.6	80.4	82.6	84.4	85.6	88.1	90.8	90.3	89.8	81.9	126.0
5.00	73.4	73.2	72.5	71.3	70.5	70.2	69.5	70.7	72.6	74.6	77.7	79.5	81.3	83.3	84.7	87.3	89.8	89.8	88.8	81.4	125.4
6.30	71.3	72.1	70.9	70.3	69.3	69.5	68.6	69.7	71.7	73.9	76.5	78.2	80.0	82.0	83.4	86.1	89.1	89.1	88.0	79.9	125.0
8.00	70.6	71.0	69.9	68.9	68.1	68.6	67.9	69.2	71.4	74.1	76.4	78.0	79.9	81.8	83.6	86.7	90.0	91.0	89.4	80.9	126.9
10.0	67.7	68.4	67.5	66.2	65.5	65.4	64.7	66.6	69.6	72.6	74.9	76.8	78.2	79.7	82.1	84.7	88.0	86.7	84.9	76.4	125.5
12.5	64.8	66.3	65.1	63.5	63.5	63.1	62.6	65.6	68.9	71.9	74.1	76.0	77.9	78.9	80.6	83.7	87.5	86.0	83.3	73.2	126.5
16.0	60.7	60.8	60.3	59.2	58.4	58.8	59.9	61.8	65.8	68.3	70.3	71.4	73.3	74.9	76.8	79.8	83.4	81.5	79.3	70.5	124.8
20.0	56.1	55.8	56.4	54.9	53.8	54.2	54.7	56.7	61.1	64.3	65.9	67.3	68.5	71.0	72.9	76.2	79.9	76.5	75.9	64.9	125.1
																				OAPWL =	142.5
TSPL	91.7	91.1	90.1	88.4	88.6	88.3	88.8	89.2	91.5	94.7	98.0	99.6	100.8	102.6	103.6	105.4	107.1	106.1	105.9	98.2	
OSPL	91.7	91.1	90.1	88.4	88.6	88.2	88.7	89.2	91.5	94.6	98.0	99.6	100.8	102.6	103.5	105.4	107.0	106.0	105.9	98.2	
PNLS	101.7	101.9	100.7	99.5	99.0	98.7	98.3	99.3	101.3	104.4	107.7	109.5	110.9	112.6	113.6	115.8	118.0	118.0	117.0	109.3	
PNL	101.7	101.9	100.7	99.5	99.0	98.7	98.3	99.3	101.3	104.4	107.7	109.5	110.9	112.6	113.6	115.8	118.0	117.5	117.0	109.3	

CONDITION = 7691 ALTITUDE = 150. FT SIDELINE

	0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170
OSPL	75.0	80.4	82.1	84.7	85.8	87.5	88.6	91.4	94.6	97.8	99.3	100.3	101.7	102.2	103.0	103.0	99.6	96.0	81.9	
PNL	83.3	89.9	92.7	94.7	96.1	96.9	98.7	101.2	104.4	107.5	109.1	110.3	111.7	112.3	113.3	113.8	110.7	106.3	91.0	
PNLT	83.3	89.9	92.7	94.7	96.1	96.9	98.7	101.2	104.4	107.5	109.1	110.3	111.7	112.3	113.3	113.8	111.3	106.3	91.0	

CONDITION = 7691 ALTITUDE = 200. FT SIDELINE

	0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170
OSPL	72.2	77.7	79.4	82.0	83.3	84.9	86.0	88.8	92.0	95.3	96.7	97.7	99.1	99.7	100.4	100.4	96.9	93.2	79.0	
PNL	79.7	86.7	89.7	91.8	93.3	94.1	95.9	98.5	101.6	104.8	106.4	107.6	109.0	109.5	110.5	110.9	107.8	103.2	87.4	
PNLT	79.7	86.7	89.7	91.8	93.3	94.1	95.9	98.5	101.6	104.8	106.4	107.6	109.0	109.5	110.5	110.9	108.3	103.2	87.4	

Point No. C(b)-16

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/17/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7324
CORRECTED RPM = 7729

INLET TEMP = 6.00 F
TIME OF DAY = 2034
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.0	76.6	75.2	74.2	74.9	74.2	73.8	74.7	75.0	75.1	77.6	79.4	80.6	81.9	83.1	85.7	86.3	85.6	85.6	83.6	121.9
.063	74.6	74.2	73.9	74.6	73.4	75.0	74.1	75.5	75.6	76.5	77.0	78.5	80.4	82.6	83.1	87.4	87.3	87.1	85.5	83.4	122.7
.080	74.0	71.7	72.4	72.7	73.1	74.7	73.8	74.4	75.6	77.1	78.3	79.9	80.2	81.6	82.5	83.9	86.2	86.4	85.8	83.1	121.7
.100	74.2	72.9	73.5	72.9	73.2	73.1	72.6	72.9	74.0	76.6	78.3	79.4	81.4	82.6	83.5	86.7	85.8	85.1	84.3	82.4	121.9
.125	75.9	75.1	75.5	74.9	74.5	73.4	75.4	76.4	77.5	78.8	82.3	82.4	83.5	85.3	87.7	88.8	89.9	86.1	85.3	81.1	124.7
.160	79.1	78.6	76.7	74.9	75.6	76.4	76.9	77.0	78.4	80.9	84.5	86.1	87.2	87.1	90.3	93.3	94.0	90.2	87.6	76.6	128.2
.200	81.2	80.4	77.8	78.1	75.8	77.5	77.8	77.7	79.4	82.2	85.0	85.3	87.2	88.8	91.2	95.0	94.3	91.9	90.0	74.2	129.3
.250	82.2	80.8	78.4	76.9	78.5	76.3	77.2	77.4	78.9	84.0	86.6	88.0	88.9	90.8	92.5	94.7	94.3	92.7	90.8	77.3	129.8
.315	81.8	79.8	77.6	78.0	77.3	77.2	77.8	77.3	79.3	84.6	87.7	89.1	91.2	92.4	93.7	95.9	95.0	93.7	94.1	82.6	131.1
.400	81.3	80.2	79.9	77.5	77.3	77.3	77.3	77.8	79.7	84.7	88.0	89.4	91.5	93.5	94.7	95.8	95.7	94.3	96.9	84.6	131.8
.500	79.7	82.0	81.0	77.3	77.1	77.1	76.7	77.4	81.0	84.6	88.7	89.7	91.4	93.3	94.8	95.6	96.6	95.7	96.9	85.4	132.1
.630	80.8	83.4	79.3	77.6	76.7	76.5	77.0	78.0	81.5	84.6	88.6	89.7	91.3	93.2	94.1	95.2	97.4	96.9	97.4	87.1	132.4
.800	80.2	79.6	79.9	76.6	75.8	76.0	75.9	77.1	80.3	83.7	87.9	89.4	90.3	92.1	93.2	94.8	97.1	95.8	95.3	86.0	131.6
1.00	79.5	78.8	77.8	75.8	75.3	75.4	75.5	76.5	80.5	83.4	88.1	89.7	90.0	91.3	92.2	94.1	96.0	95.8	95.3	86.0	131.1
1.25	77.6	78.6	76.3	74.7	73.5	73.4	73.4	75.1	78.3	81.9	86.1	88.0	88.6	90.2	90.9	93.3	95.0	95.2	94.0	84.3	130.1
1.60	76.0	76.5	74.9	73.1	72.3	72.3	72.5	74.2	77.0	80.9	85.1	87.0	88.0	89.4	90.1	92.6	94.0	94.2	93.2	83.5	129.3
2.00	74.6	74.4	73.3	71.4	71.2	71.0	71.1	73.2	76.0	79.7	83.5	85.4	86.2	87.9	89.0	91.6	93.5	93.3	92.7	82.7	128.5
2.50	75.3	76.2	74.1	72.2	71.3	72.3	70.7	72.3	74.9	78.2	82.0	83.7	85.3	87.0	87.9	90.7	92.7	92.9	92.4	82.7	127.9
3.15	73.2	72.9	72.1	70.5	69.6	69.1	68.9	70.4	73.6	77.1	81.0	82.3	83.9	85.7	86.9	89.8	92.1	92.1	91.4	81.1	127.2
4.00	72.5	72.4	71.2	69.6	69.1	68.8	68.6	69.8	72.6	75.5	79.0	80.7	82.7	84.5	86.0	88.9	91.1	91.2	90.3	80.0	126.5
5.00	72.1	71.6	71.0	69.0	68.7	68.3	67.7	69.0	72.0	74.7	77.9	79.5	81.3	83.4	85.0	88.0	90.1	90.4	89.2	79.4	125.8
6.30	69.5	69.2	68.2	67.0	66.4	66.5	66.5	68.1	71.1	73.7	76.8	78.1	80.1	82.1	83.6	86.8	89.3	89.5	88.4	77.9	125.3
8.00	69.3	69.5	67.9	66.5	66.5	66.7	66.6	68.1	70.9	73.9	76.7	77.9	79.9	81.7	83.8	87.1	89.6	90.5	89.5	78.5	126.7
10.0	66.5	66.8	65.6	63.9	63.9	63.5	63.6	65.8	69.3	72.7	75.4	76.9	78.4	80.0	82.4	85.4	88.1	87.1	85.4	74.5	125.8
12.5	63.9	64.9	63.7	61.6	62.1	61.8	62.1	65.0	68.7	71.9	74.4	75.8	77.9	79.0	81.1	84.4	87.3	86.6	83.7	71.6	126.8
16.0	59.8	59.5	59.0	57.8	57.1	57.6	59.5	61.5	65.7	68.6	70.9	71.4	73.4	75.1	77.3	80.5	83.4	82.0	79.7	68.0	125.1
20.0	55.5	54.6	55.4	54.0	53.2	53.3	54.5	56.5	61.3	64.6	66.5	67.4	68.9	71.2	73.6	77.2	80.0	77.1	76.4	63.1	125.6
																				OAPWL =	142.8
TSPL	91.7	91.2	90.0	88.3	87.9	88.2	88.3	89.0	91.4	94.8	98.4	99.8	101.2	102.8	104.1	106.2	107.3	106.5	106.3	96.6	
OSPL	91.7	91.1	90.0	88.3	87.9	88.1	88.3	89.0	91.3	94.8	98.4	99.8	101.1	102.8	104.1	106.1	107.2	106.5	106.3	96.6	
PNLT	101.1	101.7	99.7	98.0	97.4	97.8	97.3	98.5	101.2	104.5	108.1	109.6	111.1	112.8	114.0	116.6	118.3	118.0	117.3	107.5	
PNL	101.1	101.2	99.7	98.0	97.4	97.8	97.3	98.5	101.2	104.5	108.1	109.6	111.1	112.8	114.0	116.6	118.3	118.0	117.3	107.5	

CONDITION = 7729 ALTITUDE = 150. FT SIDELINE

OSPL		75.1	80.3	82.1	84.0	85.8	87.0	88.4	91.2	94.8	98.3	99.5	100.6	101.9	102.8	103.7	103.2	100.1	96.4	80.3	
PNL		83.1	89.1	91.3	93.2	95.2	95.9	97.9	101.0	104.5	108.0	109.3	110.5	111.9	112.7	114.1	114.0	111.2	106.7	89.2	
PNLT		83.6	89.1	91.3	93.2	95.2	95.9	97.9	101.0	104.5	108.0	109.3	110.5	111.9	112.7	114.1	114.0	111.2	106.7	89.2	

CONDITION = 7729 ALTITUDE = 200. FT SIDELINE

OSPL		74.4	77.6	79.5	81.4	83.2	84.4	85.8	88.6	92.2	95.7	96.9	98.0	99.3	100.2	101.1	100.6	97.4	93.7	77.5	
PNL		79.6	86.0	88.3	90.3	92.4	93.2	95.2	98.3	101.8	105.2	106.6	107.8	109.2	109.9	111.3	111.2	108.2	103.6	85.6	
PNLT		80.1	86.0	88.3	90.3	92.4	93.2	95.2	98.3	101.8	105.2	106.6	107.8	109.2	109.9	111.3	111.2	108.2	103.6	85.6	

Point No. C(b)-17

ENGINE MODEL = -60
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/17/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 7446
CORRECTED RPM = 7849

INLET TEMP = 7.00 F
TIME OF DAY = 2044
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.0	76.9	75.4	74.3	75.1	74.5	74.6	75.0	75.8	75.5	78.0	79.7	81.1	82.3	83.6	86.2	86.8	86.1	85.9	84.3	122.4
.063	76.5	74.4	75.1	75.0	74.9	74.8	75.0	75.5	76.4	76.7	77.4	78.9	80.7	83.0	83.6	87.5	88.0	87.1	86.1	83.7	123.1
.080	77.5	72.1	72.9	72.9	73.5	74.8	74.6	74.7	76.0	77.6	78.5	80.0	80.4	81.9	82.6	84.6	86.7	86.8	86.3	84.1	122.2
.100	78.9	73.5	75.2	73.6	73.5	73.6	73.3	73.1	74.4	76.9	78.4	79.8	82.1	83.1	83.9	87.1	86.4	85.6	85.3	83.4	122.5
.125	76.6	75.7	75.8	75.1	74.7	73.8	75.6	76.8	77.3	78.9	81.9	82.5	83.3	85.1	87.0	89.0	90.1	86.3	86.2	82.1	124.7
.160	78.9	79.1	76.1	74.9	75.8	76.9	77.0	77.5	78.7	81.0	84.9	86.2	87.2	88.4	90.2	93.7	93.9	90.5	88.2	77.8	128.4
.200	83.8	80.6	77.5	76.1	76.0	77.9	78.2	77.8	79.2	82.1	84.7	85.7	87.1	89.1	91.4	95.9	94.8	92.7	90.3	75.9	129.8
.250	81.2	83.9	78.3	77.1	76.7	76.6	77.2	78.0	79.1	84.0	86.9	88.3	89.3	91.2	92.5	94.9	94.3	93.2	90.7	78.9	130.0
.315	80.7	80.1	77.4	76.3	77.5	78.0	78.2	77.8	79.8	85.0	87.9	89.4	91.4	92.6	94.0	96.1	95.3	94.0	94.9	84.1	131.4
.400	80.0	80.6	78.7	77.7	77.8	77.7	78.0	78.4	80.1	85.0	87.9	89.7	91.7	93.8	94.6	95.7	95.9	94.8	96.7	85.5	131.9
.500	79.0	82.4	80.7	77.6	77.8	77.4	76.9	77.8	81.3	84.9	88.6	90.1	91.5	93.8	94.8	95.6	96.7	96.1	97.3	86.0	132.3
.630	80.1	81.2	79.5	77.4	77.1	77.0	77.4	78.4	81.8	84.8	88.6	90.1	91.7	93.5	94.6	95.2	97.8	97.3	97.5	87.5	132.7
.800	79.7	82.6	79.3	76.6	76.3	76.4	76.5	77.5	81.0	83.8	88.3	89.9	90.7	92.4	93.7	94.8	97.2	96.3	95.5	86.9	131.9
1.00	79.1	79.6	77.8	75.6	75.8	75.6	75.7	76.9	81.0	83.5	88.1	89.8	90.2	91.5	92.5	94.0	96.1	96.1	95.5	86.8	131.3
1.25	78.4	77.8	75.6	73.8	73.5	73.5	73.9	75.4	78.8	82.0	86.4	88.3	88.9	90.3	91.3	93.3	95.1	95.4	94.2	85.1	130.3
1.60	75.8	76.6	74.1	72.4	72.3	72.2	72.9	74.2	77.3	81.0	85.0	87.2	88.1	89.6	90.4	92.6	94.2	94.2	93.3	84.2	129.4
2.00	73.9	74.3	72.5	70.9	71.1	70.9	71.4	73.3	76.4	79.7	83.6	85.5	86.6	88.2	89.4	91.6	93.7	93.4	92.8	83.7	128.7
2.50	74.2	74.6	72.6	71.1	71.0	70.8	70.9	72.1	75.2	78.3	82.1	84.0	85.5	87.3	88.4	90.7	93.0	93.0	92.4	83.4	128.1
3.15	71.8	72.1	70.3	68.8	68.7	68.2	68.7	70.2	73.9	77.1	80.7	82.5	84.1	85.7	87.2	89.9	92.1	92.0	91.4	82.1	127.2
4.00	70.8	71.3	69.0	67.5	67.8	67.6	67.9	69.2	72.7	75.4	78.9	80.7	82.8	84.4	86.1	88.7	91.2	90.9	90.2	80.9	126.4
5.00	71.1	70.6	69.0	67.7	67.2	67.2	67.3	68.6	71.8	74.4	77.8	79.5	81.2	83.5	85.1	87.9	90.1	90.1	89.2	80.2	125.7
6.30	67.2	68.1	66.1	65.0	65.4	65.4	66.2	67.6	70.8	73.6	76.4	78.1	79.9	82.0	83.6	86.6	89.1	89.2	88.2	78.7	125.1
8.00	67.7	68.4	66.3	65.4	65.7	65.8	66.4	67.8	70.8	73.9	76.4	77.9	79.8	81.8	83.8	86.9	90.4	90.1	89.3	79.1	126.8
10.0	64.6	65.7	64.0	62.6	63.0	62.8	63.4	65.7	69.3	72.5	75.1	76.8	78.3	79.8	82.5	85.5	88.2	86.9	85.3	75.4	125.8
12.5	62.0	64.0	62.3	60.7	61.6	61.2	62.0	64.9	68.7	71.7	74.3	75.9	77.8	78.9	80.9	84.4	87.5	86.4	83.4	72.3	126.7
16.0	57.9	58.8	57.8	56.9	56.8	57.2	59.6	61.5	65.6	68.4	70.6	71.5	73.3	75.1	77.2	80.6	83.5	81.9	79.5	70.0	125.1
20.0	54.0	54.1	54.7	53.4	53.1	53.0	54.7	56.5	61.3	64.5	66.2	67.3	69.0	71.2	73.7	77.1	80.3	77.1	76.2	64.3	125.6
																				OAPWL =	143.0
TSPL	91.4	91.4	89.7	88.3	88.2	88.4	88.7	89.3	91.7	95.0	98.5	100.1	101.4	103.1	104.3	106.3	107.5	106.8	106.5	97.4	
OSPL	91.4	91.4	89.7	88.3	88.2	88.4	88.6	89.3	91.7	95.0	98.5	100.1	101.4	103.1	104.3	106.3	107.4	106.7	106.5	97.4	
PNLT	100.4	100.6	98.8	97.3	97.3	97.2	97.5	98.5	101.4	104.6	108.1	109.9	111.3	113.0	114.3	116.7	118.4	118.0	117.4	108.3	
PNL	100.4	100.6	98.8	97.3	97.3	97.2	97.5	98.5	101.4	104.6	108.1	109.9	111.3	113.0	114.3	116.7	118.4	118.0	117.4	108.3	

CONDITION = 7849 ALTITUDE = 150. FT SIDELINE

OSPL		75.5	80.1	82.1	84.3	86.0	87.4	88.7	91.6	95.0	98.3	99.8	100.8	102.2	103.0	103.9	103.4	100.4	96.6	81.1	
PNL		82.6	86.2	90.6	93.0	94.7	96.1	98.0	101.3	104.6	108.0	109.6	110.7	112.1	113.0	114.1	114.2	111.3	106.8	90.0	
PNLT		82.6	86.2	90.6	93.0	94.7	96.1	98.0	101.3	104.6	108.0	109.6	110.7	112.1	113.0	114.1	114.2	111.3	106.8	90.0	

CONDITION = 7849 ALTITUDE = 200. FT SIDELINE

OSPL		72.7	77.5	79.5	81.7	83.5	84.8	86.2	89.0	92.4	95.8	97.2	98.2	99.6	100.4	101.3	100.7	97.7	93.9	78.3	
PNL		79.4	83.1	87.6	90.2	91.9	93.4	95.2	98.5	101.9	105.3	106.8	108.0	109.4	110.2	111.3	111.3	108.4	103.7	86.4	
PNLT		79.4	83.1	87.6	90.2	91.9	93.4	95.2	98.5	101.9	105.3	106.8	108.0	109.4	110.2	111.3	111.3	108.4	103.7	86.4	

Point No. C(b)-18

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/17/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7506
CORRECTED RPM = 7921

INLET TEMP = 6.00 F
TIME OF DAY = 2054
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL = (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.1	73.9	75.1	74.9	74.8	74.9	74.3	75.3	75.4	76.0	77.9	80.0	81.2	82.5	83.6	85.9	86.2	85.8	85.9	85.5	122.2
.063	75.7	74.4	74.5	75.1	74.4	75.1	75.0	75.8	76.1	76.7	77.3	78.6	81.0	82.8	83.6	87.5	87.4	87.2	85.8	84.9	123.0
.080	74.2	72.9	72.0	74.0	73.6	75.5	74.0	75.6	76.0	78.1	78.5	80.3	80.6	81.9	82.8	84.4	86.5	86.9	85.6	84.5	122.1
.100	74.2	75.0	73.6	74.2	73.0	74.6	72.8	74.8	74.6	78.4	78.5	80.3	81.8	83.4	83.9	87.2	86.5	85.9	84.0	83.5	122.6
.125	75.8	76.0	75.2	75.6	74.9	74.8	75.5	77.6	77.6	80.4	82.2	83.5	84.2	85.9	87.8	89.3	90.7	87.1	84.8	82.0	125.3
.160	79.0	79.1	76.9	75.7	76.4	77.5	77.5	78.1	79.4	81.3	85.1	86.5	87.6	88.5	90.6	93.7	94.5	90.8	87.2	78.3	128.7
.200	81.3	81.0	78.2	76.5	76.1	78.1	78.6	78.2	79.9	82.1	85.4	85.8	87.7	89.2	91.5	95.1	94.9	92.5	89.5	77.3	129.6
.250	81.8	81.2	78.4	77.2	77.1	76.9	78.1	78.4	79.4	84.3	87.3	88.6	90.0	91.4	92.7	94.6	94.6	93.4	90.0	80.2	130.1
.315	81.2	80.1	78.0	78.3	77.7	77.6	78.5	78.2	80.0	85.5	88.3	89.9	91.9	92.9	94.0	96.1	95.4	94.3	93.7	85.2	131.4
.400	81.3	81.0	79.4	77.9	78.0	77.6	78.3	78.6	80.4	85.1	88.4	89.8	92.2	93.8	94.7	95.6	95.9	94.8	95.7	86.6	131.8
.500	79.8	82.4	81.5	78.2	77.5	77.5	77.9	78.4	81.8	85.1	89.1	90.4	92.1	93.6	95.1	95.5	96.6	96.0	96.1	87.5	132.3
.630	80.4	81.3	79.5	77.4	77.4	77.0	78.1	79.2	82.3	85.1	89.1	90.5	92.1	93.6	94.3	95.1	97.6	97.3	96.1	89.1	132.5
.800	80.3	80.5	79.9	76.5	76.4	76.4	77.0	78.0	81.4	84.1	88.7	90.0	91.1	92.5	93.6	94.6	96.9	96.7	94.3	86.4	131.8
1.00	79.7	79.6	78.0	75.4	76.0	75.9	76.2	77.6	81.3	83.8	88.5	89.9	90.7	91.7	92.4	93.9	95.9	96.7	94.6	88.5	131.3
1.25	78.1	78.5	76.3	73.7	73.7	73.8	74.3	76.1	79.3	82.4	86.6	88.5	89.5	90.7	91.3	93.2	95.1	96.1	93.4	87.1	130.4
1.60	76.0	76.4	75.2	72.3	72.5	72.8	73.3	75.1	78.0	81.5	85.7	87.5	88.9	89.9	90.6	92.6	94.2	94.9	92.6	86.1	129.6
2.00	74.3	74.4	73.1	70.9	71.3	71.2	71.9	73.8	76.8	80.1	84.0	85.8	87.2	88.3	89.7	91.5	93.6	94.0	92.0	85.2	128.7
2.50	75.6	75.7	73.9	71.1	71.6	71.5	71.0	72.7	75.8	78.7	82.7	84.3	86.2	87.7	88.6	90.9	92.9	93.6	91.7	85.0	128.2
3.15	72.5	72.4	71.1	68.9	68.9	68.5	69.2	71.1	74.4	77.7	81.6	83.1	85.0	86.2	87.6	89.9	92.1	92.9	91.0	83.9	127.5
4.00	71.8	71.5	70.0	67.7	68.0	66.0	68.6	69.7	73.3	76.0	79.7	81.2	83.7	84.9	86.5	88.7	91.2	91.7	89.6	82.4	126.7
5.00	72.0	71.4	70.3	67.8	68.0	67.7	67.8	69.1	72.5	75.2	78.7	80.1	82.2	83.9	85.4	88.0	90.2	90.9	88.7	81.8	126.0
6.30	68.5	68.4	67.0	65.1	65.7	65.9	66.6	68.3	71.6	74.3	77.4	78.8	80.8	82.6	84.3	86.8	89.5	90.1	88.0	80.2	125.6
8.00	69.0	69.2	67.3	65.3	66.0	66.5	66.8	66.5	71.6	74.6	77.4	78.6	80.6	82.2	84.3	87.3	90.3	91.3	89.4	80.7	127.2
10.0	66.1	66.6	65.2	62.8	63.4	63.3	64.0	66.4	70.1	73.4	76.0	77.6	79.3	80.6	83.0	85.6	88.8	88.0	85.2	76.9	126.4
12.5	63.6	64.8	63.3	61.0	61.9	61.7	62.6	65.8	69.7	72.7	75.2	76.7	79.2	79.6	81.5	84.5	88.0	87.4	83.3	73.7	127.3
16.0	59.5	59.5	58.7	57.2	57.1	57.6	59.9	62.2	66.4	69.1	71.5	72.2	74.3	75.8	77.7	80.8	83.7	82.3	79.5	70.0	125.5
20.0	55.5	55.0	55.6	53.7	53.4	53.7	55.1	57.3	62.2	65.4	67.3	68.3	70.2	72.0	74.1	77.5	80.7	78.0	76.2	65.2	126.2
																			OAPWL =		143.1
TSPL	91.6	91.6	90.1	88.5	88.4	88.7	89.0	89.9	92.1	95.4	99.0	100.4	101.9	103.3	104.4	106.2	107.5	107.2	105.6	98.8	
OSPL	91.6	91.6	90.1	88.5	88.3	88.7	89.0	89.9	92.1	95.3	98.9	100.4	101.9	103.2	104.4	106.1	107.4	107.1	105.5	98.8	
PNLT	100.9	101.2	99.6	97.4	97.6	97.7	97.8	99.2	101.9	105.1	108.7	110.2	112.0	113.4	114.5	116.6	118.5	118.7	116.8	109.8	
PNL	100.9	101.2	99.6	97.4	97.6	97.7	97.8	99.2	101.9	105.1	108.7	110.2	112.0	113.4	114.5	116.6	118.5	118.7	116.8	109.8	
			CONDITION = 7921						ALTITUDE = 150. FT SIDELINE												
OSPL		75.7	80.5	82.3	84.4	86.3	87.7	89.3	92.0	95.3	98.8	100.0	101.4	102.4	103.1	103.7	103.4	100.7	95.6	82.4	
PNL		83.1	89.0	90.7	93.3	95.1	96.5	98.6	101.8	105.1	108.6	109.9	111.4	112.4	113.2	114.1	114.2	111.9	106.1	91.5	
PNLT		83.1	89.0	90.7	93.3	95.1	96.5	98.6	101.8	105.1	108.6	109.9	111.4	112.4	113.2	114.1	114.2	111.9	106.1	91.5	
			CONDITION = 7921						ALTITUDE = 200. FT SIDELINE												
OSPL		72.9	77.8	79.7	81.8	83.7	85.2	86.8	89.4	92.8	96.2	97.5	98.8	99.8	100.5	101.1	100.7	98.0	92.9	79.6	
PNL		79.6	85.9	87.8	90.5	92.3	93.7	95.8	99.1	102.3	105.8	107.2	108.6	109.7	110.4	111.3	111.3	108.9	103.0	87.9	
PNLT		79.6	85.9	87.8	90.5	92.3	93.7	95.8	99.1	102.3	105.8	107.2	108.6	109.7	110.4	111.3	111.3	108.9	103.0	87.9	

Point No. C(b)-19

ENGINE MODEL = -03
ENGINE NUMBER = 704741

STAND = X-306
DATE = 01/17/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7272
CORRECTED RPM = 7674

INLET TEMP = 6.00 F
TIME OF DAY = 2025
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	75.7	71.3	74.8	74.2	74.5	74.5	73.9	74.9	75.4	76.5	77.6	79.1	80.9	81.8	83.6	85.7	86.6	85.6	85.6	84.1	122.0
.063	75.1	74.6	74.2	75.7	74.2	75.3	74.7	76.0	76.2	77.2	77.0	78.9	80.8	82.3	83.1	87.1	87.2	86.8	85.3	83.7	122.7
.080	73.4	73.2	72.4	74.8	73.4	76.0	74.1	76.0	75.8	78.1	78.4	80.1	80.3	81.3	82.4	83.8	86.2	86.7	85.8	83.6	121.9
.100	74.3	74.4	73.8	74.0	73.3	74.7	73.1	74.1	74.4	77.1	78.3	79.7	81.9	82.9	83.9	86.8	85.9	85.2	84.6	82.6	122.2
.125	76.1	76.6	75.4	75.9	74.9	74.6	75.6	77.3	77.4	79.5	81.8	82.6	83.4	85.3	87.2	88.8	89.8	86.4	85.5	81.3	124.7
.160	78.9	79.9	76.3	76.5	75.9	77.7	77.0	77.9	78.6	81.0	84.5	86.0	86.9	88.0	90.0	93.1	93.8	89.9	87.4	77.1	128.1
.200	80.4	81.1	77.4	77.2	75.8	77.9	77.9	79.4	79.1	82.2	84.5	85.2	87.1	88.8	91.0	94.9	94.6	92.0	89.8	75.5	129.3
.250	81.3	81.6	78.2	78.0	76.6	77.6	77.3	78.4	78.9	84.1	86.5	88.1	89.1	91.1	92.3	94.4	94.3	92.6	90.3	78.3	129.7
.315	80.6	80.7	77.4	78.9	77.3	78.1	78.1	78.4	79.5	85.0	87.4	89.0	91.2	92.3	93.6	95.5	95.2	93.4	93.8	82.7	130.9
.400	80.0	81.2	78.7	78.2	77.4	77.7	77.8	78.5	80.0	84.8	87.6	89.4	91.7	93.2	94.6	95.5	95.7	94.0	96.6	84.6	131.6
.500	78.8	82.7	80.5	78.1	77.4	77.6	78.7	78.0	81.3	84.5	88.4	89.8	91.4	93.3	94.7	95.4	96.8	95.3	96.7	86.6	132.1
.630	8..	81.4	79.1	77.9	77.1	76.9	77.1	78.4	81.5	84.5	88.5	89.9	91.4	93.1	94.0	94.9	97.6	96.6	96.8	86.9	132.3
.800	79.4	8..2	79.7	76.9	76.3	76.1	76.2	77.4	80.6	83.7	88.0	89.6	90.6	92.0	93.4	94.5	97.4	95.7	95.2	86.4	131.7
1.00	78.7	79.4	77.6	75.7	75.8	75.7	76.3	76.5	80.7	83.2	87.9	89.6	90.4	91.2	92.0	93.7	96.3	95.3	94.9	86.1	131.0
1.25	77.7	78.5	76.3	74.2	73.6	73.2	74.2	75.2	78.5	81.9	85.9	88.0	88.8	90.2	90.8	92.9	95.0	94.5	93.7	84.5	129.9
1.60	75.8	77.0	75.1	72.9	73.1	72.3	72.8	74.3	77.3	80.8	84.9	86.9	88.2	89.4	90.1	92.4	94.2	93.7	92.6	83.6	129.2
2.00	74.4	75.2	73.6	71.8	71.9	71.0	71.4	73.3	76.2	79.5	83.1	85.4	86.6	87.8	89.1	91.2	93.7	92.9	92.1	82.7	128.4
2.50	72.2	74.6	75.1	73.0	72.3	71.6	71.8	72.3	75.1	78.2	81.8	83.8	85.6	87.1	88.0	90.3	92.7	92.5	91.8	82.9	127.7
3.15	74.3	75.2	74.6	73.4	73.0	70.6	71.1	71.4	74.1	77.2	80.6	82.4	84.3	85.8	87.0	89.5	92.2	91.5	90.8	81.5	127.0
4.00	73.1	73.6	72.9	71.6	71.9	69.9	69.9	70.5	73.1	75.5	78.7	80.6	82.9	84.6	85.9	88.5	91.3	90.6	89.5	80.4	126.3
5.00	72.3	73.1	72.4	70.0	70.6	68.9	69.1	69.7	72.5	74.6	77.7	79.4	81.4	83.3	85.0	87.7	90.3	89.9	88.7	79.9	125.6
6.30	70.8	71.6	70.8	69.1	69.3	67.7	68.3	68.9	71.6	73.8	76.5	78.2	80.2	82.0	83.6	86.4	89.4	88.9	87.7	78.3	125.1
8.00	70.0	70.9	69.7	68.6	66.5	67.4	67.6	68.5	71.0	73.9	76.4	77.7	80.0	81.7	83.8	86.8	89.8	90.3	88.9	79.0	126.6
10.0	66.9	68.4	67.5	65.3	65.8	64.2	64.6	66.2	69.6	72.8	75.1	76.9	78.5	80.0	82.5	85.2	88.3	86.6	84.8	75.0	125.7
12.5	63.9	66.5	65.1	62.7	63.6	62.4	62.7	65.2	68.9	71.8	74.0	75.8	78.0	78.9	81.0	84.1	87.6	86.0	83.1	72.1	126.6
16.0	59.6	64.8	60.0	58.7	58.4	58.1	59.9	61.6	65.8	68.4	70.3	71.1	73.3	74.8	77.2	80.2	83.5	81.3	79.1	69.9	124.9
20.0	55.4	55.9	56.2	54.5	54.0	53.7	54.9	56.7	61.3	64.5	65.9	67.3	69.0	71.2	73.5	76.7	80.3	76.6	75.8	64.2	125.4
																				DAPWL =	142.7
TSPL	91.1	92.0	90.1	89.2	88.4	88.8	88.7	89.6	91.6	94.9	98.2	99.8	101.3	102.8	104.1	105.9	107.4	106.2	105.9	96.8	
OSPL	91.1	92.0	90.0	89.1	88.4	88.8	88.6	89.6	91.5	94.9	98.2	99.8	101.3	102.8	104.0	105.9	107.4	106.1	105.9	96.8	
PNLT	101.0	102.0	100.6	99.4	98.9	98.1	98.2	99.0	101.4	104.5	107.9	109.7	111.3	112.8	114.0	116.3	118.4	117.5	116.9	107.8	
PNL	101.0	102.0	100.6	99.4	98.9	98.1	98.2	99.0	101.4	104.5	107.9	109.7	111.3	112.8	114.0	116.3	118.4	117.5	116.9	107.8	

CONDITION = 7674 ALTITUDE = 150. FT SIDELINE

OSPL	76.0	80.2	82.4	84.4	86.4	87.4	89.1	91.4	94.9	98.1	99.9	100.7	101.9	102.7	103.5	103.3	99.7	96.0	80.5	
PNL	82.9	84.8	92.6	94.7	95.5	96.8	98.4	101.3	104.5	107.7	109.4	110.8	111.9	112.7	113.8	114.2	110.8	106.2	89.4	
PNLT	83.9	84.8	92.6	94.7	95.5	96.8	98.4	101.3	104.5	107.7	109.4	110.8	111.9	112.7	113.8	114.2	110.8	106.2	89.4	

CONDITION = 7674 ALTITUDE = 200. FT SIDELINE

OSPL	73.2	77.5	80.3	81.6	83.6	84.8	86.5	88.8	92.3	95.5	96.9	98.2	99.2	100.1	100.9	100.7	97.0	93.3	77.7	
PNL	80.4	86.7	89.6	91.8	92.7	94.0	95.6	98.5	101.8	105.0	106.6	108.0	109.2	109.9	110.9	111.3	107.8	103.1	85.8	
PNLT	8..4	86.7	89.6	91.8	92.7	94.0	95.6	98.5	101.8	105.0	106.6	108.0	109.2	109.9	110.9	111.3	107.8	103.1	85.8	

Point No. C(b)-20

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/17/75

TEMPERATURE = 69.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7341
CORRECTED RPM = 7738

INLET TEMP = 7.00 F
TIME OF DAY = 2113
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	75.9	75.9	75.1	74.5	75.0	74.6	74.1	75.2	75.6	75.4	77.8	79.6	80.8	81.9	83.1	85.3	86.1	85.7	85.3	84.9	121.9
.063	75.8	74.4	75.2	75.1	74.9	75.3	75.1	75.9	76.6	77.0	77.3	78.4	81.0	82.8	83.5	87.2	87.5	87.2	85.0	84.6	122.9
.080	74.8	71.5	72.6	72.8	73.9	75.1	73.8	74.7	75.7	77.4	78.0	80.0	80.3	81.4	82.6	84.1	86.5	86.4	85.2	84.2	121.8
.100	73.9	72.7	73.7	72.5	73.3	73.3	72.9	73.3	74.3	77.0	78.0	80.0	81.3	83.4	83.4	86.9	86.0	85.1	84.0	83.4	122.1
.125	75.6	74.3	75.8	74.1	74.8	73.7	75.6	76.8	77.3	79.1	82.1	82.8	83.3	85.3	87.0	88.7	89.9	86.6	85.3	82.1	124.6
.160	78.4	78.4	76.1	74.4	76.1	76.5	77.0	77.1	78.7	80.6	84.5	86.4	87.2	88.5	90.1	93.4	94.1	90.5	87.4	78.1	128.3
.200	80.3	80.6	77.3	75.8	76.0	77.6	78.2	77.8	79.3	82.3	84.5	85.6	87.2	88.9	91.2	95.0	94.7	92.5	90.0	76.1	129.4
.250	81.1	81.0	77.9	76.8	76.9	76.4	77.4	77.8	78.8	83.7	86.7	88.1	89.2	91.0	92.1	94.4	94.3	92.8	90.7	79.4	129.7
.315	80.6	79.8	77.3	77.8	77.9	77.5	78.0	77.8	79.8	85.1	87.5	89.3	91.6	92.7	93.8	95.7	95.1	93.9	94.0	84.3	131.1
.400	79.6	83.5	78.5	77.8	77.9	77.6	77.7	78.2	80.2	84.9	87.9	89.3	91.7	93.5	94.5	95.7	95.6	94.4	96.3	85.9	131.7
.500	78.8	81.6	80.4	77.9	77.8	77.5	77.0	77.9	81.5	85.0	88.6	90.1	91.6	93.5	94.8	95.6	96.6	95.9	96.9	86.7	132.2
.630	79.9	8..6	79.1	77.4	77.3	77.0	77.5	78.7	81.8	84.8	88.6	90.2	91.7	93.6	94.0	95.4	97.6	97.2	97.1	88.0	132.6
.800	79.4	79.7	78.6	76.6	76.2	76.2	76.4	77.6	80.8	84..	88.1	89.9	90.6	92.3	93.2	94.9	97.1	96.1	94.9	87.2	131.7
1.00	79.0	78.8	77.4	75.6	75.9	76.0	75.8	77.3	80.9	84.0	88.1	90.0	90.5	91.4	92.0	94.0	96.2	96.3	95.1	87.3	131.3
1.25	78.2	78.3	75.9	73.7	74.0	73.9	73.8	75.8	78.7	82.4	86.1	88.5	89.1	90.4	90.8	93.3	95.0	95.4	93.9	85.9	130.2
1.60	75.7	75.4	74.3	72.4	72.7	73.0	73.1	75.1	77.6	81.5	85.1	87.6	88.5	89.7	90.2	92.8	94.2	94.6	93.0	85.3	129.6
2.00	74.0	73.8	72.6	71.0	71.7	71.6	71.5	74.0	76.4	80.1	83.4	85.9	86.8	88.1	89.1	91.7	93.5	93.6	92.7	84.4	128.6
2.50	75.3	74.5	72.9	71.4	72..	72.0	71.3	72.8	75.5	78.7	82.1	84.1	85.8	87.3	88.1	90.7	92.8	93.2	92.3	84.3	128.0
3.15	72.3	72.4	70.9	70.0	70.2	69.8	69.6	71.1	74.2	77.6	80.7	82.9	84.4	85.9	87.1	89.8	92.0	92.2	91.3	83.0	127.2
4.00	71.6	71.7	70.1	69.2	69.6	69.4	69.1	70.3	73.3	76.2	79.0	81.1	83.2	84.8	86.1	89.0	91.2	91.3	90.0	81.9	126.6
5.00	71.3	71.0	69.7	68.4	69.1	68.7	68.1	69.5	72.4	75.1	77.9	79.8	81.6	83.7	85.0	88.0	90.0	90.4	88.9	81.1	125.8
6.30	68.1	68.4	67.1	66.3	67.1	67.0	66.9	68.4	71.3	74.3	76.8	78.4	80.5	82.3	84.0	86.8	89.2	89.7	88.1	79.5	125.4
8.00	68.2	68.5	67.0	65.9	66.9	67.4	66.9	68.4	71.1	74.3	76.6	78.0	80.0	81.7	83.6	87.0	89.6	91.1	89.6	80.2	126.9
10.0	65.2	65.8	64.4	63.0	64.1	63.7	63.9	66.1	69.7	72.8	75.3	77.0	78.7	80.0	82.3	85.4	87.9	87.1	85.2	75.9	125.7
12.5	62.5	64.2	62.5	60.9	62.4	62.2	62.4	65.3	69.1	71.9	74.2	75.8	78.1	78.9	80.8	84.4	87.0	86.4	83.4	72.9	126.6
16.0	58.5	58.8	57.9	56.9	57.6	57.9	59.8	61.7	66.1	68.6	70.6	71.3	73.7	75.1	77.1	80.5	83.1	81.9	79.4	70.4	125.0
20.0	54.4	53.9	54.6	53.4	53.6	53.5	54.9	56.8	61.7	64.7	66.1	67.5	69.1	71.4	73.3	77.2	79.8	77.0	76.1	64.8	125.4
																			OAPWL =		142.9
TSPL	90.9	91.0	89.5	88.2	88.5	88.5	88.6	89.5	91.8	95.1	98.4	100.1	101.5	103.0	104.1	106.2	107.4	106.8	106.1	98.0	
OSPL	90.9	91.0	89.5	88.2	88.5	88.5	88.6	89.5	91.7	95.1	98.4	100.1	101.5	103.0	104.0	106.1	107.3	106.7	106.1	98.0	
PNLT	100.6	100.9	98.9	97.5	98.0	98.0	97.8	99.0	101.6	104.9	108.1	110.0	111.5	113.1	114.1	116.6	118.3	118.2	117.2	109.1	
PNL	100.6	100.4	98.9	97.5	98.0	98.0	97.8	99.0	101.6	104.9	108.1	110.0	111.5	113.1	114.1	116.6	118.3	118.2	117.2	109.1	

CONDITION = 7736 ALTITUDE = 150. FT SIDELINE

OSPL		75.1	79.9	82.0	84.5	86.1	87.3	88.9	91.6	95.1	98.2	99.8	100.9	102.1	102.7	103.7	103.3	100.3	96.2	81.6	
PNL		82.3	88.3	90.8	93.7	95.4	96.4	98.5	101.5	104.9	108.0	109.7	110.9	112.1	112.7	114.1	114.1	111.4	106.6	90.7	
PNLT		82.8	88.3	90.8	93.7	95.4	96.4	98.5	101.5	104.9	108.0	109.7	110.9	112.1	112.7	114.1	114.1	111.4	106.6	90.7	

CONDITION = 7738 ALTITUDE = 200. FT SIDELINE

OSPL		72.4	77.2	79.4	81.9	83.5	84.8	86.3	89.0	92.5	95.6	97.2	98.3	99.6	100.2	101.1	100.6	97.6	93.4	78.8	
PNL		79.0	85.2	87.4	90.9	92.6	93.6	95.7	98.7	102.2	105.2	107.0	108.2	109.4	110.0	111.3	111.2	108.5	103.5	87.2	
PNLT		79.6	85.2	87.9	90.9	92.6	93.6	95.7	98.7	102.2	105.2	107.0	108.2	109.4	110.0	111.3	111.2	108.5	103.5	87.2	

Point No. C(b)-21

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-306
DATE = 01/17/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7575
CORRECTED RPM = 7985

INLET TEMP = 7.00 F
TIME OF DAY = 2102
BARM. PRESSURE = 30.38 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 2 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	77.0	73.3	76.8	75.8	76.1	75.7	75.4	75.2	76.2	76.8	79.1	80.6	81.9	82.7	84.1	86.3	87.2	86.3	86.7	84.8	122.9
.063	76.8	75.2	76.2	76.0	74.8	75.5	76.2	76.3	77.0	77.8	78.3	79.0	81.5	83.0	84.2	87.9	88.4	86.6	86.5	84.9	123.5
.080	75.8	73.6	74.5	74.4	75.3	75.2	75.3	75.5	76.8	78.2	79.2	80.5	81.1	81.9	82.9	84.1	86.3	86.0	85.7	84.1	122.0
.100	74.8	73.7	74.9	73.6	74.4	74.3	73.9	73.4	74.9	77.2	78.7	79.8	82.1	83.2	83.8	86.9	86.8	84.4	84.0	83.1	122.2
.125	76.1	75.7	76.2	75.5	75.5	74.1	76.3	77.0	78.4	79.6	82.9	83.1	84.4	85.6	87.9	89.3	90.5	86.4	85.0	81.7	125.2
.160	79.1	79.3	76.8	75.9	77.0	77.7	77.9	77.8	79.5	81.5	85.5	87.0	87.9	88.7	90.9	94.2	94.8	89.8	87.2	78.3	128.9
.200	81.2	81.3	79.1	77.7	77.2	78.6	78.9	78.7	80.1	82.8	85.3	86.1	87.9	89.8	91.9	95.7	95.9	91.6	90.1	77.6	130.1
.250	85.7	85.9	83.2	82.2	81.1	81.1	80.6	81.0	80.7	85.7	87.8	89.3	90.5	91.9	93.2	95.0	95.1	93.1	91.0	80.3	130.7
.315	86.1	86.9	85.8	86.2	84.5	83.5	84.1	82.8	82.1	86.1	88.8	90.4	92.6	93.5	94.5	96.1	95.9	94.2	94.7	84.7	132.1
.400	85.7	84.9	85.3	84.3	84.3	81.1	83.3	82.1	83.0	85.8	89.0	90.4	92.8	94.4	94.8	95.8	96.6	94.0	96.9	86.1	132.4
.500	81.0	83.3	82.3	81.1	80.6	79.7	79.5	81.3	83.1	85.4	89.6	91.1	93.1	94.3	95.5	95.6	97.9	95.5	97.6	87.2	132.9
.630	81.9	82.5	81.8	81.0	80.9	79.8	78.8	79.7	83.0	85.0	89.1	90.5	92.1	93.6	94.4	95.4	98.5	96.6	97.4	87.9	132.9
.800	81.3	82.4	81.6	79.9	79.6	78.8	77.5	78.4	81.9	84.2	88.6	90.4	91.2	92.7	93.5	94.9	98.0	95.7	95.2	87.2	132.1
1.00	81.4	81.5	80.7	78.8	78.5	78.3	78.0	77.5	81.7	83.6	88.2	89.7	90.7	91.5	92.1	93.9	96.4	95.4	95.0	87.0	131.2
1.25	80.1	80.1	79.0	76.9	76.0	75.8	76.5	75.6	79.2	81.7	86.1	88.0	88.9	90.2	90.7	92.8	94.7	94.0	93.7	85.2	129.8
1.60	77.4	77.8	76.9	75.5	74.9	74.4	75.1	75.0	77.8	80.7	85.0	86.7	88.1	89.3	90.0	92.0	93.7	93.1	92.8	84.4	128.9
2.00	76.0	76.5	75.9	74.9	74.8	74.0	73.4	74.9	76.6	79.3	83.3	85.1	86.4	87.9	89.0	90.9	93.1	92.2	92.4	83.7	128.1
2.50	78.0	79.2	77.6	77.4	76.5	75.6	74.6	75.1	76.0	78.1	81.8	83.5	85.3	86.9	87.9	90.0	92.3	91.7	91.9	83.7	127.5
3.15	79.0	81.0	79.8	80.2	79.4	78.0	77.0	76.2	76.0	77.4	80.7	82.2	84.0	85.4	86.9	89.0	91.6	90.9	91.1	82.2	127.0
4.00	78.5	80.6	79.2	80.0	79.1	78.2	76.6	76.8	75.9	76.1	79.0	80.6	82.8	84.4	86.3	88.0	90.6	89.0	89.8	81.1	126.3
5.00	77.2	78.6	77.7	77.8	77.3	76.1	75.0	75.5	75.3	75.0	77.9	79.3	81.3	83.2	84.8	87.2	89.5	88.8	88.7	80.6	125.4
6.30	76.6	78.2	76.8	77.1	76.3	75.5	74.2	74.6	74.6	74.5	76.8	78.0	80.2	81.9	83.6	86.1	88.9	88.2	87.7	78.8	125.1
8.00	75.4	76.9	75.5	75.5	74.6	73.8	72.4	72.9	73.1	74.6	76.9	78.2	80.3	81.7	83.8	86.6	89.8	89.4	88.8	79.2	126.6
10.0	72.7	74.1	73.3	73.2	72.6	71.3	69.9	70.5	71.7	73.6	76.2	77.9	79.7	80.8	83.4	86.0	89.5	87.0	85.5	75.8	126.7
12.5	69.3	71.6	70.5	70.1	69.8	68.4	66.9	68.6	70.7	72.9	75.4	76.7	78.9	79.5	81.5	84.3	88.3	86.0	83.2	72.5	127.2
16.0	65.1	66.3	65.4	66.9	64.5	63.9	63.0	64.2	67.2	69.3	71.5	72.2	74.4	75.7	77.8	80.6	84.1	81.2	79.6	70.2	125.5
20.0	60.3	61.3	60.6	61.1	59.2	58.9	58.0	59.2	62.8	65.6	67.4	68.2	69.9	72.1	74.2	77.2	81.1	76.9	76.3	64.6	126.2
																			OAPWL =		143.2
TSPL	94.3	94.8	93.8	93.2	92.6	91.7	91.8	91.7	93.1	95.6	99.0	100.5	102.1	103.4	104.5	106.2	107.9	106.0	106.3	97.8	
OSPL	94.3	94.8	93.8	93.2	92.5	91.7	91.7	91.7	93.1	95.5	99.0	100.5	102.1	103.4	104.5	106.2	107.8	106.0	106.3	97.8	
PNLT	104.8	106.6	104.9	104.7	104.0	103.1	102.5	102.5	103.1	105.0	108.3	109.9	111.6	113.0	114.2	116.2	118.3	117.1	117.1	108.7	
PNL	104.8	106.6	104.9	104.7	104.0	103.1	102.5	102.5	103.1	105.0	108.3	109.9	111.6	113.0	114.2	116.2	118.3	117.1	117.1	108.7	

CONDITION = 7985 ALTITUDE = 150. FT SIDELINE

OSPL		78.5	84.0	86.8	88.5	89.3	90.5	91.1	92.9	95.5	98.9	100.2	101.5	102.5	103.2	103.8	103.8	99.6	96.4	81.5	
PNL		87.4	94.1	97.9	99.7	100.5	101.1	101.9	103.0	105.0	108.2	109.6	111.0	112.1	112.9	113.7	114.1	110.3	106.5	90.4	
PNLT		87.4	94.1	97.9	99.7	100.5	101.1	101.9	103.0	105.0	108.2	109.6	111.0	112.1	112.9	113.7	114.1	110.3	106.5	90.4	

CONDITION = 7985 ALTITUDE = 200. FT SIDELINE

OSPL		75.7	81.3	84.2	85.9	86.6	87.9	88.5	90.3	93.0	96.3	97.6	99.0	99.9	100.6	101.2	101.2	96.9	93.7	78.7	
PNL		83.7	90.9	94.9	96.8	97.6	98.3	99.1	100.2	102.2	105.5	106.8	108.3	109.4	110.1	110.9	111.2	107.4	103.4	86.8	
PNLT		83.7	90.9	94.9	96.8	97.6	98.3	99.1	100.2	102.2	105.5	106.8	108.3	109.4	110.1	110.9	111.2	107.4	103.4	86.8	

ENGINE MODEL = -06
ENGINE NUMBER = 704741
STAND = X-306
DATE = 11/21/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 3206
CORRECTED RPM = 3361

INLET TEMP = 12.00 F
TIME OF DAY = 1013
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 KPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 10E-12W
.050	66.5	69.1	65.7	71.0	65.8	72.4	64.4	73.6	61.9	70.1	66.1	71.4	71.8	72.3	72.1	73.3	70.8	70.6	70.6	69.9	111.6
.063	71.9	70.3	69.5	71.1	68.9	72.1	67.6	72.8	68.4	70.4	68.0	71.1	73.0	71.6	72.6	73.4	72.1	71.1	72.0	69.8	112.1
.080	72.9	67.5	65.2	66.3	63.5	69.5	64.7	70.2	63.6	67.9	66.0	69.2	68.9	68.4	68.8	69.7	68.4	67.8	67.6	66.6	108.9
.100	74.1	66.4	67.8	66.8	64.4	68.1	64.5	68.2	63.5	66.4	65.5	67.3	68.1	67.5	67.5	68.5	69.1	67.3	67.6	66.3	108.1
.125	69.6	66.7	70.5	68.1	65.9	67.3	63.5	69.1	66.6	69.6	69.7	71.0	67.5	68.2	71.4	71.4	71.2	69.7	69.7	66.4	110.1
.160	68.6	64.4	66.5	63.6	64.4	64.4	63.2	65.2	63.6	63.5	64.5	66.5	66.6	66.6	67.4	70.5	72.7	71.9	71.5	69.3	108.4
.200	66.8	63.9	65.8	62.9	64.6	63.1	64.6	63.9	64.7	63.8	64.3	65.7	66.8	67.9	68.4	70.2	73.4	75.1	73.7	70.9	109.3
.250	68.7	67.1	71.2	68.5	66.6	65.1	65.5	69.1	68.7	70.4	71.4	72.1	67.6	68.4	73.2	72.0	72.9	74.2	75.1	73.6	111.7
.315	65.7	66.1	65.1	64.8	63.6	64.3	63.9	64.6	63.4	65.4	67.0	67.8	68.2	68.3	69.6	70.7	74.6	77.2	75.3	75.3	110.7
.400	66.0	65.0	67.3	66.2	63.9	63.0	62.9	64.8	63.9	65.8	68.0	68.7	67.6	68.4	69.8	71.6	74.5	76.4	78.8	75.7	111.3
.500	62.2	63.9	65.1	64.1	62.3	61.3	60.7	63.1	62.9	64.2	66.1	67.1	67.5	68.0	68.6	71.4	74.0	78.1	78.3	75.9	111.1
.630	63.3	64.2	64.6	64.9	62.6	63.3	60.3	63.6	62.7	63.9	65.2	66.2	66.2	66.9	68.1	70.8	72.8	75.7	77.6	73.1	109.9
.800	62.7	63.8	63.4	64.5	62.2	63.1	59.1	62.1	60.6	61.2	63.1	64.4	66.5	66.3	66.5	69.2	71.8	73.7	73.5	70.4	108.1
1.00	64.1	65.5	66.2	66.3	64.6	66.3	61.7	61.2	61.0	60.7	62.8	64.2	66.7	65.4	66.1	68.6	70.3	72.7	72.4	69.5	107.8
1.25	71.4	73.3	74.2	72.8	70.8	70.3	67.4	63.0	62.9	62.0	61.6	63.1	64.2	63.9	64.7	67.3	69.7	72.7	73.6	69.2	109.9
1.60	78.3	81.0	81.1	80.9	80.3	76.3	76.1	69.4	69.8	65.2	63.1	64.2	65.3	64.2	64.4	67.0	69.3	72.5	73.1	68.3	116.0
2.00	69.4	68.9	67.9	68.3	67.6	66.6	62.0	60.9	58.0	58.6	59.6	61.2	62.3	61.7	63.5	66.3	69.2	72.2	73.5	67.8	107.6
2.50	70.7	70.1	68.8	69.0	66.3	65.1	60.4	61.8	59.5	61.5	61.5	63.2	63.8	65.1	66.0	70.5	75.9	80.3	78.8	73.8	112.5
3.15	75.6	73.5	74.0	74.3	72.9	69.7	64.1	62.1	59.6	59.3	59.7	60.5	61.1	61.8	62.9	67.1	72.3	76.0	75.7	70.6	111.4
4.00	74.2	73.9	74.7	75.8	72.9	71.3	67.7	64.4	60.9	59.9	59.7	60.5	61.2	61.6	62.3	66.1	71.3	74.6	74.3	70.2	112.0
5.00	74.5	73.6	74.7	75.1	74.1	72.4	69.8	67.8	64.0	61.0	60.4	61.0	61.2	62.5	63.9	69.9	73.9	77.2	75.5	71.5	113.4
6.30	74.2	74.8	75.2	75.6	74.6	73.1	70.3	68.2	65.2	60.5	59.2	59.4	60.2	61.2	63.7	69.7	70.1	71.5	72.3	67.0	113.1
8.00	73.7	74.1	74.7	75.4	74.9	73.4	70.3	68.8	64.7	62.6	63.0	64.0	65.8	66.3	69.3	75.4	73.8	72.4	71.6	66.5	115.2
10.0	71.6	71.8	72.7	73.3	73.0	71.8	68.8	67.3	63.4	63.3	64.3	66.0	67.9	68.3	71.3	77.4	75.9	73.8	71.2	67.2	116.7
12.5	67.6	69.1	70.0	69.9	69.6	68.4	65.3	64.1	60.4	57.1	56.3	57.3	58.9	59.4	62.8	69.2	68.7	66.5	64.7	60.2	113.0
16.0	63.7	63.7	64.7	65.5	64.2	63.9	61.5	60.1	61.5	60.8	56.7	56.9	53.6	54.7	58.3	64.6	64.3	61.1	59.2	54.5	111.3
20.0	57.5	57.7	58.5	59.3	57.7	57.6	55.3	53.4	53.9	53.4	51.2	52.0	5.6	6.1	53.7	57.1	56.8	52.6	54.3	50.8	108.8
																			OAPWL =		126.1
TSPL	85.8	85.5	86.3	86.4	85.2	84.3	81.3	81.5	78.4	79.5	79.3	81.0	81.1	81.1	82.6	85.2	86.5	88.5	88.3	85.1	
OSPL	85.7	85.3	86.1	86.3	85.1	84.2	81.1	81.4	78.2	79.4	79.2	81.0	81.0	81.1	82.5	85.1	86.4	88.4	88.3	85.1	
PNLT	101.1	101.3	102.2	102.2	101.4	99.6	97.3	94.1	92.4	89.5	89.0	90.4	90.0	91.7	92.6	97.1	100.6	103.9	102.5	98.5	
PNL	98.5	98.0	98.8	98.8	97.6	96.3	93.5	91.6	89.3	87.9	88.1	89.5	90.0	90.5	91.9	95.9	98.9	101.8	101.1	96.9	

CONDITION = 3361 ALTITUDE = 150. FT SIDELINE

OSPL		67.3	75.4	79.3	80.7	81.6	79.7	80.8	78.1	79.4	79.1	80.6	80.5	80.2	81.2	82.4	82.2	81.9	78.2	68.7	
PNL		79.4	88.0	91.9	93.4	93.7	92.1	91.0	89.1	87.9	87.9	89.1	89.4	89.6	90.5	93.0	94.5	95.0	90.4	78.4	
PNLT		82.4	91.4	95.4	97.2	97.0	95.9	93.5	92.2	89.5	88.9	90.0	89.4	90.7	91.2	94.3	96.3	97.1	91.8	80.0	

CONDITION = 3361 ALTITUDE = 200. FT SIDELINE

OSPL		64.1	72.4	76.4	77.7	78.7	76.9	78.1	75.4	76.8	76.5	78.1	77.8	77.6	78.5	79.5	79.4	79.1	75.4	65.9	
PNL		75.7	84.6	88.9	90.5	90.8	89.3	88.1	86.4	85.1	85.1	86.3	86.5	86.8	87.6	90.1	91.6	92.0	87.2	74.8	
PNLT		78.8	88.3	92.4	94.3	94.1	93.1	90.6	89.5	86.7	86.1	87.2	86.5	87.9	88.3	91.3	93.3	94.1	89.6	78.4	

Point No. C(c)-23

ENGINE MODEL = -00
ENGINE NUMBER = 7C4741
STAND = X-3
DATE = 01/11/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 3987
CORRECTED RPM = 4176

INLET TEMP = 13.00 F
TIME OF DAY = 1022
BARH. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	69.4	69.9	70.6	69.9	69.8	69.2	69.1	68.4	71.0	69.3	72.7	69.3	72.4	72.4	71.9	77.2	75.7	74.1	72.4	72.0	113.0
.063	70.7	69.8	70.5	68.8	7..6	70.0	69.4	70.3	70.7	70.3	72.8	69.7	72.2	72.7	73.1	76.7	75.5	74.7	72.0	70.9	113.3
.080	70.2	69.0	68.2	64.8	68.3	67.4	68.0	66.4	68.2	67.4	71.0	67.7	70.6	69.9	70.2	73.4	72.9	72.5	69.6	68.3	110.7
.100	70.2	64.7	68.3	63.9	66.3	66.1	66.7	65.0	66.9	65.7	69.2	65.8	69.0	68.6	68.6	71.8	73.2	72.2	69.1	67.1	109.6
.125	69.5	67.4	71.9	68..	67.3	64.2	65.9	67.5	68.8	69.3	72.0	71.3	69.6	70..	72.2	73.9	75.9	75.2	72.9	69.4	112.1
.160	64.2	66.3	67.2	67.4	65.5	63.5	65.4	64.1	65.6	64.9	68.2	66.0	69.2	69.3	69.8	73.5	75.8	77.1	74.4	70.6	111.2
.200	69.1	66.7	66.8	63.4	65.0	63.4	65.5	64.1	65.2	65.3	68.0	67.6	69.5	70.5	70.7	72.1	76.6	79.3	76.3	71.9	112.1
.250	71.7	69.0	71.9	69.1	66..	65.5	66.6	69.4	69.4	71.1	72.4	72.9	70.3	71.2	74.6	73.7	76.4	79.3	77.9	74.7	113.8
.315	68.2	67.7	68.2	66.9	66.4	65.5	65.9	66.1	65.3	67.4	69.8	71.1	71.9	72.1	72.7	73.8	78..	81.9	79.3	76.5	114.2
.400	68.1	66.8	66.5	67..	65.4	64.3	65.2	66.2	66.3	68.0	70.7	71.9	71.4	71.9	73.4	74.3	78.7	81.7	83.5	77.8	115.2
.500	66.2	67.5	66.1	66.3	65.6	62.9	64.4	65.4	66.0	66.7	69.2	71.0	71.3	71.9	72.3	74.2	79.0	82.7	83.2	78.5	115.3
.630	66.5	66.6	67.2	66..	65.6	64.6	63.4	64.8	65.7	66.3	68.4	69.9	70.7	71.0	72.2	74.1	78.0	80.6	81.5	76.4	114.1
.800	65.7	66..	66.0	65.5	65.7	64.0	62.2	63.0	63.8	64.1	66.9	69.0	70.3	70.3	70.7	73.0	77.0	79.1	78.0	73.8	112.5
1.00	66.3	67.5	67.4	66.3	66.8	66.7	64.3	62.4	63.9	63.4	65.6	67.5	69.5	68.7	69.6	71.3	74.8	77.9	76.5	72.7	111.3
1.25	69.6	70.4	69.5	67.6	67.0	66.1	64.5	61.1	62.3	62.5	64.3	66.5	68.4	67.9	68.3	69.8	73.6	77.5	76.1	71.7	110.8
1.60	76.9	76.6	75.2	74.2	73.4	71.0	69.5	66.5	64.4	63.2	64.3	66.1	68.2	67.3	67.9	69.6	73.4	76.9	76.8	72.0	112.6
2.00	84.2	83.6	81.9	8..8	79.9	76.9	75.1	73.6	69.0	66.2	65.0	66.2	67.3	66.7	67.7	68.9	72.6	75.7	76.4	70.9	116.7
2.50	73.5	73.1	71.5	70.9	69.0	66.3	63.6	62.4	59.6	59.6	61.5	63.3	65.3	65.0	66.1	68.2	72.9	76.1	75.4	70.4	110.4
3.15	74.4	74.8	74.1	73.0	71.7	68.0	65.2	62.1	61.9	62.4	64.0	64.5	66.8	67.4	69.4	71.9	79.0	82.5	81.9	76.6	115.5
4.00	78.8	8..5	79.1	78.9	77.8	74.3	71.2	67.2	65.8	65.0	66.0	66.3	68.8	69.5	71.4	74.5	82.5	85.6	81.9	76.7	119.2
5.00	78.3	81.1	79.9	80.2	80.4	76.2	74.4	71.8	69.2	65.8	65.1	65.1	66.0	67.3	69.5	73.2	77.8	81.1	78.0	74.6	118.0
6.30	76.4	78.3	77.9	78.4	74.1	77.7	76.3	74.2	71.9	67.4	64.0	63.7	64.5	65.7	67.6	71.4	73.9	74.8	74.5	71.8	117.2
8.00	76.2	77.3	77.2	77.3	77.7	76.2	74.4	72.0	69.0	66.5	65.4	66.6	67.9	69.4	71.9	75.7	76.9	75.6	74.0	70.1	117.7
10.0	74.1	75.7	76.3	76.0	76.7	74.8	73.2	70.8	68.4	66.8	66.1	68.4	69.4	70.9	73.5	77.5	78.9	76.0	72.7	69.5	119.1
12.5	71.2	73.7	74.1	73.1	73.8	71.9	70.0	68.3	66.0	62.9	61.2	62.7	64.3	65.4	67.9	72.4	73.8	71.0	68.5	65.6	117.1
16.0	67.2	68.0	69.2	69.0	68.8	67.5	65.7	63.7	63.9	62.4	59.0	59.6	59.0	60.9	63.7	68.3	69.2	65.7	63.0	59.6	115.2
20.0	61.9	62.7	63.9	64.0	63.4	62.2	60.5	57.7	57.7	55.9	53.5	54.4	53.5	56.0	59.0	63.0	64.0	59.6	58.2	54.8	114.0
																				DAPHL =	129.3
TSPL	88.8	89.2	88.6	87.9	87.4	85.5	84.1	82.5	81.6	80.7	82.6	82.5	83.5	83.9	85.1	87.7	90.9	93.2	92.0	87.6	
OSPL	88.7	89.0	88.4	87.7	87.6	85.2	83.8	82.3	81.4	80.6	82.5	82.5	83.4	83.8	85.0	87..	90.8	93.2	92.0	87.6	
PNLT	105.4	105.2	104.4	103.7	103.8	100.8	99.6	97.8	95.6	92.7	92.7	93.4	94.2	94.7	96.8	99.0	105.9	108.6	105.9	101.2	
PNL	102.3	102.3	101.5	101.0	100.9	98.1	96.6	94.8	93.2	91.1	92.1	92.6	94..	94.7	96..	99.0	104.4	107.1	104.8	100.1	
			CONDITION = 4176						ALTITUDE = 150. FT SIDELINE												
OSPL		71.1	77.2	80.5	83.1	82.5	82.4	81.7	81.2	80.6	82.4	82.1	82.9	82.9	83.6	85.0	86.5	86.6	81.9	76.9	
PNL		83.6	90.6	93.8	96.4	95.3	95.2	94.2	93.1	91.1	91.9	92.3	93.6	93.8	94.9	96.4	100.0	100.1	93.9	81.2	
PNLT		86.5	93.4	96.5	99.3	98.6	98.1	97.2	95.4	92.7	92.5	93.0	93.6	93.8	95.4	96.4	101.5	101.6	95.1	82.3	
			CONDITION = 4176						ALTITUDE = 200. FT SIDELINE												
OSPL		68.6	74.6	77.3	79.9	79.4	79.4	78.8	78.5	77.9	79.8	79.5	80.2	80.2	80.9	82.2	83.7	83.8	79.1	68.0	
PNL		79.8	87.3	9..5	93.3	92.2	92.1	91.2	90.1	88.2	89.1	89.4	90.8	90.9	92.0	93.4	97.0	97.0	90.7	77.4	
PNLT		82.8	90.2	93.3	96.2	94.9	95.1	94.2	92.4	89.8	89.7	90.2	91.8	90.9	92.5	93.4	98.5	98.5	91.9	78.6	

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. C(c)-24

ENGINE MODEL = -06
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPH = 5010
CORRECTED RPH = 5259

INLET TEMP = 11.00 F
TIME OF DAY = 1030
BARH. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	71.8	68.4	72.5	69.3	71.2	69.9	70.2	71.5	73.7	75.1	75.3	73.3	75.5	75.8	75.4	78.3	78.4	80.1	76.9	76.5	116.1
.063	70.8	70.8	71.8	70.4	70.7	70.1	69.8	71.3	73.1	74.1	73.8	72.2	74.5	74.5	74.9	77.6	77.2	78.7	76.3	75.4	115.2
.080	72.9	67.9	73.3	68.2	71.8	68.6	71.8	68.9	73.0	72.8	74.1	71.9	74.5	73.8	75.2	75.8	76.6	77.9	76.0	74.3	114.7
.100	68.8	68.1	69.5	67.0	67.4	67.2	67.5	67.2	69.2	70.9	71.1	70.1	72.0	72.6	72.1	74.9	75.8	76.9	74.7	72.9	112.7
.125	70.9	71.2	73.9	72.0	70.9	68.0	68.8	70.6	71.8	72.7	73.6	73.1	72.5	73.6	75.0	76.0	77.2	78.3	77.4	73.4	114.7
.160	71.2	69.9	69.6	66.5	68.2	67.9	68.3	67.8	69.3	70.1	72.3	72.5	73.3	73.8	74.7	77.6	79.6	80.3	80.0	73.6	115.2
.200	72.3	71.3	69.7	67.3	66.4	68.5	68.7	67.9	68.9	69.8	72.0	72.3	74.3	75.2	75.5	77.0	80.1	82.5	81.5	75.0	116.0
.250	73.9	72.3	73.1	70.7	69.8	67.7	69.2	70.7	71.0	73.4	74.8	75.1	74.2	75.6	77.7	76.7	78.7	81.1	82.4	77.6	116.5
.315	71.5	71.2	70.1	70.3	68.5	69.4	69.5	69.5	68.4	71.7	74.1	75.0	76.1	77.1	78.4	77.7	80.7	82.2	84.8	80.0	117.5
.400	70.4	70.0	70.4	69.0	67.6	67.4	68.4	68.8	69.0	71.5	74.6	75.3	76.1	76.9	78.1	78.4	81.1	83.9	87.7	81.4	118.6
.500	69.0	70.8	70.6	68.9	67.7	67.4	67.7	68.7	69.2	70.8	74.3	74.9	76.4	77.2	77.4	79.1	81.7	85.4	88.9	82.5	119.4
.630	70.7	70.4	70.3	70.5	71.1	70.2	68.6	70.1	71.1	71.3	73.5	74.4	75.7	76.7	77.4	78.9	81.2	84.3	87.3	81.4	118.7
.800	69.0	69.1	69.0	68.9	69.1	68.3	66.9	67.2	68.6	69.3	72.7	74.0	75.5	75.9	76.2	77.5	80.2	82.9	83.7	79.6	116.9
1.00	69.3	70.2	70.0	69.1	69.4	69.6	67.3	66.2	67.4	68.0	71.4	72.4	74.1	74.5	75.1	75.3	77.9	81.7	83.0	78.5	115.7
1.25	71.2	71.5	71.1	69.2	68.2	67.9	66.7	64.3	65.5	66.7	70.1	71.6	73.5	73.9	74.0	74.3	76.9	80.8	82.2	76.8	114.9
1.60	71.5	71.7	72.4	70.7	69.3	67.6	67.4	64.6	64.6	65.9	68.9	70.5	72.7	72.9	73.1	73.6	76.9	80.9	81.7	76.8	114.7
2.00	78.2	78.1	78.0	76.8	75.9	73.6	70.5	70.9	66.7	66.4	68.6	70.4	72.1	72.4	73.2	74.1	77.6	80.5	82.2	78.0	116.3
2.50	83.7	84.5	84.3	83.8	82.4	80.1	76.1	77.0	71.3	68.6	68.0	69.4	70.7	71.2	71.7	72.4	75.8	78.7	79.8	75.7	119.5
3.15	75.5	75.6	75.1	73.4	71.8	68.6	66.1	63.6	61.9	62.4	65.0	66.5	68.6	69.4	70.3	71.1	75.0	77.9	78.7	74.1	113.3
4.00	77.4	78.1	77.9	77.1	76.3	74.1	71.6	70.0	67.9	66.1	66.9	67.8	69.4	70.6	72.0	74.4	80.8	84.9	83.8	79.0	118.6
5.00	81.6	82.9	83.2	82.7	82.6	80.2	78.4	77.0	74.5	70.8	70.2	70.6	71.1	72.5	73.8	76.8	82.1	86.0	83.4	78.0	121.8
6.30	80.5	82.2	82.2	81.9	81.5	80.1	78.1	76.1	74.8	70.8	68.6	68.9	70.2	72.0	73.2	76.5	79.0	81.6	80.1	75.5	120.8
8.00	79.3	80.7	80.9	81.4	81.6	80.7	78.8	76.5	74.6	71.7	69.4	69.8	70.5	71.8	73.3	75.5	76.3	76.1	76.3	72.9	120.9
10.0	77.9	79.6	79.9	79.9	80.2	79.5	77.9	75.5	74.3	71.8	69.0	69.9	70.9	72.5	74.4	76.9	77.0	75.9	75.0	72.0	121.6
12.5	75.4	78.1	78.2	77.8	78.1	77.0	74.9	73.3	72.2	69.5	66.5	67.4	69.1	70.2	72.0	75.2	74.9	73.3	72.0	68.9	121.2
16.0	71.2	72.6	73.0	73.5	72.8	72.6	70.4	68.6	68.6	66.8	64.0	64.1	64.9	66.7	68.7	72.1	71.4	69.0	67.4	63.8	119.4
20.0	66.7	67.8	68.2	68.8	68.0	68.1	66.0	63.3	63.6	61.8	58.3	58.8	59.5	62.2	64.4	67.5	66.9	63.4	63.1	59.0	118.9
																			OAPWL =		132.5
TSPL	90.3	91.1	91.2	90.7	90.3	88.8	87.1	86.0	85.3	85.0	86.0	86.2	87.5	88.3	89.1	90.5	92.9	95.6	96.6	91.5	
OSPL	90.9	90.7	90.9	90.3	89.9	88.4	86.6	85.7	84.9	84.8	85.9	86.2	87.4	88.1	89.0	90.3	92.8	95.5	96.6	91.5	
PNLT	106.4	107.2	107.2	106.8	106.0	104.2	102.2	101.8	99.2	96.6	95.8	96.4	97.5	98.5	99.5	101.5	105.2	109.6	108.2	103.4	
PNL	104.0	104.7	104.7	103.9	103.1	101.3	99.6	98.5	96.9	95.2	95.8	96.4	97.5	98.5	99.5	101.5	105.2	108.3	108.2	103.4	

CONDITION = 5259 ALTITUDE = 150. FT SIDELINE

ΔSPL		71.3	79.5	83.3	85.3	85.6	85.2	85.1	84.8	84.8	85.8	85.8	86.9	87.3	87.7	87.8	88.7	89.0	86.7	75.0	
PNL		85.6	93.7	97.0	98.7	98.6	98.1	97.9	96.7	95.2	95.6	96.1	96.9	97.5	98.1	98.8	100.7	101.3	97.2	84.1	
*NLT		88.2	96.3	99.9	101.5	101.6	100.7	101.2	99.0	96.6	95.6	96.1	96.9	97.5	98.1	98.8	100.7	102.6	97.2	84.1	

CONDITION = 5259 ALTITUDE = 200. FT SIDELINE

OSPL		67.8	76.2	79.7	82.1	83.4	82.1	82.2	82.0	82.1	83.2	83.2	84.3	84.6	85.0	85.2	85.9	86.3	84.0	72.2	
PNL		81.7	90.4	93.9	95.7	95.7	95.1	95.1	93.8	92.3	92.8	93.2	94.0	94.7	95.2	95.8	97.7	98.2	93.9	80.4	
PNLT		84.3	93.0	96.6	98.6	98.7	97.7	98.3	96.1	93.7	92.8	93.2	94.0	94.7	95.2	95.8	97.7	99.5	93.9	80.4	

Point No. C(c)-25

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5546
CORRECTED RPM = 5803

INLET TEMP = 14.00 F
TIME OF DAY = 1041
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	75.6	70.3	74.7	75.6	74.5	75.3	73.0	77.5	75.9	76.3	76.9	76.3	81.3	77.8	81.4	79.5	81.4	84.0	82.0	76.1	119.5
.063	73.6	71.6	72.7	74.6	73.1	73.8	72.3	76.5	74.9	75.5	75.9	74.5	79.8	76.9	80.1	78.7	79.7	82.7	81.2	75.6	118.3
.080	72.6	71.8	71.2	73.3	72.0	73.0	71.3	75.1	73.6	74.2	74.9	74.7	78.8	75.7	78.8	76.6	78.3	81.5	80.3	74.3	117.1
.100	71.7	74.2	71.1	72.9	70.8	71.2	70.4	72.9	72.3	72.9	73.4	73.5	77.6	75.5	77.9	76.1	78.2	80.5	78.9	72.9	116.1
.125	75.3	73.5	75.3	73.0	71.7	70.4	71.6	73.9	73.7	73.3	75.3	75.4	77.9	76.5	79.1	77.0	79.9	81.3	80.5	74.1	117.2
.160	72.5	73.6	71.0	70.6	69.6	71.1	70.2	72.0	71.7	71.7	75.0	75.2	77.7	76.5	79.4	79.8	82.0	83.1	82.1	74.8	118.0
.200	74.1	73.8	71.4	69.9	67.9	71.3	70.6	70.8	70.7	71.7	74.4	74.9	77.4	77.7	78.8	80.0	82.2	84.2	83.3	76.9	118.3
.250	75.3	74.4	74.1	71.9	70.6	69.8	70.1	72.2	72.0	74.7	76.3	76.8	77.4	78.4	79.6	79.0	81.0	83.4	84.1	79.2	118.4
.315	73.0	73.2	71.2	70.5	69.3	70.5	70.8	70.4	70.2	73.4	75.7	77.3	78.6	79.6	80.6	80.3	82.4	84.3	85.5	81.6	119.2
.400	72.2	72.5	72.2	70.5	69.1	69.5	70.0	70.6	70.8	73.5	76.6	77.9	78.8	79.7	80.6	80.9	83.3	86.0	88.7	83.1	120.5
.500	70.8	73.0	73.5	70.6	69.8	69.6	69.8	70.3	71.7	72.6	76.6	77.4	78.7	79.7	80.0	81.2	83.5	86.9	90.0	85.4	121.3
.630	71.7	72.3	71.7	70.4	69.7	69.7	69.1	70.2	71.6	73.1	76.0	77.2	78.5	79.3	79.9	81.2	83.5	86.9	89.3	84.3	120.9
.800	70.4	70.7	70.4	69.4	68.6	69.0	67.4	68.5	70.1	71.4	75.3	76.3	78.1	78.2	78.7	79.3	82.5	85.0	85.8	81.9	119.0
1.00	70.2	74.6	70.2	69.1	68.9	69.5	67.8	67.4	69.2	70.1	73.7	75.1	76.9	77.0	77.4	77.4	80.7	83.9	84.9	80.9	117.8
1.25	74.7	71.7	71.4	69.7	68.7	68.8	67.6	65.9	67.8	69.2	72.6	74.3	76.2	76.4	76.5	76.3	79.8	83.2	84.0	79.4	117.1
1.60	71.0	71.8	71.7	70.8	69.5	68.7	67.2	65.1	66.4	68.3	71.3	73.2	75.2	75.5	75.6	75.6	79.5	82.6	83.5	79.1	116.6
2.00	74.4	74.6	73.8	72.6	71.9	70.5	67.5	67.7	66.6	67.7	70.6	72.6	74.2	74.7	75.2	75.8	80.0	82.7	83.7	79.5	116.9
2.50	82.9	84.9	85.7	85.5	83.5	83.2	77.3	78.6	73.8	71.3	70.3	71.9	73.3	73.8	73.8	74.1	77.8	80.2	81.3	76.9	121.2
3.15	75.6	76.7	76.4	75.5	74.0	72.6	68.8	68.6	65.2	65.2	67.5	69.4	71.6	72.2	72.5	72.9	76.8	79.1	80.5	76.1	115.3
4.00	77.6	77.2	77.3	76.0	75.6	73.6	71.3	68.8	66.3	67.6	68.0	69.3	71.5	72.9	73.3	76.2	80.8	84.0	84.3	82.2	118.6
5.00	82.1	82.2	84.2	83.6	84.2	82.8	81.5	79.8	78.6	73.3	70.6	70.7	71.4	71.9	72.3	74.3	79.2	81.3	80.3	76.6	122.1
6.30	80.4	81.3	81.7	80.4	81.3	79.1	77.5	75.9	74.9	71.2	70.9	71.6	73.7	74.9	76.1	79.0	84.1	86.8	83.4	78.6	122.3
8.00	80.9	82.1	82.3	81.8	83.4	82.4	80.9	79.3	77.4	73.3	69.6	69.4	70.7	71.2	72.0	73.4	75.6	76.3	76.8	73.7	122.3
10.0	79.1	80.4	81.0	80.0	81.8	80.3	79.0	77.3	75.9	73.0	71.4	72.9	74.1	74.7	76.4	78.3	79.0	77.5	76.8	73.3	122.9
12.5	77.0	78.8	79.5	77.8	79.6	78.1	76.6	75.5	74.4	70.7	68.5	69.1	71.7	71.8	73.3	75.4	75.9	75.0	73.9	70.1	122.5
16.0	73.4	74.1	75.0	74.1	74.9	74.0	72.9	71.1	70.7	68.3	66.3	66.1	68.1	68.7	70.6	72.7	72.9	71.0	69.9	65.4	121.1
20.0	69.1	69.5	70.4	69.8	70.9	69.8	68.8	65.9	66.4	63.6	61.5	61.7	64.2	65.2	67.1	68.9	69.4	66.2	66.5	61.1	121.1
																			DAPWL =		134.2
TSPL	90.7	91.6	92.1	91.4	91.4	90.5	88.6	88.5	87.3	86.5	88.0	88.6	91.0	90.7	92.0	92.2	94.9	97.4	98.2	93.5	
OSPL	90.4	91.3	91.7	91.1	91.0	90.1	88.1	88.1	86.9	86.3	87.9	88.6	90.9	90.6	91.9	92.1	94.8	97.3	98.2	93.5	
PNLT	106.5	106.3	109.1	108.6	107.7	107.2	104.5	104.2	102.2	98.8	97.3	98.4	100.2	101.1	102.2	103.7	107.8	110.2	110.6	107.6	
PNL	103.9	105.2	105.6	105.0	104.2	103.3	101.5	100.7	99.6	97.2	97.3	98.4	100.2	100.6	101.6	102.9	106.7	109.0	109.3	105.6	

CONDITION = 5803 ALTITUDE = 150. FT SIDELINE

OSPL		72.2	80.3	83.9	86.3	87.4	86.6	87.5	86.8	86.3	87.7	88.3	90.3	89.7	90.6	89.6	90.7	91.0	88.3	77.0	
PNL		86.1	94.6	96.1	99.6	100.7	100.0	100.1	99.4	97.2	97.2	98.1	99.6	99.6	100.2	100.2	102.2	102.0	98.4	86.4	
PNLT		89.3	98.1	101.9	103.2	104.6	103.1	103.5	102.1	98.8	97.2	98.1	99.6	100.2	100.8	101.1	103.3	103.3	99.6	88.3	

CONDITION = 5803 ALTITUDE = 200. FT SIDELINE

OSPL		68.8	77.6	80.8	83.1	84.3	83.6	84.7	83.9	83.7	85.2	85.6	87.7	87.1	88.0	87.0	88.0	88.3	85.6	74.2	
PNL		82.3	91.3	93.0	96.5	97.8	97.1	97.1	96.5	94.3	94.3	95.3	96.8	96.8	97.2	97.2	99.1	98.9	95.1	82.5	
PNLT		85.4	94.8	98.8	100.1	101.7	100.1	100.6	99.2	96.0	94.3	95.3	96.8	97.4	97.9	98.1	100.2	100.2	96.3	84.3	

Point No. C(c)-26

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-30E
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 5893
CORRECTED RPM = 6179

INLET TEMP = 12.00 F
TIME OF DAY = 1051
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.6	69.5	72.4	71.7	71.8	71.3	71.2	71.2	72.9	72.2	75.1	73.3	76.3	76.0	78.7	79.0	83.4	82.4	87.1	82.5	118.9
.063	71.7	71.7	70.6	72.1	70.7	71.0	70.4	71.6	72.5	72.3	74.2	72.3	74.8	75.2	77.1	79.0	82.3	81.4	85.5	80.9	117.9
.080	71.3	71.6	70.2	69.9	69.4	70.2	69.9	70.0	71.6	72.2	73.8	73.2	74.3	74.6	75.9	76.3	80.6	80.4	84.5	79.8	116.7
.100	70.5	74.6	70.7	70.8	68.7	69.5	68.8	68.3	69.4	72.2	72.4	72.3	74.1	74.8	75.4	75.9	80.0	79.6	82.9	78.4	115.9
.125	74.4	76.0	75.1	72.6	76.9	69.7	72.6	72.9	72.7	73.5	75.0	75.7	75.8	76.9	77.8	77.8	80.8	81.1	83.6	78.5	117.5
.160	72.9	74.4	71.2	70.1	69.4	70.8	70.9	71.0	71.0	72.4	75.0	76.3	76.9	77.9	79.2	81.4	82.9	83.4	84.8	78.3	118.8
.200	74.1	74.6	71.6	70.2	68.2	71.0	71.2	70.8	70.8	72.8	74.7	75.6	77.0	79.0	79.3	81.1	82.3	85.1	85.5	78.7	119.1
.250	76.4	75.3	74.7	72.3	70.8	69.6	70.8	72.2	72.4	75.4	77.0	77.7	77.9	79.8	81.1	80.2	81.5	84.1	85.6	80.8	119.4
.315	74.5	74.1	72.1	71.6	70.3	71.0	71.8	71.0	70.7	74.6	76.7	76.3	79.5	81.2	82.6	82.3	82.7	85.2	87.8	82.5	120.6
.400	75.5	75.5	73.5	71.2	71.5	74.2	71.5	71.5	71.8	74.3	77.8	79.0	79.9	81.4	82.6	82.8	83.3	87.0	90.4	83.6	121.6
.500	71.9	74.7	73.7	71.5	70.5	70.4	70.7	71.5	72.1	74.1	77.4	78.8	79.8	81.3	82.2	83.0	83.6	87.9	91.5	85.1	122.3
.630	72.9	73.4	72.7	71.0	71.1	70.3	70.8	71.2	72.5	74.3	76.9	78.4	79.4	81.1	82.0	82.9	83.5	87.9	90.0	85.0	121.9
.800	71.6	71.5	71.7	69.6	69.9	68.9	69.0	69.6	70.9	72.9	76.2	78.1	79.4	80.2	80.9	81.4	82.4	86.3	87.1	83.4	120.3
1.00	71.2	71.1	71.1	69.2	69.6	69.2	68.8	68.4	70.0	71.5	74.8	76.6	77.9	78.6	79.5	79.5	80.6	85.0	85.9	82.1	118.9
1.25	71.4	71.9	71.3	69.5	68.9	68.2	68.5	67.2	68.7	70.8	73.6	75.7	77.5	78.0	78.6	78.5	80.0	84.5	85.5	80.7	118.3
1.60	70.9	71.4	71.4	70.4	69.4	67.5	67.9	66.3	67.4	69.6	72.4	74.6	76.3	76.8	77.5	77.8	79.3	83.7	84.6	80.4	117.6
2.00	73.5	73.4	73.4	71.6	71.4	69.5	67.8	68.0	67.0	68.9	71.6	73.7	75.3	75.8	76.8	77.6	80.2	84.0	84.7	80.9	117.8
2.50	84.4	85.7	85.9	86.1	84.7	82.0	79.6	78.7	74.3	72.6	71.8	73.2	74.6	75.3	75.8	76.1	78.1	81.8	83.0	78.7	121.9
3.15	79.7	80.1	80.2	80.2	79.0	76.1	74.2	72.7	69.1	68.2	69.2	70.9	72.6	73.6	74.3	74.7	76.8	80.3	81.7	77.5	117.8
4.00	76.8	77.1	76.9	76.7	75.7	74.2	71.4	69.2	67.9	66.6	68.2	69.6	71.8	73.0	73.9	75.2	78.9	81.8	82.1	79.7	117.4
5.00	82.6	83.0	83.4	83.6	84.5	83.4	82.0	80.5	78.8	73.5	72.3	70.9	71.9	72.9	73.8	75.5	79.0	83.3	82.0	77.5	122.6
6.30	81.2	81.7	81.2	82.0	81.0	80.7	79.3	77.4	75.9	72.5	72.0	72.7	74.1	75.6	77.0	80.3	82.7	86.8	84.6	79.0	122.9
8.00	81.9	82.7	82.1	83.0	83.4	82.5	81.6	79.9	77.1	74.1	70.8	70.1	71.3	72.0	73.7	75.4	76.0	78.1	77.6	73.9	122.8
10.0	75.7	80.1	80.4	80.9	81.3	80.0	79.0	77.3	75.1	73.1	71.0	72.0	73.4	74.2	74.6	78.8	78.5	78.2	76.8	73.4	122.8
12.5	77.5	79.4	78.7	78.5	79.3	77.9	76.7	75.4	73.5	71.1	68.8	69.6	71.6	72.2	74.3	76.8	76.2	76.3	74.4	70.3	122.7
16.0	72.8	74.3	74.3	74.5	74.6	73.8	72.7	71.1	69.9	68.3	66.4	66.5	68.0	69.3	71.9	74.2	73.4	72.4	70.3	66.0	121.4
20.0	69.4	69.8	69.9	70.7	71.1	69.9	68.6	66.4	65.8	64.4	61.6	62.6	63.9	65.9	68.7	70.9	69.9	67.7	67.3	62.2	121.6
																			OAPWL =		134.7
TSPL	91.6	92.2	92.0	92.1	91.8	90.4	89.3	88.2	87.0	86.7	88.3	89.3	90.6	91.7	92.8	93.6	95.2	98.0	99.8	94.8	
OSPL	91.3	91.9	91.6	91.7	91.4	90.0	88.9	87.9	86.6	84.5	86.2	89.3	90.5	91.6	92.7	93.4	95.1	98.0	99.8	94.7	
PNLT	107.9	108.9	108.8	109.0	107.9	106.6	105.2	104.0	102.1	99.2	98.3	99.3	100.7	102.2	103.2	105.0	107.1	110.7	110.6	106.2	
PNL	105.2	105.9	105.7	105.8	104.8	103.5	102.4	101.2	99.8	97.8	98.3	99.3	100.7	101.7	102.6	104.2	106.3	109.7	109.8	105.6	

CONDITION = 6179 ALTITUDE = 150. FT SIDELINE

OSPL		73.5	84.4	84.5	86.6	87.3	87.5	87.2	86.5	86.5	88.1	88.9	89.9	90.7	91.4	91.0	91.0	91.6	90.1	78.5	
PNL		84.9	94.8	96.7	100.4	100.6	100.9	100.6	99.7	97.6	98.2	99.0	100.1	100.7	101.2	101.5	101.8	102.5	99.0	87.0	
PNLT		84.9	97.8	102.1	103.6	103.9	103.8	103.3	102.0	99.2	98.2	99.0	100.1	101.3	101.8	102.4	102.7	103.6	99.9	87.0	

CONDITION = 6179 ALTITUDE = 200. FT SIDELINE

OSPL		69.6	77.1	81.3	83.6	84.1	84.4	84.3	83.6	83.8	85.5	86.3	87.3	88.1	88.8	88.3	88.4	88.8	87.4	75.7	
PNL		83.1	91.5	93.6	97.4	97.7	97.9	97.6	96.8	94.9	95.3	96.3	97.4	98.0	98.4	98.5	98.7	99.3	96.0	83.5	
PNLT		84.1	94.6	99.1	100.6	100.6	100.8	100.4	99.1	96.3	95.3	96.3	97.4	98.5	99.0	99.4	99.6	100.4	96.9	83.5	

Point No. C(c)-27

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6035
CORRECTED RPM = 6321

INLET TEMP = 13.00 F
TIME OF DAY = 1056
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.8	69.2	72.9	72.9	73.6	73.8	73.5	76.1	73.3	73.7	75.7	75.1	77.7	77.3	78.4	79.8	81.6	82.2	87.7	78.2	119.2
.063	72.2	72.1	70.6	72.3	71.9	72.4	72.7	74.9	72.9	73.7	74.6	73.2	76.0	76.3	77.0	79.5	80.7	81.7	86.3	77.8	118.2
.080	72.1	69.9	70.8	70.5	71.2	71.6	72.1	73.9	72.5	73.1	74.6	74.4	75.4	75.7	76.3	77.3	78.7	80.8	85.2	76.9	117.1
.100	71.9	70.1	71.3	69.5	71.3	70.2	71.2	72.5	71.3	72.1	73.8	73.0	75.4	75.6	76.0	77.2	78.2	79.5	83.8	75.2	116.3
.125	74.7	76.0	75.7	72.4	76.8	70.4	73.0	74.1	73.0	73.7	75.4	75.8	76.3	77.0	78.4	78.6	80.5	81.4	84.5	76.1	117.9
.160	73.5	74.2	72.1	69.5	70.3	71.3	71.7	72.7	72.0	73.0	75.8	77.1	77.6	78.6	80.2	81.9	82.8	84.1	85.8	76.5	119.4
.200	74.8	74.8	72.4	70.0	69.4	71.6	71.5	71.4	71.5	73.1	75.8	76.1	77.9	79.6	80.5	82.1	82.8	85.3	86.3	78.1	119.8
.250	76.9	75.9	75.1	72.9	71.3	70.3	70.9	72.6	72.8	75.7	77.8	78.4	78.5	80.5	81.7	81.1	81.8	84.2	86.5	80.4	119.9
.315	75.7	75.9	73.2	72.6	71.2	72.0	72.0	71.7	71.4	75.0	77.7	79.1	80.4	82.2	83.9	82.8	83.5	85.6	88.8	83.2	121.4
.400	74.4	74.7	73.8	72.1	71.3	70.7	71.8	72.3	72.3	74.8	78.4	79.9	80.4	82.2	83.6	83.0	84.3	87.3	90.7	84.4	122.3
.500	72.5	74.9	74.6	72.0	71.0	71.0	71.0	71.9	72.8	74.1	78.1	79.6	80.3	81.9	83.2	83.2	84.4	88.4	91.2	86.1	122.7
.630	73.6	74.0	73.3	72.0	71.2	71.3	70.7	71.8	72.9	74.8	77.7	79.4	79.9	82.0	83.3	83.3	84.3	88.3	90.5	85.6	122.5
.800	72.2	72.9	72.3	71.2	70.2	70.2	69.2	70.1	71.7	73.2	77.4	78.9	79.7	81.0	81.9	81.8	83.5	86.7	87.6	83.9	120.9
1.00	71.7	72.0	71.4	70.2	69.8	70.3	68.9	69.0	70.6	72.1	76.1	77.5	78.5	79.4	80.4	80.0	81.5	85.3	86.2	82.3	119.5
1.25	71.8	72.6	71.7	70.6	69.3	69.4	68.4	67.8	69.4	71.2	74.9	76.6	78.0	78.9	79.5	79.0	81.0	85.1	86.0	81.5	119.0
1.60	71.1	72.1	71.6	71.2	69.5	68.7	67.6	66.9	68.0	70.1	73.7	75.4	76.8	77.7	78.3	78.1	80.3	84.1	85.1	80.8	118.2
2.00	73.8	74.1	73.6	72.7	71.4	70.5	67.9	69.0	67.8	69.3	72.6	74.4	75.5	76.8	77.5	78.1	80.9	84.4	85.3	81.1	118.4
2.50	83.6	84.3	85.2	84.5	83.2	81.9	78.3	79.9	74.2	72.3	72.6	73.8	74.7	76.1	76.6	76.8	79.1	82.4	83.6	79.3	121.4
3.15	82.7	83.3	84.0	83.5	82.4	80.6	77.2	78.5	72.9	71.0	71.0	72.1	73.1	74.6	75.3	75.5	77.7	80.7	82.2	78.0	120.4
4.00	76.7	77.1	77.2	77.1	76.0	74.7	71.1	70.5	69.2	67.2	69.0	70.4	72.0	73.9	74.6	76.1	79.7	82.7	83.2	80.9	118.1
5.00	81.6	82.0	82.7	83.3	83.5	82.4	79.9	79.8	78.2	72.7	71.3	71.0	71.6	73.2	74.1	75.6	79.2	83.0	82.3	78.6	121.9
6.30	82.1	82.8	83.0	83.8	83.9	83.6	80.5	80.4	79.0	73.9	72.9	72.7	74.0	75.5	77.0	80.1	83.1	86.7	84.7	79.5	124.0
8.00	82.2	82.7	83.0	83.3	83.5	82.4	80.9	80.7	78.5	74.2	71.1	70.6	71.5	72.9	74.7	76.2	77.3	79.1	78.7	74.4	123.3
10.0	79.7	80.3	80.7	80.7	81.2	80.5	78.0	77.6	76.1	72.6	71.5	72.0	73.4	74.5	77.1	78.5	78.8	78.1	76.9	73.6	122.9
12.5	77.6	78.8	79.5	78.7	79.5	78.6	76.0	76.3	75.0	70.9	69.2	69.9	71.7	72.5	75.9	76.5	76.4	76.3	74.8	70.6	123.0
16.0	73.6	73.6	74.9	74.6	74.7	74.2	71.7	71.5	70.9	67.9	66.7	66.6	68.1	69.6	72.3	73.7	73.3	72.2	70.5	65.7	121.4
20.0	69.2	69.1	70.2	70.2	70.0	69.9	67.5	66.4	66.6	63.8	62.4	62.6	64.2	66.4	69.2	70.5	70.0	67.7	67.7	61.9	121.5
																				DAPWL =	135.2
TSPL	91.8	92.3	92.6	92.3	92.0	91.2	89.1	89.6	87.9	87.1	89.2	90.1	91.1	92.5	93.7	94.0	95.5	98.3	100.3	94.8	
OSPL	91.5	92.0	92.2	92.0	91.6	90.9	88.8	89.3	87.6	86.9	89.1	90.0	91.1	92.4	93.6	93.9	95.4	98.3	100.3	94.8	
PNLT	106.8	107.4	108.0	107.4	106.7	105.8	103.5	103.9	101.6	96.0	99.0	100.0	101.1	102.4	103.4	105.2	107.5	110.8	111.1	106.6	
PNL	105.0	105.5	105.9	105.3	104.6	103.7	101.6	101.9	100.3	98.0	99.0	100.6	101.1	102.4	103.4	104.5	106.7	109.9	110.4	106.1	

CONDITION = 6321 ALTITUDE = 150. FT SIDELINE

OSPL	73.0	80.9	84.7	87.0	88.1	87.3	86.7	87.4	86.9	88.9	89.7	90.5	91.5	92.3	91.5	91.3	91.9	90.6	78.4	
PNL	86.5	94.9	98.4	101.1	101.0	100.1	101.3	100.1	98.0	98.9	99.7	100.5	101.5	102.0	101.8	102.3	102.7	99.6	87.1	
PNLT	86.9	97.0	100.5	102.2	103.1	102.0	103.3	101.5	98.0	98.9	99.7	100.5	101.5	102.0	102.5	103.1	103.7	100.4	87.1	

CONDITION = 6321 ALTITUDE = 200. FT SIDELINE

OSPL	69.7	77.6	81.5	83.6	84.0	84.3	85.8	84.5	84.2	86.3	87.1	87.9	88.9	89.7	88.8	88.7	89.2	87.9	75.6	
PNL	82.7	91.6	95.3	97.1	98.0	97.2	98.4	97.2	95.0	96.1	96.9	97.7	98.7	99.2	98.9	99.2	99.5	96.6	83.6	
PNLT	84.2	93.8	97.4	99.2	100.1	99.1	100.5	98.6	95.0	96.1	96.9	97.7	98.7	99.2	99.6	100.0	100.5	97.3	83.6	

Point No. C(c)-28

ENGINE MODEL = -00
ENGINE NUMBER = 764741

STAND = X-308
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6168
CORRECTED RPM = 6454

INLET TEMP = 14.00 F
TIME OF DAY = 1105
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.0	71.2	73.5	74.2	72.3	75.3	70.7	73.9	72.0	74.3	74.7	75.4	77.4	77.9	78.7	80.0	81.3	82.0	84.1	79.6	118.3
.063	71.5	73.2	70.6	73.8	70.8	74.1	70.7	73.1	71.6	74.0	74.0	73.8	76.3	76.8	77.3	80.4	80.4	81.4	83.0	78.6	117.6
.080	71.7	72.3	70.5	72.2	69.7	73.1	70.3	71.8	71.5	73.2	74.0	74.6	75.9	75.7	76.2	77.4	78.1	80.7	81.9	77.0	116.3
.100	71.6	73.6	71.1	71.3	69.3	71.5	68.7	69.9	69.1	72.3	73.8	74.1	75.7	76.4	76.4	77.0	77.7	79.9	80.5	75.4	115.7
.125	75.2	75.8	76.0	73.2	70.7	70.9	72.5	73.1	72.8	74.6	75.6	76.2	76.8	78.7	79.6	79.0	80.8	82.2	82.3	76.4	118.0
.160	74.0	74.8	72.7	76.9	76.2	71.9	71.8	71.7	71.9	73.8	76.3	77.7	78.2	79.9	81.0	82.9	83.5	85.4	85.3	76.8	120.0
.200	74.8	74.9	72.4	70.6	69.3	71.7	71.9	71.3	71.9	73.8	76.2	76.3	78.6	80.4	81.2	82.5	83.2	86.7	85.8	78.6	120.3
.250	76.9	75.9	75.1	72.9	71.3	70.7	72.0	72.4	73.3	76.1	78.1	78.9	79.4	81.5	82.7	81.1	82.0	86.1	86.1	80.9	120.5
.315	76.1	75.7	73.5	72.9	71.6	72.3	73.0	72.2	71.7	75.7	78.5	79.4	81.0	83.0	84.1	83.4	83.8	87.0	89.5	83.2	122.1
.400	74.3	74.6	73.9	72.2	71.5	71.0	72.2	72.5	72.7	75.4	78.9	80.1	81.3	83.1	84.1	83.9	83.9	88.2	90.2	84.1	122.6
.500	73.1	75.7	74.6	72.7	71.2	71.5	71.4	72.1	72.9	75.0	78.7	79.8	81.4	82.7	83.7	84.0	84.0	89.2	91.7	85.4	123.2
.630	73.9	74.5	73.3	71.8	71.0	71.5	71.4	72.1	73.3	75.6	78.1	79.5	80.6	82.6	83.9	83.9	83.9	89.0	90.3	85.1	122 7
.800	72.6	72.7	72.4	70.8	70.2	70.2	70.0	70.6	71.7	74.2	77.9	79.4	80.4	82.0	82.6	82.5	83.2	87.8	87.5	83.6	121.4
1.00	71.6	72.1	71.3	69.7	69.3	70.0	69.3	69.3	70.9	72.7	76.8	77.8	79.2	80.2	81.3	80.5	81.3	86.3	86.4	82.2	120.0
1.25	71.7	72.5	71.1	69.9	68.8	69.0	68.6	68.0	69.5	72.1	76.1	76.9	78.8	79.8	80.3	79.8	80.9	86.1	86.2	81.4	119.6
1.60	70.7	71.8	70.9	70.4	69.0	68.2	67.9	67.1	68.2	70.9	74.0	75.6	77.6	78.6	79.1	78.6	80.0	85.0	85.3	80.8	118.6
2.00	72.9	73.4	72.4	71.9	70.7	70.1	68.3	68.7	67.9	69.8	73.1	74.7	76.5	77.7	78.3	78.4	80.7	85.2	85.2	81.3	118.7
2.50	74.2	82.3	80.5	80.5	79.2	78.4	77.0	75.8	70.8	71.0	72.1	73.5	75.4	76.8	77.1	77.1	79.1	83.4	83.8	79.4	119.6
3.15	83.1	86.1	84.4	84.3	83.4	82.3	81.4	79.1	73.7	73.0	71.8	72.6	74.3	75.6	76.6	76.0	77.8	81.7	82.6	78.2	121.6
4.00	76.2	77.6	76.7	76.8	75.7	74.2	72.1	70.5	68.2	67.7	69.4	70.7	73.3	74.8	75.3	76.4	79.7	82.9	82.8	81.4	118.2
5.00	79.5	81.4	80.9	81.6	80.9	80.8	79.5	77.6	75.8	72.0	70.4	70.7	72.2	73.9	74.5	76.0	79.1	83.6	82.5	79.4	120.9
6.30	82.6	84.5	83.9	85.3	84.7	85.0	83.6	81.6	80.4	76.1	72.9	73.0	74.2	75.9	76.5	79.6	82.4	87.6	85.2	79.5	125.1
8.00	81.7	83.0	82.3	83.2	82.8	82.9	81.8	80.2	76.7	75.1	70.4	70.8	72.0	73.7	74.5	77.0	78.2	81.2	80.4	75.0	123.3
10.0	79.4	81.0	80.5	81.1	80.9	80.7	79.4	78.0	75.4	74.0	71.0	72.3	73.5	75.3	76.4	78.8	78.9	78.4	77.8	74.0	123.1
12.5	77.0	79.6	79.1	79.2	79.2	79.2	77.5	76.9	74.7	72.5	69.2	70.6	72.3	74.1	74.8	77.5	77.5	77.2	76.3	71.2	123.6
16.0	73.1	74.4	74.2	75.0	74.2	74.7	73.2	72.1	70.8	69.3	66.8	67.3	68.6	71.0	72.0	74.8	74.5	72.8	71.9	66.4	121.9
20.0	68.9	69.7	69.7	70.6	69.5	70.3	68.9	66.8	66.4	65.2	62.5	63.8	64.6	68.1	69.1	71.0	71.5	68.7	69.3	62.9	122.2
																			OAPWL =		135.5
TSPL	91.2	92.9	91.9	92.2	91.4	91.4	90.2	89.1	87.5	87.9	89.4	90.4	91.8	93.3	94.2	94.6	95.4	99.3	100.0	94.8	
OSPL	90.9	92.6	91.5	91.8	91.0	91.0	89.9	88.7	87.1	87.7	89.4	90.3	91.7	93.2	94.1	94.4	95.3	99.2	100.0	94.7	
PNLT	106.6	109.2	107.7	107.6	106.7	106.6	105.7	104.0	101.8	100.3	99.2	100.2	101.8	103.2	103.9	105.2	107.1	111.7	110.9	106.4	
PNL	104.8	106.9	105.6	105.5	104.5	104.3	103.2	101.8	100.4	99.1	99.2	100.2	101.8	103.2	103.9	104.7	106.5	110.8	110.3	106.4	

CONDITION = 6454 ALTITUDE = 150. FT SIDELINE

OSPL		73.5	80.1	84.4	86.3	88.2	88.4	88.1	87.0	87.7	89.2	90.0	91.2	92.4	92.8	92.0	91.2	92.8	90.1	78.3	
PNL		87.5	94.4	98.4	100.1	101.5	101.7	101.2	100.3	99.1	99.1	99.8	101.2	102.3	102.5	102.0	102.0	103.6	99.5	87.3	
PNLT		90.0	96.6	100.6	102.3	103.8	104.2	103.4	101.7	100.3	99.1	99.8	101.2	102.3	102.5	102.5	102.6	104.5	100.2	87.3	

CONDITION = 6454 ALTITUDE = 200. FT SIDELINE

OSPL		76.1	78.8	81.2	83.1	85.1	85.3	85.1	84.1	85.0	86.6	87.4	88.6	89.8	90.2	89.4	88.6	90.1	87.4	75.5	
PNL		83.5	91.1	95.3	97.1	98.4	98.8	98.2	97.3	96.2	96.3	97.1	98.4	99.5	99.7	99.0	98.9	100.4	96.4	83.8	
PNLT		86.0	93.3	97.5	99.3	100.7	101.3	100.4	98.7	97.4	96.3	97.1	98.4	99.5	99.7	99.6	99.6	101.3	97.1	83.8	

Point No. C(c)-29

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-388
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6276
CORRECTED RPM = 6581

INLET TEMP = 12.00 F
TIME OF DAY = 1113
BARH. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED EPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER IE-12W
.050	75.4	70.8	75.5	73.4	75.4	73.4	74.4	74.5	74.9	74.5	76.3	76.2	78.3	78.7	78.7	81.1	85.7	85.7	92.0	91.3	122.3
.063	74.9	73.9	75.6	74.8	75.6	74.5	75.7	74.9	75.6	74.8	76.7	75.0	78.9	77.3	78.4	81.1	84.8	84.4	90.6	89.4	121.5
.080	75.3	75.4	75.9	76.0	75.7	75.5	75.8	75.2	76.1	76.0	76.7	76.9	79.4	77.4	78.1	78.6	83.6	83.4	89.4	89.2	120.8
.100	75.3	78.0	75.1	77.7	73.9	76.8	73.4	76.4	73.2	78.0	75.8	78.3	78.7	79.6	77.3	79.0	82.0	82.6	87.9	86.6	121.4
.125	77.1	79.7	77.9	79.0	75.0	77.4	75.8	78.3	76.1	79.9	77.6	80.3	79.3	81.4	80.7	81.5	83.4	83.2	87.9	86.6	122.4
.160	77.5	78.4	76.9	77.2	75.5	77.6	76.4	77.7	75.8	78.7	78.9	80.6	80.8	81.9	82.9	84.2	84.9	85.0	88.9	86.2	122.4
.200	77.1	77.9	75.8	76.8	74.5	76.9	75.6	76.5	75.2	77.6	78.2	79.1	80.7	81.3	82.4	83.3	83.9	85.3	88.5	84.8	121.8
.250	76.9	78.1	77.6	76.4	75.2	75.3	75.3	75.6	75.9	78.3	79.5	80.1	80.6	82.4	83.5	82.1	82.8	84.5	88.6	85.2	121.7
.315	77.6	77.3	76.2	76.0	75.0	75.6	75.7	74.8	74.7	77.8	79.7	80.6	82.1	83.3	85.1	84.2	83.9	85.3	90.6	85.5	122.8
.400	76.3	76.7	76.4	75.2	74.7	74.8	75.2	74.7	74.8	77.4	80.2	81.0	82.3	83.5	84.7	84.6	84.6	85.8	91.8	85.6	123.5
.500	74.9	76.5	76.5	74.2	74.4	72.6	74.4	73.9	75.0	76.5	79.8	80.8	82.0	83.1	84.6	84.1	84.7	86.8	92.5	86.5	123.4
.630	75.1	75.5	74.9	73.0	73.9	72.6	73.7	73.2	74.9	76.3	79.2	80.2	81.4	82.9	84.4	83.9	84.6	87.4	91.6	86.1	123.1
.800	73.7	73.7	74.1	72.0	72.5	71.2	71.9	71.5	73.3	74.6	78.7	80.0	81.2	82.3	83.4	82.6	83.7	86.2	89.1	84.0	121.8
1.00	72.4	72.8	72.2	70.2	70.8	70.2	70.5	70.1	71.9	73.1	77.2	78.7	79.7	80.8	81.9	80.7	81.7	84.8	87.7	83.2	120.3
1.25	72.0	73.0	71.5	70.2	69.4	69.0	69.3	68.6	70.5	72.2	75.8	77.6	78.9	79.9	81.0	79.9	81.2	84.4	87.2	82.2	119.6
1.60	70.7	71.8	71.0	70.6	69.4	68.6	68.3	67.4	68.9	71.0	74.5	76.4	77.8	78.8	79.8	78.8	80.3	83.6	86.1	81.8	118.7
2.00	73.2	74.1	72.8	72.7	71.2	70.0	68.6	69.0	68.3	70.3	73.4	75.3	76.6	77.7	78.9	78.5	80.9	83.7	85.9	81.4	118.6
2.50	77.5	79.9	79.1	79.4	78.0	76.7	73.7	74.3	70.1	70.3	72.4	74.2	75.5	77.0	77.8	77.2	79.5	82.3	85.0	80.1	119.1
3.15	84.0	87.1	86.6	86.8	85.8	83.6	80.6	81.1	75.2	73.6	72.9	74.0	74.6	76.5	76.9	76.3	78.0	80.8	83.7	78.8	123.0
4.00	76.5	78.0	77.0	77.1	75.7	74.7	71.7	70.4	68.7	67.8	69.7	71.3	73.2	74.8	75.8	76.4	78.8	82.0	83.1	79.5	118.0
5.00	79.7	81.1	81.0	80.9	80.5	79.3	77.9	76.5	75.4	70.9	70.4	71.1	72.4	73.9	75.2	76.1	79.1	82.3	83.1	79.0	120.3
6.30	84.0	85.9	85.6	85.7	86.0	85.4	84.1	82.3	81.8	76.5	73.7	73.5	74.4	75.8	77.1	79.1	82.4	85.5	85.4	78.8	125.4
8.00	81.9	83.4	82.5	82.9	82.8	82.2	81.3	79.6	76.9	74.6	70.6	70.8	71.9	73.4	75.3	76.7	78.4	80.9	81.8	75.1	123.1
10.0	80.3	81.9	81.5	81.7	81.9	81.2	80.3	78.6	76.8	74.4	71.4	72.5	73.5	74.7	77.1	78.4	77.9	78.1	77.8	73.3	123.6
12.5	77.6	80.3	79.9	79.4	80.0	79.2	78.1	77.3	75.9	72.6	70.1	71.0	72.8	73.9	76.2	78.1	77.2	77.6	76.6	71.1	124.0
16.0	73.5	74.8	74.7	75.0	74.8	74.5	73.3	72.1	71.6	69.2	67.5	67.6	69.0	70.5	73.1	75.2	74.0	73.6	72.6	67.9	122.2
20.0	68.9	70.1	70.1	70.6	70.0	69.8	68.8	66.6	67.1	64.9	63.4	63.9	65.3	67.7	70.3	72.3	71.2	69.5	70.3	65.7	122.4
																			OAPWL =		136.3
TSPL	94.2	93.8	93.3	93.3	92.8	92.2	91.0	90.5	89.3	89.7	90.7	91.8	93.0	94.0	95.1	95.2	96.6	98.2	102.4	99.1	
OSPL	92.0	93.6	93.0	93.0	92.5	91.9	90.6	90.2	89.0	89.6	90.7	91.8	92.9	93.9	95.0	95.0	96.5	98.2	102.3	99.1	
PNLT	108.0	110.5	110.1	110.1	109.4	107.9	106.4	106.0	103.8	101.5	100.8	101.4	102.4	103.8	104.7	104.8	107.6	110.1	111.8	107.5	
PNL	105.7	107.8	107.2	107.2	106.4	105.2	103.8	103.1	101.9	100.0	100.2	101.4	102.4	103.8	104.7	104.8	107.0	109.4	111.8	107.5	

CONDITION = 6581 ALTITUDE = 150. FT SIDELINE

OSPL		74.9	81.8	85.9	87.9	89.1	89.2	89.6	86.9	89.6	90.5	91.5	92.3	93.1	93.7	92.6	92.5	91.8	92.7	83.4	
PNL		88.5	96.1	100.2	102.8	102.6	102.3	102.5	101.7	100.0	100.1	101.0	101.8	102.9	103.3	102.2	102.5	102.3	101.2	89.2	
PNLT		91.3	99.0	103.1	105.0	105.3	104.9	105.4	103.6	101.5	100.6	101.0	101.8	102.9	103.3	102.2	103.1	103.0	101.8	89.2	

CONDITION = 6581 ALTITUDE = 200. FT SIDELINE

OSPL		71.7	78.6	82.8	84.8	86.1	86.2	86.7	86.1	86.9	87.9	88.9	89.8	90.5	91.1	90.0	89.9	89.1	90.0	80.8	
PNL		84.5	92.8	97.1	99.0	99.6	99.3	99.7	98.7	97.1	97.3	98.3	99.0	100.1	100.5	99.2	99.4	99.1	98.1	85.8	
PNLT		87.4	95.7	100.0	102.0	102.3	101.9	102.6	100.7	98.6	97.8	98.3	99.0	100.1	100.5	99.2	100.1	99.8	98.7	85.8	

Point No. C(c)-30

ENGINE MODEL = -06
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7080
CORRECTED RPM = 7400

INLET TEMP = 15.00 F
TIME OF DAY = 1126
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	75.5	70.5	74.9	74.4	75.0	74.4	75.1	74.6	76.3	74.9	77.9	78.0	80.3	80.0	82.2	82.5	85.1	84.3	92.0	87.4	122.3
.063	73.8	73.3	73.0	73.4	73.5	73.4	74.2	74.3	75.9	74.7	76.9	75.9	79.3	79.0	81.3	82.6	84.5	83.7	91.0	85.9	121.6
.080	73.8	71.4	72.6	71.0	73.3	72.5	73.6	73.5	75.6	74.9	77.8	77.0	78.9	77.9	80.4	79.9	83.0	82.4	89.4	85.1	120.3
.100	74.1	73.2	73.3	71.4	72.9	70.5	73.1	71.2	75.0	73.8	77.2	76.3	79.3	79.4	80.4	80.6	82.0	80.1	87.3	83.2	119.4
.125	75.3	73.7	76.0	73.9	74.5	71.2	73.7	74.1	76.3	75.9	79.0	78.5	80.6	82.5	83.3	83.9	83.9	83.3	87.9	82.9	121.4
.160	76.7	76.4	76.2	74.3	75.1	74.4	75.0	74.6	76.2	76.6	80.5	81.2	83.0	83.6	86.3	88.3	86.6	85.7	88.8	83.1	123.7
.200	78.3	77.4	75.7	73.1	73.4	74.4	75.2	74.2	75.9	77.1	80.0	80.2	83.2	83.8	86.6	87.4	85.6	85.6	89.1	83.8	123.4
.250	79.5	77.7	77.2	74.6	74.1	73.0	74.5	74.7	75.6	79.2	81.7	82.4	83.7	85.2	86.8	86.4	84.5	85.4	89.2	85.7	123.5
.315	78.3	77.7	75.8	74.6	74.2	74.2	75.2	74.3	75.3	79.3	82.0	83.5	85.2	86.7	88.2	88.3	86.2	87.2	91.2	87.5	125.0
.400	77.2	77.2	77.2	74.8	73.7	73.5	75.0	75.2	76.0	79.0	82.9	83.8	85.7	87.3	89.1	88.9	87.3	87.8	93.0	88.5	125.9
.500	76.8	78.9	79.6	76.0	74.5	74.5	74.6	74.8	76.4	78.7	82.9	83.6	85.3	86.8	88.8	88.3	87.3	88.7	93.9	88.9	126.0
.630	77.4	76.8	77.2	74.6	74.2	73.9	74.3	75.0	76.6	78.8	82.3	83.3	85.4	86.6	88.4	88.6	87.6	89.4	93.1	89.5	125.9
.800	76.0	76.5	76.4	74.1	73.4	73.2	72.8	73.7	75.6	77.8	82.1	83.1	84.6	85.7	87.2	87.3	86.7	88.3	91.0	88.6	124.8
1.00	76.5	76.9	75.5	75.4	75.9	76.6	74.5	74.3	76.0	76.8	80.7	82.0	83.5	84.5	85.5	85.7	84.5	86.7	89.6	87.0	123.5
1.25	76.2	77.6	76.6	73.3	73.8	73.4	73.6	71.1	73.8	75.8	79.6	81.0	82.8	83.7	84.6	84.9	83.9	86.5	89.0	86.0	122.7
1.60	74.6	74.1	74.4	72.5	72.5	71.5	70.9	70.1	72.1	74.7	78.1	79.7	81.6	82.8	83.5	83.9	83.1	85.6	88.4	85.7	121.8
2.00	76.4	75.1	76.1	73.9	74.5	71.9	71.5	71.4	71.2	73.3	76.8	78.5	80.1	81.4	82.5	82.9	82.5	84.7	87.9	84.7	121.2
2.50	78.7	77.6	78.8	76.8	77.3	75.2	73.8	73.4	71.8	72.4	75.7	77.0	79.1	80.5	81.4	81.9	82.8	85.3	87.6	84.2	121.3
3.15	90.8	87.6	90.0	86.2	86.8	86.3	86.5	82.4	81.5	76.0	76.6	76.1	78.4	79.2	80.5	80.8	80.8	82.9	85.7	82.4	126.1
4.00	81.8	80.2	81.3	80.1	81.1	78.6	78.1	75.9	75.3	71.4	73.4	74.2	76.7	77.8	79.1	79.7	79.7	81.9	84.2	81.2	120.8
5.00	81.4	80.4	81.2	80.1	81.0	79.1	78.6	77.1	76.0	72.0	73.1	73.4	75.4	76.9	78.3	79.5	80.6	83.4	84.4	81.4	121.3
6.30	86.0	85.6	86.2	85.8	86.4	84.9	84.5	82.8	80.9	77.3	74.7	73.9	75.8	76.8	78.2	79.9	80.1	82.2	83.1	79.1	125.2
8.00	82.5	82.2	82.7	82.2	82.9	82.6	81.3	80.0	77.5	75.2	73.5	73.8	75.8	76.8	78.9	81.0	82.7	85.7	86.8	80.7	124.7
10.0	81.9	81.5	82.3	81.4	82.5	80.6	80.2	78.0	76.6	74.1	72.5	72.7	74.9	75.3	78.2	79.7	78.1	78.8	79.2	76.2	123.9
12.5	78.4	78.8	79.7	78.1	79.3	77.2	76.2	75.3	74.1	72.4	72.8	73.4	76.4	76.4	76.4	79.5	81.7	79.1	79.3	78.1	124.5
16.0	74.5	73.7	74.8	73.9	74.1	72.8	71.9	70.9	70.6	69.6	70.2	69.7	72.6	73.1	76.2	78.5	75.7	75.4	74.5	70.5	123.1
20.0	70.2	69.0	70.2	69.4	69.3	68.1	67.6	65.5	66.3	65.8	66.3	66.3	69.2	70.3	73.8	75.7	72.9	71.4	72.4	68.3	123.8
																			OAPWL =		137.9
TSPL	95.0	93.7	94.7	93.3	94.1	92.2	92.1	90.4	90.4	90.3	93.2	93.9	95.9	97.0	98.7	99.0	98.3	99.4	103.4	99.4	
OSPL	94.9	93.4	94.5	93.1	94.0	92.0	91.9	90.2	90.2	90.2	93.1	93.9	95.8	96.9	98.6	98.9	98.2	99.3	103.3	99.4	
PNLT	113.6	111.0	112.9	111.1	112.5	109.6	110.0	108.6	108.3	102.7	103.2	103.6	105.6	106.7	108.1	108.6	109.3	111.4	114.4	110.3	
PNL	110.1	108.1	109.5	107.9	109.0	106.5	106.5	104.0	103.7	101.4	103.2	103.6	105.6	106.7	108.1	108.6	108.7	110.5	113.4	109.8	

CONDITION = 7400 ALTITUDE = 150. FT SIDELINE

OSPL		74.7	83.3	85.9	89.5	89.3	90.5	89.6	90.1	90.2	93.0	93.6	95.2	96.0	97.3	96.5	94.2	93.0	93.6	83.3	
PNL		81.0	98.5	100.9	104.6	103.9	105.1	103.4	103.5	101.4	103.1	103.2	105.1	105.8	106.8	106.1	104.4	103.7	102.9	91.6	
PNLT		91.0	101.6	104.2	106.1	107.0	108.6	106.0	106.2	102.7	103.1	103.2	105.1	105.8	106.8	106.1	105.0	104.6	103.9	91.6	

CONDITION = 7400 ALTITUDE = 200. FT SIDELINE

OSPL		71.4	80.6	82.7	86.4	86.3	87.6	86.7	87.3	87.6	90.4	91.0	92.6	93.4	94.7	93.9	91.6	90.3	91.0	80.5	
PNL		64.9	95.1	97.8	101.6	100.9	102.2	100.6	100.7	98.7	100.3	100.5	102.3	103.1	104.0	103.3	101.5	100.8	99.8	88.1	
PNLT		67.9	98.5	101.1	103.1	104.1	105.8	103.2	103.4	99.9	100.3	100.5	102.3	103.1	104.0	103.3	102.2	101.7	100.8	88.6	

Point No. C(c)-31

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7968
CORRECTED RPM = 8337

INLET TEMP = 14.00 F
TIME OF DAY = 1133
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.8	72.8	77.2	75.9	76.3	76.1	75.3	75.5	76.6	76.7	79.3	80.5	82.4	82.9	84.3	85.9	89.2	89.1	94.0	91.1	125.5
.063	75.0	74.6	74.7	75.3	74.3	74.3	74.7	75.1	76.4	76.3	77.6	78.1	80.8	81.7	82.6	85.9	87.9	88.5	91.8	94.1	124.2
.080	74.6	72.6	73.5	73.3	73.7	73.9	73.7	74.0	76.3	76.7	78.9	79.4	80.5	80.7	82.1	83.5	86.4	87.4	91.3	92.9	123.2
.100	73.4	71.9	73.3	72.6	72.2	71.7	72.0	72.3	75.2	76.6	78.5	79.6	81.7	82.8	82.7	83.1	85.3	85.2	89.1	91.4	122.2
.125	74.4	73.6	74.9	73.8	73.5	72.1	74.3	75.7	77.3	78.9	81.1	82.2	83.8	85.9	86.8	86.6	88.0	86.8	89.9	90.8	124.4
.160	77.5	77.1	76.2	73.8	75.1	75.6	76.5	76.8	78.2	80.2	83.6	85.0	86.6	88.1	90.5	91.1	90.1	88.9	90.8	90.3	126.9
.200	80.2	79.7	77.5	74.8	74.2	76.0	76.8	76.5	78.2	80.0	82.9	83.3	86.7	88.2	90.3	89.9	88.5	88.0	90.8	89.6	126.3
.250	80.8	79.6	78.5	76.3	75.2	74.5	76.0	76.7	78.0	82.1	84.8	85.4	87.4	88.9	90.8	87.6	87.3	87.6	91.1	89.6	126.3
.315	79.7	79.0	76.9	75.9	75.2	75.2	76.3	75.9	77.6	82.0	85.2	86.3	88.9	89.9	91.8	89.4	88.9	89.5	92.6	89.7	127.4
.400	79.4	79.5	79.4	76.6	75.8	75.3	76.6	77.2	78.8	82.3	86.1	87.1	89.3	90.7	92.9	90.6	90.1	90.4	94.7	89.7	128.6
.500	79.0	81.6	82.1	78.2	77.0	76.4	77.1	77.1	79.3	82.0	86.3	87.1	89.0	90.5	92.4	90.8	90.4	91.3	95.1	89.9	128.7
.630	79.8	80.7	80.2	77.5	76.9	76.2	77.1	77.5	79.3	82.1	85.8	86.8	89.0	90.0	92.0	91.1	90.5	92.0	94.9	90.7	128.7
.800	79.2	79.4	80.0	78.1	75.7	75.0	75.7	75.8	78.5	80.6	85.4	86.5	88.1	89.3	90.6	89.7	89.6	90.9	92.9	89.7	127.5
1.00	77.8	78.0	77.9	74.6	74.6	73.6	74.7	74.5	77.4	79.9	84.2	85.3	87.0	87.9	89.1	87.7	87.6	89.6	91.6	88.7	126.1
1.25	76.4	78.7	77.6	74.2	73.0	72.7	73.1	73.6	76.3	78.9	82.9	84.4	86.1	87.1	88.0	86.7	87.0	89.0	90.8	87.7	125.3
1.60	74.6	75.6	75.1	72.5	71.8	71.4	71.8	72.6	75.0	77.8	81.7	83.3	85.3	86.1	87.1	85.4	86.1	88.4	90.4	87.6	124.6
2.00	73.6	73.5	73.1	70.9	70.9	70.3	70.6	71.8	73.7	76.4	80.2	81.8	83.7	84.4	86.0	84.9	85.4	87.3	89.9	86.9	123.6
2.50	74.5	75.2	74.6	74.6	72.2	72.3	71.3	71.4	73.2	75.5	78.6	80.4	82.4	83.5	85.0	83.9	85.1	87.3	89.6	86.6	123.2
3.15	75.0	75.4	74.9	74.0	73.8	72.8	71.4	71.8	72.0	74.0	77.2	78.6	80.9	82.1	83.5	82.6	83.8	86.1	88.4	84.9	122.2
4.00	76.8	77.6	77.0	76.3	76.0	75.4	73.6	73.6	72.7	73.0	75.8	77.2	79.9	80.9	82.3	81.5	82.5	84.3	86.6	83.3	121.5
5.00	73.4	73.4	73.2	72.0	72.0	71.2	69.8	70.0	70.4	71.6	74.7	76.2	78.5	79.8	81.5	81.0	82.1	84.0	85.8	83.0	120.6
6.30	70.3	70.9	70.3	69.4	69.6	68.7	68.0	68.4	69.4	71.4	74.0	75.2	77.7	79.0	80.6	80.6	81.8	84.0	85.2	80.6	120.5
8.00	70.2	70.7	69.9	68.9	69.1	68.5	67.4	68.2	69.2	71.6	74.0	75.2	77.3	78.5	80.2	80.7	82.5	84.5	85.8	80.5	121.6
10.0	67.2	67.8	67.4	66.1	66.4	65.8	65.2	66.6	69.0	71.6	73.0	75.8	77.8	78.9	81.2	81.6	81.9	82.9	83.8	78.4	122.5
12.5	63.9	65.7	65.1	63.3	63.8	63.2	62.7	65.3	68.7	71.2	73.3	75.0	77.4	78.1	80.3	80.8	79.9	80.0	79.9	74.6	122.7
16.0	61.9	61.6	61.8	61.1	61.0	61.1	61.0	62.9	67.3	69.5	71.3	71.9	74.4	75.5	70.0	78.5	77.6	77.1	76.8	71.1	122.7
20.0	56.7	56.2	57.1	55.9	55.8	55.9	56.6	58.5	64.6	66.8	68.4	69.5	71.5	73.2	75.8	76.2	75.4	73.6	75.0	68.7	124.3
																			DAPWL =		139.5
TSPL	90.8	91.0	90.7	88.4	88.0	87.7	88.1	88.4	90.2	92.6	96.1	97.2	99.2	100.4	102.1	101.1	101.3	102.1	105.1	103.6	
OSPL	90.8	90.9	90.6	88.4	88.0	87.6	88.1	88.4	90.1	92.6	96.0	97.1	99.2	100.4	102.1	101.1	101.2	102.1	105.1	103.6	
PNLT	101.7	103.3	101.7	101.3	100.9	100.5	99.8	99.0	99.9	102.0	105.4	106.7	108.8	109.9	111.5	110.6	111.3	112.9	115.3	112.5	
PNL	101.7	102.2	101.7	101.2	99.9	99.4	98.8	99.0	99.9	102.0	105.4	106.7	108.8	109.9	111.5	110.6	111.3	112.9	115.3	112.5	

CONDITION = 8337 ALTITUDE = 150. FT SIDELINE

OSPL		74.8	80.9	82.1	83.9	85.2	86.8	87.8	90.0	92.6	95.9	97.8	96.1	99.5	100.8	98.7	97.3	95.8	95.3	87.9	
PNL		83.1	90.8	93.2	95.5	96.7	97.4	98.4	99.7	102.1	105.2	106.4	108.2	109.0	110.1	108.1	107.1	106.1	104.8	94.6	
PNLT		85.1	90.8	94.3	96.5	97.9	97.4	98.4	99.7	102.0	105.2	106.4	108.2	109.0	110.1	108.1	107.1	106.1	104.8	94.6	

CONDITION = 8337 ALTITUDE = 200. FT SIDELINE

OSPL		72.1	76.2	74.4	81.3	82.6	84.2	85.2	87.4	90.0	93.3	94.2	96.0	96.9	98.2	96.1	94.6	93.1	92.7	85.2	
PNL		79.4	87.5	90.2	92.5	93.6	94.5	95.6	96.9	99.3	102.5	103.6	105.5	106.3	107.4	105.3	104.2	103.2	101.7	91.1	
PNLT		79.4	87.5	91.2	93.5	95.0	94.5	95.6	96.9	99.2	102.5	103.6	105.5	106.3	107.4	105.3	104.2	103.2	101.7	91.1	

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. C(c)-32

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7988
CORRECTED RPM = 8367

INLET TEMP = 13.00 F
TIME OF DAY = 1140
BARH. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.9	72.2	76.9	76.4	76.4	76.2	75.2	76.6	76.3	77.3	77.6	79.0	83.3	83.7	85.3	87.4	99.3	88.3	92.2	97.8	125.6
.063	76.0	74.8	74.9	76.0	75.2	75.4	75.0	76.4	76.1	77.1	76.0	77.3	81.7	83.4	84.6	87.9	88.9	88.0	90.8	96.4	124.9
.080	78.0	72.9	73.7	73.9	73.8	75.1	74.3	75.1	76.2	77.7	77.5	78.7	81.4	82.0	83.7	85.2	87.0	86.6	90.4	95.7	123.8
.100	77.5	73.5	74.6	73.6	73.3	73.5	72.8	73.2	74.7	77.4	77.3	78.9	83.1	84.5	84.1	86.3	85.5	83.8	88.1	94.1	123.0
.125	75.6	74.4	75.8	74.6	74.0	73.3	74.9	77.0	77.8	79.4	79.8	80.0	84.6	86.6	89.2	89.5	87.6	86.0	89.5	93.3	125.3
.160	76.0	77.7	76.3	74.5	75.4	77.0	77.0	77.8	78.8	81.1	83.5	84.6	87.8	89.3	92.8	95.3	91.1	88.7	91.3	92.6	128.9
.200	80.3	80.4	78.2	76.9	75.4	77.5	77.7	76.0	79.0	81.8	82.7	83.4	88.0	89.8	92.7	94.6	90.3	88.2	91.2	91.6	128.6
.250	81.1	80.4	79.1	76.9	75.9	75.9	76.9	77.9	78.9	83.5	84.4	85.3	88.8	90.9	93.4	94.0	87.9	88.1	90.9	91.3	128.5
.315	80.6	79.7	77.8	77.0	76.4	76.8	77.3	77.4	78.6	84.3	85.2	87.0	90.7	92.2	94.2	95.3	89.2	90.1	94.0	91.1	129.9
.400	79.9	80.1	79.6	77.4	76.8	77.2	77.5	77.9	79.9	84.1	85.8	87.1	91.3	93.3	95.2	95.7	90.6	91.1	95.4	91.3	130.7
.500	79.8	82.4	82.2	79.2	77.8	78.1	78.2	79.0	81.0	84.0	86.8	87.7	91.3	93.3	94.8	96.2	92.1	92.7	96.3	91.1	131.2
.630	86.8	82.4	81.1	78.4	77.6	77.5	78.2	79.1	81.2	84.2	85.9	87.1	90.8	92.6	94.1	95.6	91.5	92.8	94.8	90.9	130.6
.800	80.3	80.6	80.2	77.3	76.5	76.7	77.3	78.0	80.4	83.2	86.0	87.0	90.1	91.9	93.0	94.8	91.1	92.1	93.7	90.3	129.9
1.00	79.0	79.4	78.8	76.2	75.8	75.8	76.4	76.9	79.8	82.7	85.2	86.4	89.0	90.7	91.6	93.4	89.8	91.4	92.7	89.6	128.8
1.25	76.0	74.8	77.9	74.9	74.6	74.2	74.6	75.7	78.5	81.7	84.0	85.3	88.3	89.9	90.5	92.7	89.1	90.8	92.1	88.8	128.0
1.60	76.3	75.9	75.4	73.8	72.7	73.1	73.5	74.8	77.2	80.7	82.9	14.3	87.5	89.0	89.9	91.8	88.5	90.4	91.5	88.5	127.3
2.00	74.5	73.9	73.5	71.4	71.8	71.5	72.2	73.6	74.0	77.2	81.3	32.8	86.1	87.5	88.9	90.7	87.8	89.3	91.4	88.1	126.4
2.50	74.9	75.2	74.3	72.3	72.4	72.2	71.6	72.8	75.3	78.0	79.9	81.4	85.0	86.5	87.8	89.7	87.5	89.2	91.2	87.6	125.9
3.15	74.7	74.7	74.3	73.0	73.3	71.6	71.7	72.1	74.1	76.7	78.3	79.8	83.7	85.1	86.6	88.8	86.6	88.3	90.3	86.4	125.1
4.00	76.1	76.5	76.1	74.8	75.2	73.5	73.1	72.5	74.0	75.3	76.8	78.0	2.5	83.9	85.4	87.7	85.2	86.7	88.6	84.9	124.2
5.00	72.8	72.5	72.6	70.9	71.6	69.8	69.7	70.0	72.4	74.1	75.7	76.9	81.0	82.8	84.5	86.9	84.8	86.2	87.9	84.4	123.5
6.30	69.9	69.9	69.8	68.6	69.2	67.5	68.1	68.8	71.1	73.3	74.5	75.6	79.9	81.6	83.1	85.8	84.0	85.5	86.7	82.2	122.9
8.00	69.7	69.5	69.1	68.0	68.6	67.4	67.5	68.4	70.6	73.4	74.4	75.4	79.5	80.9	82.9	85.4	84.1	85.4	87.1	81.9	123.7
10.0	66.7	66.7	66.7	65.1	66.1	64.9	65.5	66.7	70.0	73.1	73.9	75.2	79.4	80.5	83.1	86.0	83.4	84.1	85.5	80.1	124.6
12.5	63.6	64.3	64.3	62.2	63.3	62.2	62.8	65.3	69.2	72.1	72.8	74.6	78.7	79.1	81.6	84.8	81.3	81.6	82.2	77.0	124.7
16.0	61.7	60.7	61.3	60.6	60.8	60.6	60.8	62.8	67.6	69.8	70.3	70.7	75.2	76.1	79.1	82.1	78.5	78.1	78.8	73.7	124.3
20.0	56.4	55.2	56.6	55.1	55.1	55.2	56.0	57.9	63.6	66.5	66.8	67.4	71.6	73.1	76.3	79.6	75.6	74.0	76.6	72.3	125.6
																				DAPNL =	141.6
TSPL	91.6	91.6	91.0	89.0	88.6	88.7	89.0	89.8	91.5	94.6	96.3	97.5	101.1	102.8	104.5	106.1	102.6	103.1	105.6	105.4	
OSPL	91.6	91.6	90.9	89.0	88.5	88.7	88.9	89.7	91.4	94.5	96.2	97.4	101.0	102.7	104.5	106.0	102.5	103.0	105.6	105.4	
PNLT	101.9	102.0	101.5	99.6	99.8	99.1	99.1	99.5	101.4	104.3	106.0	107.3	111.0	112.6	114.1	116.5	113.2	114.3	116.5	113.8	
PNL	101.9	102.0	101.5	99.8	99.6	99.1	99.1	99.5	101.4	104.3	106.0	107.3	111.0	112.6	114.1	116.0	113.2	114.3	116.5	113.8	

CONDITION = 8367 ALTITUDE = 150. FT SIDELINE

OSPL	75.5	81.2	82.7	84.5	86.3	87.7	89.2	91.3	94.5	96.1	97.1	100.5	101.9	103.2	103.6	98.5	96.7	95.8	89.7	
PNL	83.2	90.6	92.9	95.5	96.5	97.7	98.9	101.3	104.3	105.8	107.0	110.4	111.6	112.8	113.5	109.0	107.6	105.9	96.0	
PNLT	83.2	90.6	92.9	95.5	96.5	97.7	98.9	101.3	104.3	105.8	107.0	110.4	111.6	112.8	114.0	109.0	107.6	105.9	96.0	

CONDITION = 8367 ALTITUDE = 200. FT SIDELINE

OSPL	72.7	78.5	80.1	81.9	83.7	85.1	86.6	88.7	91.9	93.5	94.5	97.9	99.3	100.6	101.0	95.9	94.0	93.1	87.1	
PNL	79.8	87.3	89.8	92.5	93.6	94.9	96.1	98.5	101.5	103.1	104.2	107.7	108.9	110.0	110.7	106.1	104.6	102.8	92.5	
PNLT	79.8	87.3	89.8	92.5	93.6	94.9	96.1	98.5	101.5	103.1	104.2	107.7	108.9	110.0	111.2	106.1	104.6	102.8	92.5	

Point No. C(c)-33

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-306
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7572
CORRECTED RPM = 7923

INLET TEMP = 14.00 F
TIME OF DAY = 1148
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL -. (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.2	71.3	76.1	74.9	76.2	75.0	75.3	75.7	76.7	75.9	78.4	79.8	81.3	83.2	83.9	86.0	87.8	88.6	91.6	93.5	124.3
.063	76.2	73.5	75.7	74.8	75.8	74.3	75.9	75.3	76.3	75.7	77.9	77.7	80.7	82.4	82.9	86.0	87.6	88.0	90.0	91.2	123.5
.080	79.1	72.6	79.4	72.8	79.0	74.2	78.4	74.4	78.6	76.7	80.4	79.5	81.5	81.4	83.1	83.9	85.8	87.1	89.5	90.5	123.0
.100	77.1	72.7	76.4	72.2	75.6	72.0	75.2	71.7	75.9	76.1	78.9	79.4	81.9	82.8	83.4	83.9	84.5	84.4	87.6	89.3	121.8
.125	77.3	73.7	77.6	73.9	76.2	72.0	77.3	75.6	79.6	78.2	81.7	81.6	83.3	85.7	87.7	87.4	88.0	86.0	88.7	88.0	124.4
.160	79.1	76.9	78.6	74.1	76.3	75.4	76.8	76.6	80.3	80.0	84.5	85.2	86.3	88.0	90.3	93.1	91.0	88.8	90.6	87.7	127.6
.200	81.1	78.9	78.7	74.9	76.9	76.2	78.3	76.8	79.1	80.7	83.8	84.1	86.3	88.3	90.6	92.2	89.2	88.1	90.8	87.3	127.1
.250	81.6	79.3	79.9	76.1	77.6	74.8	78.4	76.7	79.6	82.5	85.1	86.0	87.5	89.5	91.2	90.5	87.4	87.7	91.1	88.1	127.0
.315	81.1	78.7	78.9	76.3	77.8	75.7	78.3	76.3	78.9	82.9	85.8	87.4	89.4	90.7	92.0	92.4	88.5	89.4	93.9	88.7	128.4
.400	79.9	78.8	80.1	76.3	78.0	75.8	78.3	77.1	79.6	82.7	86.7	87.9	90.1	91.7	93.2	93.1	89.6	90.4	95.6	89.6	129.4
.500	79.5	82.6	82.1	78.1	78.4	77.2	78.3	77.7	80.5	82.7	87.2	88.2	90.0	91.9	93.2	94.0	90.8	92.0	96.4	90.2	130.0
.630	80.6	79.3	80.3	76.9	77.3	76.4	77.5	77.8	80.4	82.6	86.3	87.8	89.5	91.0	92.5	93.5	90.3	92.2	94.8	90.4	129.4
.800	79.5	79.0	79.2	76.7	76.1	75.9	76.8	76.8	79.3	81.8	86.1	88.0	89.0	90.4	91.6	92.8	90.2	91.5	94.0	90.1	128.8
1.00	81.0	78.3	78.4	79.0	77.8	81.3	80.7	79.4	80.4	81.6	85.7	86.9	88.0	89.1	89.9	91.0	88.7	90.5	92.6	89.1	127.8
1.25	77.3	79.6	77.5	76.5	75.5	77.0	76.5	75.6	77.6	80.3	84.3	86.0	87.0	88.3	88.9	90.0	88.1	90.0	91.8	88.4	126.8
1.60	75.8	76.5	76.4	75.1	74.1	74.5	74.2	75.0	76.1	79.0	83.0	85.2	86.1	87.3	88.2	89.3	87.5	89.7	91.4	88.4	126.1
2.00	76.4	76.7	76.1	76.5	76.8	74.7	74.0	75.5	74.8	77.5	81.5	83.7	84.7	85.9	87.1	88.1	86.9	88.5	91.2	87.7	125.3
2.50	77.6	78.4	77.8	78.2	77.0	77.1	75.9	76.2	75.2	76.7	80.1	82.2	83.5	84.9	86.0	87.2	86.6	88.4	90.8	87.3	124.9
3.15	82.6	84.3	83.4	83.9	83.5	82.4	81.2	80.1	77.7	76.8	79.0	80.7	82.4	83.6	84.7	86.1	85.5	87.0	89.8	85.8	125.2
4.00	83.3	84.8	84.1	84.8	84.4	83.7	81.9	82.2	79.5	76.9	78.0	79.6	81.4	82.7	83.9	85.4	85.0	86.1	88.5	84.4	125.4
5.00	80.2	81.3	80.7	81.1	80.8	80.5	78.9	79.3	77.1	75.0	76.6	78.1	79.7	81.3	82.6	84.6	84.0	85.5	87.3	83.7	123.8
6.30	79.9	81.5	80.4	80.7	80.6	79.5	78.1	77.5	75.3	74.6	75.5	77.0	78.8	80.2	81.7	83.5	83.3	84.4	86.3	81.5	123.4
8.00	79.4	80.5	79.5	79.9	79.6	78.7	77.4	76.8	74.6	74.5	75.7	77.1	78.8	79.9	81.8	83.6	84.7	86.3	87.8	81.9	124.7
10.0	76.2	77.7	76.8	76.8	76.8	75.7	74.6	74.0	72.3	73.1	74.1	76.0	77.5	78.8	81.0	83.1	82.1	82.2	83.7	79.0	123.6
12.5	73.0	75.4	74.6	74.0	74.2	73.0	71.5	71.8	70.8	72.5	74.2	76.1	77.9	78.7	80.7	83.6	82.1	81.5	81.9	76.2	124.9
16.0	69.4	70.7	70.0	70.1	69.3	68.8	67.4	67.5	68.3	69.7	71.2	72.2	73.7	75.4	77.3	80.0	78.4	77.5	78.1	72.3	123.6
20.0	64.3	65.6	64.9	65.2	64.0	63.9	62.4	62.1	63.6	66.0	67.6	69.0	70.3	72.6	74.7	77.7	76.0	74.0	75.9	69.6	124.9
																			OAPNL =		140.6
TSPL	93.5	93.4	93.4	92.3	92.6	91.7	91.9	91.1	92.1	93.4	96.9	98.2	99.8	101.3	102.7	103.7	101.7	102.5	105.5	102.4	
OSPL	93.4	93.3	93.3	92.2	92.5	91.6	91.8	91.0	92.0	93.4	96.9	98.2	99.7	101.3	102.7	103.6	101.6	102.5	105.4	102.4	
PNLT	106.5	108.3	107.4	106.5	107.0	107.3	106.3	105.8	103.9	103.7	106.5	108.2	109.6	111.1	112.3	114.1	112.3	114.1	116.2	112.6	
PNL	106.5	107.2	106.8	106.5	106.5	105.7	105.0	104.7	103.9	103.7	106.5	108.2	109.6	111.1	112.3	113.5	112.3	113.6	116.2	112.6	

CONDITION = 7923 ALTITUDE = 150. FT SIDELINE

OSPL		75.6	83.0	85.4	88.3	89.0	90.5	90.4	91.9	93.4	96.8	97.9	99.2	100.4	101.4	101.2	97.6	96.2	95.6	86.4	
PNL		87.9	95.7	99.5	102.1	103.0	103.6	104.1	103.8	103.7	106.4	107.8	109.1	110.1	111.0	111.0	108.1	106.9	105.6	94.5	
PNLT		89.1	96.2	99.5	102.6	104.6	104.9	105.2	103.8	103.7	106.4	107.8	109.1	110.1	111.0	111.6	108.1	107.5	105.6	94.5	

CONDITION = 7923 ALTITUDE = 200. FT SIDELINE

OSPL		72.5	80.1	82.4	85.4	86.2	87.7	87.7	89.3	90.8	94.2	95.3	96.6	97.8	98.8	98.6	95.0	93.5	93.0	83.7	
PNL		84.0	92.4	96.3	99.0	100.1	100.7	101.3	101.0	100.9	103.7	105.1	106.3	107.4	108.2	108.2	105.3	104.0	102.5	91.0	
PNLT		85.2	92.9	96.3	99.6	101.7	102.0	102.3	101.0	100.9	103.7	105.1	106.3	107.4	108.2	108.8	105.3	104.5	102.5	91.0	

Point No. C(c)-34

ENGINE MODEL = -06
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6820
CORRECTED RPM = 7121

INLET TEMP = 16.00 F
TIME OF DAY = 1159
BARH. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER IE-12W
.050	75.4	70.2	74.5	74.4	74.3	74.8	74.0	75.0	75.0	75.3	77.5	78.4	80.4	81.4	82.6	84.2	86.8	85.7	90.6	94.9	123.2
.063	73.2	72.5	73.2	74.0	72.9	73.3	73.3	74.9	74.5	75.2	76.4	76.4	79.3	80.5	81.5	84.2	86.2	85.8	89.0	93.1	122.3
.080	72.8	70.5	71.6	72.0	71.7	73.1	72.4	73.3	74.2	75.6	77.2	78.0	78.5	79.1	80.7	81.7	83.8	84.2	87.6	92.0	120.9
.100	72.3	71.7	72.6	71.6	71.1	71.2	70.6	71.3	72.2	74.7	77.2	78.3	80.5	81.6	81.5	82.2	82.8	81.8	86.0	90.6	120.3
.125	73.8	73.3	75.2	73.6	72.9	71.4	72.8	75.0	75.4	76.7	79.8	80.1	83.1	84.6	86.1	86.5	85.5	84.7	87.2	89.1	122.9
.160	76.4	75.8	75.1	73.5	73.9	74.3	75.1	75.4	76.6	78.5	82.8	83.9	85.8	86.6	89.8	91.9	89.4	88.0	90.4	88.9	126.5
.200	78.3	77.7	75.8	74.0	73.1	75.0	75.6	75.5	76.5	79.4	82.3	82.9	85.7	87.1	89.3	90.3	88.2	87.7	90.6	87.8	125.8
.250	80.2	74.0	77.8	75.7	74.2	73.9	74.9	76.1	76.8	81.4	83.8	85.0	87.1	88.6	90.6	89.9	86.8	87.0	90.8	87.8	126.2
.315	79.6	79.4	78.7	78.1	76.4	76.5	76.6	76.5	76.9	82.2	85.2	86.8	88.9	90.3	91.8	92.0	88.6	89.1	93.9	87.7	128.1
.400	77.9	78.2	78.2	76.1	75.3	75.3	75.9	76.1	77.9	82.0	86.0	86.9	88.9	90.9	92.9	92.7	89.7	89.9	95.1	88.4	128.8
.500	77.5	79.7	79.7	76.8	76.0	76.4	76.2	77.0	79.0	82.1	86.3	87.3	89.3	91.1	92.4	93.1	90.8	91.7	96.9	89.2	129.3
.630	78.8	78.5	78.2	76.4	75.9	75.9	76.2	77.3	79.7	82.3	86.2	87.5	89.3	90.8	92.2	93.3	91.1	92.6	95.8	89.4	129.5
.800	78.8	78.0	77.8	76.0	75.5	75.6	75.9	77.0	79.1	81.9	86.4	88.0	89.0	90.2	91.6	93.5	92.1	92.3	94.7	89.1	129.4
1.00	77.3	76.7	76.2	74.5	74.7	74.9	75.0	76.1	78.6	81.1	85.5	87.0	87.8	89.0	90.1	91.3	89.7	91.6	93.7	88.4	127.9
1.25	75.8	76.4	75.7	73.8	73.2	73.6	73.8	74.5	76.8	80.0	84.2	86.0	86.9	88.1	88.8	90.2	88.8	90.7	92.3	87.4	126.9
1.60	74.4	74.2	74.2	73.0	72.5	72.3	72.6	73.4	75.4	78.9	82.9	84.8	86.1	87.2	88.0	89.3	88.0	90.0	91.5	87.0	126.1
2.00	75.4	75.0	75.0	72.5	73.4	72.3	71.8	73.2	74.4	77.4	81.6	83.6	84.7	86.0	87.1	88.3	87.5	89.2	91.2	86.4	125.4
2.50	77.6	77.6	77.6	77.0	76.3	74.7	73.5	73.9	74.3	76.6	80.2	82.0	83.3	85.0	86.1	87.1	87.0	88.9	90.8	85.9	124.9
3.15	87.8	88.5	89.6	89.5	88.5	85.6	86.2	81.5	80.2	77.9	79.5	80.6	82.3	83.9	85.1	86.2	85.8	87.5	89.4	84.5	127.2
4.00	76.5	76.6	76.9	76.6	77.6	75.6	74.3	72.8	73.2	73.9	77.4	78.7	81.0	82.5	84.0	85.1	84.6	86.4	88.1	83.1	123.3
5.00	80.6	80.6	81.5	81.0	80.1	78.0	77.1	76.0	75.7	73.8	76.4	77.6	79.5	81.4	83.0	84.5	84.4	86.4	87.6	82.7	123.6
6.30	86.3	86.7	86.9	87.3	87.6	86.4	85.4	83.7	83.0	78.5	77.2	77.3	79.2	80.7	82.2	83.7	84.0	85.8	86.3	81.1	127.1
8.00	82.0	81.8	82.0	82.0	82.0	80.7	79.7	78.1	76.6	75.3	75.6	76.3	78.4	79.8	81.9	83.5	85.1	87.7	87.7	81.8	125.5
10.0	81.9	82.3	82.9	83.4	83.6	82.4	81.6	79.7	78.8	76.8	75.2	75.9	78.0	78.7	81.0	82.6	81.8	82.1	82.7	77.6	126.0
12.5	78.0	79.6	80.4	80.6	80.6	78.9	77.6	76.9	76.1	74.4	74.4	75.4	78.0	78.3	80.4	82.6	81.4	81.4	81.4	75.1	126.0
16.0	74.4	74.7	75.5	75.8	75.3	74.5	73.3	72.2	71.9	70.5	70.3	70.3	72.5	73.6	75.9	77.9	76.6	76.3	76.7	70.7	123.8
20.0	70.4	70.4	71.4	71.7	71.0	70.4	69.3	67.4	67.9	67.0	66.3	66.6	69.0	70.4	72.9	74.9	73.6	72.1	74.1	68.2	124.4
																				OAPWL =	140.6
TSPL	94.0	94.2	94.7	94.4	93.9	92.6	92.3	91.1	91.4	93.0	96.4	97.7	99.3	100.8	102.3	103.2	101.7	102.5	105.5	102.6	
OSPL	93.9	94.0	94.4	94.1	93.7	92.3	92.0	90.8	91.2	92.9	96.3	97.6	99.3	100.7	102.3	103.2	101.6	102.5	105.5	102.6	
PNLT	111.6	112.1	113.1	112.8	112.0	109.9	110.4	106.8	106.3	104.5	106.4	107.7	109.3	110.8	112.2	113.9	112.5	114.5	116.7	111.0	
PNL	108.3	108.7	109.3	108.9	108.1	106.3	106.3	104.1	104.1	103.9	106.4	107.7	109.3	110.8	112.2	113.3	112.5	113.9	116.2	111.8	

CONDITION = 7121 ALTITUDE = 150. FT SIDELINE

OSPL		75.3	83.2	86.9	85.1	89.6	90.6	90.2	91.1	92.9	96.2	97.3	98.7	99.8	101.0	100.8	97.6	96.1	95.7	86.8	
PNL		89.4	98.2	101.9	103.7	103.7	104.9	103.5	104.0	103.9	106.3	107.4	108.8	109.9	110.8	110.8	108.3	107.2	105.6	93.7	
PNLT		93.0	102.1	105.8	107.6	107.3	109.1	106.2	106.1	104.5	106.3	107.4	108.8	109.9	110.8	111.3	108.3	107.8	105.6	93.7	

CONDITION = 7121 ALTITUDE = 200. FT SIDELINE

OSPL		72.0	80.0	83.7	85.9	86.6	87.6	87.4	88.3	90.3	93.6	94.7	96.2	97.3	98.4	98.2	95.0	93.4	93.0	84.1	
PNL		85.4	94.9	98.6	100.7	100.6	102.1	100.6	101.0	101.1	103.5	104.7	106.0	107.2	108.1	108.0	105.4	104.2	102.5	90.2	
PNLT		89.1	98.8	102.7	104.6	104.4	106.2	103.3	103.2	101.8	103.5	104.7	106.0	107.2	108.1	108.5	105.4	104.9	102.5	90.2	

Point No. C(c)-35

ENGINE MODEL = -06
ENGINE NUMBER = 764741

STAND = X-306
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7180
CORRECTED RPM = 7505

INLET TEMP = 15.00 F
TIME OF DAY = 1210
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	75.8	74.4	75.6	74.9	75.5	75.0	74.3	75.5	75.7	76.0	78.3	79.7	81.1	82.5	83.4	85.5	87.1	89.3	96.3	88.7	125.4
.063	74.0	73.2	74.2	74.7	73.8	74.4	74.0	75.0	75.0	76.1	77.1	78.0	80.4	81.9	83.1	86.1	87.4	88.5	95.0	87.1	124.7
.080	73.4	72.1	72.6	72.6	73.0	74.1	73.2	74.2	75.2	76.8	78.4	79.7	80.1	80.9	82.6	83.7	86.1	87.4	94.2	86.2	123.8
.100	73.7	72.9	73.5	72.4	72.1	72.4	71.7	71.7	73.1	76.1	77.6	80.1	81.2	82.6	83.2	84.2	85.8	84.9	92.3	84.3	122.8
.125	75.2	73.8	75.0	73.9	73.6	72.4	74.1	75.7	76.7	78.1	80.6	81.9	82.2	85.9	85.8	88.0	89.2	86.9	91.6	83.9	124.7
.160	77.1	76.6	75.0	74.4	74.4	75.6	75.9	76.6	77.8	80.0	84.1	85.8	86.5	88.6	89.7	93.6	93.7	89.8	91.4	83.4	128.3
.200	79.1	79.1	78.4	75.2	74.4	76.4	76.6	76.6	78.0	81.0	83.9	84.7	86.8	89.2	90.5	93.3	94.2	88.9	91.1	83.6	128.4
.250	80.4	79.7	78.2	78.5	75.3	75.1	76.3	77.0	78.2	82.7	85.4	86.8	88.1	90.6	91.5	92.1	93.6	88.7	90.0	85.4	128.3
.315	80.4	79.5	77.7	77.1	76.3	76.2	77.1	77.0	78.2	83.4	86.9	88.5	90.7	92.2	93.0	94.1	94.6	90.9	91.9	86.8	129.9
.400	78.9	79.5	78.4	77.4	76.6	76.2	77.1	77.4	79.1	83.4	87.2	88.7	90.9	93.0	94.5	94.9	94.9	91.5	93.5	87.5	130.7
.500	78.9	80.6	80.3	78.1	77.5	77.4	77.2	78.3	80.6	83.4	87.7	89.2	91.0	92.5	94.1	95.1	95.9	92.9	94.6	88.6	131.1
.630	79.9	79.9	79.0	77.4	77.2	77.3	77.4	78.8	81.2	84.1	87.5	89.6	91.1	92.6	94.0	95.4	96.5	93.9	94.2	89.6	131.5
.800	79.8	79.3	78.4	76.8	76.6	76.9	76.9	78.1	80.5	83.0	87.4	89.5	90.4	91.5	93.2	94.9	96.4	93.0	92.6	88.8	130.9
1.00	78.8	78.6	77.7	76.8	77.2	78.0	77.0	77.9	80.5	82.8	87.3	88.8	89.7	90.4	91.7	93.6	95.4	92.8	92.0	88.5	130.1
1.25	78.3	78.2	77.5	75.4	74.7	75.9	78.1	76.0	78.6	81.7	85.7	87.7	88.6	89.6	90.5	92.7	94.5	92.0	91.1	87.5	129.1
1.60	75.8	75.8	74.9	74.1	73.3	73.9	74.1	74.9	77.0	80.7	84.7	86.6	88.0	88.9	89.8	91.8	93.6	91.4	90.4	87.1	128.4
2.00	75.8	76.1	75.6	74.5	73.6	73.6	72.9	74.7	75.7	79.2	83.1	85.2	86.4	87.4	88.7	90.6	93.1	90.5	89.9	86.6	127.5
2.50	78.0	76.3	77.6	77.2	76.1	75.3	73.4	74.9	75.0	78.1	81.7	83.7	85.2	86.7	87.7	89.7	92.5	90.1	89.5	86.4	127.0
3.15	85.4	87.8	86.4	88.3	87.9	86.6	83.7	81.2	76.8	78.9	80.5	82.4	83.9	85.5	86.5	88.8	91.9	88.8	88.5	84.7	128.0
4.00	78.6	80.4	79.2	80.4	79.5	78.9	76.6	75.9	75.5	75.9	78.5	80.6	82.6	84.3	85.4	87.8	90.8	87.6	87.2	83.5	125.8
5.00	79.3	80.4	80.0	80.2	79.9	79.4	78.4	77.9	77.2	75.7	77.5	79.2	80.9	82.9	84.2	86.9	89.8	86.9	86.5	83.2	125.3
6.30	84.1	86.1	85.1	85.6	85.7	85.3	84.3	83.1	82.4	79.0	77.2	78.4	79.9	81.8	83.0	85.5	89.0	85.8	85.5	80.8	127.0
8.00	82.1	82.7	82.4	82.5	82.2	82.2	81.1	80.3	78.7	77.3	76.4	78.1	79.7	81.4	83.1	85.7	89.7	87.8	88.1	81.9	127.1
10.0	79.6	81.5	81.5	81.6	81.5	80.9	79.0	78.3	76.9	76.0	74.8	76.9	78.0	79.8	81.6	84.2	87.6	82.7	82.6	78.0	126.3
12.5	78.3	78.9	79.2	78.3	78.7	77.6	75.9	75.5	74.4	74.1	74.0	76.3	77.9	79.3	80.6	84.0	87.6	82.0	81.2	75.6	127.1
16.0	72.7	73.8	74.3	74.0	73.6	73.1	71.6	71.0	70.8	70.6	70.2	71.6	72.8	74.9	76.5	79.7	83.0	77.0	76.8	71.1	125.0
20.0	68.2	69.3	69.6	69.8	69.0	68.7	67.2	65.8	66.3	66.9	66.0	67.8	68.7	71.8	73.1	76.6	80.0	72.7	74.2	6.1	125.6
																				OAPWL =	142.3
TSPL	93.4	94.4	93.6	93.7	93.4	93.0	92.0	91.6	92.3	94.4	97.7	99.4	100.9	102.4	103.7	105.4	106.8	103.9	105.7	100.1	
OSPL	93.3	94.2	92.3	93.6	93.2	92.8	91.8	91.5	92.1	94.3	97.7	99.4	100.8	102.4	103.6	105.3	106.7	103.9	105.6	100.1	
PNLT	109.6	111.5	110.3	111.5	111.3	110.4	108.4	108.5	105.7	105.2	107.6	109.5	110.9	112.5	113.6	115.6	118.0	115.7	116.2	111.2	
PNL	107.3	108.7	107.6	108.4	107.4	107.2	105.5	104.5	104.6	105.2	107.6	109.5	110.9	112.5	113.6	115.6	118.0	115.2	115.5	111.2	

CONDITION = 7505 ALTITUDE = 150. FT SIDELINE

OSPL		75.9	82.3	86.5	88.7	90.1	90.4	90.9	92.0	94.3	97.5	99.1	100.3	101.5	102.4	102.9	102.7	97.5	96.0	83.8	
PNL		89.5	96.6	101.4	103.6	104.6	104.1	103.9	104.4	105.2	107.5	109.1	110.3	111.6	112.3	113.1	113.7	108.4	105.0	92.9	
PNLT		92.4	99.3	104.6	106.9	107.8	107.1	105.9	105.6	105.2	107.5	109.1	110.3	111.6	112.3	113.1	113.7	109.1	105.7	92.9	

CONDITION = 7505 ALTITUDE = 200. FT SIDELINE

OSPL		72.7	79.2	83.4	85.7	87.2	87.5	88.1	89.3	91.7	95.0	96.5	97.7	98.9	99.8	100.3	100.0	94.9	93.3	81.0	
PNL		85.6	93.3	98.3	100.6	101.7	101.3	101.1	101.5	102.4	104.7	106.4	107.6	108.8	109.5	110.3	110.8	105.5	101.9	89.4	
PNLT		88.5	96.6	101.5	104.0	104.9	104.2	103.0	102.7	102.4	104.7	106.4	107.6	108.8	109.5	110.3	110.8	106.1	102.7	89.4	

Point No. C(c)-36

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = [illegible]506
DATE = 01/21/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 7375
CORRECTED RPM = 7709

INLET TEMP = 15.00 F
TIME OF DAY = 1217
BARH. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.5	71.5	76.2	75.9	76.3	76.1	75.8	76.0	76.9	76.8	79.3	80.3	82.4	83.1	84.3	86.5	90.8	88.4	92.6	97.1	122.7
.063	75.1	74.5	75.2	76.1	74.6	75.4	74.9	76.3	76.4	76.6	77.9	78.6	81.3	82.7	83.4	86.8	90.0	87.7	90.8	94.6	120.4
.080	74.2	75.6	73.6	76.2	74.0	76.6	74.5	76.4	76.2	78.5	79.2	80.6	81.5	81.9	83.4	84.6	88.7	86.9	90.1	94.9	[illegible]9
.100	74.6	77.6	74.3	77.0	73.2	75.6	72.9	76.3	74.6	79.3	78.6	81.5	82.4	84.3	84.1	85.6	87.9	84.5	88.5	97.1	123.9
.125	75.6	76.8	75.9	76.8	74.4	76.2	75.1	78.2	78.2	80.2	81.7	83.4	83.8	87.1	88.0	89.1	90.0	87.1	89.0	97.5	125.6
.160	77.4	76.7	76.6	76.7	75.3	77.6	76.9	78.3	79.0	81.4	85.2	86.6	87.4	89.3	91.3	95.1	92.4	90.3	91.3	97.9	130.0
.200	79.9	80.8	78.6	77.5	75.2	78.1	77.5	78.3	79.3	82.1	85.0	85.3	87.6	89.7	92.1	94.7	91.1	89.2	91.6	98.5	130.7
.250	81.2	80.9	79.3	78.0	76.3	76.6	77.0	78.3	79.3	83.9	86.4	87.5	89.1	91.1	92.8	93.2	89.4	88.8	91.7	98.7	130.0
.315	81.0	80.3	78.9	78.2	77.1	77.3	78.2	77.8	79.3	84.4	87.5	88.9	91.4	92.6	94.3	95.3	90.7	90.9	95.3	88.[illegible]	130.4
.400	79.9	79.9	79.9	77.9	77.6	77.0	78.1	78.3	80.3	84.2	88.1	89.3	91.7	93.6	95.4	96.3	91.7	91.6	96.1	89.7	[illegible]
.500	80.3	81.5	82.2	79.7	78.4	77.7	78.5	79.0	81.6	84.0	86.4	89.7	91.6	93.2	95.1	96.6	92.7	93.0	96.9	89.4	131.6
.630	81.5	81.0	81.1	77.9	78.7	77.2	79.0	79.3	82.3	84.5	88.5	89.8	91.9	93.0	94.6	96.9	93.0	93.9	96.4	89.9	131.7
.800	81.0	79.7	80.2	77.4	78.1	77.1	78.8	78.5	81.5	84.0	88.5	89.9	91.1	92.3	94.0	96.2	93.1	93.0	95.4	89.3	131.2
1.00	80.1	79.7	80.5	77.7	79.3	80.9	81.4	79.3	82.0	83.7	88.1	89.3	90.4	91.1	92.6	95.1	92.3	93.1	94.9	89.0	130.5
1.25	79.2	79.7	78.9	77.0	77.1	77.1	78.9	77.3	79.9	82.6	86.9	88.3	89.4	90.5	91.5	94.1	92.1	92.1	93.8	88.1	129.6
1.60	76.8	76.4	76.7	75.4	76.0	74.7	76.3	75.5	78.3	81.5	85.8	87.2	88.5	89.6	90.7	93.4	91.1	91.9	93.2	87.8	128.9
2.00	76.3	76.2	77.6	75.4	75.8	74.8	75.4	75.7	77.2	80.0	84.3	85.8	87.3	88.2	89.9	92.3	90.6	90.9	92.9	87.3	128.1
2.50	77.5	78.3	78.7	78.0	77.6	77.5	76.2	76.8	76.7	79.1	82.9	84.3	86.4	87.5	88.9	91.5	90.1	90.7	92.6	87.3	127.6
3.15	87.2	88.3	88.2	87.4	87.7	84.8	84.3	81.4	79.8	79.4	81.7	82.9	84.9	86.3	87.7	90.4	89.3	89.6	91.6	85.8	128.3
4.00	82.6	83.7	83.9	83.5	84.9	82.3	81.9	80.2	80.3	78.0	80.3	81.4	84.0	85.0	86.8	89.7	88.5	88.6	90.1	84.7	127.1
5.00	80.2	81.4	82.1	81.3	81.9	80.9	81.6	80.1	80.6	77.4	79.3	80.2	82.2	83.9	85.7	88.7	87.5	87.9	89.[illegible]	84.2	126.2
6.30	83.3	85.4	85.6	84.7	85.0	84.2	84.3	82.4	81.8	78.8	78.5	79.2	81.2	82.8	84.5	87.5	86.7	86.8	87.9	82.1	127.1
8.00	81.6	83.3	83.5	82.5	83.1	82.1	82.3	80.3	78.9	77.8	78.0	79.0	81.1	82.4	84.6	87.2	87.6	88.0	89.1	82.7	127.4
10.0	79.4	81.5	81.9	80.6	81.5	79.8	79.9	77.7	76.8	76.2	76.4	77.8	79.5	80.9	83.4	86.3	85.2	84.2	85.1	79.6	126.6
12.5	76.3	79.1	79.3	77.7	78.3	76.7	76.4	75.4	74.5	74.5	75.4	77.0	79.1	80.0	82.1	85.6	84.1	83.1	83.5	77.3	127.0
16.0	72.6	74.2	74.5	73.8	73.6	72.6	72.2	71.0	71.0	71.3	72.3	72.8	74.7	76.2	78.6	81.9	80.3	78.6	79.5	73.5	125.5
20.0	68.2	69.4	69.9	69.4	68.8	67.9	67.8	65.7	66.7	67.6	68.1	69.2	71.2	73.1	75.3	79.0	77.7	74.3	77.0	71.1	126.3
																				DAPNL =	142.8
TSPL	94.3	95.1	95.1	94.1	94.2	93.3	93.4	92.5	93.4	95.3	98.7	100.0	101.7	103.1	104.8	106.8	104.4	104.2	106.7	104.1	
OSPL	94.2	95.0	94.9	93.9	94.0	93.1	93.2	92.4	93.3	95.2	98.7	99.9	101.7	103.1	104.7	106.8	104.4	104.1	106.7	104.1	
PNLT	110.9	111.9	111.7	110.7	110.9	108.6	108.6	105.3	105.4	106.0	108.8	110.1	112.0	113.3	114.8	117.8	115.6	115.6	117.7	113.1	
PNL	108.5	109.4	109.4	108.4	108.6	107.0	106.9	105.3	105.4	106.0	108.8	110.1	112.0	113.3	114.8	117.2	115.6	115.6	117.7	113.1	

CONDITION = 7709 ALTITUDE = 150. FT SIDELINE

OSPL		77.0	84.0	87.0	89.5	90.5	91.8	91.8	93.2	95.2	98.5	99.6	101.1	102.2	103.4	104.4	100.3	97.7	96.8	88.3
PNL		90.2	98.3	101.5	104.2	104.4	105.5	104.7	105.3	106.0	108.6	109.8	111.4	112.3	113.5	114.7	111.3	108.9	107.1	95.1
PNLT		92.8	100.7	103.7	106.5	106.0	107.2	104.7	105.3	106.0	108.6	109.8	111.4	112.3	113.5	115.2	111.3	108.9	107.1	95.1

CONDITION = 7709 ALTITUDE = 200. FT SIDELINE

OSPL		73.8	80.9	84.0	86.6	87.6	89.0	89.1	90.5	92.6	95.9	97.0	98.5	99.6	100.8	101.7	97.7	95.0	94.1	85.7
PNL		86.4	95.0	98.4	101.2	101.5	102.6	101.9	102.5	103.2	105.9	107.0	108.6	109.6	110.7	111.9	108.4	106.0	104.0	91.6
PNLT		89.0	97.4	100.7	103.5	103.1	104.4	101.9	102.5	103.2	105.9	107.0	108.6	109.6	110.7	112.4	108.4	106.0	104.0	91.6

Point No. C(c)-37

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-306
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7538
CORRECTED RPM = 7871

INLET TEMP = 16.00 F
TIME OF DAY = 1223
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.5	71.3	76.2	75.6	76.4	75.7	75.3	76.3	76.4	77.0	79.3	80.5	82.8	83.1	84.9	86.4	88.4	87.6	95.0	95.6	125.6
.063	75.6	74.4	74.9	75.3	74.7	74.8	75.0	76.0	76.1	76.6	78.1	78.8	81.7	82.9	84.2	87.4	88.2	87.6	93.4	94.3	124.9
.080	76.8	72.1	73.9	73.3	74.0	74.9	74.4	74.8	76.6	77.9	79.7	80.7	81.6	81.8	84.1	85.2	87.4	86.8	92.3	93.6	124.1
.100	76.2	72.3	74.6	73.0	73.3	73.0	72.8	72.8	74.3	77.2	78.8	81.0	82.9	84.4	84.6	86.3	86.8	83.7	90.2	92.2	123.4
.125	75.4	74.3	76.1	74.5	74.2	73.2	75.0	77.1	77.7	79.2	81.6	83.2	84.0	86.9	87.6	90.1	89.6	86.2	90.4	90.9	125.6
.160	77.8	77.3	76.2	74.2	75.8	76.6	77.2	77.8	78.8	81.5	85.5	87.3	87.8	89.3	91.9	95.9	94.0	89.4	91.5	90.9	129.6
.200	80.1	80.2	77.8	75.8	75.3	77.5	77.8	78.2	79.1	82.2	85.4	85.9	88.1	89.9	92.2	95.8	94.2	88.8	91.9	90.2	129.7
.250	81.1	80.6	79.3	77.3	76.4	76.4	77.2	78.4	79.6	84.3	86.7	88.3	89.6	91.7	93.0	95.3	92.6	88.7	91.2	90.8	129.7
.315	81.0	80.2	78.4	76.0	77.1	77.3	78.2	78.2	79.3	84.9	88.1	89.8	91.9	93.2	94.4	96.8	94.0	91.2	94.1	91.7	131.3
.400	79.8	80.5	79.8	77.8	77.3	77.0	78.2	78.5	80.4	84.9	88.6	90.0	92.2	94.3	95.5	97.3	94.5	92.0	95.3	93.0	132.0
.500	80.1	83.3	82.1	79.2	78.5	78.2	78.6	79.2	81.7	84.7	89.1	90.1	92.2	93.8	95.3	97.0	95.5	93.1	96.4	93.4	132.2
.630	81.6	82.1	81.2	79.0	78.3	78.2	78.8	79.7	82.3	85.1	88.8	90.3	92.5	93.7	95.2	97.1	96.0	94.1	95.8	94.2	132.4
.800	81.0	80.3	80.0	77.7	77.6	77.4	78.3	78.6	81.5	84.5	88.8	90.3	91.5	93.0	94.1	96.3	95.9	93.3	94.2	93.2	131.7
1.00	81.7	80.6	79.9	78.1	79.2	83.2	82.7	79.8	83.2	84.4	88.6	89.8	91.0	92.0	92.9	95.5	95.3	93.5	94.2	93.6	131.3
1.25	80.0	81.1	79.3	77.6	77.8	77.6	78.3	77.5	80.3	83.5	87.3	88.8	90.1	91.2	91.8	94.7	94.8	92.5	93.0	92.4	130.4
1.60	76.9	77.7	76.9	75.7	75.5	75.8	76.6	76.9	78.8	82.4	86.1	87.8	89.3	90.4	91.1	94.0	94.4	91.9	92.0	92.2	129.8
2.00	76.3	77.0	76.8	76.3	75.9	76.5	76.2	77.3	77.7	80.8	84.8	86.6	87.9	89.1	90.2	92.9	93.5	90.8	91.7	91.9	128.9
2.50	79.3	79.2	78.5	78.4	77.9	79.3	76.9	78.4	77.6	80.0	83.4	85.0	86.9	88.2	89.2	91.9	92.8	90.5	91.4	91.3	128.4
3.15	84.2	85.0	85.7	85.1	85.0	83.9	82.9	80.8	79.3	79.8	82.0	83.7	85.6	87.0	88.0	91.1	92.0	89.5	90.5	90.2	128.4
4.00	84.1	84.6	85.3	85.1	85.1	85.0	84.1	82.8	81.5	79.1	80.9	82.2	84.6	85.9	87.2	90.3	91.1	88.6	89.4	88.8	128.2
5.00	86.9	81.7	82.0	81.3	81.6	81.4	81.3	80.2	79.8	77.5	79.4	80.8	82.7	84.4	86.0	89.3	90.2	87.7	88.5	88.0	126.9
6.30	81.9	83.5	83.1	82.6	82.6	82.1	81.4	79.6	78.2	77.1	78.2	79.5	81.6	83.3	84.6	88.0	88.9	86.6	87.3	86.2	126.5
8.00	81.1	82.1	82.0	81.3	81.5	81.0	80.2	78.2	76.8	76.8	77.6	79.1	81.1	82.5	84.5	87.7	89.5	87.3	88.5	85.9	127.3
10.0	78.4	79.6	79.7	78.8	78.9	78.4	77.4	75.8	74.9	75.5	76.2	78.1	79.9	81.3	83.5	86.8	87.8	84.2	85.0	83.7	126.8
12.5	75.1	77.2	77.2	75.6	76.0	75.2	74.1	73.3	72.9	74.1	75.4	77.4	79.3	80.3	82.0	86.1	86.8	83.1	83.1	81.0	127.3
16.0	71.2	72.0	72.4	71.6	71.1	70.7	69.9	68.8	69.7	70.8	71.9	73.0	74.6	76.3	78.4	82.3	82.7	78.4	79.1	77.1	125.7
20.0	66.7	67.4	67.7	67.0	66.2	66.1	65.4	63.5	65.2	67.3	68.0	69.6	70.9	73.4	75.3	79.5	80.1	74.3	76.9	74.4	126.8
																			OAPHL =		143.4
TSPL	94.1	94.5	94.3	93.2	93.2	93.3	92.9	92.4	93.3	95.7	99.1	100.5	102.2	103.7	105.0	107.5	106.7	104.1	106.4	105.8	
OSPL	94.0	94.4	94.1	93.1	93.1	93.2	92.9	92.3	93.2	95.6	99.1	100.5	102.2	103.7	105.0	107.5	106.7	104.1	106.4	105.7	
PNLT	107.4	108.9	109.3	108.3	108.3	109.0	108.1	105.8	105.7	106.3	109.2	110.7	112.5	113.9	115.1	117.9	118.1	115.5	117.0	116.5	
PNL	107.4	107.9	108.0	107.2	107.1	107.1	106.6	105.8	105.7	106.3	109.2	110.7	112.5	113.9	115.1	117.9	118.1	115.5	117.0	116.5	

CONDITION = 7871 ALTITUDE = 150. FT SIDELINE

OSPL	76.7	83.4	86.2	88.7	90.6	91.5	91.7	93.1	95.6	98.9	100.2	101.6	102.8	103.7	105.1	102.6	97.7	96.6	89.6	
PNL	88.8	97.0	100.2	102.7	104.6	105.2	105.2	105.5	106.3	109.0	110.4	111.9	113.0	113.7	115.3	113.8	108.8	106.5	98.4	
PNLT	90.0	98.3	101.4	103.9	106.4	106.7	105.2	105.5	106.3	109.0	110.4	111.9	113.0	113.7	115.3	113.8	108.8	106.5	98.4	

CONDITION = 7871 ALTITUDE = 200. FT SIDELINE

OSPL	73.7	80.4	83.2	85.8	87.7	88.7	89.0	90.4	93.0	96.3	97.6	99.1	100.2	101.1	102.5	100.0	95.0	93.9	86.9	
PNL	85.0	93.7	97.1	99.8	101.5	102.3	102.4	102.7	103.5	106.3	107.6	109.2	110.2	111.0	112.5	110.9	105.8	103.4	94.8	
PNLT	86.2	95.1	98.3	100.9	103.4	103.8	102.4	102.7	103.5	106.3	107.6	109.2	110.2	111.0	112.5	110.9	105.8	103.4	94.8	

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. C(c)-38

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7622
CORRECTED RPM = 7967

INLET TEMP = 15.00 F
TIME OF DAY = 1230
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	77.2	72.9	76.4	76.1	76.5	76.5	75.4	76.9	76.7	77.4	79.8	81.4	83.0	84.2	85.4	87.3	88.5	88.9	92.8	94.5	125.3
.063	75.4	75.6	74.9	77.0	74.9	76.3	74.9	77.1	76.1	77.4	78.6	79.6	81.9	83.9	84.7	88.1	88.4	88.3	90.6	93.0	124.6
.080	74.9	76.3	73.8	77.3	74.2	77.5	74.7	77.5	76.6	79.7	79.9	81.6	82.0	83.0	84.3	85.9	87.0	87.5	90.2	91.9	123.9
.100	74.4	77.8	74.3	77.8	73.1	77.2	73.0	76.6	74.6	79.6	79.4	81.8	83.5	85.2	85.1	87.7	85.9	85.2	88.3	90.1	123.6
.125	75.7	77.9	75.5	77.8	74.3	77.1	75.4	79.2	78.2	81.1	82.5	83.7	85.0	87.0	89.4	90.1	89.2	86.5	89.3	89.2	125.9
.160	77.9	79.6	76.1	78.0	75.6	78.8	77.5	79.7	79.2	82.4	85.9	87.4	88.4	89.5	93.2	95.6	92.9	88.9	90.8	88.5	129.5
.200	80.3	81.5	78.0	78.1	75.5	79.4	78.1	79.5	79.7	83.1	85.7	86.5	86.9	90.2	94.1	96.5	92.2	89.3	91.4	87.8	130.0
.250	81.3	81.7	79.3	79.1	76.4	78.1	77.4	79.7	79.4	84.6	87.1	88.6	89.9	91.7	94.5	95.9	90.1	89.4	91.5	88.1	130.0
.315	81.3	81.0	78.8	79.0	77.5	78.5	78.6	79.3	79.6	85.6	88.3	90.2	92.2	93.5	95.4	96.9	91.9	91.7	95.6	89.9	131.5
.400	80.2	81.0	79.7	79.2	77.7	78.3	78.5	79.1	80.6	85.2	88.9	90.2	92.6	94.7	96.4	97.3	93.0	91.8	96.4	91.0	132.2
.500	80.6	83.2	82.5	79.9	79.1	79.0	79.0	79.7	82.4	85.2	89.5	90.5	92.5	94.3	96.1	97.1	93.9	93.0	97.1	91.7	132.3
.630	82.3	82.3	81.4	79.4	78.7	78.2	79.7	80.3	82.8	85.5	89.5	90.6	92.8	94.3	95.7	97.1	94.6	94.4	96.8	93.4	132.5
.800	81.4	80.7	80.4	78.3	78.0	77.7	79.1	79.1	81.9	84.6	89.3	90.6	91.7	93.5	94.7	96.5	94.5	93.8	95.2	92.6	131.8
1.00	82.0	81.4	80.8	80.5	79.8	82.9	83.1	80.7	82.6	84.7	89.3	90.3	91.5	92.8	93.7	95.9	94.3	94.3	95.8	93.4	131.7
1.25	80.1	80.1	79.2	77.8	77.2	77.4	78.0	78.2	80.6	83.7	88.0	89.3	90.5	91.9	92.5	94.9	93.6	93.5	94.5	92.1	130.7
1.60	77.4	77.1	76.9	76.3	76.2	76.2	76.7	77.5	79.6	82.6	87.0	88.4	89.7	91.0	91.9	94.2	92.7	93.0	93.4	91.8	130.0
2.00	77.4	77.2	76.3	76.3	76.0	77.2	75.8	78.3	78.0	81.1	85.4	86.8	88.1	89.5	90.7	93.2	92.0	91.6	92.8	90.9	129.0
2.50	78.7	79.3	76.8	76.7	76.1	76.5	77.2	78.5	78.0	80.3	84.0	85.4	87.2	88.5	89.9	92.2	91.3	91.4	92.5	90.4	128.5
3.15	82.4	82.9	83.4	84.1	82.4	82.4	81.1	80.8	78.9	79.2	82.5	83.9	85.8	87.1	88.6	91.3	90.6	90.4	91.6	89.1	128.1
4.00	83.7	84.7	84.9	85.4	84.3	84.5	83.2	82.9	81.2	78.8	81.4	82.3	84.7	86.2	87.6	90.4	89.6	89.4	90.1	87.7	128.0
5.04	79.9	80.3	80.6	80.3	80.1	79.5	78.8	78.6	78.2	76.6	79.7	80.5	82.8	84.4	86.4	89.4	88.5	88.4	89.0	86.5	126.4
6.30	80.4	81.2	81.0	80.9	80.4	79.5	78.7	77.5	76.8	76.0	78.2	79.6	81.4	82.9	84.8	87.8	87.1	86.9	87.4	84.6	125.7
8.00	79.7	80.2	79.9	79.8	79.7	78.8	77.9	76.6	75.6	75.7	78.0	78.5	81.0	82.0	84.6	87.4	87.5	87.3	88.0	84.3	126.4
10.0	76.6	77.2	77.4	76.6	76.6	75.7	74.9	73.6	73.6	74.2	76.5	77.3	79.8	80.6	83.7	86.4	85.7	84.5	85.0	81.8	125.8
12.5	73.3	74.8	75.1	73.7	74.1	72.7	71.7	71.4	71.9	72.9	75.6	76.3	79.2	79.5	82.3	85.2	84.4	83.1	82.9	78.8	126.3
16.0	69.5	69.8	70.3	69.5	69.3	68.4	67.4	66.9	68.6	69.5	72.2	72.0	74.7	75.7	78.6	81.5	80.2	78.6	78.8	74.6	124.7
20.0	64.7	64.7	65.5	64.5	64.0	63.5	62.6	61.5	64.2	65.9	68.3	68.4	70.8	72.4	75.4	78.4	77.3	74.3	76.2	71.5	125.5
																				OAPWL =	143.3
TSPL	93.8	94.3	93.6	93.5	92.4	93.0	92.4	92.8	93.4	96.1	99.6	100.9	102.6	104.1	105.9	107.7	105.3	104.7	106.9	104.5	
OSPL	93.7	94.3	93.5	93.4	92.3	93.0	92.3	92.6	93.4	96.0	99.6	100.9	102.6	104.1	105.9	107.7	105.3	104.7	106.6	104.5	
PNLT	108.9	108.7	107.3	108.5	107.5	108.5	107.3	107.1	105.5	106.3	109.7	111.0	112.8	114.2	115.8	118.1	116.6	116.2	117.7	115.3	
PNL	108.9	107.6	107.3	107.4	106.4	108.8	105.8	108.0	105.5	106.3	109.7	111.0	112.8	114.2	115.8	118.1	116.6	116.2	117.7	115.3	

CONDITION = 7967 ALTITUDE = 150. FT SIDELINE

OSPL		77.2	83.0	86.7	88.1	90.5	91.0	92.2	93.2	96.0	99.4	100.5	102.0	103.2	104.6	105.3	101.2	98.3	97.0	88.3	
PNL		86.1	90.1	100.4	102.0	104.1	104.4	105.4	105.4	106.3	109.5	110.6	112.2	113.3	114.5	115.5	112.3	109.5	107.1	97.2	
PNLT		86.1	90.1	101.5	103.0	105.9	105.9	106.5	105.4	106.3	109.5	110.6	112.2	113.3	114.5	115.5	112.3	109.5	107.1	97.2	

CONDITION = 7967 ALTITUDE = 200. FT SIDELINE

OSPL		74.3	80.1	83.9	85.2	87.7	88.3	89.3	90.6	93.5	96.8	98.0	99.4	100.6	102.0	102.7	98.6	95.6	94.3	85.6	
PNL		84.3	92.7	97.3	99.0	101.2	101.5	102.5	102.5	103.5	106.8	107.9	109.5	110.5	111.7	112.7	109.5	106.5	104.1	93.6	
PNLT		84.3	92.7	98.3	99.0	103.0	103.1	103.6	102.5	103.9	106.8	107.9	109.5	110.5	111.7	112.7	109.5	106.5	104.1	93.6	

Point No. C(c)-39

ENGINE MODEL = -80
ENGINE NUMBER = 704741

STAND = X-306
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 6397
CORRECTED RPM = 6679

INLET TEMP = 16.00 F
TIME OF DAY = 1239
BARH. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 KPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.4	69.2	73.5	72.4	73.0	73.5	72.4	73.7	73.7	77.0	77.0	79.0	80.0	81.4	81.5	82.3	84.3	84.9	86.7	83.3	120.7
.063	72.9	72.4	71.9	72.7	72.1	73.1	72.5	73.7	73.2	76.5	76.1	77.0	78.7	80.2	80.1	82.7	83.7	84.2	85.7	81.7	120.1
.080	73.3	69.6	70.9	70.7	71.0	72.1	71.5	72.6	73.4	76.4	76.6	77.7	78.4	78.4	79.4	80.6	82.0	82.9	84.5	80.1	118.8
.100	73.1	71.7	71.9	70.4	70.1	70.8	70.6	71.1	71.4	75.5	75.9	77.6	78.9	80.1	79.8	80.8	81.4	81.0	83.0	78.5	118.4
.125	73.2	72.9	74.3	72.6	71.6	70.2	71.6	73.9	74.1	76.6	78.1	79.1	80.4	82.9	83.8	83.3	84.2	83.7	85.0	79.2	120.8
.160	75.3	75.2	73.8	72.1	72.6	73.5	73.6	74.1	75.1	77.8	80.9	82.5	83.3	85.5	87.4	88.8	87.9	87.5	88.1	80.7	124.4
.200	76.9	76.4	74.4	72.8	71.7	73.7	72.8	74.2	75.0	77.9	80.5	80.9	83.5	86.0	87.4	88.5	87.4	87.2	89.3	82.0	124.3
.250	78.8	77.6	76.4	74.7	73.1	72.9	73.6	75.0	75.2	80.5	82.3	83.5	84.6	87.6	88.7	87.3	86.3	86.5	89.3	84.6	124.6
.315	78.1	78.7	76.7	76.4	75.1	75.2	75.5	75.2	75.4	80.6	83.0	85.1	86.6	88.8	90.1	89.6	88.2	88.4	92.7	86.9	126.5
.400	76.6	76.7	76.6	74.7	74.0	73.7	74.9	75.3	76.5	80.5	84.2	85.6	87.0	89.2	90.9	90.4	88.8	88.8	94.0	87.9	127.2
.500	75.9	78.0	77.7	75.7	74.8	75.0	75.3	75.7	77.6	80.6	84.5	85.8	87.2	89.4	90.4	90.8	90.0	91.1	95.3	88.9	127.9
.630	77.2	77.0	76.7	75.3	75.2	74.9	75.9	76.4	76.2	80.9	84.3	86.2	87.9	89.3	90.5	91.1	90.3	91.6	95.0	89.6	128.1
.800	77.1	76.8	76.6	75.2	75.1	75.1	75.8	76.3	78.9	81.0	85.2	86.8	87.7	89.0	89.9	92.1	92.0	92.1	93.5	89.2	128.4
1.00	76.1	75.7	75.0	73.6	73.9	74.1	74.6	75.0	77.3	79.5	83.6	85.3	86.5	87.4	88.1	89.1	88.9	90.8	92.4	88.3	126.5
1.25	74.6	75.2	74.6	73.0	72.6	72.4	73.0	73.3	75.6	78.2	82.1	84.3	85.4	86.5	87.0	86.0	87.6	89.7	91.5	87.0	125.4
1.60	74.0	74.1	73.8	72.8	72.1	73.6	72.2	72.1	74.2	77.2	81.2	83.2	84.5	85.7	86.5	87.4	86.9	89.1	91.0	86.5	124.9
2.00	74.3	74.5	74.4	72.9	73.0	71.6	71.1	71.9	73.1	75.8	79.7	81.8	82.9	84.3	85.3	86.3	86.6	88.5	90.7	85.9	124.1
2.50	78.0	77.7	78.8	77.3	77.4	74.7	73.6	73.4	73.0	75.1	78.3	80.3	81.8	83.3	84.2	85.5	85.8	88.0	90.2	85.6	123.8
3.15	84.2	85.9	87.6	85.5	86.5	82.0	81.6	79.3	76.4	75.1	77.4	78.6	80.3	81.9	82.9	84.1	84.3	86.3	88.6	83.7	124.9
4.00	77.4	78.1	78.3	77.4	76.9	74.7	72.7	71.1	70.8	72.0	74.8	76.6	78.4	80.5	81.6	83.0	83.1	85.1	87.2	82.5	121.7
5.00	80.0	80.8	81.0	80.6	80.5	78.7	77.1	75.8	74.6	72.1	74.0	75.3	76.9	79.2	80.6	82.2	83.0	85.3	86.9	82.7	122.4
6.30	84.6	86.0	85.8	85.5	86.1	85.2	83.7	81.9	81.3	75.7	75.0	75.4	77.0	78.9	80.1	82.0	84.3	87.2	88.2	81.9	126.1
8.00	81.7	82.6	82.5	82.3	82.7	81.8	80.3	78.6	75.7	73.7	72.7	73.5	75.3	77.1	78.9	80.4	82.0	84.9	86.5	79.7	124.2
10.0	81.2	82.3	82.3	82.3	83.2	82.2	81.2	79.4	76.9	74.8	72.9	74.1	75.6	77.1	79.2	80.5	80.2	80.7	81.4	76.9	124.9
12.5	78.4	80.5	80.4	79.6	80.7	79.7	78.4	77.2	75.5	72.8	70.9	72.0	74.3	75.3	77.4	78.8	78.4	79.1	79.1	73.8	124.7
16.0	74.7	75.5	75.7	75.8	75.8	75.2	73.8	72.7	71.3	69.4	67.2	67.5	69.2	71.0	73.1	74.4	73.7	73.9	74.1	69.0	122.5
20.0	70.5	71.2	71.5	71.8	71.4	71.3	69.7	67.9	67.2	65.7	63.1	63.8	65.5	68.1	70.0	71.2	70.5	69.6	71.2	66.1	122.9
																			OAPWL =		139.1
TSPL	92.9	93.3	93.6	92.6	93.0	91.6	90.8	90.0	90.0	91.8	94.6	96.2	97.5	99.3	100.4	101.1	100.7	101.7	104.3	99.1	
OSPL	92.7	93.0	93.3	92.2	92.6	91.2	90.5	89.7	89.8	91.7	94.6	96.2	97.5	99.3	100.4	101.0	100.7	101.7	104.3	99.1	
PNLT	109.9	109.8	110.9	109.1	109.9	107.1	106.6	105.1	104.0	102.0	104.4	106.1	107.5	109.2	110.2	111.3	111.4	113.0	115.3	110.3	
PNL	107.1	107.1	107.9	106.4	106.8	104.7	103.8	102.7	102.5	102.0	104.4	106.1	107.5	109.2	110.2	111.3	111.4	113.0	115.3	110.3	

CONDITION = 6679 ALTITUDE = 150. FT SIDELINE

OSPL	74.0	81.9	84.9	88.0	88.4	89.0	89.1	89.6	91.7	94.4	95.8	96.9	98.4	99.1	98.6	96.6	95.3	94.4	82.7		
PNL	87.7	96.8	99.4	102.4	101.9	102.3	102.1	102.3	102.0	104.3	105.7	106.9	108.3	108.9	108.8	107.1	106.3	104.7	92.0		
PNLT	90.5	99.9	102.1	105.6	104.4	105.2	104.5	103.8	102.0	104.3	105.7	106.9	108.3	108.9	108.8	107.1	106.3	104.7	92.0		

CONDITION = 6679 ALTITUDE = 200. FT SIDELINE

OSPL	70.7	78.7	81.7	84.8	85.3	86.0	86.2	86.9	89.1	91.8	93.3	94.4	95.8	96.5	96.0	94.0	92.6	91.7	79.8		
PNL	83.8	93.5	96.2	99.4	98.6	99.5	99.1	99.4	99.2	101.5	103.0	104.2	105.5	106.1	106.0	104.3	103.3	101.6	88.5		
PNLT	86.6	96.5	99.0	102.6	101.3	102.3	101.5	100.9	99.2	101.5	103.0	104.2	105.5	106.1	106.0	104.3	103.3	101.6	88.5		

Point No. C(c)-40

ENGINE MODEL = -00
ENGINE NUMBER = 104741

STAND = X-308
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7573
CORRECTED RPM = 7907

INLET TEMP = 16.00 F
TIME OF DAY = 1250
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.9	72.5	76.4	76.2	75.7	75.8	75.7	76.3	76.8	77.1	79.4	80.5	82.6	83.5	85.2	87.1	88.4	88.9	91.7	96.9	125.3
.063	74.8	74.8	74.7	75.5	74.6	75.4	74.7	76.9	76.2	77.2	78.3	78.8	81.5	83.1	84.6	87.5	88.7	88.7	89.6	95.0	124.6
.080	74.5	73.0	73.4	74.8	73.9	76.0	74.1	77.0	76.3	78.4	79.5	81.8	81.2	82.7	84.0	85.7	86.8	87.6	88.8	94.3	123.7
.100	74.2	73.7	73.7	74.6	73.0	75.1	72.6	76.1	74.4	78.0	79.0	81.6	82.8	84.9	84.2	87.1	84.9	85.1	86.6	92.1	123.0
.125	74.9	75.0	75.0	75.9	74.0	75.2	75.1	78.4	77.9	79.7	82.2	83.1	84.5	87.2	89.2	89.9	87.2	87.2	88.0	91.6	125.5
.160	77.3	78.1	75.9	75.3	75.5	77.7	77.1	79.1	79.3	81.6	85.9	87.3	87.8	89.8	93.1	95.8	91.1	90.3	90.5	90.9	129.4
.200	80.1	80.6	77.6	76.9	75.2	78.5	77.6	79.2	79.2	82.8	85.4	86.3	88.0	90.8	93.5	96.0	90.7	89.7	90.8	89.9	129.5
.250	80.9	81.2	79.0	78.0	76.4	77.6	77.0	79.6	79.1	84.5	87.0	88.2	89.2	91.9	94.2	95.4	88.0	90.1	91.0	90.4	129.6
.315	80.7	80.6	77.8	78.7	77.1	78.4	78.1	79.2	79.3	85.5	88.1	90.3	91.8	93.5	95.3	96.9	89.8	92.1	95.4	90.1	131.3
.400	79.9	81.0	79.6	78.8	77.1	78.3	78.4	79.3	80.6	85.2	89.0	90.3	92.2	94.4	96.2	97.7	91.2	92.5	96.4	90.6	132.1
.500	79.7	82.9	81.8	79.8	77.9	79.0	78.4	79.9	81.5	85.2	89.3	90.3	91.8	94.2	95.6	97.9	92.2	93.4	96.9	90.3	132.3
.630	81.4	82.5	80.7	79.6	78.4	78.7	79.0	80.4	82.3	85.5	89.1	90.7	92.1	94.4	95.3	98.0	93.0	94.6	96.7	90.9	132.5
.800	80.6	81.3	80.6	78.6	77.9	78.2	78.4	79.4	81.7	84.6	89.5	90.7	91.4	93.3	94.5	97.2	92.6	94.0	95.1	90.2	131.8
1.00	81.5	81.2	80.6	78.5	79.9	83.3	82.4	81.7	84.3	84.8	88.9	90.4	91.0	92.7	93.5	96.8	92.2	94.6	95.9	91.1	131.7
1.25	79.9	81.6	79.4	78.0	77.5	77.8	78.6	78.0	81.0	83.6	87.8	89.4	89.9	91.9	92.7	96.0	91.3	93.6	94.2	89.7	130.7
1.60	77.3	78.2	77.1	76.2	76.1	76.6	76.6	76.8	79.3	82.5	86.6	88.4	89.1	90.9	91.9	95.1	90.6	92.9	93.3	89.1	129.8
2.00	77.4	78.6	77.0	76.0	77.8	76.1	76.0	77.0	78.0	81.1	85.2	87.1	87.8	89.6	90.8	94.2	90.0	92.1	93.2	88.7	129.1
2.50	79.8	79.7	79.0	78.4	78.8	78.2	77.1	77.5	77.7	80.1	84.1	85.7	86.8	88.7	89.8	93.2	89.5	91.7	92.8	88.3	128.5
3.15	85.9	85.5	86.3	85.3	86.1	83.6	82.8	81.0	79.6	79.7	82.6	84.2	85.5	87.5	88.6	92.3	88.6	90.7	92.0	87.1	128.5
4.00	85.5	85.0	86.2	85.5	86.3	84.8	83.6	82.8	81.4	79.1	81.5	82.9	84.6	86.5	87.9	91.4	87.8	89.7	90.7	85.8	128.3
5.00	81.5	81.6	82.3	81.3	82.4	80.9	80.7	80.6	79.8	77.5	80.0	81.3	82.9	85.0	86.7	90.3	86.8	88.6	89.6	85.2	126.9
6.30	83.2	83.8	83.9	83.0	83.7	81.9	81.5	80.0	79.1	77.3	78.7	80.0	81.6	83.8	85.2	88.9	85.8	87.5	88.4	83.1	126.7
8.00	82.3	82.5	82.7	81.8	82.5	80.8	80.4	78.7	77.4	76.9	78.2	79.5	81.1	83.1	84.7	88.5	86.1	88.3	89.1	82.9	127.2
10.0	79.7	80.0	80.4	79.4	80.1	78.0	77.6	76.3	75.4	75.4	77.0	78.5	80.0	81.6	83.9	87.7	83.8	85.0	85.7	80.5	126.6
12.5	76.3	77.7	77.8	77.2	77.2	75.0	74.4	73.9	73.5	74.1	76.1	77.5	79.6	80.6	82.8	86.7	82.5	83.7	83.6	77.8	127.0
16.0	72.6	72.6	73.2	72.2	72.5	70.9	70.2	69.4	70.3	70.8	72.6	73.3	75.0	76.8	79.2	82.9	78.6	79.3	79.6	73.9	125.5
20.0	68.1	68.1	68.6	67.1	67.7	66.2	65.7	64.1	65.9	67.2	69.0	69.7	71.4	73.6	76.1	80.0	75.4	75.3	77.0	71.1	126.3
																			DAPWL =		143.4
TSPL	94.6	94.9	94.6	93.7	93.9	93.4	92.8	93.1	93.6	96.0	99.5	100.9	102.1	104.2	105.7	108.2	103.6	105.0	106.7	104.6	
OSPL	94.5	94.8	94.5	93.6	93.8	93.3	92.7	93.0	93.5	95.9	99.4	100.9	102.0	104.1	105.7	108.2	103.5	105.0	106.7	104.6	
PNLT	109.4	109.4	109.7	107.6	109.2	108.9	107.7	107.2	105.8	106.4	109.7	111.2	112.4	114.4	115.7	118.8	114.8	116.5	117.9	114.0	
PNL	108.3	108.4	108.4	107.6	108.0	107.1	106.4	106.2	105.8	106.4	109.7	111.2	112.4	114.4	115.7	118.8	114.8	116.5	117.9	114.0	

CONDITION = 7907 ALTITUDE = 150. FT SIDELINE

OSPL		77.2	83.6	86.7	89.4	90.7	91.4	92.4	93.3	95.9	99.3	100.6	101.5	103.2	104.4	105.8	99.5	98.6	96.8	88.8	
PNL		89.3	97.4	100.6	103.6	104.5	105.0	105.6	105.7	106.4	109.5	110.9	111.8	113.5	114.4	116.3	110.5	109.8	107.2	96.0	
PNLT		90.5	98.7	101.7	104.8	106.3	106.3	106.6	105.7	106.4	109.5	110.9	111.8	113.5	114.4	116.3	110.5	109.8	107.2	96.0	

CONDITION = 7907 ALTITUDE = 200. FT SIDELINE

OSPL		74.1	80.6	83.7	86.4	87.9	88.6	89.7	90.7	93.3	96.7	98.0	98.9	100.7	101.8	103.2	96.8	95.9	94.1	86.1	
PNL		85.5	94.1	97.5	100.6	101.6	102.1	102.7	102.8	103.7	106.8	108.2	109.1	110.7	111.6	113.5	107.7	106.9	104.1	92.5	
PNLT		86.7	95.4	98.7	101.8	103.3	103.4	103.7	102.8	103.7	106.8	108.2	109.1	110.7	111.6	113.5	107.7	106.9	104.1	92.5	

Point No. C(c)-41

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-300
DATE = 01/21/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7996
CORRECTED RPM = 8340

INLET TEMP = 17.00 F
TIME OF DAY = 1257
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW.CORRECTED SPL — (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	78.1	72.4	77.4	76.2	77.5	77.0	75.6	76.9	77.1	78.1	80.6	82.6	84.1	85.4	86.4	88.4	89.1	88.8	90.5	102.3	127.1
.063	76.0	75.1	75.9	76.2	75.7	75.6	75.5	76.8	77.1	77.9	79.8	80.5	83.6	84.9	86.2	88.9	89.6	88.4	89.0	99.8	126.2
.080	76.1	73.2	74.5	74.6	75.1	76.6	75.1	77.0	77.6	79.5	81.3	82.4	83.2	83.9	86.1	87.1	88.2	87.4	88.7	99.5	125.6
.100	76.0	72.8	75.3	74.3	74.4	74.1	73.8	74.1	76.1	78.6	80.9	82.6	85.1	86.3	86.5	87.9	86.4	84.7	87.1	97.4	124.8
.125	76.2	74.6	75.9	75.0	75.4	74.0	76.1	77.8	79.1	80.3	83.3	84.1	87.1	89.0	91.1	91.4	89.1	87.8	88.3	95.8	127.1
.160	78.3	78.4	76.7	75.5	76.5	77.8	78.3	79.0	80.8	83.1	87.6	88.8	90.1	91.9	95.4	97.5	93.3	91.3	90.7	95.7	131.2
.200	81.1	81.1	79.0	76.9	76.4	78.4	79.1	79.4	80.8	83.9	87.1	87.8	90.7	92.6	95.5	97.2	92.5	90.3	91.3	94.5	131.1
.250	82.0	81.4	80.1	78.3	77.5	77.5	78.0	79.9	80.8	85.6	88.4	89.8	91.5	93.7	96.4	96.2	90.1	90.8	91.7	94.4	131.1
.315	81.5	80.8	79.0	78.8	78.1	78.1	79.3	79.3	80.9	86.4	89.7	91.4	93.8	95.1	97.4	97.6	91.9	92.9	95.8	92.9	132.6
.400	81.0	81.2	80.4	79.1	78.3	78.5	79.4	79.8	82.0	86.5	90.4	91.7	94.2	96.3	98.3	98.5	93.3	93.9	97.2	93.1	133.5
.500	81.2	83.9	83.3	80.9	79.7	79.5	79.6	80.6	83.3	86.6	90.8	91.8	94.0	95.9	97.6	98.9	94.1	95.0	97.8	92.4	133.7
.630	82.6	83.5	82.5	80.5	79.8	79.7	80.3	81.5	84.0	87.1	90.8	92.4	94.4	95.5	97.2	99.2	94.9	96.3	97.6	93.2	134.0
.800	81.7	82.1	81.6	79.4	78.7	78.8	79.2	80.2	83.1	86.0	90.6	91.9	93.6	94.8	96.2	98.4	94.4	95.2	95.8	92.0	133.1
1.00	82.8	82.0	81.8	79.9	79.7	79.6	80.0	81.0	84.1	86.3	90.7	92.0	93.4	94.2	95.7	97.7	94.6	96.3	96.8	92.4	133.1
1.25	81.3	82.2	80.3	78.2	77.6	77.9	78.5	79.7	82.7	85.5	89.7	91.2	92.6	93.7	94.9	97.3	94.0	95.9	95.8	91.7	132.5
1.60	76.6	78.8	77.8	76.3	76.1	76.4	76.6	77.8	80.9	84.4	88.3	90.0	91.5	92.6	94.0	96.3	93.1	94.9	94.4	90.6	131.5
2.00	77.3	77.1	76.4	75.5	75.6	75.6	75.6	77.3	79.9	83.0	87.2	89.0	90.1	91.4	93.3	95.2	92.6	94.0	94.3	90.0	130.7
2.50	78.0	78.1	77.5	76.5	76.0	75.9	75.6	76.4	79.1	82.0	86.0	87.6	89.1	90.5	92.3	94.5	91.8	93.5	93.9	89.7	130.1
3.15	77.6	78.0	77.8	77.2	77.2	76.3	75.7	76.1	78.0	80.7	84.5	86.1	88.1	89.2	91.1	93.5	91.1	92.7	93.2	88.6	129.4
4.00	79.3	80.1	80.1	79.3	79.1	78.1	77.5	77.4	78.0	79.4	83.2	84.5	87.0	88.3	90.2	92.3	89.9	91.4	91.9	87.3	128.7
5.00	76.1	76.0	76.2	75.4	75.7	74.3	74.0	74.3	76.5	78.2	81.8	83.2	85.5	86.9	89.2	91.4	89.0	90.5	90.8	86.4	127.8
6.30	74.0	74.2	74.1	73.6	73.6	72.4	72.3	73.6	74.9	77.2	80.6	81.8	84.1	85.6	87.8	90.0	87.8	89.2	89.5	84.2	126.9
8.00	73.1	73.3	73.0	72.4	72.7	71.5	71.4	71.9	74.1	76.7	80.0	81.1	83.4	84.6	87.1	89.0	87.1	88.4	89.2	83.5	127.1
10.0	70.4	70.5	70.6	69.7	70.2	69.0	69.3	70.3	73.3	76.3	79.2	80.8	82.9	83.9	86.9	89.1	86.7	87.2	87.9	81.9	127.9
12.5	67.1	68.1	68.3	66.4	67.4	66.0	66.4	68.4	71.9	74.5	77.6	79.0	81.6	82.0	84.8	87.0	84.1	84.5	84.9	78.5	127.5
16.0	64.3	63.6	64.3	63.4	63.5	63.1	63.2	65.1	69.3	71.7	74.8	75.3	77.8	78.6	81.8	83.9	80.8	80.5	81.1	75.1	126.6
20.0	59.4	58.3	59.5	58.2	58.3	58.2	58.7	60.5	65.6	68.8	71.3	72.1	74.2	75.7	78.9	81.0	77.9	76.7	78.6	72.5	127.7
																				OAPWL =	144.8
TSPL	93.2	93.3	92.6	91.2	90.9	90.8	91.1	92.0	94.2	97.3	101.1	102.5	104.4	105.8	107.8	109.3	105.6	106.5	107.5	108.6	
OSPL	93.2	93.3	92.6	91.2	90.9	90.8	91.1	92.0	94.1	97.2	101.0	102.4	104.3	105.8	107.8	109.3	105.6	106.4	107.5	108.6	
PNLT	104.4	105.7	105.4	104.3	103.1	102.6	102.5	103.0	104.7	107.6	111.4	112.9	114.7	116.1	118.0	120.5	117.0	118.2	118.9	116.2	
PNL	104.4	104.7	104.4	103.3	103.1	102.6	102.5	103.0	104.7	107.6	111.4	112.9	114.7	116.1	118.0	119.9	117.0	118.2	118.9	116.2	

CONDITION = 8340 ALTITUDE = 150. FT SIDELINE

OSPL		77.0	82.8	84.8	86.8	88.4	89.8	91.4	94.0	97.2	100.9	102.1	103.8	104.9	106.5	106.9	101.5	100.1	97.6	93.0	
PNL		85.7	93.4	96.4	98.8	100.0	101.1	102.4	104.6	107.6	111.3	112.6	114.2	115.2	116.7	117.4	112.8	111.4	108.2	98.4	
PNLT		85.7	93.4	96.4	98.8	100.0	101.1	102.4	104.6	107.6	111.3	112.6	114.2	115.2	116.7	118.0	112.8	111.4	108.2	98.4	

CONDITION = 8340 ALTITUDE = 200. FT SIDELINE

OSPL		74.1	80.0	82.1	84.1	85.8	87.2	88.8	91.4	94.6	98.3	99.5	101.2	102.3	103.9	104.2	98.9	97.3	94.9	90.4	
PNL		82.0	90.1	93.3	95.8	97.1	98.2	99.6	101.9	104.9	108.6	109.9	111.4	112.5	113.9	114.6	109.9	108.5	105.1	95.0	
PNLT		82.0	90.1	93.3	95.8	97.1	98.2	99.6	101.9	104.9	108.6	109.9	111.4	112.5	113.9	115.2	109.9	108.5	105.1	95.0	

Point No. C(c)-42

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-306
DATE = 01/21/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 7337
CORRECTED RPM = 7645

INLET TEMP = 18.00 F
TIME OF DAY = 1312
BARM. PRESSURE = 30.31 IN. HG.
WIND DIRECTION = N
WIND VELOCITY = 4 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	76.3	71.3	75.8	74.8	75.6	75.4	74.7	75.4	76.2	76.4	79.0	80.0	82.5	83.0	84.3	85.8	87.8	87.8	93.9	90.9	124.6
.063	74.9	74.2	74.3	74.9	74.3	74.4	74.3	75.7	75.7	76.5	77.6	78.6	81.1	82.9	83.5	86.5	88.1	87.2	92.3	89.4	124.0
.080	73.9	71.9	72.8	72.9	73.4	74.6	73.8	74.6	75.5	77.5	78.9	80.2	80.7	81.7	83.6	84.7	87.2	86.6	91.4	88.5	123.2
.100	74.5	72.7	73.9	73.1	72.9	72.8	72.7	72.4	73.9	76.5	78.3	79.8	81.9	83.6	83.7	86.9	87.4	84.6	89.4	87.3	123.0
.125	75.6	74.1	75.4	74.5	74.2	73.6	74.9	76.9	77.1	78.5	81.3	82.0	83.1	84.9	86.5	88.5	90.1	85.3	88.9	86.3	124.7
.160	77.3	77.1	75.6	74.1	75.2	76.1	76.6	77.3	78.0	80.5	85.0	86.4	87.1	88.3	90.6	93.8	94.7	88.0	89.6	86.2	128.6
.200	79.5	79.4	76.9	75.1	74.8	76.8	77.3	77.4	78.4	81.6	84.8	85.3	87.6	89.1	91.4	95.4	95.9	88.7	90.3	85.4	129.6
.250	80.9	79.7	78.7	76.5	75.7	75.7	76.5	77.8	78.5	83.5	86.1	87.4	88.7	90.9	92.1	94.4	94.9	89.3	89.3	86.6	129.4
.315	80.6	79.7	77.8	77.5	76.7	76.9	77.8	77.7	78.7	84.6	87.5	89.6	91.3	92.6	93.6	95.8	95.7	90.6	92.4	89.2	130.9
.400	79.4	79.7	78.6	77.3	76.7	76.6	77.3	77.7	79.6	84.2	87.9	89.3	91.7	93.8	95.0	95.9	95.9	91.1	93.6	90.6	131.4
.500	79.4	81.6	80.9	78.8	77.8	78.0	77.5	78.4	80.9	84.4	88.3	89.8	91.7	93.5	94.9	95.5	97.1	92.0	95.1	91.9	131.8
.630	80.6	81.1	79.8	78.2	77.6	77.7	77.7	79.1	81.6	84.7	88.4	89.9	91.6	93.7	94.5	95.5	97.9	93.5	94.6	93.2	132.1
.800	80.0	79.9	79.0	77.6	77.1	77.5	77.6	78.4	80.9	83.9	88.2	89.9	90.8	92.7	93.8	95.3	97.6	92.9	93.1	92.4	131.6
1.00	79.7	80.2	79.0	77.3	79.6	79.3	78.9	79.4	81.4	84.0	88.2	89.6	90.3	91.8	92.5	94.7	96.6	92.8	92.8	92.6	131.0
1.25	79.3	79.3	78.1	75.6	75.8	77.3	78.4	76.8	79.8	82.6	86.8	88.3	89.3	90.7	91.3	93.9	95.8	91.9	91.8	91.2	130.1
1.60	7[illegible]4	76.7	75.6	74.2	74.1	74.7	75.3	75.4	77.8	81.5	85.6	87.3	88.5	89.9	90.3	93.1	95.1	91.4	90.8	90.9	129.4
2.00	76.0	76.7	75.2	74.1	74.2	74.5	73.9	75.0	76.6	80.0	84.1	86.0	87.1	88.5	89.4	92.1	94.5	90.3	90.5	90.5	128.6
2.50	77.6	77.5	77.3	76.5	75.9	76.1	75.2	75.3	76.2	78.9	82.9	84.5	86.2	87.7	88.5	91.4	94.0	90.2	90.2	90.2	128.1
3.15	84.4	84.7	89.0	86.6	85.9	83.4	84.6	81.7	78.5	79.8	81.6	83.0	84.9	86.4	87.6	90.4	93.2	89.3	89.5	88.8	128.6
4.00	80.2	80.7	82.6	81.9	81.3	80.6	79.7	79.2	78.0	77.5	79.8	81.4	83.8	85.2	86.4	89.4	92.2	88.5	88.1	87.5	127.2
5.00	79.9	80.5	80.6	80.2	81.0	79.8	79.8	79.[illegible]	80.6	77.2	78.7	80.1	82.1	83.8	85.3	88.6	91.4	87.7	87.4	86.8	126.7
6.30	84.3	84.8	84.7	84.5	85.1	84.1	84.4	83.0	83.1	79.1	78.4	79.0	81.0	82.8	84.0	87.3	90.4	86.8	86.3	84.9	127.6
8.00	83.6	82.9	82.4	82.5	82.8	81.9	81.9	80.9	79.0	77.6	77.3	78.7	80.6	82.3	84.0	87.4	90.9	88.2	88.6	85.2	128.0
10.0	80.5	81.4	81.5	81.4	81.8	80.3	79.6	78.1	76.7	76.3	75.9	77.5	79.3	80.8	82.7	86.0	89.1	84.4	84.0	82.5	127.3
12.5	77.1	79.1	79.1	78.1	78.7	77.2	76.4	75.9	74.7	74.5	75.1	76.6	78.9	79.8	81.4	85.2	88.4	83.7	82.3	79.7	127.9
16.0	73.7	74.2	74.5	74.2	73.9	73.0	72.3	71.5	71.3	71.2	71.6	72.3	74.1	75.7	77.7	81.5	84.2	79.2	78.1	75.6	126.2
20.0	69.4	69.7	69.9	69.8	69.3	68.6	67.9	66.2	66.8	67.6	67.5	68.7	70.1	72.6	74.4	78.4	81.5	75.0	75.4	72.3	127.0
																				DAPHL =	143.1
TSPL	93.8	94.0	94.5	93.3	93.3	92.5	92.7	92.3	92.9	95.2	98.5	100.0	101.5	103.2	104.4	106.5	108.1	103.7	105.2	102.4	
OSPL	93.7	93.6	94.3	93.1	93.1	92.3	92.6	92.1	92.8	95.1	98.5	100.0	101.5	103.2	104.3	106.4	108.0	103.6	105.1	103.3	
PNLT	109.0	109.2	112.2	110.0	109.7	107.6	108.9	108.7	108.9	108.0	108.6	110.1	111.8	113.4	114.5	117.0	119.3	115.2	116.5	114.8	
PNL	107.2	107.3	109.2	107.5	107.2	106.0	106.5	105.2	105.3	106.0	108.6	110.1	111.8	113.4	114.5	117.0	119.3	115.2	115.9	114.8	

CONDITION = 7645 ALTITUDE = 150. FT SIDELINE

OSPL		75.8	83.4	86.0	88.6	89.7	91.1	91.5	92.7	95.1	98.4	99.7	101.0	102.3	103.0	104.0	104.0	97.3	95.3	86.9	
PNL		88.2	98.2	100.6	102.8	103.3	105.1	104.6	105.2	106.0	108.5	109.8	111.2	112.4	113.1	114.5	115.0	108.5	105.2	96.5	
PNLT		90.2	101.2	103.1	105.3	105.0	107.5	106.1	105.7	106.0	108.5	109.8	111.2	112.4	113.1	114.5	115.0	108.5	105.9	96.5	

CONDITION = 7645 ALTITUDE = 200. FT SIDELINE

OSPL		72.8	80.3	83.0	85.6	86.8	88.3	88.7	90.0	92.5	95.8	97.1	98.4	99.7	100.5	101.4	101.3	94.5	92.6	84.1	
PNL		84.3	94.9	97.5	99.9	100.4	102.2	101.8	102.3	103.2	105.8	107.1	108.5	109.7	110.3	111.7	112.2	105.5	102.1	93.0	
PNLT		86.3	98.0	100.0	102.3	102.1	104.6	103.3	102.8	103.2	105.8	107.1	108.5	109.7	110.3	111.7	112.2	105.5	102.1	93.0	

Point No. D-1

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/24/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.

INLET TEMP = 29.00 F
TIME OF DAY = 2022
BARH. PRESSURE = 29.75 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 3 MPH

OBSERVED RPM = 3268
CORRECTED RPM = 3306

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	70.1	68.3	69.9	67.8	69.8	67.9	67.5	66.7	69.2	66.8	68.9	66.2	69.7	67.8	69.9	68.6	70.4	69.6	71.5	70.8	109.7
.063	74.1	76.9	78.5	76.9	78.8	77.8	74.5	77.1	78.2	77.5	78.4	77.1	79.4	78.7	79.6	79.2	79.6	79.2	80.0	77.8	119.2
.080	76.1	65.9	71.4	66.3	70.4	64.6	69.5	63.6	66.9	63.6	69.2	62.7	68.2	62.2	68.4	64.8	69.8	66.9	70.6	68.1	108.8
.100	75.8	63.8	71.9	62.2	71.2	63.4	70.6	62.5	70.1	62.3	69.5	61.9	69.6	61.7	69.7	64.4	71.5	66.0	70.7	65.3	109.3
.125	75.6	65.3	75.2	66.4	74.3	63.3	72.6	66.4	73.5	68.3	73.9	69.8	72.5	65.4	74.5	68.7	74.2	68.2	73.6	67.0	112.7
.160	75.6	65.0	75.5	64.6	75.1	65.3	73.2	65.6	74.1	66.7	73.8	66.8	74.1	67.7	74.3	70.1	75.3	71.7	76.2	68.7	113.3
.200	74.1	67.0	75.4	67.3	74.8	68.1	73.5	68.1	74.2	68.3	73.9	68.8	74.4	70.0	74.3	72.1	75.7	76.1	78.6	71.6	114.2
.250	74.0	68.9	75.2	69.8	73.7	68.0	73.2	69.9	73.7	70.7	74.3	72.1	72.9	68.2	75.3	71.7	74.6	73.5	75.7	72.9	113.8
.315	73.7	69.6	73.3	68.9	73.5	70.2	73.0	69.2	73.2	70.9	72.8	70.3	73.2	70.0	73.4	71.0	75.1	76.2	77.9	76.3	113.9
.400	72.7	67.4	72.9	68.8	72.6	69.0	71.8	68.5	72.0	70.1	71.9	69.7	71.9	68.0	72.7	69.9	74.6	75.7	80.6	73.8	113.5
.500	70.4	66.8	71.7	66.8	71.6	67.6	70.9	68.8	71.8	68.0	70.6	68.2	70.4	67.8	71.7	69.6	74.0	76.3	79.7	74.5	112.8
.630	69.9	66.1	70.6	66.8	70.5	67.1	69.7	67.1	70.4	66.9	70.2	68.0	70.1	67.6	71.6	69.6	72.6	75.9	77.2	72.2	111.8
.800	68.6	65.1	69.1	66.3	69.2	66.3	68.8	65.8	68.9	65.8	68.6	66.5	69.3	67.7	69.9	68.1	71.3	73.1	74.4	69.3	110.2
1.00	68.1	66.6	69.5	67.3	69.2	66.9	68.0	65.3	67.7	65.5	67.7	66.3	67.8	65.8	69.3	67.0	69.3	72.3	73.1	68.6	109.4
1.25	70.1	69.6	71.4	69.8	70.4	68.6	68.3	66.6	67.2	65.2	66.1	64.9	66.4	65.2	67.7	65.6	68.3	71.3	72.1	68.2	109.4
1.60	75.4	76.2	78.5	78.3	78.2	77.0	75.3	73.5	70.1	69.6	68.5	67.7	67.9	67.3	68.1	66.8	68.4	72.1	72.8	69.1	114.9
2.00	71.6	71.0	70.9	70.2	70.1	69.0	67.2	65.9	65.5	65.0	65.0	65.6	66.1	65.1	66.5	65.6	68.3	71.9	72.8	69.0	109.4
2.50	71.8	71.6	71.8	71.6	70.8	69.5	68.1	66.3	65.2	64.6	64.5	64.7	65.2	65.4	66.9	67.7	72.8	79.3	77.2	72.4	112.3
3.15	74.9	75.4	77.1	77.3	77.5	74.9	73.2	71.2	67.6	66.0	65.4	65.1	64.9	64.7	65.4	65.9	70.3	74.9	74.7	70.9	114.2
4.00	74.2	75.3	75.8	76.5	82.8	74.7	72.0	69.9	68.5	66.1	64.4	64.6	66.2	65.2	65.0	64.6	68.3	73.0	72.1	68.9	115.6
5.00	73.4	73.8	74.8	74.0	74.8	72.7	71.6	69.6	66.5	65.0	65.2	65.7	67.1	66.0	65.7	67.0	69.6	74.6	72.9	68.6	113.0
6.30	72.3	72.5	73.7	73.3	73.1	70.9	69.5	68.1	65.2	64.9	66.0	67.3	69.4	68.4	67.9	67.9	66.9	68.7	67.9	65.2	112.1
8.00	72.0	72.4	73.9	72.6	72.1	70.0	68.5	67.6	67.2	69.7	70.0	71.3	73.7	72.7	73.9	70.1	67.0	66.6	65.4	62.0	114.3
10.0	69.0	68.8	69.8	69.6	70.4	69.5	68.5	70.2	72.2	75.5	75.0	76.5	79.0	76.7	79.1	73.1	70.4	67.8	65.5	62.2	116.9
12.5	65.3	65.3	66.4	65.2	65.7	64.3	62.6	61.6	61.6	61.9	64.6	66.2	67.7	65.7	68.0	65.8	62.6	59.6	57.5	54.6	111.4
16.0	61.2	60.6	62.1	60.7	60.6	59.4	58.5	57.4	57.8	57.5	60.2	61.2	61.9	60.5	62.2	61.4	58.7	54.7	5.3	5.6	109.0
20.0	60.9	8.7	62.8	59.5	9.5	9.5	9.6	8.7	60.1	60.3	60.8	61.9	9.7	10.2	63.6	60.6	10.9	8.7	10.6	10.2	111.6
																			DAPWL =		127.8
TSPL	87.1	85.2	88.0	86.0	88.7	85.0	85.3	83.3	85.2	83.4	85.3	83.7	86.3	84.0	86.8	84.3	86.7	87.9	89.4	85.2	
OSPL	87.5	85.1	87.9	85.9	86.6	85.6	85.2	83.2	85.2	83.3	85.3	83.6	86.2	83.9	86.7	84.2	86.7	87.9	89.4	85.2	
PNLT	100.7	100.2	103.0	102.1	105.7	100.4	99.8	97.5	96.3	95.2	95.6	95.8	97.7	96.0	98.0	95.6	98.6	102.6	101.9	97.3	
PNL	99.2	96.2	100.5	99.3	103.0	97.7	97.3	95.0	94.8	93.2	94.1	93.6	95.9	93.7	96.2	93.5	97.0	100.6	100.4	95.9	
			CONDITION = 3268						ALTITUDE = 150. FT SIDELINE												
OSPL		67.5	77.8	79.2	84.4	82.4	83.9	82.6	85.1	83.3	85.1	83.2	85.6	82.9	85.3	81.7	82.7	81.5	79.7	69.1	
PNL		78.9	89.5	92.4	98.6	95.1	95.9	94.4	94.6	93.2	93.9	93.3	95.3	92.6	94.7	90.9	92.7	93.9	89.7	77.5	
PNLT		80.9	92.0	95.2	101.2	97.6	98.4	96.9	96.1	95.2	95.5	95.4	97.0	94.9	96.4	93.0	94.3	95.9	91.2	78.9	
			CONDITION = 3268						ALTITUDE = 200. FT SIDELINE												
OSPL		64.5	75.0	76.3	81.6	79.7	81.3	79.9	82.4	80.5	82.4	80.4	82.8	80.1	82.5	79.0	80.1	78.8	77.0	66.4	
PNL		75.0	86.3	89.3	95.6	92.2	93.0	91.6	91.8	90.0	90.8	90.1	92.0	89.4	91.4	88.0	89.8	90.9	86.6	73.9	
PNLT		77.0	88.7	92.1	98.2	94.9	95.6	94.0	93.3	92.0	92.3	92.2	93.8	91.7	93.1	90.1	91.4	92.9	88.1	75.3	

Point No. D-2

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/24/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.
OBSERVED RPM = 4055
CORRECTED RPM = 4169

INLET TEMP = 31.00 F
TIME OF DAY = 2032
BARM. PRESSURE = 29.75 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 3 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	70.4	67.3	69.9	69.4	69.4	69.1	67.0	67.9	68.6	67.8	67.5	67.4	69.1	68.9	69.9	70.3	71.3	71.9	73.2	72.6	110.3
.063	78.0	76.5	78.0	76.6	78.0	77.1	73.7	76.5	77.6	76.9	77.5	76.3	79.1	78.3	79.3	79.0	79.4	78.9	79.9	77.5	118.8
.080	70.3	69.4	70.3	69.4	68.5	67.7	66.6	65.9	65.4	65.5	64.5	65.0	64.3	64.9	65.8	68.5	69.8	70.6	71.4	70.2	108.6
.100	68.0	67.1	67.3	65.7	66.6	66.2	65.6	64.4	64.8	64.7	64.0	64.1	63.7	64.7	65.5	67.2	69.8	69.0	70.4	68.9	107.3
.125	69.4	67.8	70.0	67.6	67.3	65.3	66.1	67.6	38.2	68.9	69.4	70.0	67.1	68.1	70.8	70.0	71.7	70.9	71.8	69.4	110.0
.160	68.5	67.8	67.9	67.6	68.1	67.5	65.9	67.6	68.6	69.2	68.9	69.4	70.0	69.6	70.4	73.1	74.4	75.0	76.5	70.4	111.6
.200	69.8	70.0	70.8	69.6	70.3	70.0	68.5	69.5	70.2	70.1	69.5	69.9	71.1	71.6	71.9	74.5	76.3	78.6	80.1	72.4	113.8
.250	72.1	72.9	73.6	72.2	70.6	71.7	70.4	71.7	71.2	71.6	72.5	72.9	70.8	71.3	74.1	73.6	75.1	76.7	77.3	73.2	113.9
.315	71.8	72.4	71.5	71.6	72.1	72.9	71.6	71.7	71.9	73.5	72.5	73.1	73.1	72.5	73.3	73.7	75.9	78.9	81.0	76.6	115.1
.400	74.4	71.4	74.1	73.0	72.3	73.2	72.4	72.8	72.4	73.8	72.0	73.1	71.9	72.3	73.5	73.9	76.6	79.5	83.8	76.8	116.0
.500	71.9	71.4	72.6	71.6	72.5	72.2	72.4	73.2	73.0	72.6	71.4	72.2	70.9	71.8	73.0	73.9	76.2	79.9	85.6	77.8	116.3
.630	70.5	70.6	70.8	70.4	70.8	71.4	70.8	71.2	70.4	70.7	70.7	71.7	71.1	71.6	73.3	73.4	75.3	80.7	82.0	76.6	114.9
.800	68.9	69.0	69.5	69.7	70.3	70.3	70.3	70.7	69.6	70.1	69.9	70.6	71.3	72.1	72.4	72.6	74.2	78.5	79.5	74.0	113.6
1.00	68.8	69.6	70.2	69.9	70.4	70.3	69.7	69.2	68.9	68.7	69.0	69.7	70.1	70.3	71.3	70.9	72.5	77.0	78.1	73.4	112.6
1.25	70.1	71.0	71.7	71.0	71.1	70.6	69.7	69.7	69.3	69.1	68.8	68.9	68.9	69.8	70.5	69.7	71.4	76.1	77.0	72.3	112.3
1.60	75.0	75.0	75.0	74.5	74.2	73.5	71.9	71.4	70.3	70.0	69.5	69.7	69.9	70.6	70.7	70.1	71.8	76.5	77.6	73.4	113.8
2.00	84.6	84.5	84.2	82.9	83.1	81.9	79.3	77.5	75.4	73.9	72.1	72.2	71.4	71.3	71.6	70.5	71.7	75.4	76.8	72.1	119.8
2.50	74.0	74.7	74.4	74.3	74.3	72.7	71.0	70.3	69.1	69.1	68.4	68.9	68.4	69.5	69.3	68.1	70.9	75.0	75.8	71.7	113.1
3.15	74.8	75.8	75.6	76.1	76.0	74.5	72.6	71.8	69.5	69.3	68.4	68.8	68.8	69.5	69.8	71.4	76.4	82.2	80.8	76.4	116.3
4.00	80.1	80.2	79.6	79.5	80.3	78.4	76.8	75.5	72.9	71.0	69.7	69.8	70.0	70.4	71.2	73.2	79.0	84.8	82.4	76.4	119.6
5.00	76.7	78.3	80.4	78.8	79.7	77.3	75.7	74.7	71.8	69.8	70.3	72.2	72.5	71.0	70.8	71.7	75.9	82.6	80.0	74.1	118.5
6.30	75.4	76.4	76.0	76.9	77.8	77.7	77.5	75.7	73.2	70.5	70.8	71.7	72.1	71.1	70.0	69.7	69.6	73.4	72.1	68.5	117.3
8.00	74.3	74.7	74.3	74.6	75.3	74.3	73.9	73.5	71.8	72.8	74.4	75.0	76.2	76.1	76.9	73.1	69.9	71.0	69.8	66.1	117.7
10.0	71.4	72.3	72.1	72.8	73.7	72.3	71.1	72.2	72.6	74.5	75.6	77.0	77.9	76.7	77.0	75.3	70.6	70.1	68.0	64.6	119.2
12.5	67.9	69.5	68.9	68.8	70.0	68.9	67.3	67.8	67.1	68.6	70.2	71.7	72.4	71.8	71.9	70.3	66.1	64.9	62.2	58.6	118.2
16.0	63.9	64.5	64.4	64.9	64.9	64.2	62.7	62.9	62.0	63.2	65.4	65.9	65.8	65.9	66.5	65.5	61.4	58.8	56.5	5.5	113.5
20.0	62.1	61.3	63.1	62.3	61.9	61.5	60.3	60.4	61.0	62.2	63.3	63.9	62.1	62.8	64.8	63.4	61.5	8.6	10.5	10.1	115.5
																				OAPWL =	130.9
TSPL	89.2	89.3	89.5	88.8	89.3	88.3	86.7	86.4	85.5	85.4	85.4	85.9	86.4	86.2	86.9	86.8	88.4	92.1	93.1	87.7	
OSPL	89.2	89.2	89.5	88.7	89.2	88.2	86.7	86.3	85.4	85.3	85.2	85.6	86.2	85.9	86.7	86.6	88.4	92.1	93.1	87.7	
PNLT	106.2	106.1	106.1	105.0	105.5	104.4	102.5	101.3	99.3	98.3	97.9	98.6	99.1	98.8	99.5	99.6	102.8	107.3	106.5	100.9	
PNL	102.8	102.9	103.0	102.2	102.6	101.4	99.9	99.1	97.4	96.6	96.0	96.9	97.0	96.9	97.6	98.0	101.3	106.0	105.3	99.9	

CONDITION = 4055 ALTITUDE = 150. FT SIDELINE

OSPL		71.3	78.9	82.0	84.9	85.6	85.3	85.7	85.3	85.3	85.0	85.3	85.5	85.0	85.4	84.1	84.3	85.5	83.1	71.3	
PNL		84.5	92.2	95.4	98.2	98.9	98.4	98.5	97.3	96.6	95.8	96.5	96.4	95.9	96.1	95.4	97.0	99.0	94.3	81.2	
PNLT		87.7	99.4	98.2	101.2	101.8	101.1	100.7	99.2	98.3	97.8	98.2	98.5	97.8	98.0	97.0	98.4	100.3	95.5	82.2	

CONDITION = 4055 ALTITUDE = 200. FT SIDELINE

OSPL		68.1	75.9	79.0	82.0	82.8	82.5	82.9	82.6	82.5	82.2	82.5	82.7	82.2	82.6	81.4	81.6	82.7	80.4	68.4	
PNL		80.8	89.1	92.4	95.3	96.1	95.5	95.6	94.4	93.8	93.0	93.6	93.5	92.9	93.0	92.4	94.0	95.9	90.9	77.4	
PNLT		84.1	92.3	95.2	98.3	99.0	98.2	97.9	96.3	95.5	94.9	95.3	95.5	94.8	95.0	94.0	95.4	97.2	92.2	78.4	

Point No. D-3

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-30B
DATE = 01/24/75

TEMPERATURE = 58.0 F
HUMIDITY = 70.0 PER CT.

INLET TEMP = 52.00 F
TIME OF DAY = 2041
BARM. PRESSURE = 29.75 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 3 MPH

OBSERVED RPM = 5115
CORRECTED RPM = 5254

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.0	69.5	72.0	72.0	71.6	71.7	70.1	70.9	70.5	71.0	70.4	71.0	71.5	71.9	72.3	73.6	74.9	75.5	76.2	78.2	113.4
.063	77.4	77.5	77.4	77.6	77.3	77.9	73.4	77.5	76.6	77.0	76.8	77.4	78.1	79.5	78.5	80.3	79.2	80.4	79.5	79.7	119.0
.080	72.7	72.6	72.4	71.6	71.1	70.5	69.7	69.9	66.4	69.9	68.8	69.7	69.3	70.0	71.4	73.1	74.2	75.5	75.1	75.2	112.5
.100	71.1	71.1	70.5	69.1	70.1	69.2	68.4	67.9	67.4	67.9	68.2	68.2	68.3	68.8	70.2	72.6	74.9	74.8	75.0	74.6	111.6
.125	72.3	71.1	73.4	72.3	70.9	70.6	70.2	70.6	71.0	71.4	73.5	73.4	72.0	72.2	74.7	75.2	78.2	77.8	77.2	76.7	114.7
.160	71.0	71.3	71.1	70.8	70.6	69.9	69.6	70.3	70.8	71.5	71.9	72.5	72.6	72.7	74.4	76.7	78.2	78.4	79.3	78.8	114.8
.200	73.9	73.9	73.9	73.1	72.8	72.9	72.0	72.1	72.3	72.3	72.0	72.6	73.9	74.5	75.0	78.5	80.4	82.5	82.9	75.0	117.1
.250	75.7	75.5	74.0	75.0	74.1	74.8	74.1	74.8	74.4	74.0	74.7	74.9	74.4	74.4	77.1	77.2	79.5	80.8	81.4	75.3	117.3
.315	75.5	75.8	74.7	75.1	76.3	76.4	75.9	75.3	75.6	77.3	76.8	77.2	77.0	76.2	77.6	77.7	79.5	82.5	84.6	77.8	118.9
.400	77.7	75.2	77.0	76.8	77.6	77.3	76.9	76.8	76.8	77.1	76.4	77.0	76.4	77.1	78.4	76.6	80.3	83.4	86.6	78.5	119.8
.500	77.6	76.8	77.6	75.9	77.5	76.8	78.3	77.6	78.6	77.2	75.7	76.2	76.0	76.7	76.3	78.4	80.3	84.4	90.2	80.4	121.0
.630	75.2	74.7	75.5	74.5	75.2	75.7	75.7	75.8	75.6	75.2	75.4	76.0	76.3	76.6	78.8	78.4	80.8	84.1	86.6	79.8	119.5
.800	73.1	73.6	74.1	74.2	74.7	74.6	75.3	75.3	74.6	74.7	75.0	75.4	76.3	76.7	77.6	76.8	79.4	83.1	84.1	77.8	118.3
1.00	72.4	73.5	74.4	73.5	74.0	73.7	74.2	73.6	73.8	73.4	74.1	74.7	75.1	74.9	76.6	75.4	78.0	81.9	82.9	77.4	117.3
1.25	73.2	73.9	75.2	73.9	74.9	74.5	74.4	74.4	74.9	73.7	73.8	73.8	74.4	74.7	75.7	73.9	76.4	80.9	82.1	76.3	116.9
1.60	74.1	74.7	75.1	74.6	75.5	74.5	74.7	74.4	74.5	74.1	73.9	73.7	74.4	74.8	75.1	73.8	76.3	81.0	81.8	76.1	117.1
2.00	78.1	77.6	76.5	77.0	78.0	77.0	76.4	76.1	75.7	74.8	75.4	75.3	75.2	75.4	75.9	74.4	77.1	80.5	81.9	77.1	118.3
2.50	86.6	85.2	86.7	84.9	86.7	85.4	85.4	82.4	81.6	78.2	77.3	76.2	76.5	76.0	76.0	74.1	76.1	79.0	80.1	75.7	123.9
3.15	76.3	77.2	77.5	77.3	77.9	76.3	75.7	75.3	74.4	73.3	73.3	73.4	74.1	73.4	72.9	71.3	74.5	77.6	79.0	74.3	117.1
4.00	76.7	74.0	79.2	76.8	74.1	77.6	77.0	76.1	75.1	73.3	73.1	72.9	73.7	73.1	73.6	74.3	79.0	83.4	82.5	78.5	119.5
5.00	82.6	80.9	82.0	81.9	83.5	82.5	82.2	81.1	79.2	75.7	76.2	77.2	77.0	75.8	75.2	75.1	79.6	83.7	81.8	75.9	122.5
6.30	79.5	80.1	81.6	79.8	80.9	79.6	78.7	78.1	75.9	75.6	75.4	77.4	77.5	76.0	75.4	76.6	78.1	82.3	80.6	74.4	121.2
8.00	77.1	77.4	78.1	76.2	80.4	79.1	78.5	78.1	76.2	75.2	76.9	77.3	77.5	75.0	75.9	72.3	76.8	72.6	72.6	68.3	120.7
10.0	74.9	75.2	76.1	75.7	77.6	77.1	76.3	76.3	75.5	76.9	79.4	80.2	84.1	78.1	79.7	75.5	72.4	72.2	71.1	66.7	122.2
12.5	72.6	73.6	74.3	73.3	74.9	74.0	73.3	73.6	73.5	74.4	75.2	76.7	78.0	76.6	77.9	74.1	76.1	69.2	67.1	62.7	121.5
16.0	67.9	68.6	69.5	69.3	70.4	69.6	69.2	68.8	69.3	70.5	72.3	72.1	73.3	71.9	73.2	70.1	66.0	63.9	61.4	59.3	119.6
20.0	64.7	64.2	66.1	65.5	66.1	65.9	65.6	64.3	65.9	67.5	68.3	68.8	68.7	68.3	70.1	67.1	63.9	59.9	61.3	61.7	120.2
																				UAPNL =	133.6
TSPL	91.5	91.1	92.1	91.2	92.3	91.4	91.1	90.5	89.7	89.0	89.2	89.7	89.9	89.5	90.5	90.1	92.0	94.9	96.6	90.6	
OSPL	91.4	91.0	92.0	91.0	91.2	91.3	91.0	90.1	86.5	88.7	88.9	89.3	89.4	89.2	90.1	90.0	91.9	94.9	96.6	90.6	
PNLT	104.2	104.0	104.4	103.9	104.5	104.5	104.5	104.8	103.4	102.7	102.3	102.5	102.7	102.2	102.4	101.9	104.5	108.1	108.7	103.7	
PNL	104.1	103.4	104.5	103.3	104.6	104.6	104.4	104.3	103.2	101.3	101.1	101.3	101.4	100.8	101.2	100.7	103.7	107.3	107.5	102.5	

CONDITION = 5115 ALTITUDE = 150. FT SIDELINE

OSPL		73.1	81.3	84.2	87.0	86.7	84.6	84.7	84.4	88.7	88.7	89.6	88.6	88.2	88.7	87.5	87.9	98.4	86.7	74.3	
PNL		86.7	94.7	96.5	101.3	103.4	104.6	103.7	102.6	101.3	100.9	101.6	100.8	99.8	99.9	98.1	94.4	100.3	96.6	83.3	
PNLT		84.3	96.6	101.1	103.2	105.4	107.1	106.2	105.2	102.7	102.1	102.2	102.0	101.3	101.6	99.3	100.1	101.1	97.7	84.3	

CONDITION = 5115 ALTITUDE = 200. FT SIDELINE

OSPL		64.4	78.2	81.3	84.9	81.9	86.6	86.4	86.6	86.0	85.9	86.2	86.0	85.5	86.6	84.9	85.2	85.7	84.6	71.5	
PNL		82.9	92.5	93.4	94.4	100.1	101.2	100.4	100.2	98.5	98.1	98.1	97.6	97.0	97.1	95.2	96.4	97.3	93.3	79.5	
PNLT		81.6	93.4	98.0	100.3	103.1	104.2	103.4	102.5	99.0	99.3	99.3	98.1	98.4	98.2	96.3	97.2	98.1	94.5	80.0	

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

Point No. D-4

ENGINE MODEL = -00
ENGINE NUMBER = 704741
STAND = X-306
DATE = 01/24/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.

INLET TEMP = 33.00 F
TIME OF DAY = 2200
BARH. PRESSURE = 29.75 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 3 MPH

OBSERVED RPM = 6150
CORRECTED RPM = 6310

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.8	71.3	74.5	74.0	74.3	73.8	72.8	74.2	73.6	73.4	72.9	73.3	74.1	74.6	75.4	76.8	78.1	78.4	79.4	78.8	116.1
.063	76.2	77.5	78.2	77.8	77.8	77.7	74.4	77.3	77.1	77.7	75.7	77.2	79.6	80.1	79.9	81.3	81.4	81.3	81.5	79.7	119.7
.080	75.3	74.0	74.8	73.8	73.0	72.4	72.1	71.9	70.9	71.5	70.7	71.5	71.6	72.8	74.3	76.7	78.3	78.7	79.1	77.2	115.3
.100	74.9	73.6	73.1	71.7	72.9	72.9	71.7	70.7	70.6	71.1	71.3	71.3	71.7	72.6	73.8	76.4	78.2	77.9	79.0	76.1	115.0
.125	75.6	74.3	74.9	73.1	71.7	71.1	71.3	72.4	73.4	73.4	74.7	75.2	74.4	75.8	77.5	78.1	80.5	79.6	80.3	77.8	116.8
.160	74.9	75.0	74.7	73.5	72.4	72.3	72.2	73.3	73.8	74.3	75.2	75.9	76.4	77.2	78.1	81.7	82.0	81.4	81.6	76.2	118.3
.200	76.6	76.5	76.7	75.3	74.9	74.9	74.9	74.9	75.3	75.1	74.8	75.7	77.4	78.4	79.7	82.9	84.2	85.0	85.3	77.3	120.3
.250	79.1	79.3	79.0	77.8	77.4	77.4	76.8	77.9	77.9	76.8	77.7	77.9	77.7	78.9	80.7	81.7	83.7	84.2	84.6	78.3	120.8
.315	79.1	79.7	78.5	78.7	79.2	79.6	79.0	79.0	79.2	80.4	80.1	80.8	80.2	79.9	81.8	82.2	83.4	85.2	87.2	80.7	122.2
.400	81.4	79.3	80.9	80.2	80.9	81.1	80.4	80.3	80.6	81.6	80.4	81.3	80.9	81.7	83.1	83.3	83.3	85.8	89.3	81.5	123.4
.500	80.9	80.1	82.1	80.3	81.6	81.7	81.3	81.8	81.7	81.2	79.5	80.1	80.4	81.1	82.3	82.6	84.1	86.8	92.3	84.1	124.3
.630	81.4	79.5	80.2	79.9	79.7	81.2	80.0	80.5	80.6	79.6	79.5	79.9	80.4	81.6	83.2	82.9	84.1	87.4	90.1	83.9	123.5
.800	77.6	78.1	78.4	78.6	79.4	79.1	79.2	79.1	78.7	79.2	79.1	79.8	81.1	81.3	82.2	81.3	83.2	86.7	87.8	82.5	122.4
1.00	76.3	77.4	78.3	77.6	78.1	78.4	78.4	78.3	78.3	78.0	78.3	79.0	79.4	79.8	81.0	79.5	81.7	85.5	86.7	81.8	121.4
1.25	76.2	77.2	78.6	78.2	78.6	78.4	78.8	78.6	78.8	78.9	78.7	78.9	79.3	79.7	80.2	78.4	81.3	85.1	86.0	80.9	121.3
1.60	78.7	77.8	78.4	78.3	78.3	78.0	78.1	78.2	78.5	78.6	78.4	78.6	79.5	79.4	79.4	78.2	80.5	84.4	85.6	80.5	121.0
2.00	77.9	78.8	78.6	78.2	78.7	78.7	78.0	77.9	78.5	78.7	78.7	78.9	79.1	78.7	78.8	77.9	81.1	84.5	85.5	80.4	121.1
2.50	83.6	84.3	83.5	83.9	84.4	85.5	85.4	86.2	83.3	82.0	80.7	80.5	80.1	79.6	79.4	77.6	80.1	83.0	84.1	79.7	124.7
3.15	86.6	87.9	88.9	87.6	88.1	89.4	89.1	90.2	86.3	84.6	82.8	82.3	81.1	80.3	79.5	77.5	79.1	81.5	82.9	78.4	127.9
4.00	78.6	79.3	80.0	79.6	79.2	78.7	78.1	77.6	77.6	77.3	76.9	77.0	77.1	76.1	76.3	75.1	77.8	80.5	81.7	78.4	120.2
5.00	80.0	80.3	80.8	80.8	81.5	81.0	80.3	79.6	78.5	78.0	77.2	76.9	77.2	75.8	75.9	75.2	78.7	82.0	82.1	78.7	121.6
6.30	81.9	82.3	82.4	83.2	84.1	84.0	83.4	82.5	81.3	81.0	81.3	82.4	82.4	78.8	81.9	80.2	81.8	85.6	84.5	77.6	125.4
8.00	78.8	78.8	79.4	79.2	79.8	79.2	78.4	77.6	76.8	78.2	78.6	79.9	81.5	77.2	83.0	78.8	76.4	79.3	78.7	72.5	122.8
10.0	76.0	76.0	76.7	77.0	77.6	77.2	76.4	76.1	76.9	80.1	82.6	82.5	80.2	78.9	80.4	75.5	73.0	73.6	72.7	68.8	123.5
12.5	73.4	74.2	74.6	74.0	75.2	74.9	74.3	74.4	75.5	77.6	79.6	79.3	75.4	77.9	78.9	74.6	71.4	72.1	70.5	65.1	123.2
16.0	69.4	69.4	70.3	70.6	71.0	70.9	70.6	70.5	72.4	74.9	76.1	75.5	75.6	74.7	75.4	71.7	67.7	66.9	64.0	60.5	122.2
20.0	66.1	65.5	67.1	67.5	67.4	67.6	67.6	67.2	70.1	73.3	72.9	73.4	73.0	72.9	74.2	69.9	66.2	63.9	63.9	64.4	124.2
																			OAPWL =		136.7
TSPL	93.4	93.8	93.9	93.8	94.3	94.7	94.3	94.7	93.2	93.1	92.9	93.2	93.3	93.0	94.3	93.9	95.2	97.6	99.4	93.6	
OSPL	93.3	93.7	93.8	93.7	94.1	94.6	94.2	94.7	93.1	92.9	92.5	92.9	93.0	92.8	94.1	93.8	95.2	97.5	99.4	93.6	
PNLT	109.7	110.6	110.0	110.5	111.1	112.1	111.8	112.7	109.6	108.4	107.2	107.1	106.7	106.0	106.5	105.3	106.9	109.9	110.4	104.7	
PNL	107.8	108.5	108.2	108.4	108.9	109.5	109.1	109.7	107.5	106.8	105.6	105.9	105.6	105.0	105.6	104.5	106.2	109.1	109.7	104.7	

CONDITION = 6150 ALTITUDE = 150. FT SIDELINE

OSPL		76.0	85.3	87.0	89.9	94.1	92.8	94.1	92.6	92.9	91.4	92.6	92.4	91.9	92.7	91.4	91.2	91.2	89.6	77.3	
PNL		89.5	97.3	101.5	104.5	107.0	107.8	109.1	107.3	106.8	105.7	105.6	105.0	104.0	104.2	101.9	101.7	101.9	99.1	86.4	
PNLT		91.7	99.1	103.6	106.6	109.6	110.4	112.1	109.4	108.4	107.1	106.8	106.1	105.1	105.0	102.6	102.4	102.8	99.9	86.4	

CONDITION = 6150 ALTITUDE = 200. FT SIDELINE

OSPL		72.8	84.3	84.6	87.0	89.3	90.1	91.3	90.2	90.2	89.6	89.8	89.7	89.2	90.0	88.7	88.6	88.4	86.9	74.4	
PNL		85.7	94.0	98.5	101.6	104.1	104.9	106.2	104.6	104.1	102.9	102.8	102.2	101.2	101.3	98.4	98.8	98.9	96.6	82.8	
PNLT		87.9	95.6	100.6	103.8	106.7	107.6	109.4	106.6	105.6	104.3	104.0	103.3	102.3	102.1	99.7	99.6	99.8	96.6	82.8	

Point No. D-5

ENGINE MODEL = -06
ENGINE NUMBER = 704741

STAND = X-306
DATE = 01/24/75

TEMPERATURE = 59.6 F

HUMIDITY = 70.6 PER CT.

OBSERVED RPM = 6255
CORRECTED RPM = 6431

INLET TEMP = 31.00 F
TIME OF DAY = 2055
BARM. PRESSURE = 29.75 IN. HG.
WIND DIRECTION = 5
WIND VELOCITY = 3 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	75.3	72.3	75.1	75.0	74.9	74.6	73.6	74.0	73.6	74.0	73.6	74.3	74.9	73.4	76.2	77.3	78.6	79.2	80.6	81.2	116.8
.063	75.9	73.3	75.9	74.7	75.8	75.1	76.1	75.2	75.1	75.6	75.0	75.1	75.2	75.1	76.2	77.3	78.6	79.2	80.6	82.2	121.4
.080	75.9	74.1	75.0	74.1	73.8	73.1	72.1	72.1	72.2	71.9	71.7	71.9	72.3	71.2	75.3	77.3	78.6	79.2	80.1	78.8	115.9
.100	75.8	73.3	74.0	71.9	73.7	73.2	72.7	72.4	72.4	71.5	72.1	71.8	73.2	71.4	75.0	77.8	78.9	79.2	80.2	78.9	117.5
.125	77.1	74.4	75.6	73.6	72.2	72.1	73.6	72.7	75.4	74.1	76.1	75.9	75.9	74.7	78.2	78.9	81.1	80.2	80.7	78.9	119.0
.160	76.8	75.3	76.2	74.1	74.4	73.9	73.9	73.7	75.6	75.3	76.5	76.6	77.7	75.9	79.8	82.3	82.5	81.9	81.7	77.7	119.0
.200	77.4	77.1	77.6	76.1	76.4	75.9	75.9	75.1	76.2	75.4	76.0	76.4	76.3	77.1	80.2	83.8	84.6	85.5	85.4	78.4	120.8
.250	79.6	79.7	79.5	78.4	77.9	78.2	77.9	78.5	78.7	77.4	78.4	78.9	78.8	77.3	81.3	82.6	84.0	84.3	85.0	79.4	121.3
.315	79.4	80.1	79.1	79.1	80.1	80.2	79.7	79.3	79.8	80.7	80.7	81.4	81.4	78.8	82.2	82.6	83.6	85.1	86.9	81.4	122.5
.400	81.9	79.7	81.4	80.8	81.3	81.7	80.8	80.8	81.1	81.4	81.6	81.3	81.7	80.3	83.7	83.7	83.9	84.2	85.5	82.3	123.7
.500	81.2	80.7	82.5	80.7	82.2	82.1	81.7	81.6	82.2	81.7	80.6	81.6	81.1	80.0	83.1	82.7	84.4	86.9	92.4	84.3	124.5
.630	80.8	79.8	80.6	80.6	80.7	81.8	80.6	80.9	80.4	80.2	80.4	80.7	81.1	80.5	84.1	82.9	84.7	87.6	90.2	84.0	123.9
.800	78.3	78.5	78.9	78.6	79.9	80.0	80.0	80.1	79.6	79.4	79.9	80.4	81.7	80.3	82.8	81.6	83.6	86.6	87.6	82.7	122.9
1.00	76.7	78.0	78.6	78.6	78.5	79.0	78.9	78.7	78.8	78.5	79.0	79.7	80.1	78.7	81.5	79.8	82.3	85.7	86.9	81.7	121.7
1.25	76.7	77.6	79.0	78.6	79.3	78.9	79.4	79.2	79.3	79.2	79.5	80.1	79.8	78.2	80.7	78.7	81.6	85.2	86.4	81.0	121.7
1.60	77.0	78.2	78.8	78.6	79.1	78.5	78.7	78.8	79.0	79.3	79.9	79.8	79.8	78.1	79.8	78.4	80.7	84.6	86.0	80.8	121.4
2.00	78.1	78.7	79.1	78.6	79.2	78.7	78.4	78.3	78.9	79.2	79.5	79.9	79.8	77.5	79.1	78.2	81.3	84.5	85.7	80.6	121.4
2.50	81.4	81.6	81.8	81.5	82.7	82.3	83.0	82.3	81.6	80.9	81.9	82.4	81.4	78.0	79.3	77.2	79.4	81.7	83.4	78.6	127.5
3.15	87.3	86.9	87.0	87.4	88.9	88.2	89.5	88.2	88.2	86.1	86.9	87.4	86.4	84.8	86.5	84.8	84.8	84.8	84.3	80.3	123.0
4.00	78.3	79.0	80.1	79.5	79.7	79.7	78.3	77.6	78.1	77.6	77.7	78.3	77.4	74.8	76.2	75.4	78.7	82.6	82.3	79.3	121.4
5.00	79.9	80.0	81.0	80.1	81.4	80.3	79.5	78.7	78.2	77.4	77.3	77.8	77.4	74.8	76.2	75.4	78.7	82.6	82.3	79.3	121.4
6.30	82.5	82.6	83.4	82.8	84.8	84.1	83.2	82.6	81.6	80.3	81.2	82.7	81.4	78.6	80.6	78.9	81.8	85.3	84.7	77.6	125.2
8.00	78.0	77.6	80.2	78.0	80.0	78.7	78.0	77.5	77.6	76.2	79.6	79.1	75.2	75.4	82.1	79.8	78.1	80.8	80.5	74.1	122.8
10.0	76.3	76.5	77.5	77.1	78.9	77.2	76.5	76.6	76.7	74.7	81.4	82.8	79.7	76.4	79.4	74.8	75.2	73.9	73.1	70.3	123.3
12.5	73.2	74.2	75.2	72.6	77.1	75.2	74.3	74.9	75.7	77.9	78.9	80.4	79.6	77.4	78.9	74.8	72.6	72.6	71.1	67.0	123.5
16.0	69.5	69.2	70.4	70.4	71.5	70.9	70.7	71.4	72.6	75.2	76.4	76.4	76.2	73.0	75.5	71.7	66.1	67.2	64.8	63.0	122.5
20.0	66.2	65.5	67.7	67.5	67.9	67.6	67.9	67.5	70.4	73.5	74.2	74.6	72.4	72.0	74.2	70.1	66.9	64.3	63.9	63.7	124.4
																			CAPWL =		136.8
TSPL	93.8	93.5	94.2	93.7	94.1	94.4	94.4	93.7	93.4	93.4	93.2	93.6	93.7	91.8	94.6	94.4	95.7	97.9	99.6	94.3	
OSPL	93.7	92.5	94.1	93.6	94.7	94.3	94.3	93.6	93.4	93.1	92.9	93.6	93.4	91.5	94.4	94.3	95.7	97.6	99.6	94.3	
PNLT	114.7	111.2	114.5	110.6	112.1	111.5	112.3	111.3	110.6	109.0	108.8	107.4	107.1	104.4	106.5	105.4	107.1	108.8	110.8	105.3	
PNL	106.2	106.0	106.5	106.3	106.1	106.9	106.4	106.0	107.5	107.0	106.8	106.2	105.9	103.3	105.6	104.5	106.4	108.2	110.2	105.3	

CONDITION = 6255 ALTITUDE = 150. FT SIDELINE

OSPL		75.9	85.6	86.5	91.4	91.7	92.4	93.2	93.1	93.1	93.7	93.2	92.6	90.6	93.1	91.9	91.6	91.5	89.8	78.0
PNL		89.1	97.5	101.4	105.2	106.1	106.0	108.0	107.5	107.0	105.6	104.4	103.3	102.3	104.2	101.9	102.1	102.4	99.6	87.0
PNLT		91.3	99.6	103.7	107.7	108.9	111.0	110.7	109.5	109.1	107.7	107.0	105.6	103.5	105.1	102.8	102.7	102.9	100.2	87.0

CONDITION = 6255 ALTITUDE = 200. FT SIDELINE

OSPL		77.9	86.7	86.1	87.6	89.1	96.2	96.5	96.4	96.4	96.0	96.4	96.1	87.5	90.4	89.2	89.0	88.7	87.1	75.2
PNL		89.2	96.7	98.6	101.4	103.4	104.1	104.1	104.5	104.7	103.8	103.2	102.5	99.5	101.4	99.1	99.2	99.3	96.5	83.4
PNLT		91.5	98.4	101.7	104.6	106.6	108.1	107.9	106.7	106.2	105.9	105.4	105.2	102.7	104.6	102.6	102.6	102.9	100.2	83.4

Point No. D-6

ENGINE MODEL = -06
ENGINE NUMBER = 704741
STAND = X-308
DATE = 01/24/75

TEMPERATURE = 59.0 F
HUMIDITY = 70.0 PER CT.

INLET TEMP = 31.00 F
TIME OF DAY = 2120
BARM. PRESSURE = 29.75 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 3 MPH

OBSERVED RPM = 5116
CORRECTED RPM = 5260

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	73.3	71.0	72.8	73.2	72.7	72.9	71.2	72.0	71.6	72.2	71.2	71.9	72.2	72.9	73.0	74.9	75.7	76.5	77.2	78.4	114.3
.063	77.6	78.7	77.4	75.0	77.4	79.1	73.9	78.6	76.9	79.2	77.0	78.5	79.0	80.9	79.3	81.8	80.0	82.1	80.3	81.0	120.1
.080	74.9	74.1	74.4	72.6	73.3	71.4	72.2	71.0	71.2	71.4	71.7	70.4	72.1	71.1	73.8	74.7	75.8	76.7	76.9	75.9	114.2
.100	72.5	72.7	72.0	70.6	71.6	70.7	70.0	69.3	69.1	70.5	70.1	70.5	70.4	71.3	71.9	75.1	76.3	76.8	76.4	75.4	113.4
.125	73.3	72.7	74.1	73.1	71.8	70.8	70.8	71.3	72.2	72.4	73.8	74.6	73.1	74.4	76.0	77.3	79.3	79.7	78.5	77.5	115.9
.160	72.3	72.7	71.7	71.4	71.6	71.0	70.3	71.4	72.0	72.6	73.1	73.9	74.7	74.9	76.7	79.3	80.2	79.9	79.5	74.6	116.4
.200	74.6	75.2	74.0	73.9	73.8	73.6	73.1	73.2	73.6	73.6	73.5	74.0	75.8	76.4	77.4	81.0	82.5	83.9	83.1	75.4	118.6
.250	76.5	77.6	77.6	76.4	75.9	76.7	75.4	76.2	76.1	75.5	76.5	76.5	76.6	76.8	79.2	80.0	81.8	82.3	81.6	76.0	119.1
.315	76.1	77.2	76.4	76.7	77.5	78.2	77.4	77.4	77.4	78.5	77.9	78.4	78.3	78.0	79.8	80.6	81.7	83.5	85.1	78.2	120.4
.400	79.6	77.6	79.4	79.0	79.4	80.1	78.9	79.5	79.5	80.1	78.5	79.1	79.2	79.7	80.8	81.5	82.4	85.1	87.4	79.9	121.9
.500	79.3	79.1	80.7	79.1	80.1	80.1	80.2	80.4	80.9	80.4	78.7	79.4	79.3	80.2	80.8	81.9	83.0	86.2	91.0	82.0	123.2
.630	78.7	78.4	79.6	79.4	79.3	79.6	78.8	79.5	78.9	78.5	78.4	78.7	79.0	79.5	81.5	81.8	83.7	86.2	88.0	81.3	122.2
.800	75.8	76.7	77.4	78.2	78.0	78.7	79.2	78.5	77.6	77.5	78.0	78.1	79.4	80.2	81.3	81.3	82.3	85.6	85.7	79.8	121.4
1.00	75.1	76.7	77.4	77.1	77.2	77.1	77.2	77.0	76.5	76.3	76.7	77.5	77.9	78.2	79.3	79.0	81.0	84.3	84.9	79.2	120.0
1.25	75.6	77.3	76.2	77.5	77.6	77.6	77.5	77.6	77.1	76.7	77.0	77.4	77.9	78.3	78.8	77.9	79.8	84.0	84.1	78.3	120.0
1.60	76.4	77.6	76.1	76.6	77.3	77.5	77.1	77.0	77.2	77.1	77.1	77.2	77.8	78.3	78.3	77.7	79.1	83.4	83.9	78.0	119.8
2.00	79.6	79.8	80.2	79.2	79.6	79.2	78.1	78.6	78.5	77.8	79.1	79.3	78.9	79.0	78.9	77.5	79.8	83.2	84.2	79.0	120.8
2.50	86.3	85.3	85.4	84.9	85.0	84.2	84.1	82.1	80.4	79.0	78.5	77.9	78.2	78.2	77.8	76.5	78.3	81.2	82.1	76.7	123.3
3.15	78.8	80.1	80.4	80.6	80.6	79.4	78.6	77.8	76.8	76.4	76.4	76.6	77.0	76.7	75.8	74.8	77.2	80.1	81.1	76.0	119.9
4.00	80.5	81.4	81.5	81.8	81.2	80.3	79.3	78.3	77.2	76.1	75.8	76.0	76.4	76.2	76.1	76.4	80.6	84.6	84.0	79.8	121.6
5.00	81.3	81.8	82.0	83.2	82.7	83.1	82.5	81.6	79.2	77.7	78.0	78.9	77.0	76.5	77.9	77.1	80.8	85.4	82.9	77.3	123.4
6.30	80.6	81.1	82.0	81.6	82.4	80.9	80.5	79.4	77.9	77.4	78.5	80.4	79.5	77.7	77.4	76.2	78.6	83.5	81.5	75.5	122.7
8.00	77.9	78.7	79.2	79.6	80.9	80.0	79.1	78.5	77.4	78.1	79.9	80.7	79.9	78.9	77.9	74.7	73.1	74.8	74.1	70.0	122.3
10.0	78.1	76.8	77.3	77.3	78.5	78.0	77.5	77.3	77.8	79.0	81.6	83.1	82.1	80.9	80.1	76.6	74.1	74.5	72.1	68.0	123.9
12.5	76.9	75.3	75.4	74.6	75.6	74.8	73.8	73.3	73.3	74.0	75.7	76.2	76.6	75.2	74.5	72.1	69.2	69.2	67.1	62.8	121.1
16.0	69.5	71.4	71.0	71.2	71.2	71.2	70.2	68.8	69.1	69.5	71.6	71.1	71.0	70.3	69.7	67.0	64.0	63.4	61.4	58.1	119.0
20.0	66.6	66.9	67.9	68.0	67.4	67.6	67.1	65.2	66.4	67.2	68.3	68.5	67.1	67.3	67.8	65.1	62.9	60.1	62.8	62.6	120.3
																			DAPNL =		135.1
TSPL	92.5	92.7	93.2	92.9	93.2	92.8	92.2	91.8	91.2	91.1	91.3	92.0	91.9	91.9	92.4	92.7	94.1	96.8	97.7	91.9	
OSPL	92.4	92.6	93.1	92.8	93.1	92.7	92.1	91.7	91.6	91.0	91.1	91.8	91.7	91.8	92.3	92.7	94.0	96.8	97.7	91.9	
PNLT	109.1	108.4	108.8	108.3	108.4	107.8	107.7	106.2	104.7	104.3	104.1	105.0	104.6	104.8	104.5	104.4	106.4	109.9	110.0	104.9	
PNL	106.7	106.6	106.9	106.6	106.8	106.2	105.8	104.8	103.7	103.1	103.1	103.8	103.5	103.3	103.5	103.2	105.7	109.0	108.9	103.9	

CONDITION = 5116 ALTITUDE = 150. FT SIDELINE

OSPL		74.6	82.5	86.1	88.6	90.1	90.7	91.1	90.9	91.0	91.0	91.5	91.1	90.9	91.0	90.2	90.0	90.3	87.8	75.6	
PNL		87.9	96.1	99.8	102.5	103.6	104.4	104.2	103.6	103.1	103.0	103.5	102.9	102.4	102.1	100.6	101.3	102.0	98.0	84.7	
PNLT		89.7	97.8	101.4	104.1	105.3	106.3	105.6	104.5	104.3	103.9	104.7	104.0	103.9	103.1	101.8	102.0	103.0	99.1	85.3	

CONDITION = 5116 ALTITUDE = 200. FT SIDELINE

OSPL		71.7	79.5	83.1	85.9	87.2	87.9	88.4	88.2	88.2	88.2	88.6	88.3	88.1	86.3	87.6	87.3	87.4	85.1	72.7	
PNL		84.1	92.9	96.7	99.5	100.8	101.6	101.4	100.8	100.2	100.2	100.5	100.0	99.6	99.3	97.7	98.4	99.0	94.7	81.0	
PNLT		86.0	94.6	98.4	101.2	102.4	103.5	102.8	101.7	101.6	101.1	101.7	101.1	101.1	100.3	98.9	99.1	99.9	95.8	81.7	

Point No. D-7

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-306
DATE = 01/24/75

TEMPERATURE = 59.0 F.

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7068
CORRECTED RPM = 7275

INLET TEMP = 30.00 F
TIME OF DAY = 2128
BARM. PRESSURE = 29.75 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 3 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	77.2	74.1	76.9	77.3	77.5	77.2	76.3	76.8	76.9	76.3	76.1	77.3	78.5	78.9	80.9	82.4	84.2	83.5	85.0	82.5	120.6
.063	79.8	78.9	80.2	80.0	80.2	79.7	77.0	79.5	79.6	79.5	78.3	79.1	81.7	82.9	83.3	85.9	86.2	85.1	84.5	82.0	122.9
.080	79.7	78.3	78.5	77.4	76.9	75.9	75.6	75.8	74.4	75.2	75.1	76.4	76.8	79.0	81.6	83.8	85.2	85.1	84.8	80.4	120.9
.100	77.5	77.0	76.6	75.2	75.7	74.9	74.5	74.1	74.5	75.2	75.7	76.8	77.8	79.5	80.6	84.1	85.4	84.2	83.9	80.4	120.6
.125	78.2	76.4	76.7	75.6	74.9	74.0	74.2	76.2	77.2	77.6	79.2	80.6	81.1	83.1	84.6	84.8	86.5	84.7	84.4	81.5	122.2
.160	77.4	77.2	77.5	77.3	76.7	76.5	76.4	77.7	78.4	79.5	80.9	82.7	83.8	85.5	86.1	90.3	89.9	86.7	85.3	81.3	125.3
.200	80.4	80.6	80.3	79.6	79.7	79.6	79.4	79.5	80.4	80.8	81.2	83.0	85.0	86.8	89.0	93.1	92.9	89.8	88.7	82.0	127.7
.250	83.3	83.8	83.3	83.2	82.1	83.1	82.5	83.5	83.6	83.5	84.0	85.4	86.0	88.1	90.1	92.2	92.4	90.2	88.3	83.7	128.2
.315	83.7	84.3	83.5	83.8	84.7	86.4	85.8	85.1	86.0	87.1	87.5	88.2	88.6	89.6	91.5	92.0	91.5	91.2	91.3	85.8	129.5
.400	86.5	86.1	86.9	86.5	86.5	87.6	87.3	87.3	87.3	87.5	87.5	88.3	89.3	91.8	93.6	92.3	90.6	91.1	94.0	87.5	130.6
.500	86.9	86.9	87.9	86.9	86.1	88.4	88.0	88.8	88.7	88.8	88.0	88.8	89.9	91.8	93.6	91.8	91.2	92.9	95.0	89.4	131.3
.630	86.8	86.6	86.8	87.3	87.9	87.9	87.8	88.2	88.5	89.4	89.6	89.3	89.4	91.7	94.3	92.4	92.2	93.7	95.5	90.5	131.7
.800	85.7	86.5	86.9	87.1	87.2	87.6	87.7	88.4	88.0	88.5	88.1	89.1	90.4	91.8	93.1	91.2	92.0	93.2	94.6	90.6	131.1
1.00	84.8	86.1	87.2	86.7	86.7	86.7	86.9	87.1	87.6	86.9	87.5	88.7	89.6	90.6	91.5	89.8	91.2	93.1	93.8	90.4	130.3
1.25	84.0	85.5	87.0	86.8	86.9	86.9	87.2	87.1	87.5	87.4	87.4	88.6	89.6	90.3	90.7	88.6	89.9	92.0	92.7	89.4	129.9
1.60	84.2	85.7	87.2	86.9	87.4	87.0	86.9	86.8	87.4	87.6	88.0	88.8	89.8	90.3	90.0	88.2	89.2	91.7	92.2	89.2	129.8
2.00	84.0	85.6	86.7	86.2	87.0	86.9	86.5	86.5	87.4	87.6	88.1	88.6	89.3	89.6	89.2	87.4	89.0	91.3	92.0	88.6	129.6
2.50	84.4	85.8	87.3	87.1	87.3	87.0	86.9	86.8	87.4	87.4	87.8	88.8	89.1	89.2	88.8	86.9	88.7	90.9	91.7	88.6	129.7
3.15	91.2	91.3	93.0	93.6	95.2	95.4	95.0	93.6	92.9	90.5	89.6	89.7	89.3	89.1	88.4	86.4	87.9	89.7	90.8	87.6	134.0
4.00	83.8	85.3	86.9	87.2	87.7	87.4	87.3	86.5	87.5	86.8	86.8	87.4	87.6	87.1	86.6	84.7	86.4	88.2	89.1	86.3	129.2
5.00	82.4	84.2	85.8	85.8	86.0	85.8	86.0	85.4	86.0	85.7	85.7	86.2	86.0	86.0	85.1	83.4	85.0	87.0	87.5	85.3	128.1
6.30	84.5	86.3	86.6	86.5	87.3	87.4	87.1	86.9	86.4	86.0	85.8	85.4	84.9	84.9	83.8	82.0	83.7	86.6	86.0	82.8	128.8
8.00	80.3	81.6	82.9	82.9	83.1	83.1	83.2	83.0	83.2	84.2	84.3	83.9	83.3	83.0	82.8	82.5	85.4	86.5	87.9	82.9	127.8
10.0	78.1	79.7	80.9	81.1	82.0	81.9	82.0	82.1	82.7	83.8	84.5	83.8	82.9	81.8	82.0	78.8	79.1	79.9	80.3	77.7	127.2
12.5	74.5	77.2	78.3	78.1	79.2	79.3	79.5	80.6	82.1	84.2	84.7	84.5	83.9	82.8	82.4	78.1	77.4	78.0	76.7	73.6	128.5
16.0	70.9	72.6	74.1	74.6	74.8	75.3	75.7	76.5	78.2	80.3	79.5	78.7	78.8	77.6	77.6	74.1	73.0	72.8	71.5	68.6	126.3
20.0	67.9	68.9	70.7	71.5	71.3	71.9	72.8	72.9	75.7	77.8	77.0	76.1	75.5	75.6	75.6	71.5	10.8	68.8	10.5	10.1	127.7
																				CAPWL =	143.2
TSPL	98.0	98.6	99.7	99.7	100.4	100.6	100.3	100.1	100.2	100.1	100.1	100.7	101.2	102.2	103.3	102.8	103.1	103.8	104.7	100.6	
OSPL	98.0	98.5	99.6	99.6	100.4	100.5	100.3	100.0	100.1	99.9	99.9	100.5	101.1	102.2	103.3	102.7	103.1	103.8	104.7	100.6	
PNLT	114.7	114.7	116.1	116.5	117.9	118.2	117.8	116.8	116.1	114.5	113.0	113.5	114.3	114.7	114.2	112.9	114.6	116.3	116.9	112.5	
PNL	112.3	112.8	114.1	114.3	115.3	115.4	115.2	114.5	114.3	113.3	113.0	113.5	113.6	114.0	114.2	112.9	114.0	115.4	116.1	112.5	

CONDITION = 7066 ALTITUDE = 150. FT SIDELINE

OSPL	81.2	89.3	93.0	96.2	98.0	98.9	99.4	99.9	99.9	99.8	100.2	100.5	101.3	102.0	100.3	99.1	97.4	94.8	83.9	
PNL	94.0	103.3	107.5	111.0	112.9	113.8	113.9	114.2	113.3	112.9	113.1	113.0	113.1	112.8	110.4	109.7	108.7	105.5	94.2	
PNLT	96.0	105.3	109.7	113.6	115.6	116.4	116.2	116.0	114.5	112.9	113.1	113.7	113.7	112.5	110.4	110.4	109.7	106.3	94.2	

CONDITION = 7068 ALTITUDE = 200. FT SIDELINE

OSPL	78.2	86.3	90.1	93.3	95.2	96.2	96.7	97.2	97.2	97.1	97.5	97.9	98.6	99.4	97.7	96.5	94.7	92.0	80.9	
PNL	90.2	100.0	104.5	108.1	110.0	111.0	111.1	111.4	110.5	110.1	110.4	110.2	110.3	110.0	107.6	106.9	105.7	102.4	90.6	
PNLT	92.3	102.1	106.7	110.7	112.8	113.6	113.4	113.2	111.7	110.1	110.4	110.9	111.0	110.0	107.6	107.6	106.7	103.0	90.6	

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

Point No. D-8

ENGINE MODEL = -00
ENGINE NUMBER = 704741

STAND = X-308
DATE = 01/24/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

INLET TEMP = 32.00 F
TIME OF DAY = 2154
BAKM. PRESSURE = 29.75 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 3 MPH

OBSERVED RPM = 7625
CORRECTED RPM = 7729

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	78.3	74.9	78.4	78.3	78.4	78.3	77.1	77.5	77.7	77.6	77.8	78.5	79.5	80.5	82.1	84.1	85.4	84.4	84.9	85.9	121.7
.063	79.9	79.4	80.1	80.0	79.8	79.9	77.4	79.5	79.3	79.5	78.4	79.9	82.1	83.6	84.4	87.5	87.9	86.9	85.3	85.6	123.9
.080	80.3	78.9	79.5	78.1	77.2	78.8	76.5	76.6	75.5	76.0	76.4	77.9	79.1	81.4	83.8	86.4	87.1	87.0	85.2	84.4	122.7
.100	78.5	77.5	77.5	76.0	76.3	75.7	75.5	74.7	75.3	76.0	76.0	77.7	79.6	80.9	82.4	85.8	86.9	85.6	85.0	83.9	122.0
.125	76.6	77.2	77.2	76.2	75.7	74.7	75.4	76.9	76.1	78.6	80.3	81.7	82.8	84.5	85.7	86.4	87.4	86.1	85.9	83.8	123.4
.160	78.1	78.2	77.7	77.7	77.2	77.1	77.7	78.4	79.2	80.5	82.4	84.0	85.7	87.3	89.6	92.2	91.6	88.1	86.1	83.1	126.9
.200	81.1	82.0	81.5	80.6	80.3	80.3	80.4	80.3	81.4	82.0	83.3	84.8	87.1	89.1	91.3	95.0	94.3	90.8	89.4	83.5	129.3
.250	83.9	84.1	84.3	83.9	82.6	83.4	83.0	84.0	84.4	84.3	85.5	86.4	87.9	90.1	92.3	94.7	94.4	91.4	89.6	84.7	130.0
.315	84.4	85.3	84.7	84.8	85.5	87.3	86.0	86.1	86.0	88.1	88.7	89.8	90.3	91.6	93.1	94.2	93.4	93.1	92.1	87.3	131.1
.400	87.4	86.4	88.0	87.7	87.8	88.8	86.4	88.6	88.7	86.9	89.5	90.1	91.4	93.7	95.4	94.7	92.8	92.8	95.1	88.5	132.3
.500	87.6	88.6	89.1	88.3	89.2	89.4	89.0	89.7	89.9	89.7	89.8	90.6	92.1	94.1	95.3	93.9	92.8	94.3	96.1	90.1	132.7
.630	87.7	88.3	88.0	88.6	88.3	89.1	88.2	88.8	89.3	89.9	89.8	90.2	91.4	93.3	95.1	93.8	93.5	95.4	96.9	91.7	132.8
.800	88.1	87.9	87.8	87.9	88.2	87.9	88.3	88.6	88.6	89.2	89.6	90.8	92.3	93.8	94.2	92.8	93.3	95.1	95.6	91.1	132.4
1.00	87.1	88.4	89.2	88.9	89.3	88.4	88.6	89.1	89.3	88.4	89.6	90.9	91.9	92.9	93.4	92.5	92.8	95.4	95.4	91.3	132.3
1.25	86.7	87.2	88.8	88.6	88.4	88.6	88.5	88.7	89.0	89.2	89.6	90.8	91.8	92.6	92.3	91.3	91.8	94.2	94.0	90.2	131.8
1.60	85.8	87.7	89.0	88.8	88.7	88.6	88.6	88.8	89.1	89.5	90.2	90.9	92.0	92.3	91.8	90.7	91.0	93.6	93.5	90.0	131.7
2.00	86.2	88.5	89.1	88.8	89.0	89.0	88.5	89.0	89.5	89.7	90.2	91.1	91.7	91.7	91.0	89.8	90.8	92.9	93.2	89.6	131.6
2.50	86.1	86.6	89.6	89.6	89.0	88.9	89.1	89.3	89.4	89.8	90.2	91.0	91.2	91.5	90.8	89.4	90.4	92.6	92.8	89.4	131.7
3.15	90.0	92.3	93.3	93.2	93.7	92.5	92.1	91.2	90.8	90.7	90.8	91.2	91.0	90.8	89.9	88.4	89.6	91.7	92.1	88.4	133.2
4.00	88.2	90.7	91.4	91.7	91.1	91.3	90.9	90.6	90.4	89.8	89.8	90.2	90.0	89.6	89.0	87.5	88.4	90.1	90.4	87.1	132.3
5.00	84.3	86.7	88.0	88.3	88.5	88.2	88.4	88.0	88.1	88.2	88.2	88.3	88.2	87.1	85.9	86.7	88.7	88.8	88.8	85.8	130.3
6.30	84.5	86.2	87.4	87.6	87.5	87.7	87.8	87.5	87.5	87.6	87.5	87.3	86.8	86.6	85.5	84.2	85.1	87.2	87.1	83.7	129.9
8.00	82.9	84.2	86.1	85.2	85.6	86.1	85.9	85.7	85.7	86.4	86.5	86.1	85.7	85.3	84.7	83.7	85.8	88.0	87.8	83.1	129.7
10.0	79.3	81.0	82.8	82.6	83.3	83.3	83.7	83.7	84.4	85.6	86.1	85.8	84.8	83.7	83.7	81.2	81.4	82.5	82.5	79.0	128.9
12.5	75.6	78.4	80.0	79.6	80.5	80.6	81.2	82.1	83.5	85.6	86.0	85.8	85.4	82.9	82.2	79.3	79.0	79.2	77.0	74.5	129.7
16.0	71.9	73.6	75.4	75.6	75.9	76.5	77.4	77.7	79.6	81.1	81.1	80.4	80.4	78.5	78.6	75.3	74.3	74.0	72.8	69.7	127.6
20.0	68.4	69.8	71.7	72.2	72.0	73.1	74.3	74.2	77.1	79.1	78.5	77.8	77.4	76.7	76.6	72.8	71.9	70.6	68.3	9.9	129.1
																				DIAPHL =	144.7
TSPL	99.0	100.4	101.5	101.2	101.3	101.2	101.0	101.0	101.2	101.5	101.9	102.5	103.3	104.3	105.0	104.9	104.7	105.5	105.6	101.6	
OSPL	96.9	100.4	101.2	101.1	101.2	101.1	100.9	100.9	101.1	101.3	101.7	102.4	103.2	104.2	104.9	104.9	104.7	105.5	105.8	101.6	
PNLT	112.6	114.4	115.3	115.2	116.5	114.9	114.7	114.3	114.3	114.4	114.7	115.3	115.6	115.9	115.8	115.1	115.6	117.7	117.6	113.5	
PNL	112.6	114.4	115.3	115.2	115.4	114.9	114.7	114.3	114.3	114.4	114.7	115.3	115.6	115.9	115.8	115.1	115.6	117.1	117.3	113.5	

CONDITION = 7525 ALTITUDE = 150. FT SIDELINE

OSPL		82.9	96.6	94.5	97.0	98.6	99.6	100.3	101.0	101.3	101.6	102.1	102.6	103.3	103.6	102.5	100.7	99.1	95.9	85.1	
PNL		95.6	104.4	108.3	111.1	112.3	113.3	113.7	114.2	114.4	114.6	114.4	115.0	115.0	114.5	112.5	111.4	110.4	106.6	95.2	
PNLT		96.0	104.4	108.5	111.2	112.3	113.3	113.7	114.2	114.4	114.6	114.4	114.9	115.0	115.0	114.5	112.5	111.4	111.0	106.6	95.2

CONDITION = 7525 ALTITUDE = 200. FT SIDELINE

OSPL		79.8	87.6	91.6	94.2	96.0	96.8	97.6	98.3	98.6	98.8	99.4	99.9	100.7	101.0	99.9	98.1	96.4	93.2	82.1	
PNL		91.8	101.2	105.3	108.2	109.1	110.5	110.9	111.4	111.6	111.8	112.1	112.2	112.2	111.7	109.8	108.6	107.4	103.5	91.6	
PNLT		92.8	101.2	105.5	108.3	109.5	110.5	110.9	111.4	111.6	111.8	112.1	112.2	112.2	111.7	109.8	108.6	107.4	103.5	91.6	

Point No. D-9

ENGINE MODEL = -6C
ENGINE NUMBER = 704741

STAND = X-306
DATE = 01/24/75

TEMPERATURE = 59.0 F

HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 7668
CORRECTED RPM = 7882

INLET TEMP = 31.00 F
TIME OF DAY = 2140
BARM. PRESSURE = 29.75 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 3 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	78.6	75.5	79.2	78.6	78.8	78.3	77.7	78.2	78.7	76.1	78.4	78.8	80.5	81.1	82.6	84.6	86.1	84.8	85.1	86.9	122.3
.063	80.6	80.0	80.7	80.4	80.7	78.4	80.3	80.1	81.0	79.0	80.9	82.8	84.6	84.8	87.9	88.1	87.4	85.6	85.7	124.4
.080	81.0	79.2	81.3	78.5	78.7	77.4	78.1	77.4	77.1	76.6	77.3	78.7	79.9	81.6	84.2	86.4	88.0	87.4	86.1	85.3	123.3
.100	79.9	78.6	79.1	78.6	78.2	76.2	77.3	75.7	76.8	76.7	78.1	78.3	80.6	81.9	83.2	86.7	87.7	86.6	85.6	84.0	122.9
.125	81.6	78.1	78.9	76.6	77.8	75.2	77.6	77.0	78.5	78.0	81.1	81.5	83.5	85.1	86.2	87.1	88.2	86.6	86.8	84.6	124.1
.160	80.2	78.7	79.6	78.1	79.2	77.5	79.4	79.0	80.7	81.1	83.2	84.7	86.2	88.1	90.5	92.9	92.2	88.2	87.3	83.7	127.6
.200	82.3	82.2	82.8	80.9	81.5	80.8	81.9	80.6	82.5	82.9	83.9	85.4	87.9	89.7	91.8	95.5	94.0	91.3	90.3	84.6	129.9
.250	84.1	84.7	85.1	84.2	83.5	84.1	84.1	84.5	85.2	84.9	86.2	87.3	88.8	90.8	92.9	95.1	94.7	92.1	90.5	86.4	130.5
.315	85.4	85.6	85.3	85.1	85.9	87.6	87.5	86.7	87.4	88.6	89.5	90.2	91.1	92.3	94.0	94.7	94.6	93.1	92.1	88.6	131.6
.400	86.2	86.4	86.4	86.0	86.0	89.3	89.2	89.0	89.1	89.5	90.0	90.6	92.2	94.7	96.2	94.9	93.3	93.1	95.5	89.9	132.8
.500	88.0	86.8	89.6	86.3	89.8	90.1	89.7	90.9	91.2	90.4	90.4	90.5	92.1	94.3	96.2	94.0	93.7	95.7	97.5	93.0	133.3
.630	87.6	88.2	88.2	86.8	86.8	89.2	88.5	88.8	89.1	90.4	90.4	90.5	92.1	94.3	96.2	94.0	93.7	95.0	96.4	92.4	132.9
.800	86.6	88.0	88.6	88.4	88.3	88.4	88.8	89.3	88.9	90.2	90.2	91.5	93.0	94.4	95.3	93.1	93.7	95.9	96.4	93.0	132.9
1.00	88.6	88.6	89.7	89.4	89.0	88.7	89.5	89.4	89.5	89.2	90.3	91.4	92.9	93.6	94.0	92.7	93.4	95.9	96.4	93.0	132.9
1.25	88.8	87.8	89.5	89.4	89.1	89.1	89.3	89.3	89.5	91.0	90.2	91.4	92.6	93.3	93.0	91.8	92.1	94.5	95.0	91.8	132.4
1.60	86.7	87.9	89.8	89.4	89.1	89.3	89.2	89.4	89.5	90.3	91.0	91.8	92.8	92.9	92.4	91.2	91.4	94.2	94.8	91.4	132.4
2.00	87.5	88.7	90.1	89.4	89.5	89.7	89.5	89.7	90.4	90.7	91.2	91.9	92.4	92.1	91.8	90.3	91.3	93.6	94.3	91.1	132.4
2.50	87.2	89.3	90.5	90.1	89.7	89.8	90.0	90.2	90.1	90.6	91.1	91.0	92.1	91.8	91.5	89.8	90.9	93.3	93.9	91.1	132.5
3.15	89.5	91.5	91.9	92.0	92.3	91.5	90.7	90.8	90.2	90.5	90.9	91.6	91.4	90.5	90.4	88.9	89.9	92.2	93.2	90.0	132.8
4.00	90.3	92.2	91.8	92.3	92.5	91.9	91.1	91.0	90.6	90.7	90.4	90.5	90.7	90.1	89.7	88.0	89.7	90.7	91.5	88.8	132.9
5.00	88.1	87.2	88.7	88.8	89.1	89.2	89.2	89.9	88.6	89.8	89.1	89.4	89.1	88.6	87.9	86.5	87.1	89.3	89.8	87.4	131.0
6.30	85.9	86.2	87.3	87.0	87.0	88.0	88.1	88.0	87.7	88.2	88.0	87.7	87.5	86.7	86.1	84.5	85.1	87.6	88.0	85.1	130.3
8.00	82.6	84.3	85.4	85.4	85.7	86.2	86.3	86.5	86.0	87.0	87.4	86.7	86.3	85.3	85.1	83.9	85.5	86.2	86.9	84.3	130.0
10.0	78.7	80.8	82.4	82.6	83.3	83.6	84.0	84.6	84.6	86.1	87.1	86.1	85.7	84.3	84.6	82.1	81.6	83.3	83.7	80.8	129.5
12.5	74.4	78.1	79.9	79.5	80.4	80.9	81.3	83.1	83.8	86.2	86.7	85.5	85.3	84.6	83.5	79.9	78.6	79.7	78.5	76.2	130.1
16.0	71.3	73.4	75.5	75.8	76.0	77.0	77.8	78.8	80.1	82.0	82.2	80.8	81.2	79.9	79.6	76.1	74.4	75.0	73.8	71.6	128.4
20.0	69.1	69.5	71.8	72.5	72.4	73.5	74.8	75.7	78.0	80.7	80.2	78.8	78.6	77.7	77.9	74.1	72.3	71.6	72.2	70.2	130.4
																				OAPWL =	145.2
TSPL	99.7	100.7	101.6	101.4	101.5	101.6	101.4	101.5	101.6	102.1	102.5	103.2	104.0	104.9	105.8	105.3	105.2	105.9	106.7	103.0	
OSPL	99.7	100.7	101.5	101.3	101.4	101.5	101.4	101.4	101.5	101.9	102.4	103.1	103.9	104.4	105.7	105.3	105.2	105.9	106.7	103.0	
PNLT	114.2	114.6	115.0	115.0	115.2	115.0	114.6	114.6	114.5	115.4	115.2	115.8	116.2	116.9	116.5	115.5	116.0	117.6	118.3	115.0	
PNL	113.2	114.6	115.0	115.0	115.2	115.0	114.6	114.6	114.5	114.8	115.2	115.8	116.2	116.3	116.5	115.5	116.0	117.6	118.3	115.0	

CONDITION = 7666 ALTITUDE = 150. FT SIDELINE

OSPL		83.2	91.1	94.7	97.2	99.0	100.0	100.6	101.3	101.9	102.2	102.7	103.4	104.0	104.4	102.9	101.2	99.5	98.7	86.4	
PNL		95.5	104.4	106.0	110.8	112.3	113.2	114.0	114.4	114.8	115.1	115.6	115.6	115.4	115.2	113.0	111.8	110.9	107.6	96.7	
PNLT		95.5	104.2	106.0	110.8	112.3	113.2	114.0	114.4	114.8	115.1	115.2	115.6	116.0	115.2	113.0	111.8	110.9	107.6	96.7	

CONDITION = 7666 ALTITUDE = 200. FT SIDELINE

OSPL		80.1	88.2	91.8	94.4	96.2	97.3	98.1	98.6	99.2	99.5	100.1	100.7	101.3	101.8	100.3	98.6	96.6	94.0	83.5	
PNL		91.7	100.9	103.0	107.9	109.4	110.4	111.2	111.5	112.0	112.3	112.7	112.8	112.6	112.4	110.2	109.0	107.9	104.5	93.1	
PNLT		91.7	100.9	103.0	107.9	109.4	110.4	111.2	111.5	112.0	112.3	112.7	112.8	113.2	112.4	110.2	109.0	107.9	104.5	93.1	

Point No. D-10

ENGINE MODEL = -01
ENGINE NUMBER = 744741
STAND = X-306
DATE = 01/24/75

TEMPERATURE = 55.6 F
HUMIDITY = 70.0 PER CT.

OBSERVED RPM = 8156
CORRECTED RPM = 8369

INLET TEMP = 33.00 F
TIME OF DAY = 2212
BARM. PRESSURE = 29.75 IN. HG.
WIND DIRECTION = S
WIND VELOCITY = 3 MPH

1/3 OCTAVE BAND MODEL NOISE DATA 150.0FT RAW CORRECTED SPL - (MODEL)

BAND CENTER FREQ (KHZ)	MICROPHONE ANGLES IN DEGREES 0	10	20	30	40	50	60	70	80	90	100	105	110	115	120	130	140	150	160	170	POWER 1E-12W
.050	74.7	76.1	74.9	79.7	79.9	79.6	78.5	79.1	75.5	78.9	79.0	79.9	81.2	81.9	84.5	86.6	87.4	86.0	87.0	87.4	123.5
.063	81.0	79.9	81.7	81.0	81.2	80.4	79.0	80.5	80.7	80.4	80.2	81.0	84.0	85.0	86.3	89.3	90.0	88.5	87.1	85.8	125.5
.080	81.2	79.6	80.4	79.4	78.6	77.9	78.1	78.1	78.6	77.0	78.0	79.8	80.9	83.5	86.0	88.7	89.8	89.3	87.8	85.8	124.9
.100	79.6	78.0	79.6	77.3	77.8	77.1	76.9	76.5	76.8	77.5	79.0	80.1	81.7	83.3	84.9	88.4	89.5	88.2	87.4	85.1	124.4
.125	80.3	78.9	78.8	77.6	77.2	77.6	77.1	78.6	79.7	80.3	82.9	84.6	85.7	86.9	88.4	89.3	90.0	88.0	87.8	85.6	125.8
.160	79.7	79.6	79.1	79.6	79.0	79.0	79.5	80.4	81.2	82.4	84.6	86.7	88.1	90.1	92.7	95.0	94.1	89.2	88.5	84.6	129.4
.200	82.9	83.3	83.2	82.1	82.1	82.3	82.4	82.3	83.4	83.9	85.6	87.5	89.9	91.7	94.2	97.7	96.5	92.7	91.5	85.7	131.7
.250	85.3	85.6	85.1	85.2	84.6	84.9	85.0	86.6	86.4	86.4	87.7	89.3	90.6	93.2	95.1	96.9	96.4	93.5	91.7	87.0	132.2
.315	87.2	86.6	85.9	86.6	87.2	86.9	88.7	88.1	88.8	90.0	90.8	92.5	93.5	94.7	96.3	96.8	95.9	95.1	94.0	89.4	133.5
.400	89.3	88.1	89.5	90.0	89.5	91.0	90.8	90.6	90.4	90.9	91.7	92.7	94.6	97.2	98.6	97.0	95.2	94.7	96.0	91.2	134.7
.500	89.1	89.7	90.4	89.7	91.4	91.6	91.3	91.4	91.7	91.6	92.3	93.6	95.2	97.1	98.6	96.4	95.2	96.1	97.2	91.8	135.1
.630	89.3	89.6	91.1	89.8	90.1	90.3	90.2	90.2	90.9	91.7	92.0	93.2	94.8	96.9	98.4	96.2	95.5	97.8	98.6	94.3	135.1
.800	89.4	89.4	90.1	90.0	90.4	89.7	90.8	90.9	91.3	91.8	92.2	93.8	95.2	96.7	97.1	95.2	94.8	96.7	97.1	93.5	134.7
1.00	89.4	91.3	91.6	91.6	91.2	93.1	91.2	92.6	91.9	91.1	92.8	93.7	95.0	96.0	96.6	94.9	95.7	98.2	98.6	94.3	135.2
1.25	88.9	90.8	91.9	91.9	91.6	93.2	91.9	92.7	92.3	92.6	92.8	93.8	94.9	95.8	96.0	94.5	95.1	97.8	97.4	93.8	135.2
1.60	86.8	90.6	91.8	91.6	91.8	91.6	91.5	91.2	91.7	92.2	92.9	94.1	95.3	95.2	95.0	93.6	93.7	96.3	95.7	92.5	134.5
2.00	85.0	91.3	92.5	92.1	92.5	92.0	91.5	91.3	91.8	93.2	93.2	94.3	94.5	94.5	94.3	92.9	93.5	95.5	95.5	92.2	134.5
2.50	89.5	92.0	93.2	93.0	93.1	92.5	92.5	91.9	92.2	92.2	93.2	94.4	94.4	94.5	94.1	92.5	93.1	95.0	95.2	92.2	134.8
3.15	89.1	92.0	93.5	93.7	93.8	93.1	92.8	92.3	92.1	92.1	93.0	94.2	93.8	93.7	93.2	91.6	92.5	94.6	94.8	91.4	134.8
4.00	91.6	93.4	94.1	95.0	94.8	94.1	94.0	92.8	92.8	92.4	92.8	93.6	93.0	92.8	92.4	90.9	91.3	93.1	93.2	90.1	135.3
5.00	86.9	89.7	91.5	92.3	92.9	92.5	93.0	91.9	92.0	91.4	91.8	92.3	91.7	91.6	90.9	89.3	89.7	91.5	91.5	88.6	134.0
6.30	84.7	87.9	89.7	90.6	91.1	91.9	91.7	91.0	90.9	90.9	90.7	90.8	90.3	89.9	89.1	87.3	87.9	89.7	89.7	86.6	133.2
8.00	82.8	85.4	87.6	88.2	89.1	89.3	89.9	89.4	89.2	89.8	89.7	89.4	88.4	87.8	87.6	85.7	86.4	87.7	87.9	84.5	132.4
10.0	79.4	82.2	84.8	85.4	86.5	86.8	88.0	87.6	88.3	89.1	91.1	89.2	87.8	87.0	87.6	85.5	85.7	86.7	86.5	82.7	132.8
12.5	75.5	79.5	82.3	82.0	83.8	83.9	84.9	85.5	86.7	87.5	87.1	87.4	86.4	85.2	84.7	81.7	80.7	81.1	80.3	77.4	132.0
16.0	71.6	74.7	77.8	78.4	79.6	80.4	81.6	81.9	84.3	84.9	84.6	84.6	83.4	83.3	82.4	78.7	77.6	77.3	75.6	72.8	131.5
20.0	68.6	70.9	74.3	75.0	75.8	76.8	78.7	78.8	81.8	83.6	82.5	82.0	80.0	80.6	80.1	76.3	75.1	73.6	73.6	71.5	133.2
																			DAPWL =		147.4
TSPL	100.9	102.4	103.5	103.6	103.8	103.9	103.8	103.6	103.8	103.9	104.6	105.6	106.3	107.3	108.1	107.5	107.2	107.9	107.9	104.2	
OSPL	102.9	102.4	103.5	103.6	103.8	103.9	103.7	103.5	103.6	103.7	104.5	105.5	106.2	107.3	108.1	107.5	107.2	107.9	107.9	104.2	
PNLT	115.5	116.6	117.0	117.4	117.5	117.2	117.2	116.6	116.7	116.6	117.3	118.3	118.5	118.9	119.1	118.0	118.3	119.6	119.7	116.2	
PNL	114.3	116.0	117.0	117.4	117.5	117.2	117.2	116.6	116.7	116.6	117.3	118.3	118.5	118.9	119.1	118.0	118.3	119.6	119.7	116.2	

CONDITION = 8156 ALTITUDE = 150. FT SIDELINE

OSPL		84.9	93.0	96.9	99.5	101.3	102.3	102.9	103.4	103.7	104.3	105.2	105.7	106.4	106.8	105.1	103.2	101.5	97.9	87.5	
PNL		96.8	105.9	110.4	113.1	114.6	115.8	116.0	116.5	116.6	117.2	118.0	117.9	118.0	117.7	115.5	114.1	112.8	109.0	97.9	
PNLT		96.8	105.9	110.4	113.1	114.6	115.8	116.0	116.5	116.6	117.2	118.0	117.9	118.0	117.7	115.5	114.1	112.9	109.0	97.9	

CONDITION = 8156 ALTITUDE = 200. FT SIDELINE

OSPL		81.6	90.0	94.0	96.7	98.5	99.5	100.1	100.7	101.0	101.6	102.5	103.0	103.7	104.2	102.5	100.5	98.8	95.2	84.6	
PNL		93.1	102.7	107.3	110.1	111.7	112.9	113.1	113.7	113.8	114.4	115.2	115.2	115.2	114.9	112.7	111.2	109.4	105.8	94.3	
PNLT		93.1	102.7	107.3	110.1	111.7	112.9	113.1	113.7	113.8	114.4	115.2	115.2	115.2	114.9	112.7	111.2	109.4	105.8	94.3	

PNL & PNLT DIRECTIVITY PLOTS AND 1/3-OCTAVE SPECTRA, 200 FOOT SIDELINE AT PEAK INLET AND AFT ANGLES

NOTE: 1) Operating conditions can be determined from "Point No." identification from tables of "Overall Performance Data For Acoustic Test Conditions" on pages 4 to 7.

2) Configurations are identified on page 3.

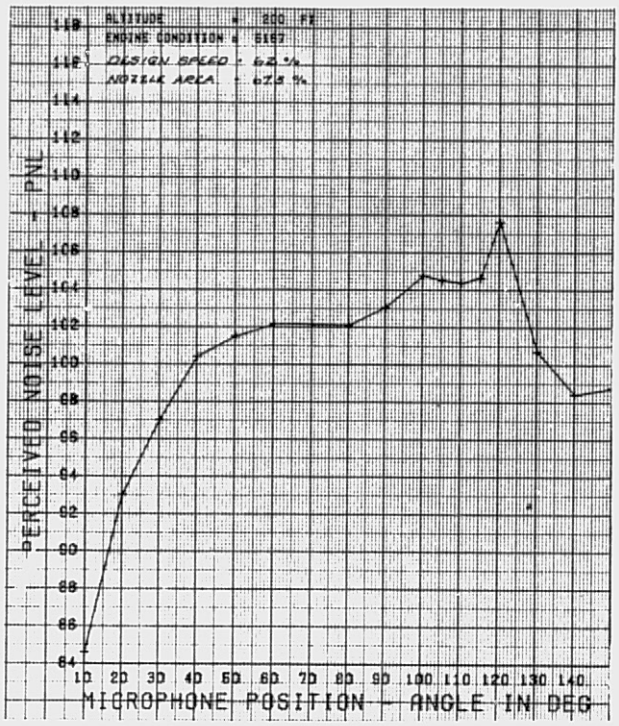
3) Relationship of 1/3-octave band number to center frequency is provided on page 8.

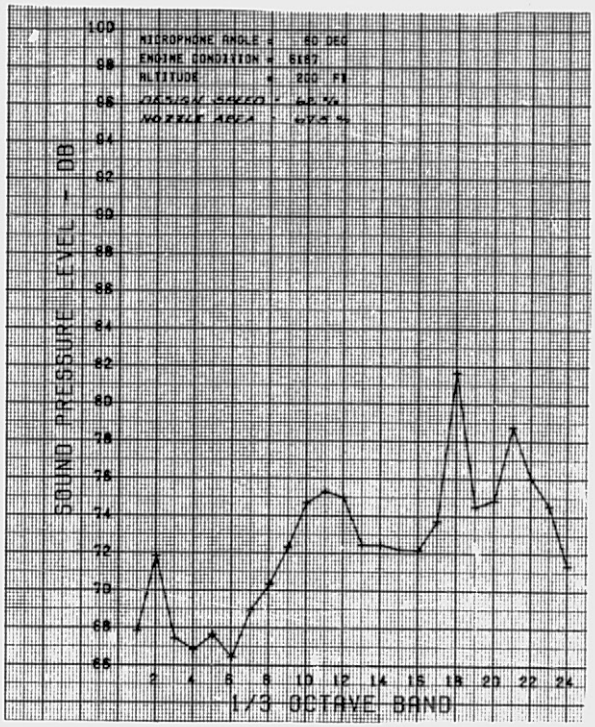
4) "ALTITUDE" refers to extrapolated sideline distance from fan.

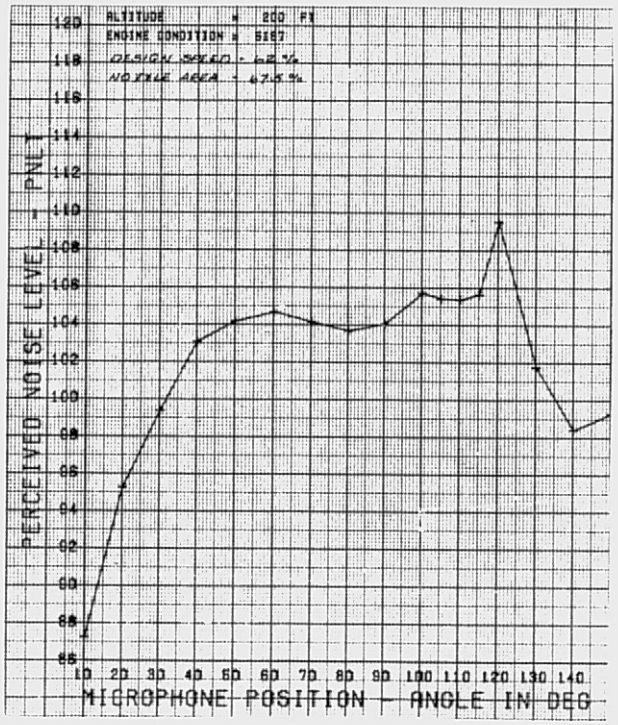
5) "CONDITION" refers to corrected RPM.

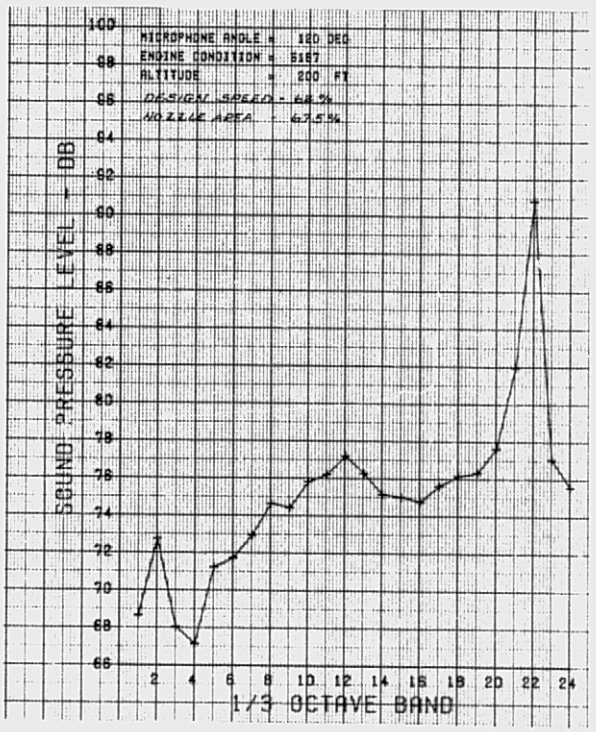
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Point No. A-1



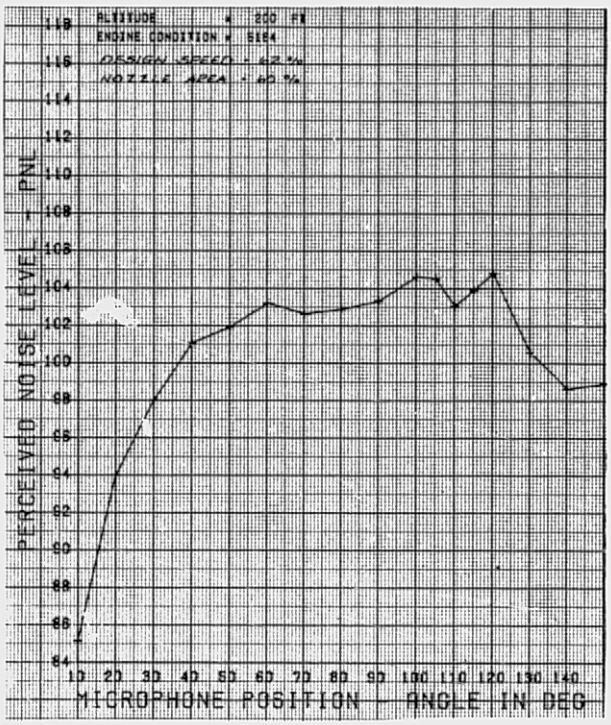


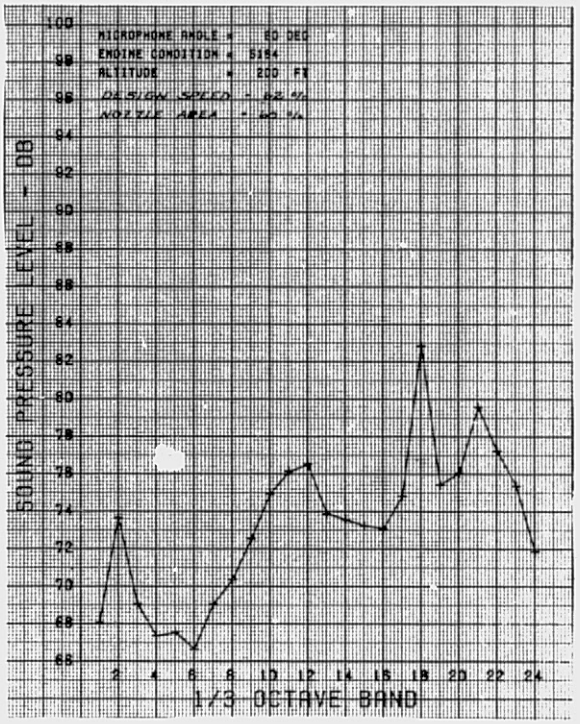


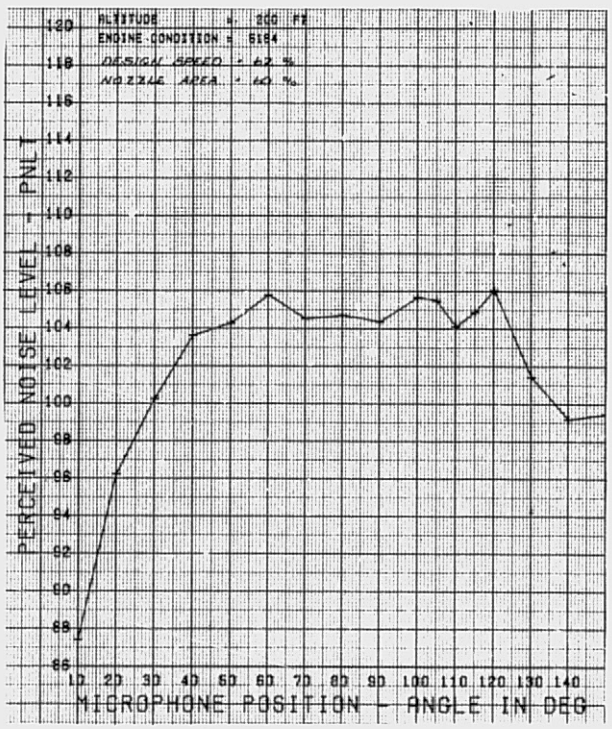


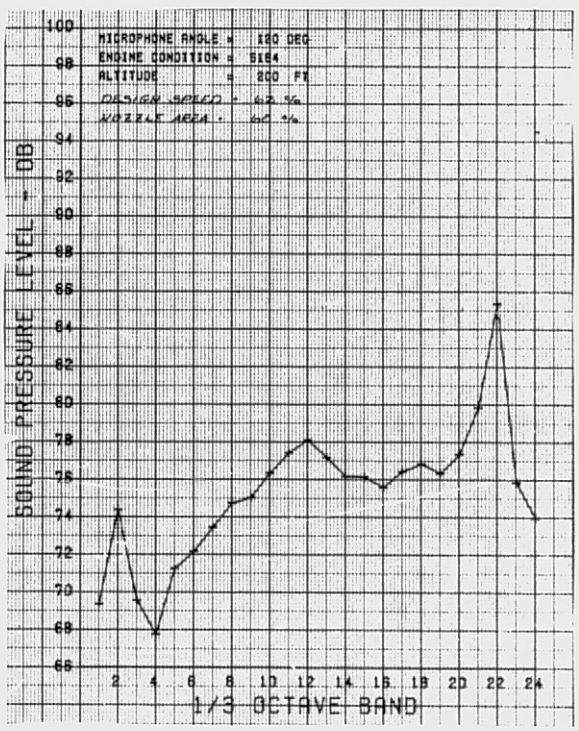
REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. A-2

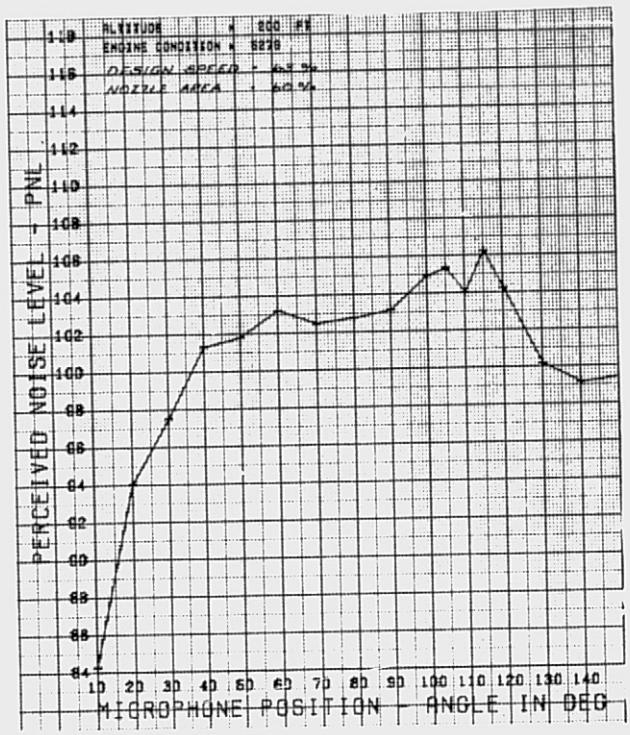

ALTITUDE = 200 FT
ENGINE CONDITION = SLS4
DESIGN SPEED = 62 %
NOZZLE AREA = 60 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

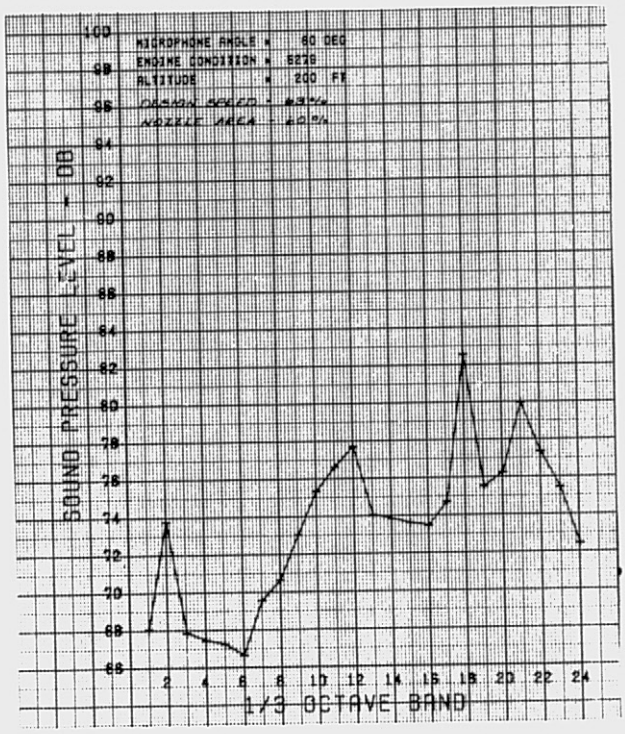

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = SLS4
ALTITUDE = 200 FT
DESIGN SPEED = 62 %
NOZZLE AREA = 60 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

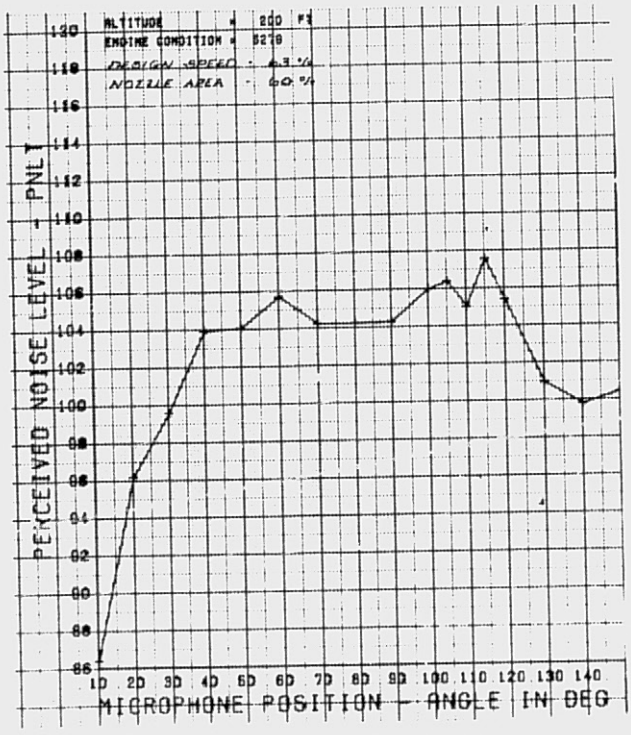

ALTITUDE = 200 FT
ENGINE CONDITION = SLS4
DESIGN SPEED = 62 %
NOZZLE AREA = 60 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

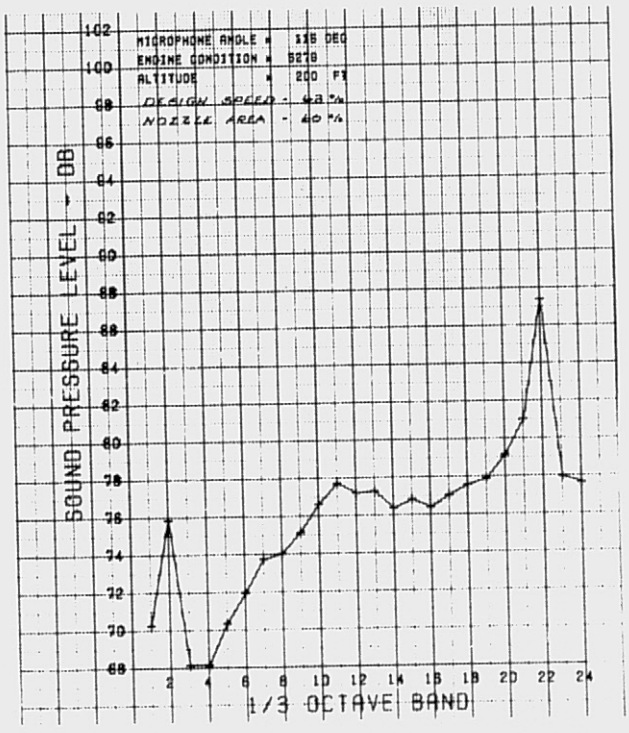

MICROPHONE ANGLE = 120 DEG
ENGINE CONDITION = SLS4
ALTITUDE = 200 FT
DESIGN SPEED = 62 %
NOZZLE AREA = 60 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-3



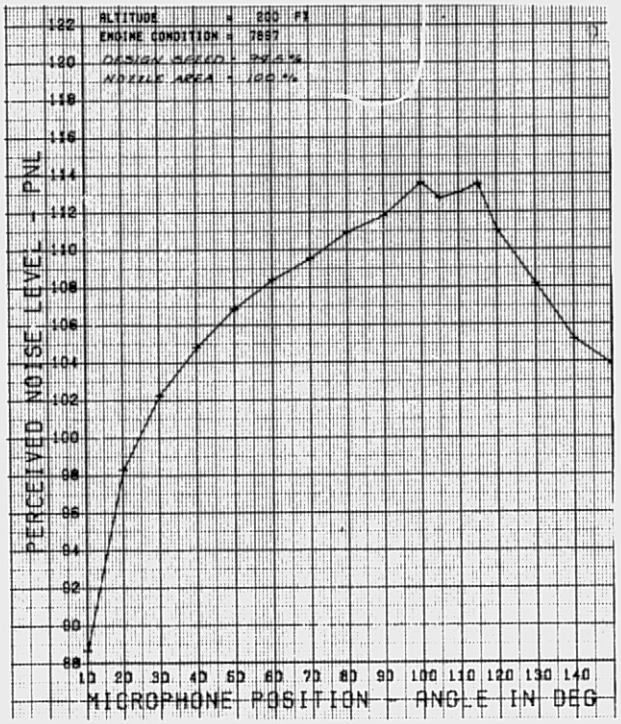


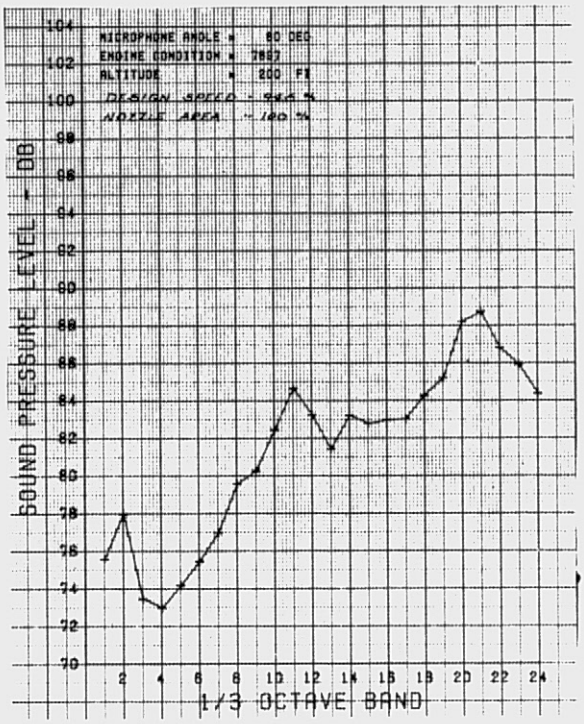


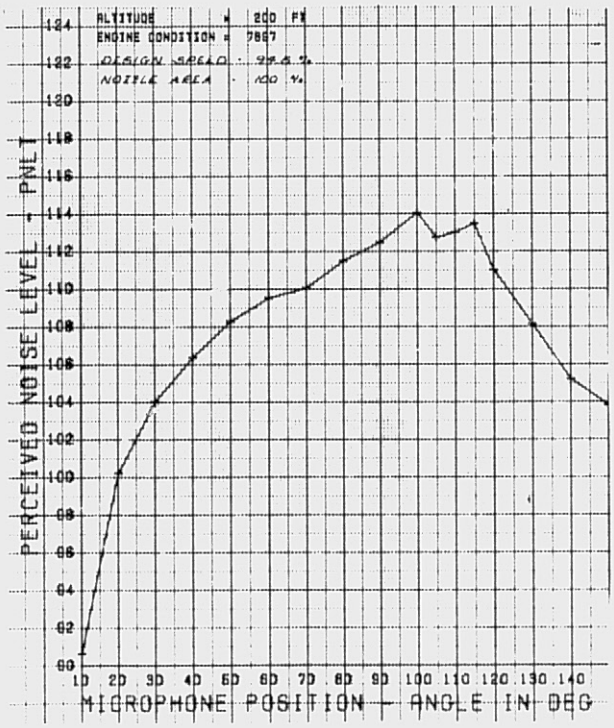


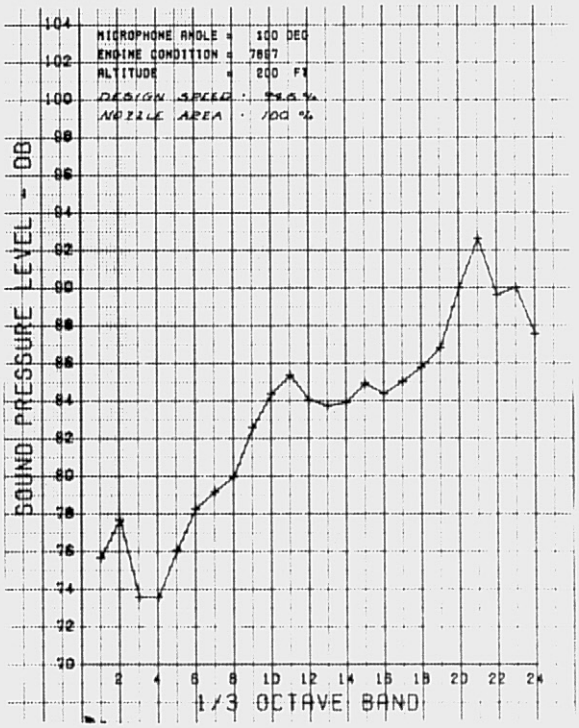
REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. A-4

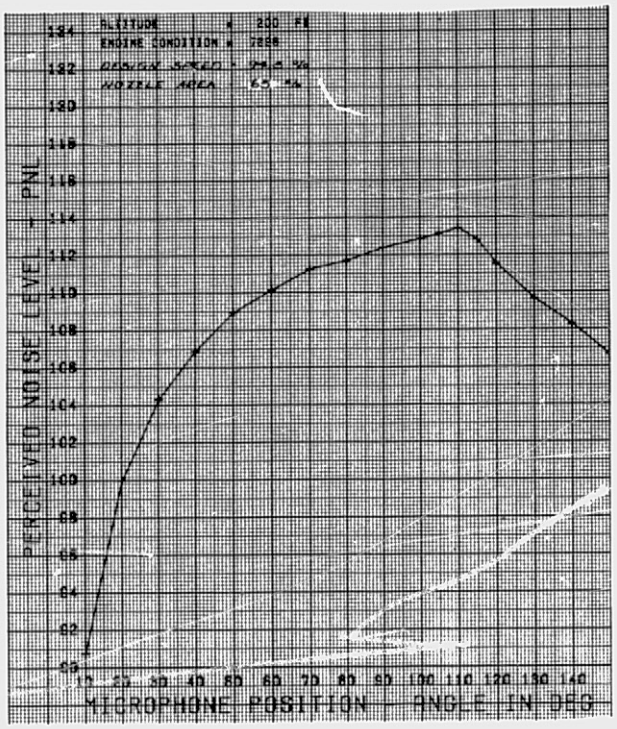

ALTITUDE = 200 FT
ENGINE CONDITION = 7867
DESIGN SPEED = 94.6 %
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

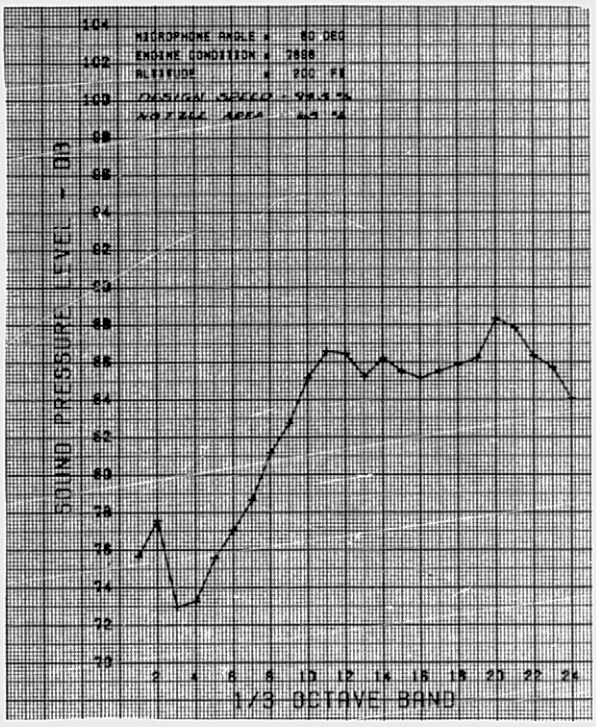

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 7867
ALTITUDE = 200 FT
DESIGN SPEED = 94.6 %
NOZZLE AREA = 100 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

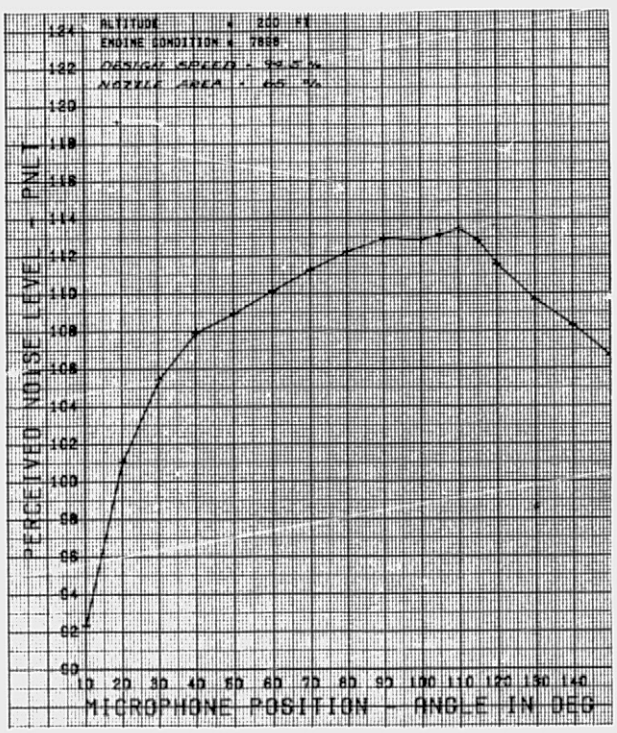

ALTITUDE = 200 FT
ENGINE CONDITION = 7867
DESIGN SPEED = 94.6 %
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

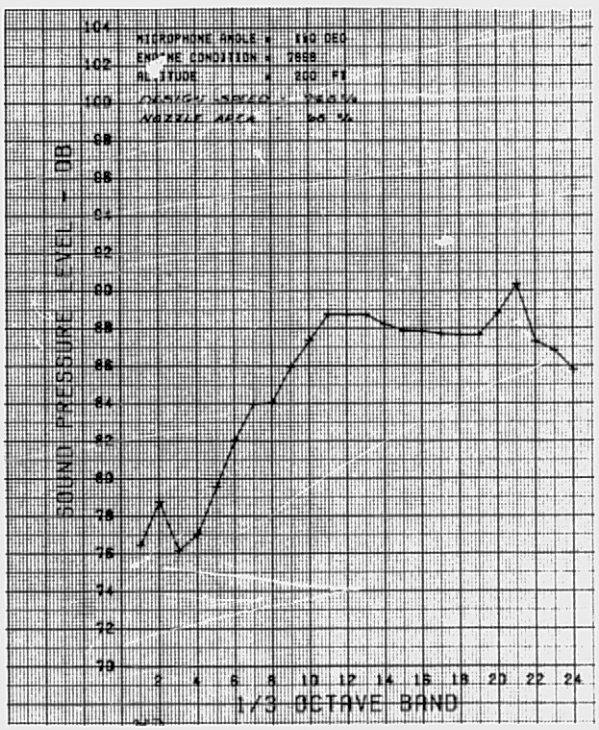

MICROPHONE ANGLE = 100 DEG
ENGINE CONDITION = 7867
ALTITUDE = 200 FT
DESIGN SPEED = 94.6 %
NOZZLE AREA = 100 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-5

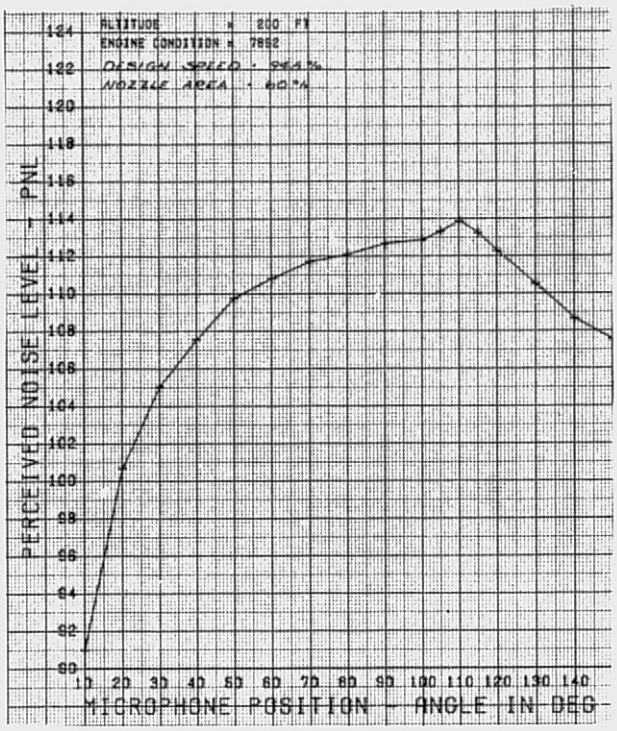

ALTITUDE = 200 FT
ENGINE CONDITION = 7868
DESIGN SPEED - 94.5 %
NOZZLE AREA - 65 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

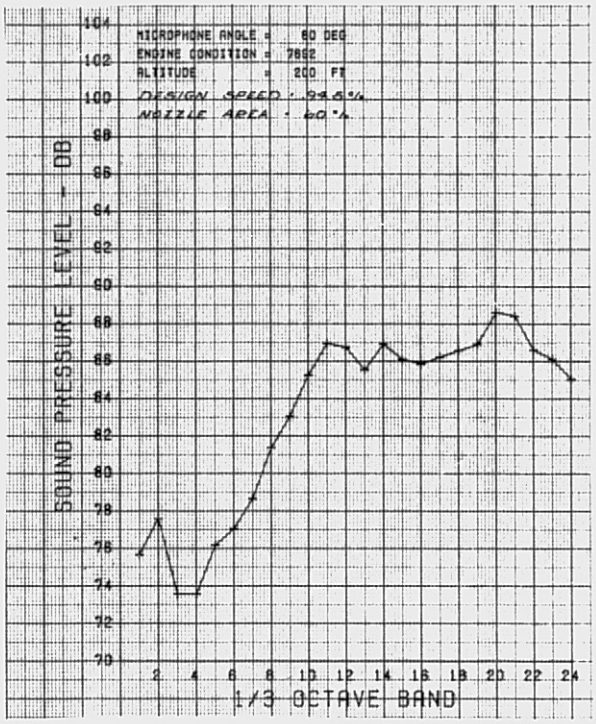

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 7868
ALTITUDE = 200 FT
DESIGN SPEED - 94.5 %
NOZZLE AREA = 65 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

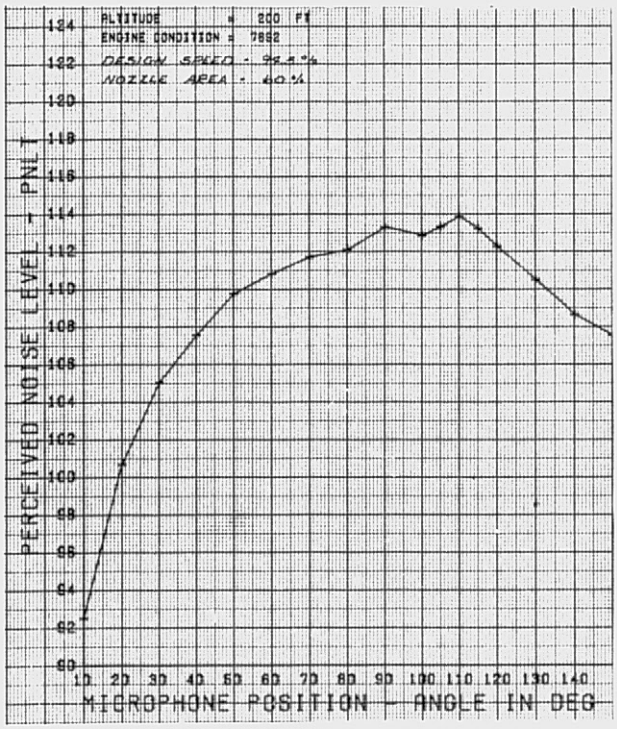

ALTITUDE = 200 FT
ENGINE CONDITION = 7868
DESIGN SPEED - 94.5 %
NOZZLE AREA - 65 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

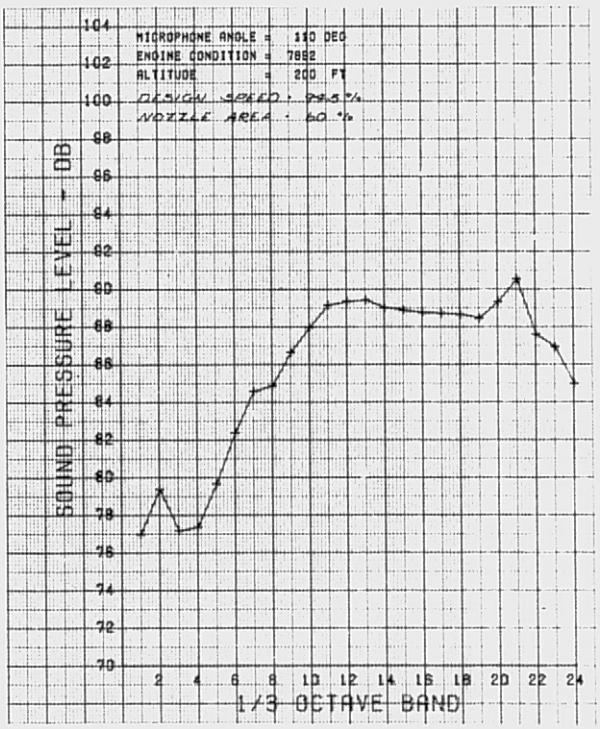

MICROPHONE ANGLE = 120 DEG
ENGINE CONDITION = 7868
ALTITUDE = 200 FT
DESIGN SPEED - 94.5 %
NOZZLE AREA = 65 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-6

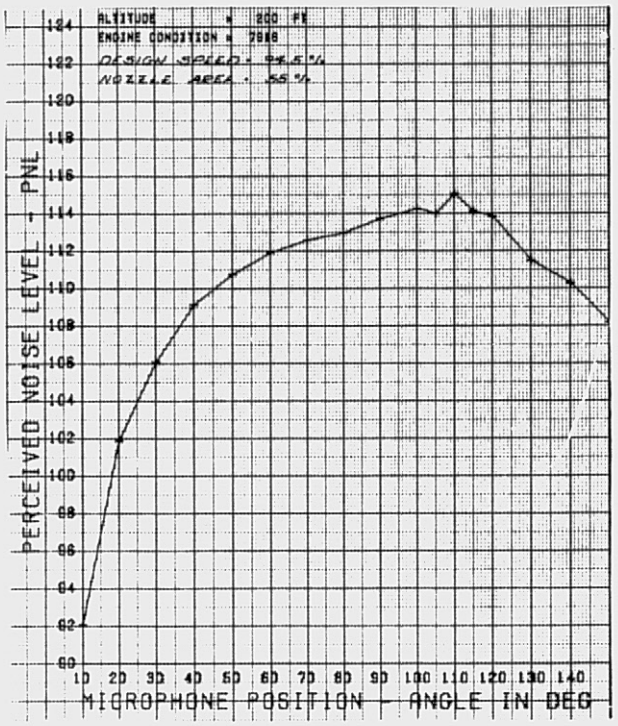

ALTITUDE = 200 FT
ENGINE CONDITION = 7892
DESIGN SPEED - 94.5 %
NOZZLE AREA - 60 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

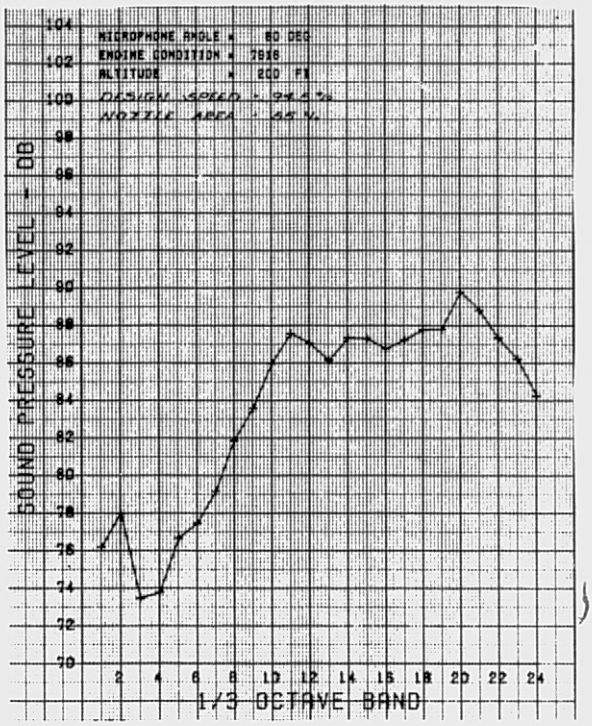

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 7892
ALTITUDE = 200 FT
DESIGN SPEED - 94.5 %
NOZZLE AREA - 60 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

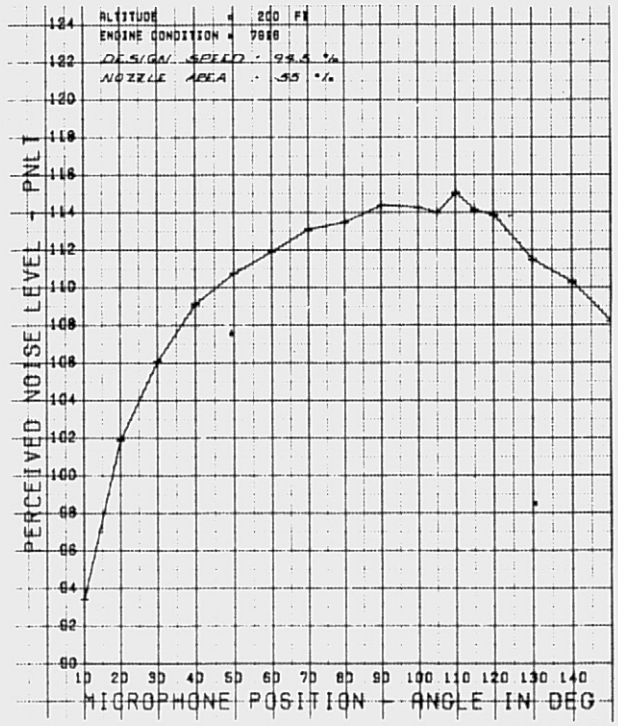

ALTITUDE = 200 FT
ENGINE CONDITION = 7892
DESIGN SPEED - 94.5 %
NOZZLE AREA - 60 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

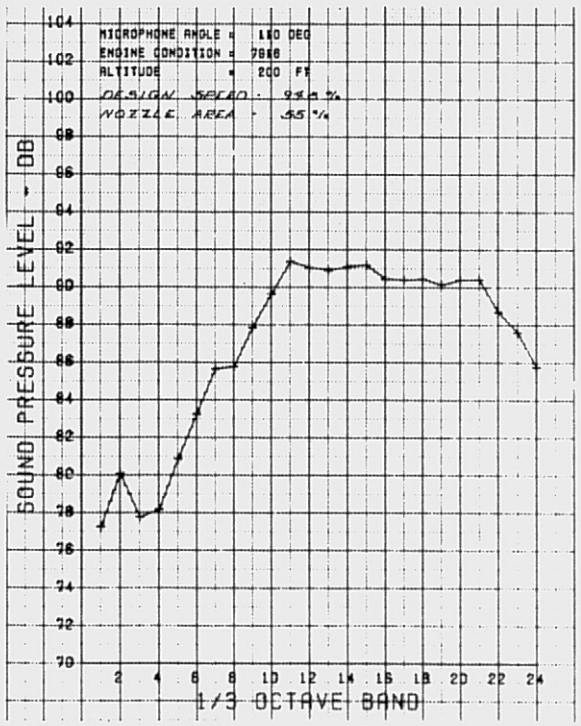

MICROPHONE ANGLE = 110 DEG
ENGINE CONDITION = 7892
ALTITUDE = 200 FT
DESIGN SPEED - 94.5 %
NOZZLE AREA - 60 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-7



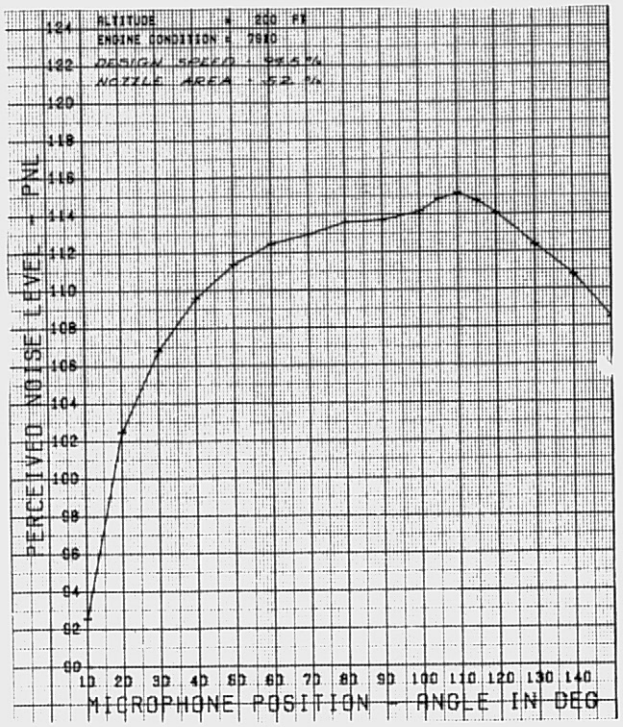


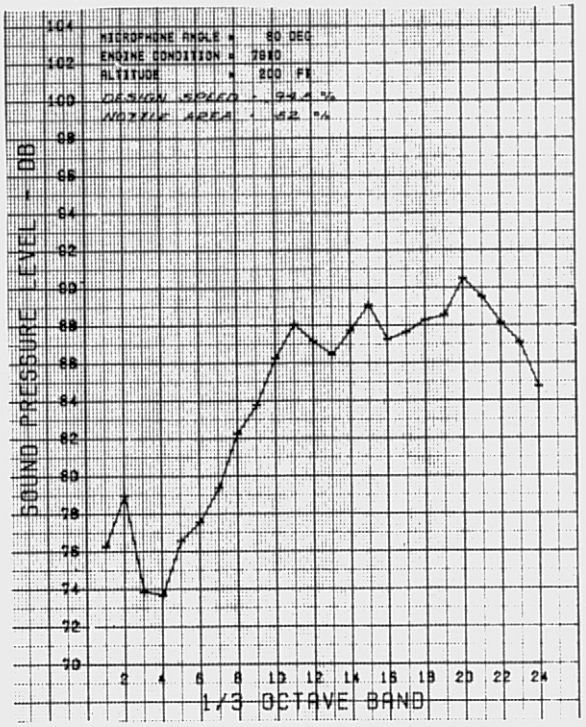


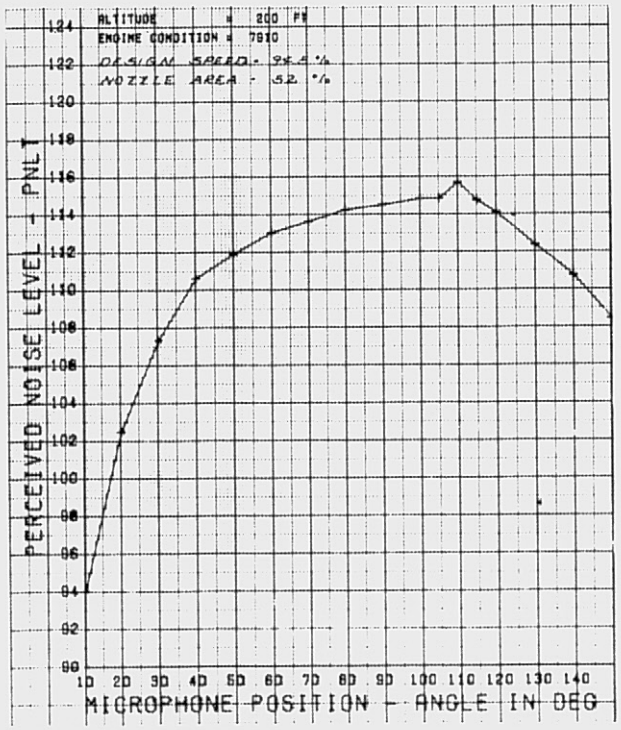


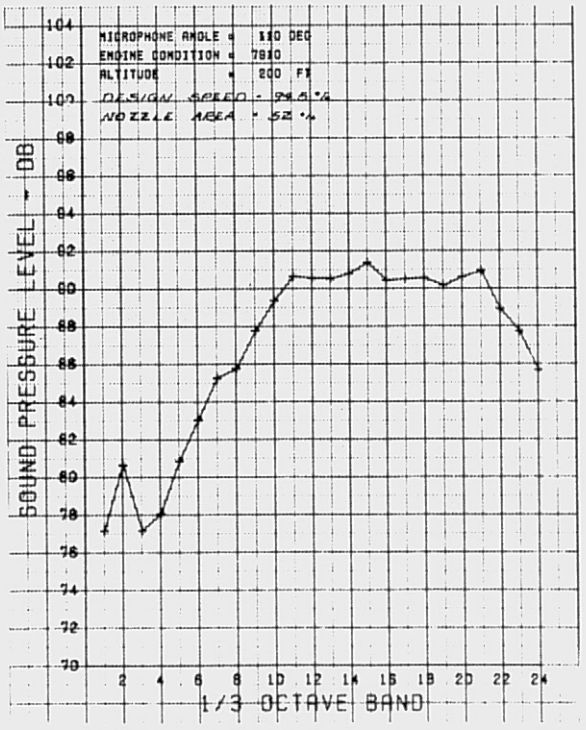
REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. A-8

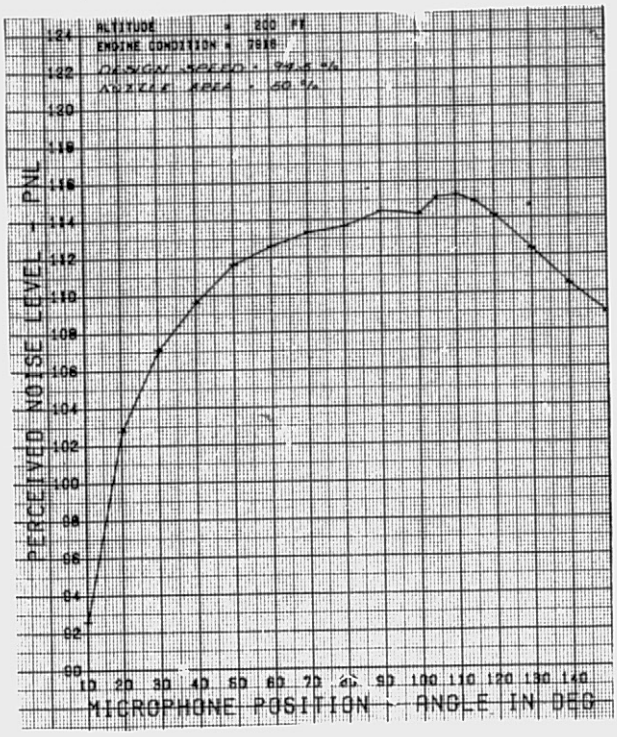

ALTITUDE = 200 FT
ENGINE CONDITION = 7810
DESIGN SPEED - 94.4 %
NOZZLE AREA - 52 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

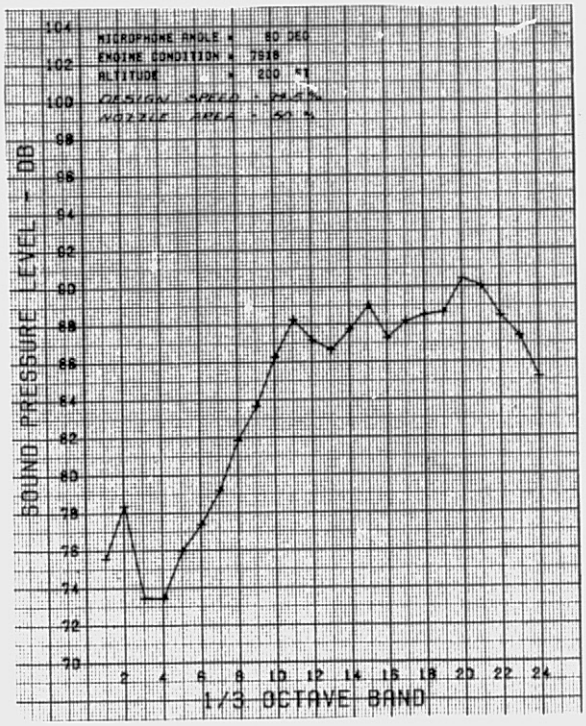

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 7810
ALTITUDE = 200 FT
DESIGN SPEED - 94.4 %
NOZZLE AREA - 52 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

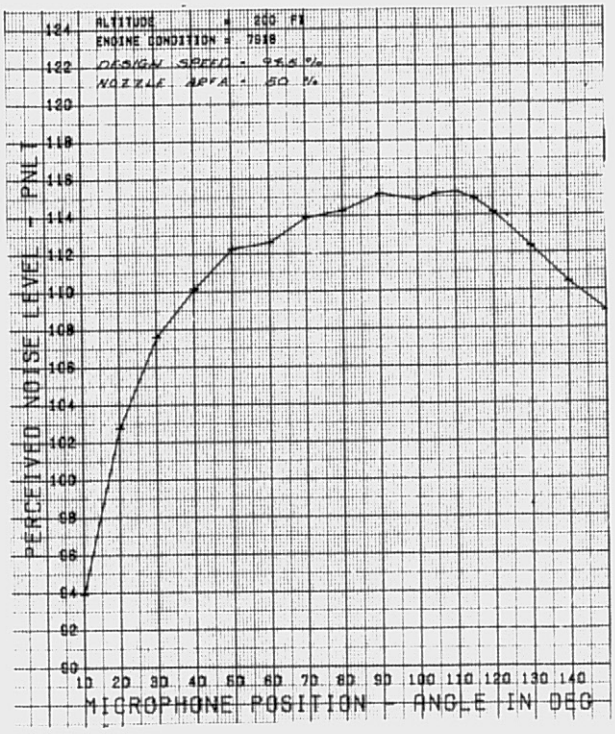

ALTITUDE = 200 FT
ENGINE CONDITION = 7810
DESIGN SPEED - 94.4 %
NOZZLE AREA - 52 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

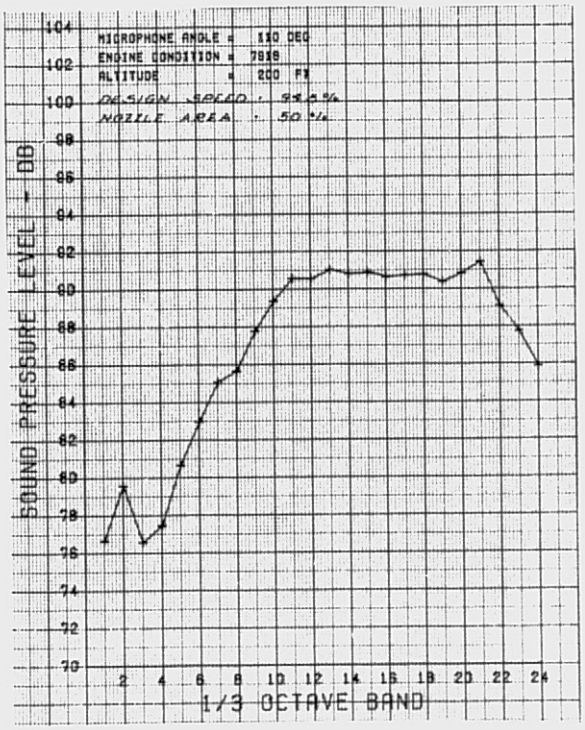

MICROPHONE ANGLE = 110 DEG
ENGINE CONDITION = 7810
ALTITUDE = 200 FT
DESIGN SPEED - 94.4 %
NOZZLE AREA - 52 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-9

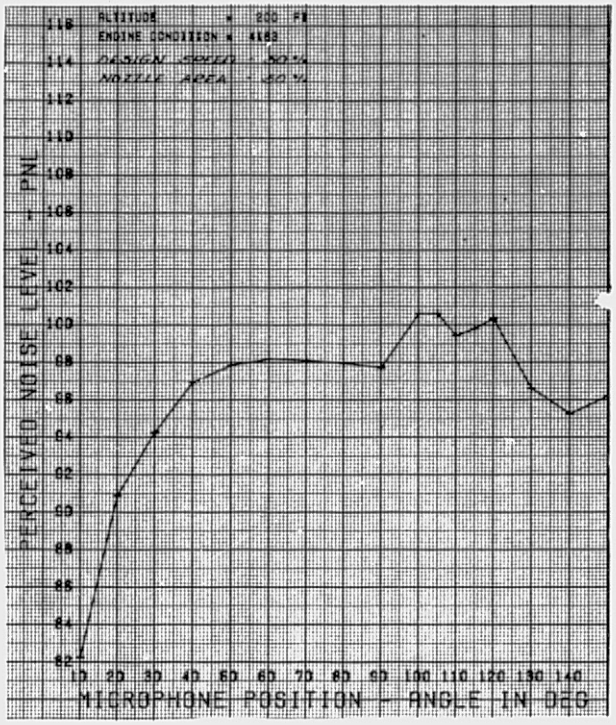

ALTITUDE = 200 FT
ENGINE CONDITION = 7918
DESIGN SPEED = 94.5 %
NOZZLE AREA = 50 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

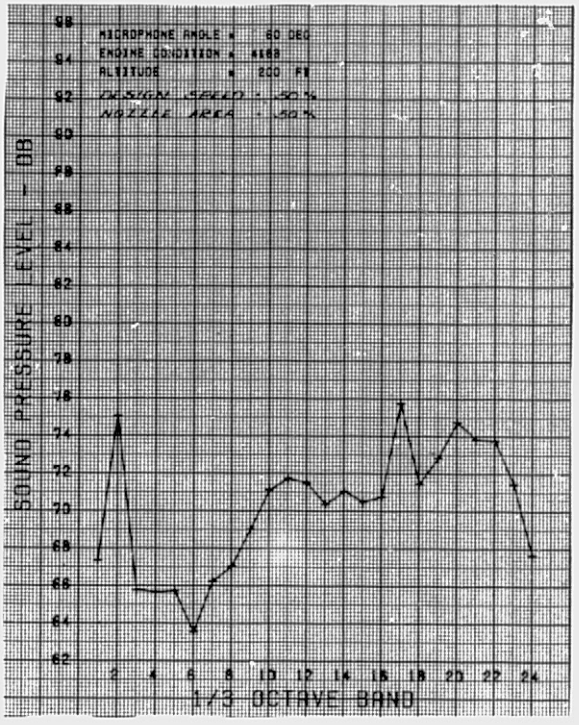

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 7918
ALTITUDE = 200 FT
DESIGN SPEED = 94.5 %
NOZZLE AREA = 50 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

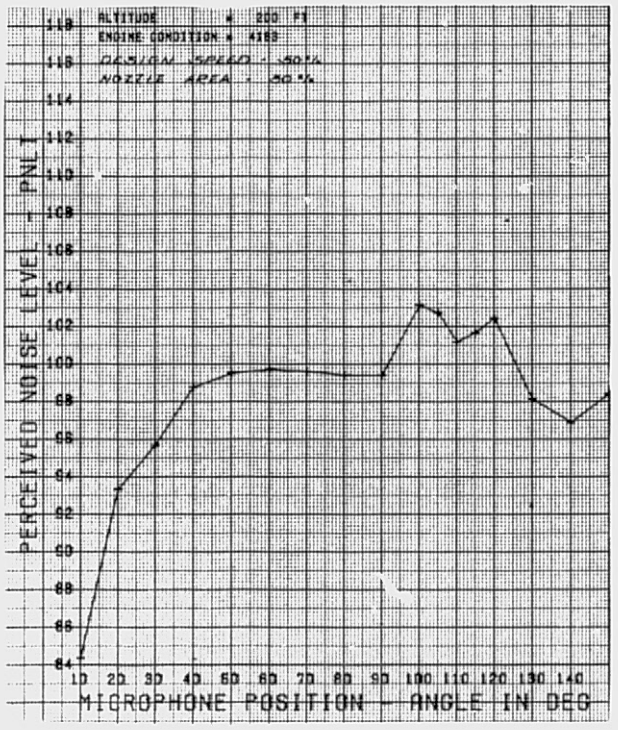

ALTITUDE = 200 FT
ENGINE CONDITION = 7918
DESIGN SPEED = 94.5 %
NOZZLE AREA = 50 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

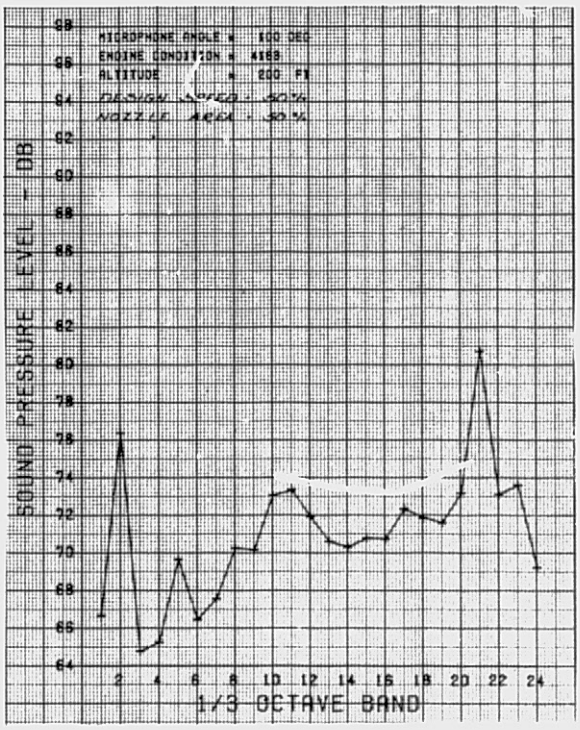

MICROPHONE ANGLE = 110 DEG
ENGINE CONDITION = 7918
ALTITUDE = 200 FT
DESIGN SPEED = 94.5 %
NOZZLE AREA = 50 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-10

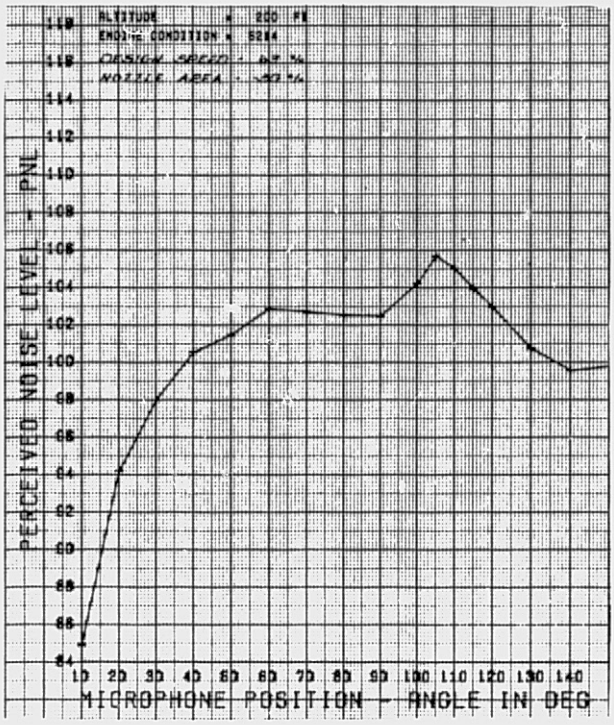

ALTITUDE = 200 FT
ENGINE CONDITION = 4169
DESIGN SPEED - 50%
NOZZLE AREA - 50%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

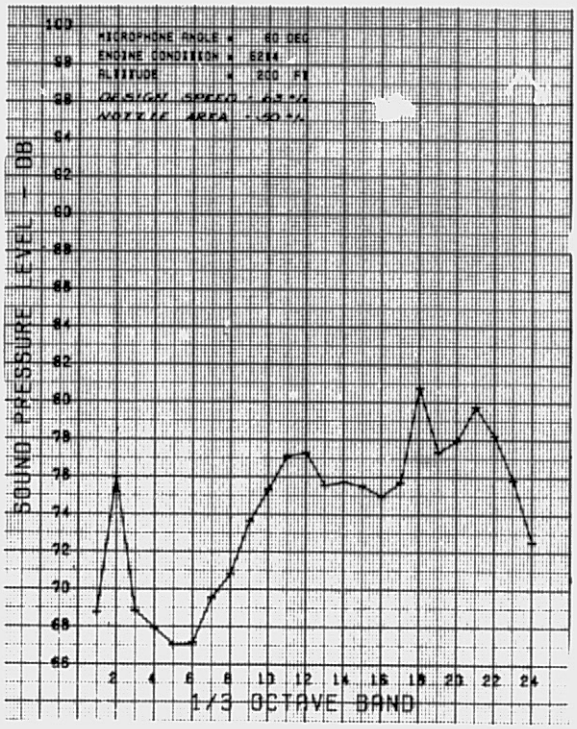

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 4169
ALTITUDE = 200 FT
DESIGN SPEED - 50%
NOZZLE AREA - 50%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

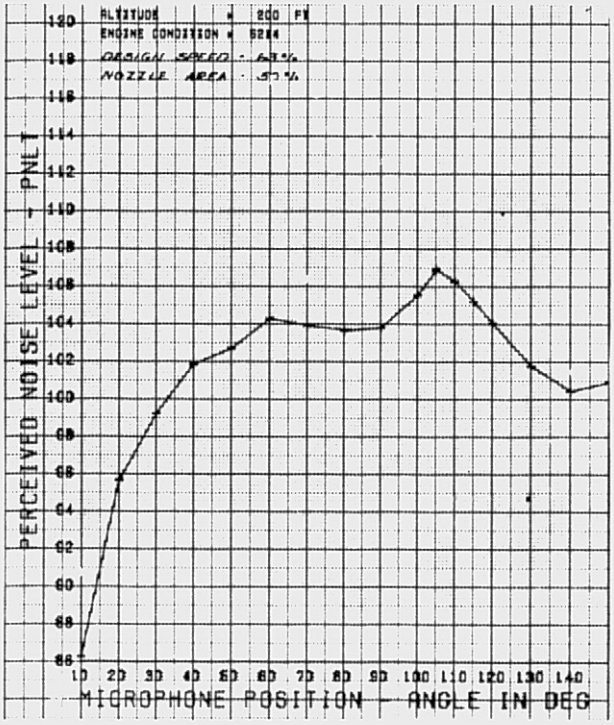

ALTITUDE = 200 FT
ENGINE CONDITION = 4169
DESIGN SPEED - 50%
NOZZLE AREA - 50%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

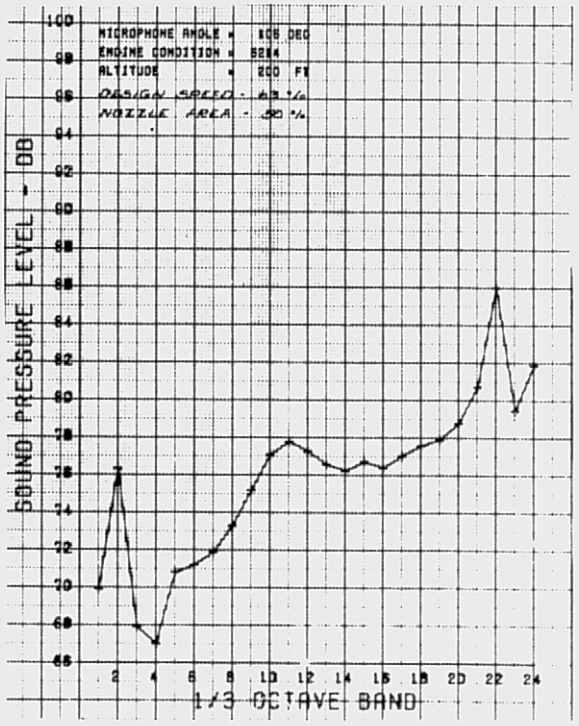

MICROPHONE ANGLE = 100 DEG
ENGINE CONDITION = 4169
ALTITUDE = 200 FT
DESIGN SPEED - 50%
NOZZLE AREA - 50%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-11

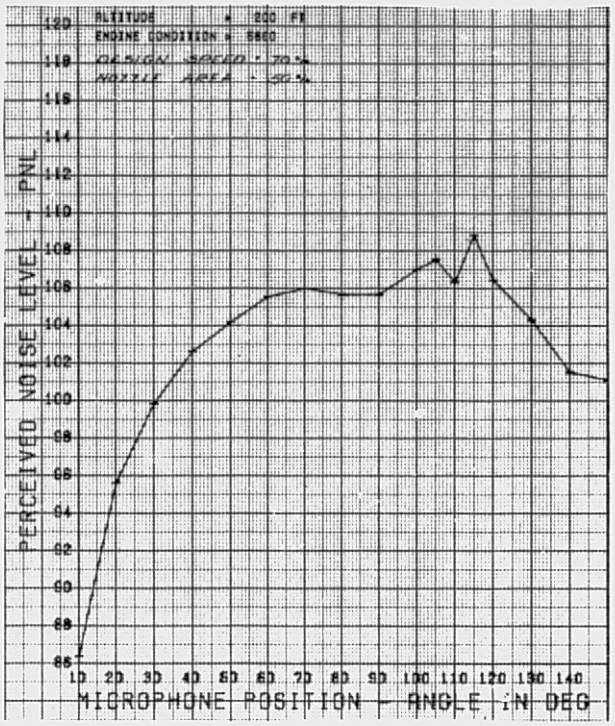

ALTITUDE = 200 FT
ENGINE CONDITION = SEA
DESIGN SPEED - 67 %
NOZZLE AREA - 50 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

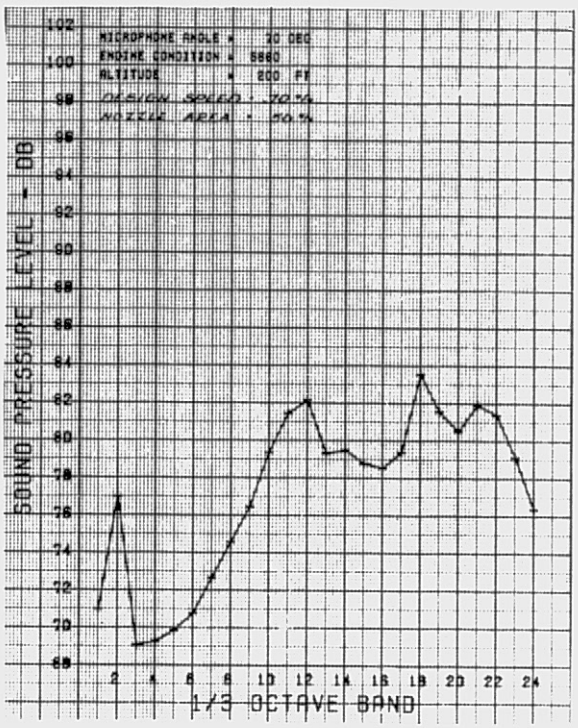

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = SEA
ALTITUDE = 200 FT
DESIGN SPEED - 67 %
NOZZLE AREA - 50 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

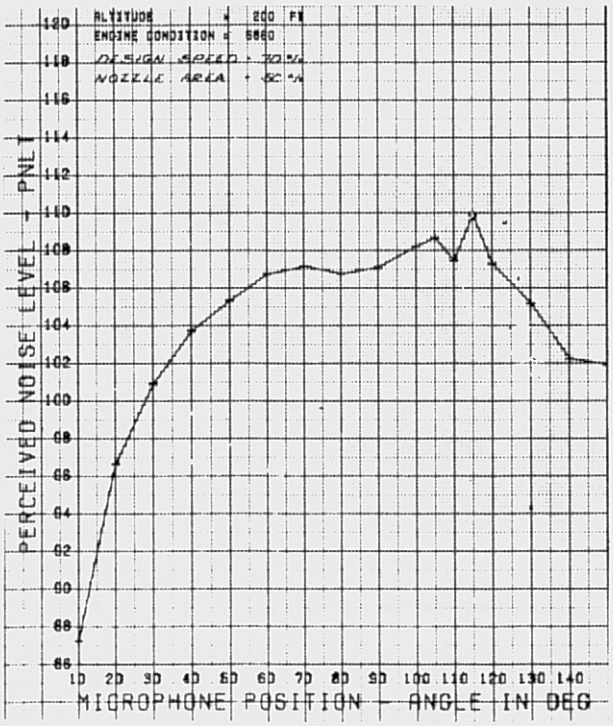

ALTITUDE = 200 FT
ENGINE CONDITION = SEA
DESIGN SPEED - 67 %
NOZZLE AREA - 50 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

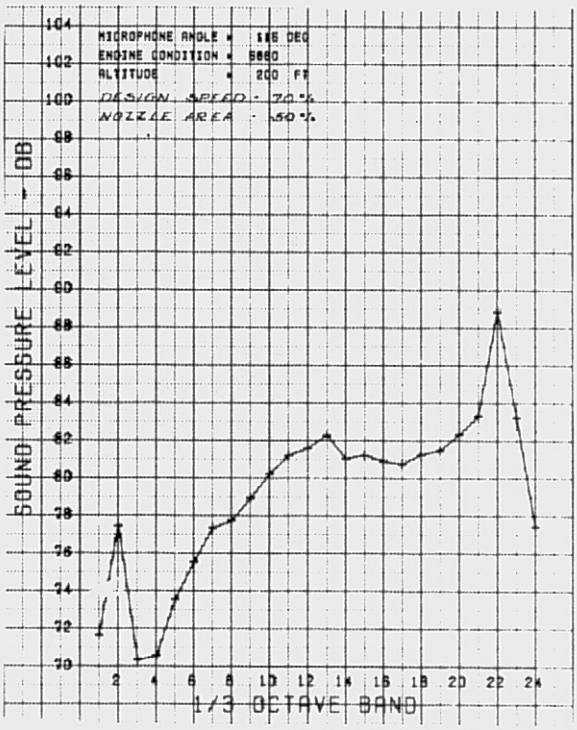

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = SEA
ALTITUDE = 200 FT
DESIGN SPEED - 67 %
NOZZLE AREA - 50 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-12

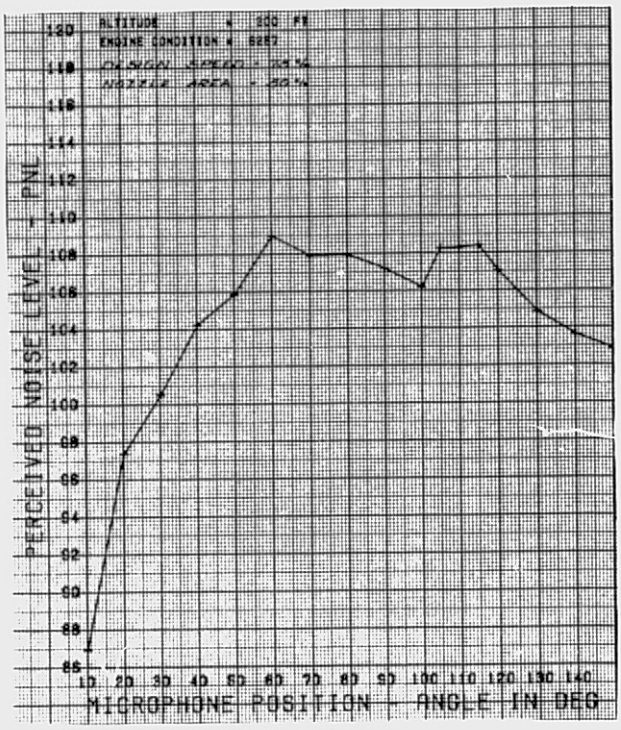

ALTITUDE = 200 FT
ENGINE CONDITION = 5860
DESIGN SPEED - 70 %
NOZZLE AREA - 50 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

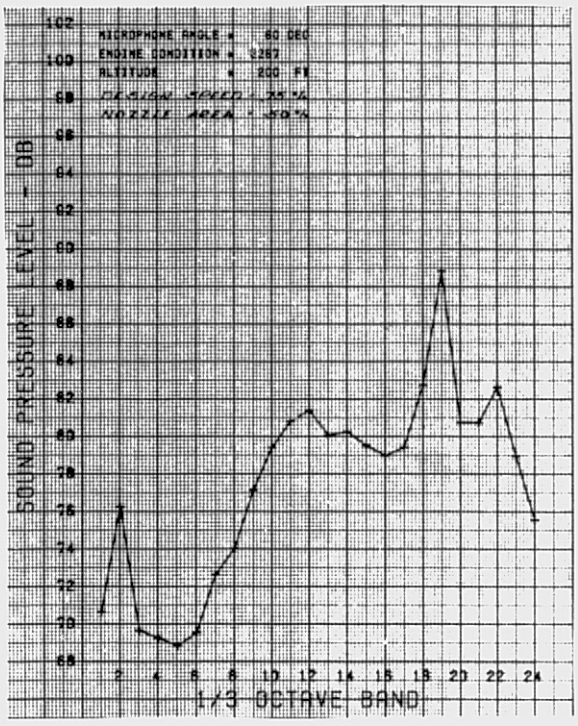

MICROPHONE ANGLE = 20 DEG
ENGINE CONDITION = 5860
ALTITUDE = 200 FT
DESIGN SPEED - 70 %
NOZZLE AREA - 50 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

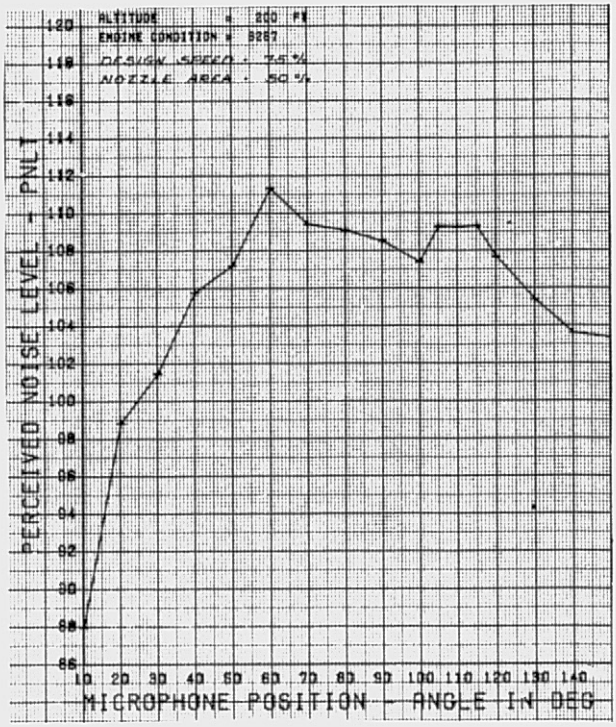

ALTITUDE = 200 FT
ENGINE CONDITION = 5860
DESIGN SPEED - 70 %
NOZZLE AREA - 50 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

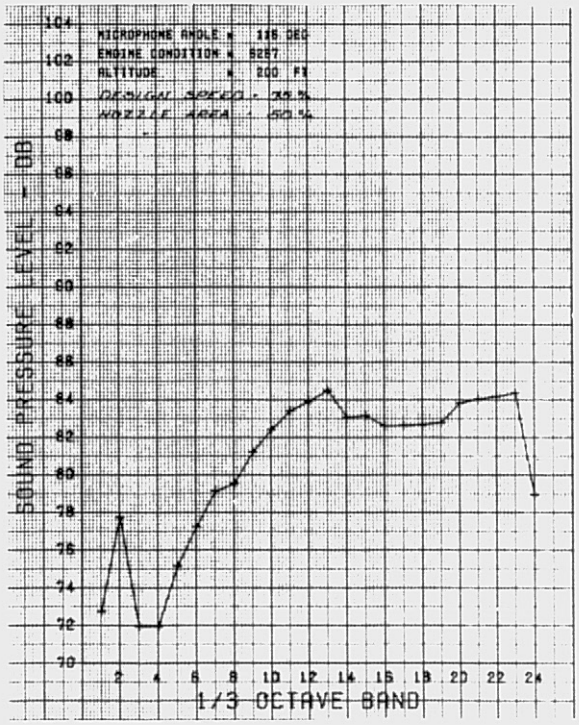

MICROPHONE ANGLE = 145 DEG
ENGINE CONDITION = 5860
ALTITUDE = 200 FT
DESIGN SPEED - 70 %
NOZZLE AREA - 50 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-13

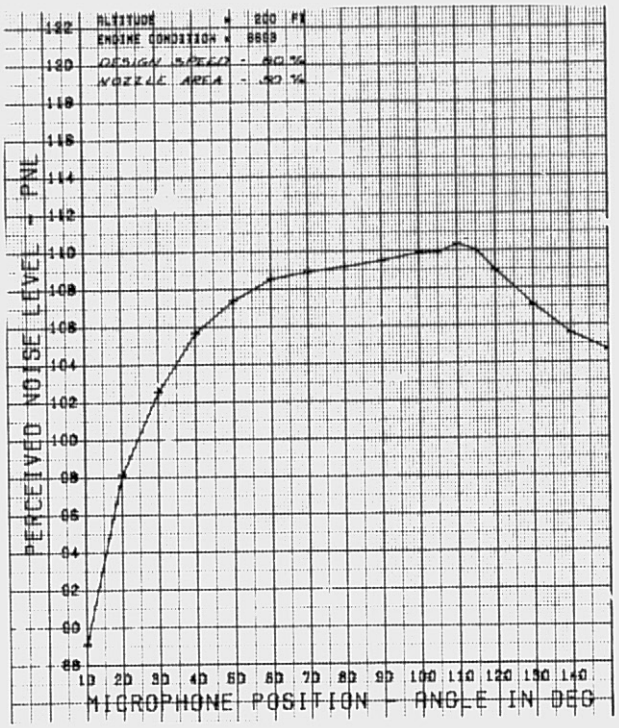

ALTITUDE = 200 FT
ENGINE CONDITION = 8267
DESIGN SPEED - 75 %
NOZZLE AREA - 50 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

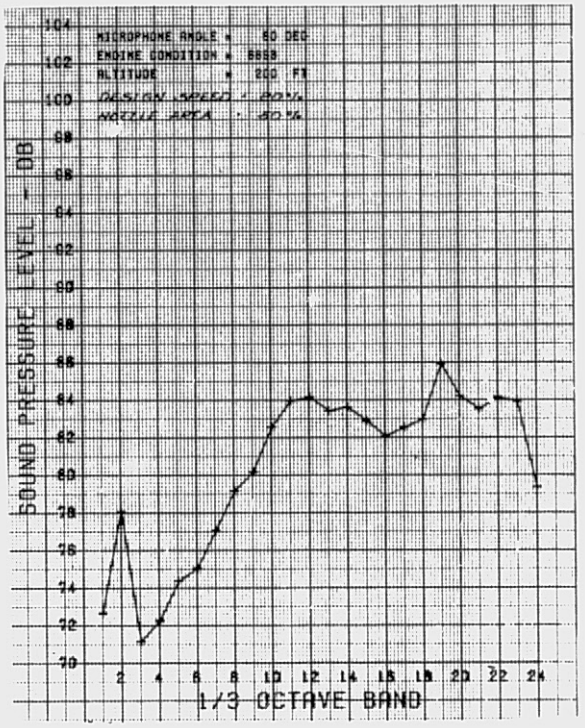

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 8267
ALTITUDE = 200 FT
DESIGN SPEED - 75 %
NOZZLE AREA - 50 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

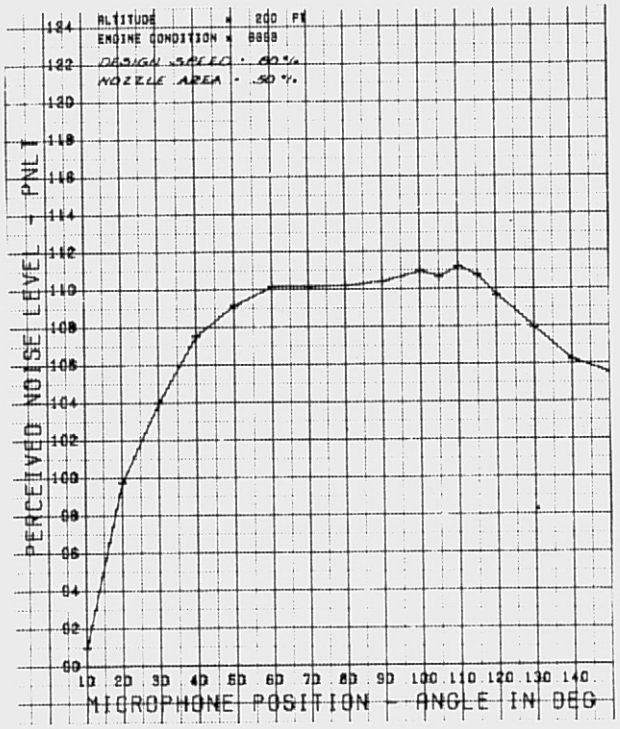

ALTITUDE = 200 FT
ENGINE CONDITION = 8267
DESIGN SPEED - 75 %
NOZZLE AREA - 50 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

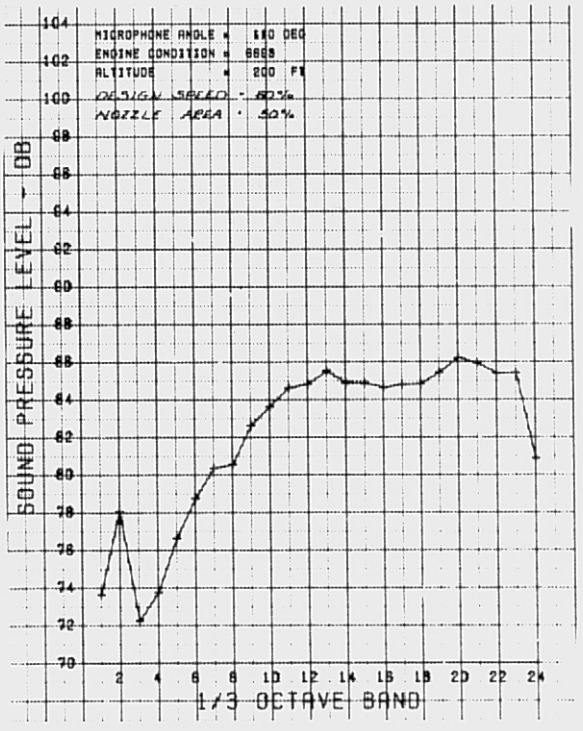

MICROPHONE ANGLE = 116 DEG
ENGINE CONDITION = 8267
ALTITUDE = 200 FT
DESIGN SPEED - 75 %
NOZZLE AREA - 50 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-14

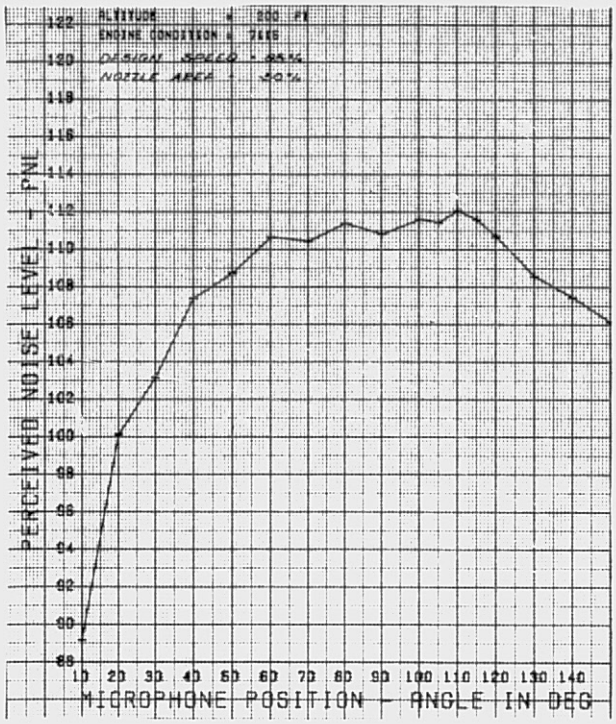

ALTITUDE = 200 FT
ENGINE CONDITION = 8868
DESIGN SPEED - 80%
NOZZLE AREA - 50%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

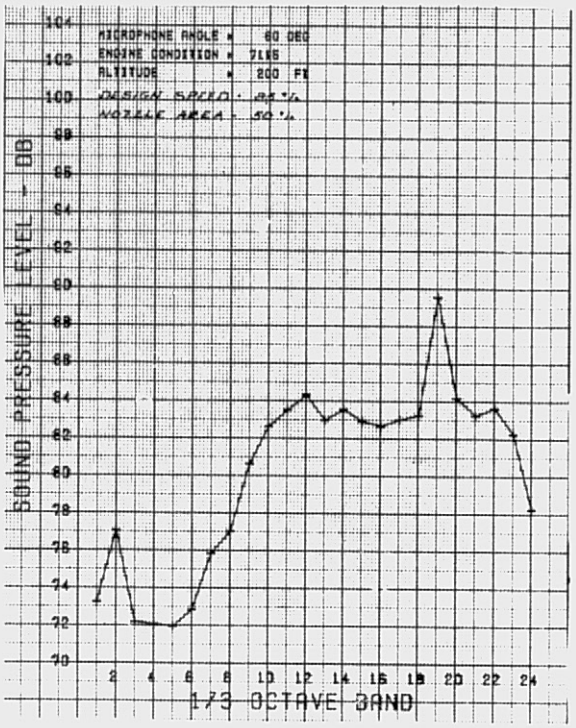

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 8868
ALTITUDE = 200 FT
DESIGN SPEED - 80%
NOZZLE AREA - 50%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

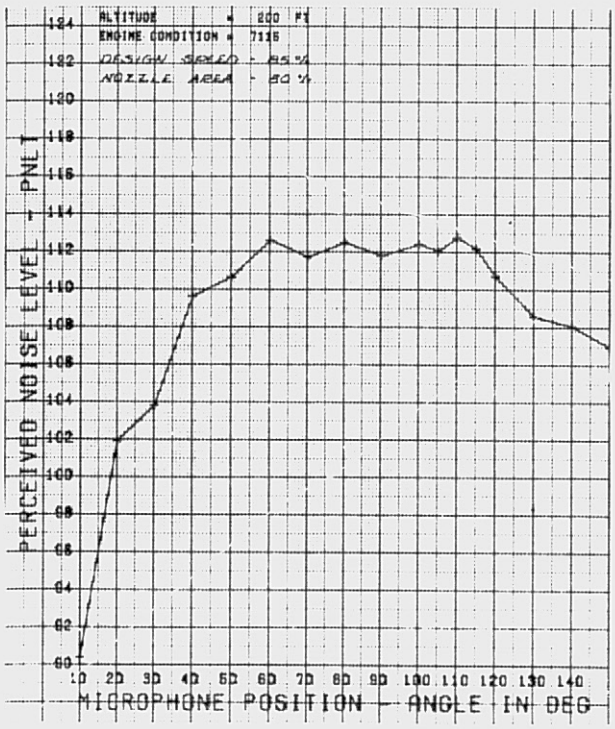

ALTITUDE = 200 FT
ENGINE CONDITION = 8868
DESIGN SPEED - 80%
NOZZLE AREA - 50%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

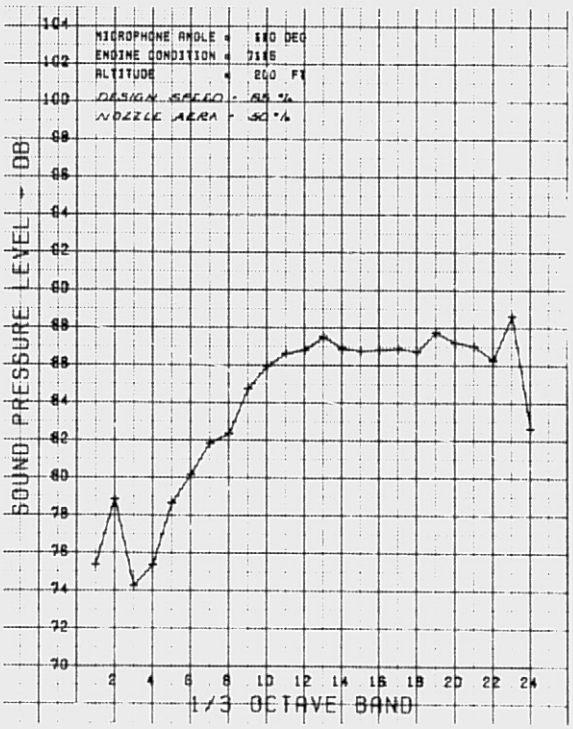

MICROPHONE ANGLE = 160 DEG
ENGINE CONDITION = 8868
ALTITUDE = 200 FT
DESIGN SPEED - 80%
NOZZLE AREA - 50%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-15



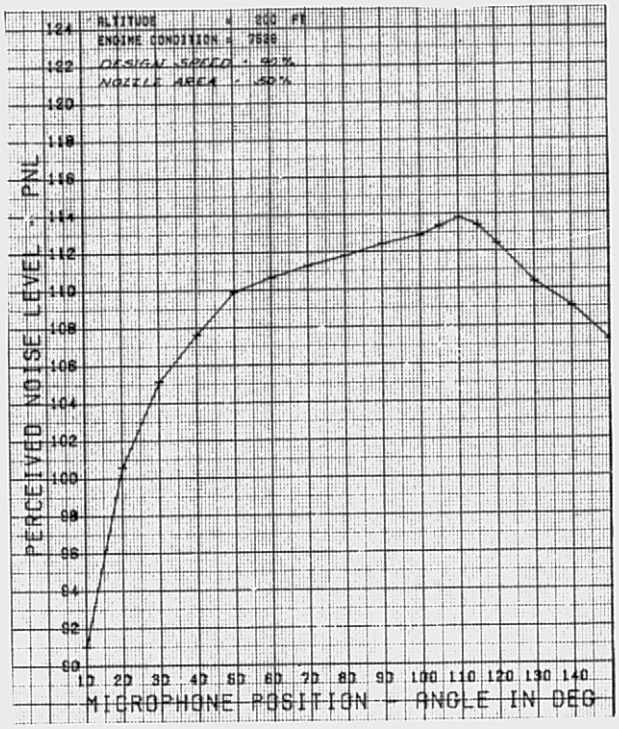


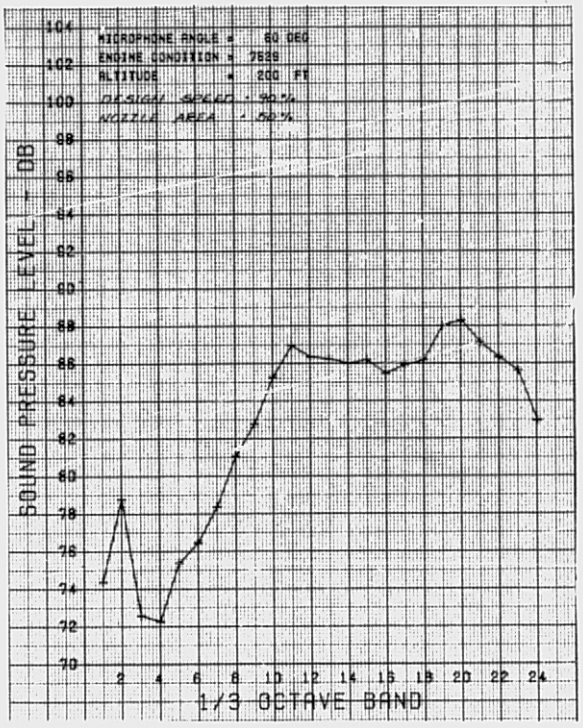


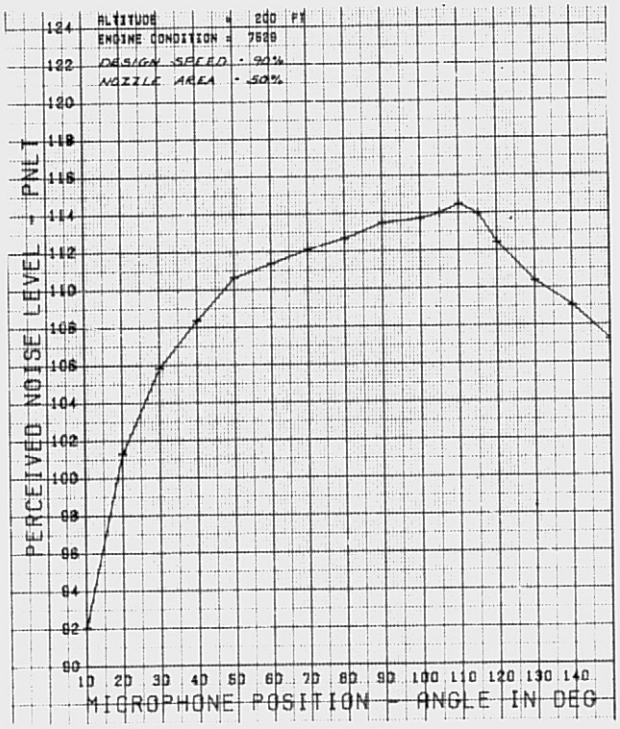


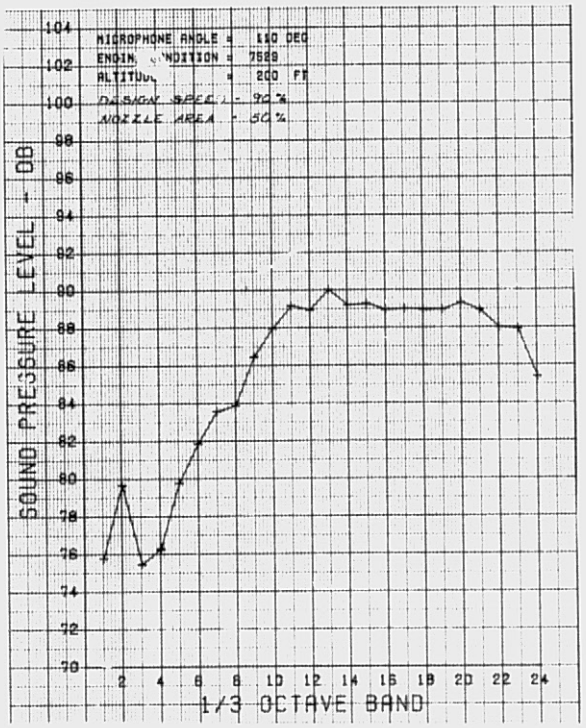
REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. A-16

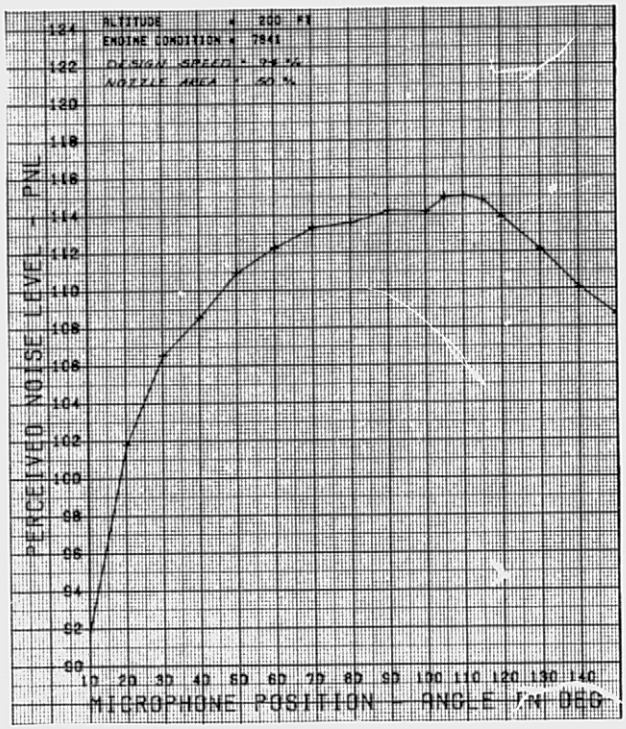

ALTITUDE = 200 FT
ENGINE CONDITION = 7529
DESIGN SPEED - 90%
NOZZLE AREA - 50%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

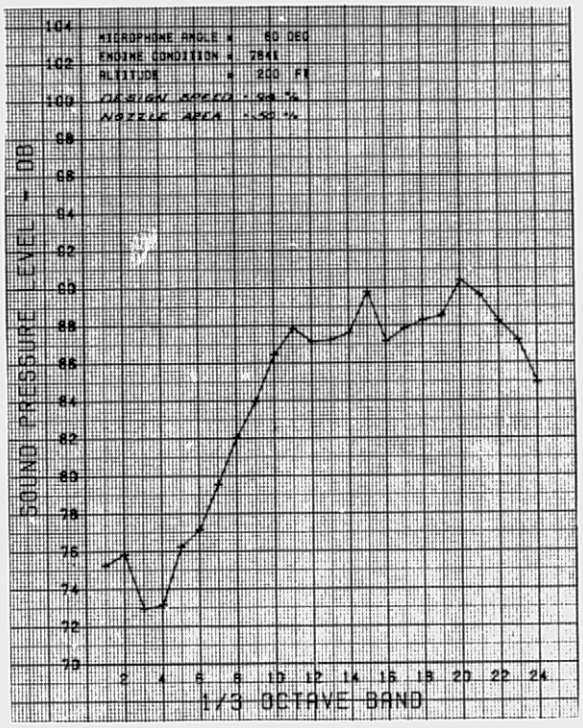

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 7529
ALTITUDE = 200 FT
DESIGN SPEED - 90%
NOZZLE AREA - 50%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

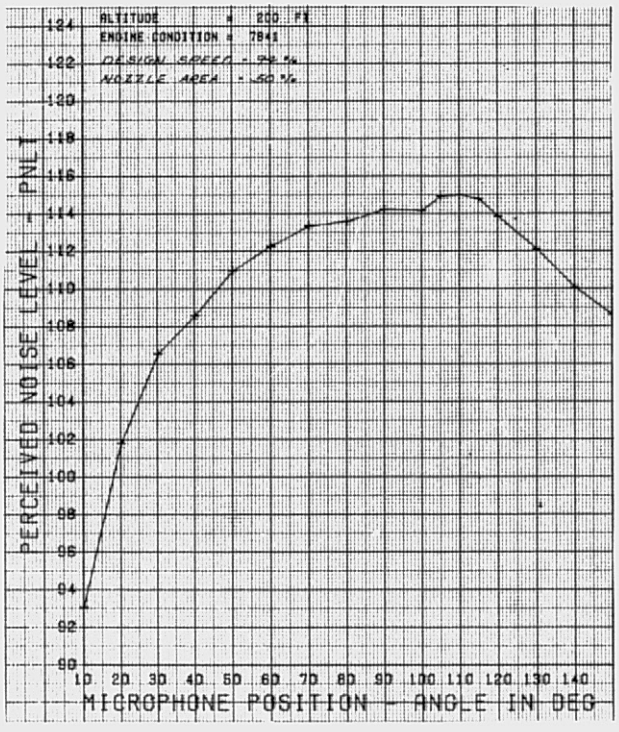

ALTITUDE = 200 FT
ENGINE CONDITION = 7529
DESIGN SPEED - 90%
NOZZLE AREA - 50%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

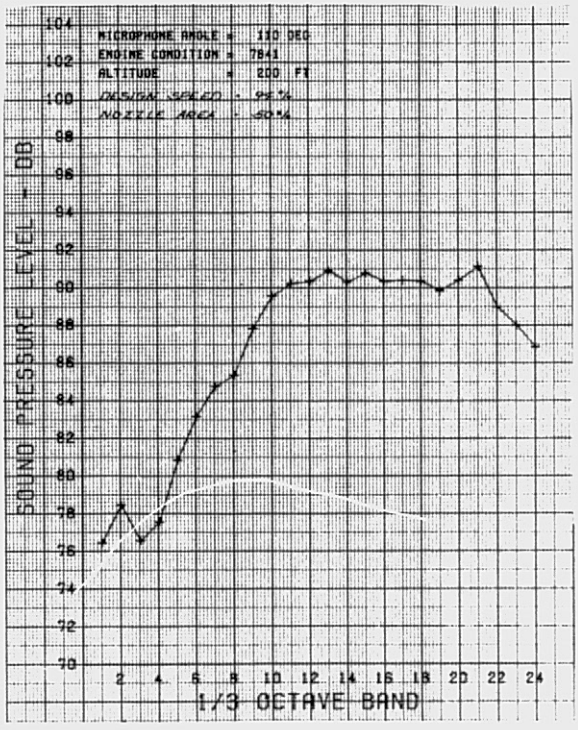

MICROPHONE ANGLE = 110 DEG
ENGINE CONDITION = 7529
ALTITUDE = 200 FT
DESIGN SPEED - 90%
NOZZLE AREA - 50%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-17

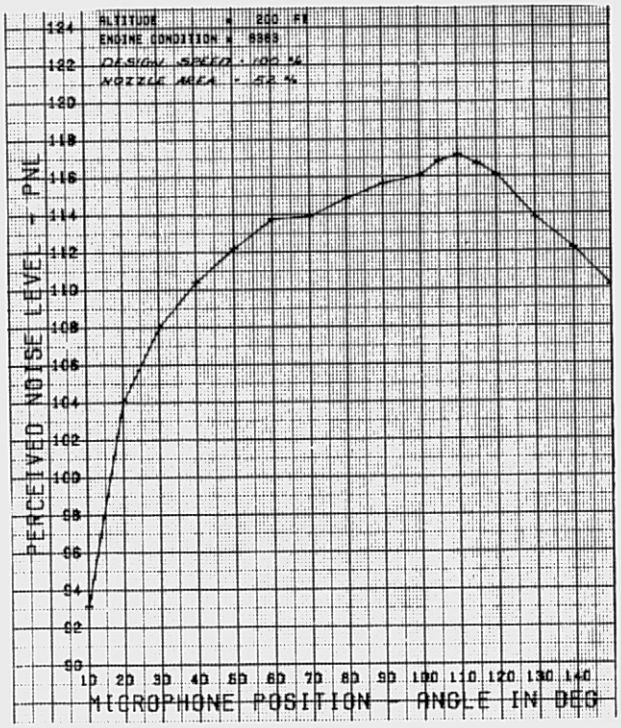

ALTITUDE = 200 FT
ENGINE CONDITION = 7841
DESIGN SPEED = 98 %
NOZZLE AREA = 50 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

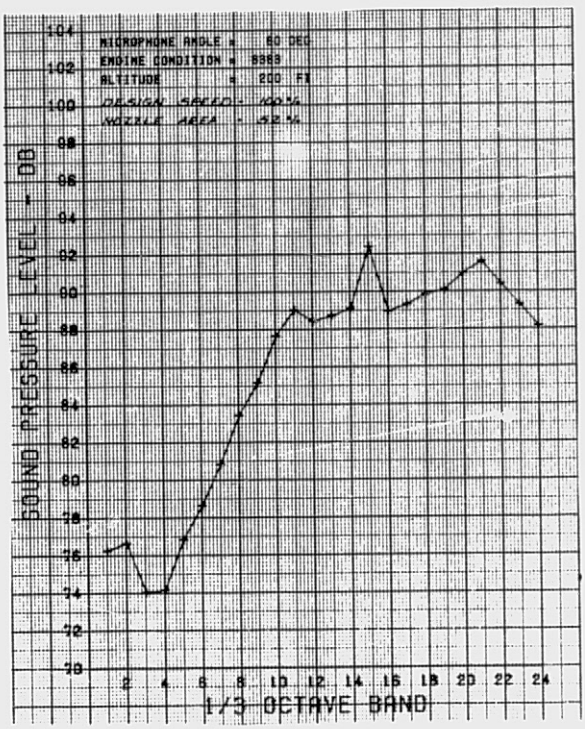

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 7841
ALTITUDE = 200 FT
DESIGN SPEED = 98 %
NOZZLE AREA = 50 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

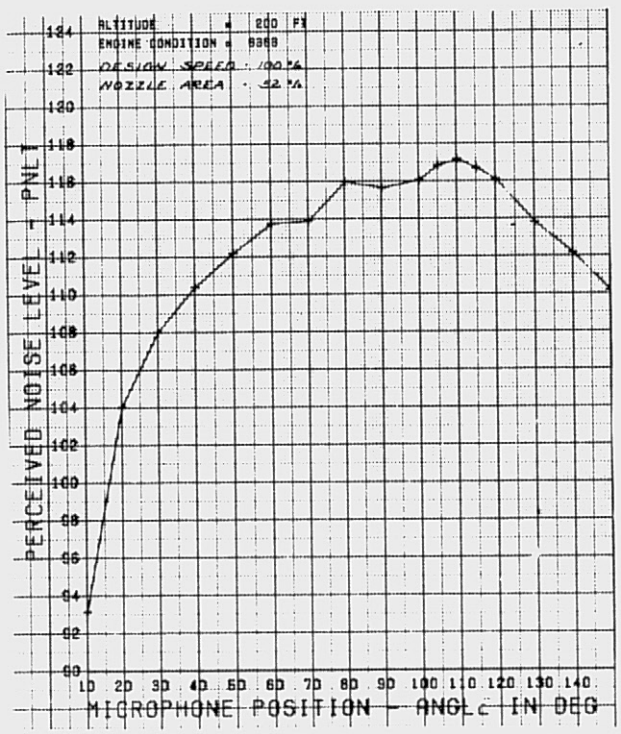

ALTITUDE = 200 FT
ENGINE CONDITION = 7841
DESIGN SPEED = 98 %
NOZZLE AREA = 50 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

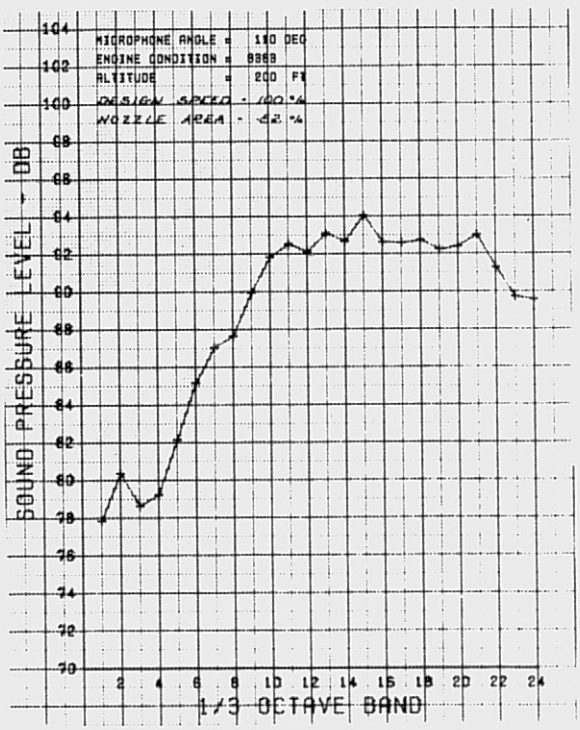

MICROPHONE ANGLE = 110 DEG
ENGINE CONDITION = 7841
ALTITUDE = 200 FT
DESIGN SPEED = 98 %
NOZZLE AREA = 50 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-18

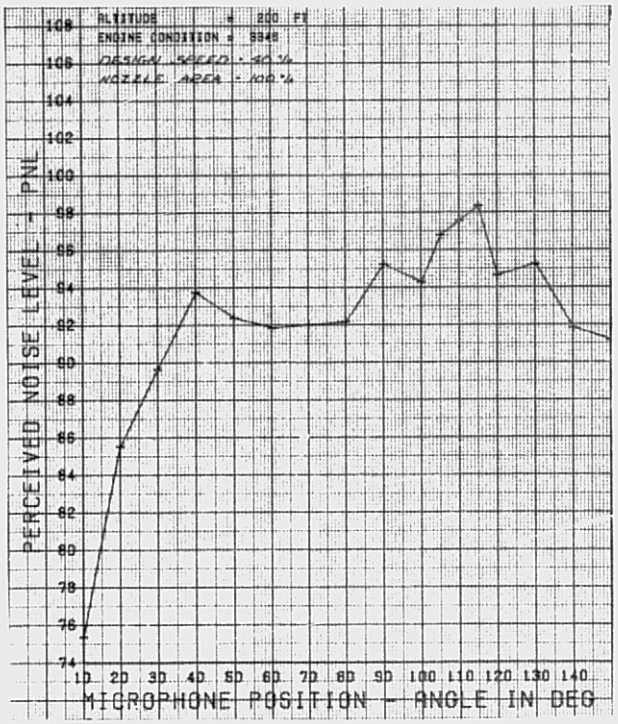

ALTITUDE = 200 FT
ENGINE CONDITION = 8368
DESIGN SPEED - 100 %
NOZZLE AREA - 52 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

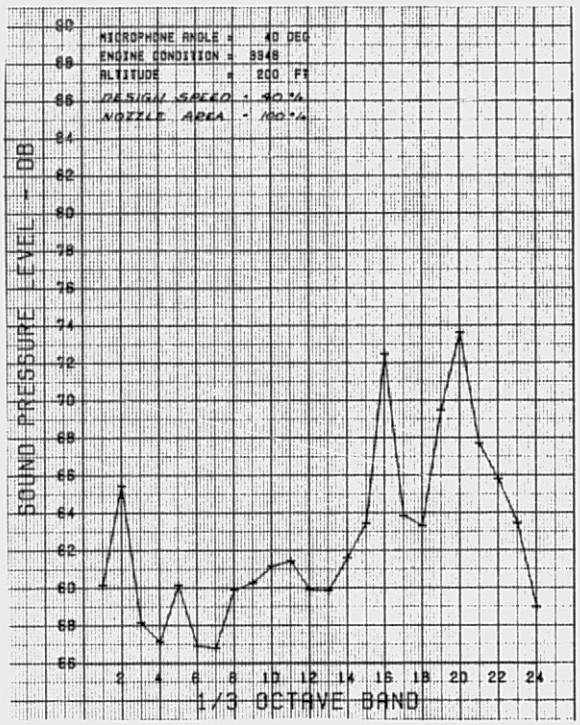

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 8368
ALTITUDE = 200 FT
DESIGN SPEED - 100 %
NOZZLE AREA - 52 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

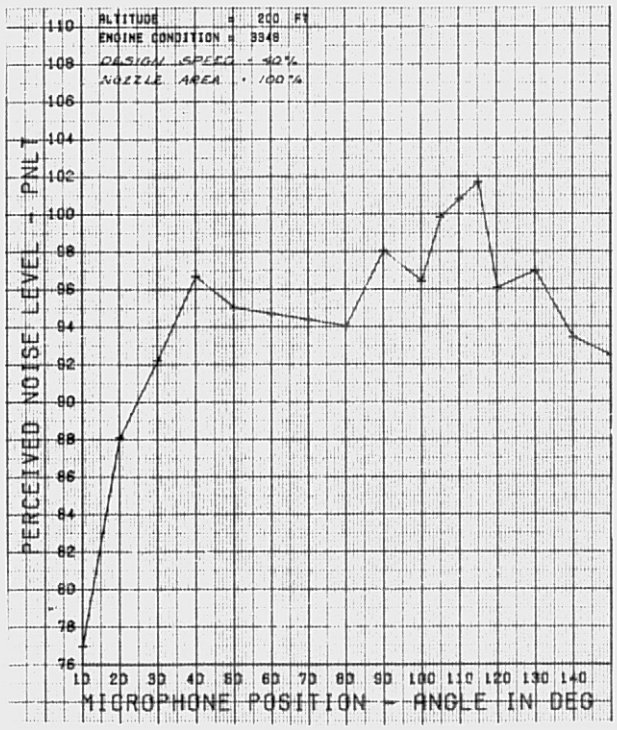

ALTITUDE = 200 FT
ENGINE CONDITION = 8368
DESIGN SPEED - 100 %
NOZZLE AREA - 52 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

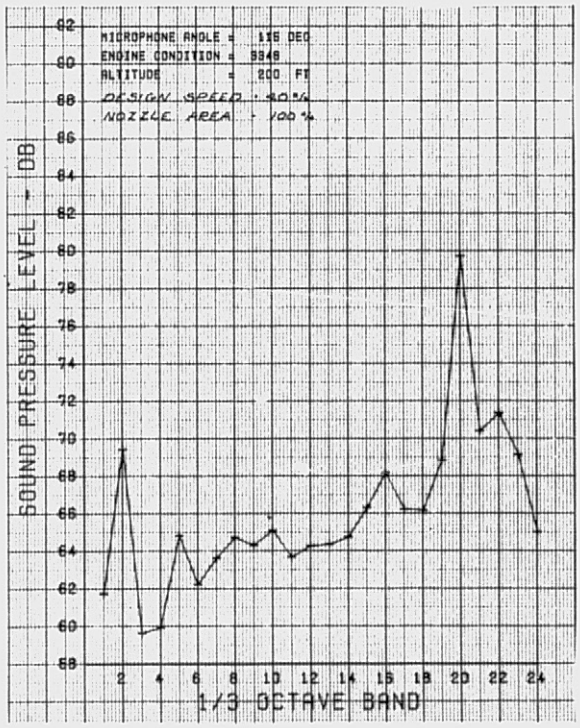

MICROPHONE ANGLE = 110 DEG
ENGINE CONDITION = 8368
ALTITUDE = 200 FT
DESIGN SPEED - 100 %
NOZZLE AREA - 52 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-19

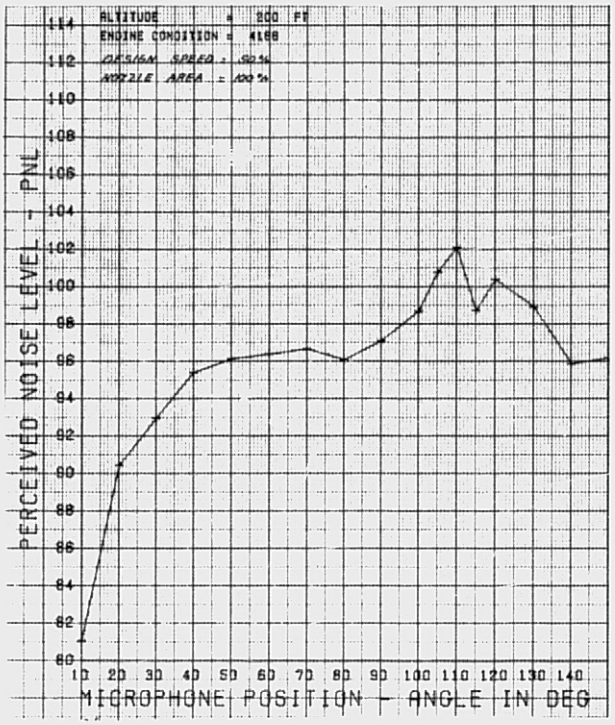

ALTITUDE = 200 FT
ENGINE CONDITION = 9348
DESIGN SPEED - 40 %
NOZZLE AREA - 100 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

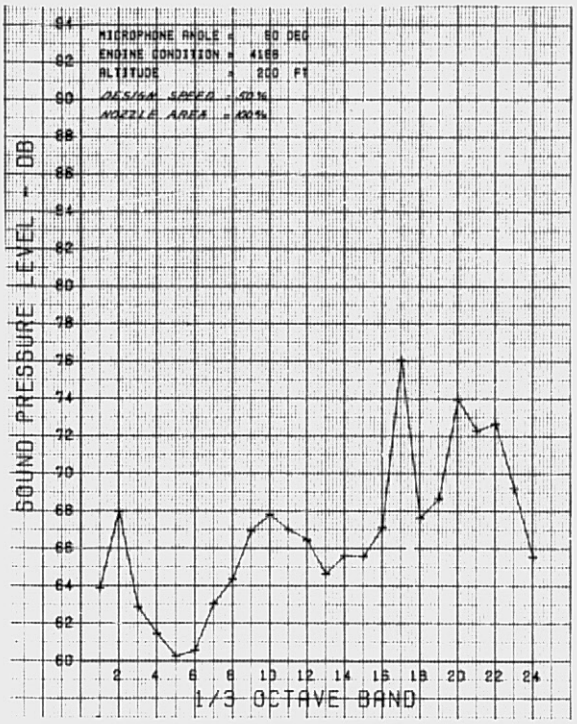

MICROPHONE ANGLE = 40 DEG
ENGINE CONDITION = 9348
ALTITUDE = 200 FT
DESIGN SPEED - 40 %
NOZZLE AREA - 100 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

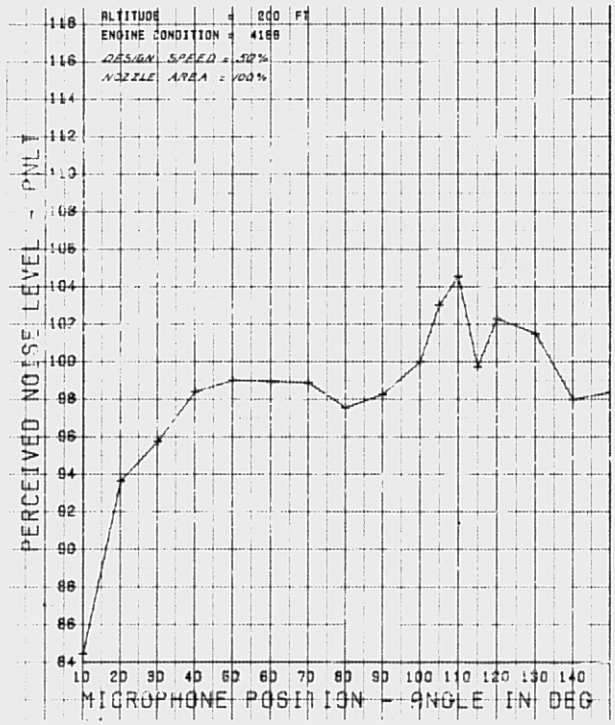

ALTITUDE = 200 FT
ENGINE CONDITION = 9348
DESIGN SPEED - 40 %
NOZZLE AREA - 100 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

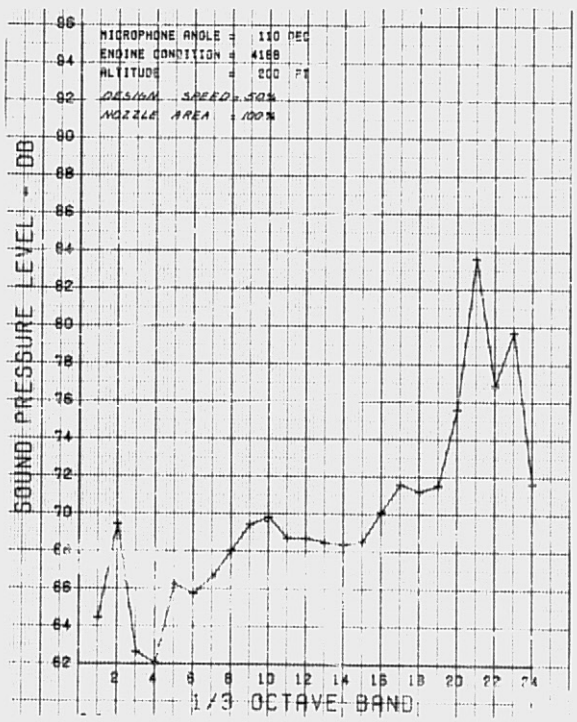

MICROPHONE ANGLE = 115 DEG
ENGINE CONDITION = 9348
ALTITUDE = 200 FT
DESIGN SPEED - 40 %
NOZZLE AREA - 100 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-20

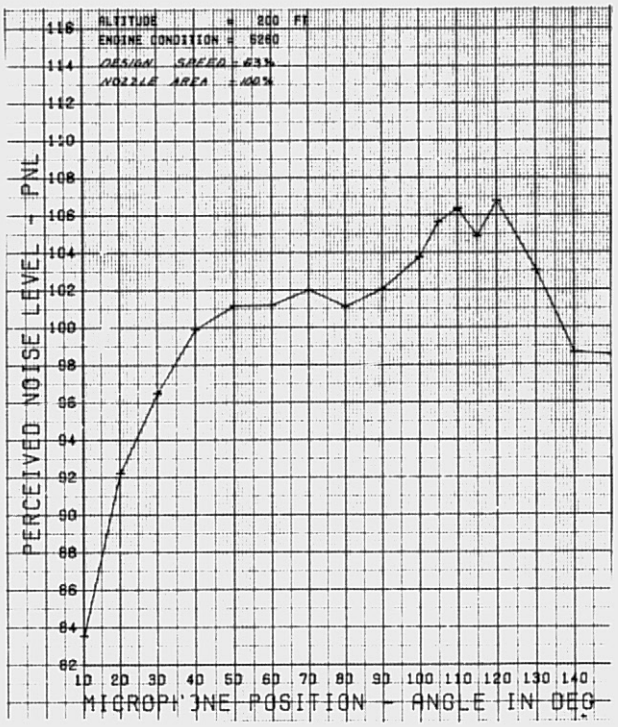

ALTITUDE = 200 FT
ENGINE CONDITION = 4166
DESIGN SPEED = 50%
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

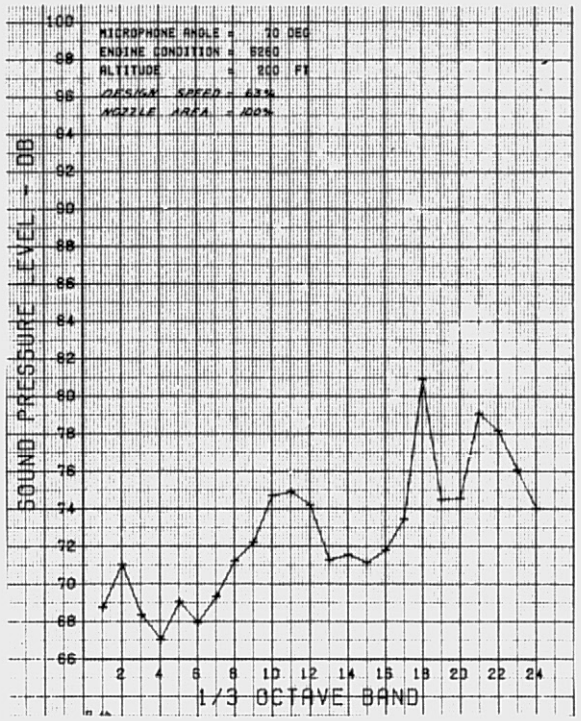

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 4166
ALTITUDE = 200 FT
DESIGN SPEED = 50%
NOZZLE AREA = 100%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

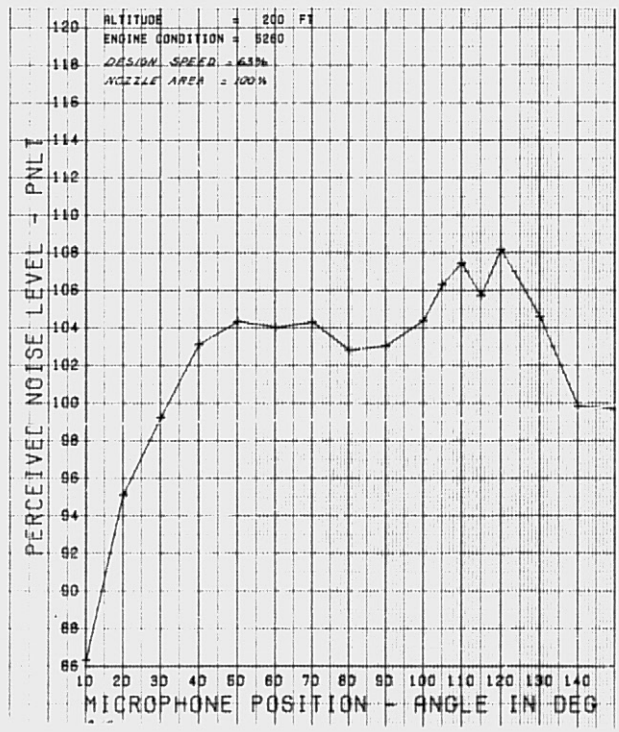

ALTITUDE = 200 FT
ENGINE CONDITION = 4166
DESIGN SPEED = 50%
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

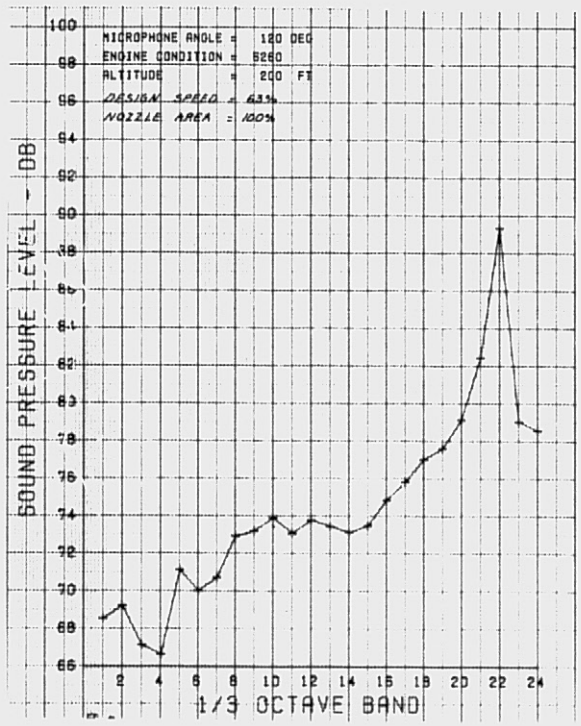

MICROPHONE ANGLE = 110 DEG
ENGINE CONDITION = 4166
ALTITUDE = 200 FT
DESIGN SPEED = 50%
NOZZLE AREA = 100%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A21



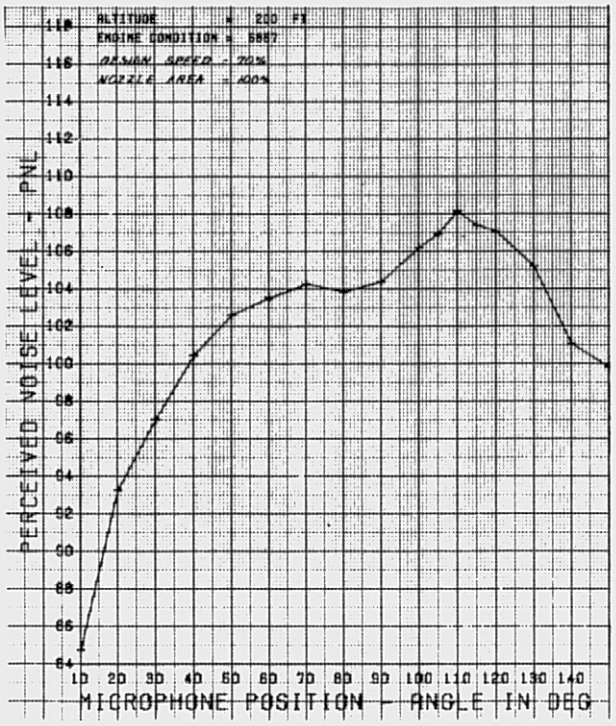


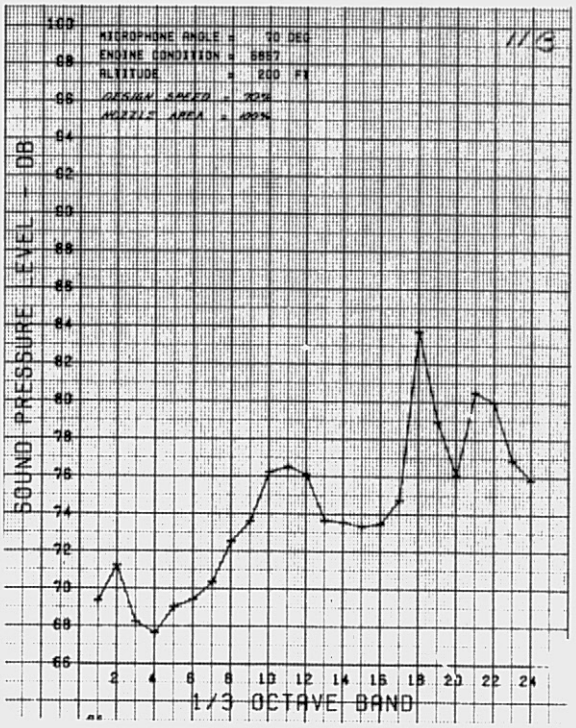


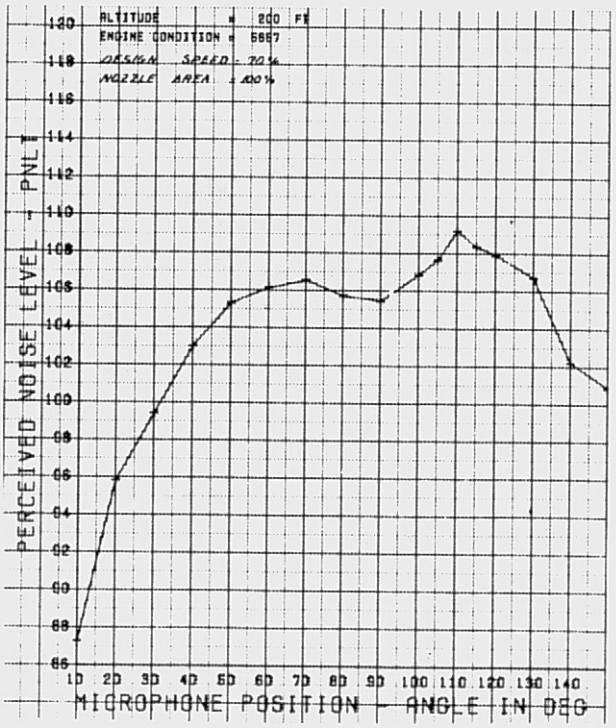


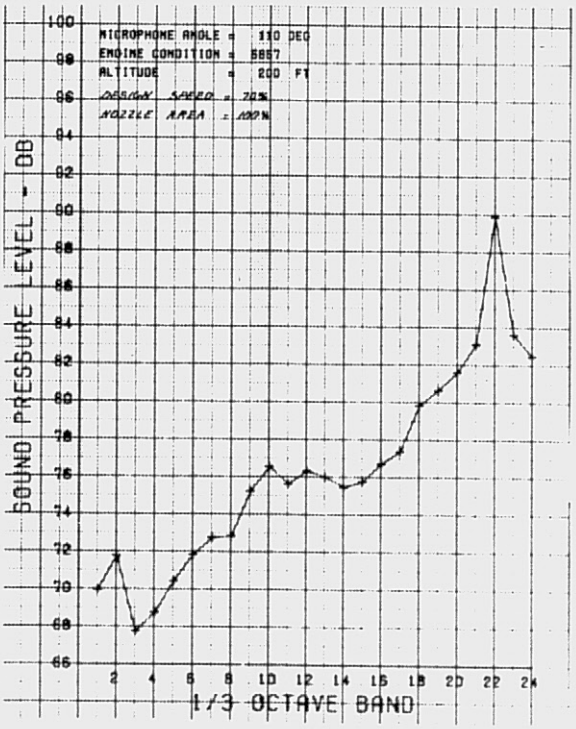
REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. A-22

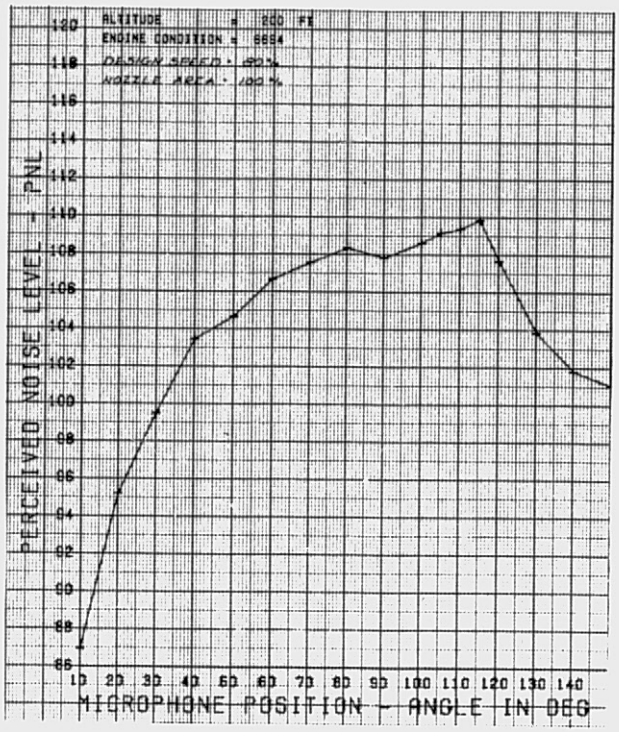

ALTITUDE = 200 FT
ENGINE CONDITION = 5857
DESIGN SPEED = 70%
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

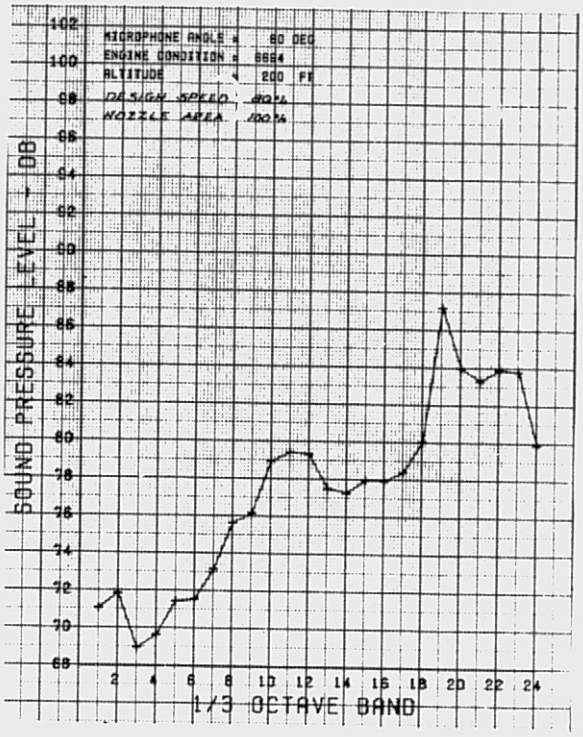

MICROPHONE ANGLE = 90 DEG
ENGINE CONDITION = 5857
ALTITUDE = 200 FT
DESIGN SPEED = 70%
NOZZLE AREA = 100%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

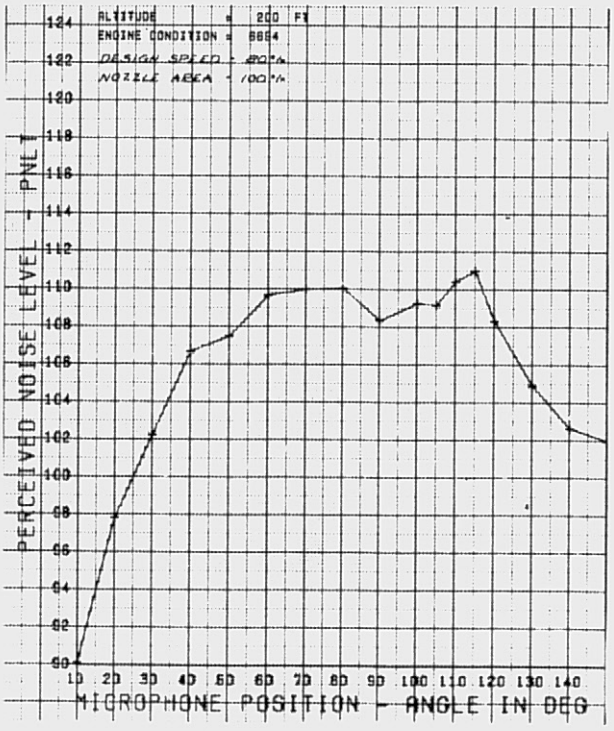

ALTITUDE = 200 FT
ENGINE CONDITION = 5857
DESIGN SPEED = 70%
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

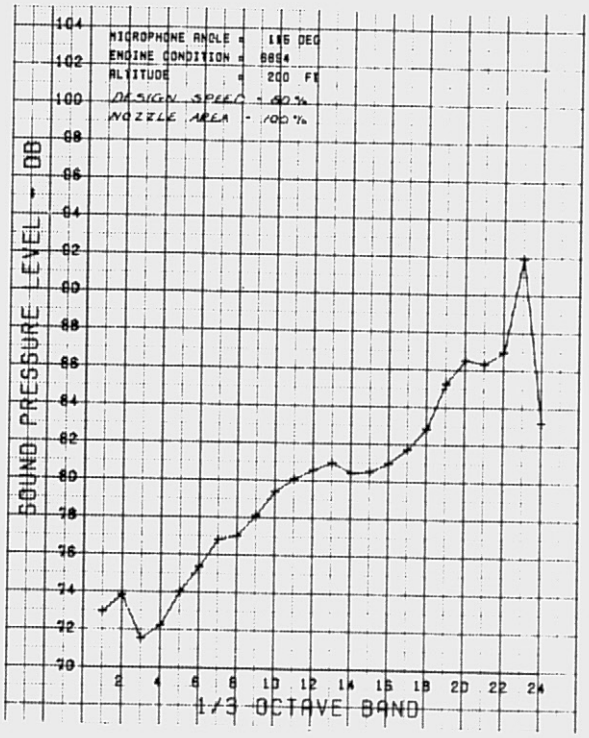

MICROPHONE ANGLE = 110 DEG
ENGINE CONDITION = 5857
ALTITUDE = 200 FT
DESIGN SPEED = 70%
NOZZLE AREA = 100%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-23

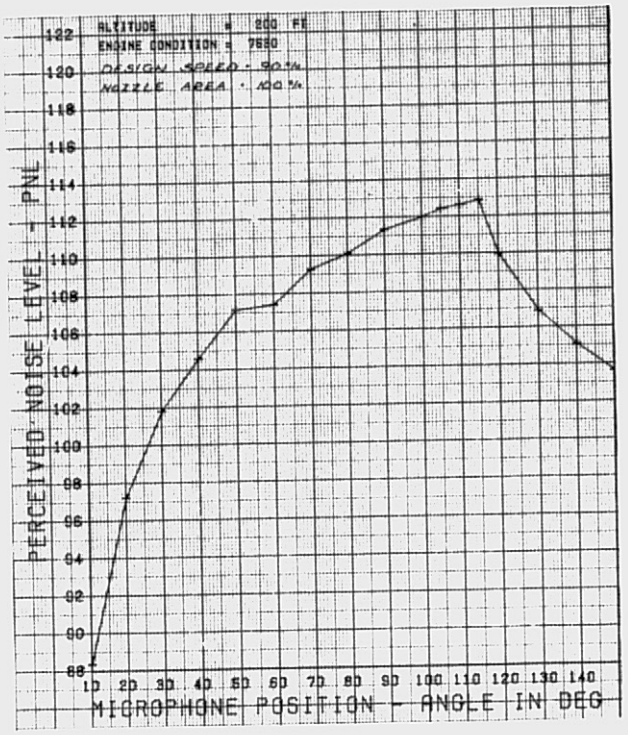

ALTITUDE = 200 FT
ENGINE CONDITION = 8654
DESIGN SPEED - 80%
NOZZLE AREA - 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

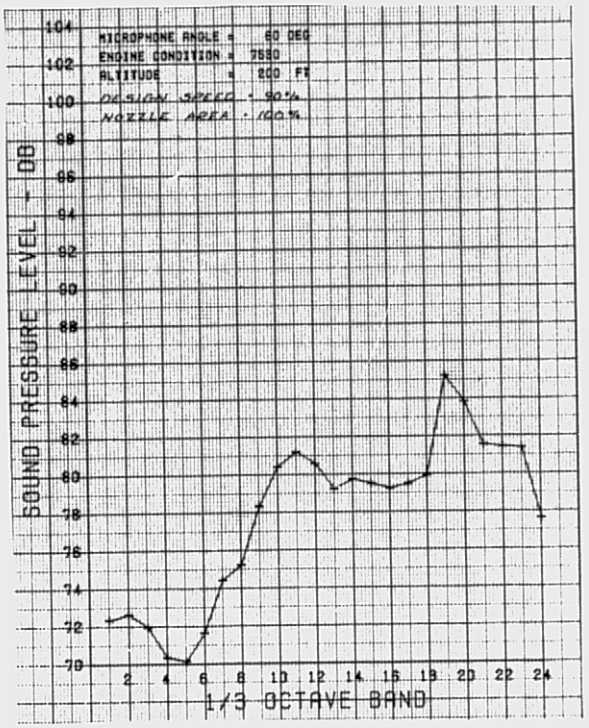

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 8654
ALTITUDE = 200 FT
DESIGN SPEED - 80%
NOZZLE AREA - 100%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

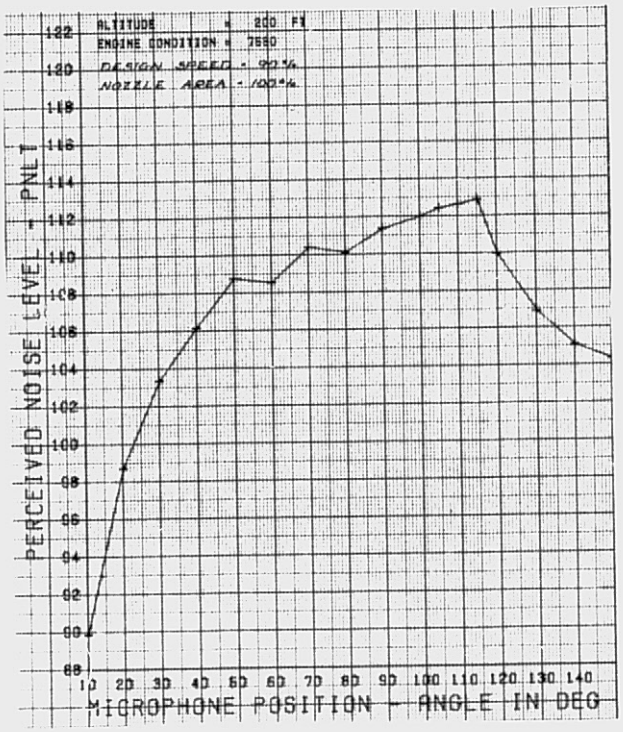

ALTITUDE = 200 FT
ENGINE CONDITION = 8654
DESIGN SPEED - 80%
NOZZLE AREA - 100%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

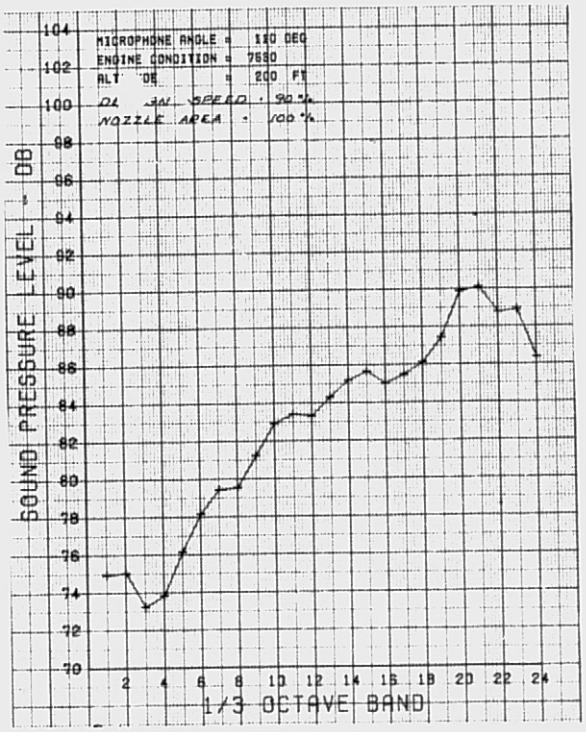

MICROPHONE ANGLE = 165 DEG
ENGINE CONDITION = 8654
ALTITUDE = 200 FT
DESIGN SPEED - 80%
NOZZLE AREA - 100%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-24

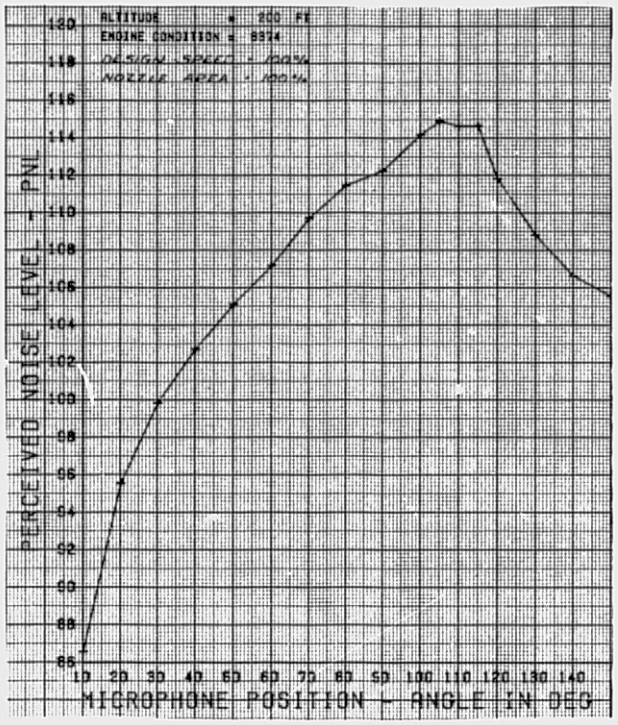

ALTITUDE = 200 FT
ENGINE CONDITION = 7680
DESIGN SPEED - 90%
NOZZLE AREA - 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

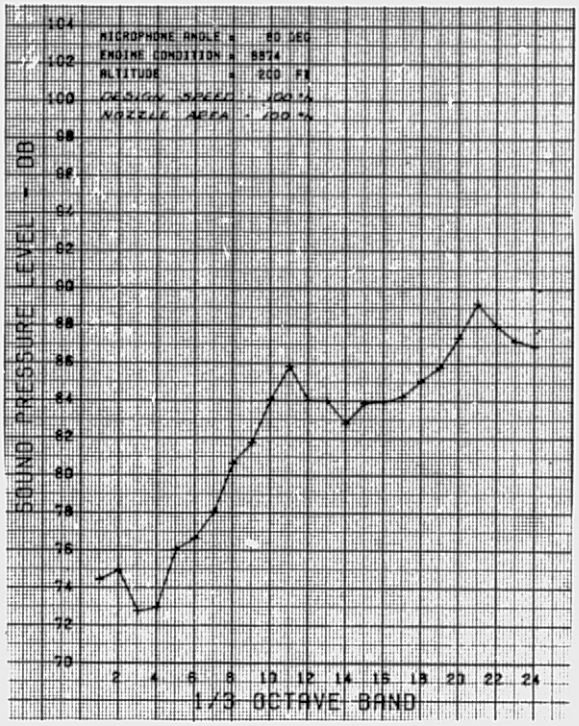

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 7680
ALTITUDE = 200 FT
DESIGN SPEED - 90%
NOZZLE AREA - 100%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

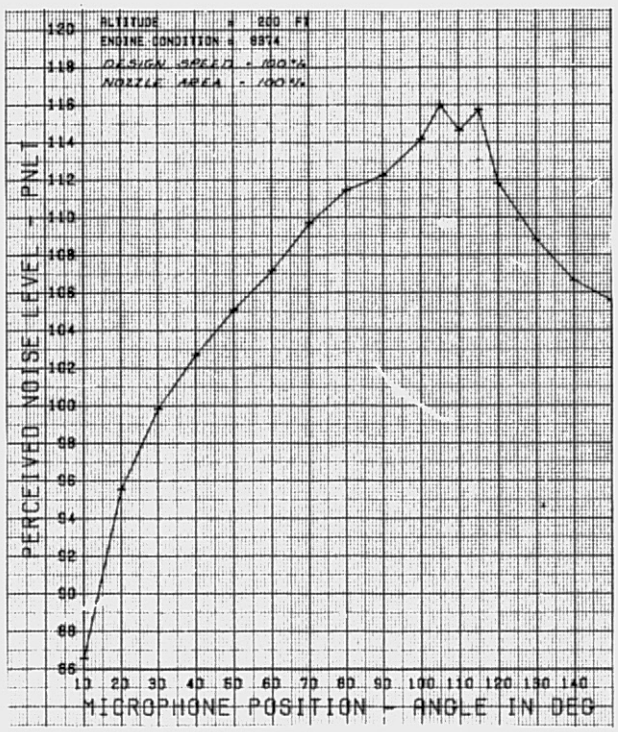

ALTITUDE = 200 FT
ENGINE CONDITION = 7680
DESIGN SPEED - 90%
NOZZLE AREA - 100%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

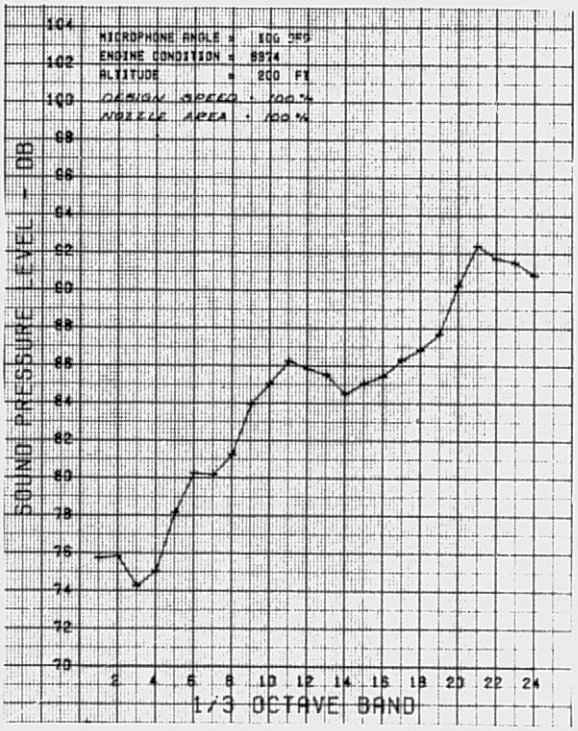

MICROPHONE ANGLE = 150 DEG
ENGINE CONDITION = 7680
ALT DB = 200 FT
DESIGN SPEED - 90%
NOZZLE AREA - 100%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-25



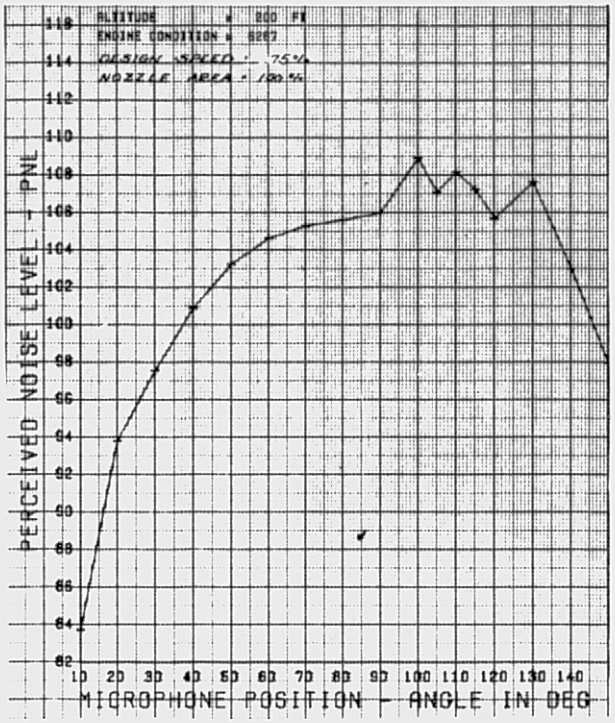


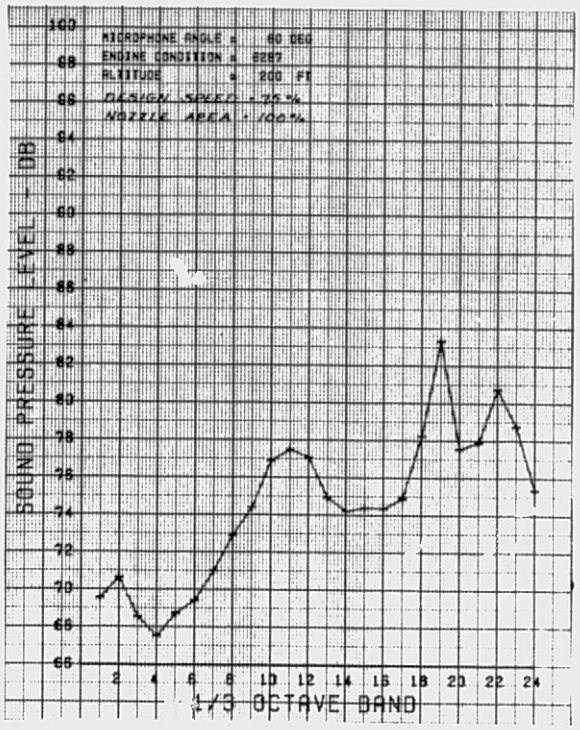


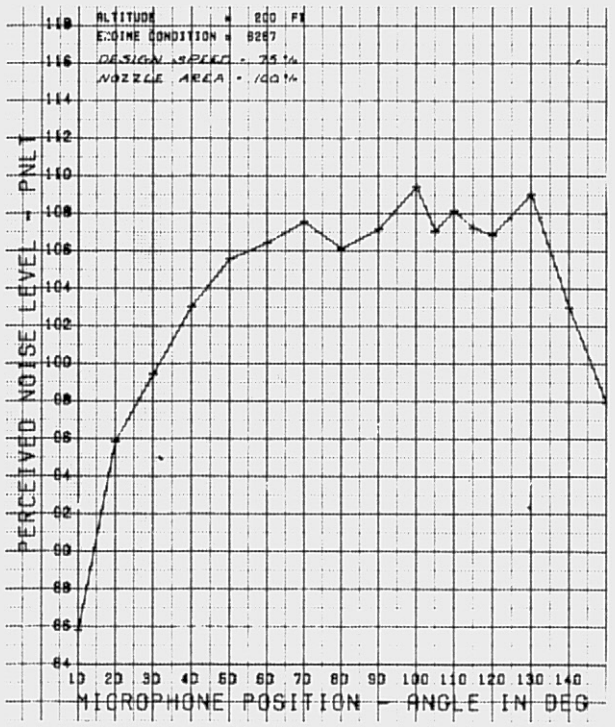


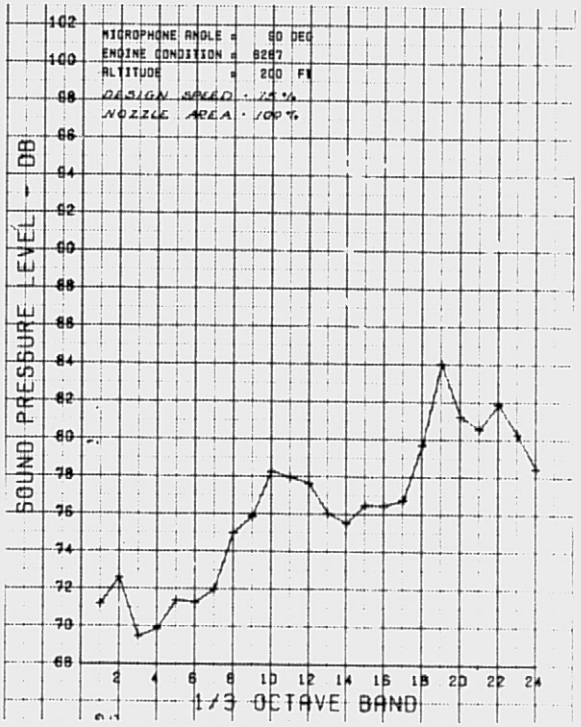
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Point No. A-26

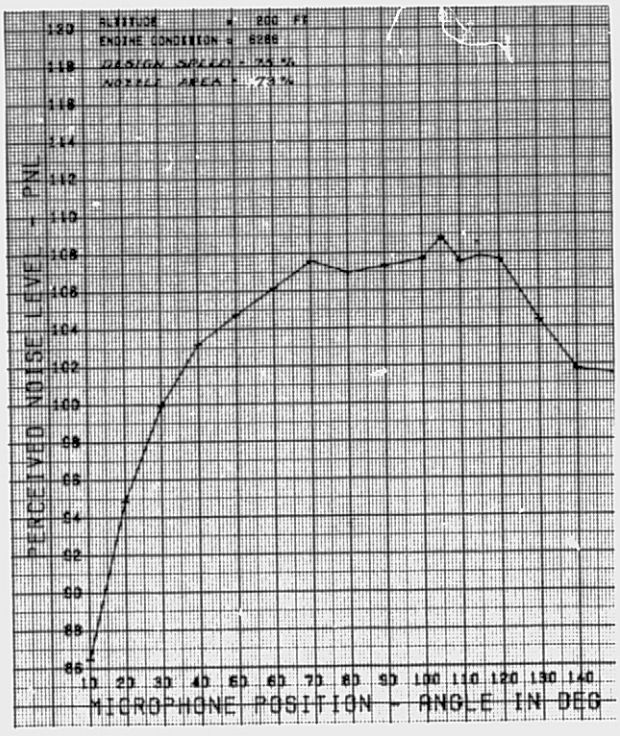

ALTITUDE = 200 FT
ENGINE CONDITION = 8267
DESIGN SPEED - 75%
NOZZLE AREA - 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

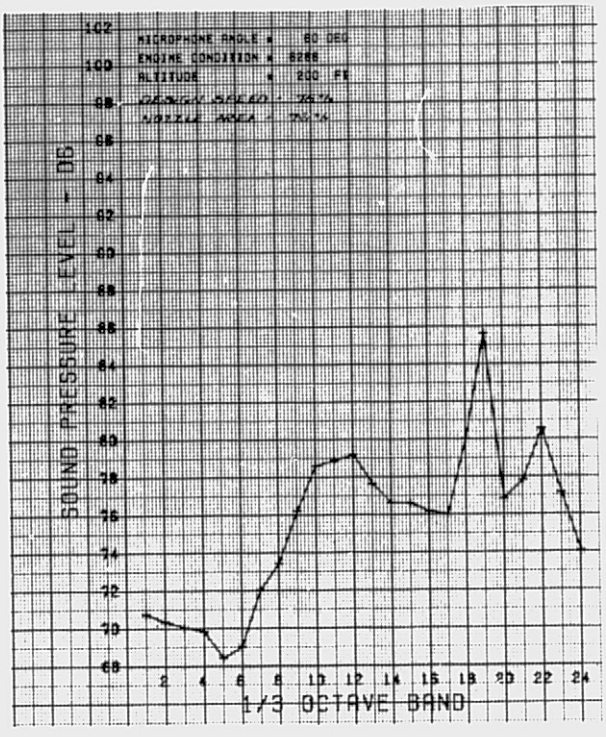

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 8267
ALTITUDE = 200 FT
DESIGN SPEED - 75%
NOZZLE AREA - 100%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

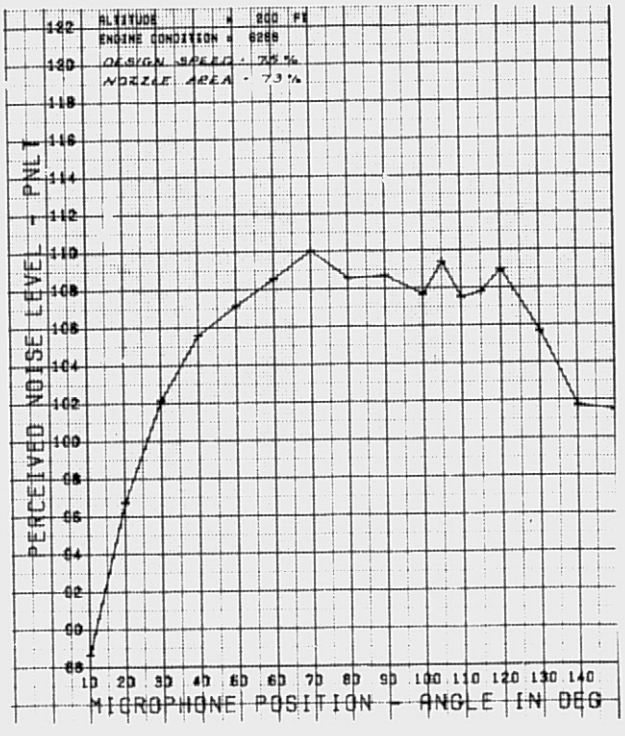

ALTITUDE = 200 FT
ENGINE CONDITION = 8267
DESIGN SPEED - 75%
NOZZLE AREA - 100%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

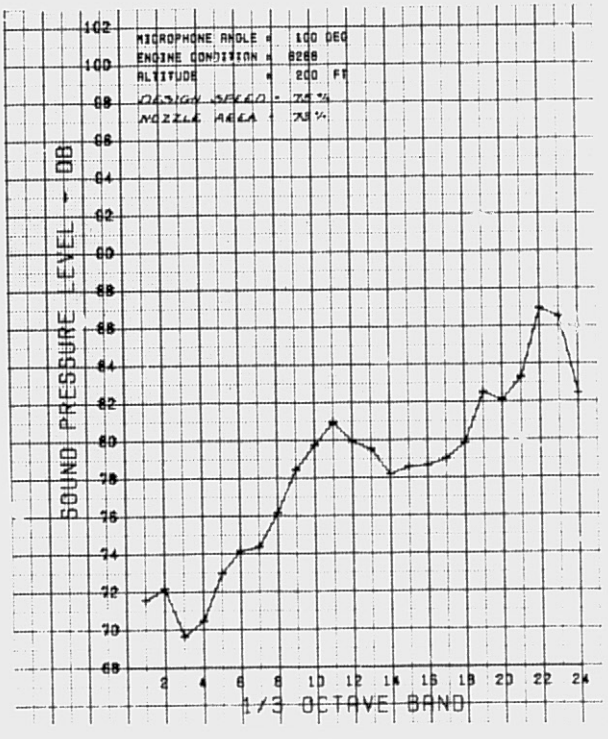

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 8267
ALTITUDE = 200 FT
DESIGN SPEED - 75%
NOZZLE AREA - 100%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-27

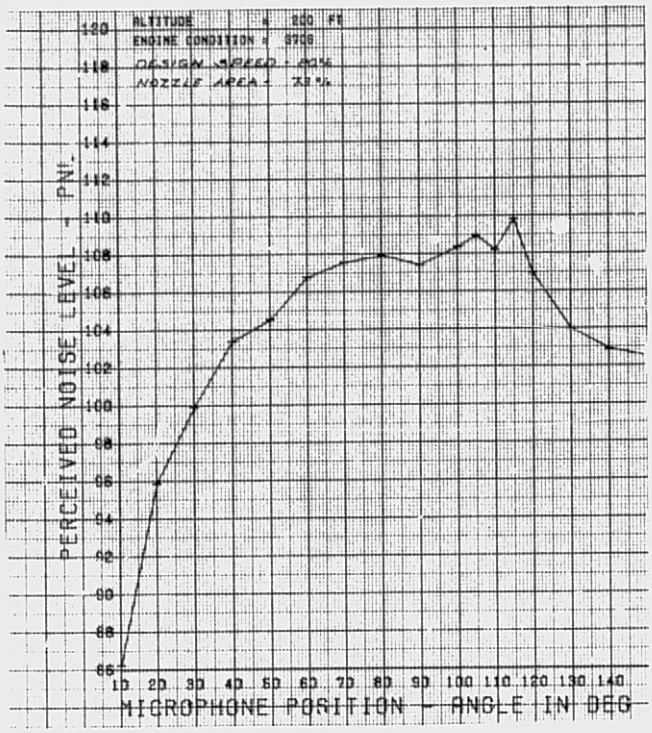

ALTITUDE = 200 FT
ENGINE CONDITION = 8268
DESIGN SPEED - 75 %
NOZZLE AREA - 73 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

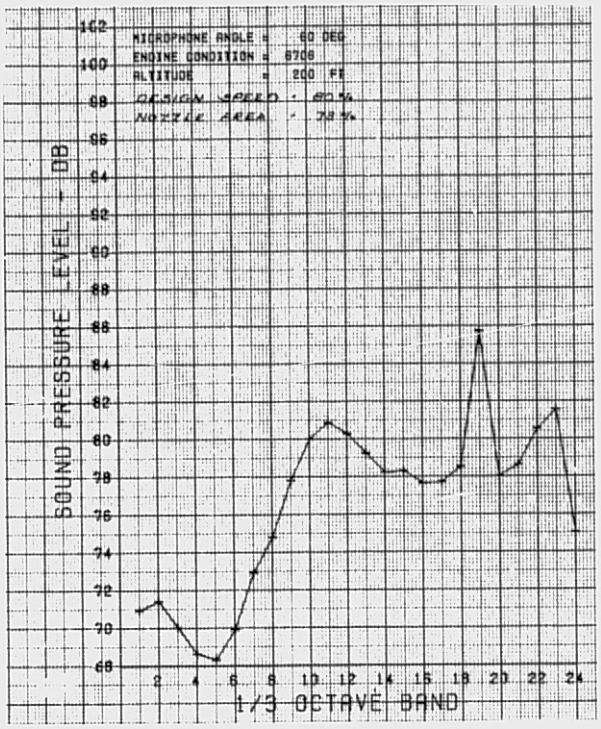

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 8268
ALTITUDE = 200 FT
DESIGN SPEED - 75 %
NOZZLE AREA - 73 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

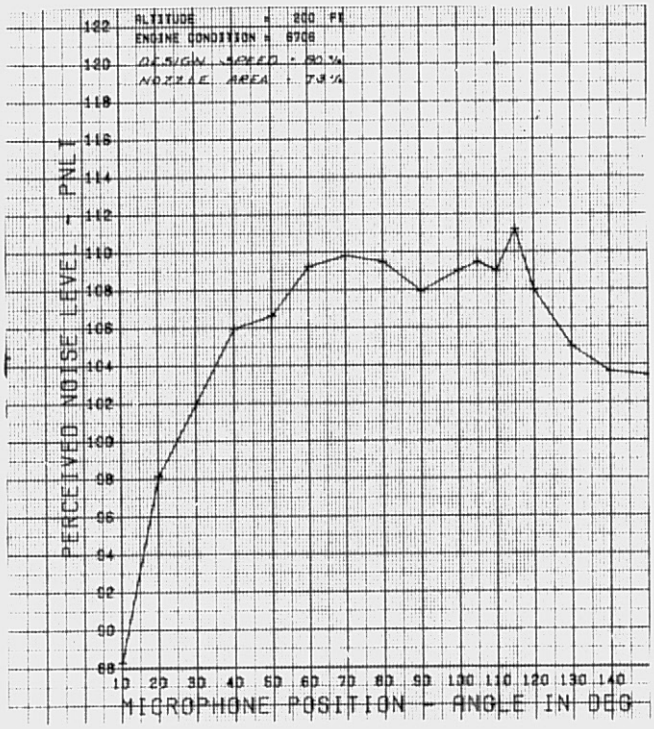

ALTITUDE = 200 FT
ENGINE CONDITION = 8268
DESIGN SPEED - 75 %
NOZZLE AREA - 73 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

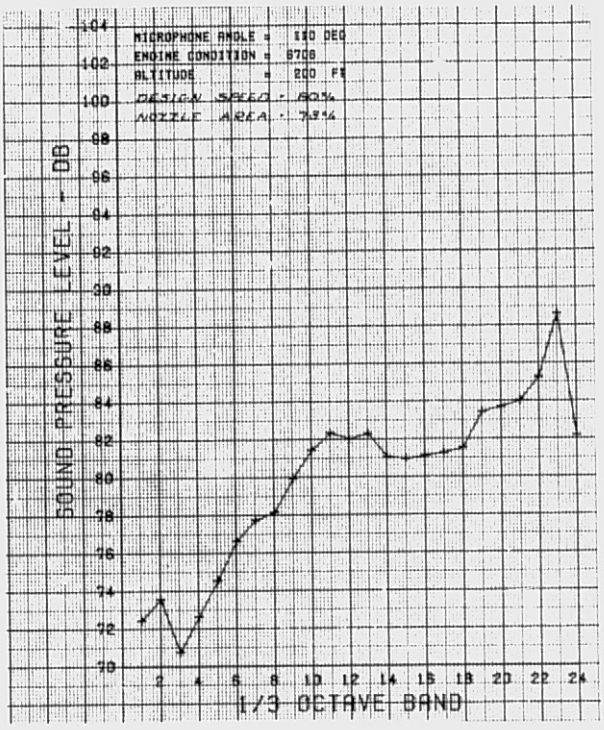

MICROPHONE ANGLE = 100 DEG
ENGINE CONDITION = 8268
ALTITUDE = 200 FT
DESIGN SPEED - 75 %
NOZZLE AREA - 73 %
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-28

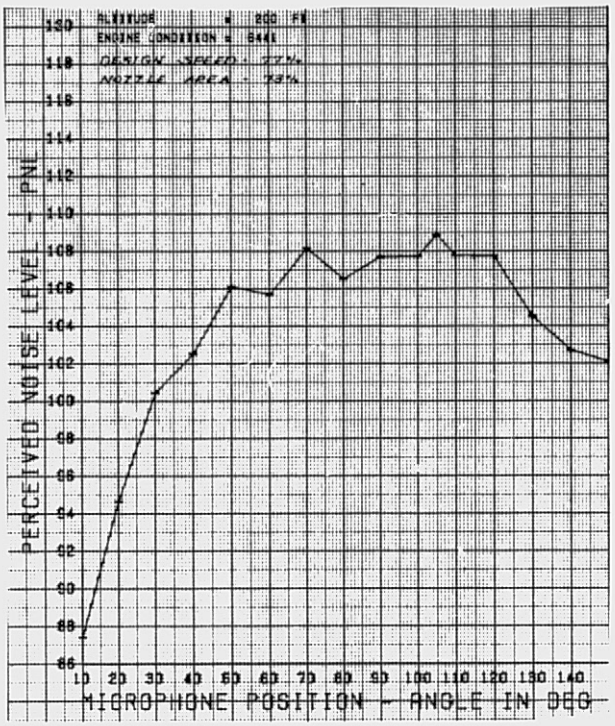

ALTITUDE = 200 FT
ENGINE CONDITION = 8708
DESIGN SPEED - 80%
NOZZLE AREA - 73%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

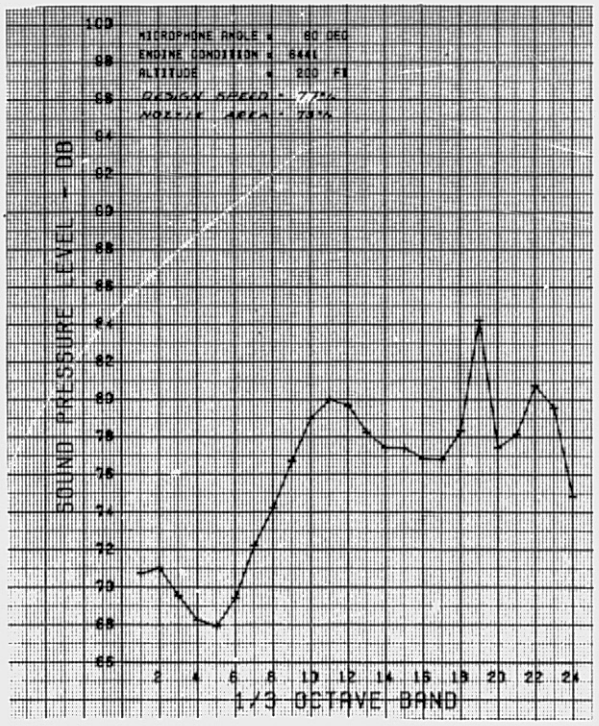

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 8708
ALTITUDE = 200 FT
DESIGN SPEED - 80%
NOZZLE AREA - 73%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

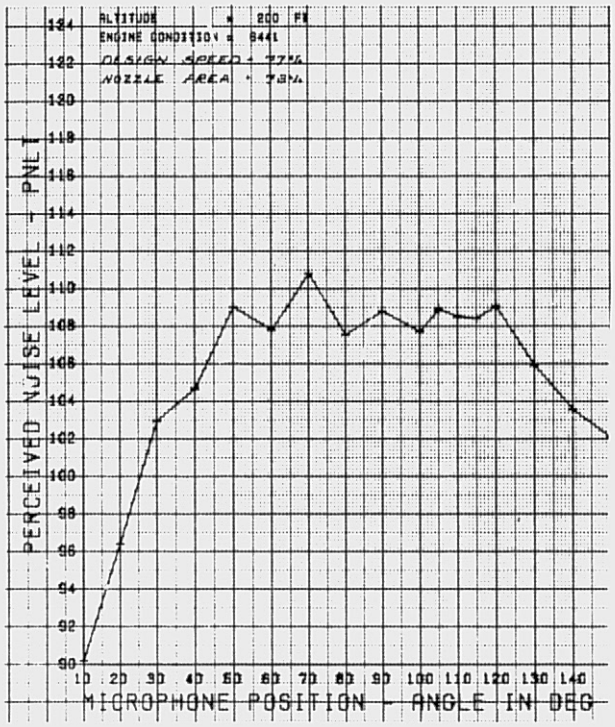

ALTITUDE = 200 FT
ENGINE CONDITION = 8708
DESIGN SPEED - 80%
NOZZLE AREA - 73%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

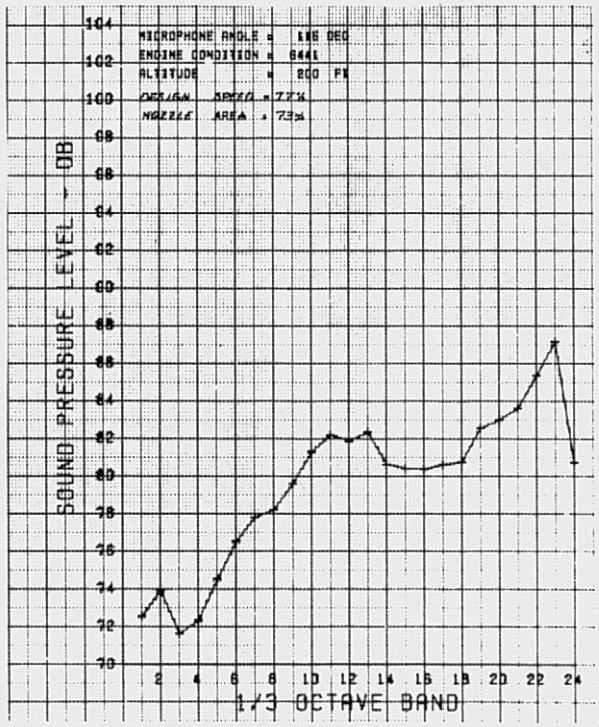

MICROPHONE ANGLE = 110 DEG
ENGINE CONDITION = 8708
ALTITUDE = 200 FT
DESIGN SPEED - 80%
NOZZLE AREA - 73%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-29



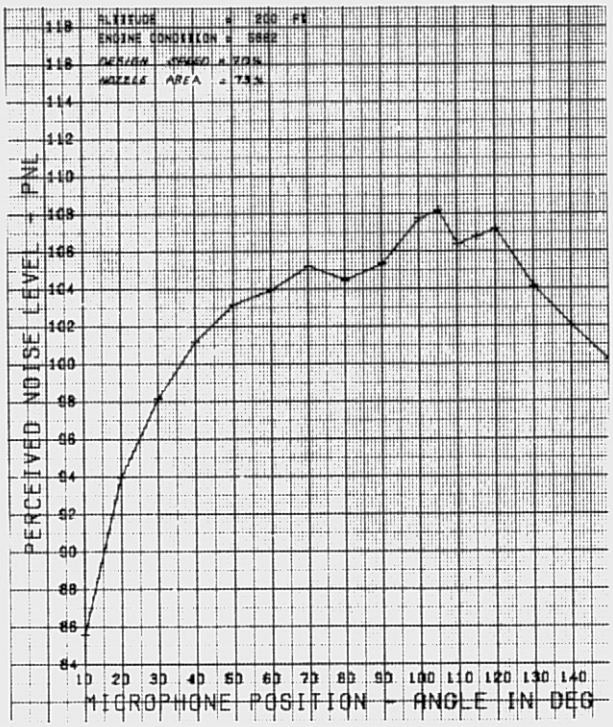


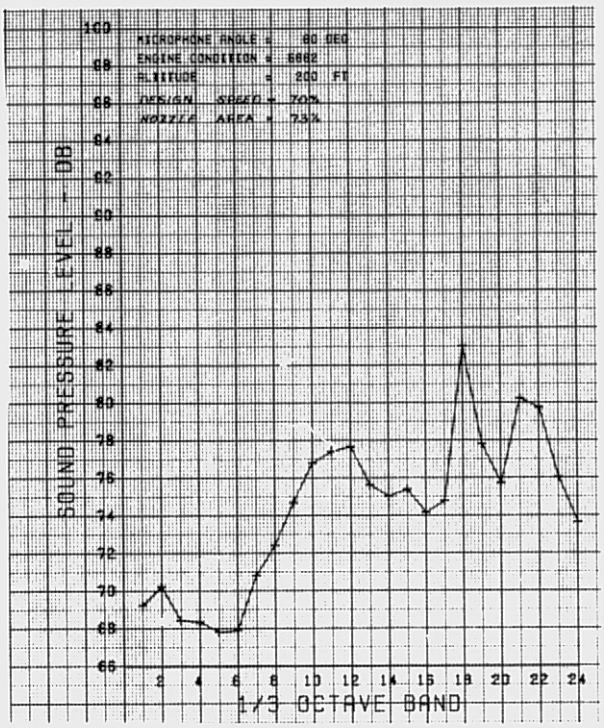


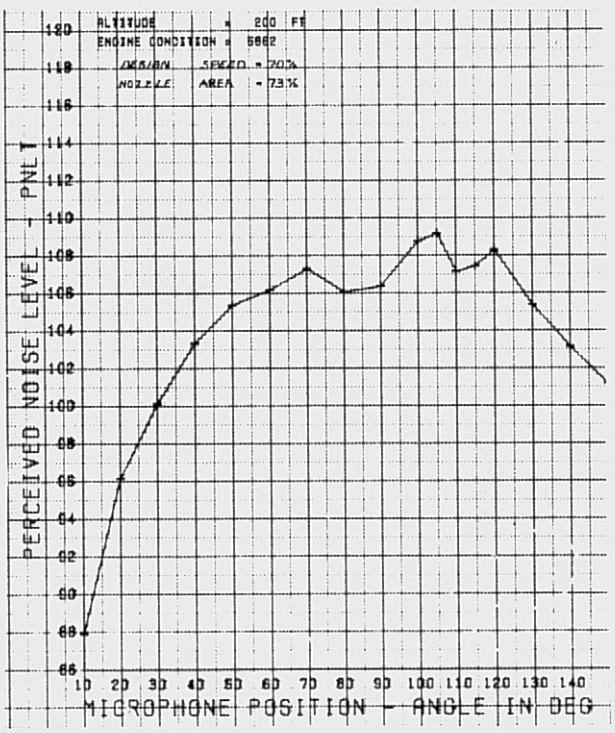


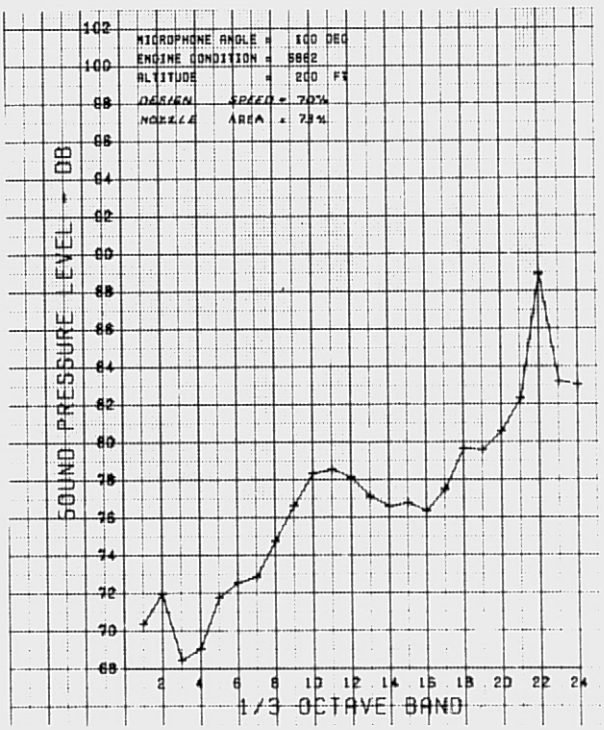
REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. A-30

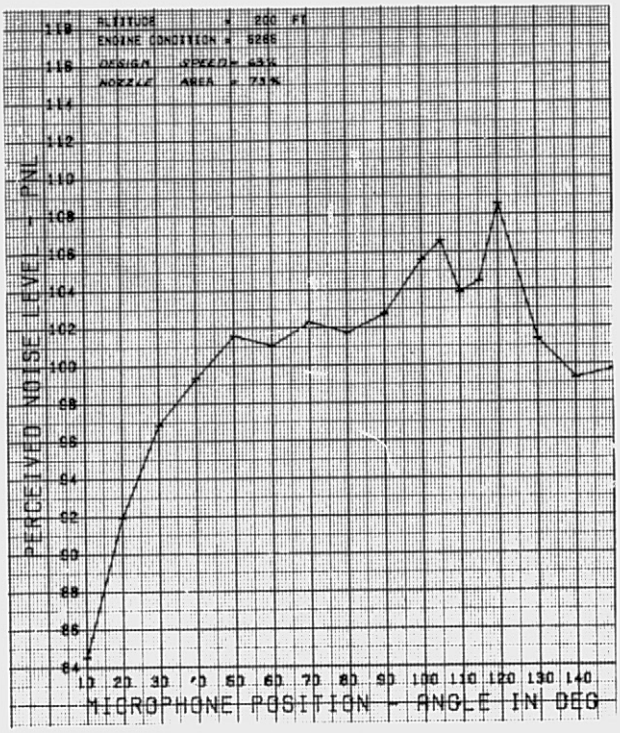

ALTITUDE = 200 FT
ENGINE CONDITION = 5862
DESIGN SPEED = 70%
NOZZLE AREA = 73%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

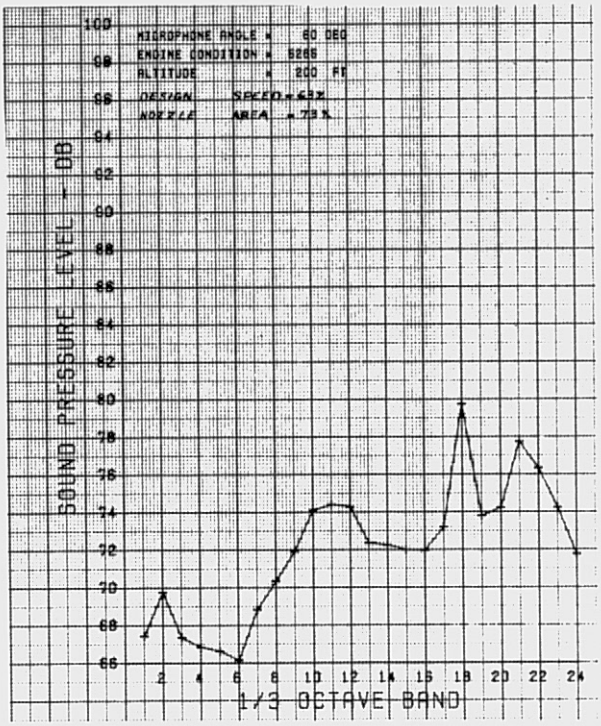

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 5862
ALTITUDE = 200 FT
DESIGN SPEED = 70%
NOZZLE AREA = 73%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

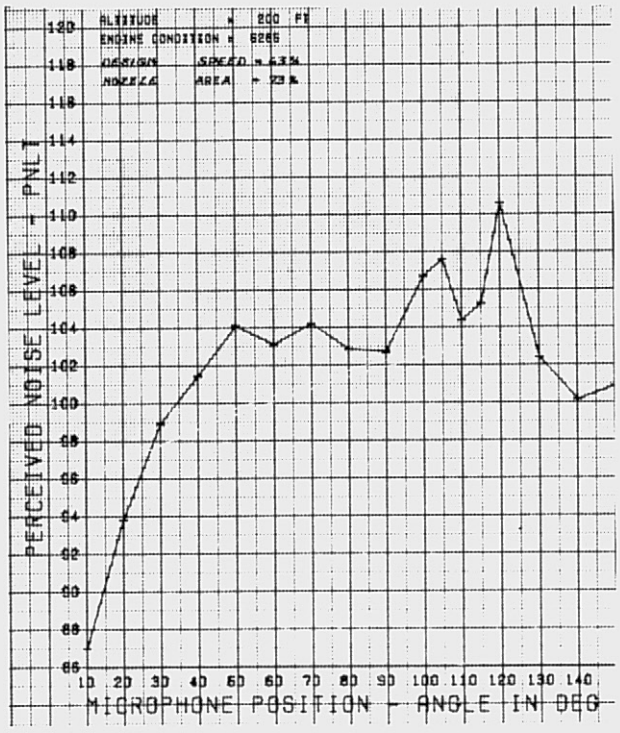

ALTITUDE = 200 FT
ENGINE CONDITION = 5862
DESIGN SPEED = 70%
NOZZLE AREA = 73%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

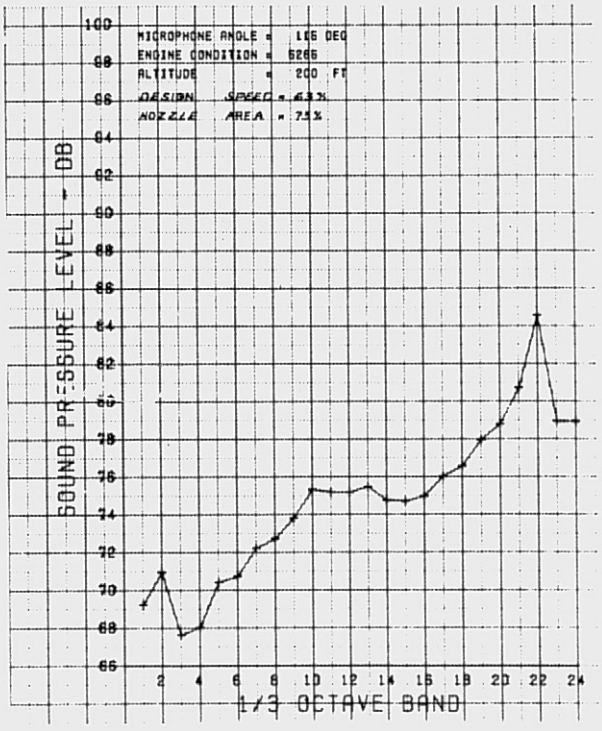

MICROPHONE ANGLE = 100 DEG
ENGINE CONDITION = 5862
ALTITUDE = 200 FT
DESIGN SPEED = 70%
NOZZLE AREA = 73%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-31

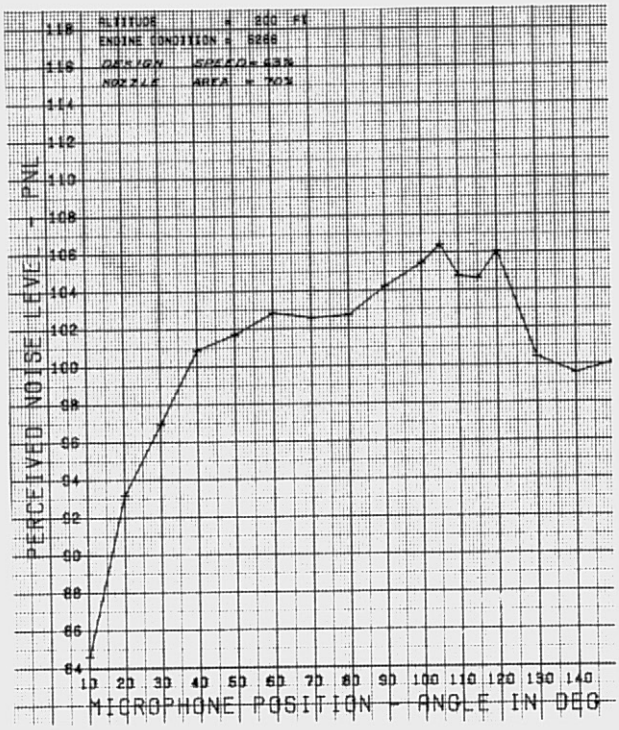

ALTITUDE = 200 FT
ENGINE CONDITION = 5265
DESIGN SPEED = 63%
NOZZLE AREA = 73%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

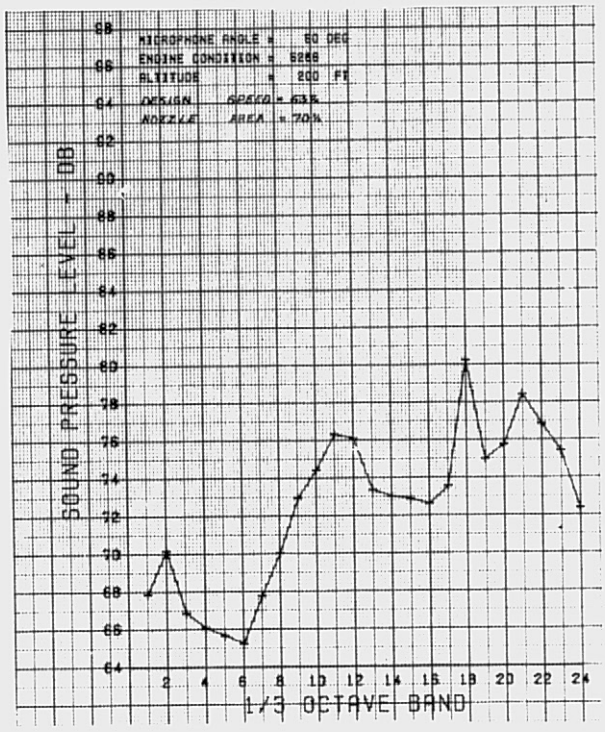

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 5265
ALTITUDE = 200 FT
DESIGN SPEED = 63%
NOZZLE AREA = 73%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

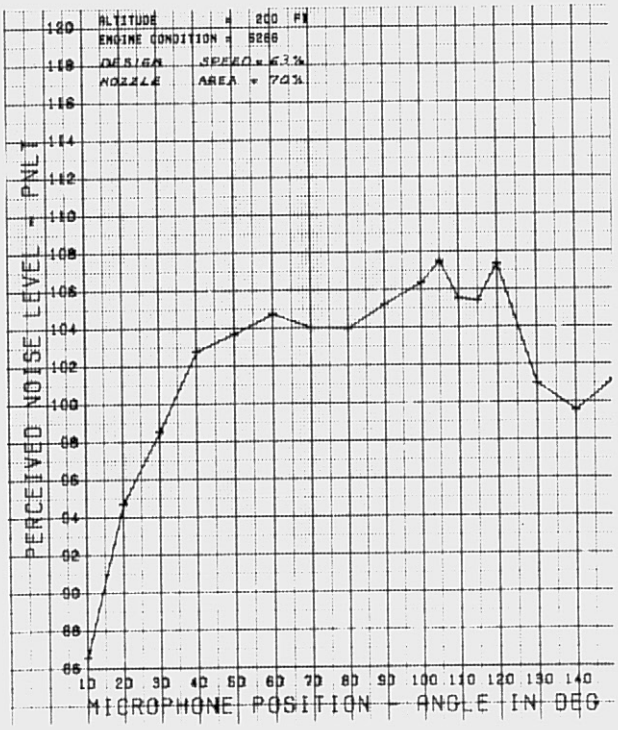

ALTITUDE = 200 FT
ENGINE CONDITION = 5265
DESIGN SPEED = 63%
NOZZLE AREA = 73%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

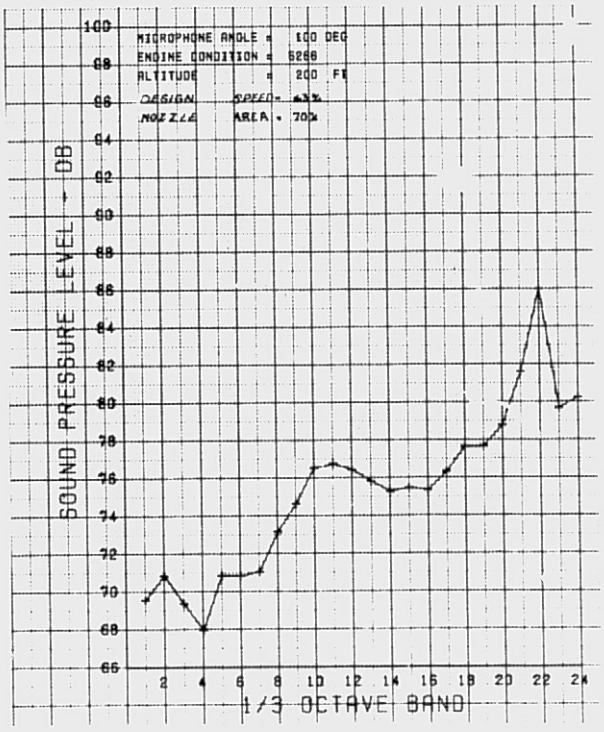

MICROPHONE ANGLE = 105 DEG
ENGINE CONDITION = 5265
ALTITUDE = 200 FT
DESIGN SPEED = 63%
NOZZLE AREA = 73%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. A-32

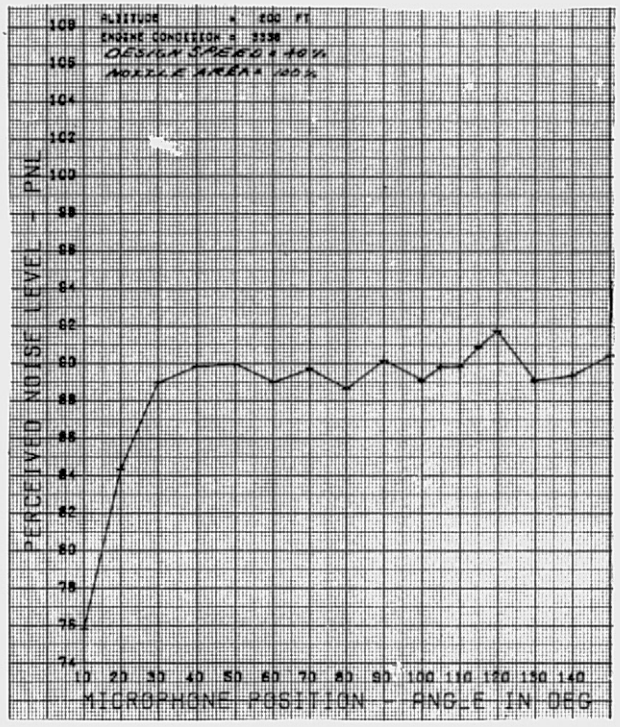

ALTITUDE = 200 FT
ENGINE CONDITION = 5266
DESIGN SPEED = 63%
NOZZLE AREA = 70%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

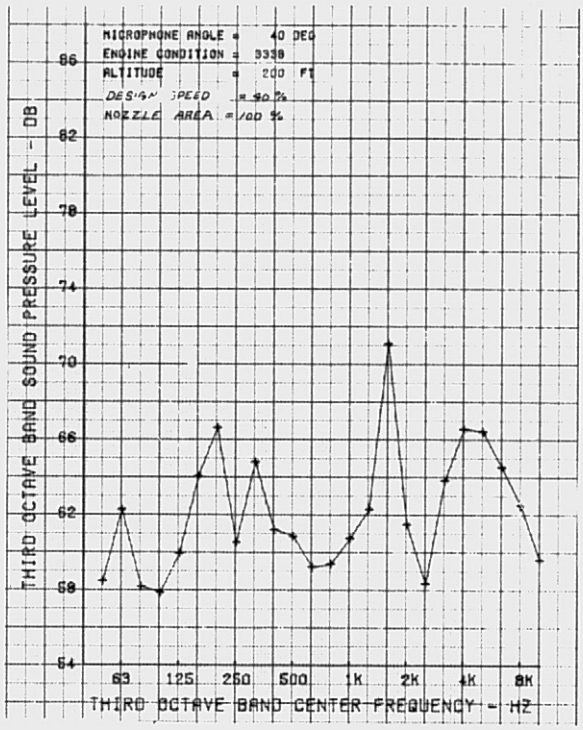

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 5266
ALTITUDE = 200 FT
DESIGN SPEED = 63%
NOZZLE AREA = 70%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

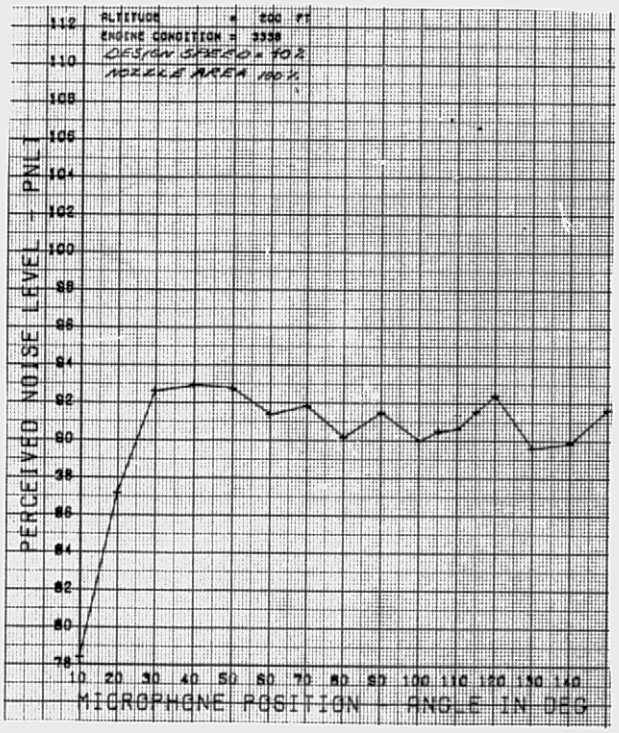

ALTITUDE = 200 FT
ENGINE CONDITION = 5266
DESIGN SPEED = 63%
NOZZLE AREA = 70%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

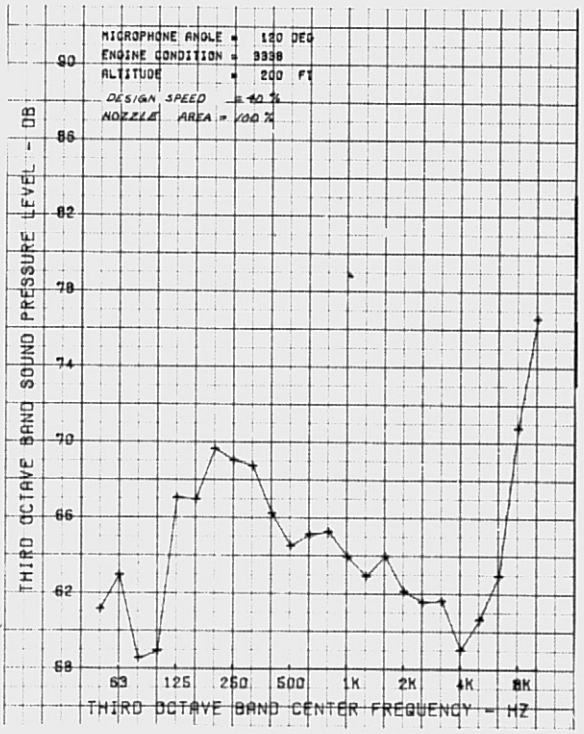

MICROPHONE ANGLE = 100 DEG
ENGINE CONDITION = 5266
ALTITUDE = 200 FT
DESIGN SPEED = 63%
NOZZLE AREA = 70%
SOUND PRESSURE LEVEL - DB
1/3 OCTAVE BAND

Point No. B(a)-1

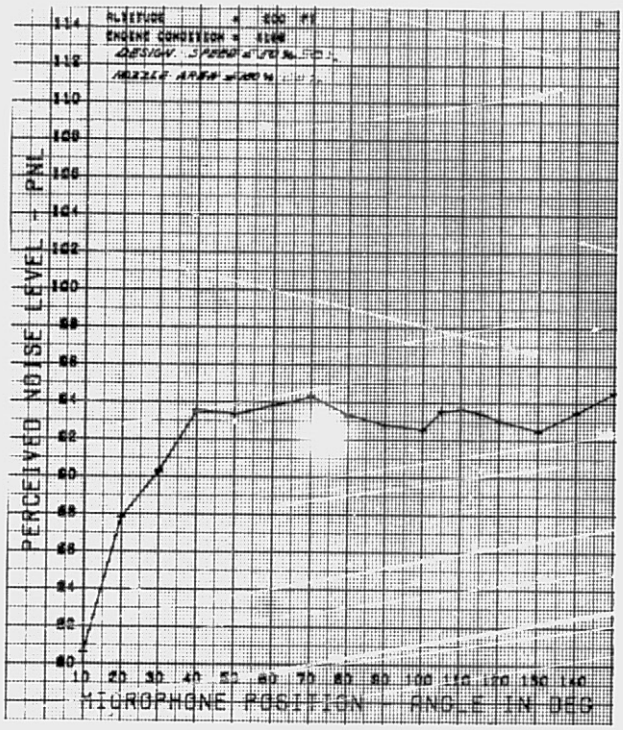

ALTITUDE = 200 FT
ENGINE CONDITION = 9338
DESIGN SPEED = 40 %
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

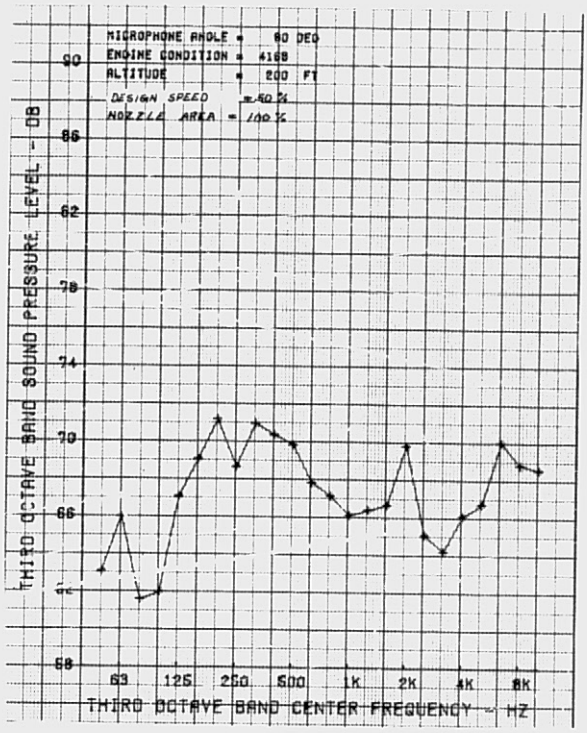

MICROPHONE ANGLE = 40 DEG
ENGINE CONDITION = 9338
ALTITUDE = 200 FT
DESIGN SPEED = 40 %
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

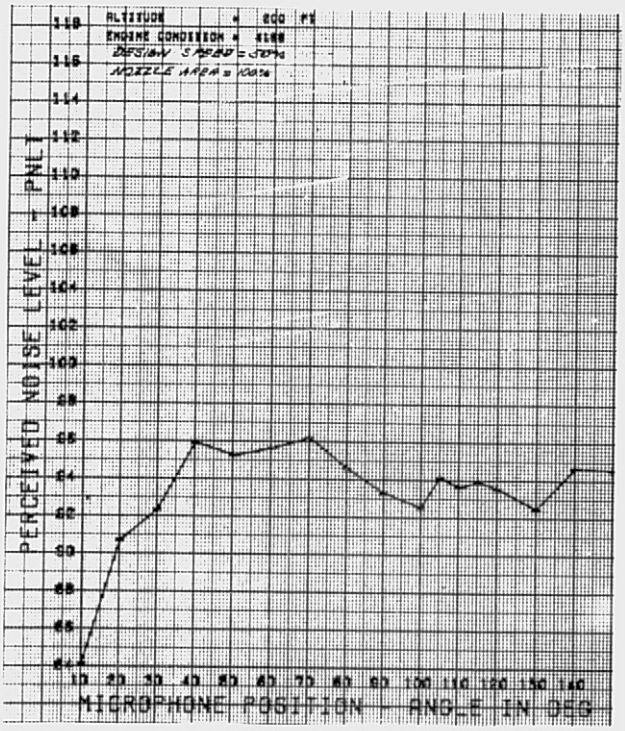

ALTITUDE = 200 FT
ENGINE CONDITION = 9338
DESIGN SPEED = 40 %
NOZZLE AREA 100 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

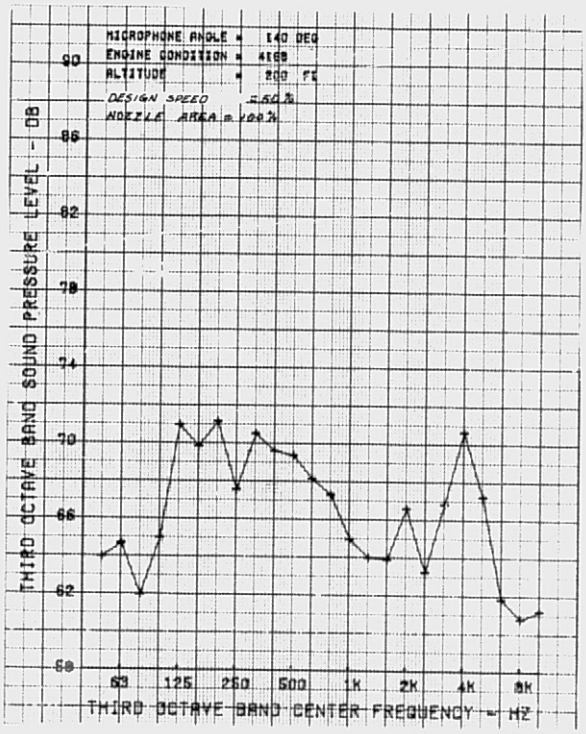

MICROPHONE ANGLE = 120 DEG
ENGINE CONDITION = 9338
ALTITUDE = 200 FT
DESIGN SPEED = 40 %
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. B(2)-2

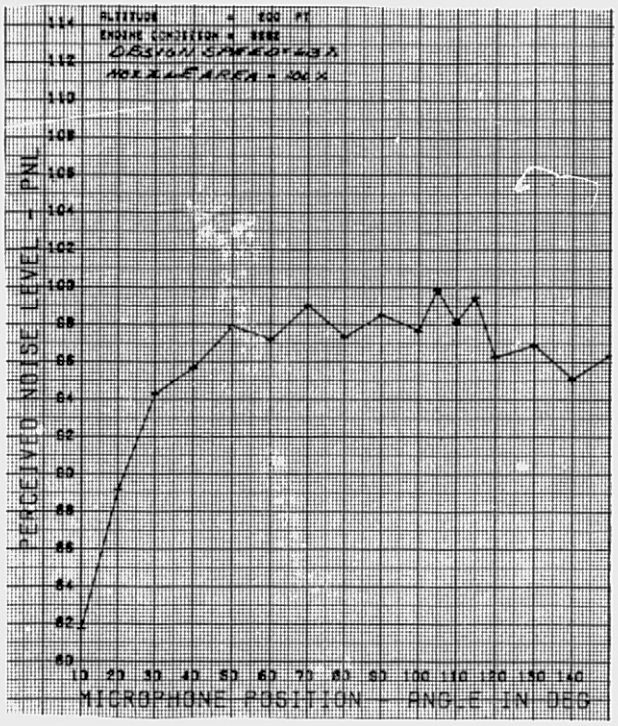

PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

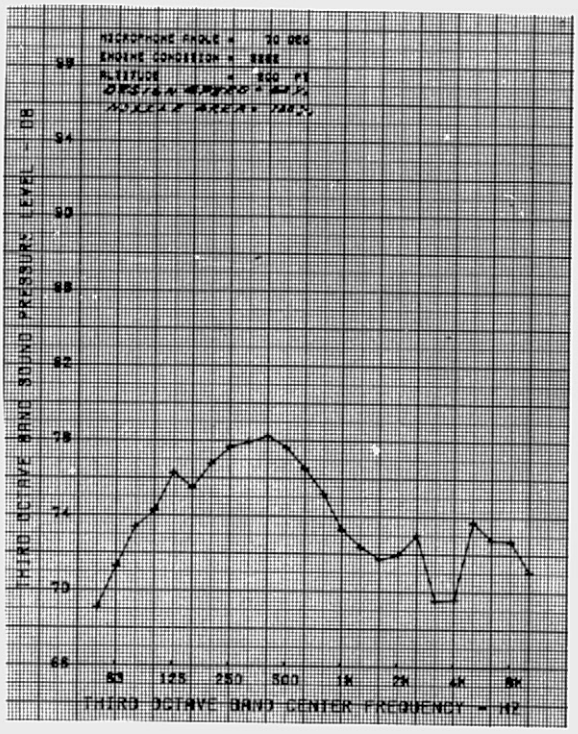

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 4168
ALTITUDE = 200 FT
DESIGN SPEED = 50 %
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
63 125 250 500 1K 2K 4K 8K
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

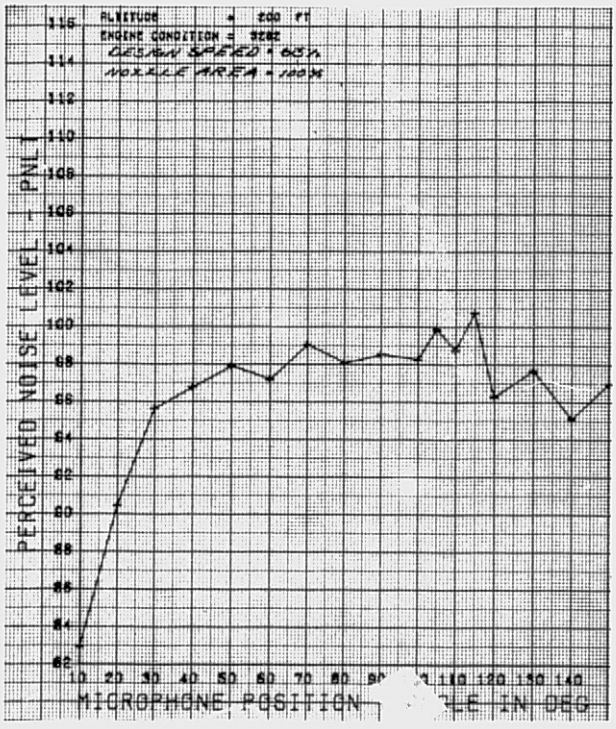

PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

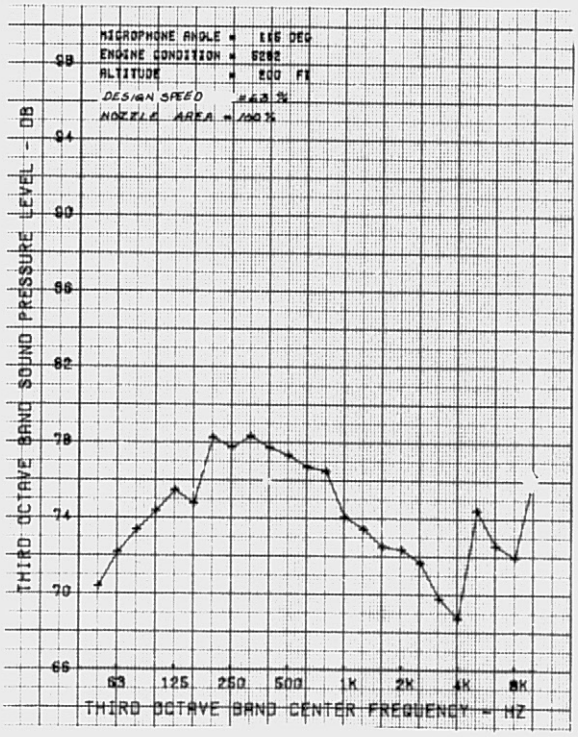

MICROPHONE ANGLE = 140 DEG
ENGINE CONDITION = 4168
ALTITUDE = 200 FT
DESIGN SPEED = 50 %
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
63 125 250 500 1K 2K 4K 8K
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. B(a)-3



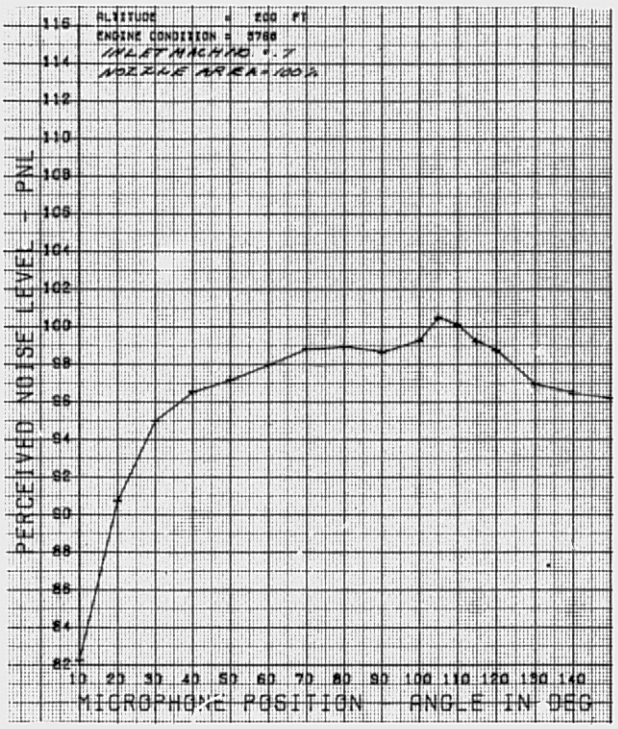


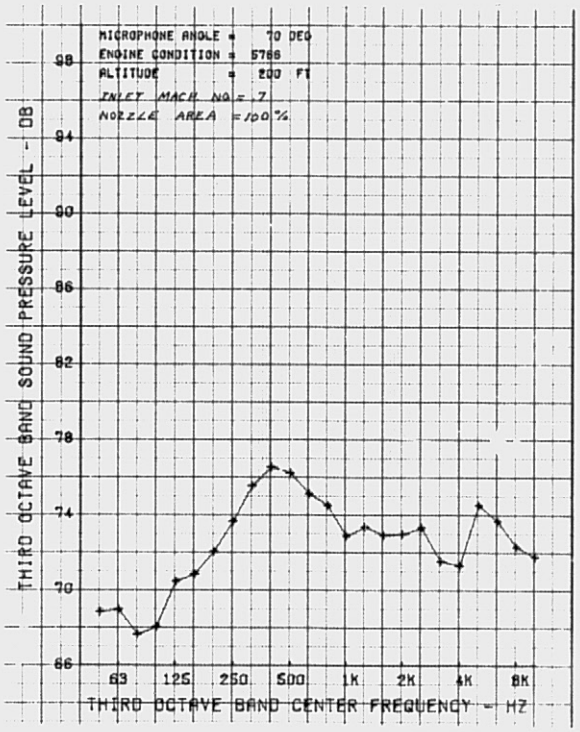


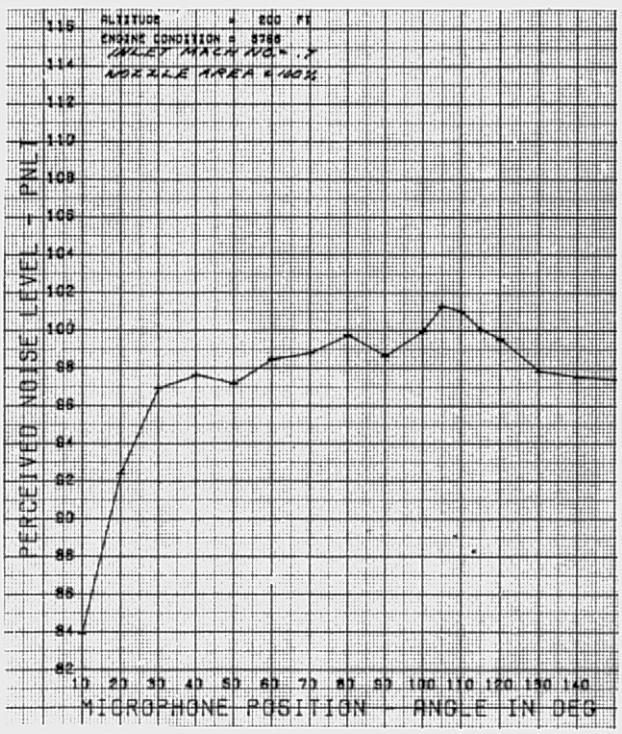


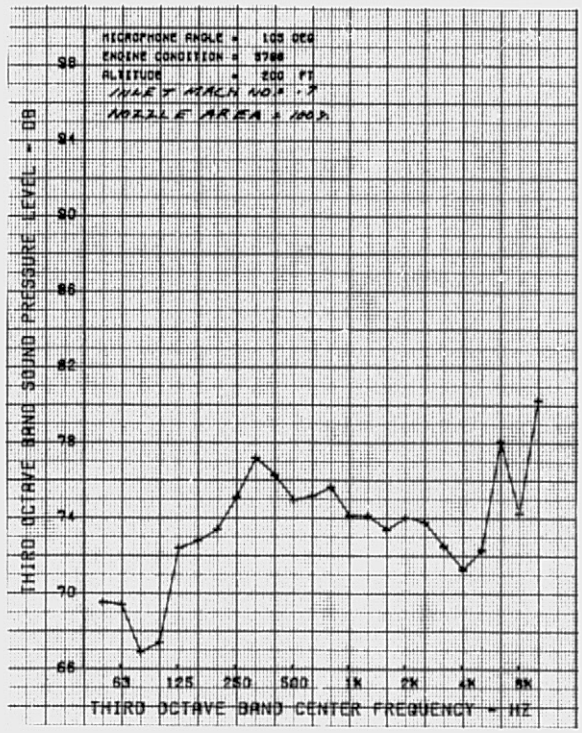
REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. B(a)-4

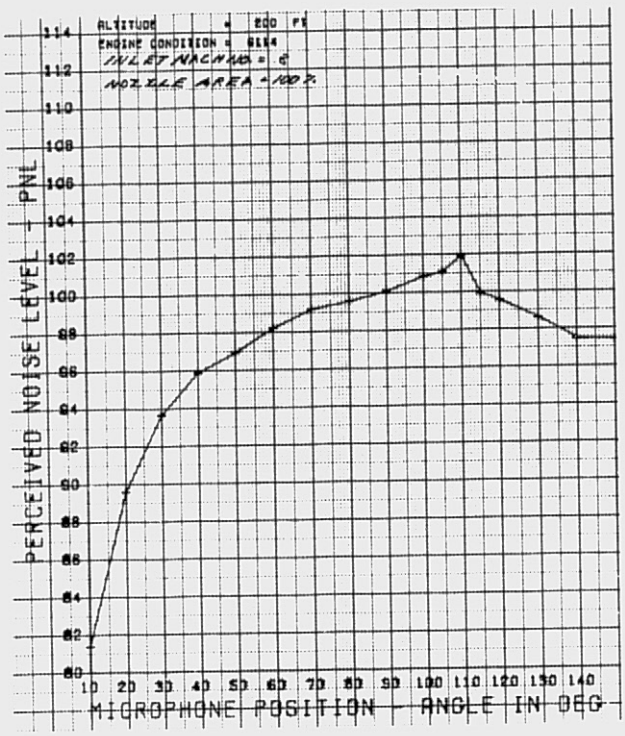

ALTITUDE = 200 FT
ENGINE CONDITION = 5766
INLET MACH NO = .7
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

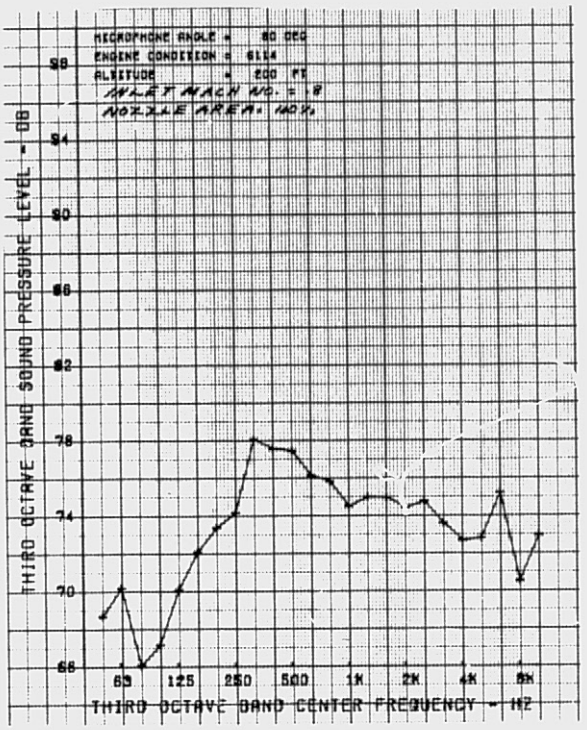

MICROPHONE ANGLE = 70 DEG
ENGINE CONDITION = 5766
ALTITUDE = 200 FT
INLET MACH NO = .7
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

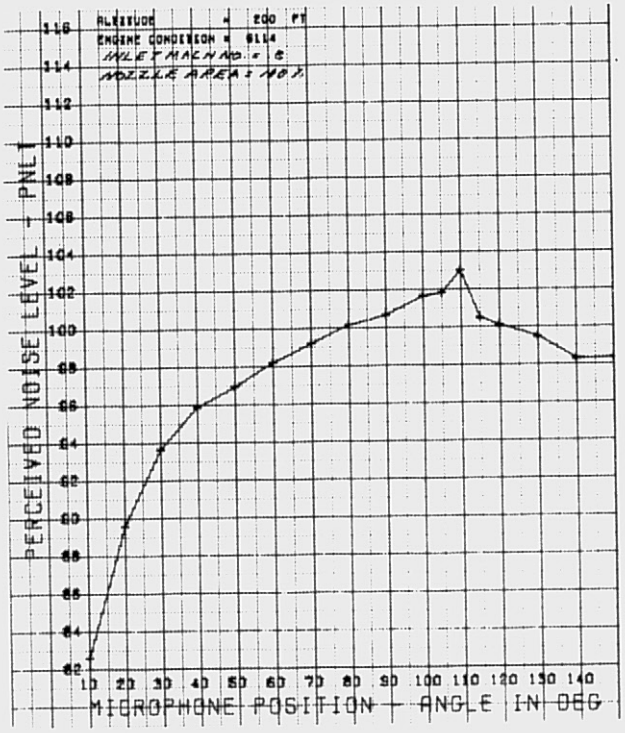

ALTITUDE = 200 FT
ENGINE CONDITION = 5766
INLET MACH NO. = .7
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

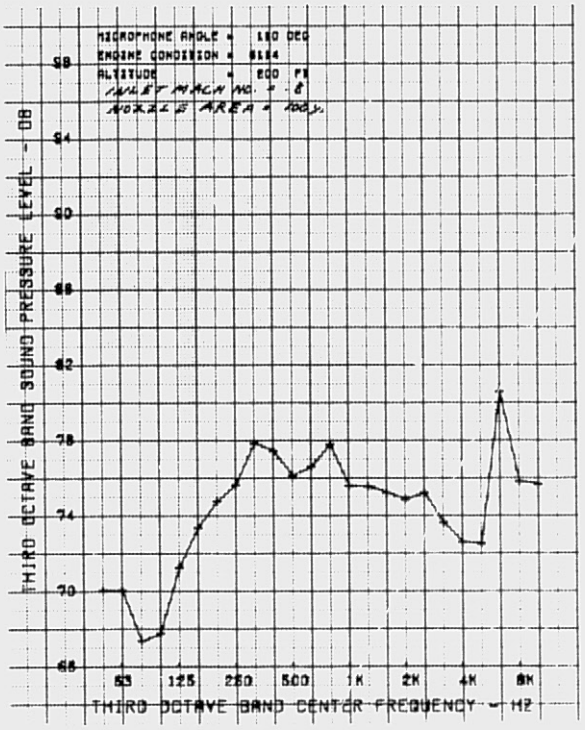

MICROPHONE ANGLE = 105 DEG
ENGINE CONDITION = 5766
ALTITUDE = 200 FT
INLET MACH NO. = .7
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. B(a)-5

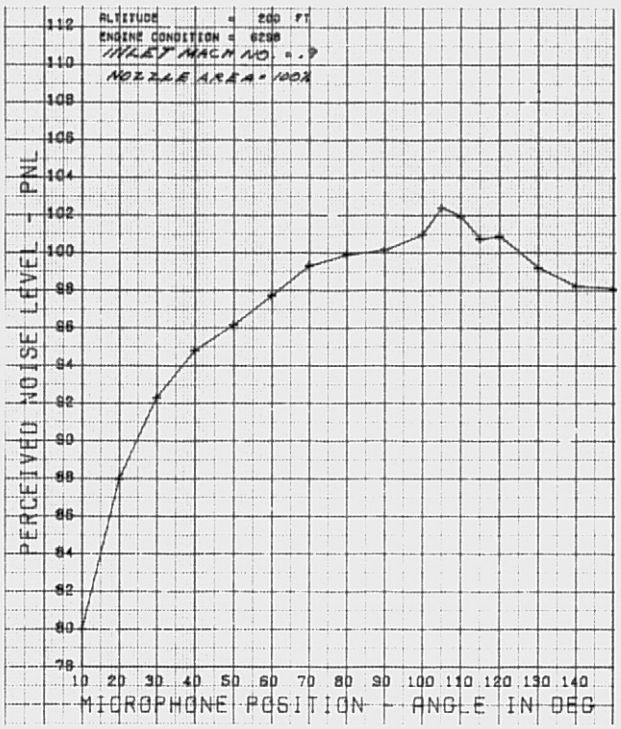

ALTITUDE = 200 FT
ENGINE CONDITION = 8114
INLET MACH NO. = .8
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

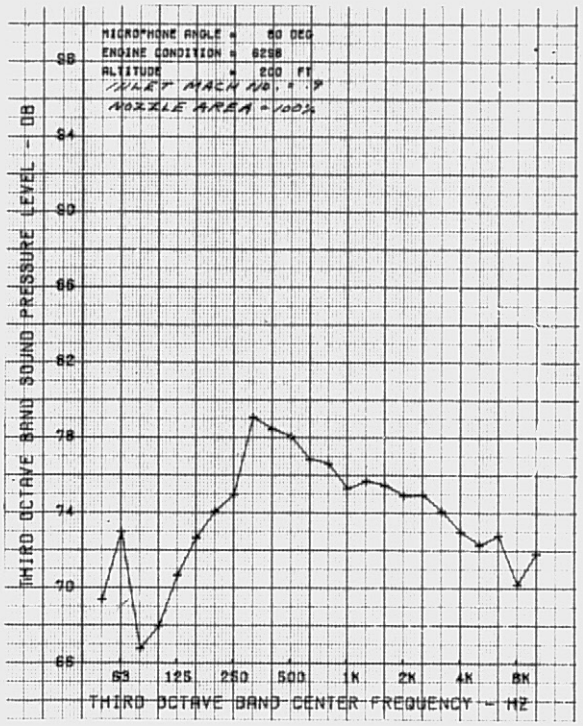

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 8114
ALTITUDE = 200 FT
INLET MACH NO. = .8
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

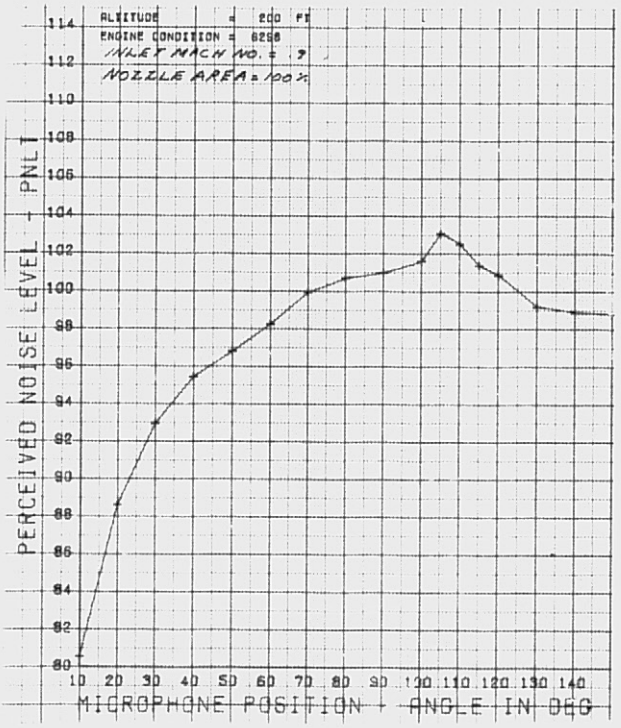

ALTITUDE = 200 FT
ENGINE CONDITION = 8114
INLET MACH NO. = .8
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

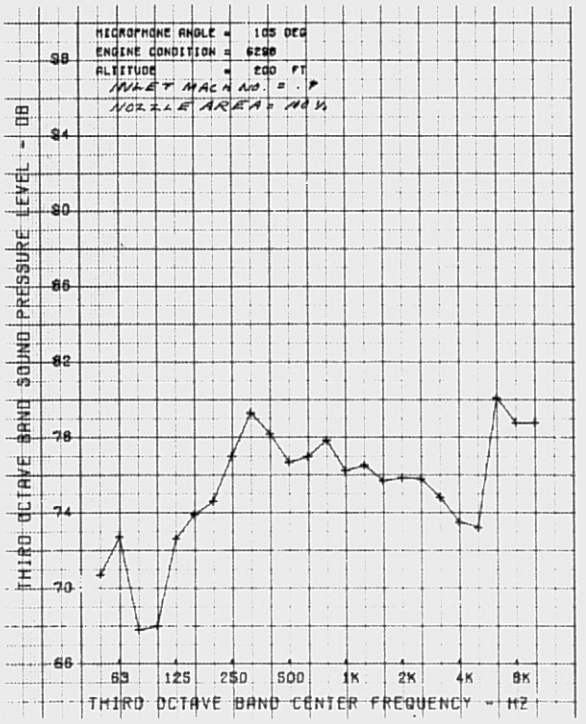

MICROPHONE ANGLE = 120 DEG
ENGINE CONDITION = 8114
ALTITUDE = 200 FT
INLET MACH NO. = .8
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. B(a)-6

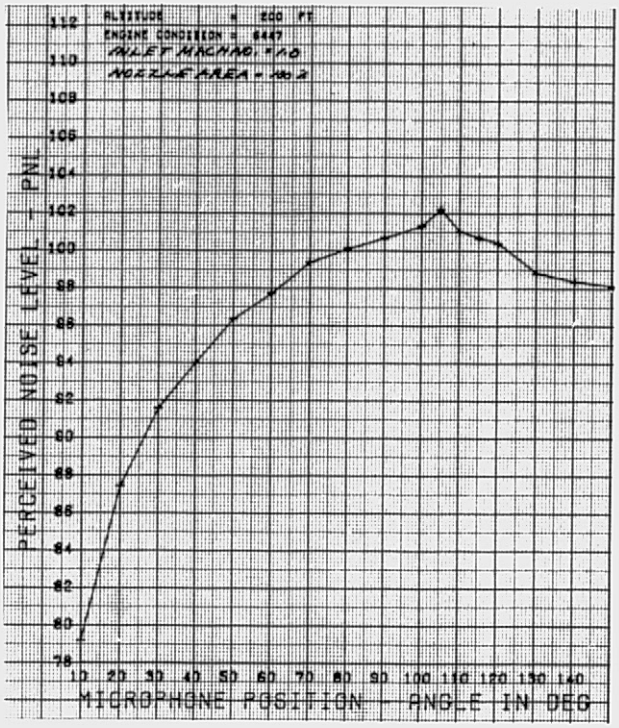

ALTITUDE = 200 FT
ENGINE CONDITION = 6298
INLET MACH NO. = .9
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL + PNL
MICROPHONE POSITION - ANGLE IN DEG

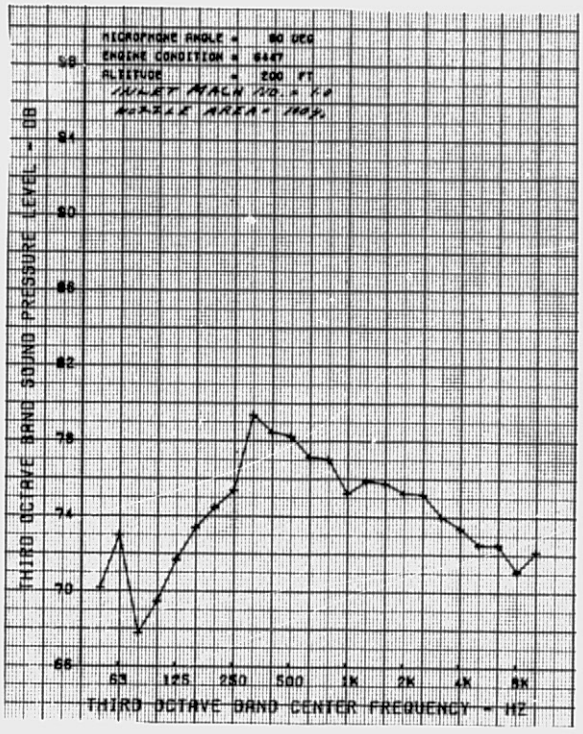

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 6298
ALTITUDE = 200 FT
INLET MACH NO. = .9
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

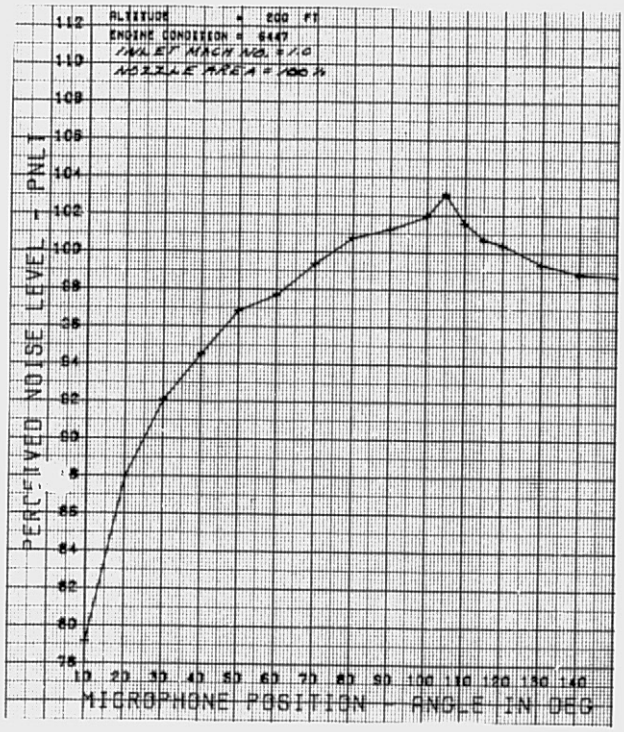

ALTITUDE = 200 FT
ENGINE CONDITION = 6298
INLET MACH NO. = .9
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL + PNLT
MICROPHONE POSITION - ANGLE IN DEG

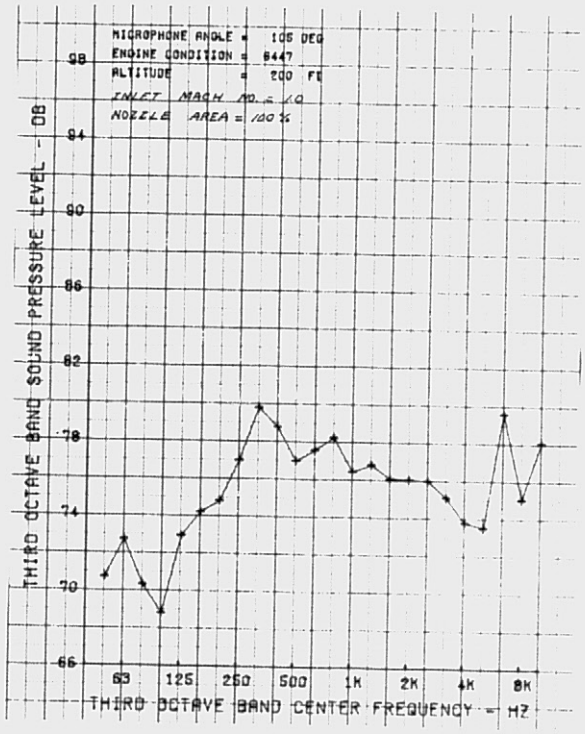

MICROPHONE ANGLE = 105 DEG
ENGINE CONDITION = 6298
ALTITUDE = 200 FT
INLET MACH NO. = .9
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. B(a)-7

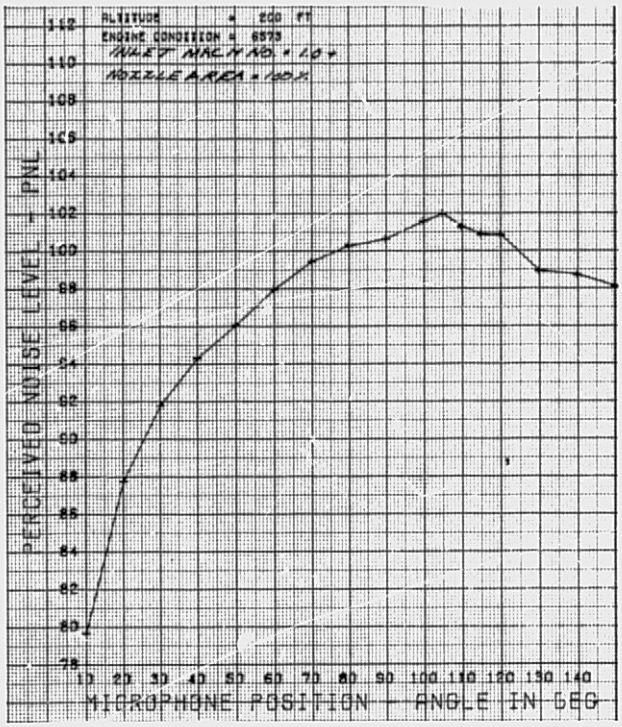

ALTITUDE = 200 FT
ENGINE CONDITION = 8447
INLET MACH NO. = 1.0
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

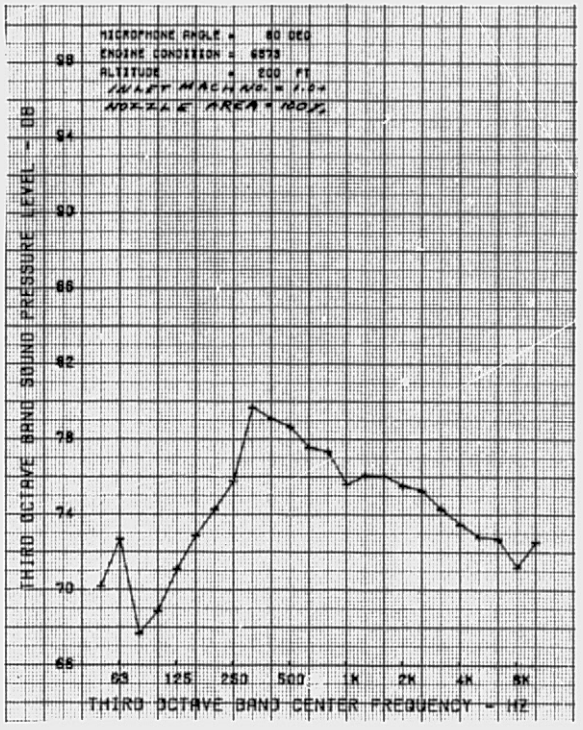

MICROPHONE ANGLE = 90 DEG
ENGINE CONDITION = 8447
ALTITUDE = 200 FT
INLET MACH NO. = 1.0
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

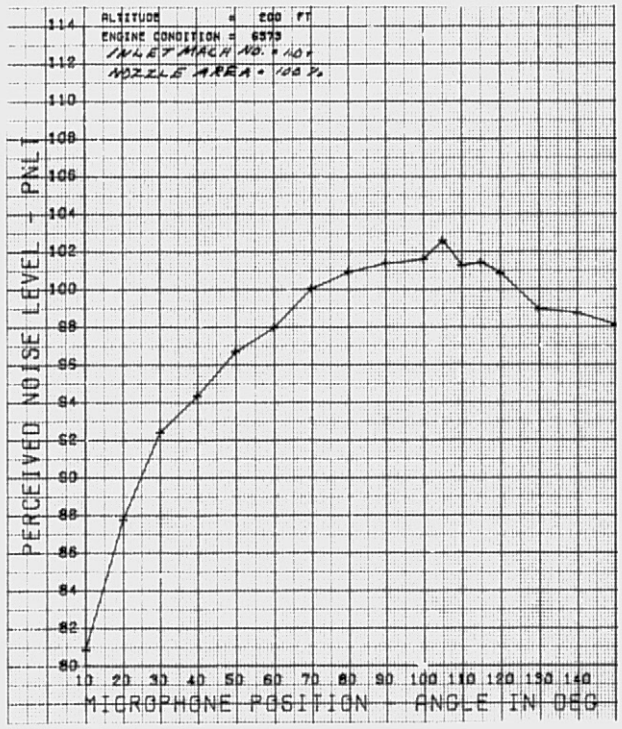

ALTITUDE = 200 FT
ENGINE CONDITION = 8447
INLET MACH NO. = 1.0
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

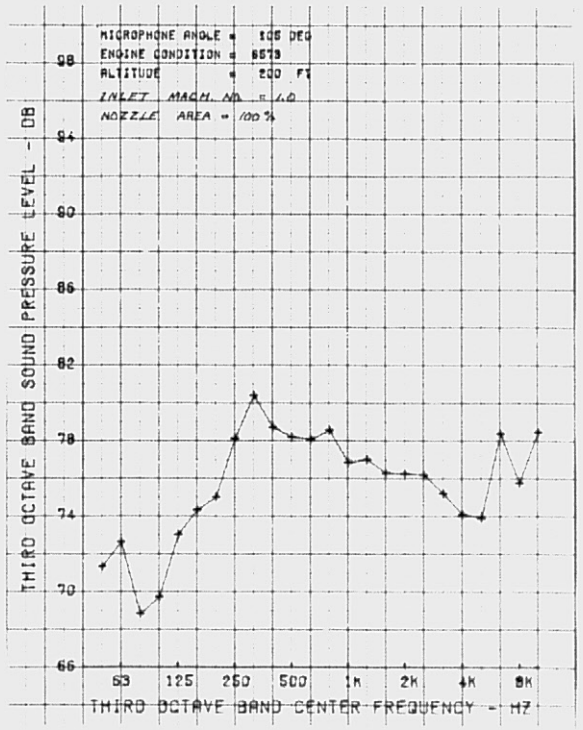

MICROPHONE ANGLE = 105 DEG
ENGINE CONDITION = 8447
ALTITUDE = 200 FT
INLET MACH NO. = 1.0
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. B(a)-8

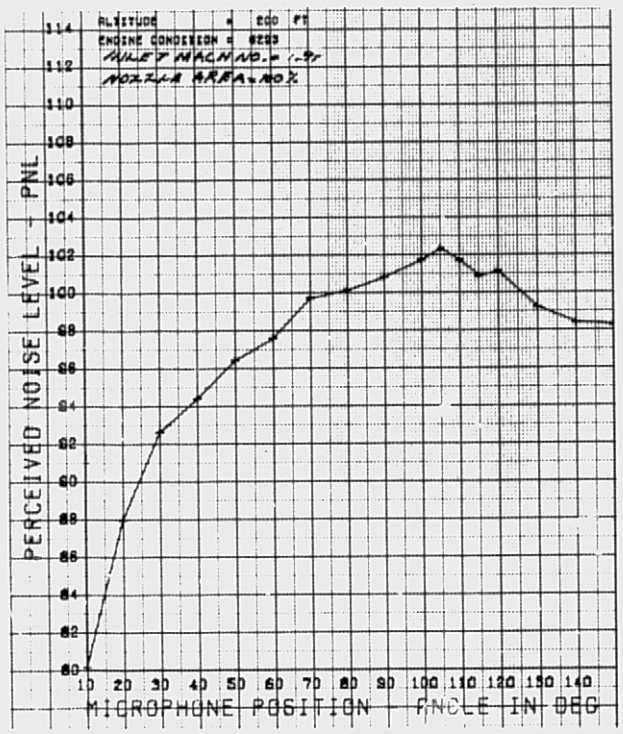

ALTITUDE = 200 FT
ENGINE CONDITION = 8573
INLET MACH NO. = 1.0
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

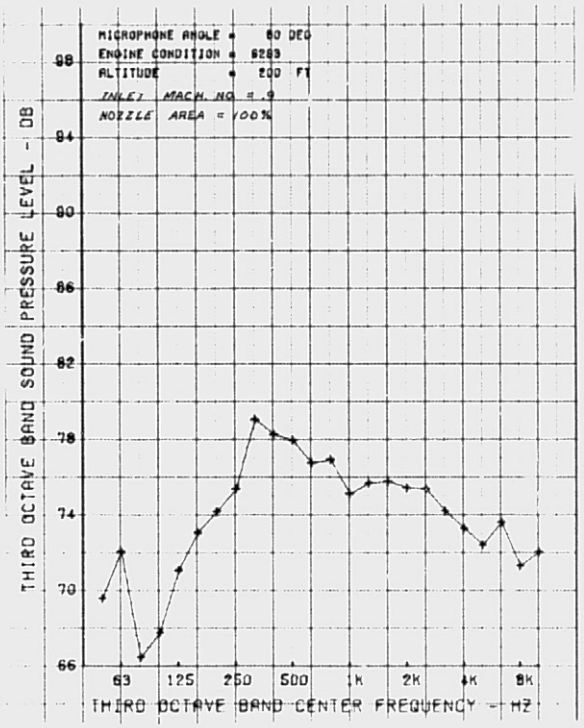

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 8573
ALTITUDE = 200 FT
INLET MACH NO. = 1.0
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

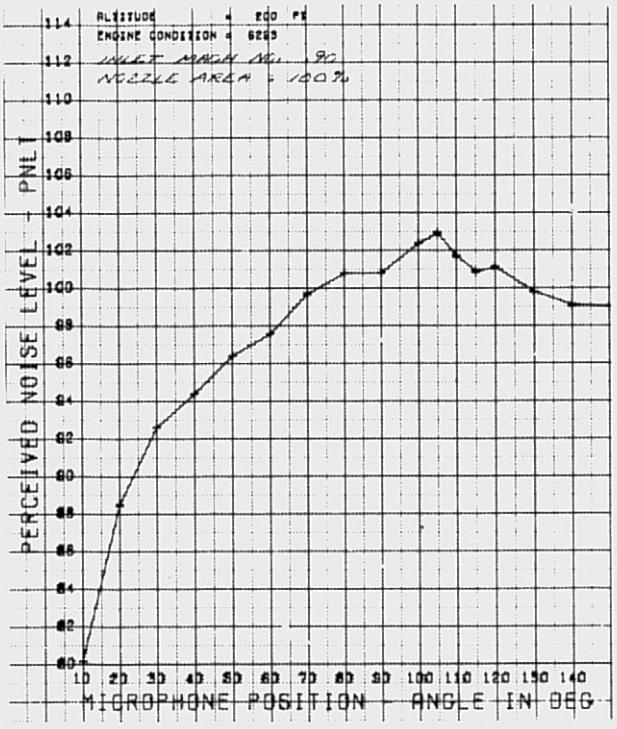

ALTITUDE = 200 FT
ENGINE CONDITION = 8573
INLET MACH NO. = 1.0
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

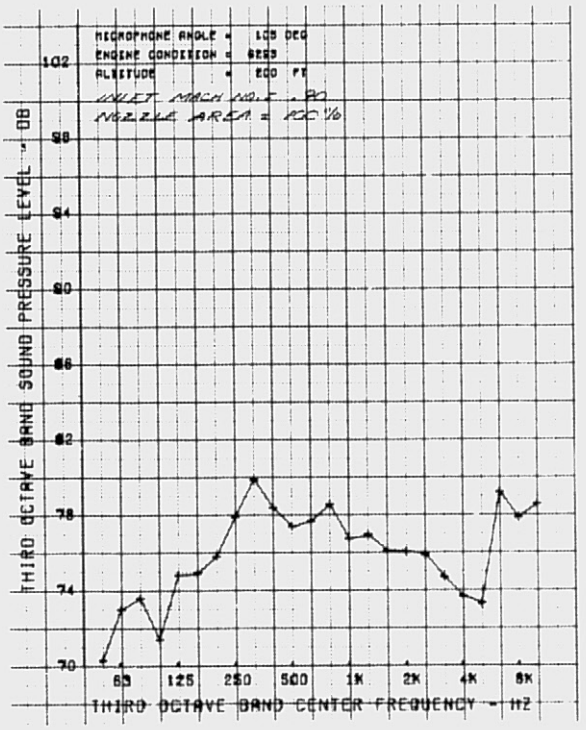

MICROPHONE ANGLE = 105 DEG
ENGINE CONDITION = 8573
ALTITUDE = 200 FT
INLET MACH NO. = 1.0
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. B(a)-9

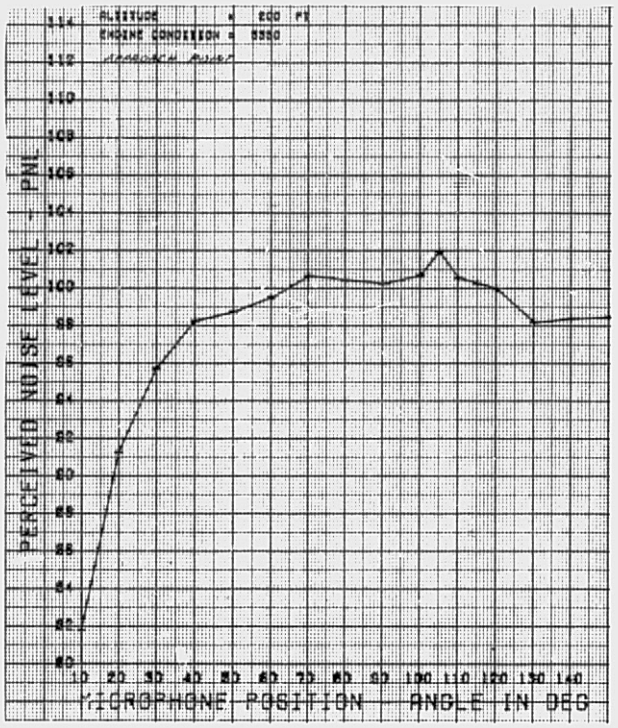

ALTITUDE = 200 FT
ENGINE CONDITION = 8283
INLET MACH NO. = .9
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

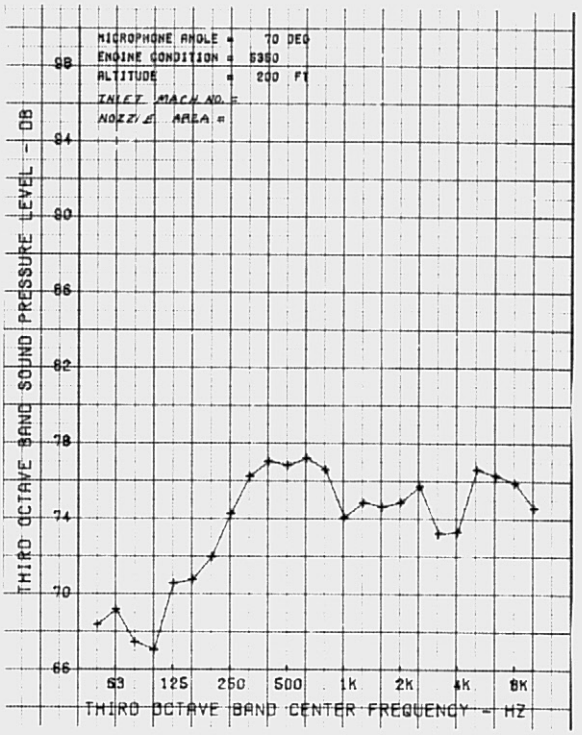

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 8283
ALTITUDE = 200 FT
INLET MACH NO. = .9
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

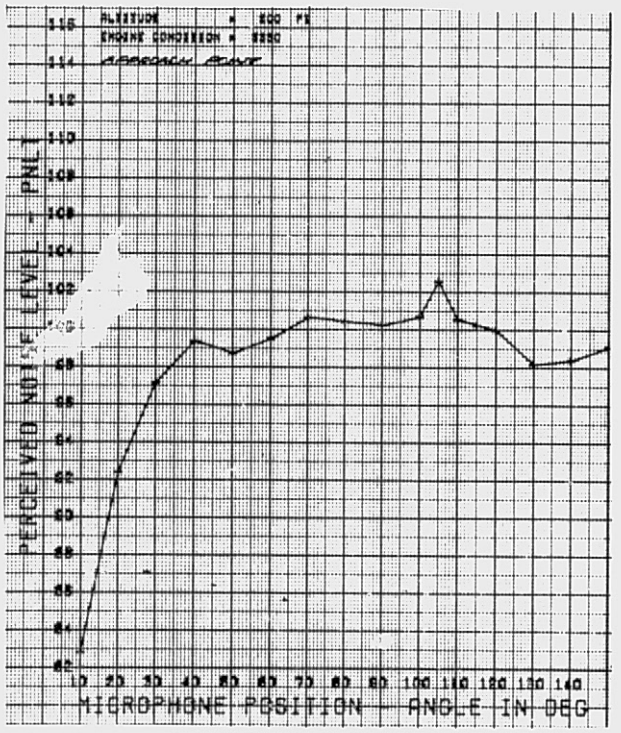

ALTITUDE = 200 FT
ENGINE CONDITION = 8283
INLET MACH NO. .90
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

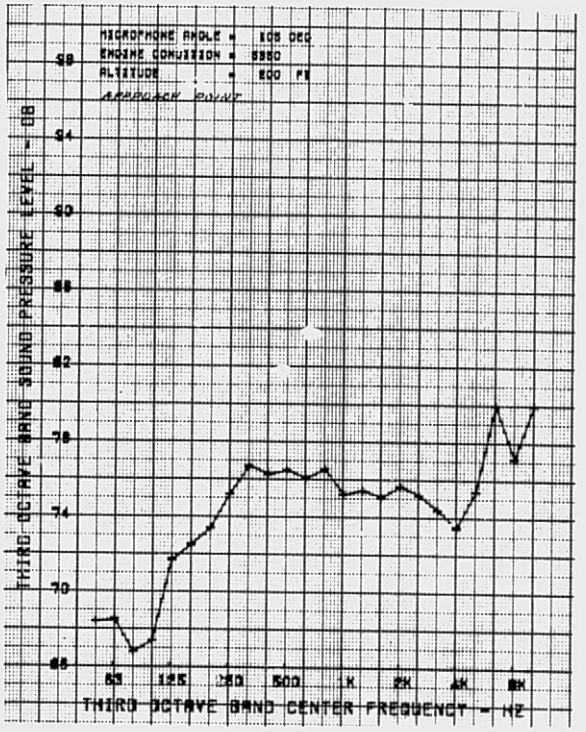

MICROPHONE ANGLE = 105 DEG
ENGINE CONDITION = 8283
ALTITUDE = 200 FT
INLET MACH NO. = .90
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. B(a)-10

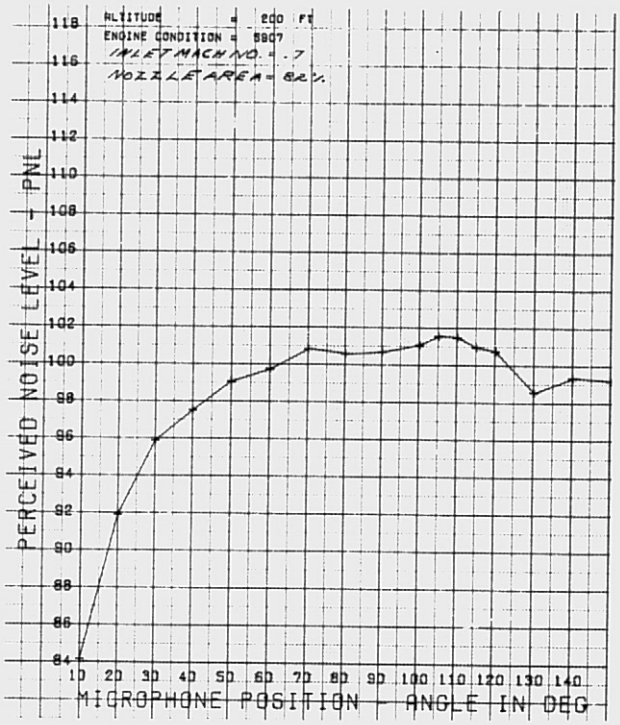


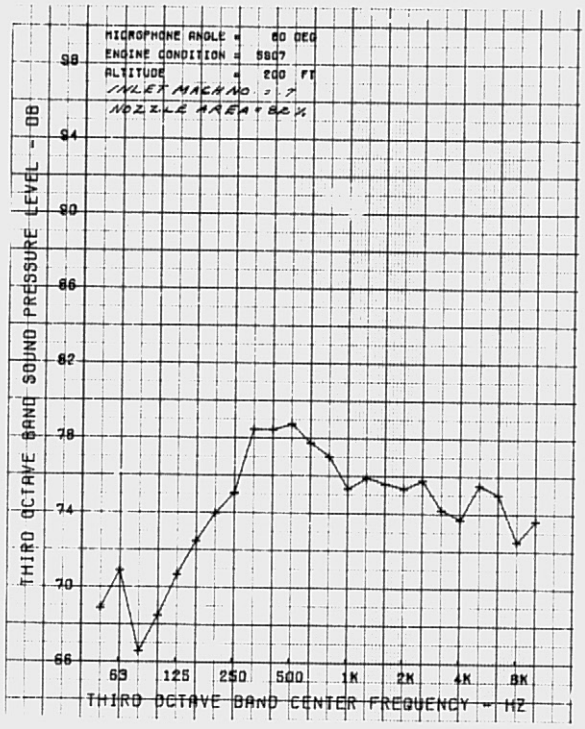


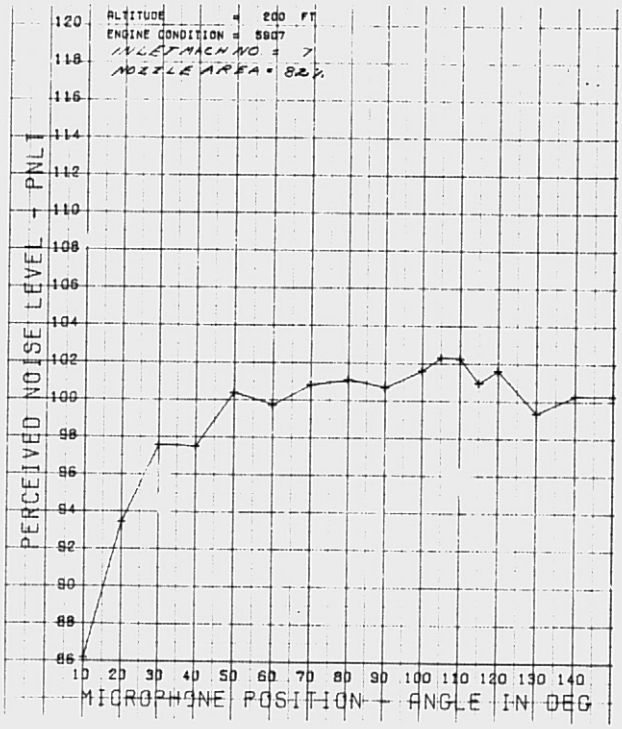


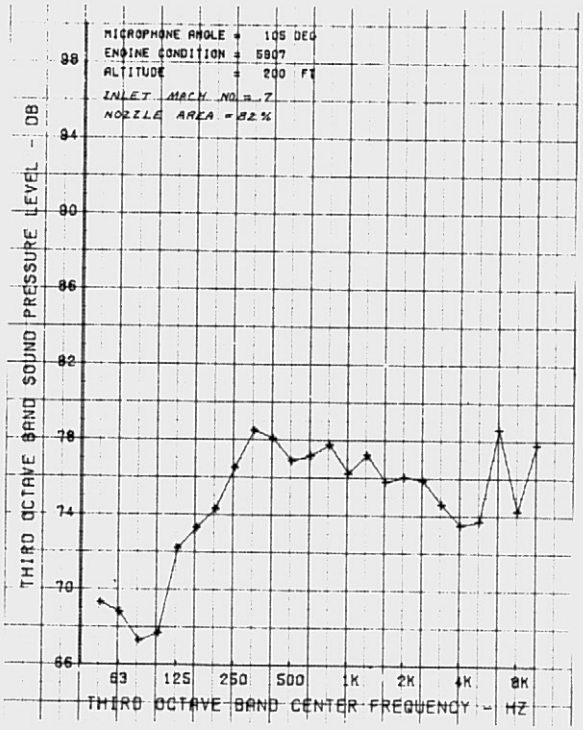


Point No. B(a)-11



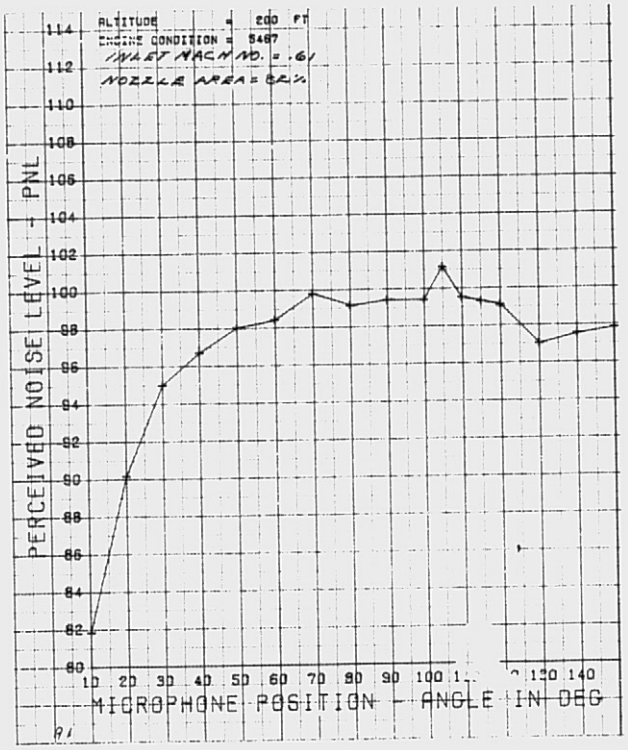


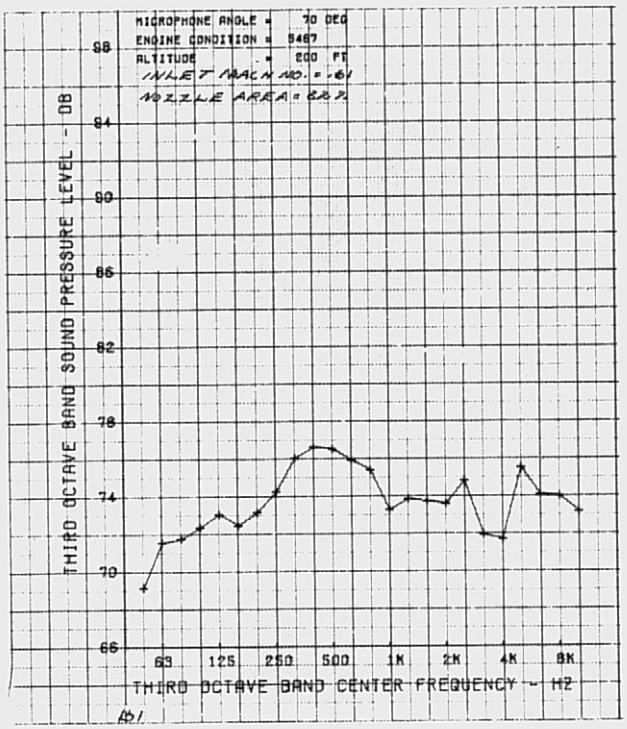


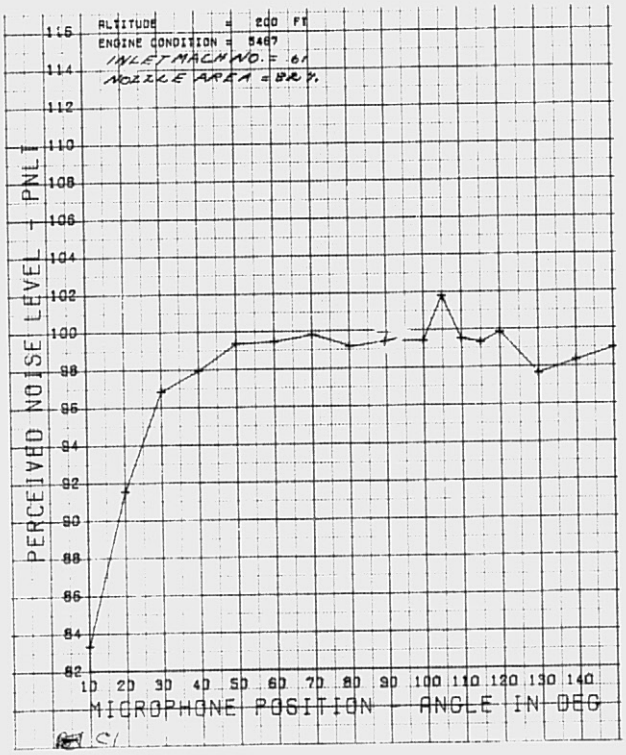


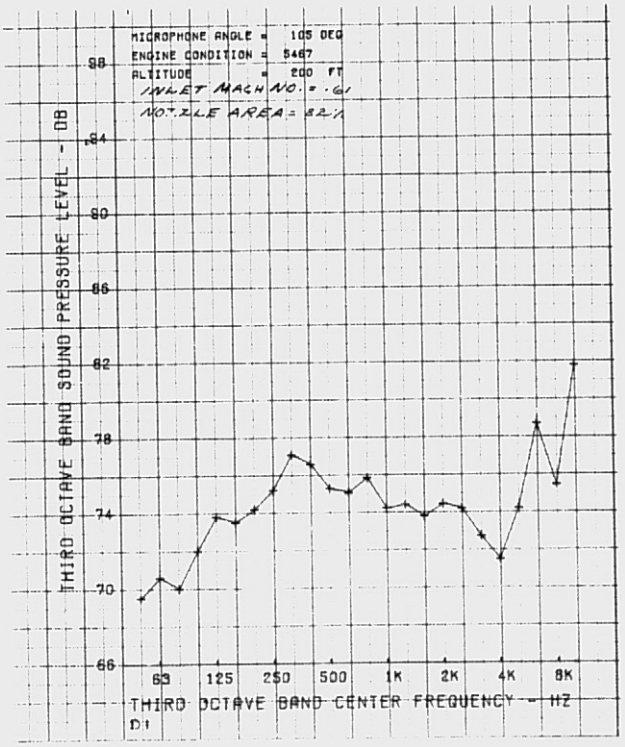
REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. B(a)-12

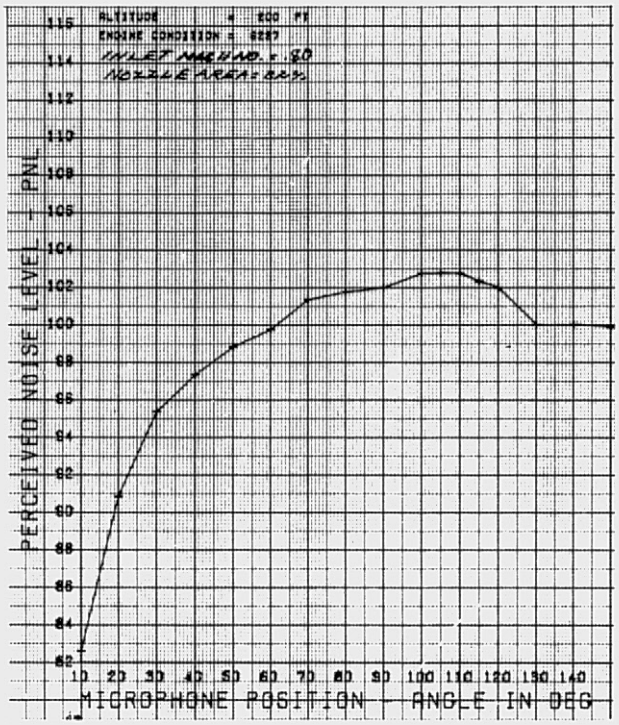


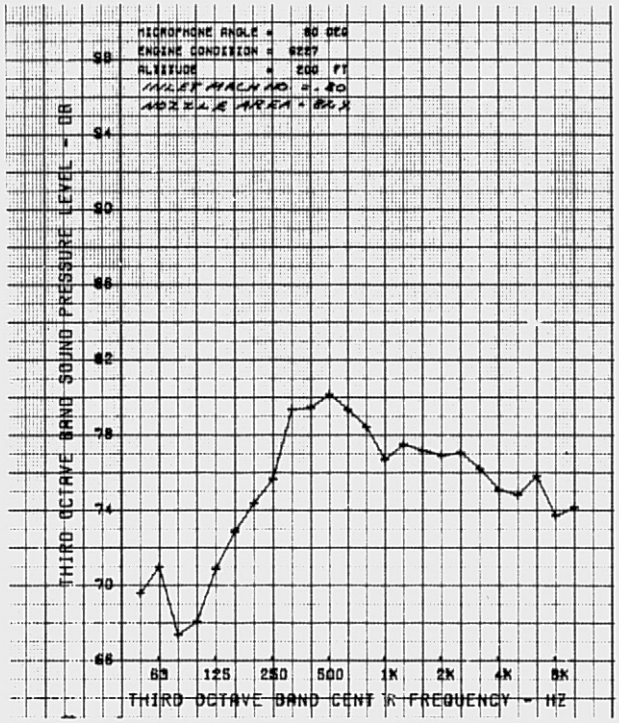


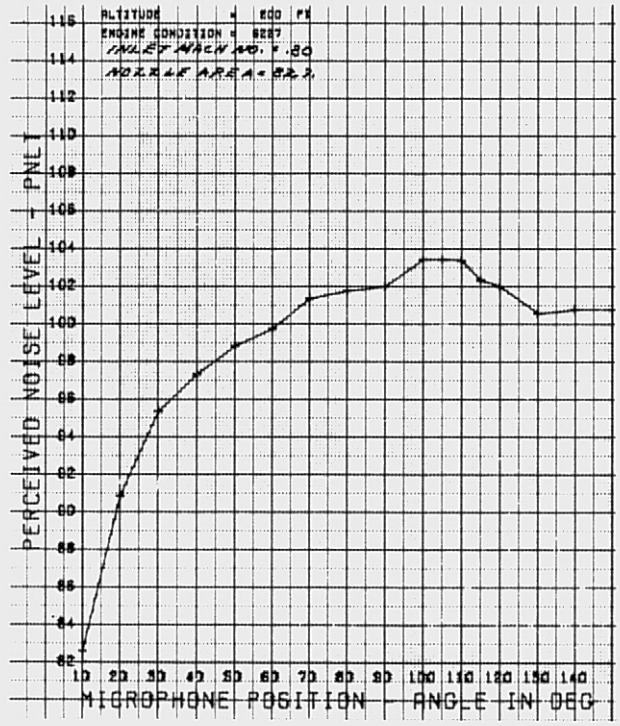


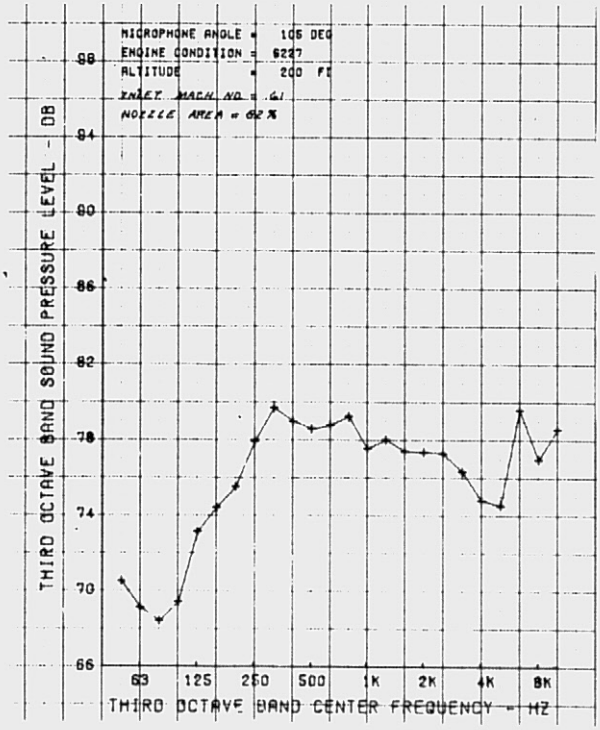


Point No. B(a)-13

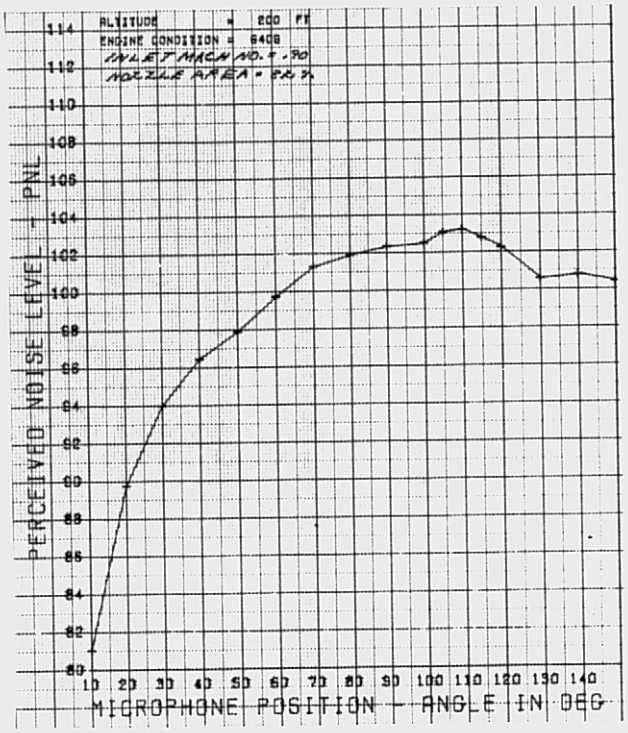


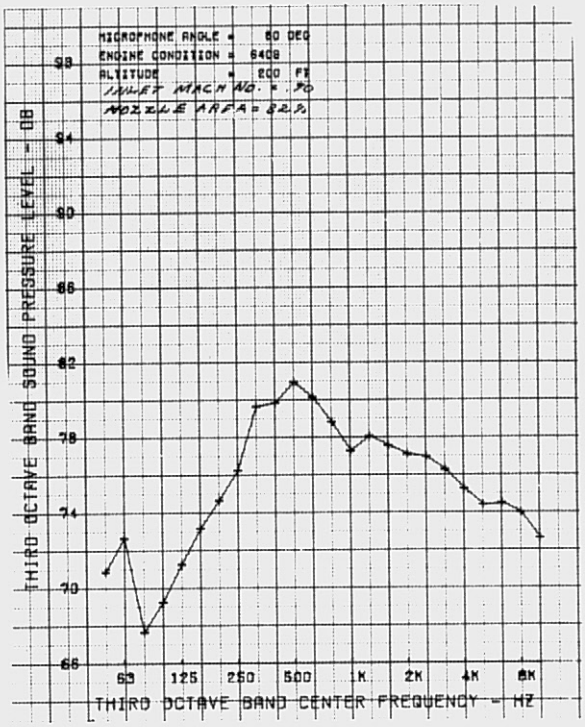


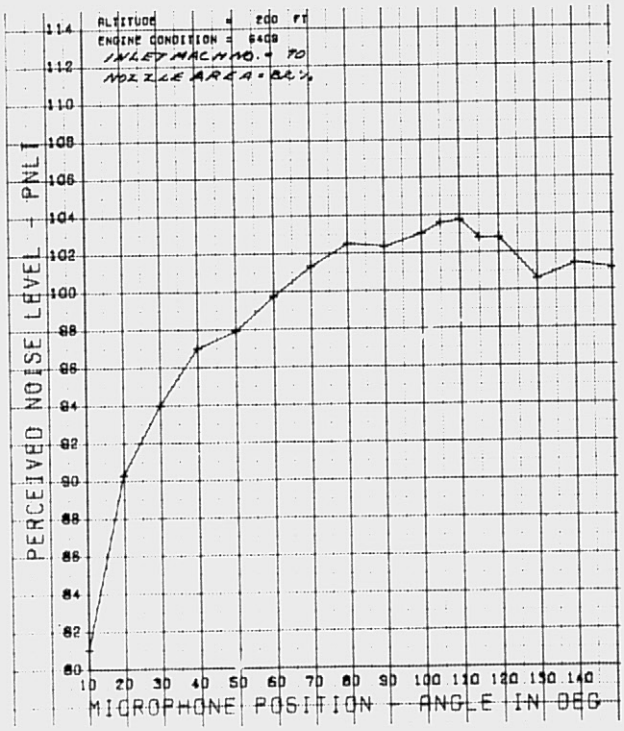


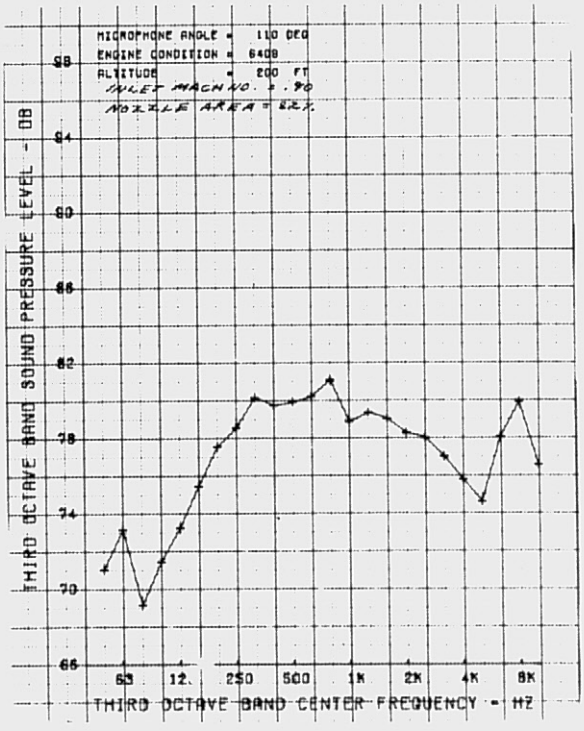


Point No. B(a)-14

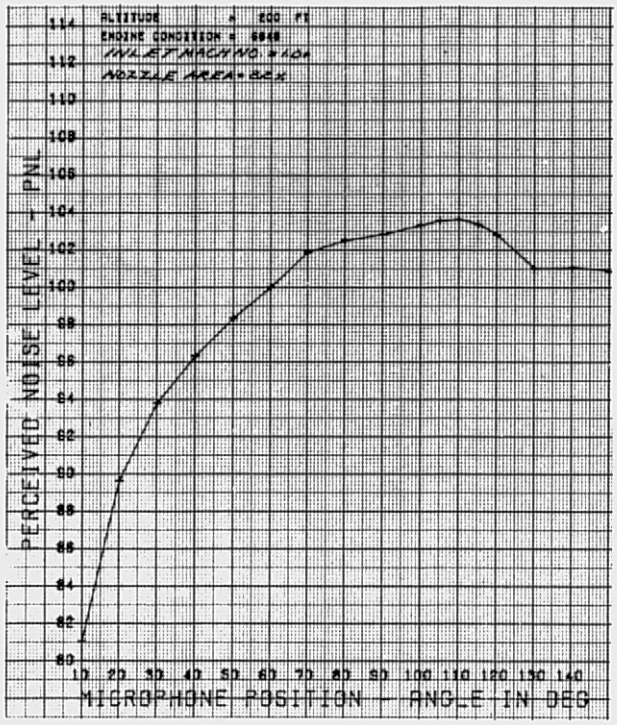


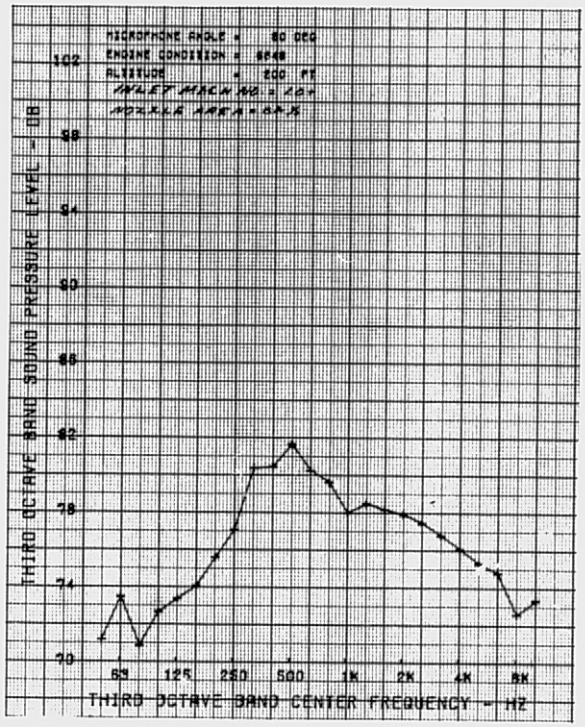


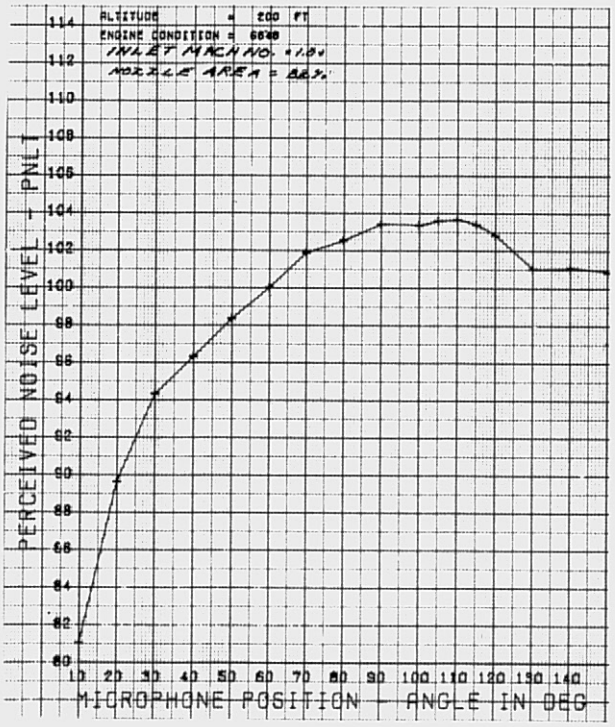


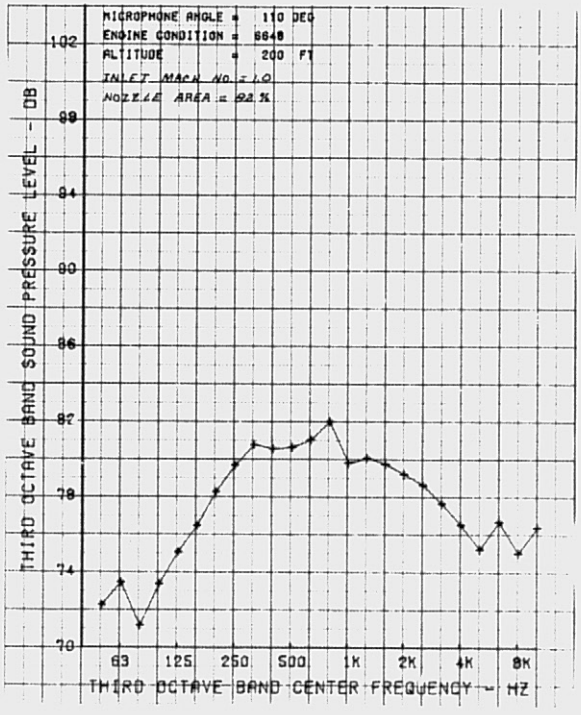


Point No. B(a)-16



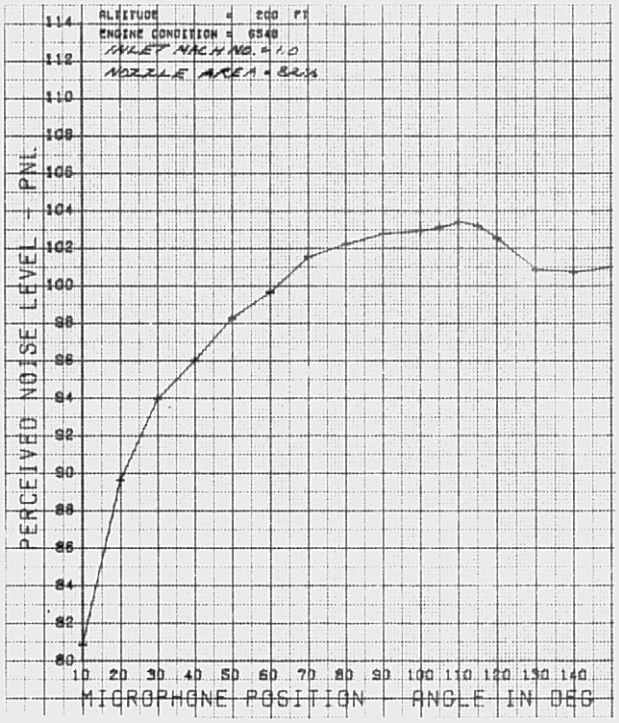


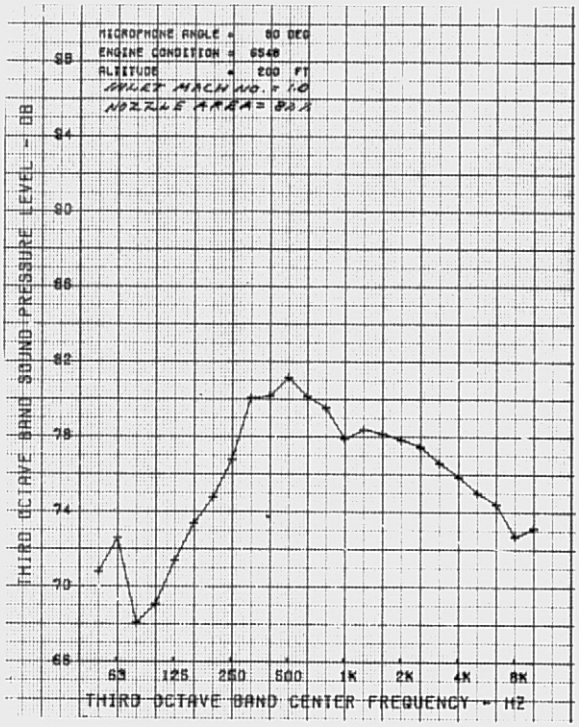


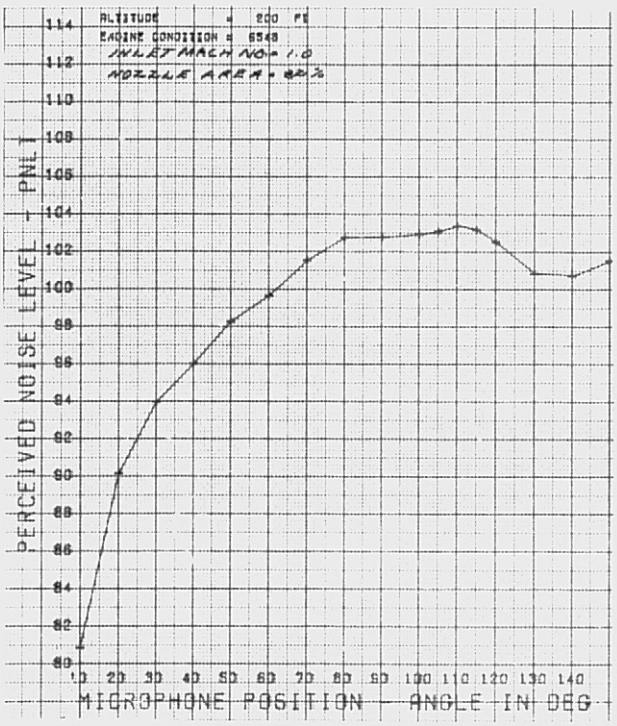


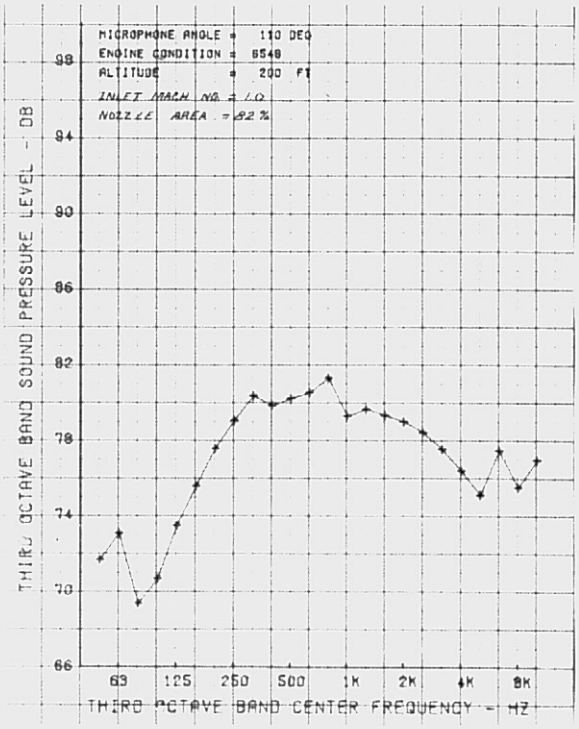
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Point No. B(a)-15

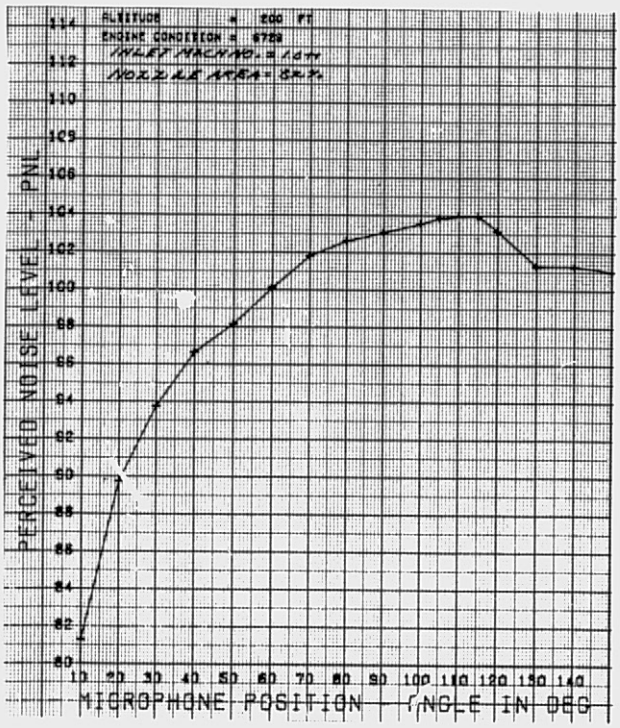


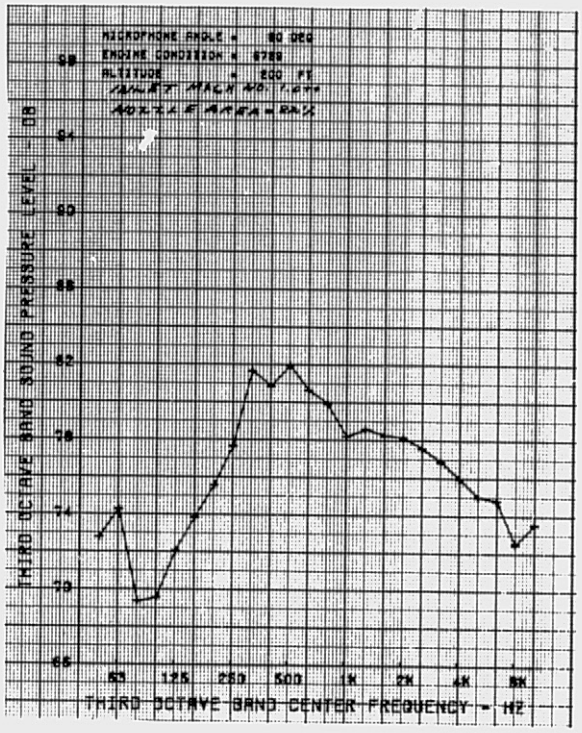


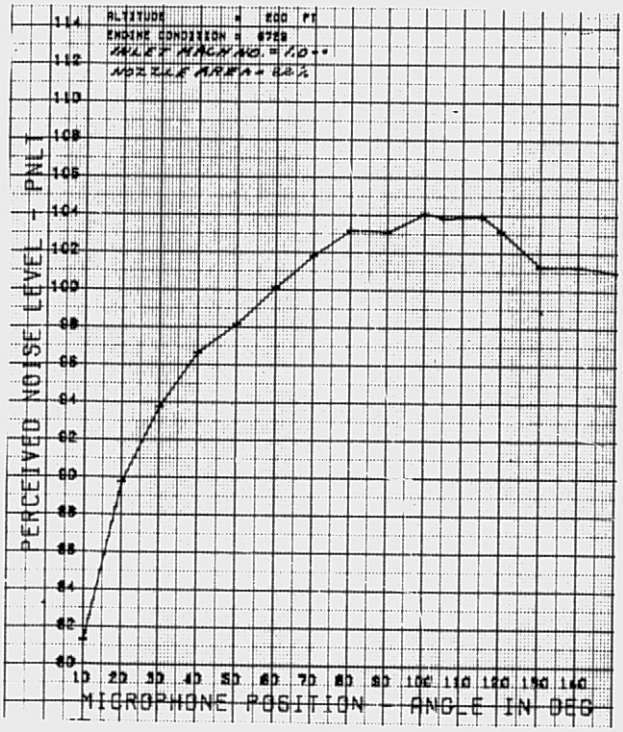


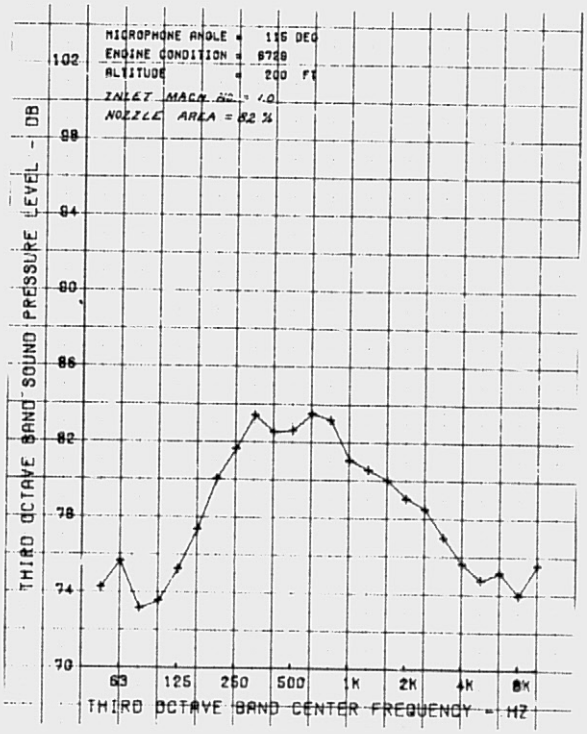


Point No. B(a)-17

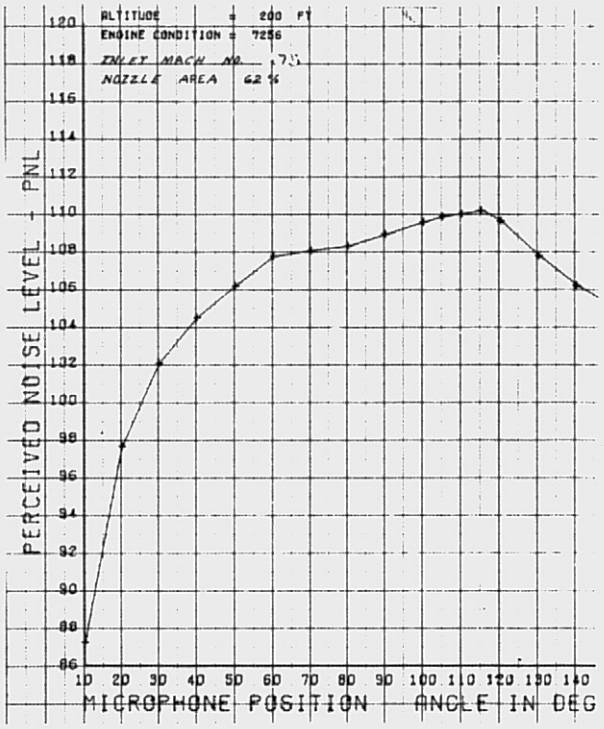


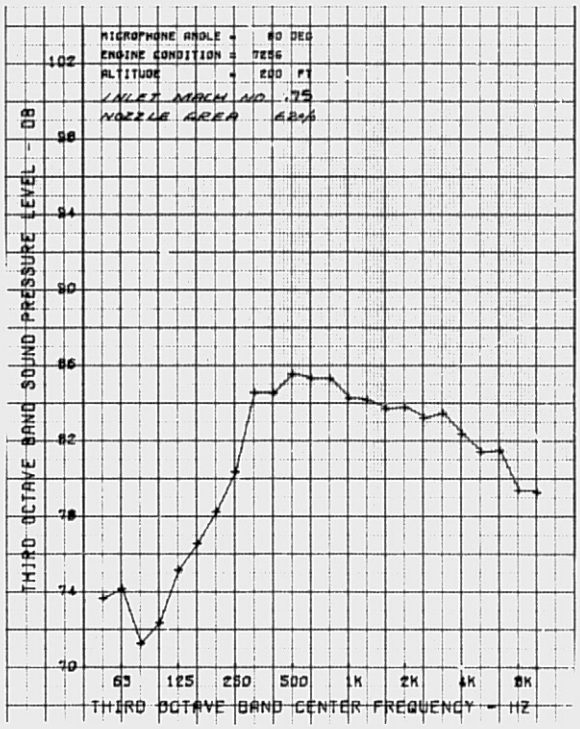


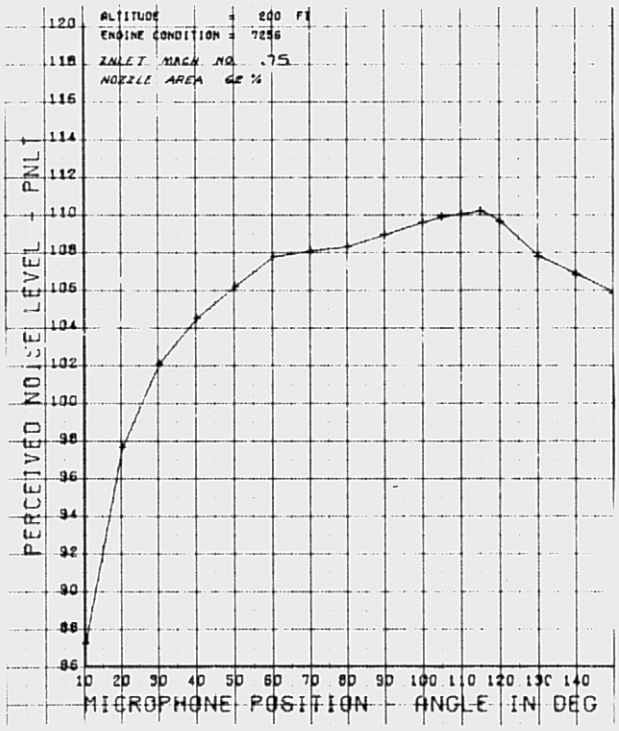


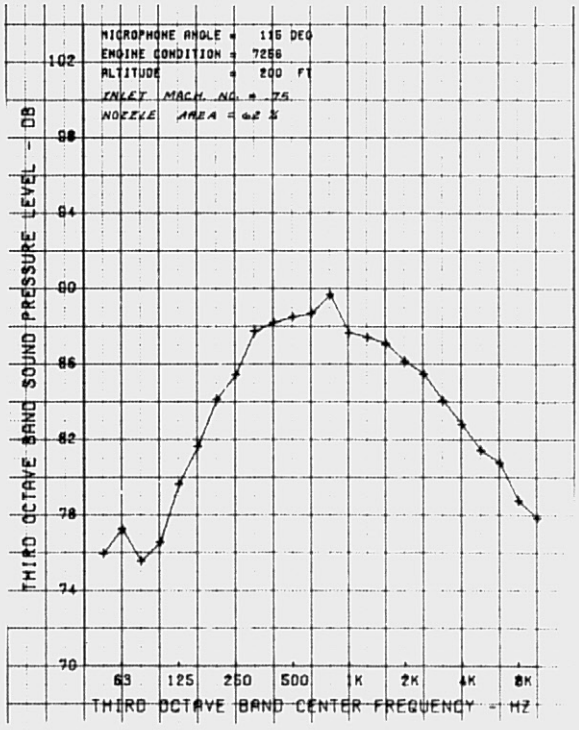


Point No. B(b)-18

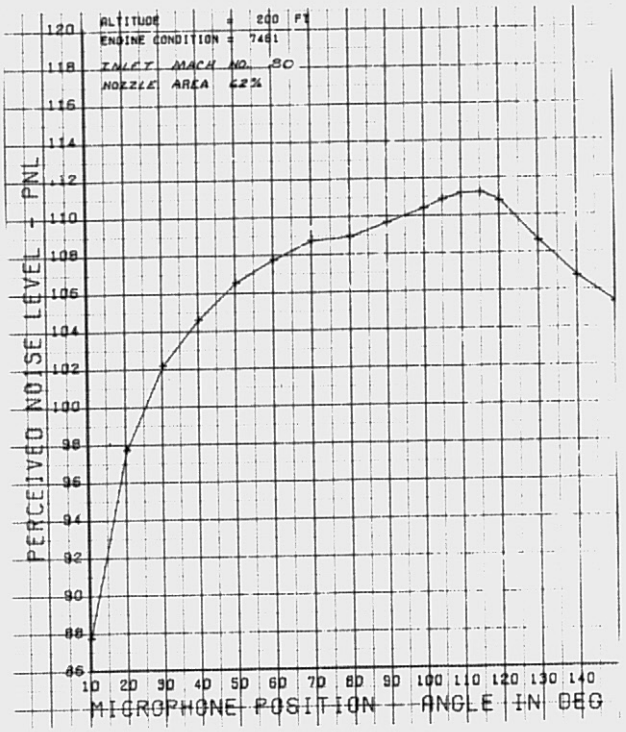


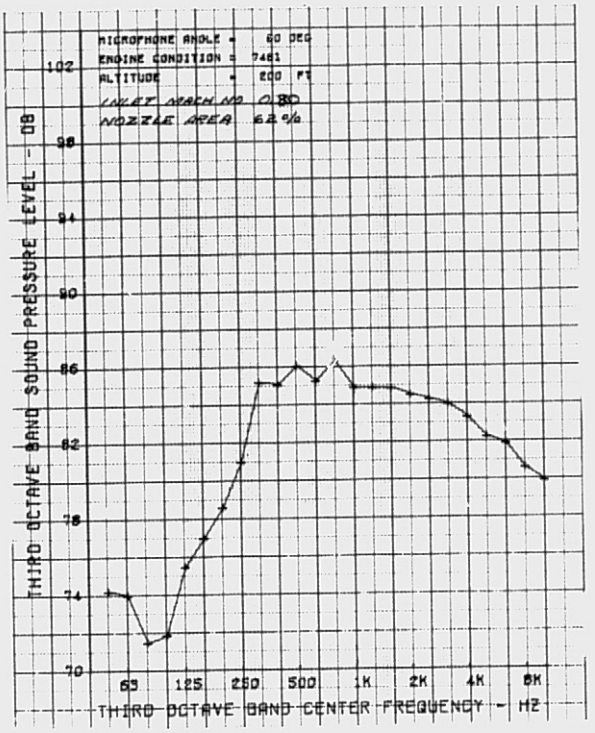


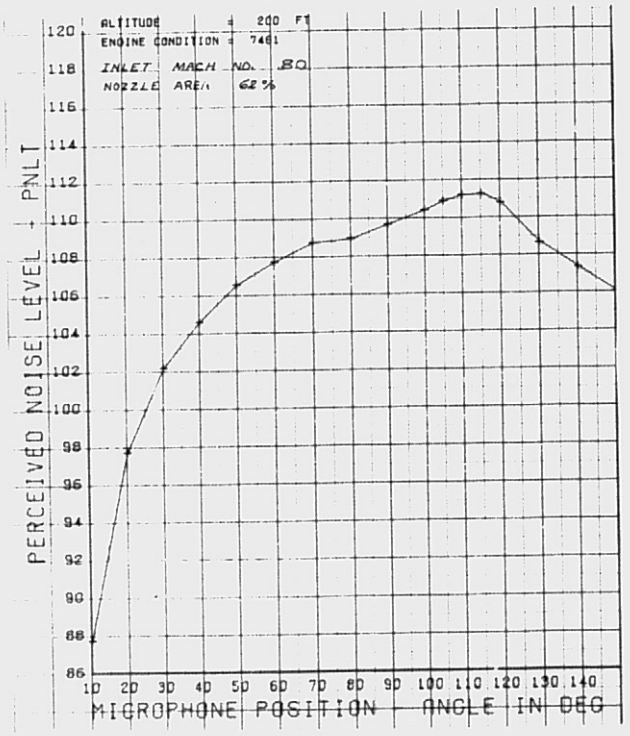


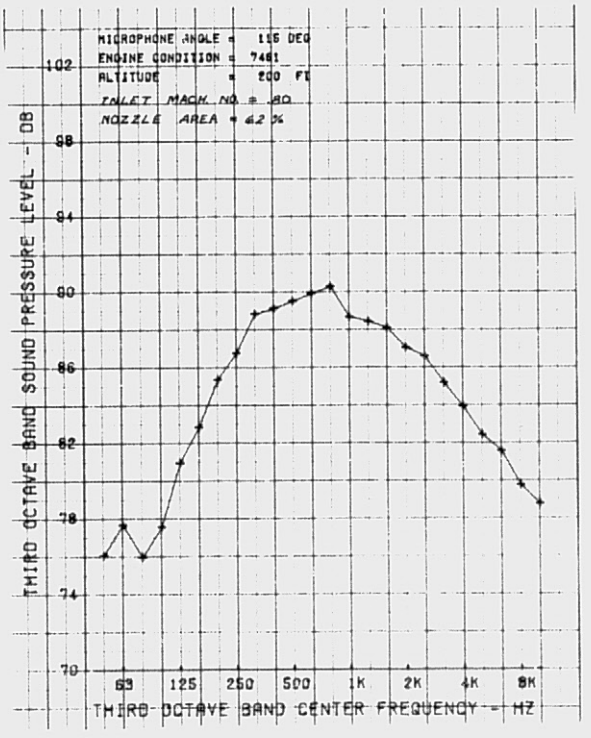


Point No. B(b)-19

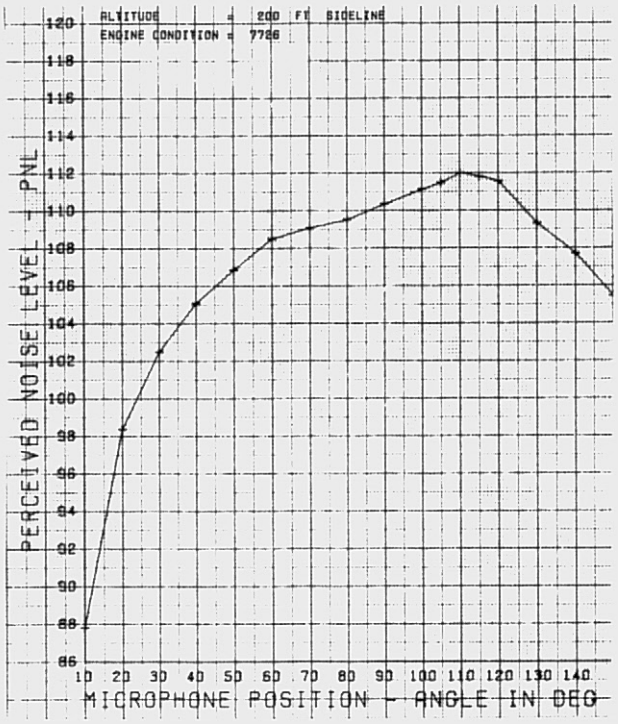


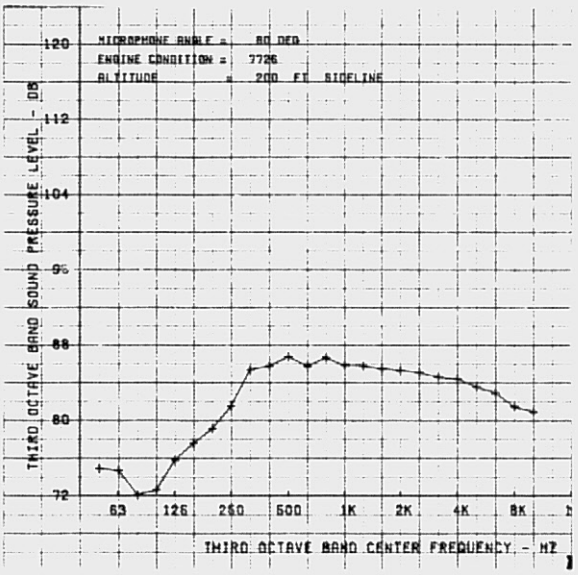


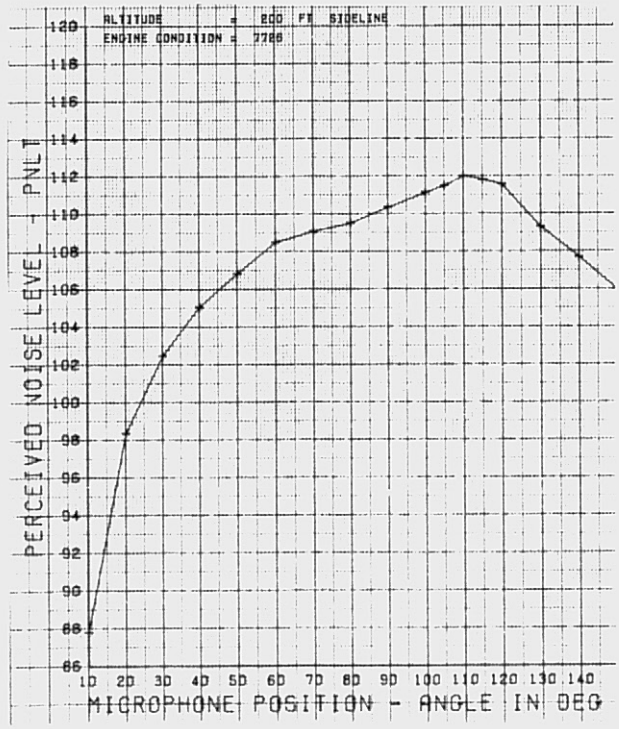


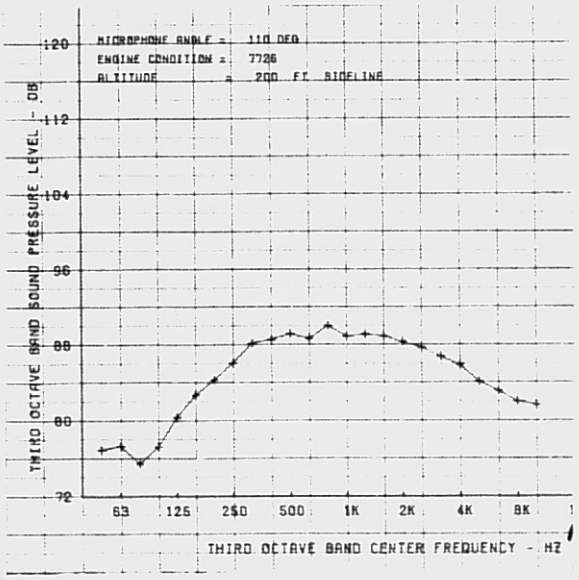


Point No. B(b)-20

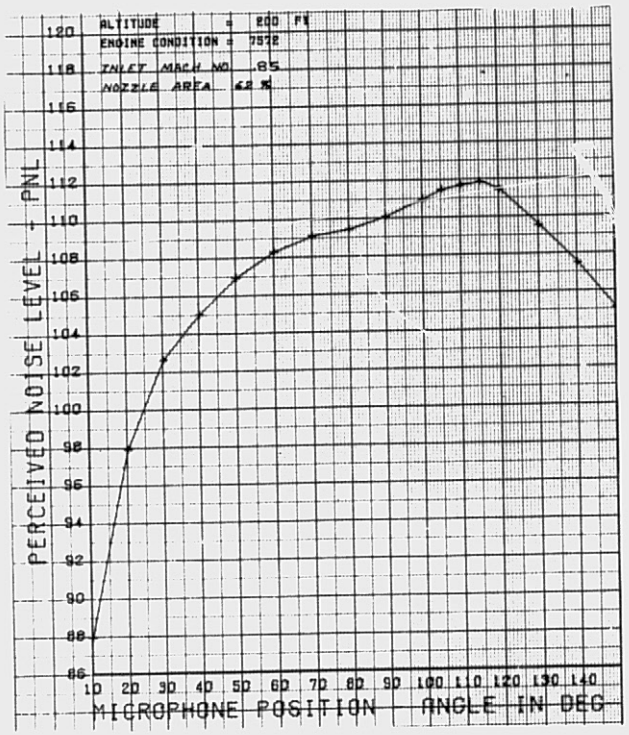


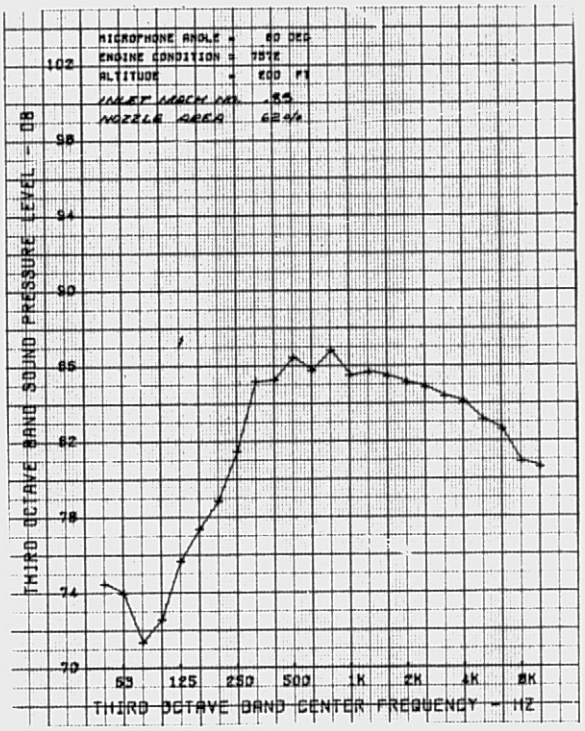


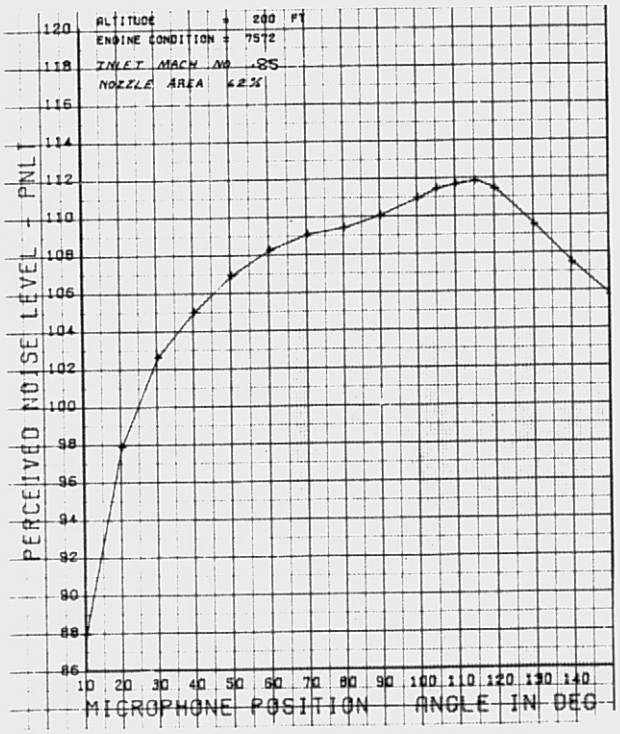


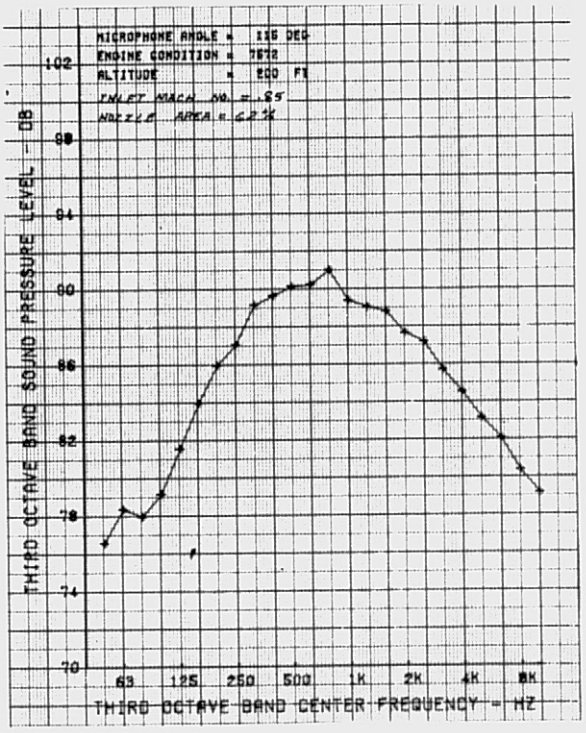


Point No. B(b)-21



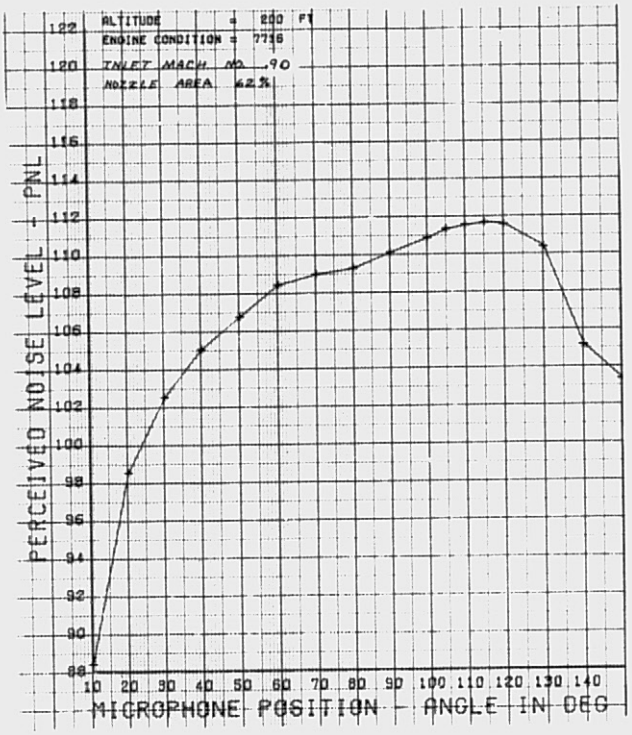


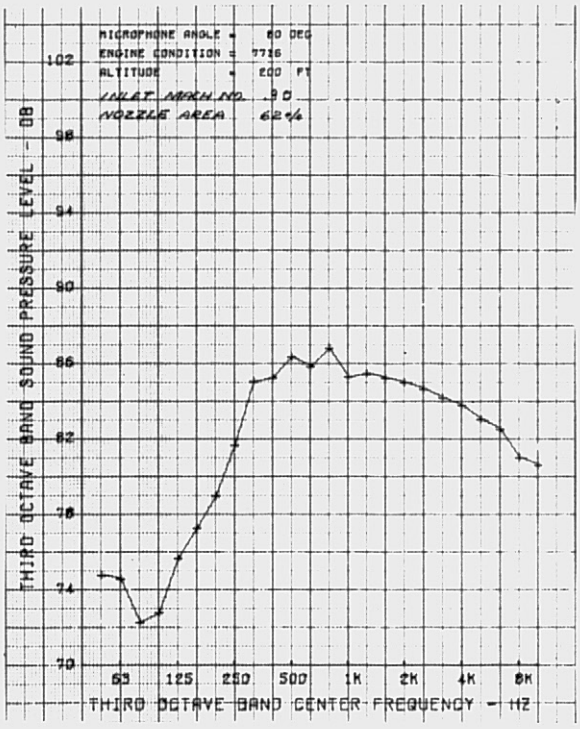


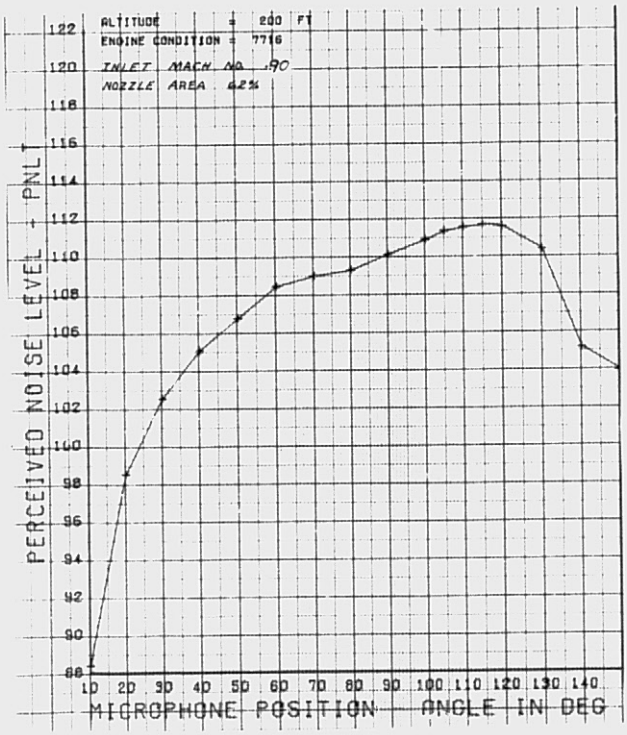


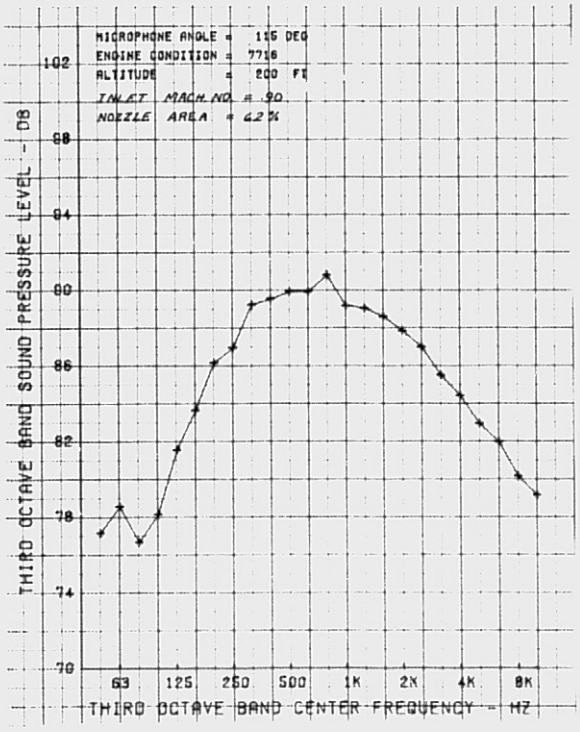
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Point No. B(b)-22

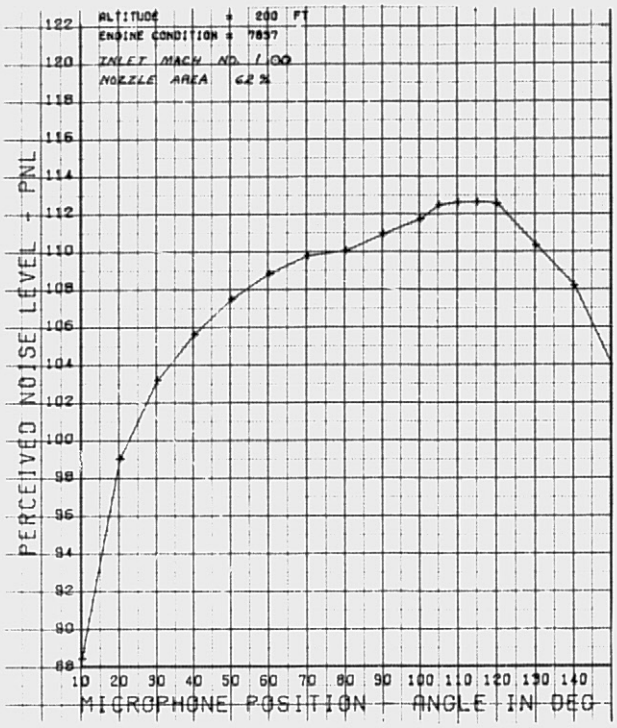


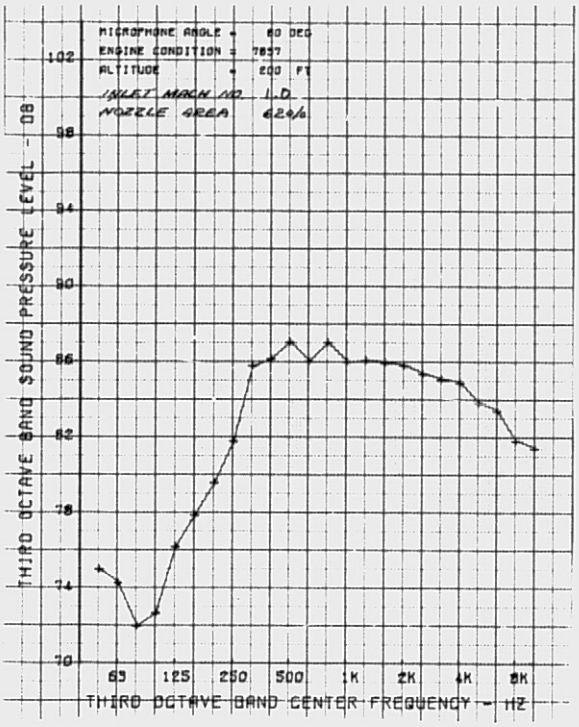


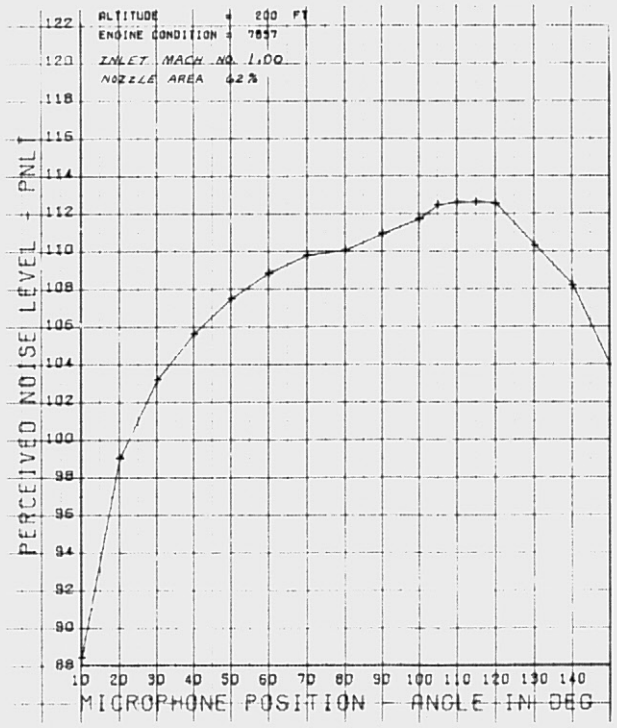


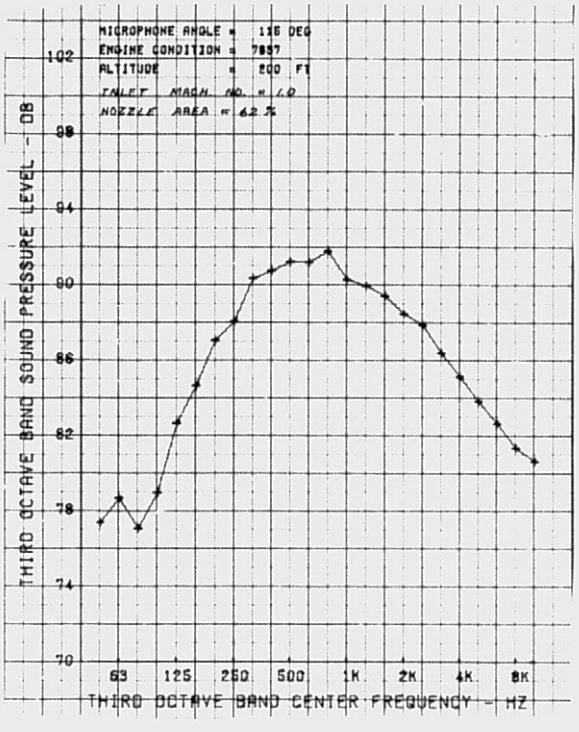


Point No. B(b)-23

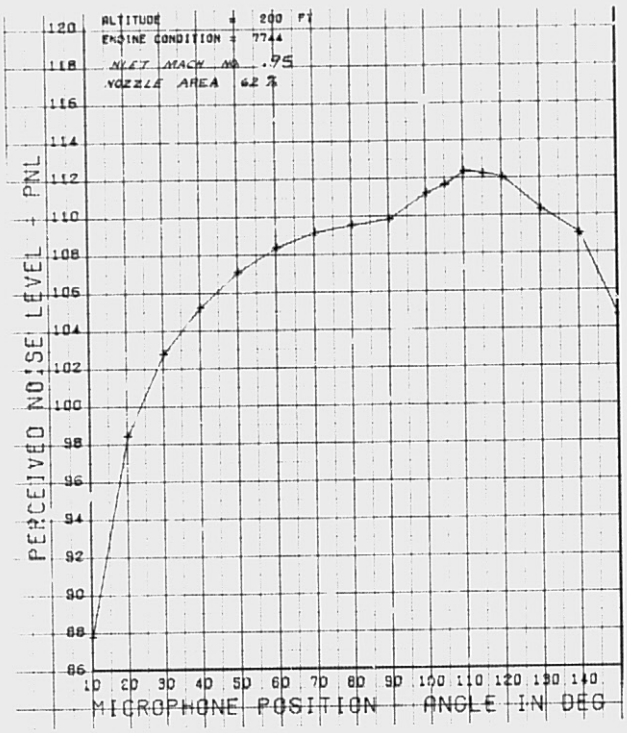


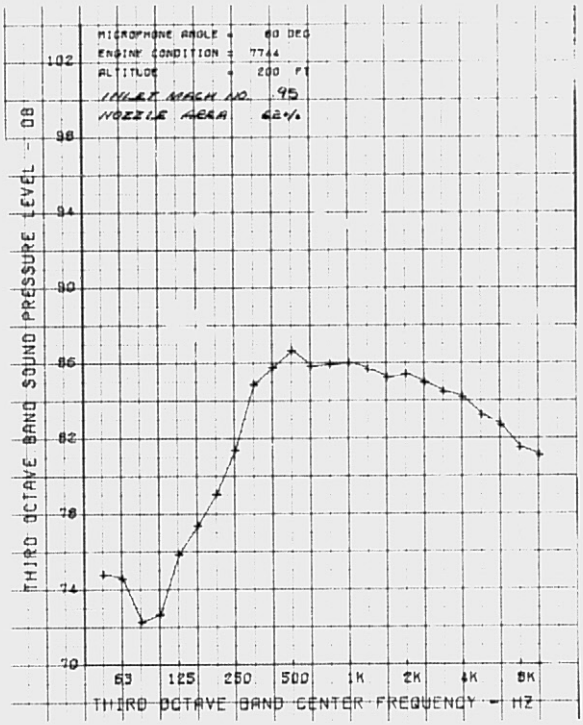


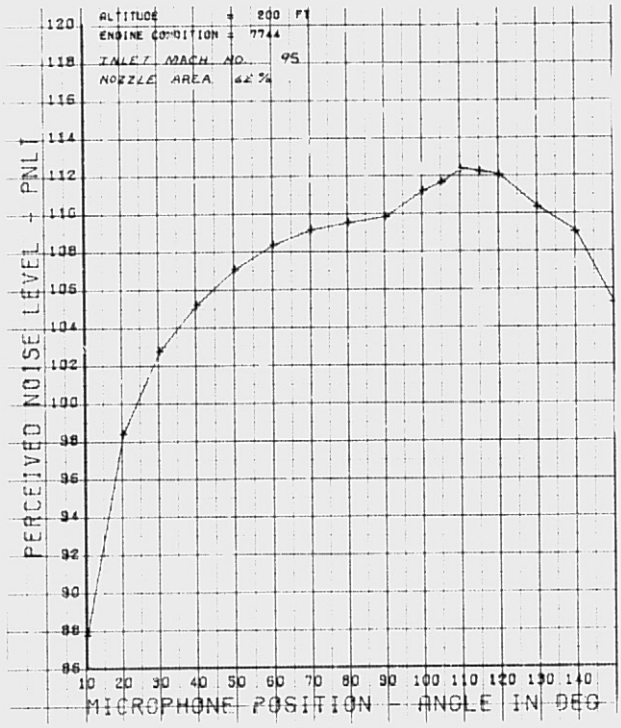


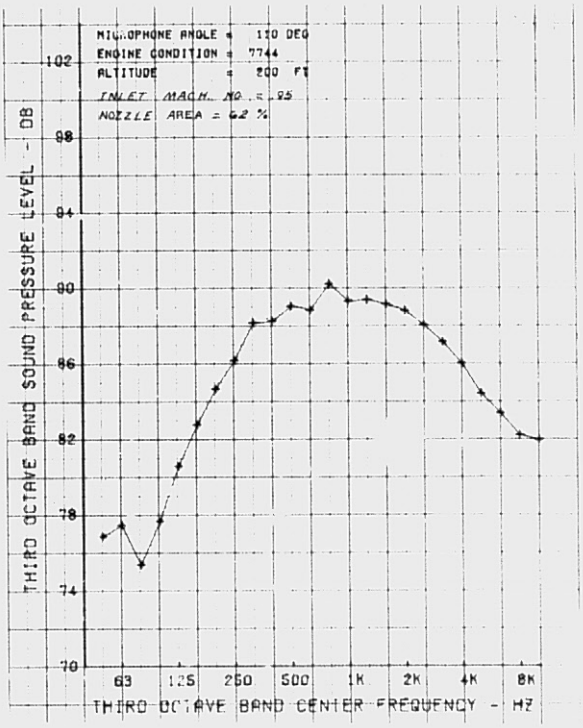


Point No. B(b)-24

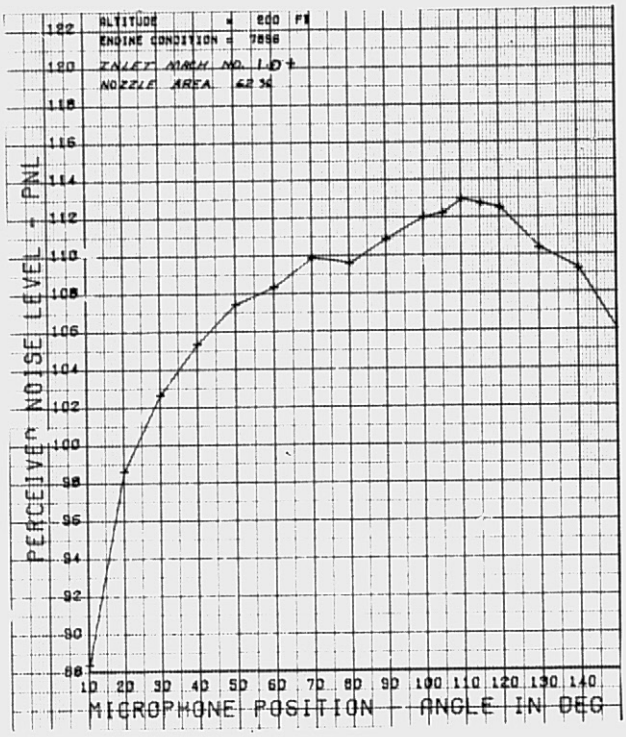


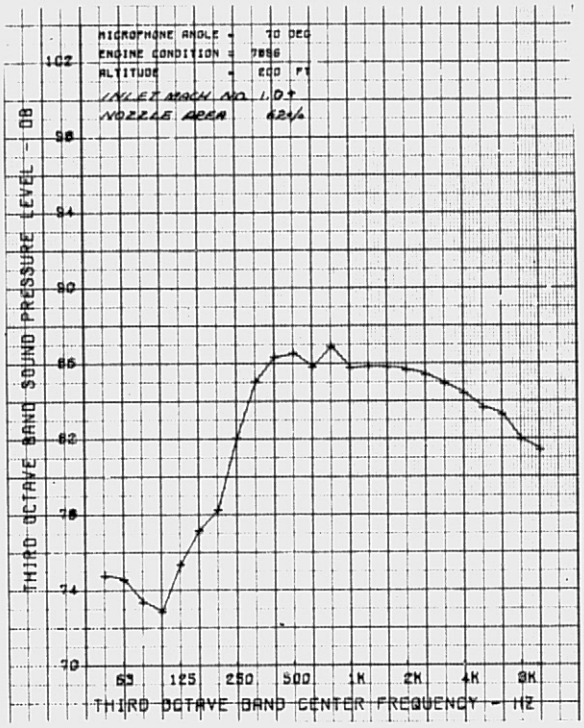


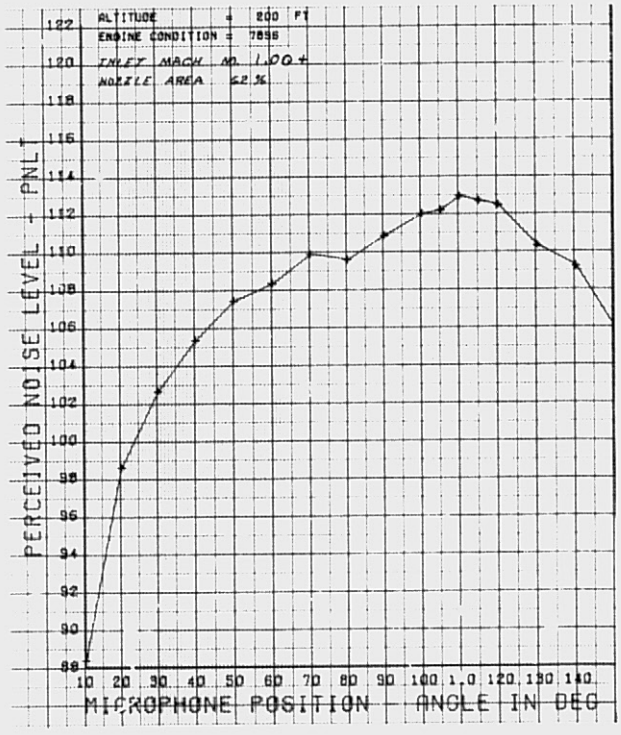


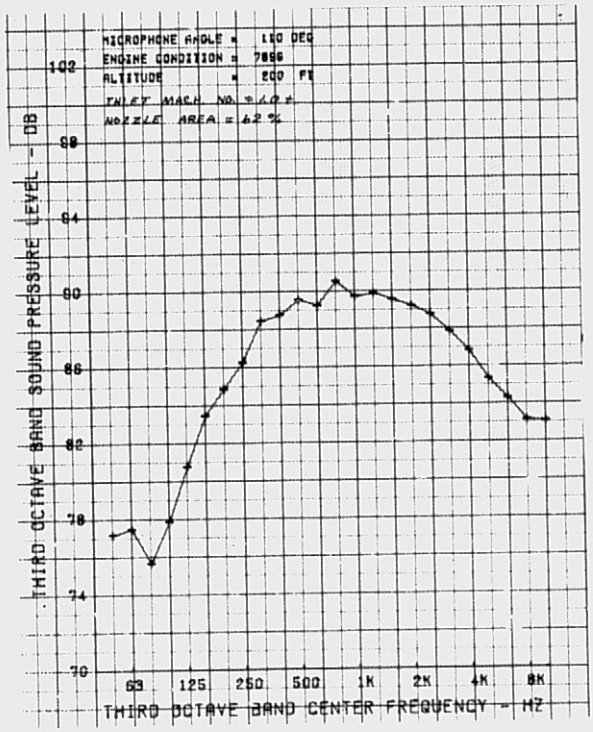


Point No. B(b)-25

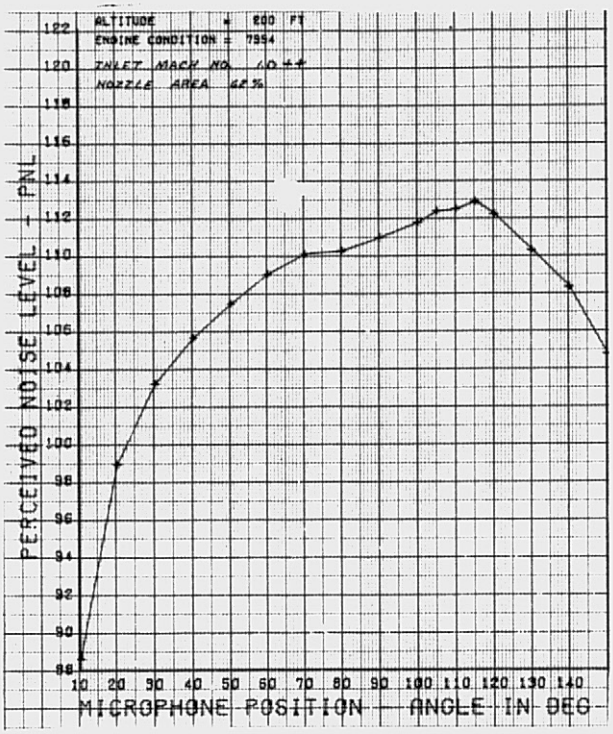


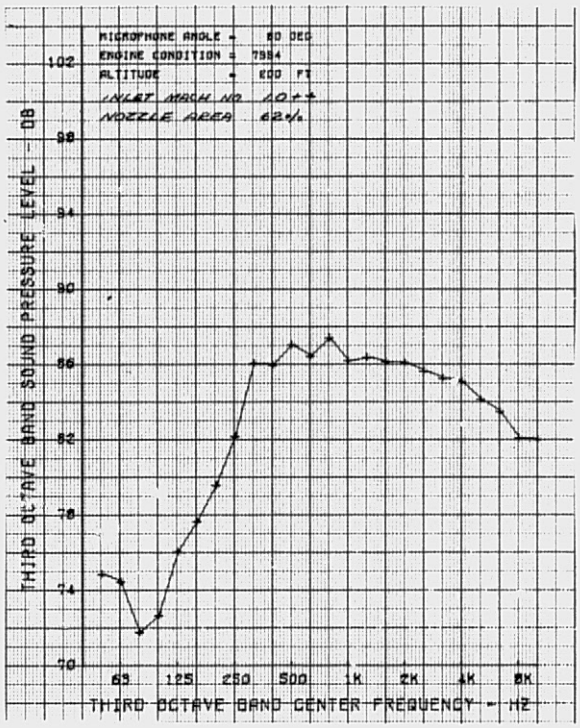


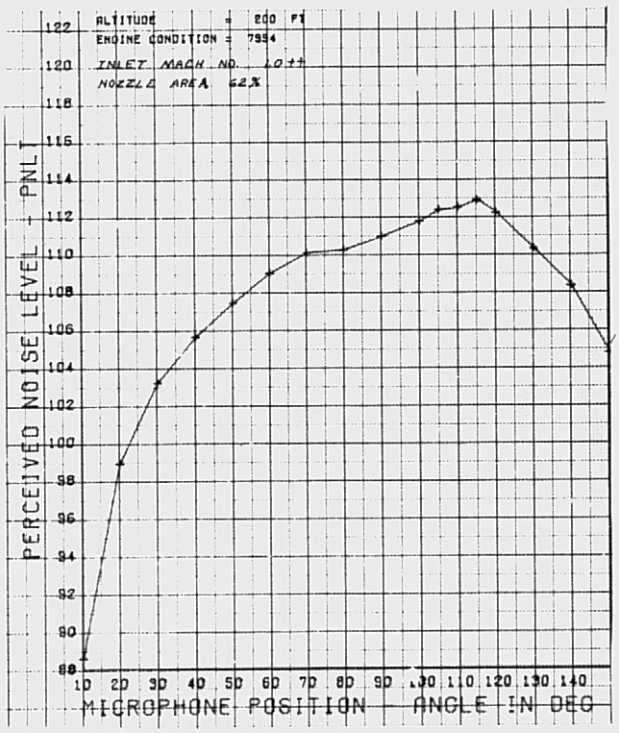


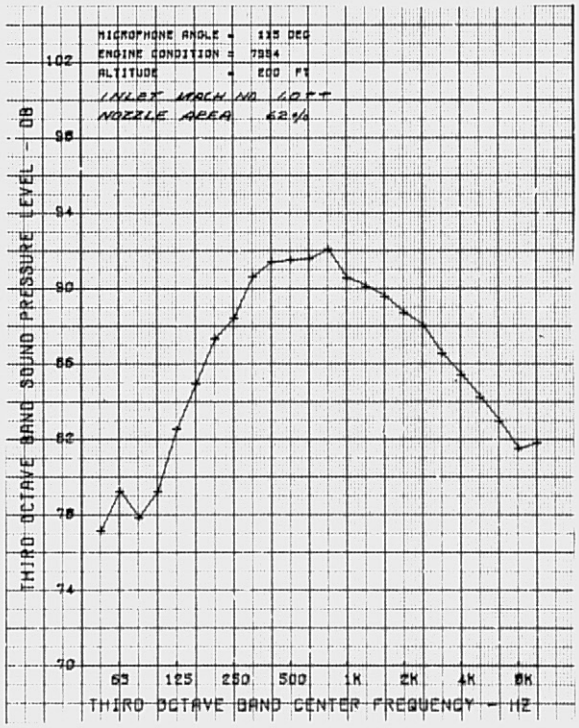


Point No. B(b)-26

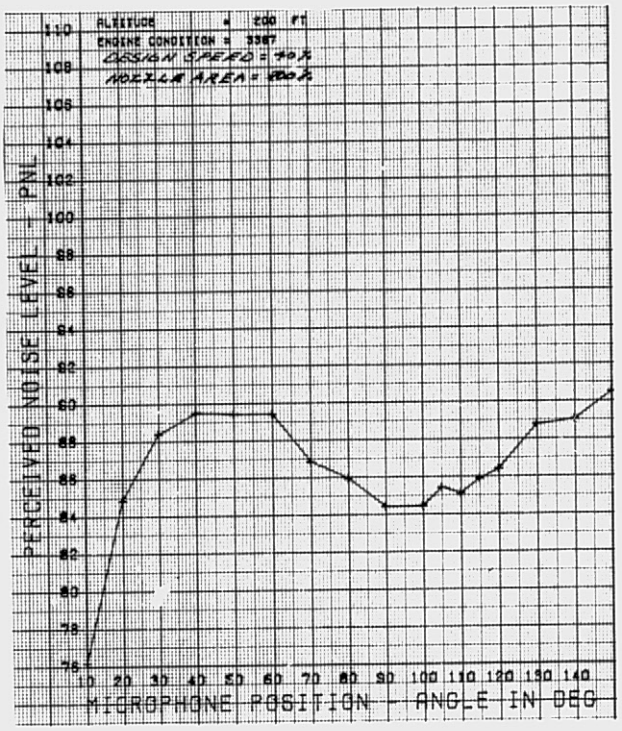


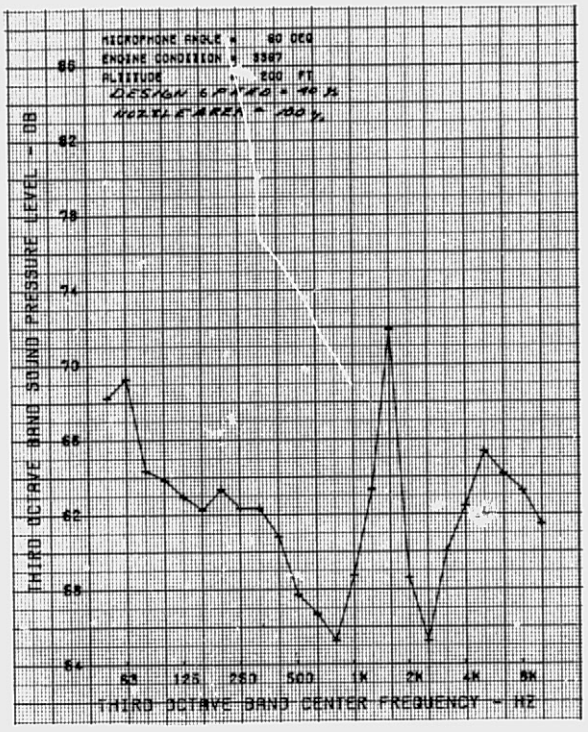


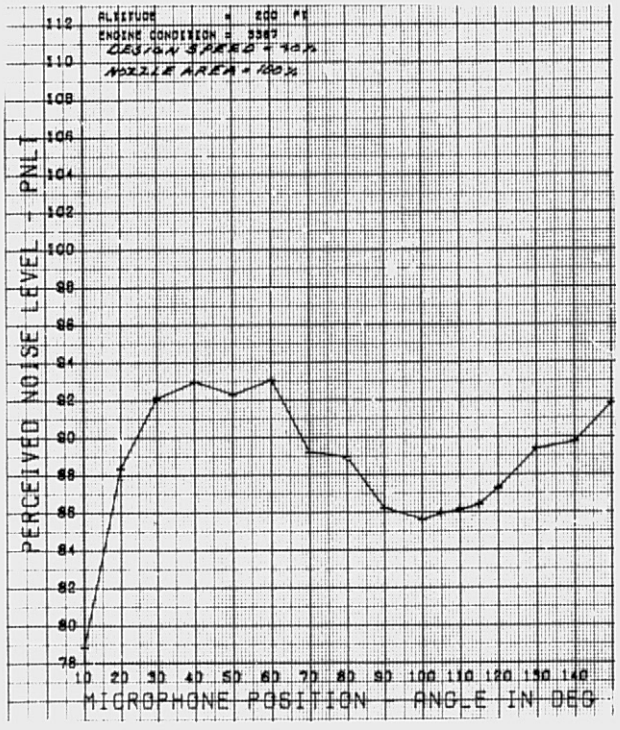


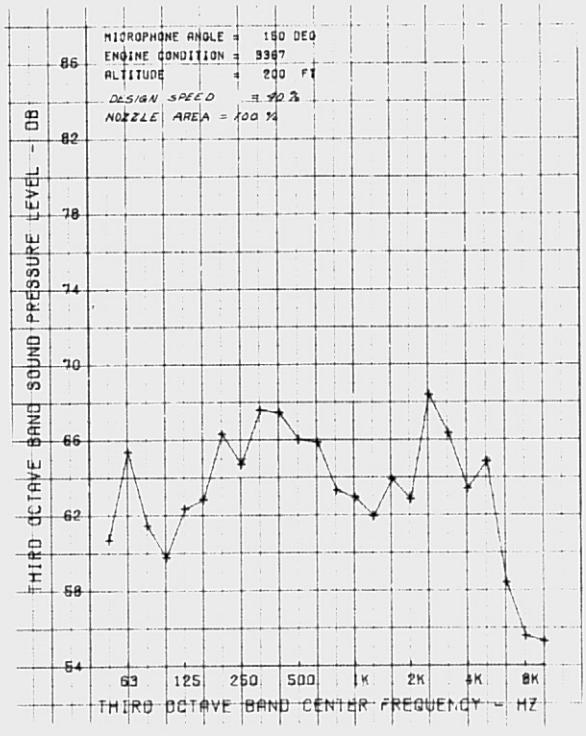


Point No. C(a)-1



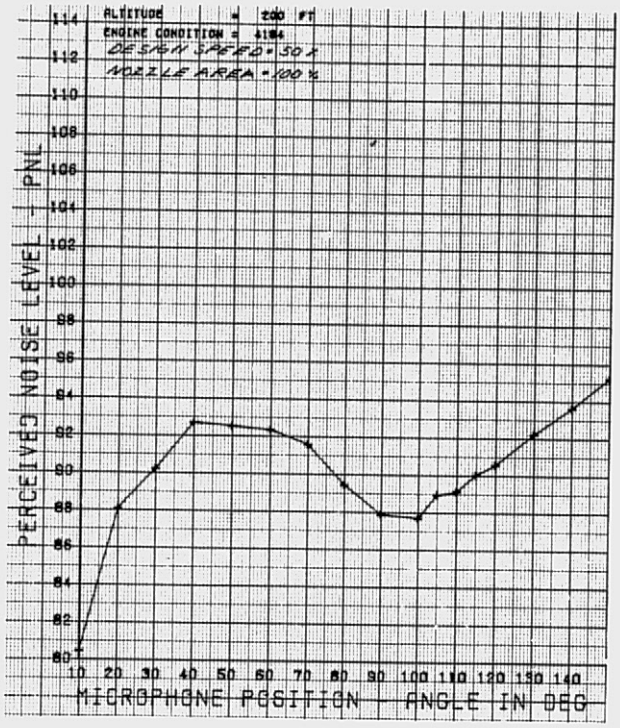


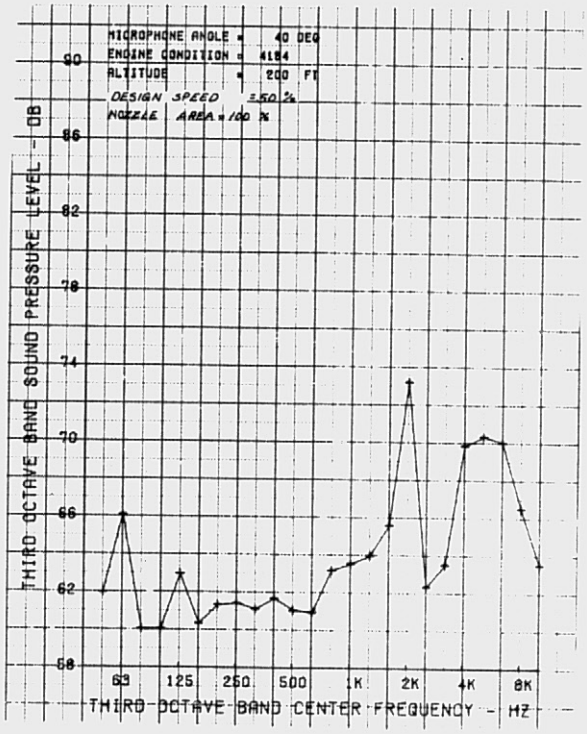


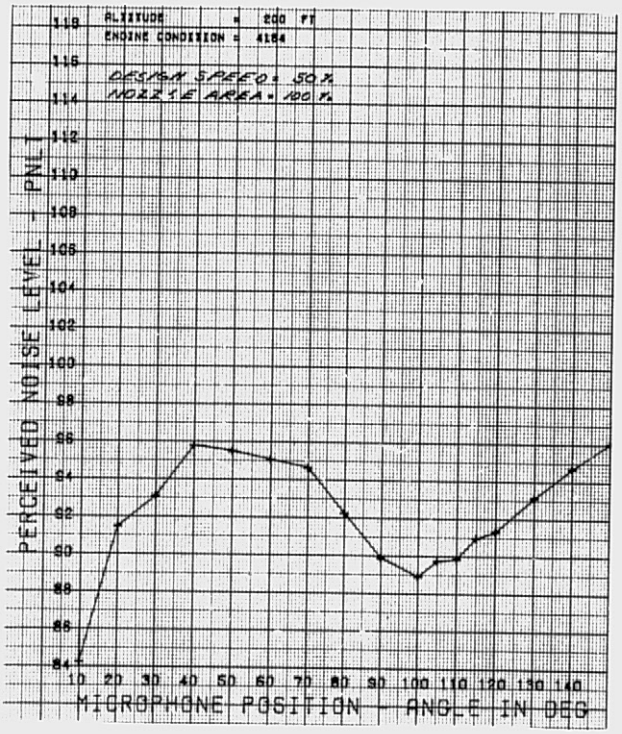


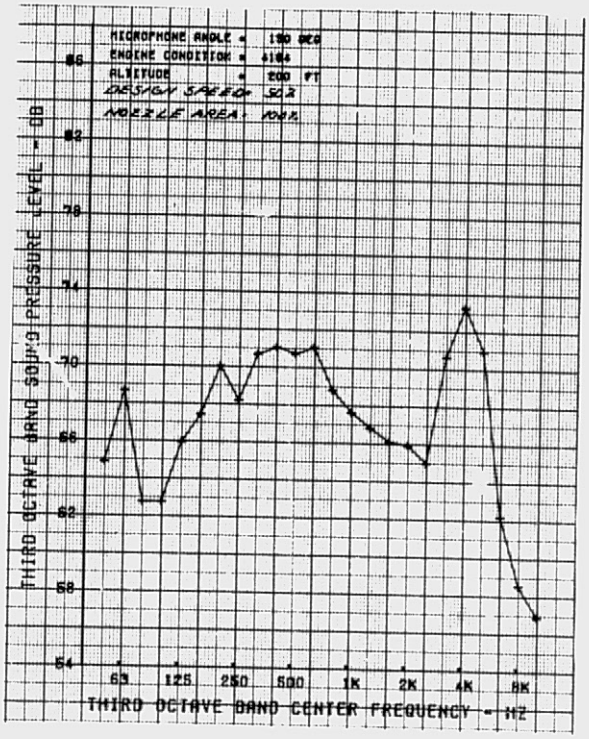
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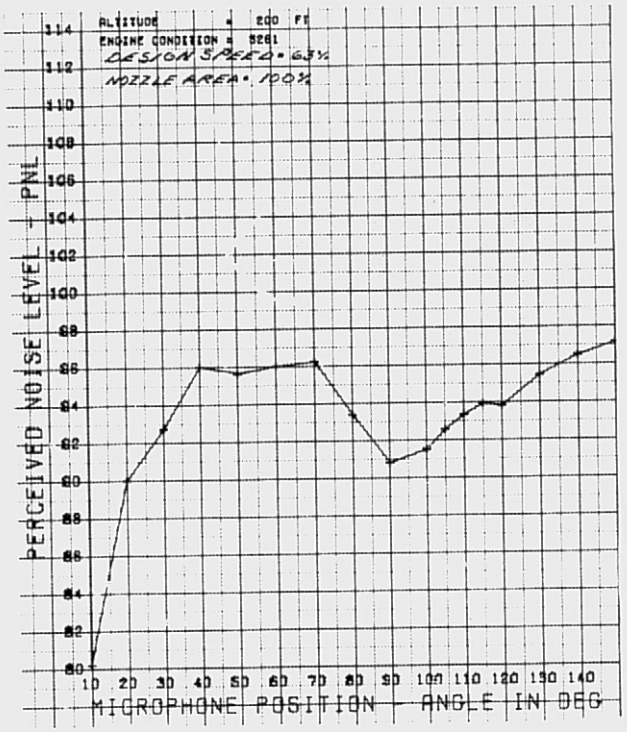

ALTITUDE = 200 FT
ENGINE CONDITION = 4184
DESIGN SPEED = 50 %
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

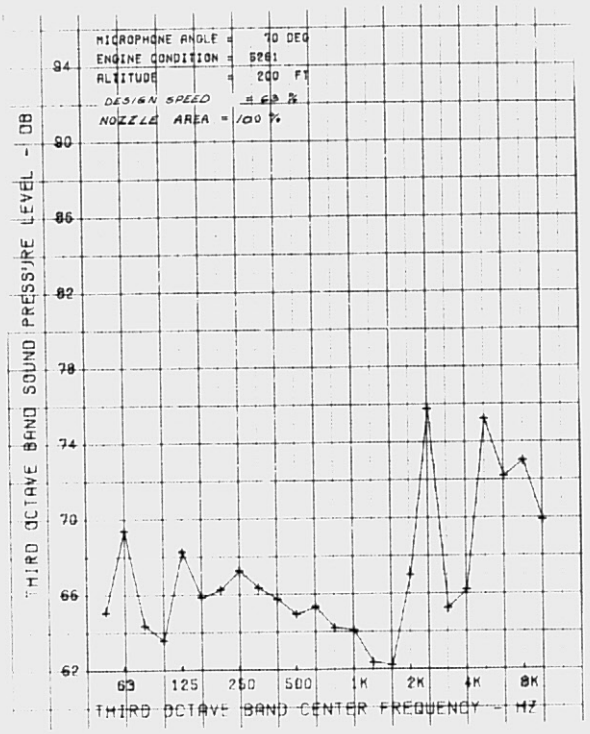

MICROPHONE ANGLE = 40 DEG
ENGINE CONDITION = 4184
ALTITUDE = 200 FT
DESIGN SPEED = 50 %
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

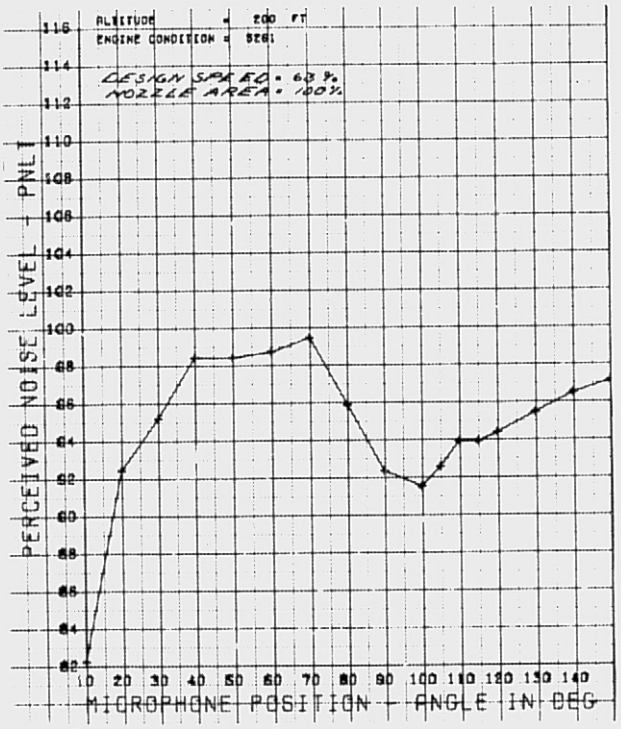

ALTITUDE = 200 FT
ENGINE CONDITION = 4184
DESIGN SPEED = 50 %
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

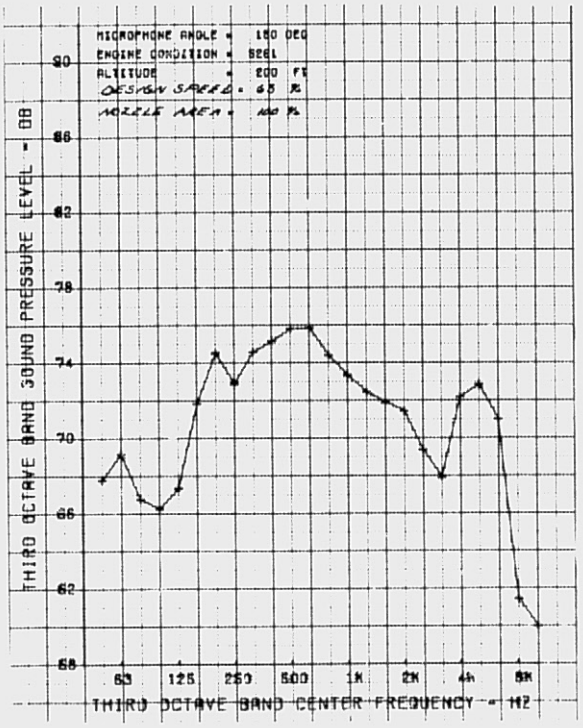

MICROPHONE ANGLE = 130 DEG
ENGINE CONDITION = 4184
ALTITUDE = 200 FT
DESIGN SPEED = 50 %
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. C(a)-3

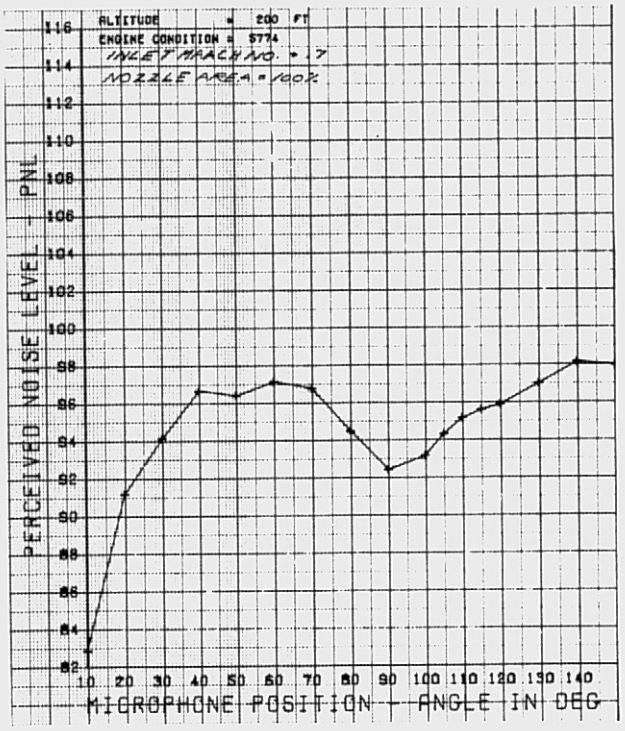

ALTITUDE = 200 FT
ENGINE CONDITION = SZ61
DESIGN SPEED = 63%
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

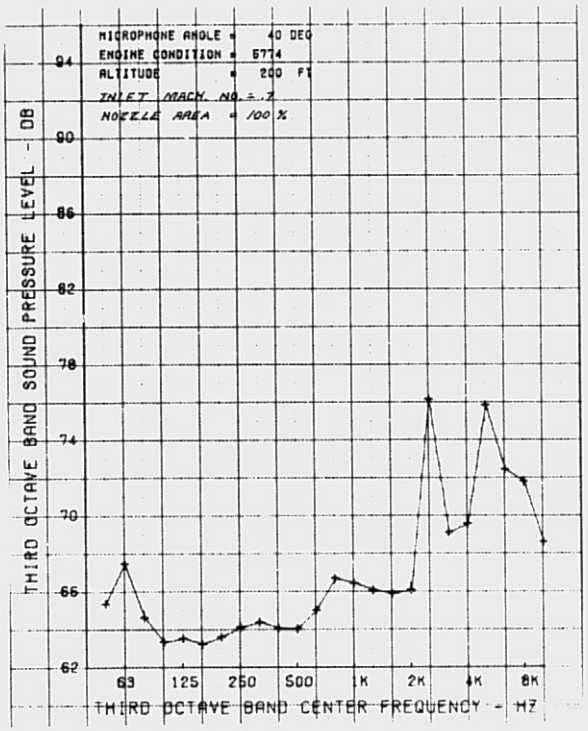

MICROPHONE ANGLE = 70 DEG
ENGINE CONDITION = SZ61
ALTITUDE = 200 FT
DESIGN SPEED = 63 %
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

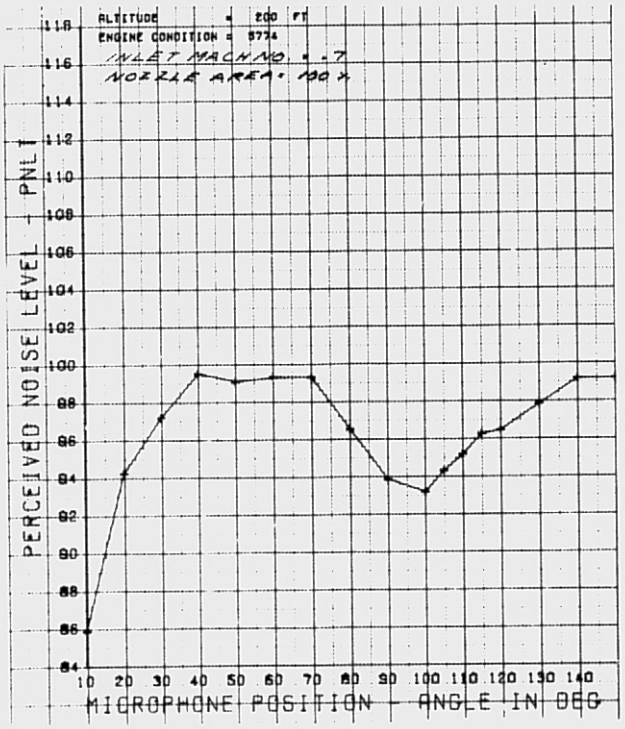

ALTITUDE = 200 FT
ENGINE CONDITION = SZ61
DESIGN SPEED = 63 %
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

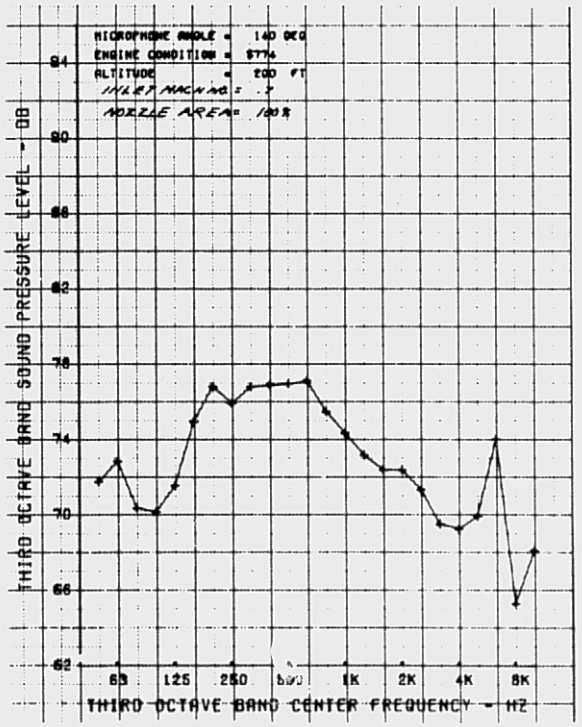

MICROPHONE ANGLE = 150 DEG
ENGINE CONDITION = SZ61
ALTITUDE = 200 FT
DESIGN SPEED = 63 %
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. C(a)-4

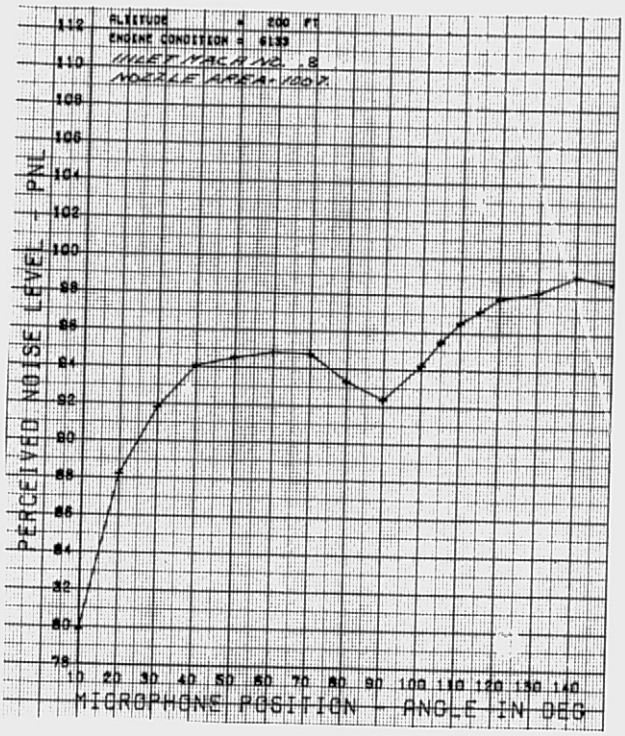

ALTITUDE = 200 FT
ENGINE CONDITION = 5774
INLET MACH NO. = .7
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

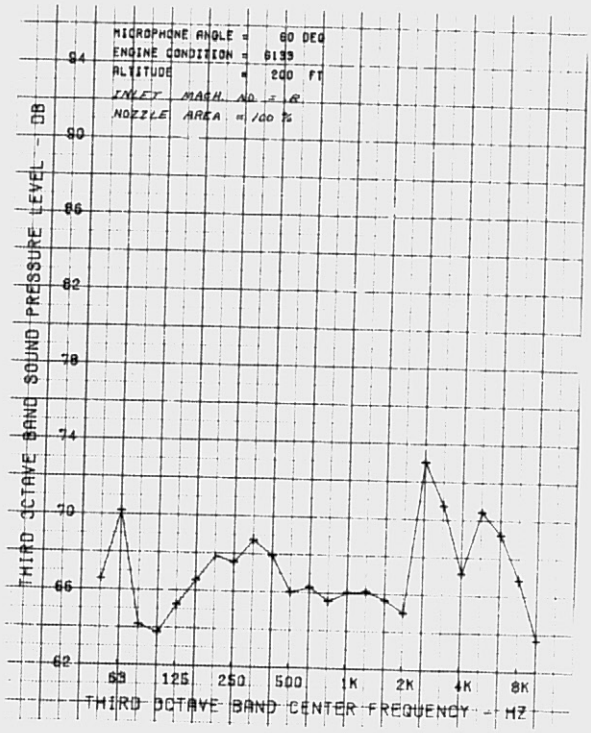

MICROPHONE ANGLE = 40 DEG
ENGINE CONDITION = 5774
ALTITUDE = 200 FT
INLET MACH NO. = .7
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

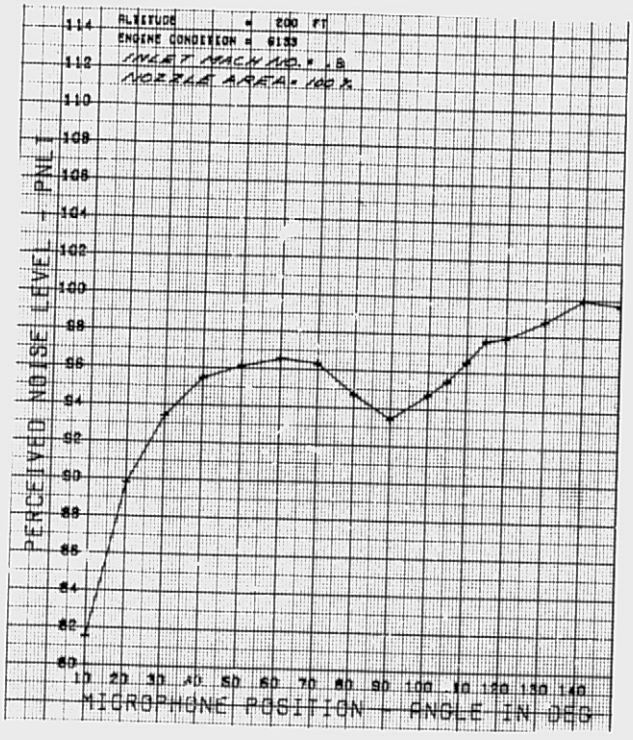

ALTITUDE = 200 FT
ENGINE CONDITION = 5774
INLET MACH NO. = .7
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

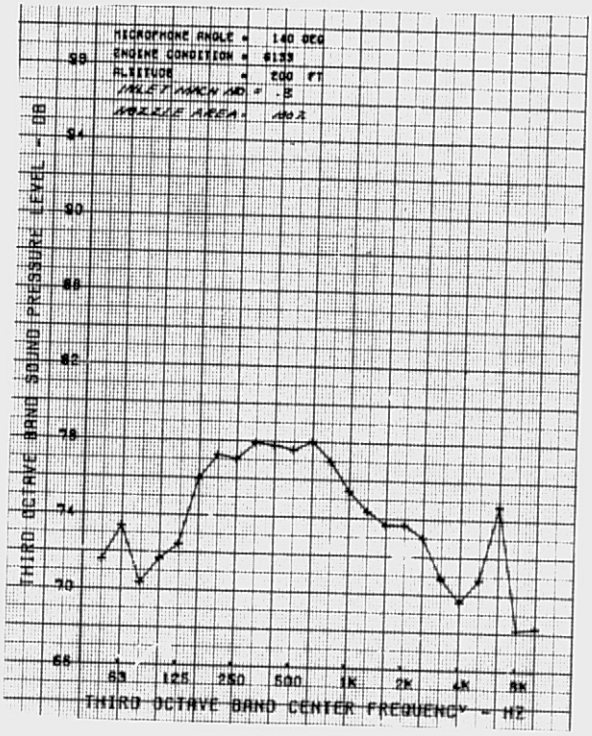

MICROPHONE ANGLE = 140 DEG
ENGINE CONDITION = 5774
ALTITUDE = 200 FT
INLET MACH NO. = .7
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. C(a)-5

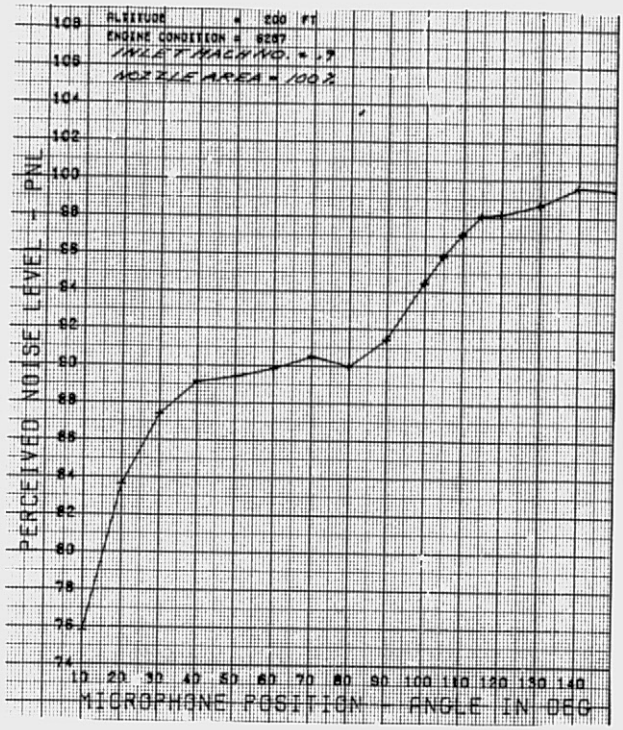

ALTITUDE = 200 FT
ENGINE CONDITION = 8139
INLET MACH NO. .8
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

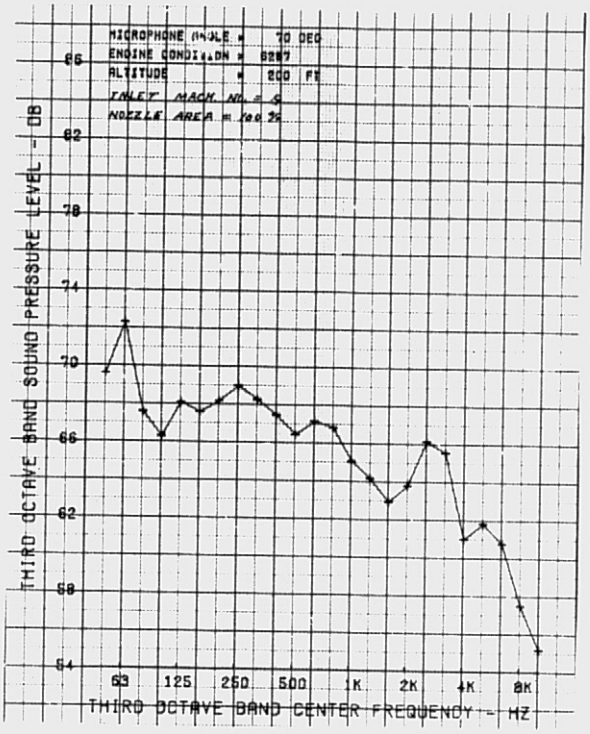

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 8139
ALTITUDE = 200 FT
INLET MACH NO. = .8
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

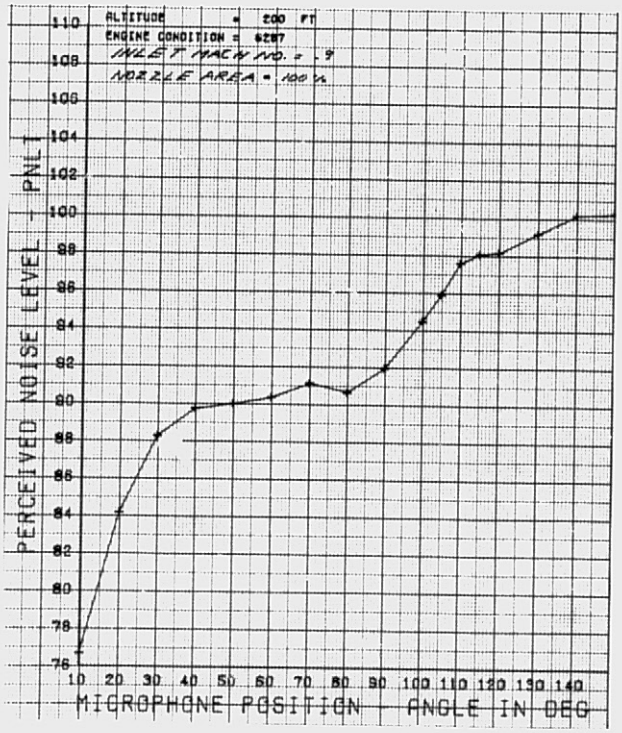

ALTITUDE = 200 FT
ENGINE CONDITION = 8139
INLET MACH NO. = .8
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

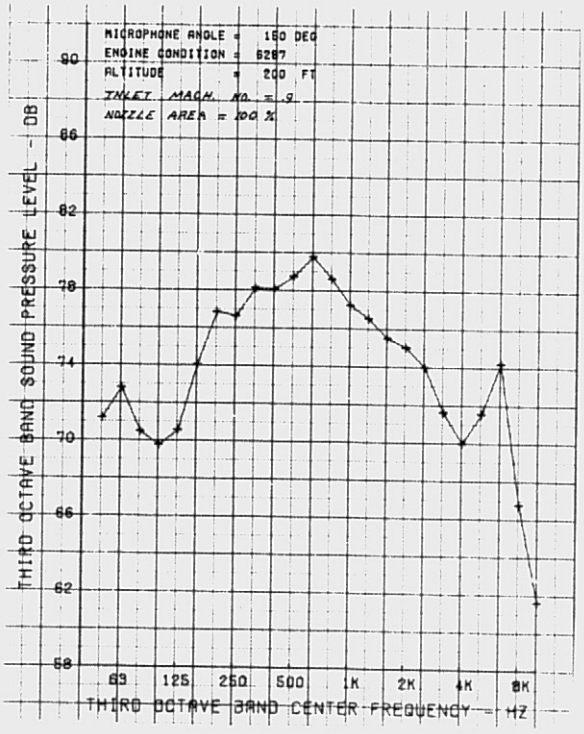

MICROPHONE ANGLE = 140 DEG
ENGINE CONDITION = 8139
ALTITUDE = 200 FT
INLET MACH NO. = .8
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. C(a)-6

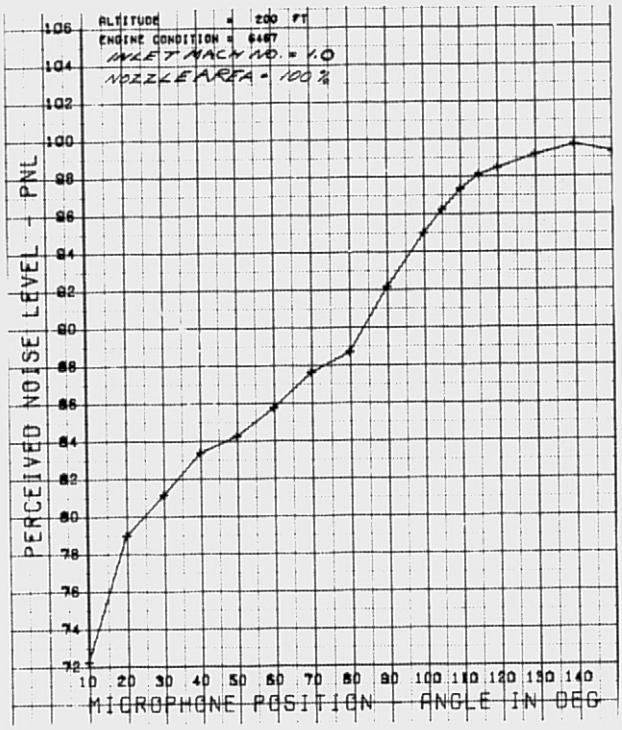

ALTITUDE = 200 FT
ENGINE CONDITION = 8287
INLET MACH NO. = .9
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

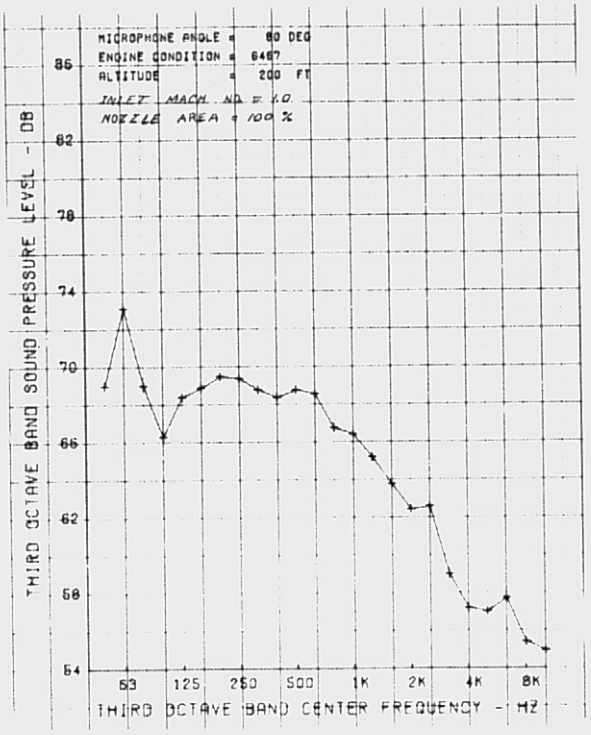

MICROPHONE ANGLE = 70 DEG
ENGINE CONDITION = 8287
ALTITUDE = 200 FT
INLET MACH NO. = .9
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

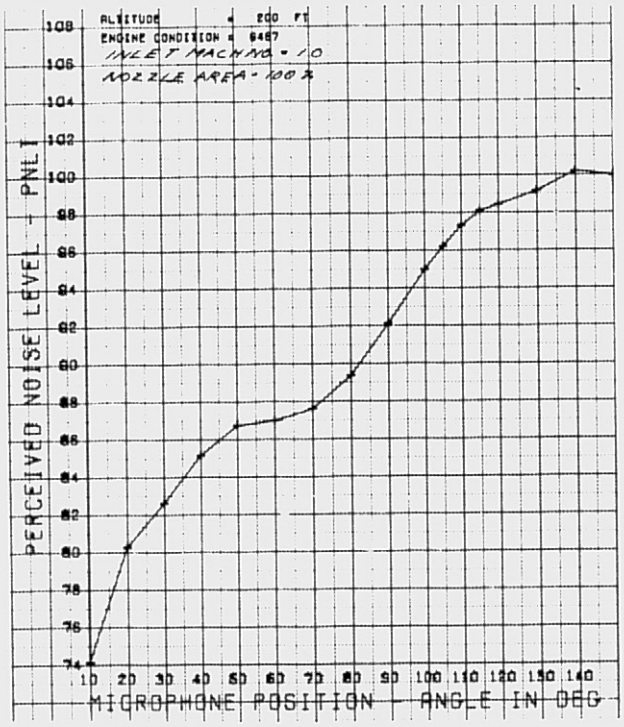

ALTITUDE = 200 FT
ENGINE CONDITION = 8287
INLET MACH NO. = .9
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

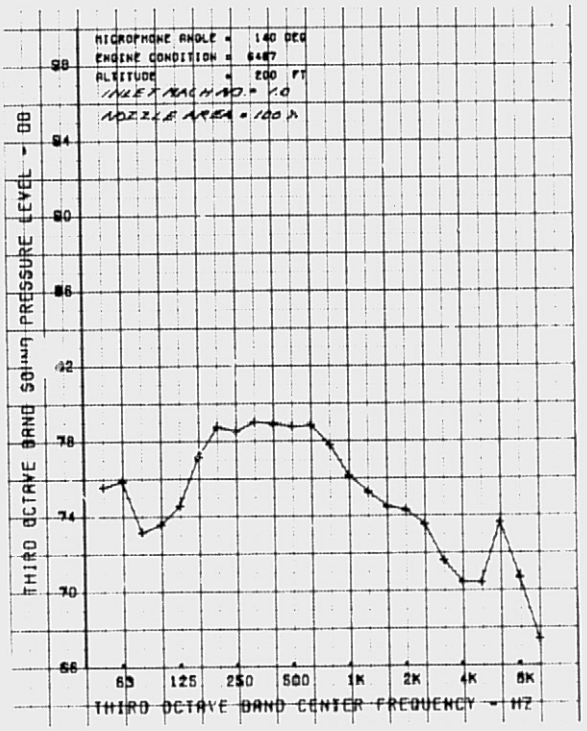

MICROPHONE ANGLE = 150 DEG
ENGINE CONDITION = 8287
ALTITUDE = 200 FT
INLET MACH NO. = .9
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. C(a)-7

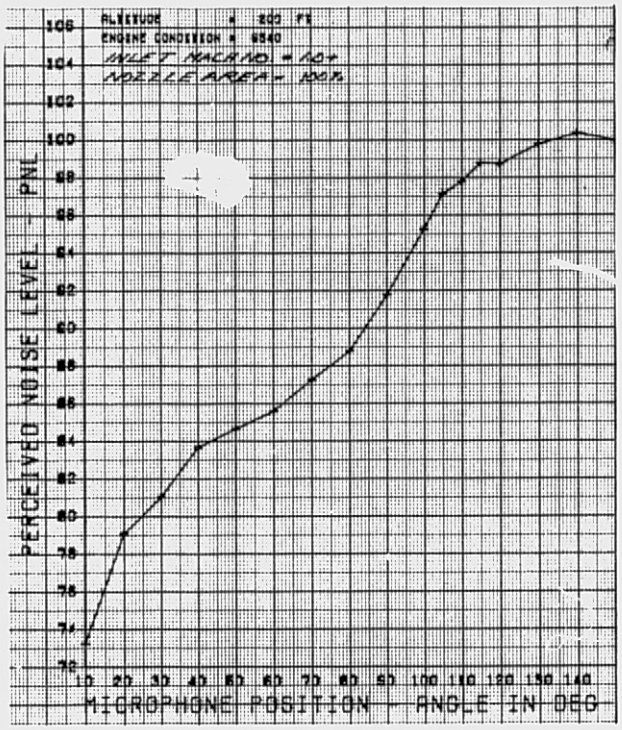

ALTITUDE = 200 FT
ENGINE CONDITION = 6467
INLET MACH NO. = 1.0
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

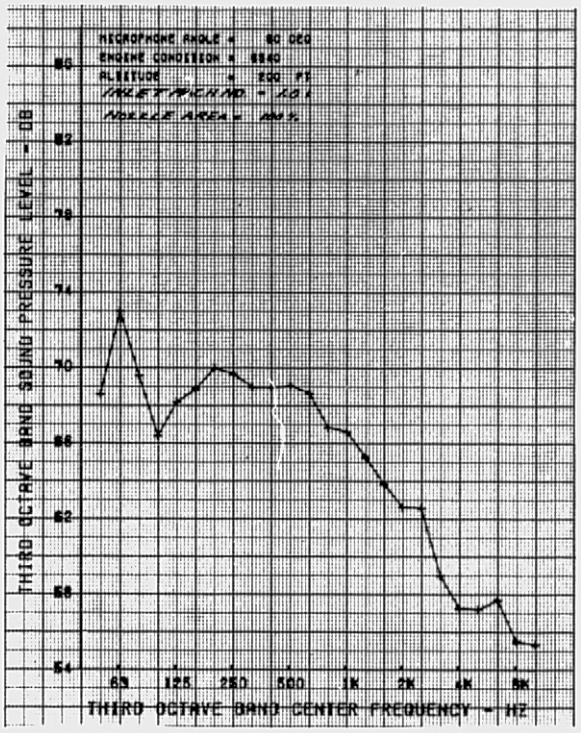

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 6467
ALTITUDE = 200 FT
INLET MACH NO = 1.0
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

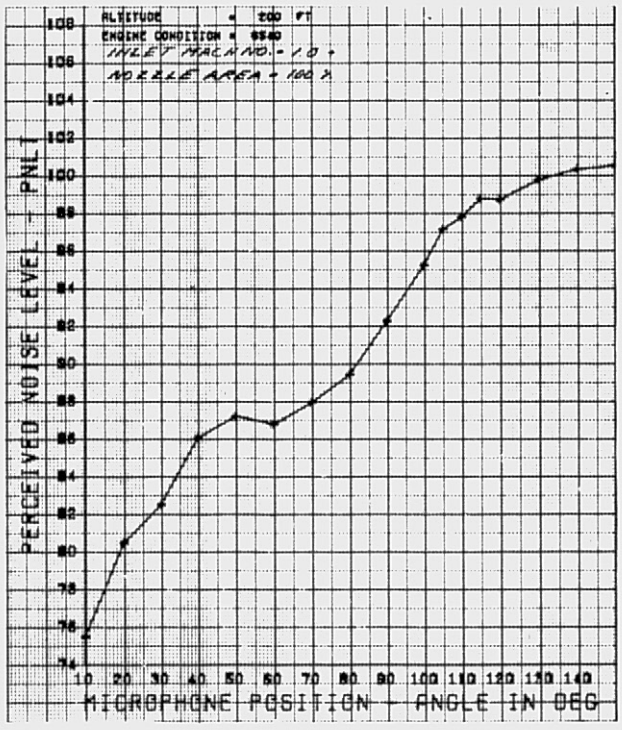

ALTITUDE = 200 FT
ENGINE CONDITION = 6467
INLET MACH NO = 1.0
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

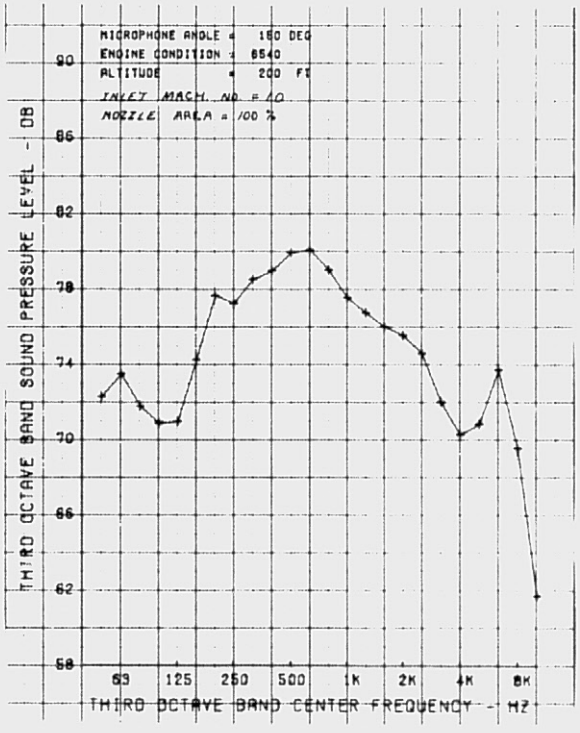

MICROPHONE ANGLE = 140 DEG
ENGINE CONDITION = 6467
ALTITUDE = 200 FT
INLET MACH NO = 1.0
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. C(a)-8

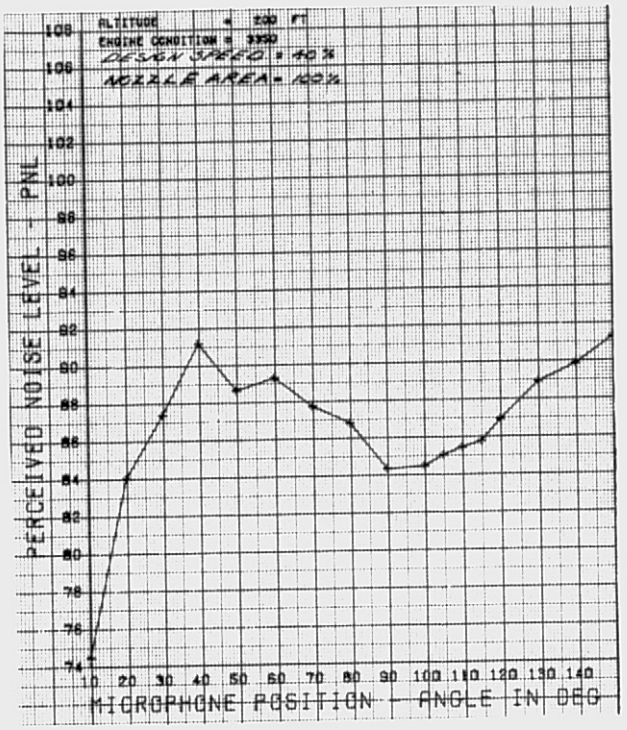

ALTITUDE = 200 FT
ENGINE CONDITION = 8540
INLET MACH NO = 1.0
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

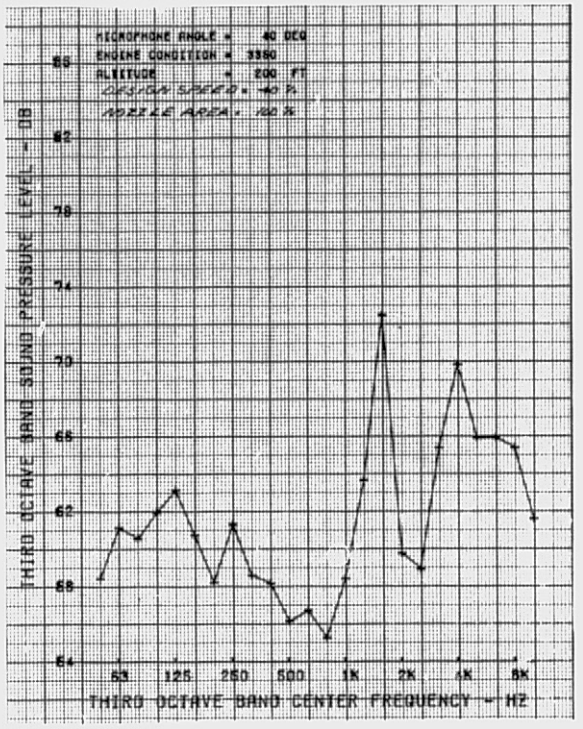

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 8540
ALTITUDE = 200 FT
INLET MACH NO = 1.0
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

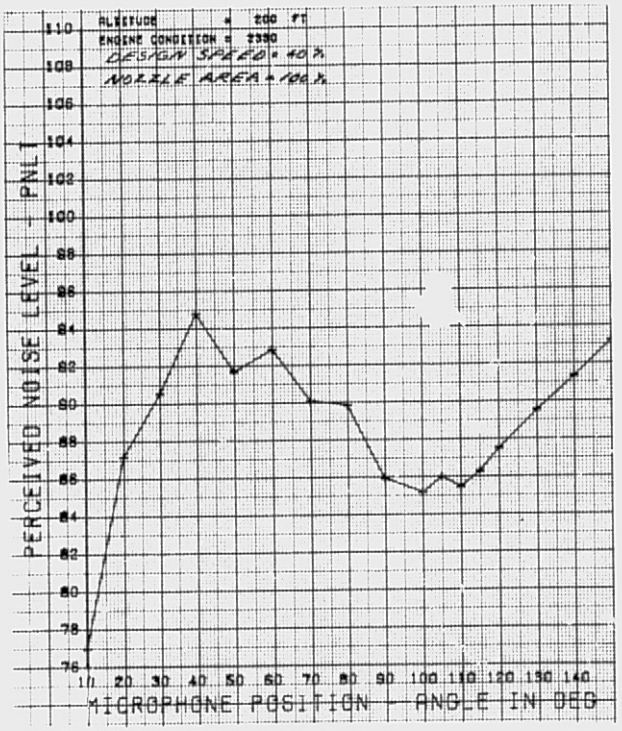

ALTITUDE = 200 FT
ENGINE CONDITION = 8540
INLET MACH NO. = 1.0
NOZZLE AREA = 100 %
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

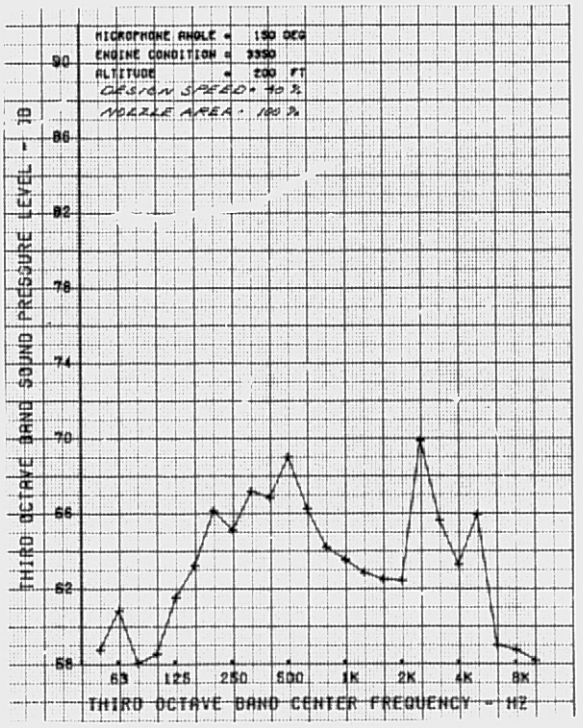

MICROPHONE ANGLE = 150 DEG
ENGINE CONDITION = 8540
ALTITUDE = 200 FT
INLET MACH NO = 1.0
NOZZLE AREA = 100 %
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. C(b)-9



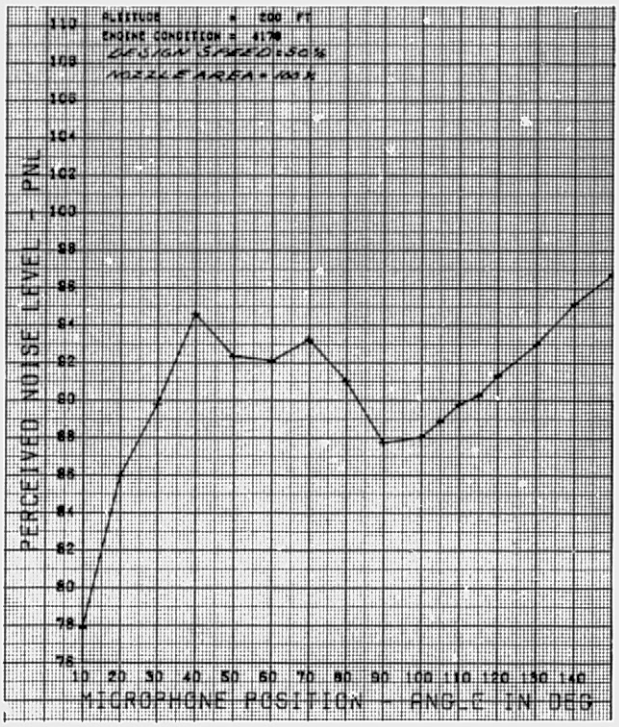


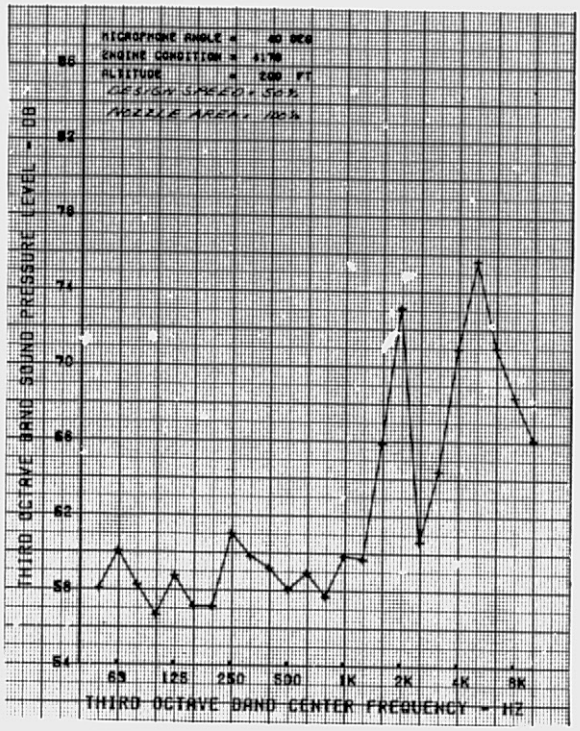


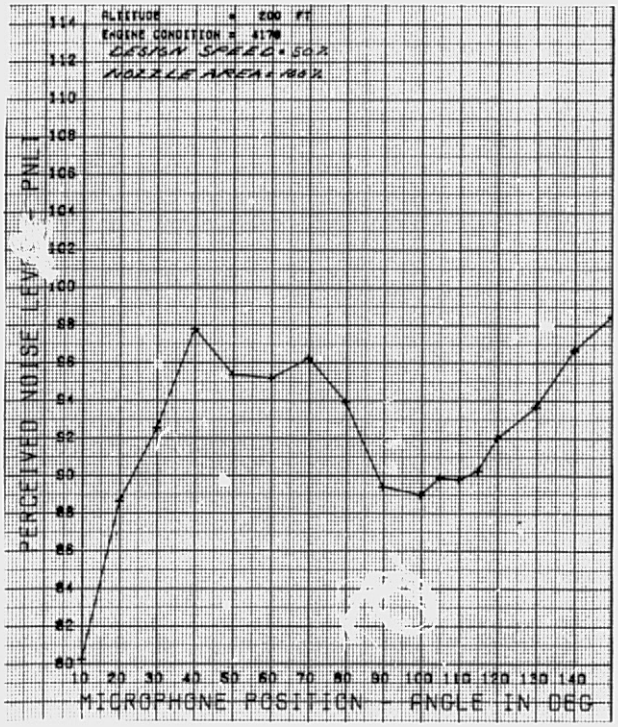


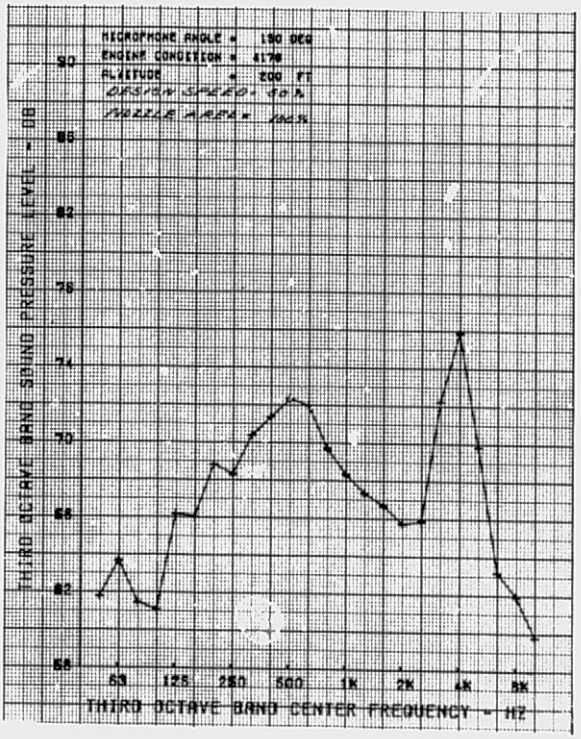
REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

Point No. C(b)-10

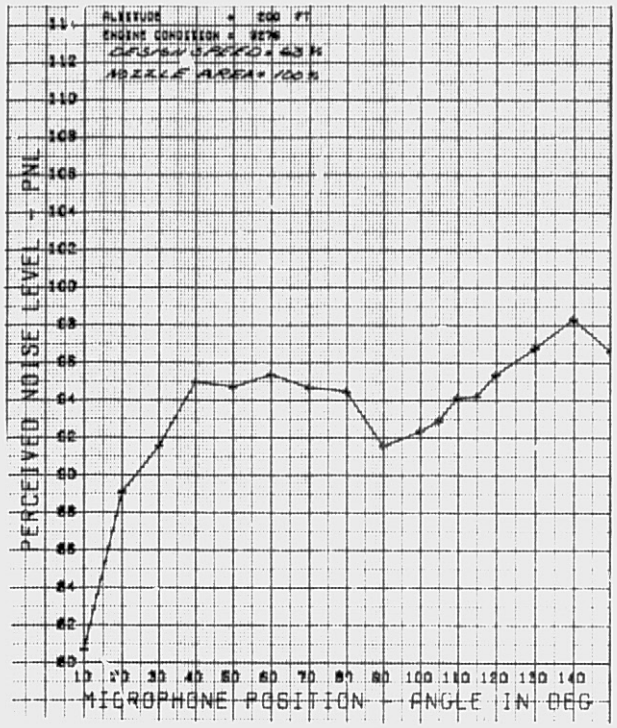


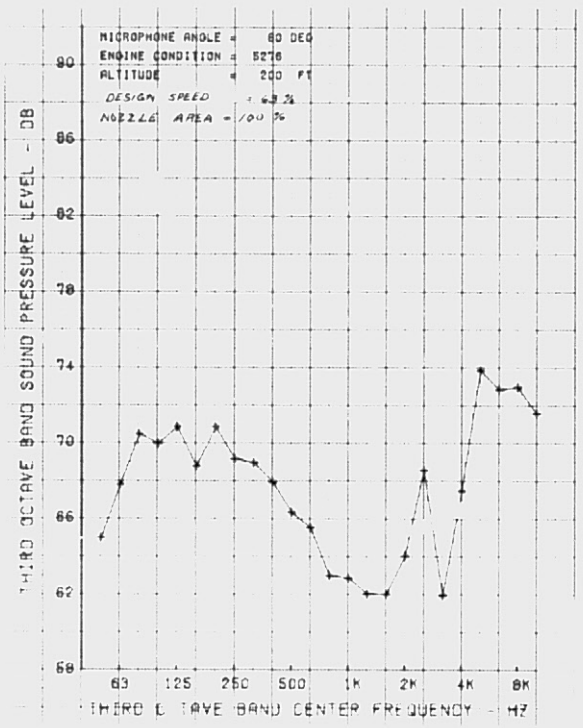


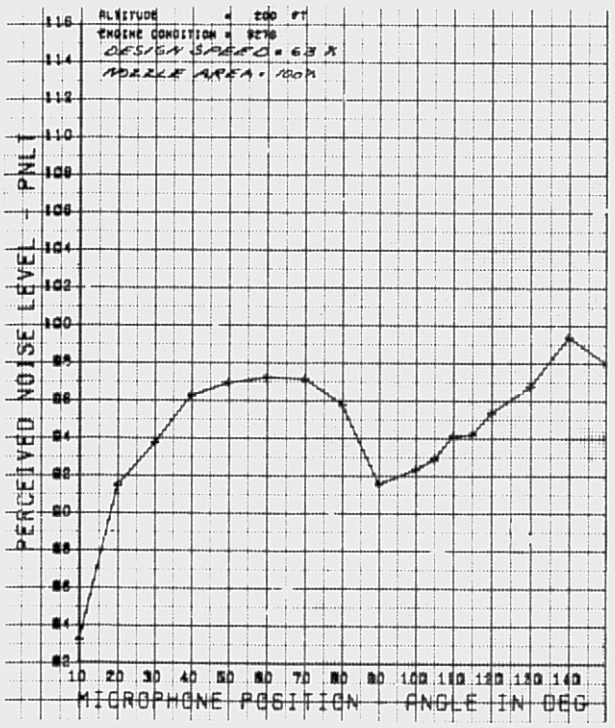


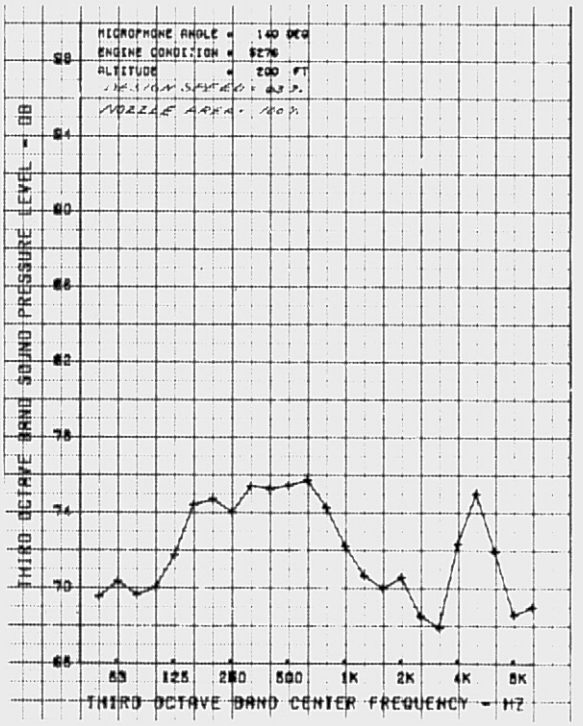


Point No. C(b)-11

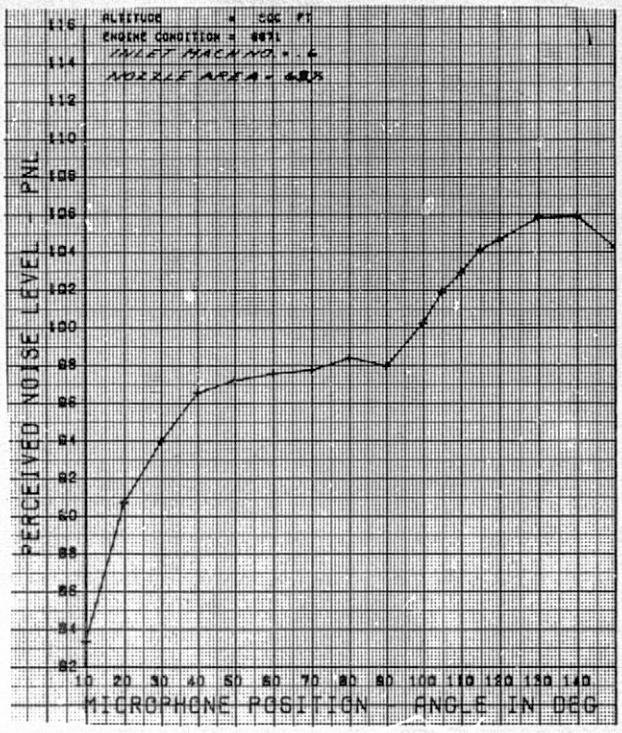


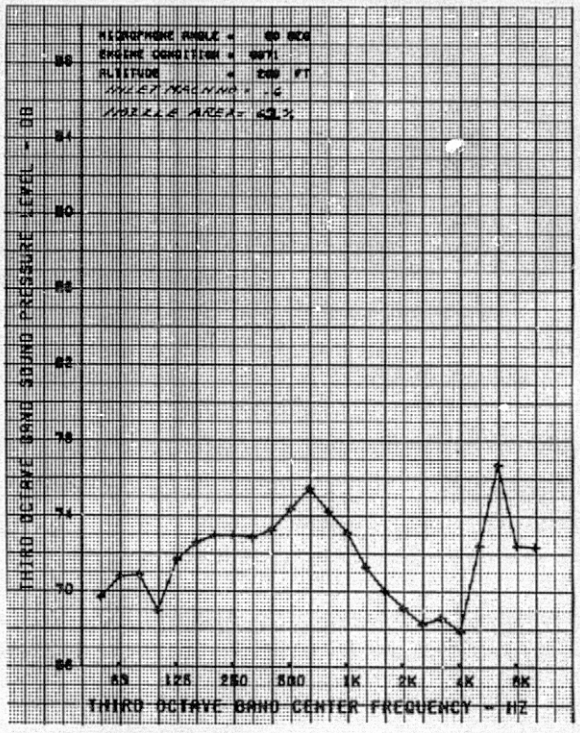


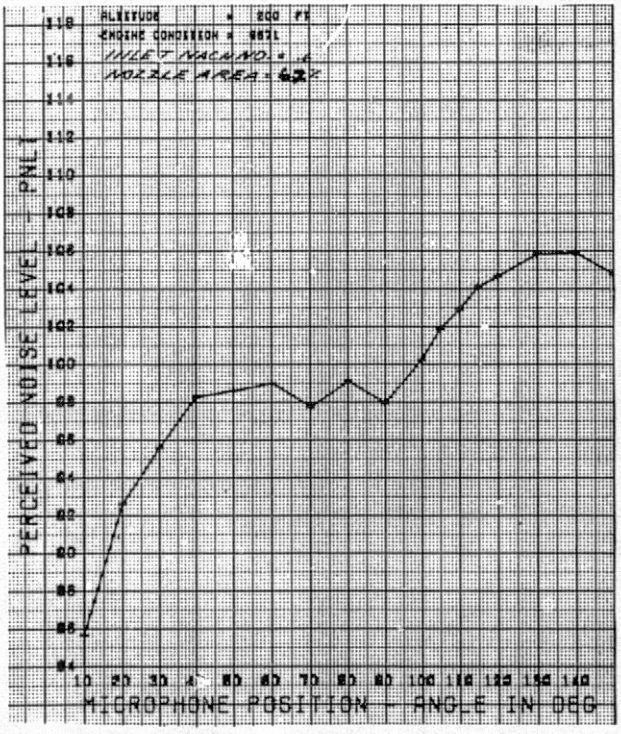


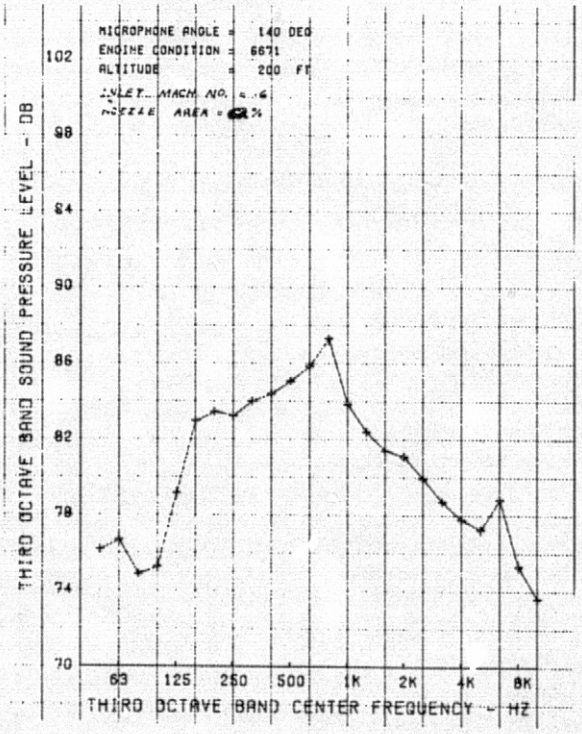


Point No. C(b)-12



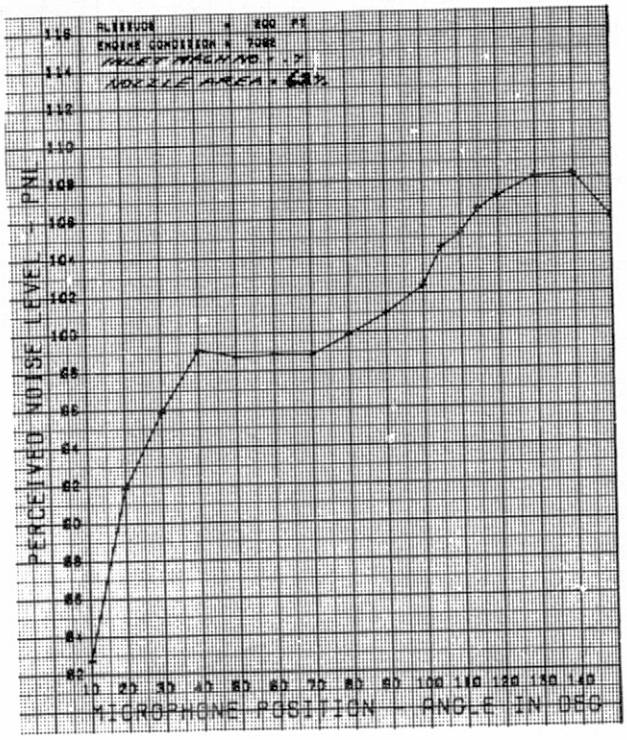


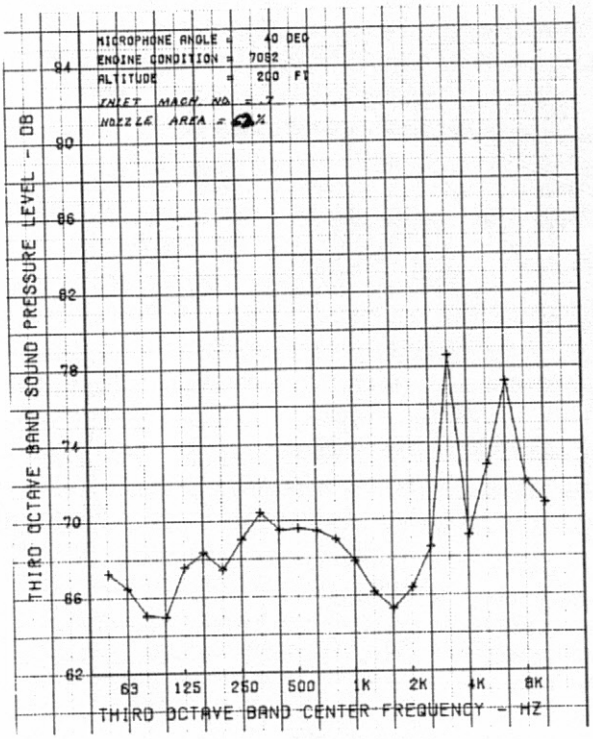


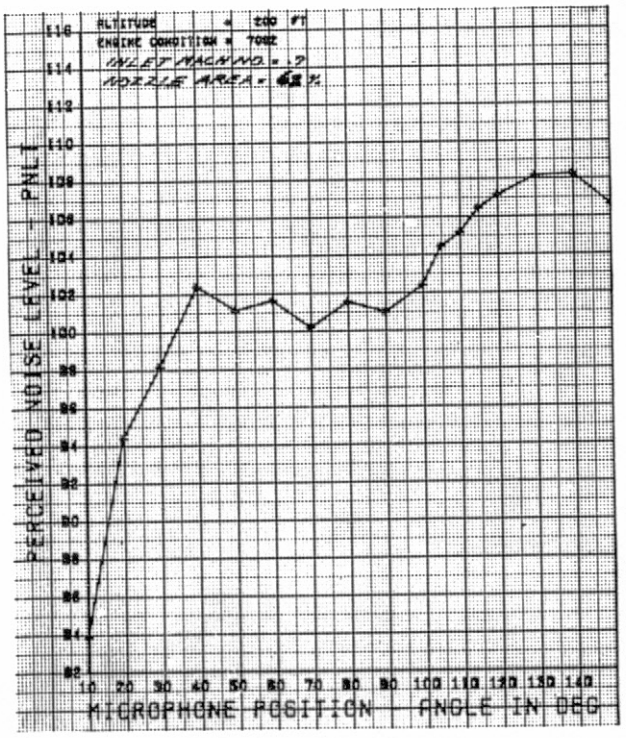


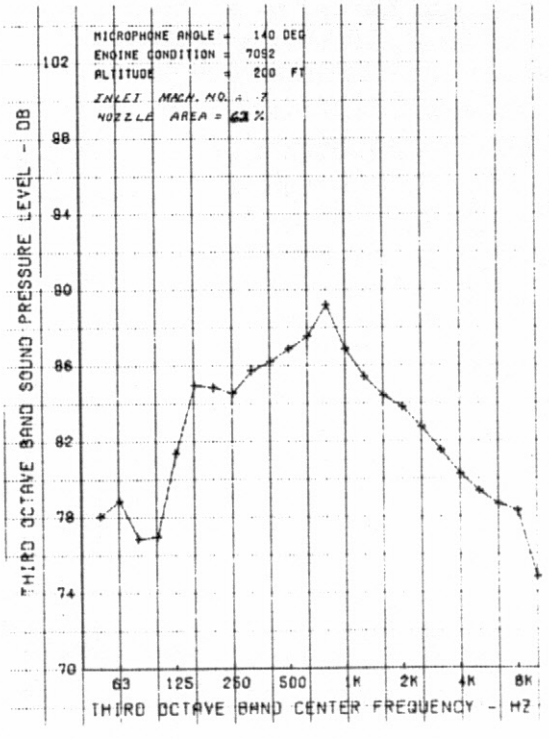
C-3

Point No. C(b)-13

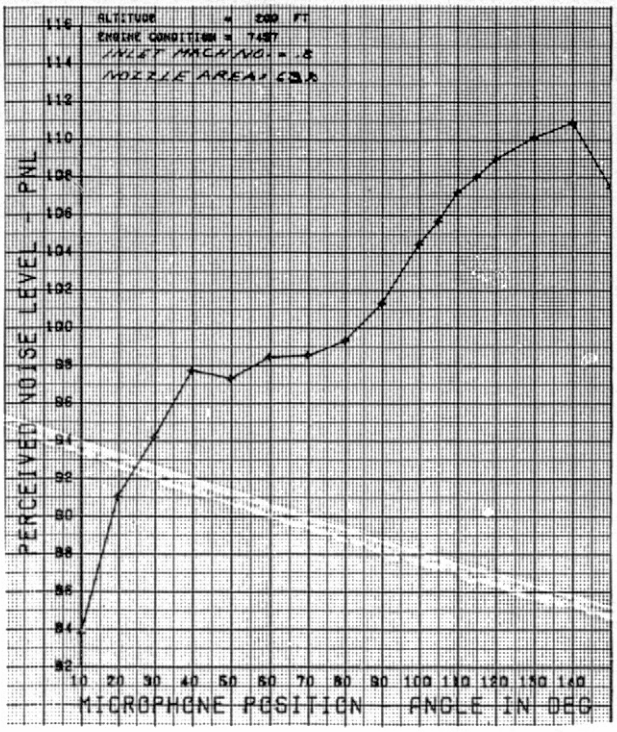


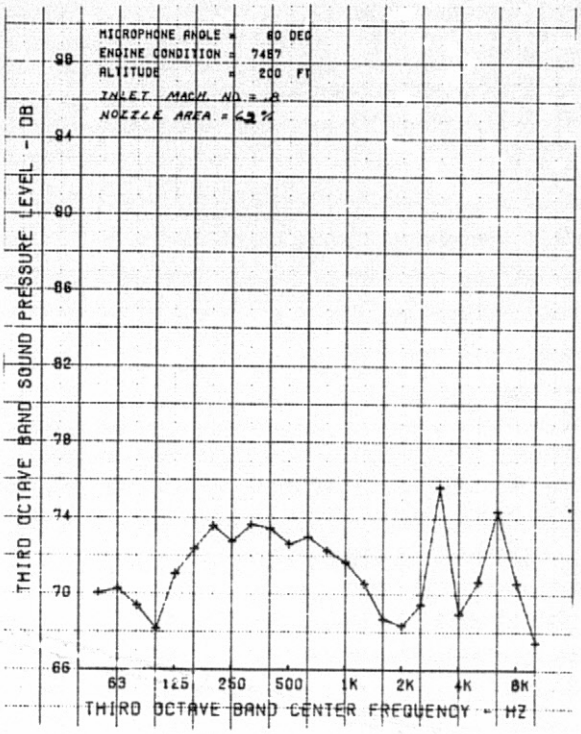


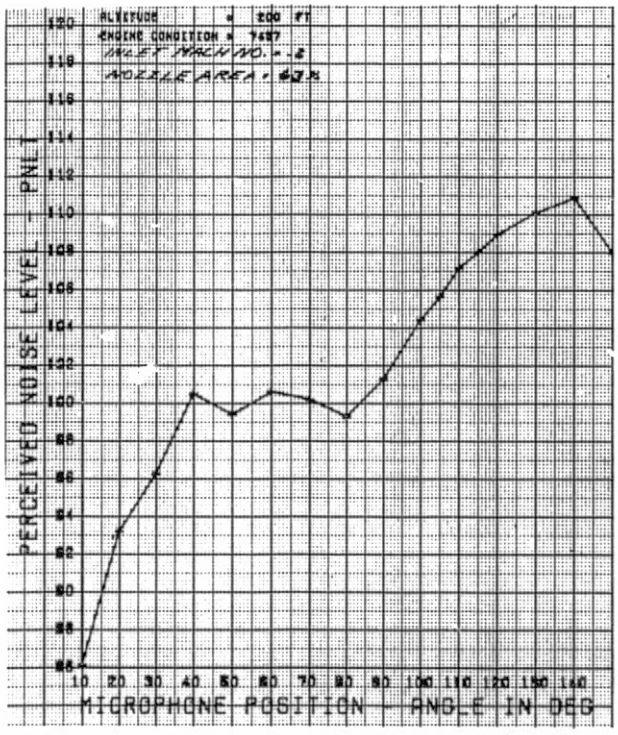


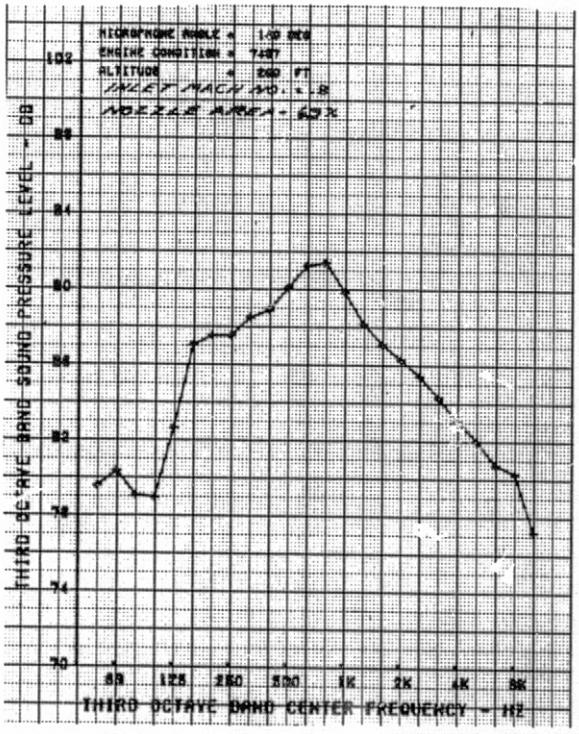


REPRODUCIBILITY OF THE
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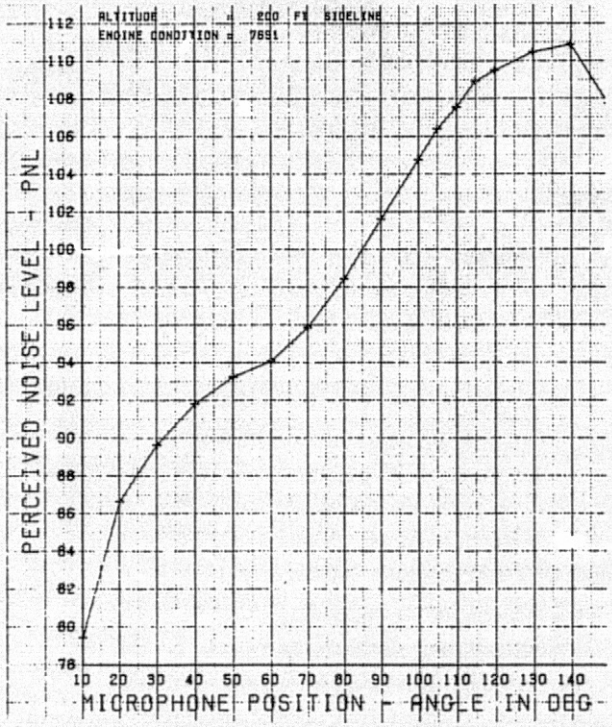

ALTITUDE = 200 FT
ENGINE CONDITION = 7487
INLET MACH NO. = .8
NOZZLE AREA = 63%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

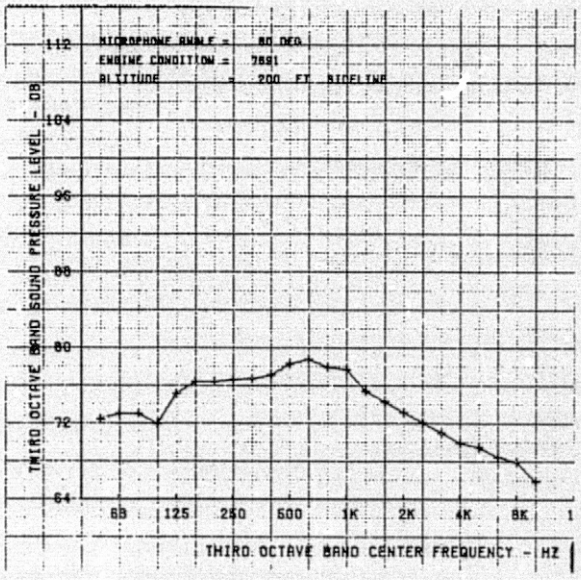

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 7487
ALTITUDE = 200 FT
INLET MACH NO. = .8
NOZZLE AREA = 63%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

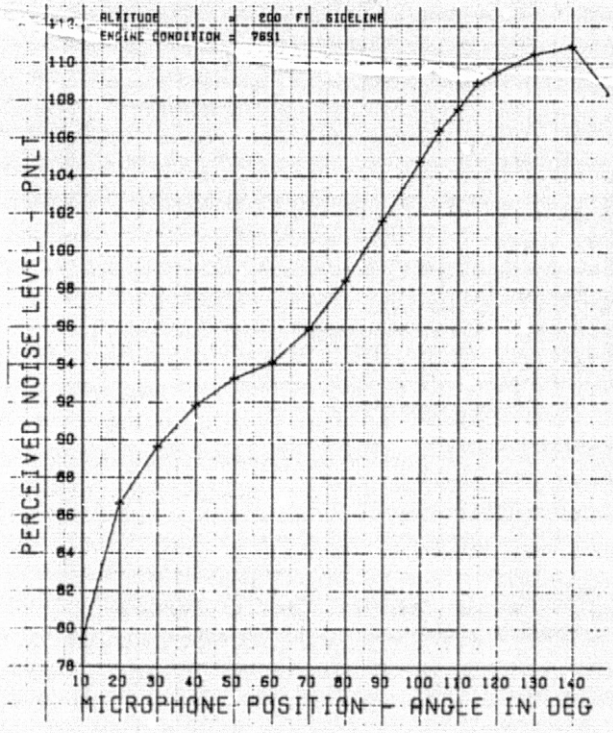

ALTITUDE = 200 FT
ENGINE CONDITION = 7487
INLET MACH NO. = .8
NOZZLE AREA = 63%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

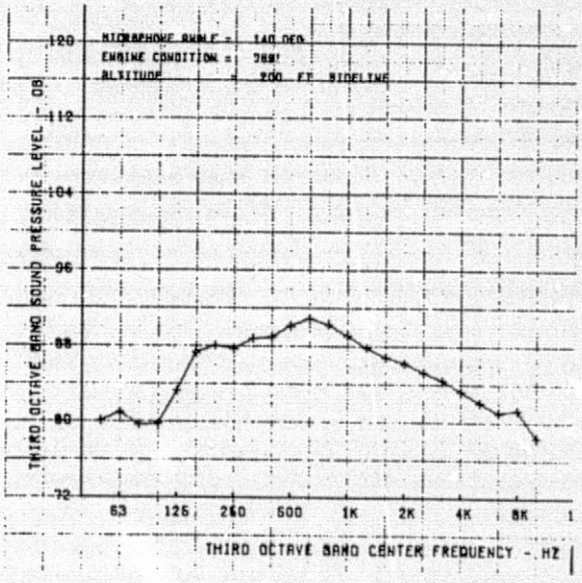

MICROPHONE ANGLE = 120 DEG
ENGINE CONDITION = 7487
ALTITUDE = 200 FT
INLET MACH NO. = .8
NOZZLE AREA = 63%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. C(b)-15

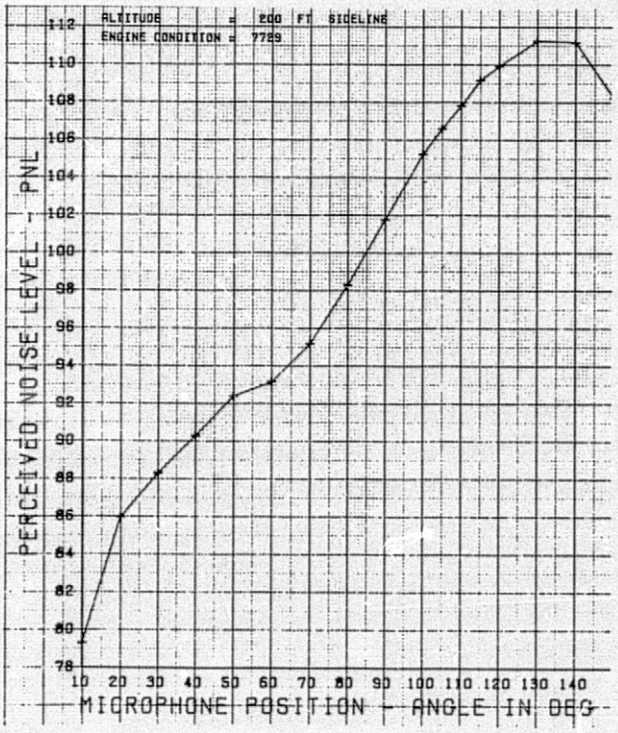


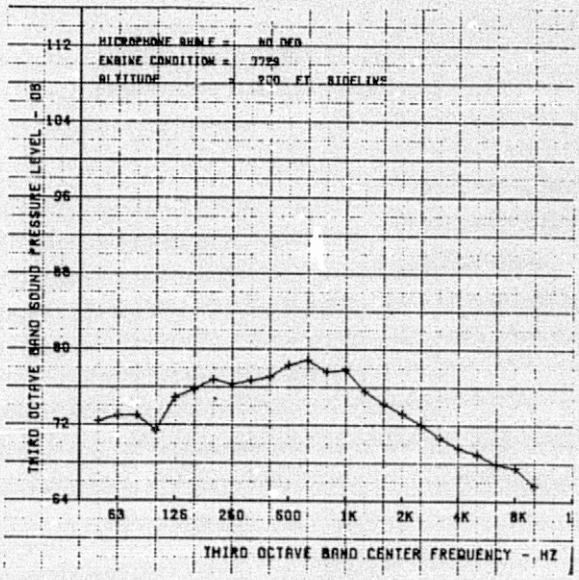


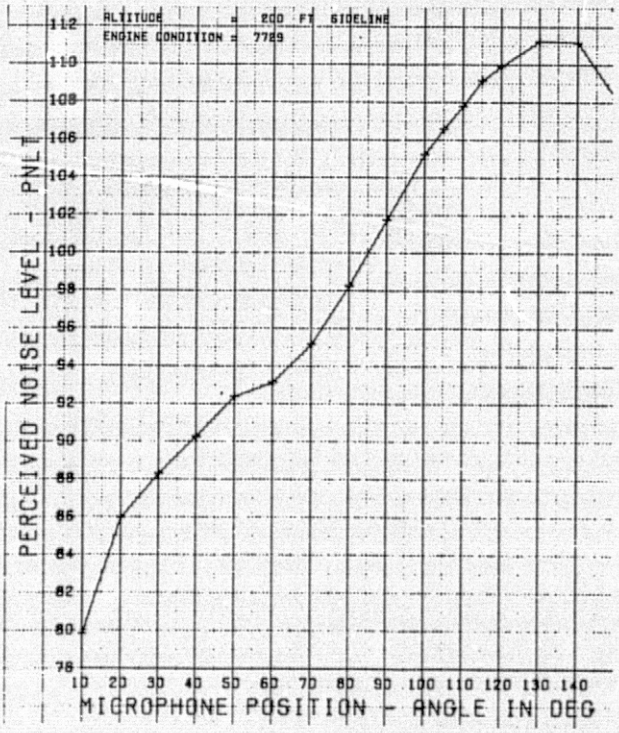


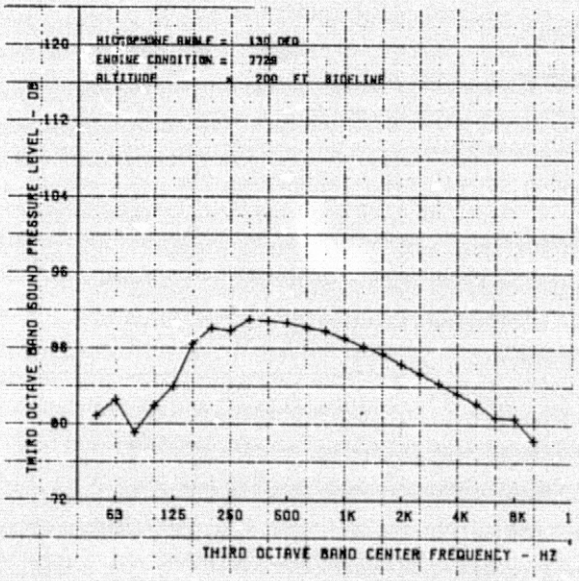


Point No. C(b)-16

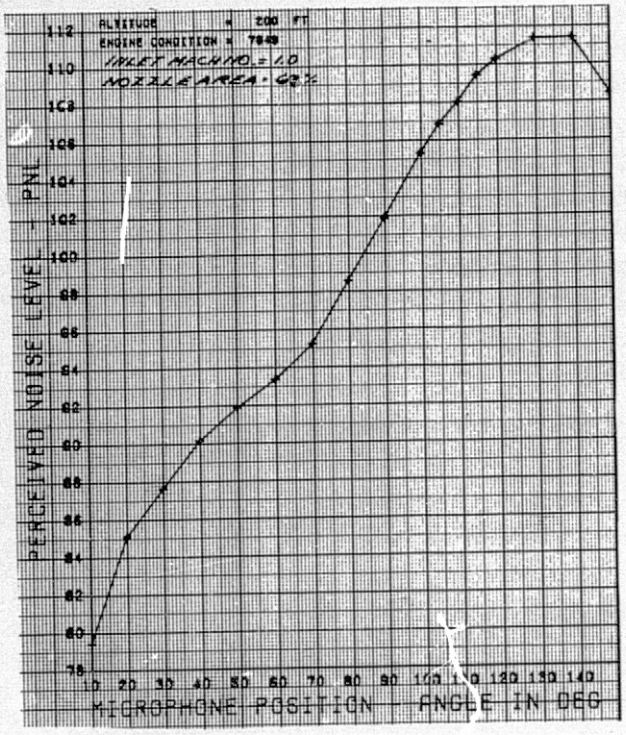


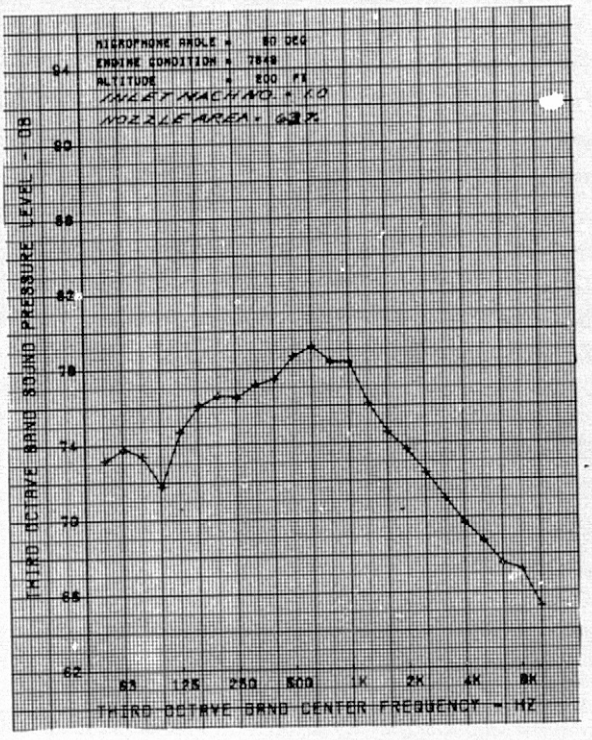


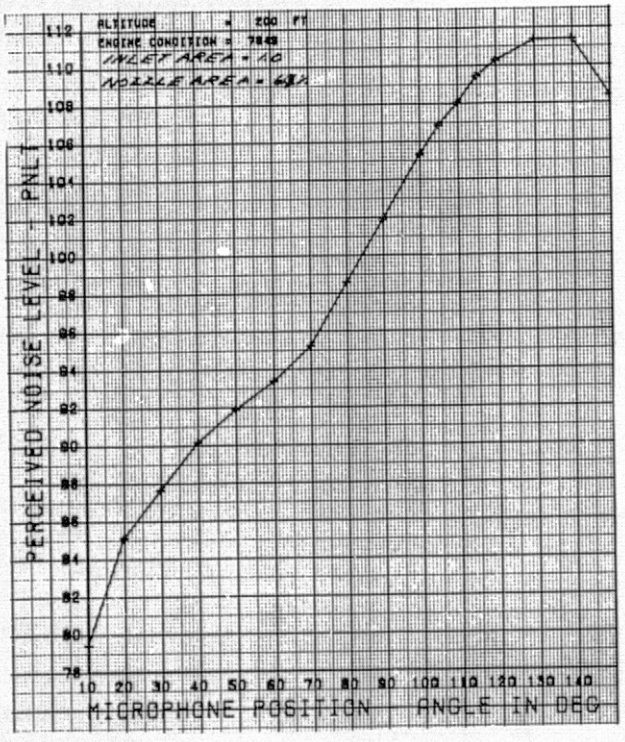


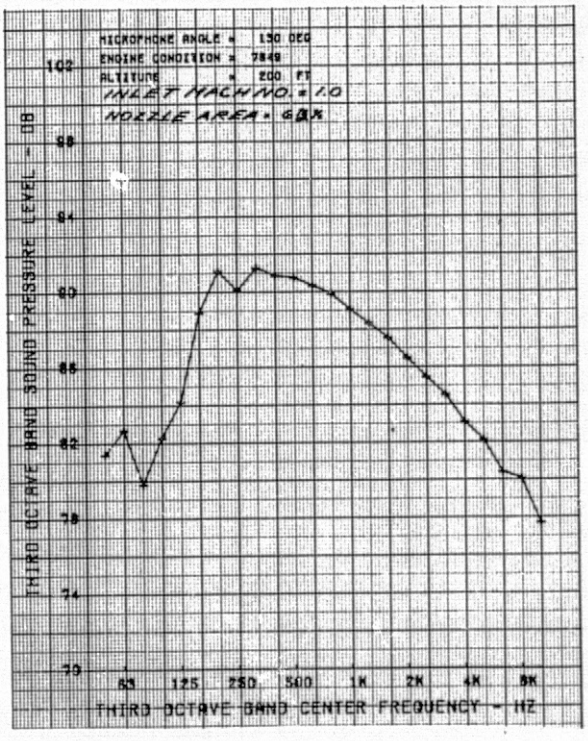


Point No. C(b)-17



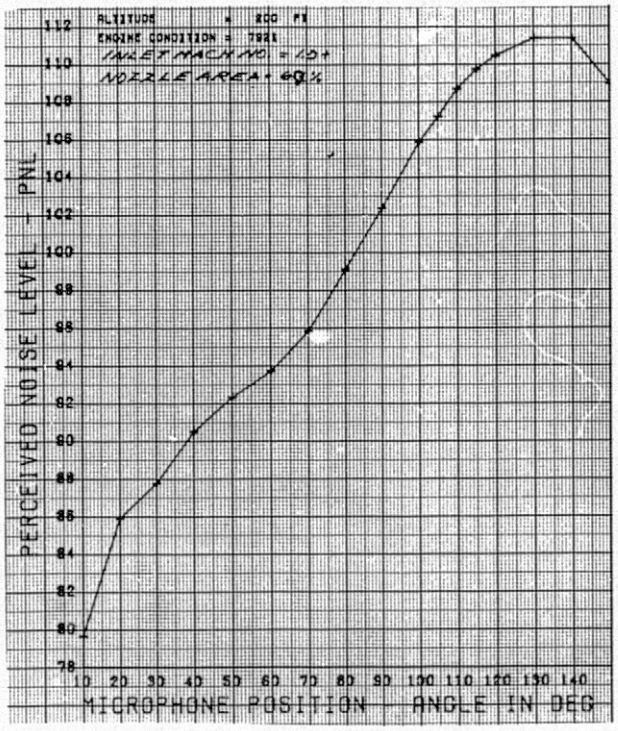


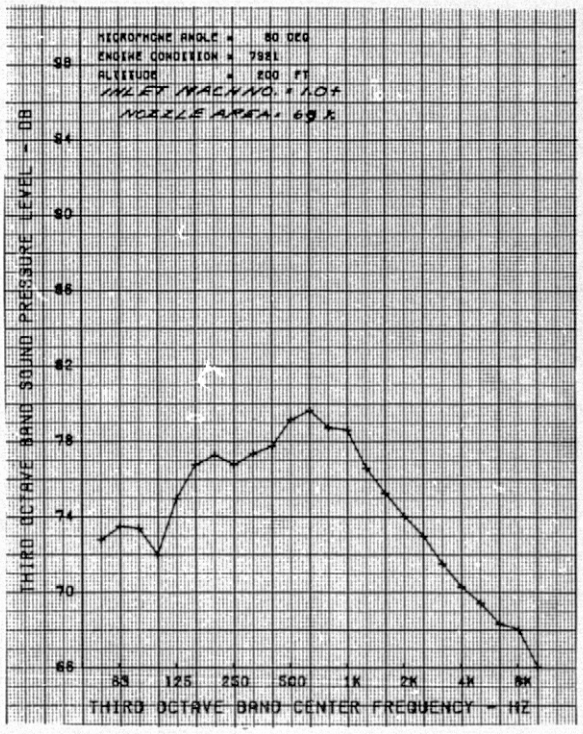


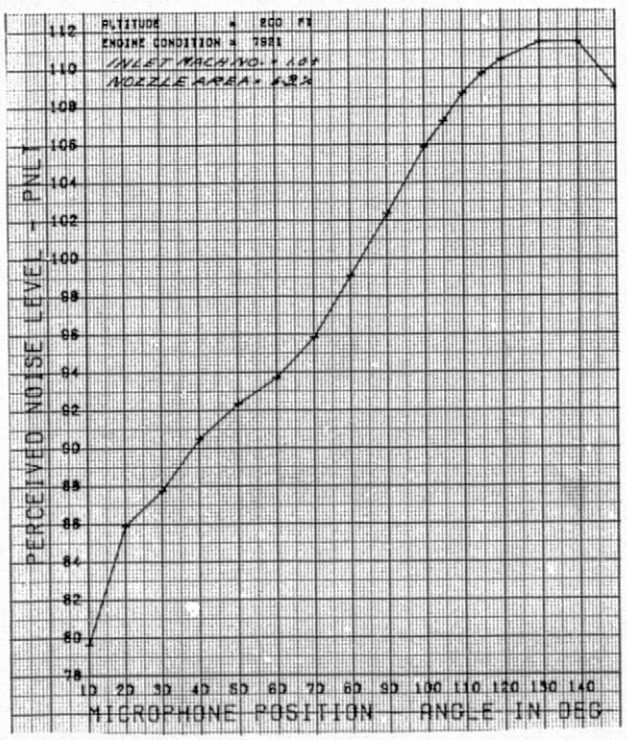


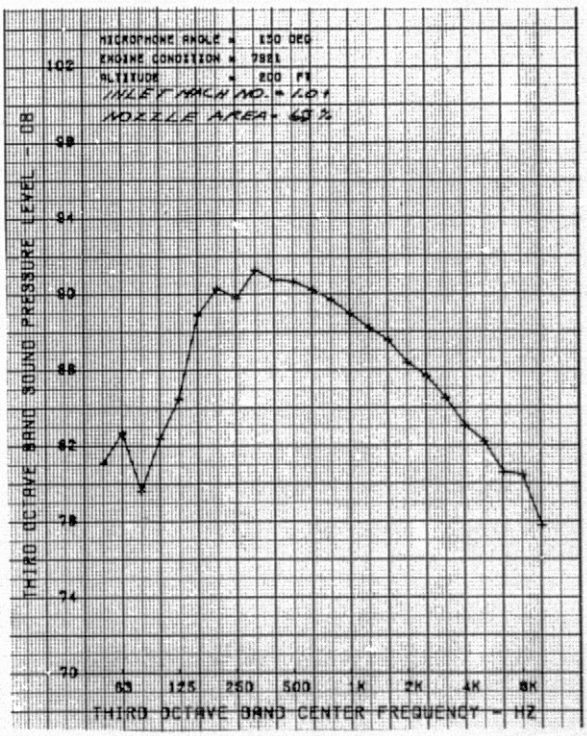
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Point No. C(b)-18

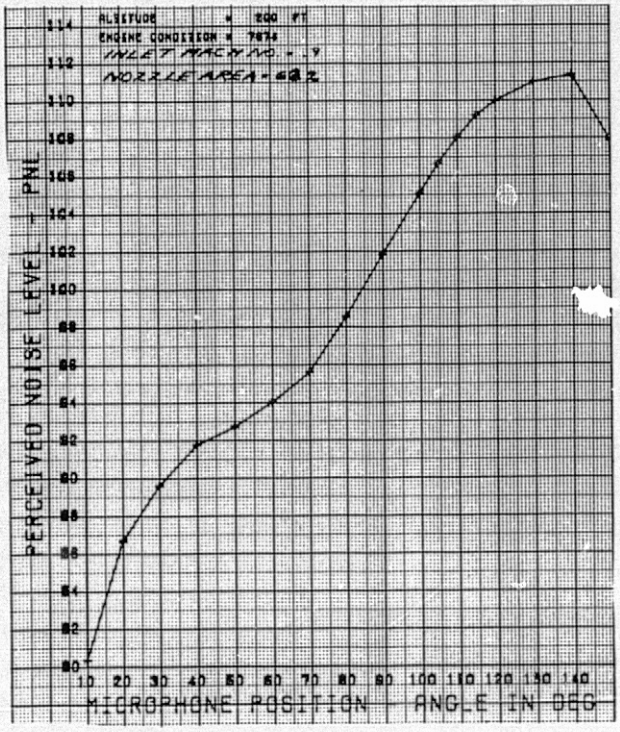


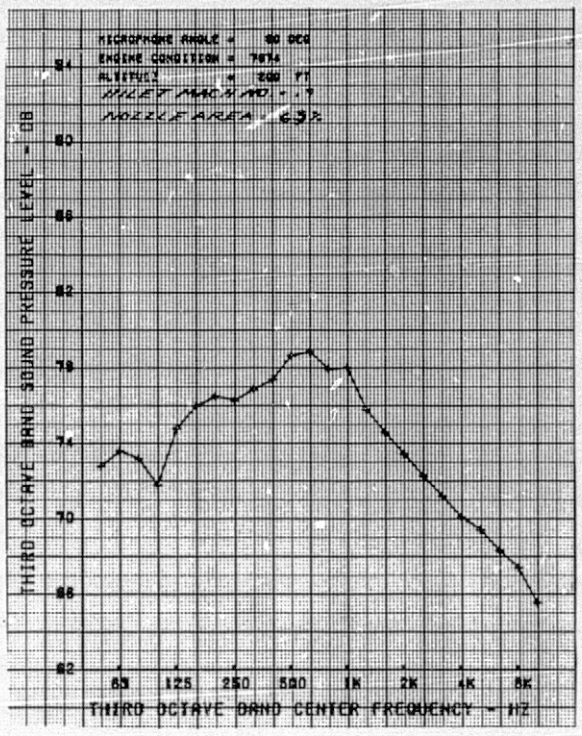


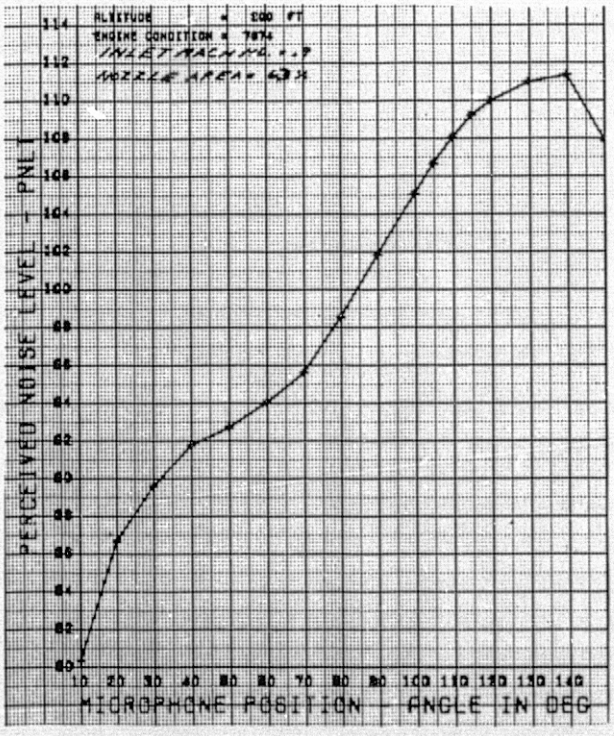


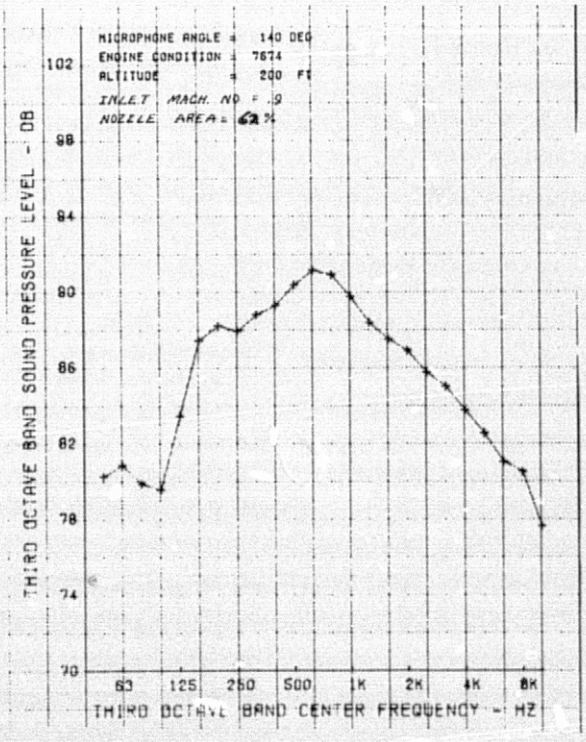


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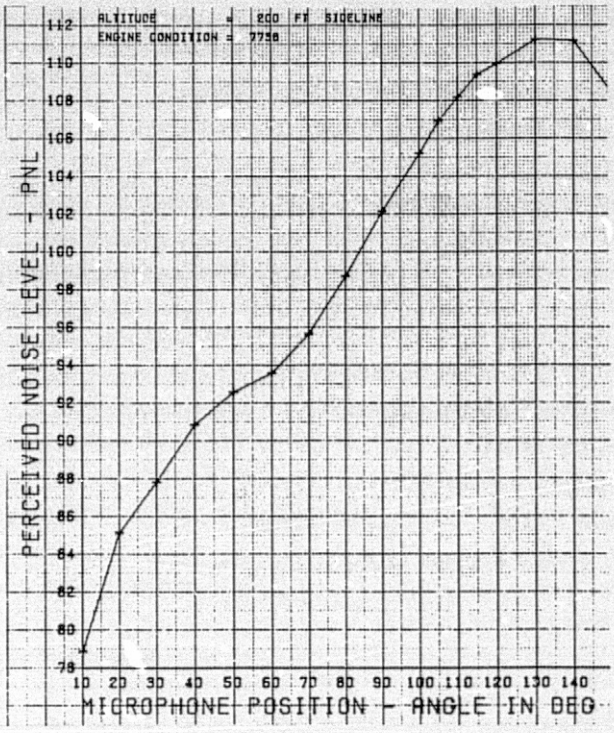


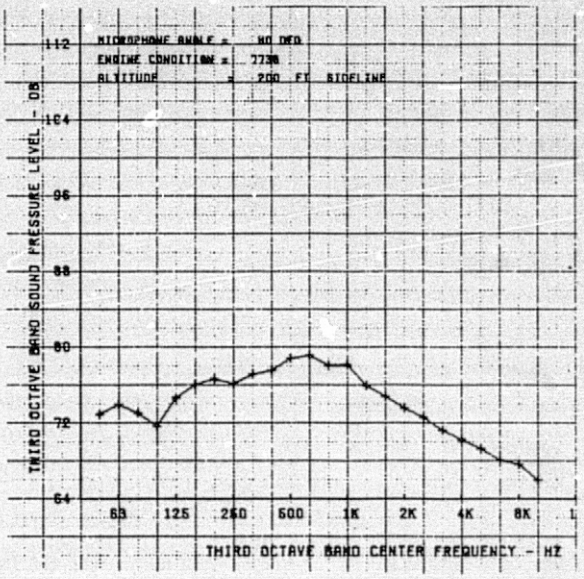


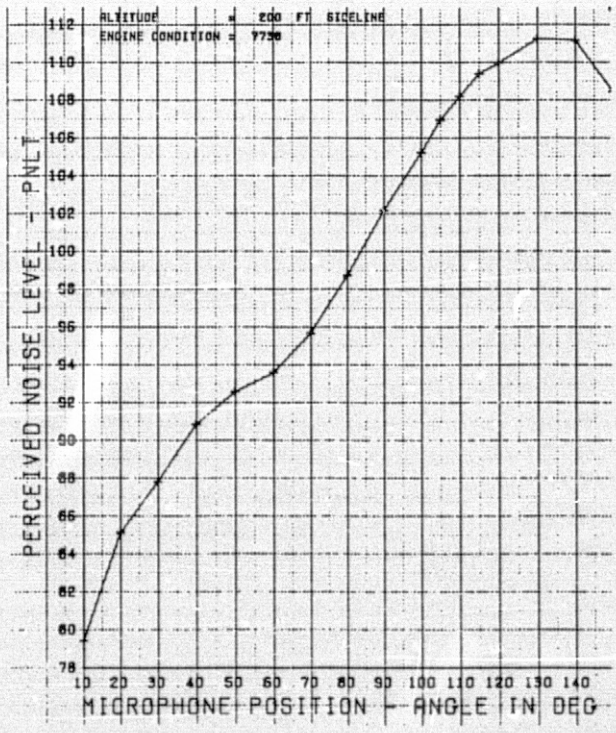


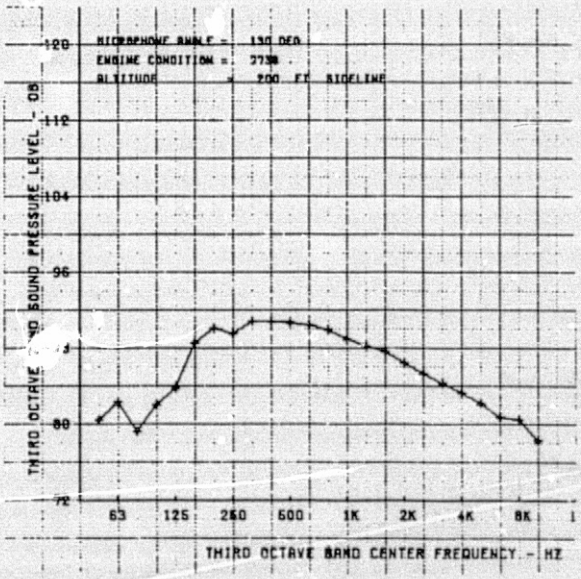


Point No. C(b)-20

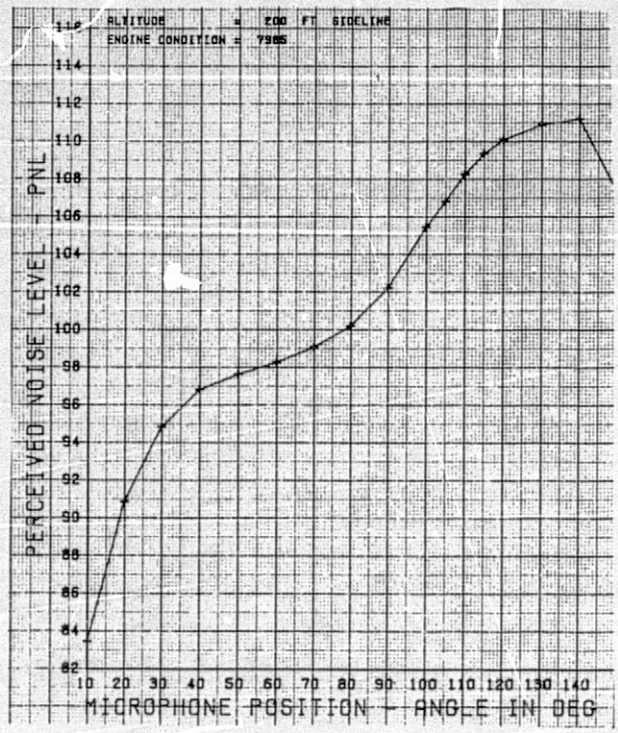


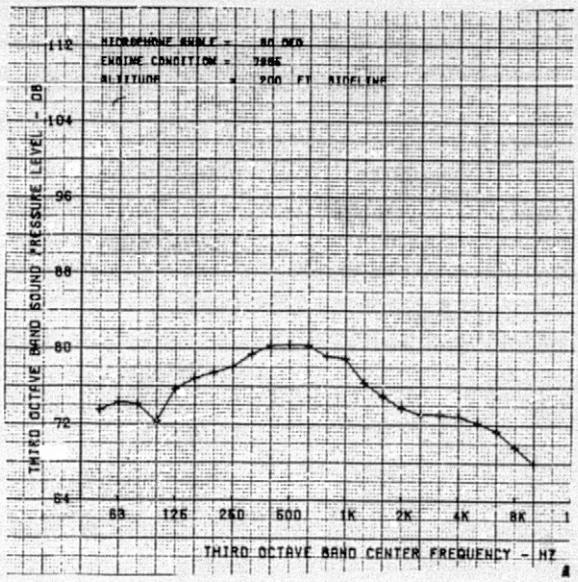


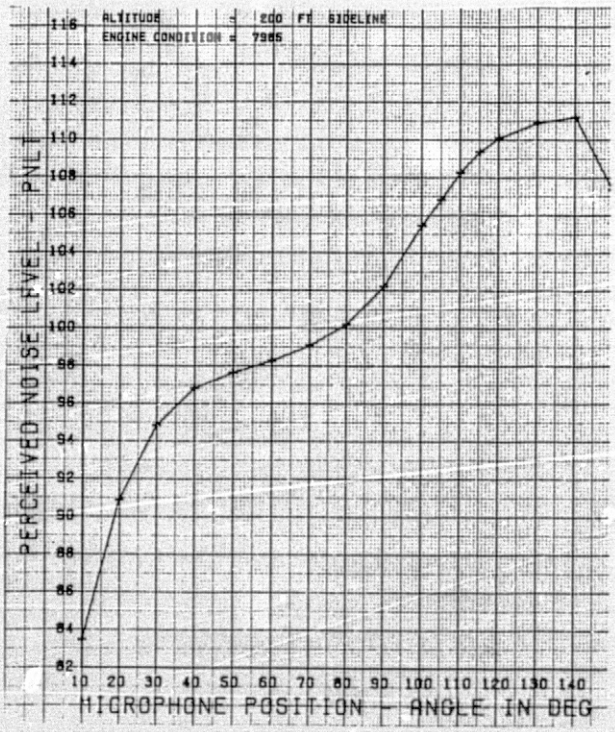


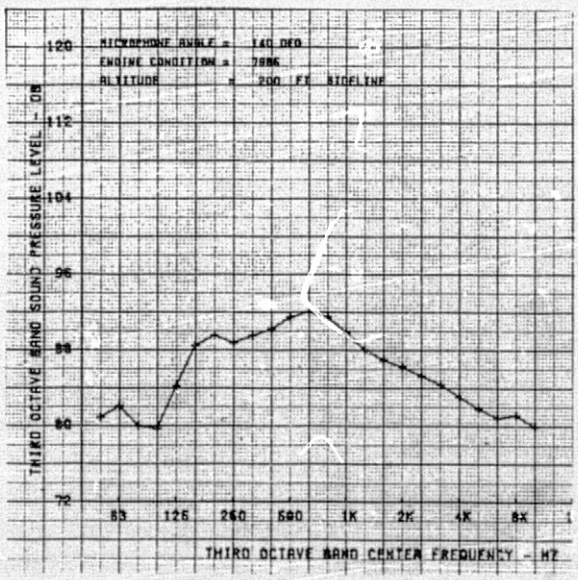


Point No. C(b)-21



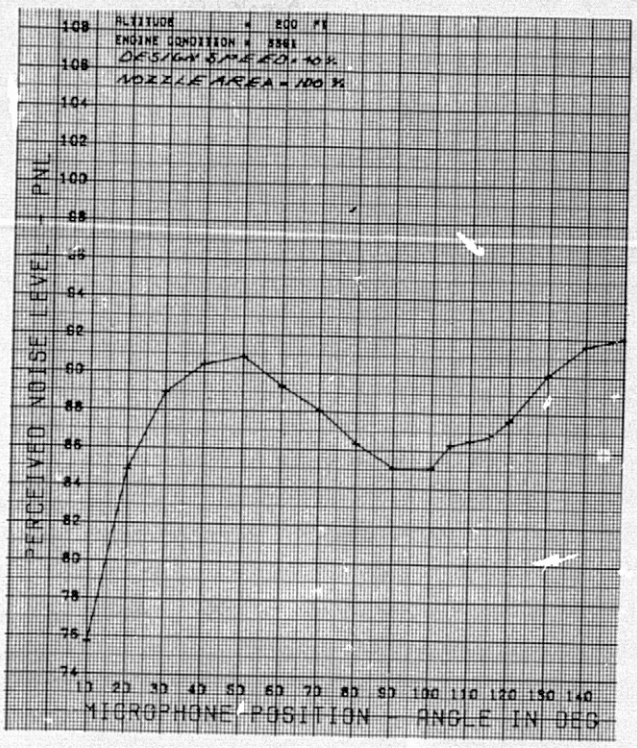


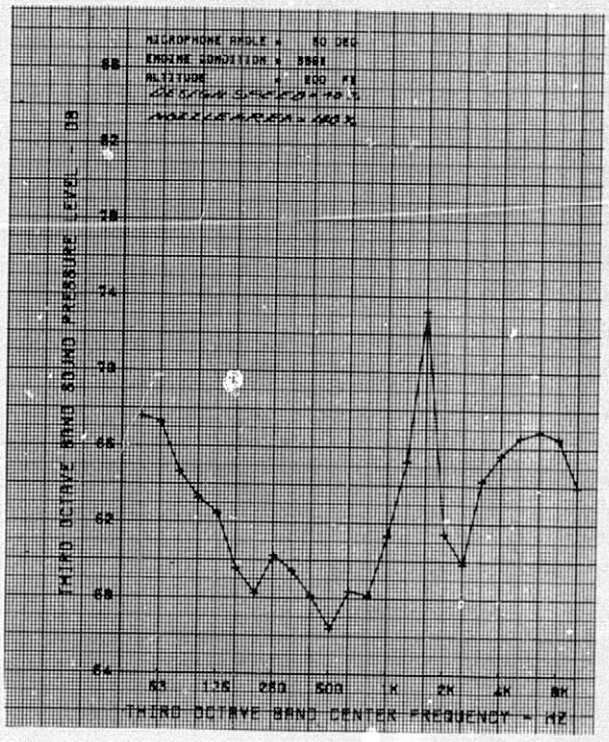


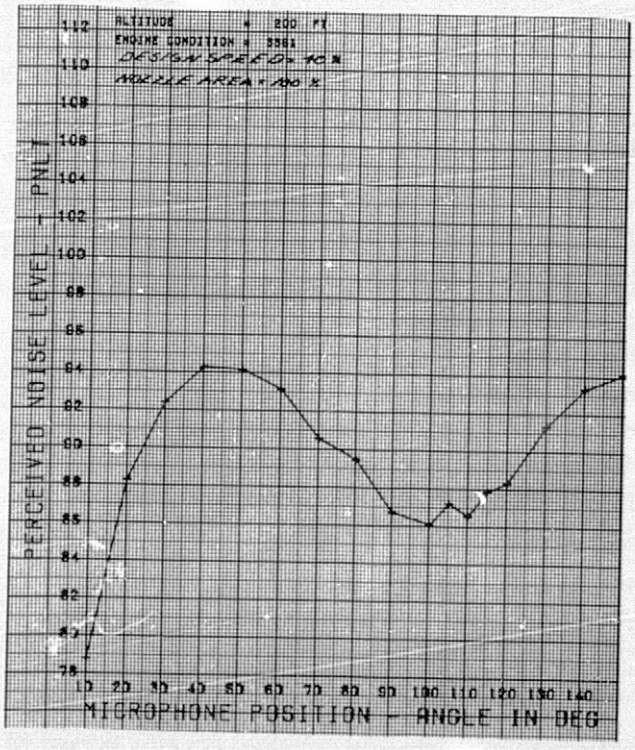


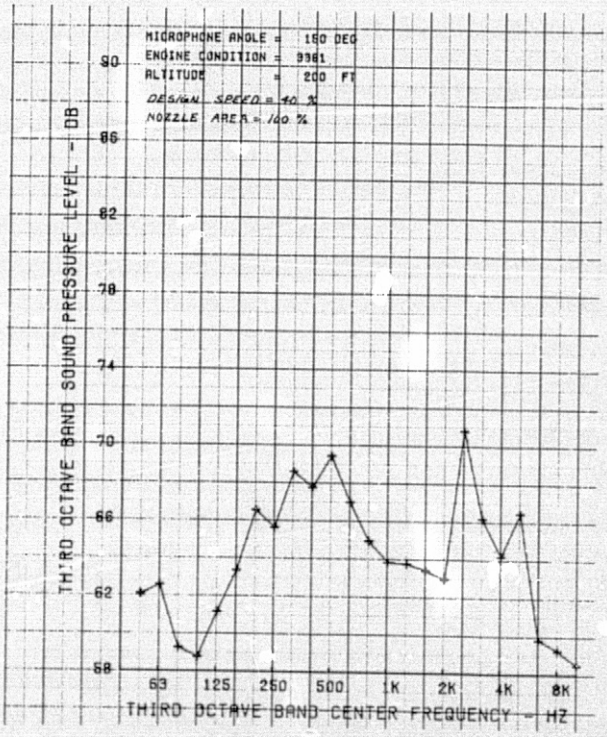
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Point No. C (c)-22

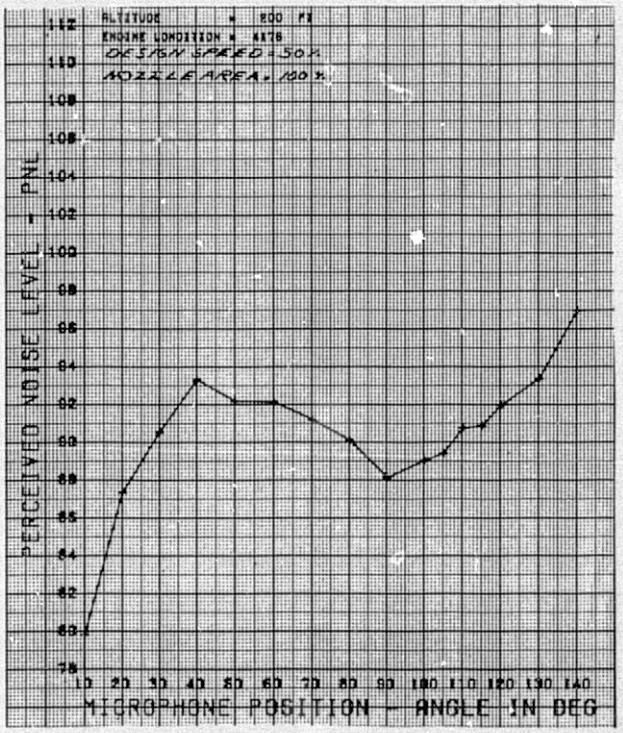


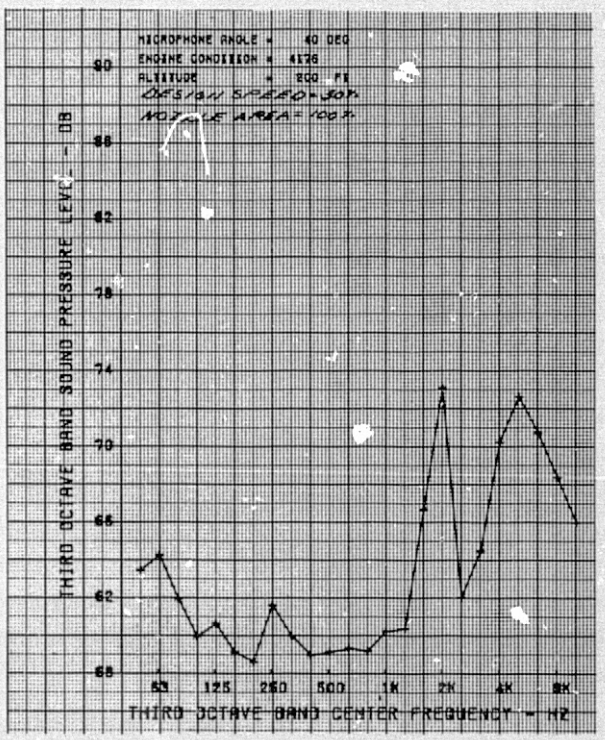


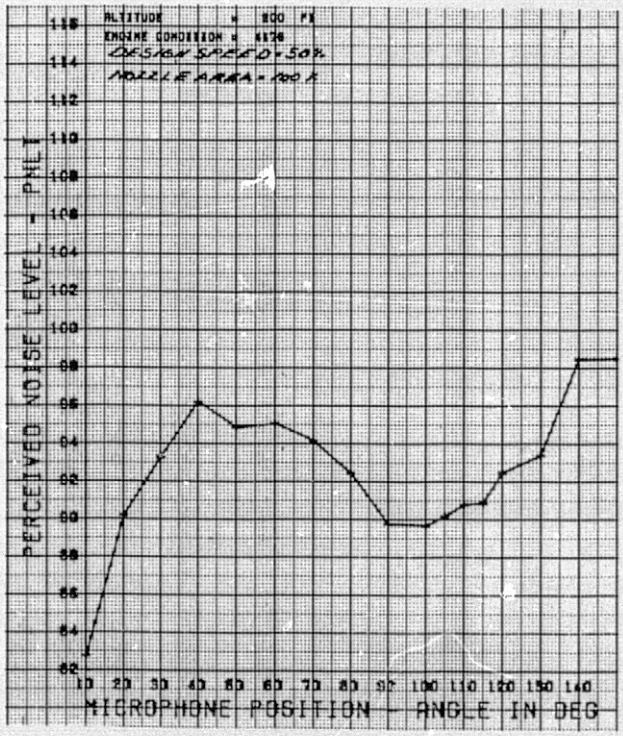


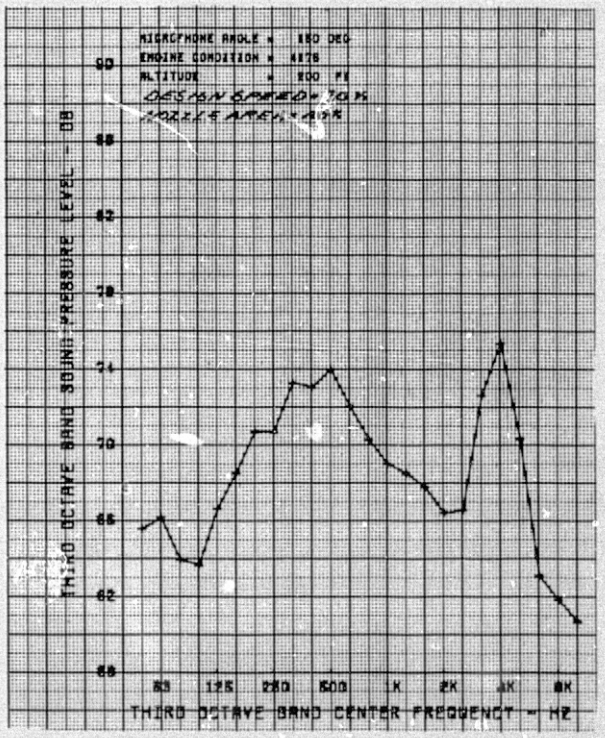


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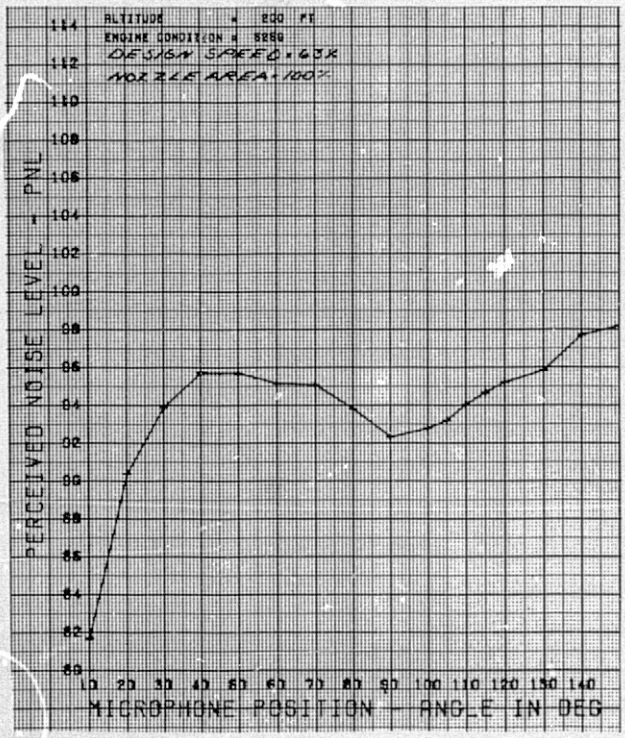


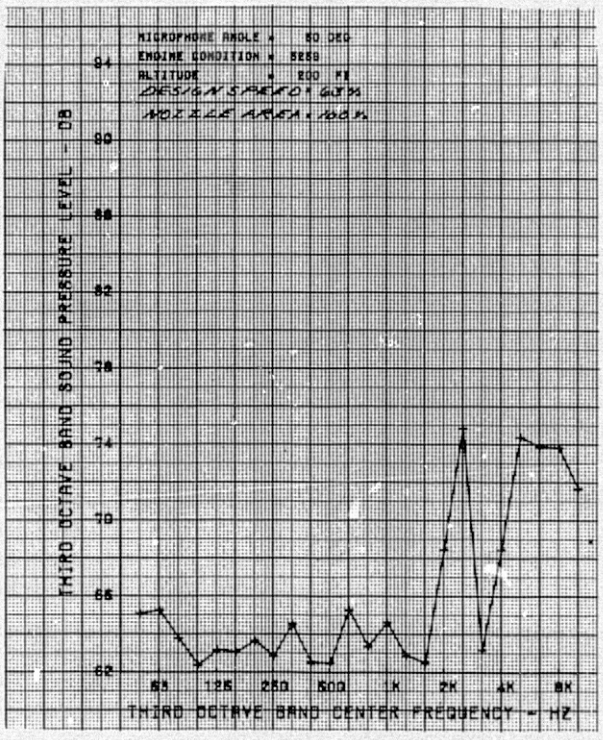


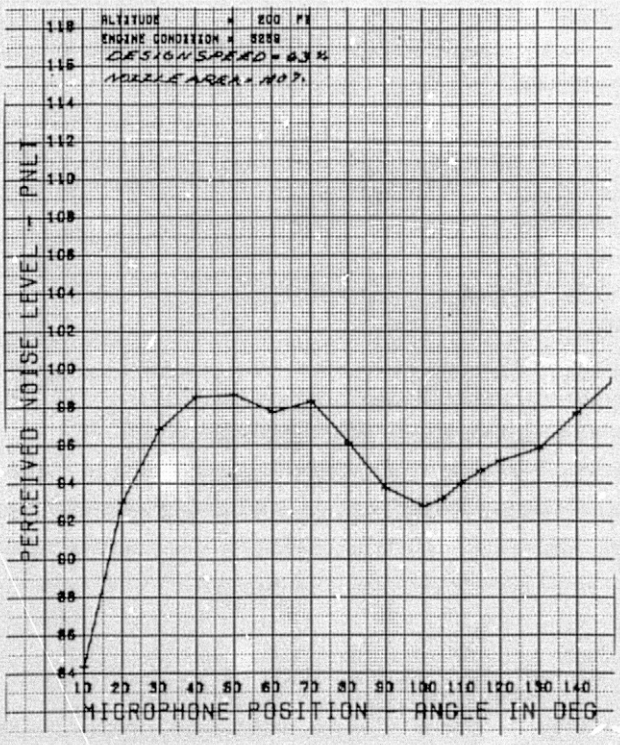


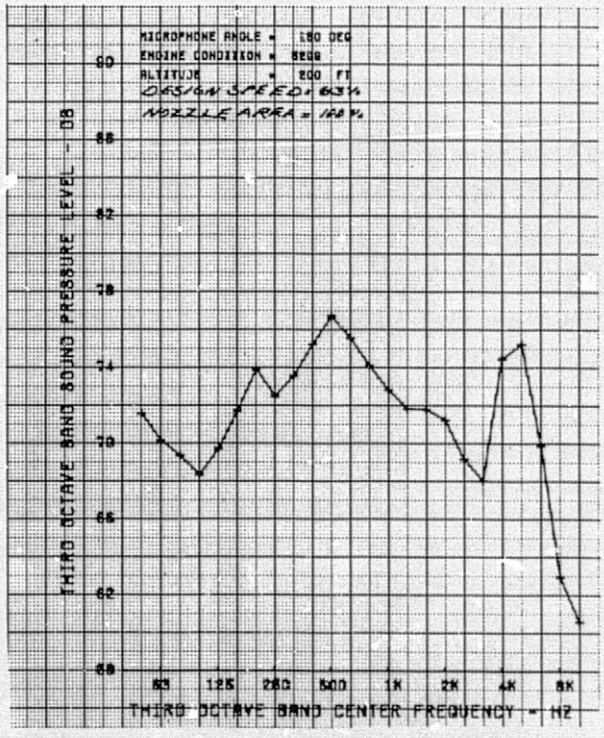


Point No. C(c)-24

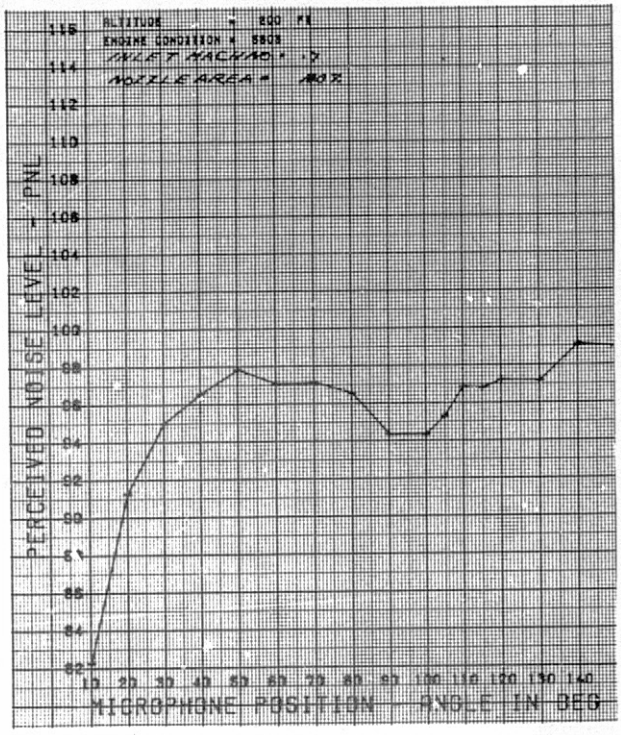


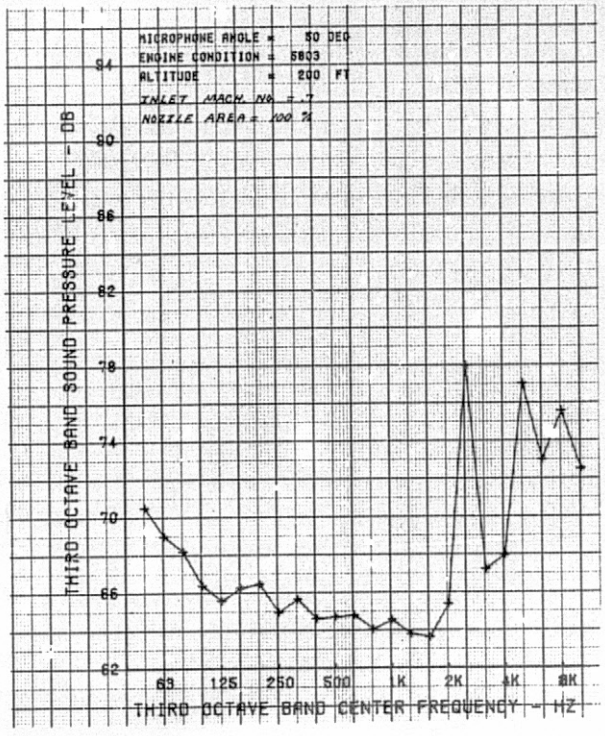


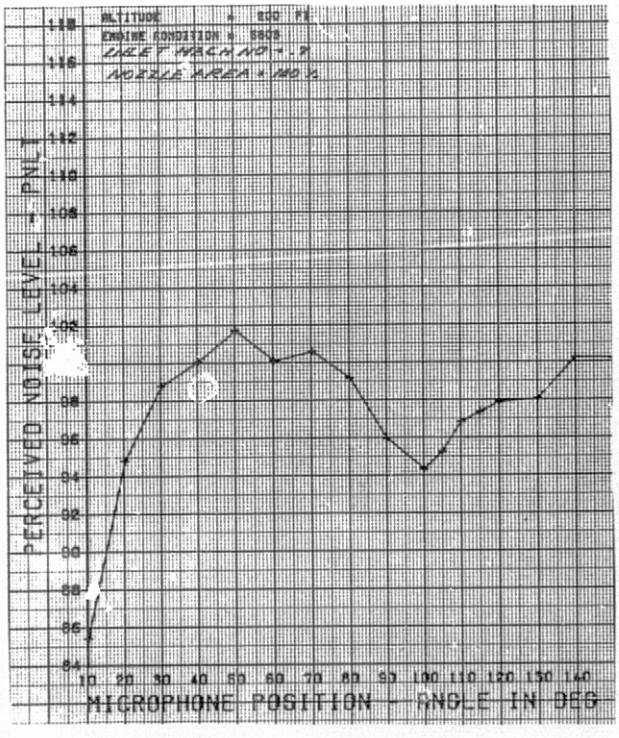


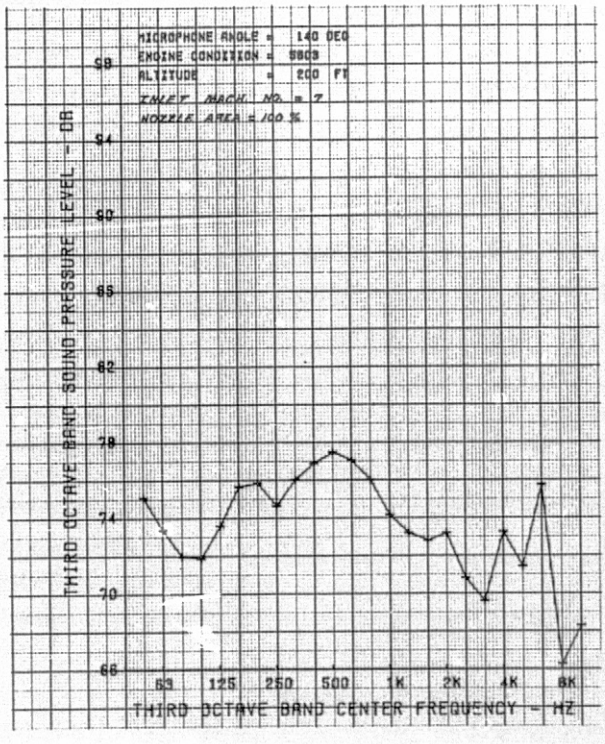


Point No. C(c)-25



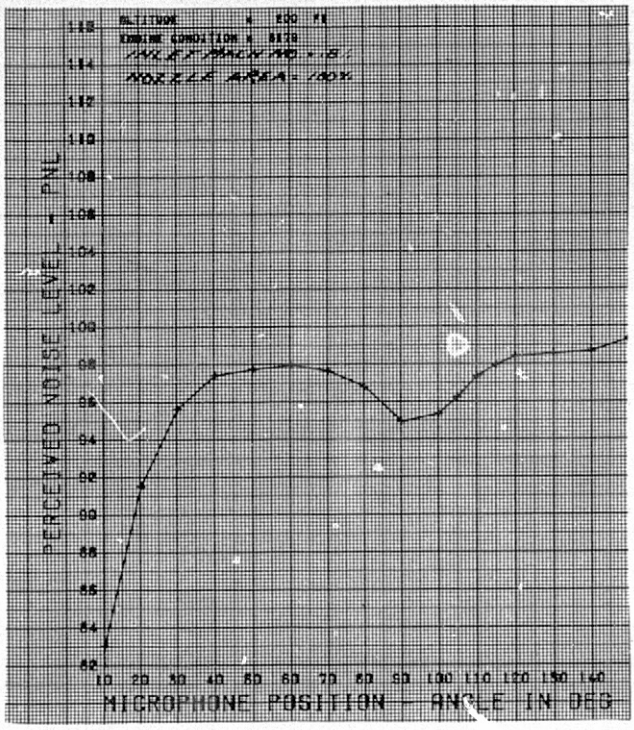


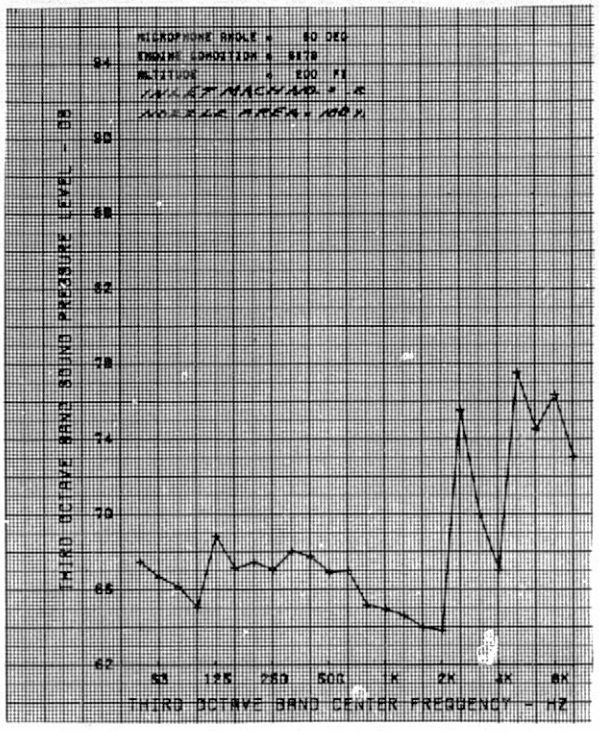


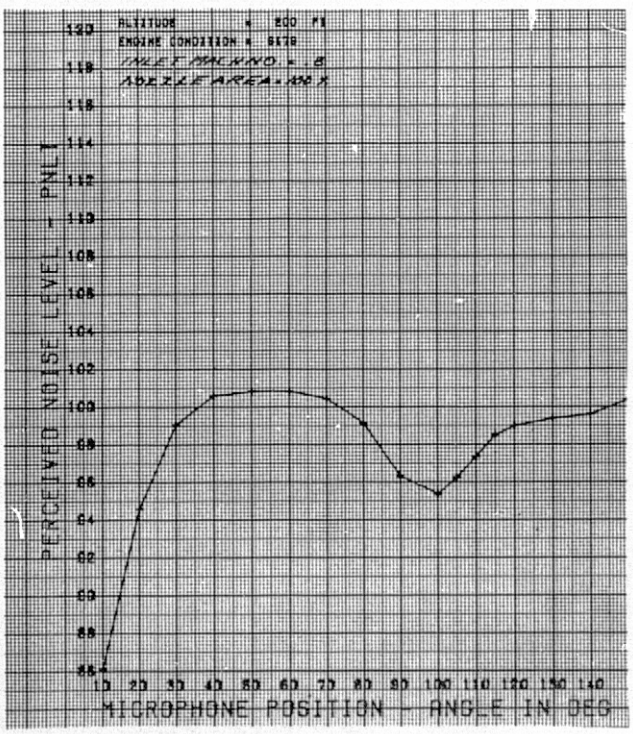


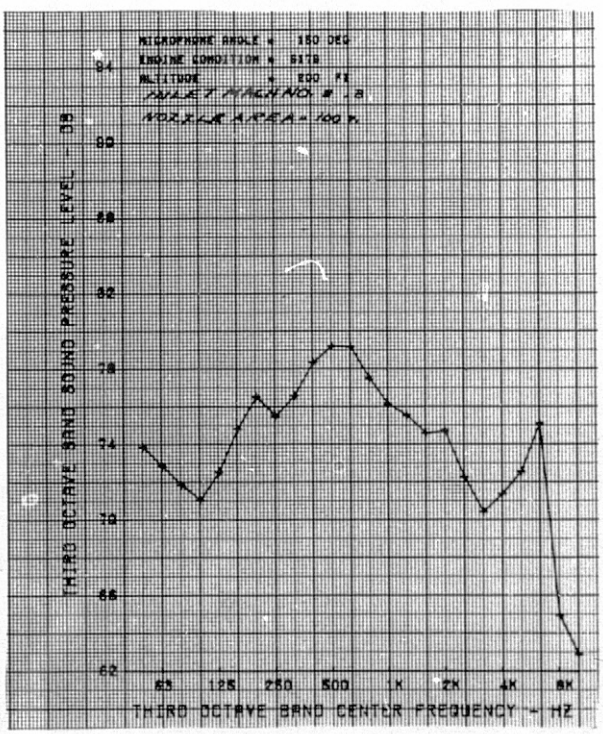
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Point No. C(c)-26

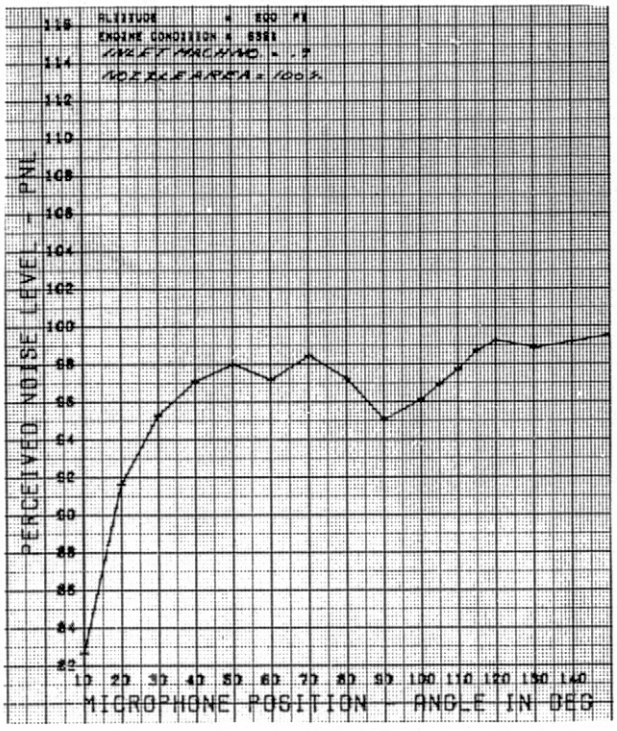


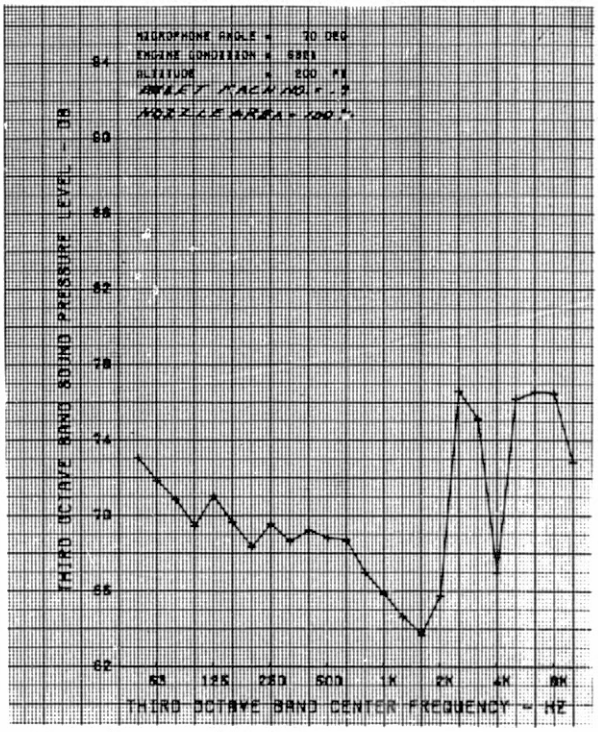


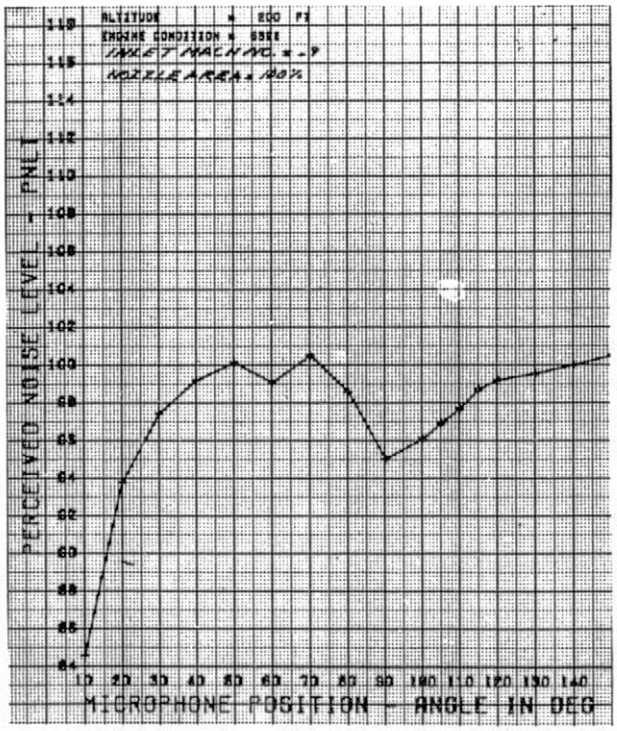


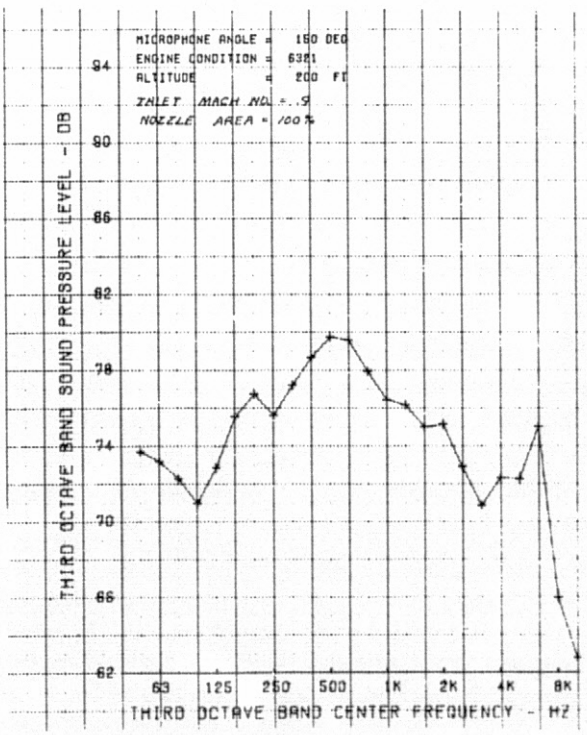


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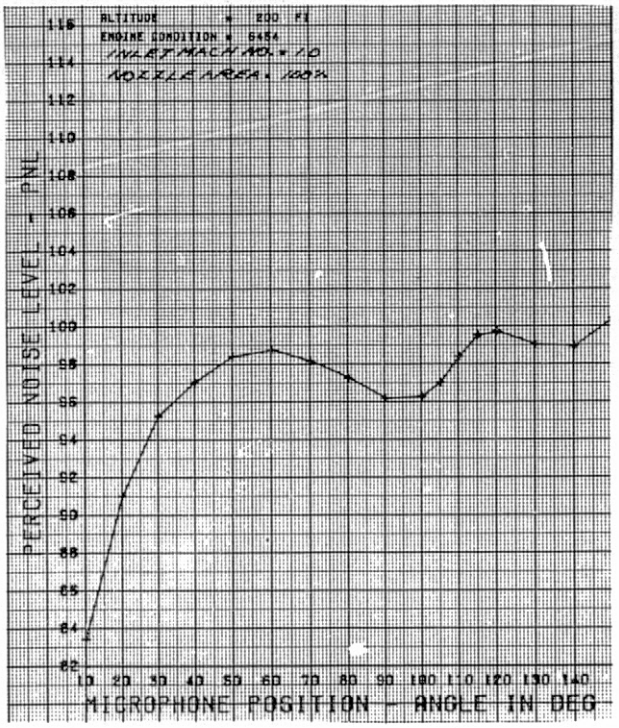


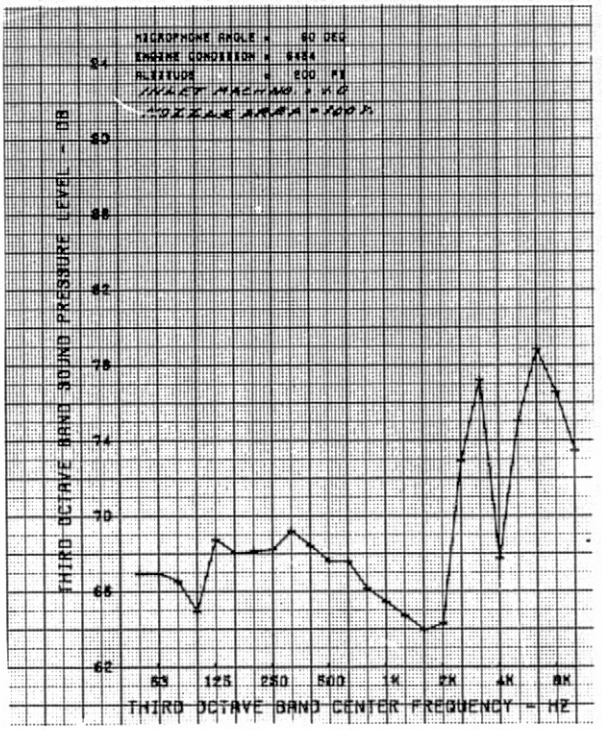


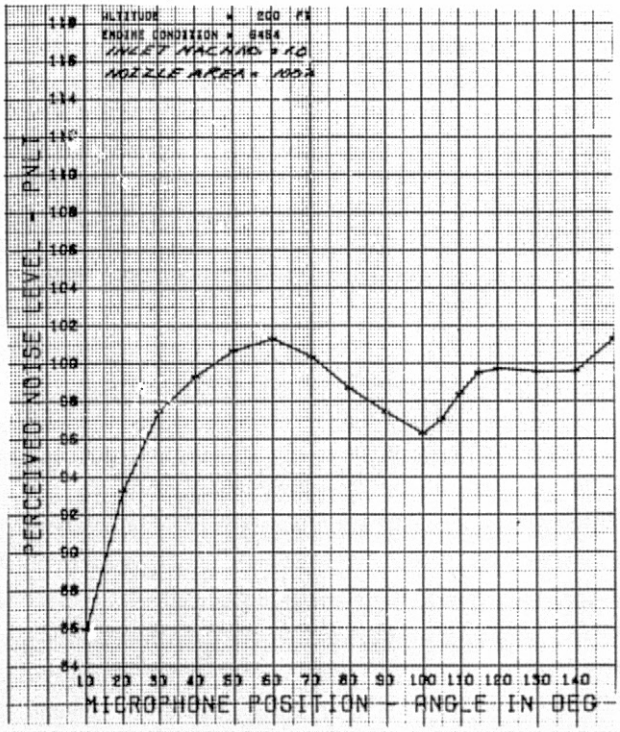


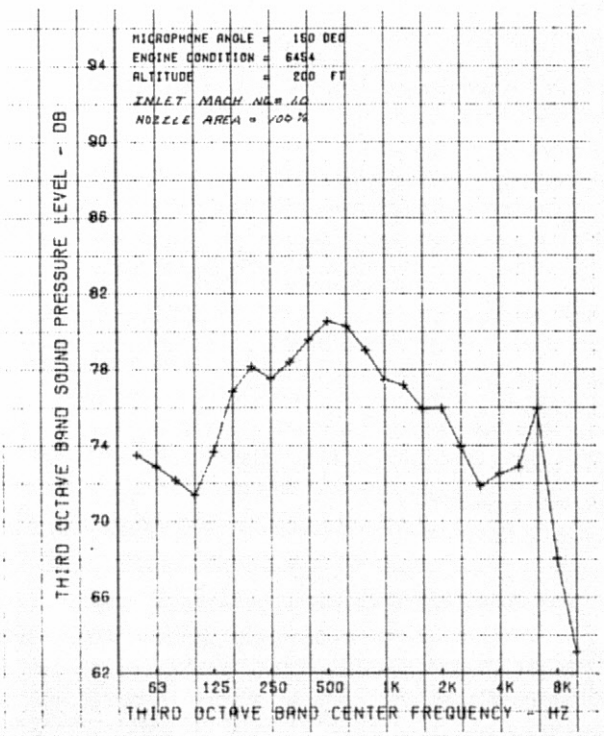


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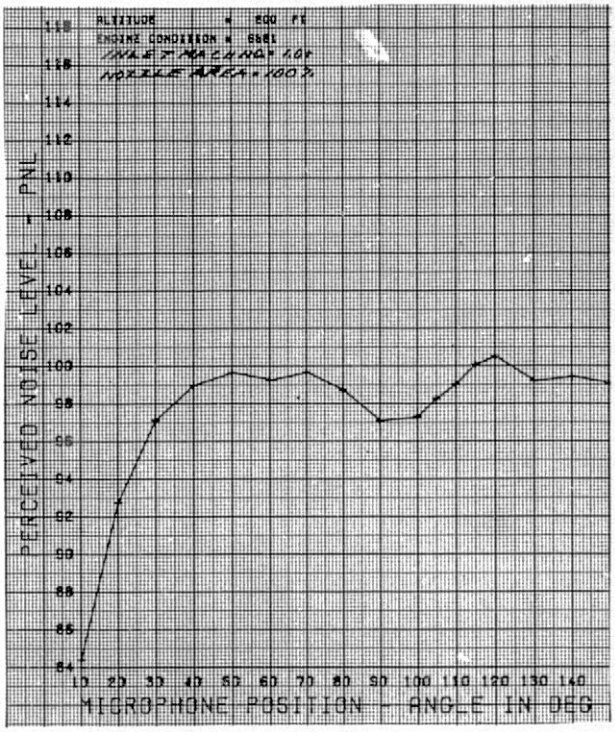


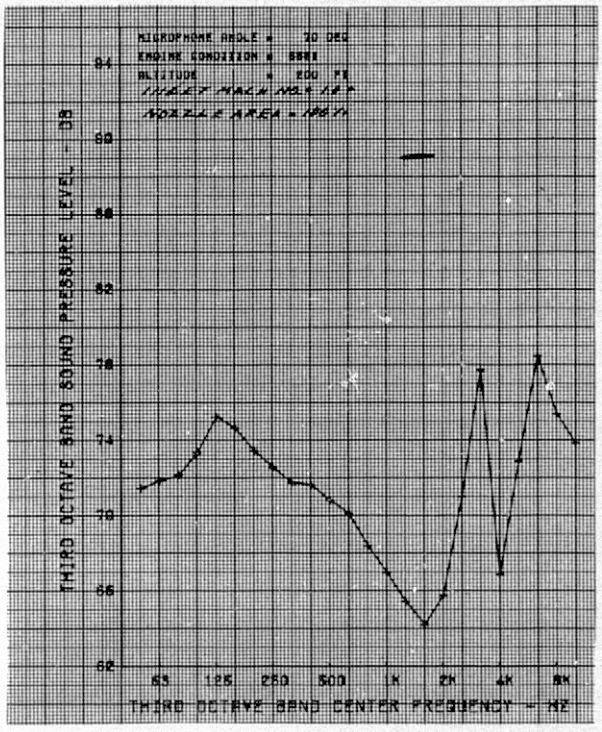


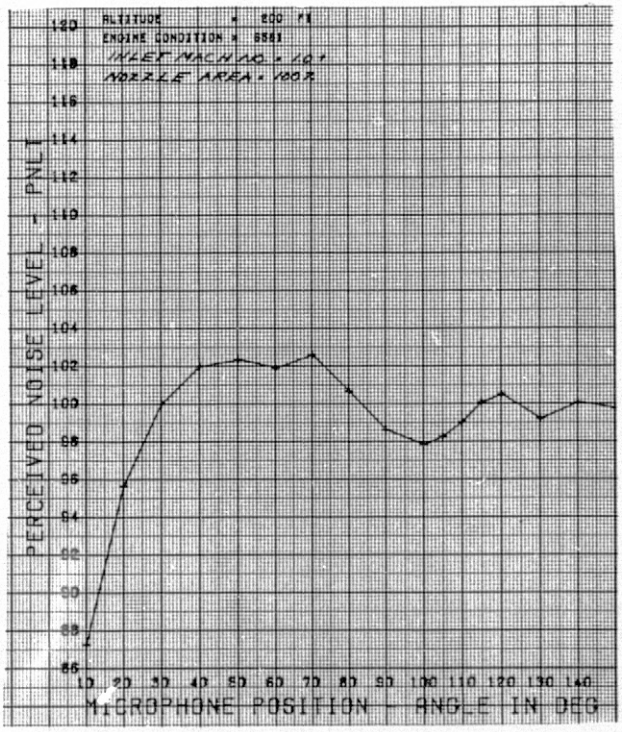


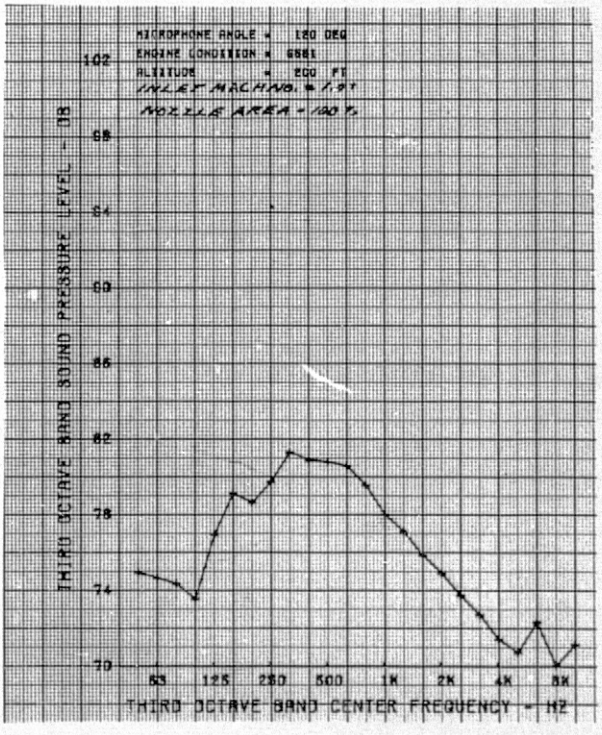


Point No. C(c)-29



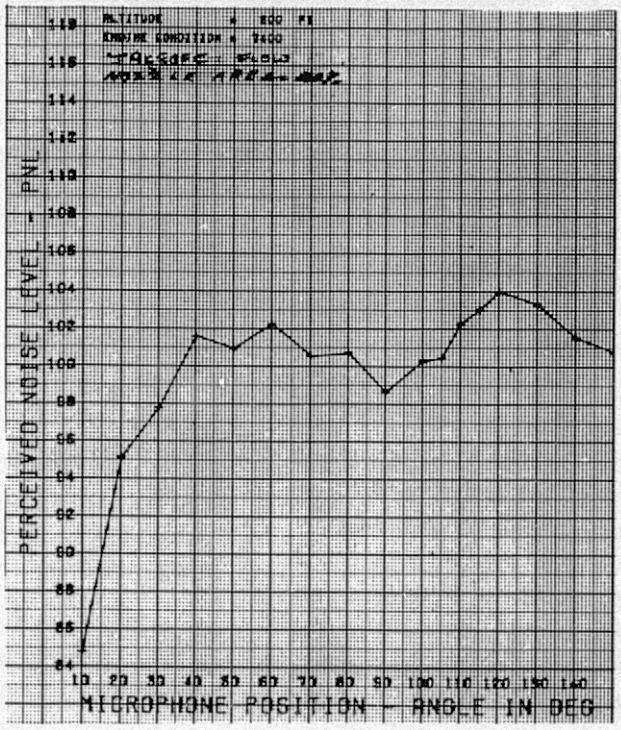


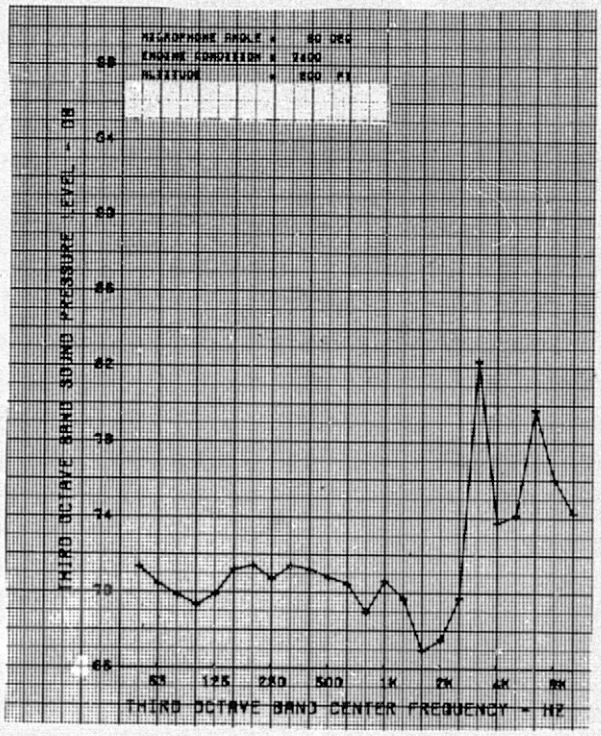


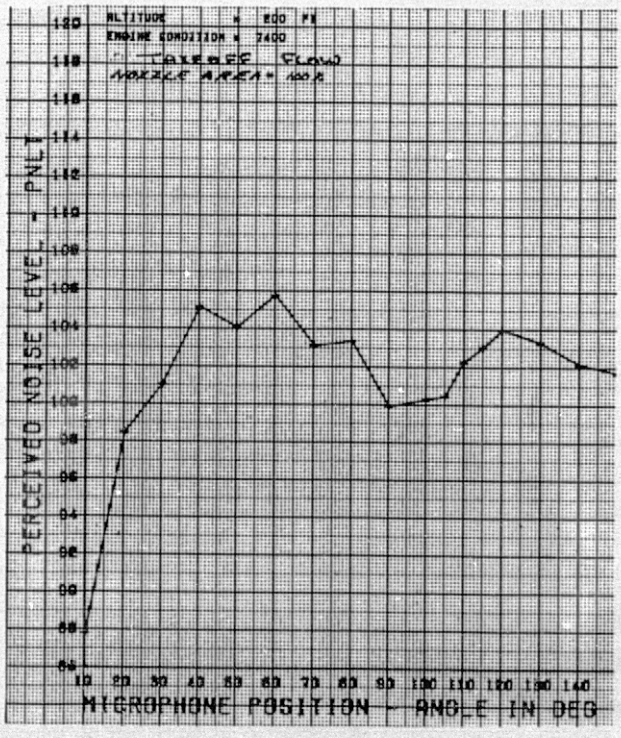


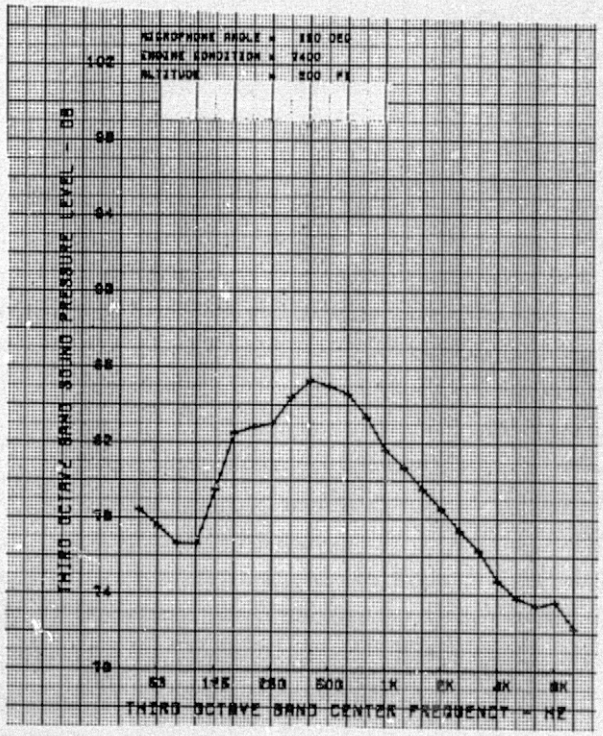
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Point No. C(c)-30

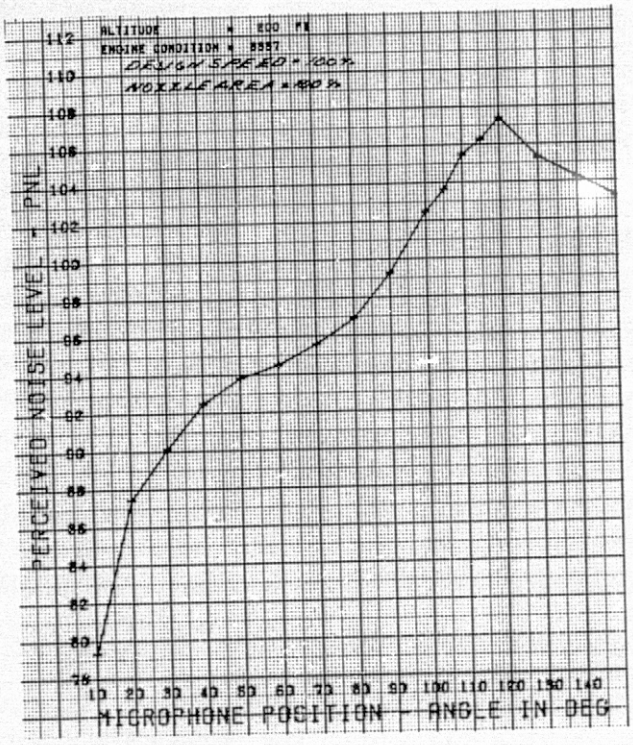


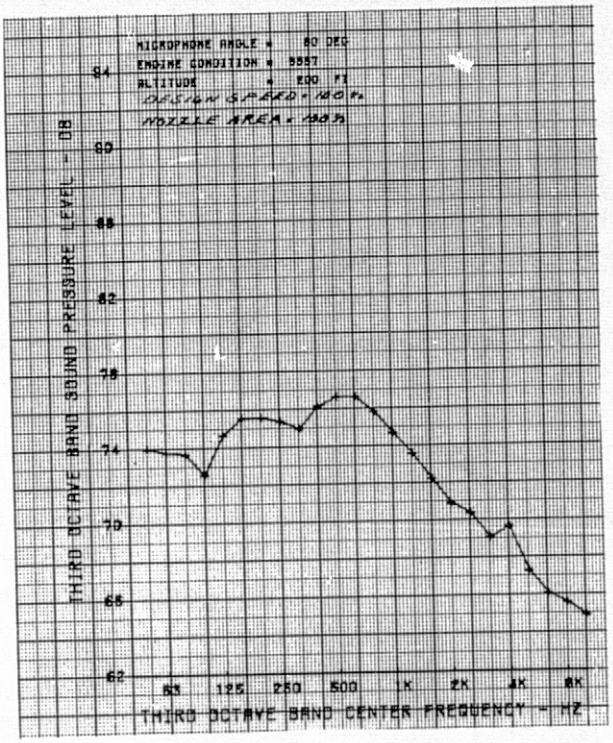


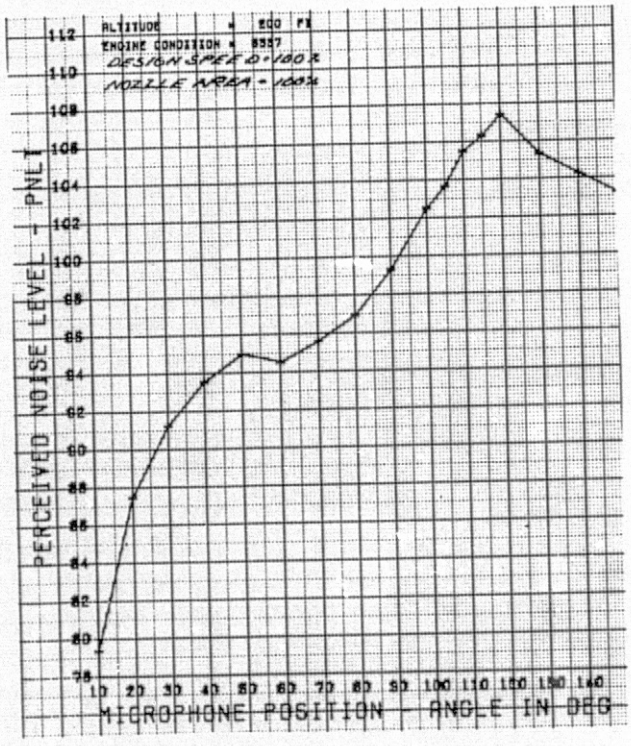


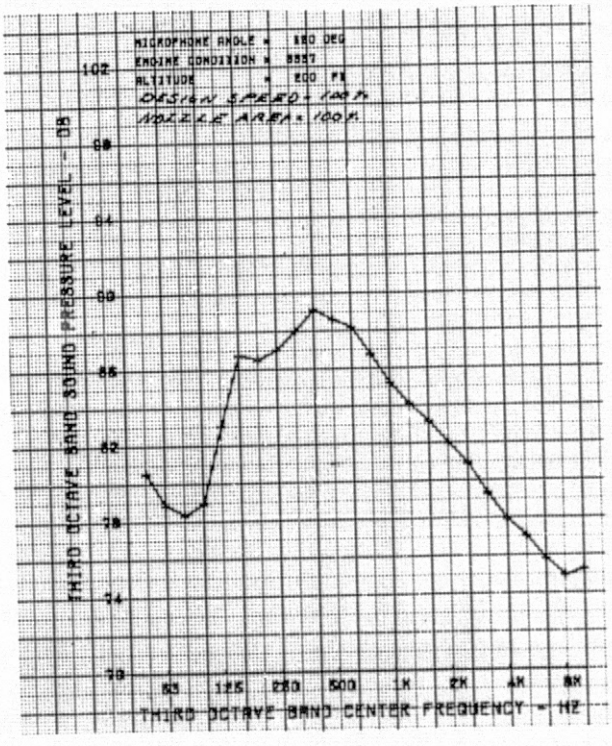


Point No. C(c)-31

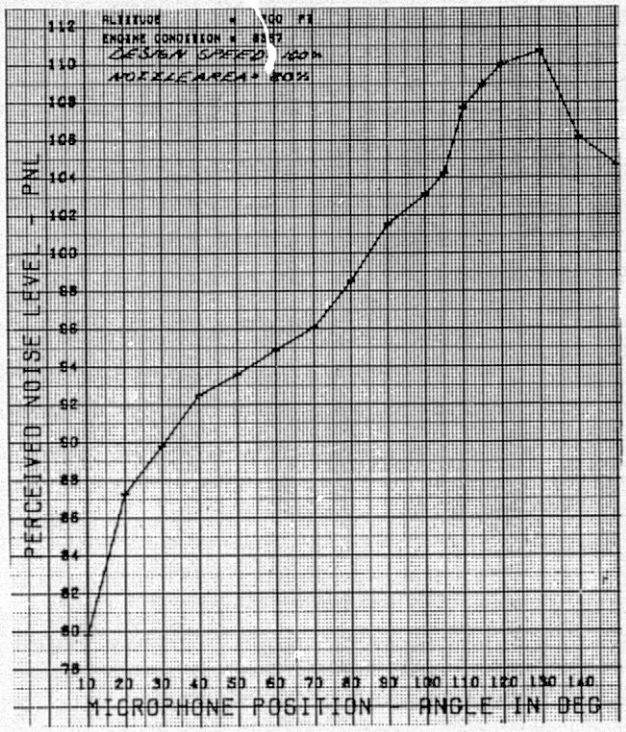


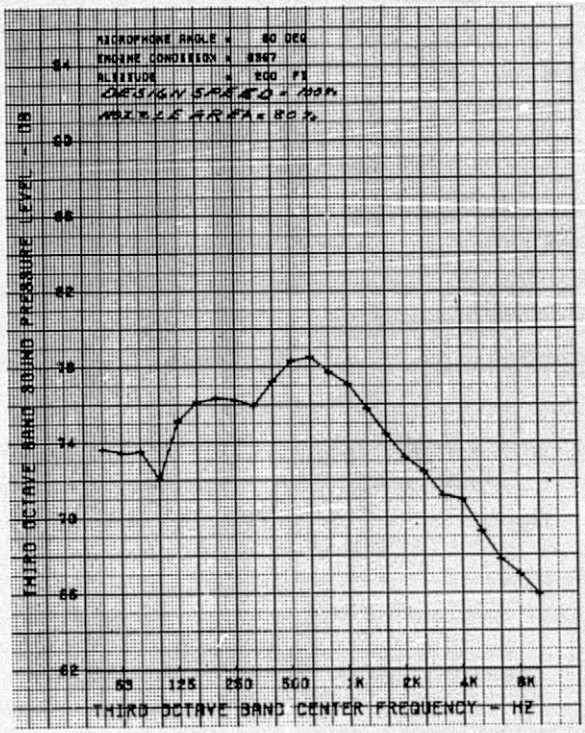


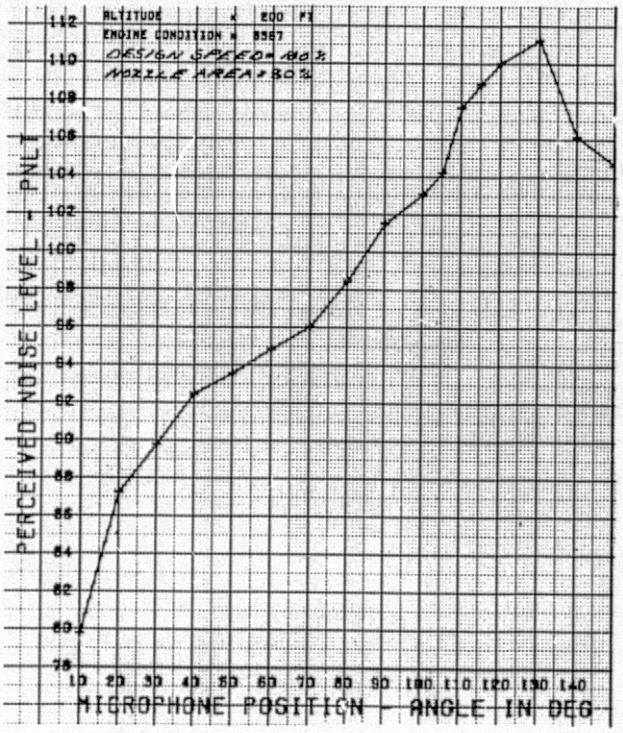


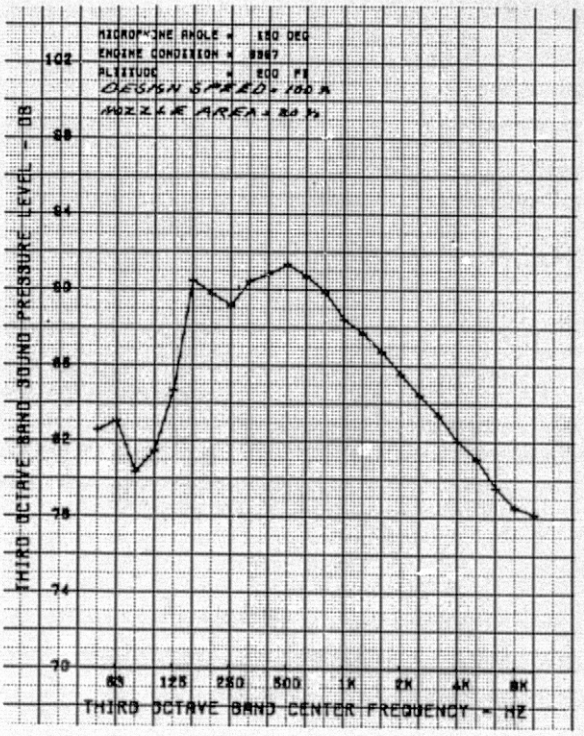


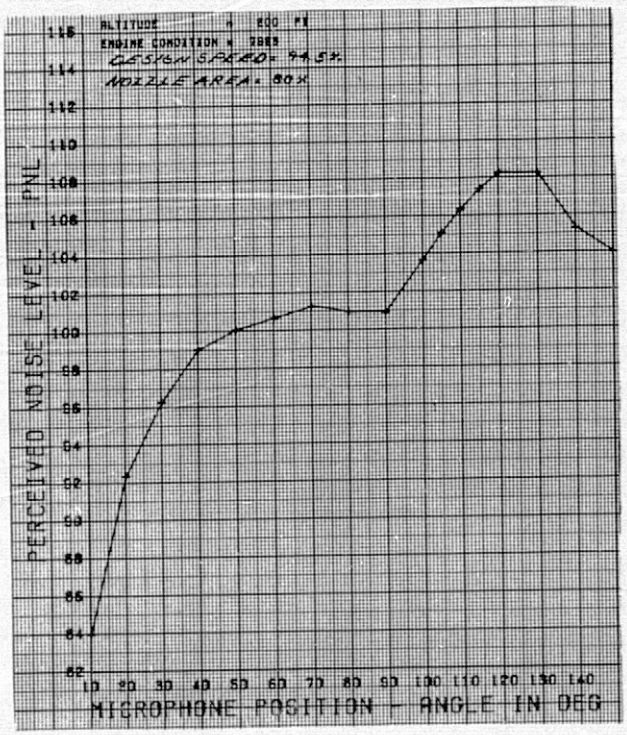
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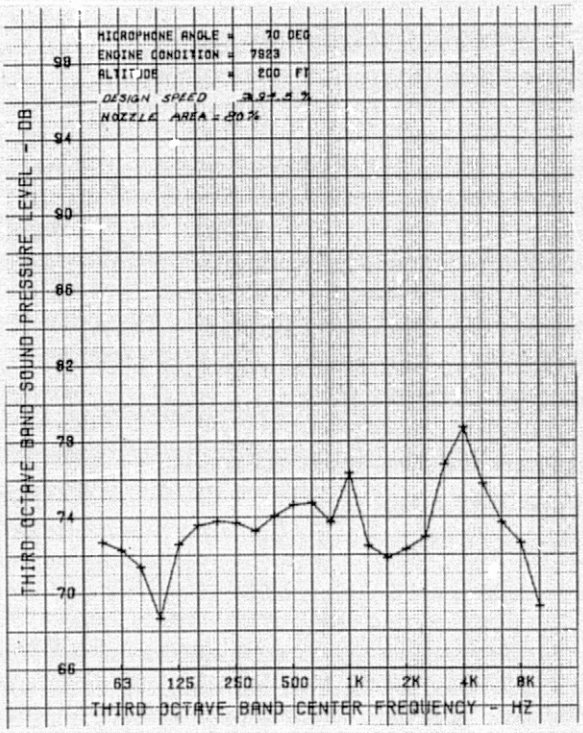


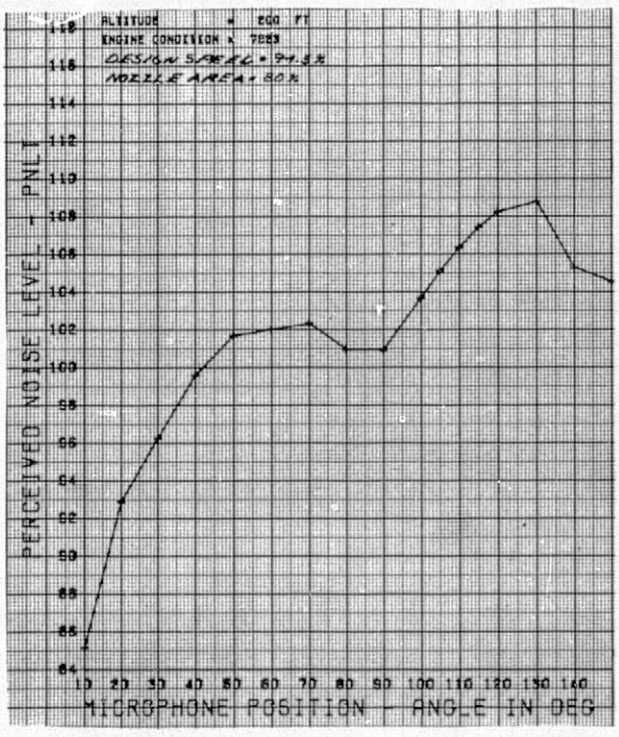


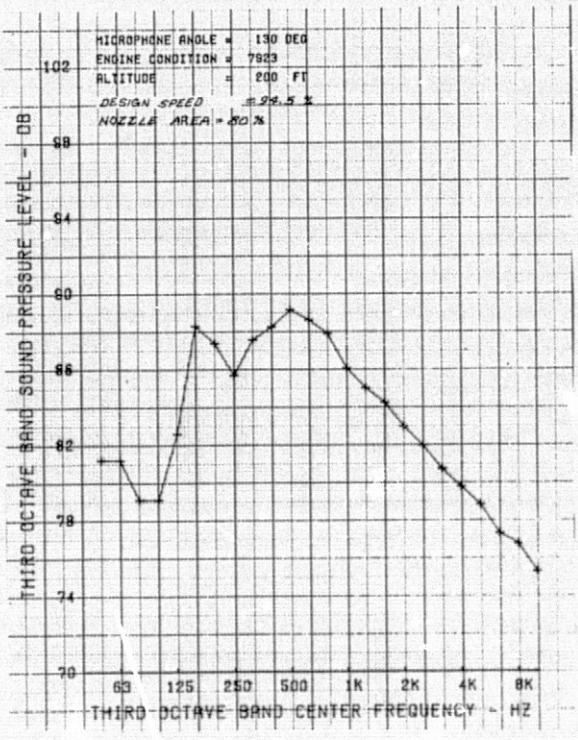






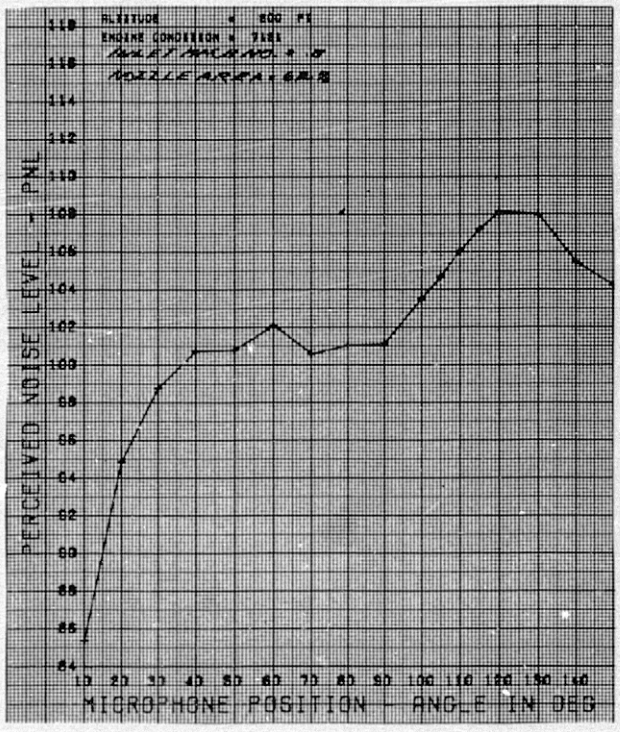


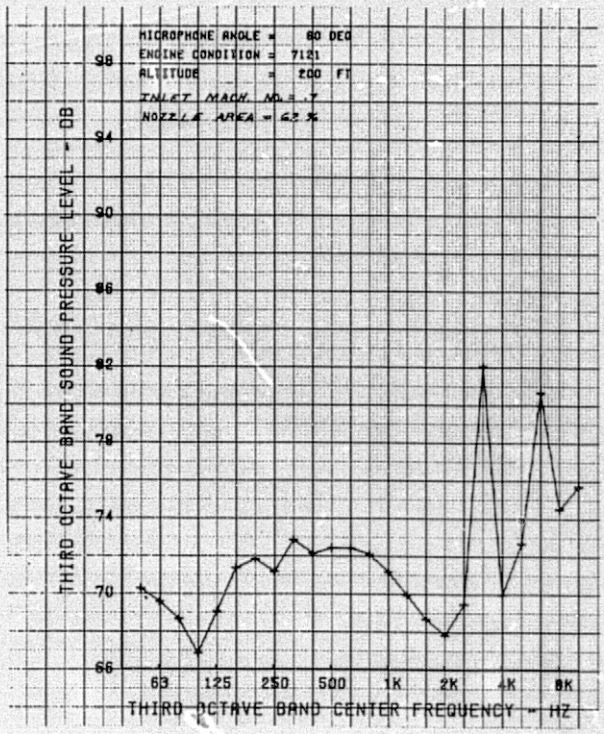


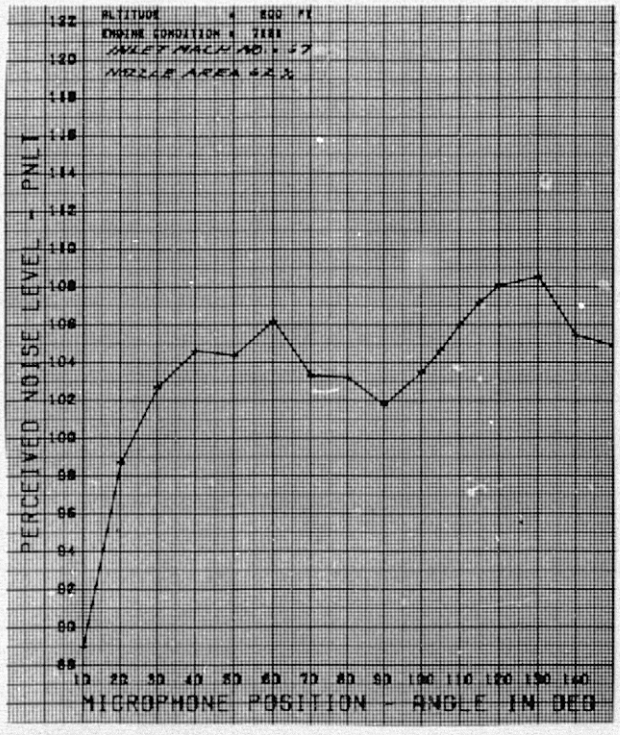


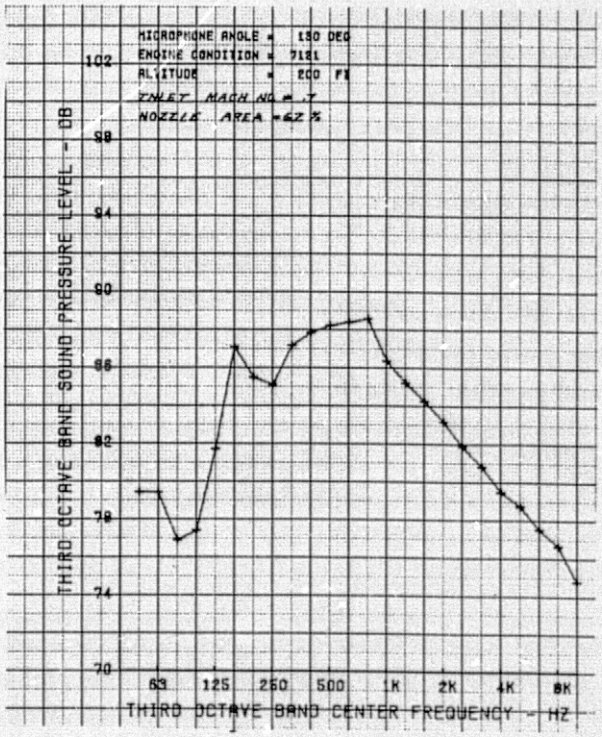
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Point No. C(c)-34

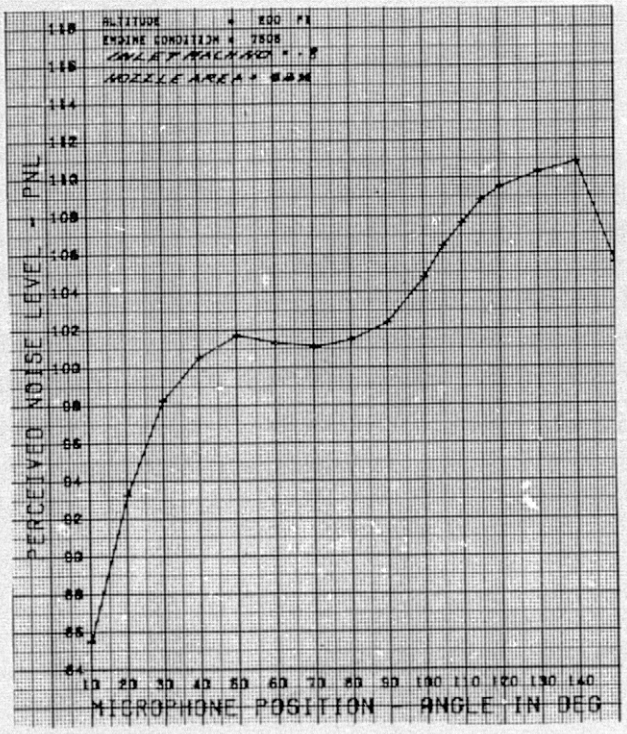


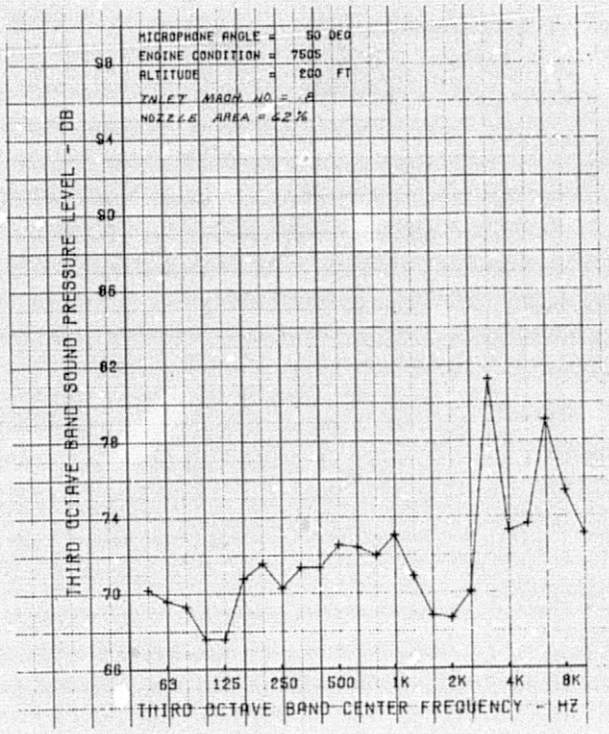


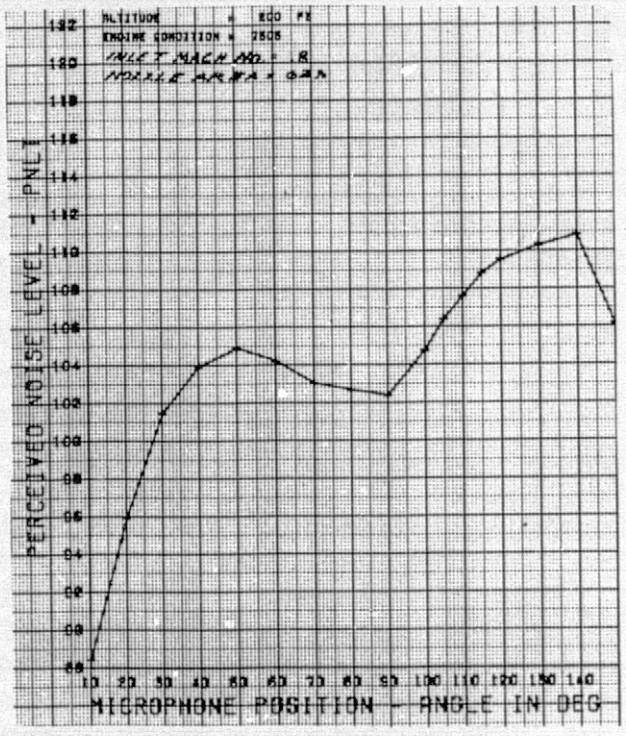


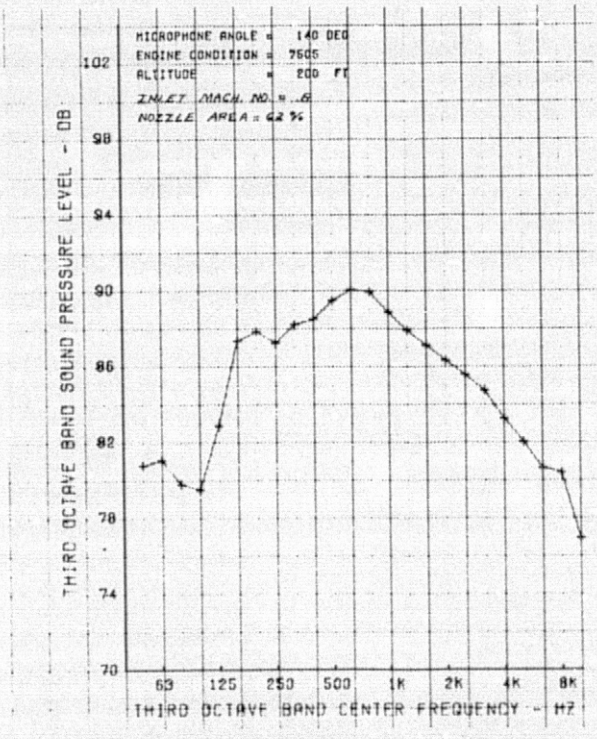


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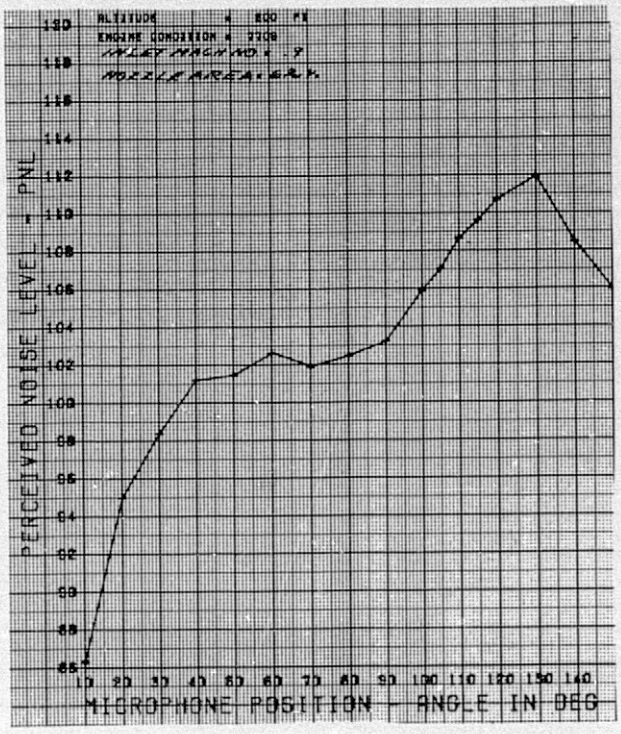


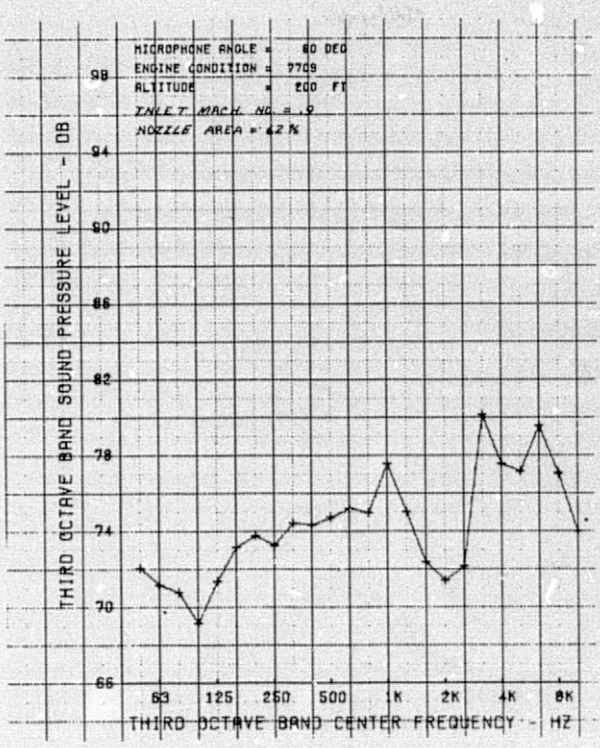


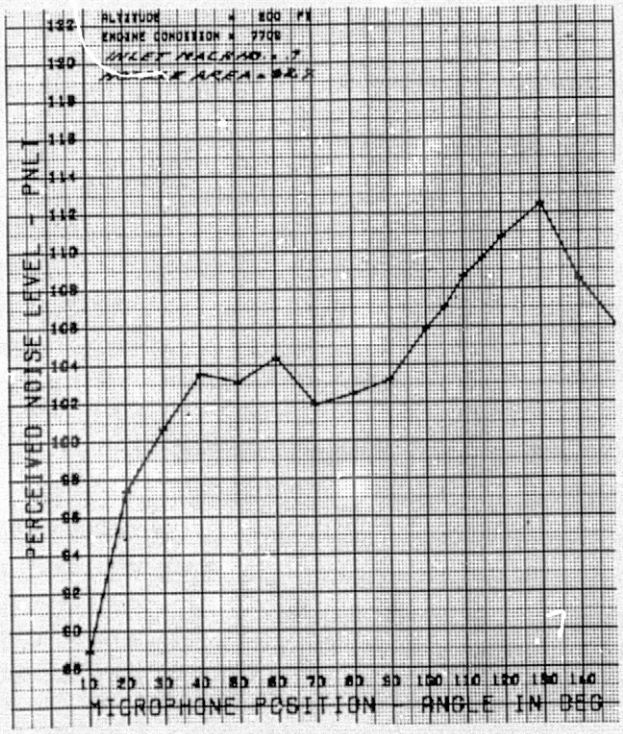


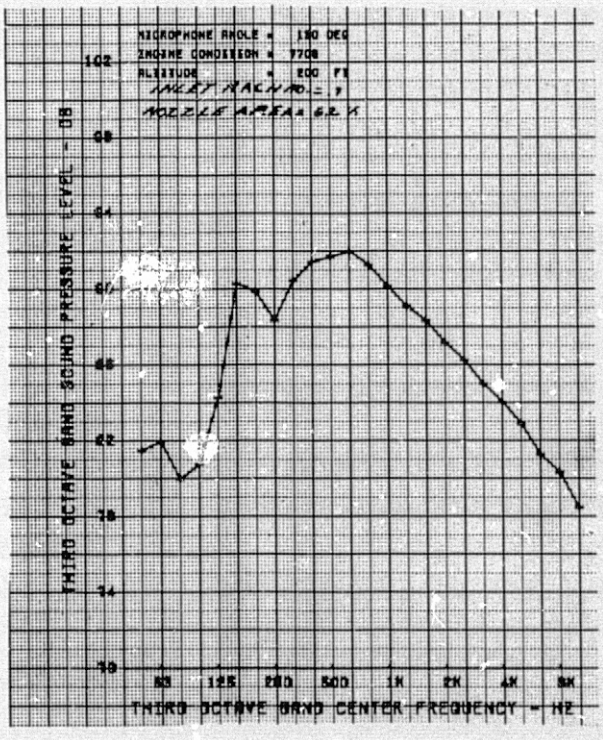


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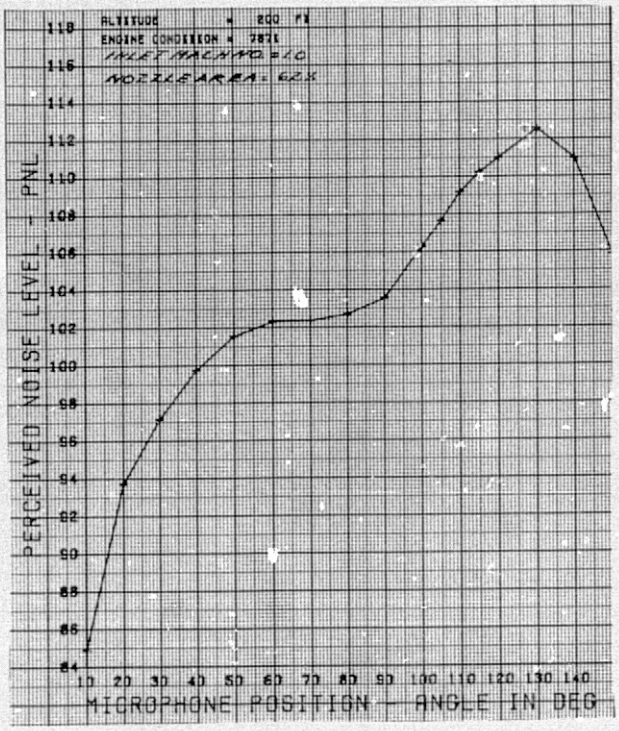


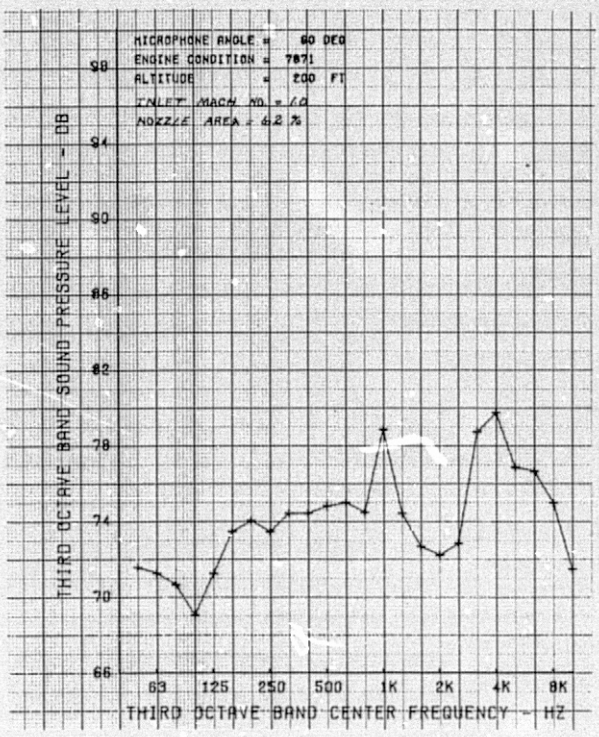


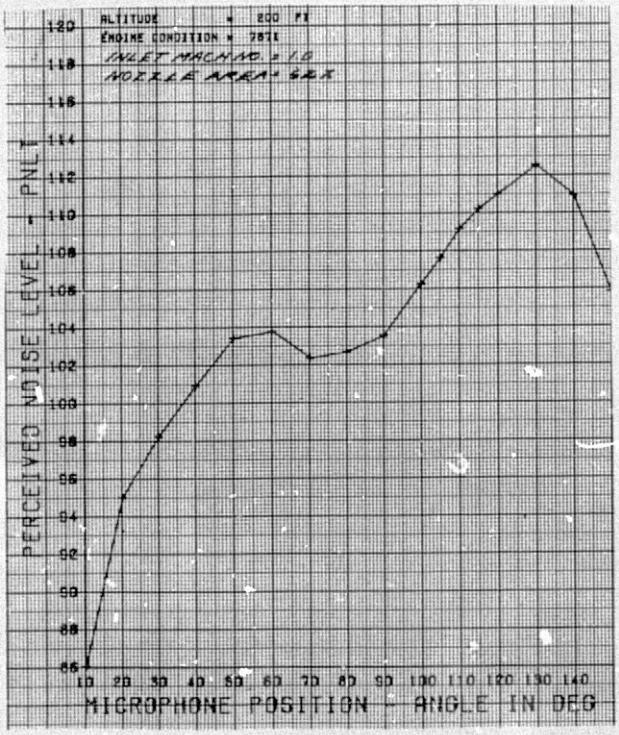


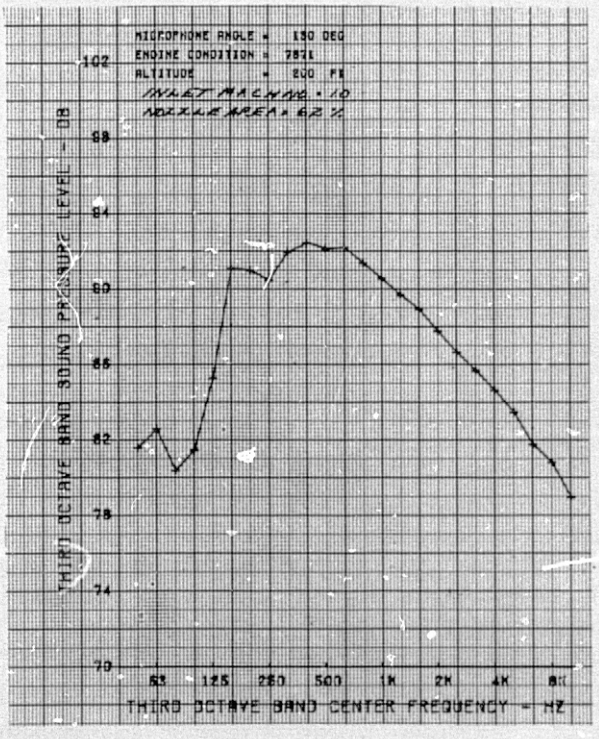


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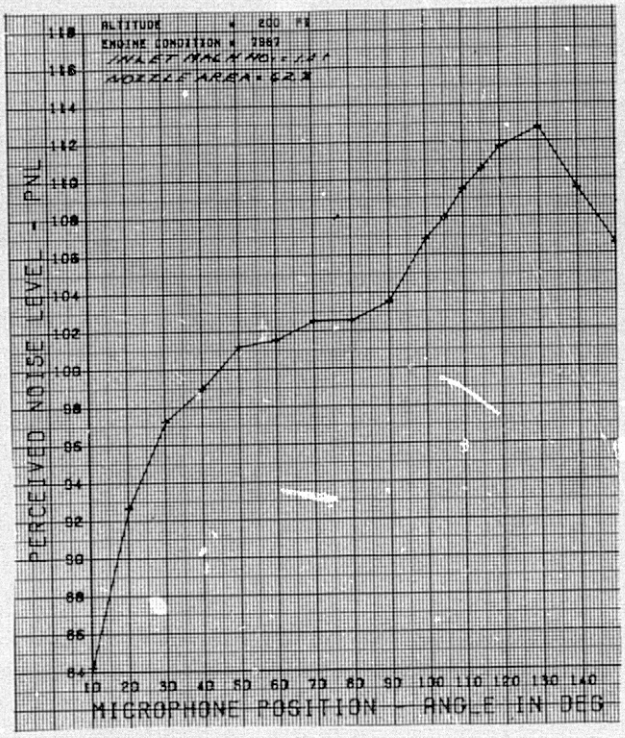


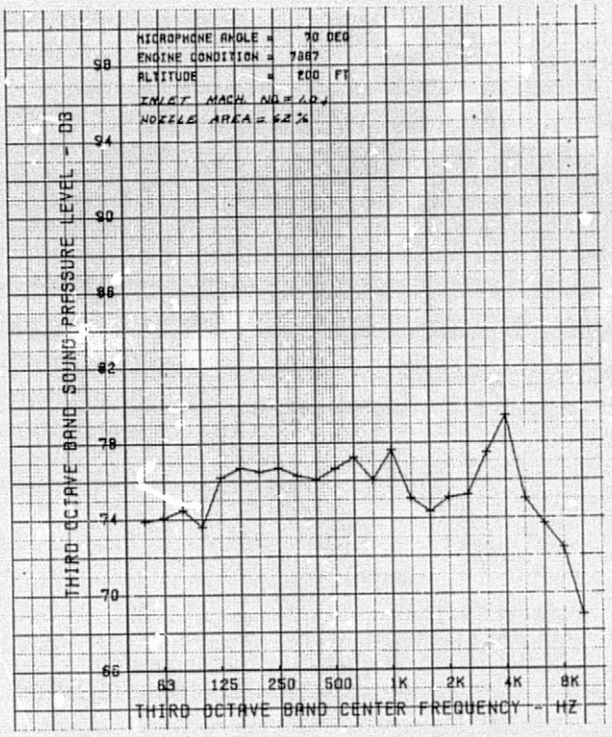


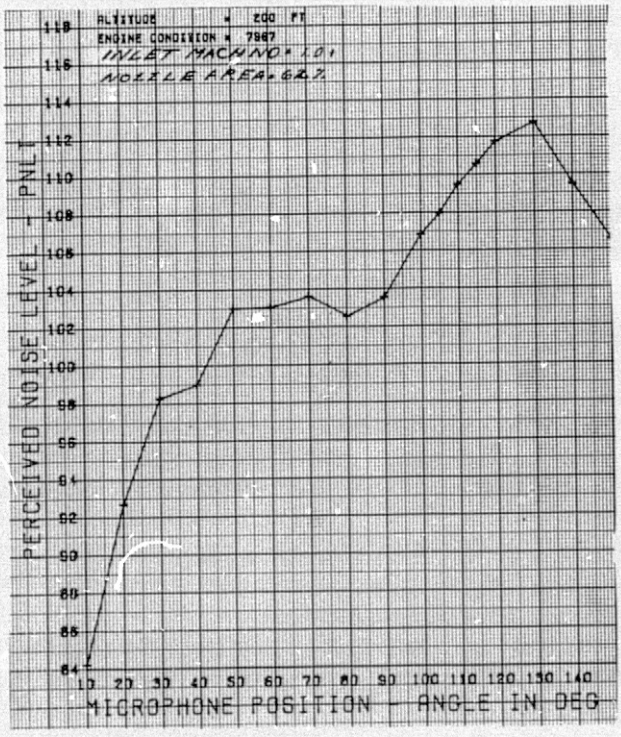


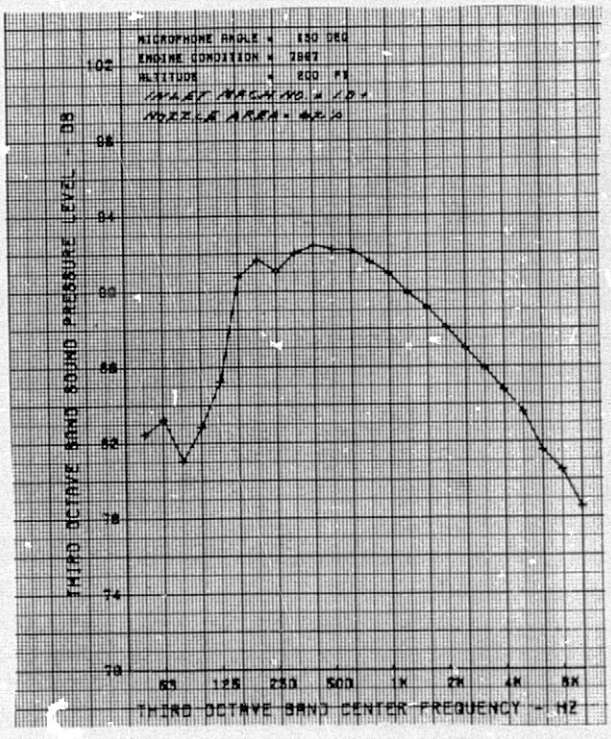


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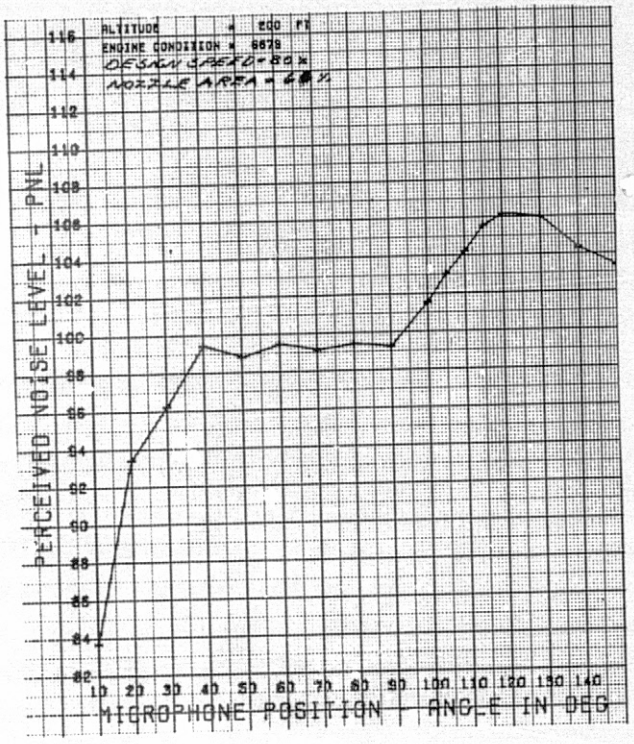


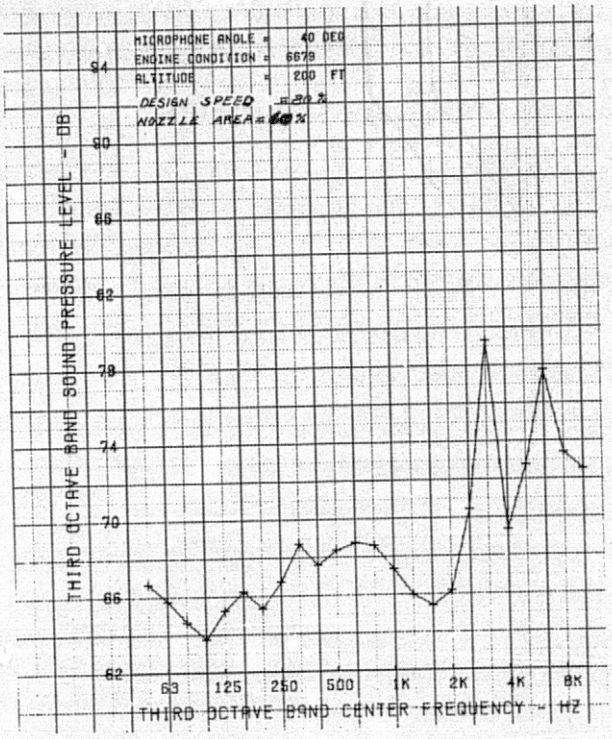


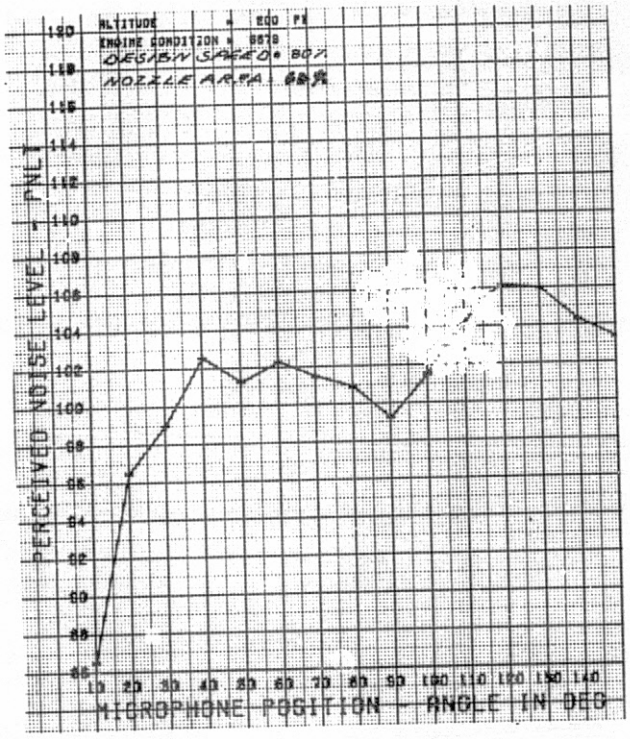


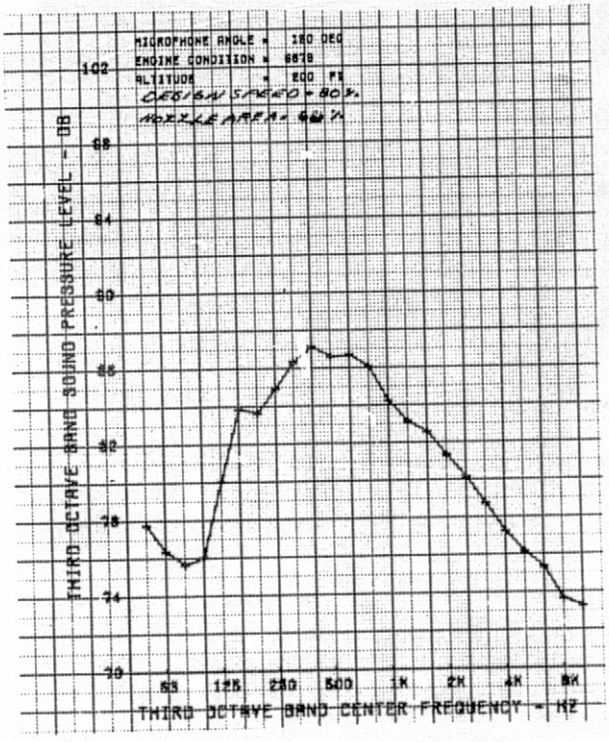


Point No. C(c)-39



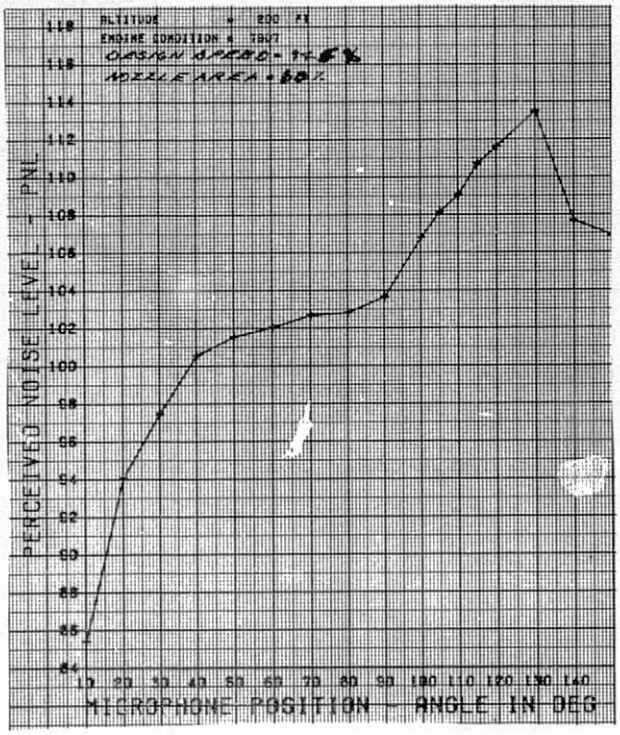


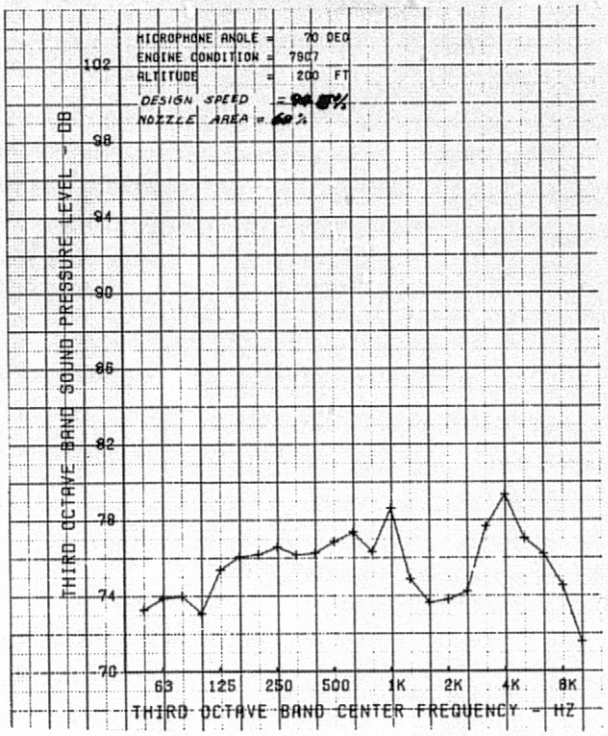


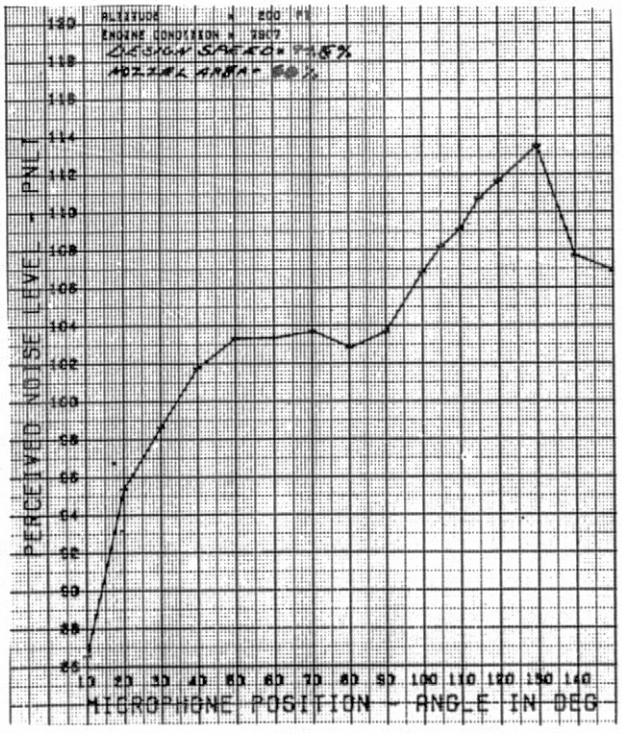


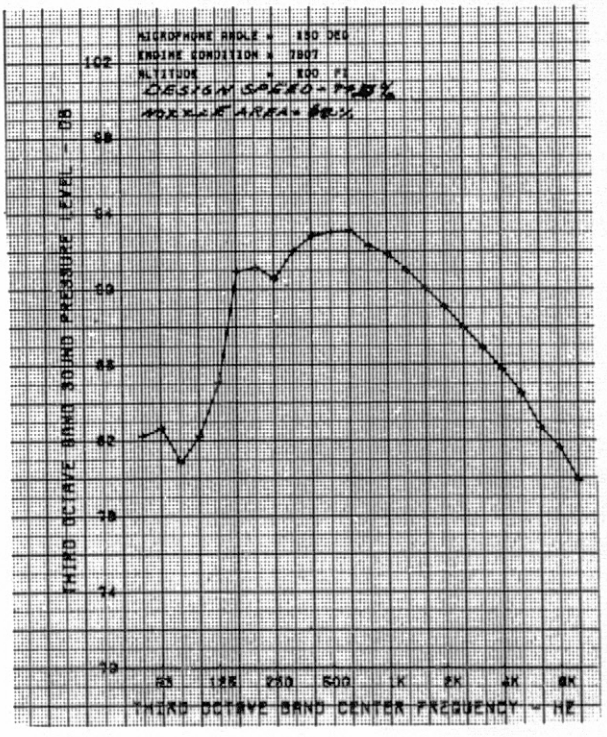
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Point No. C(c)-40

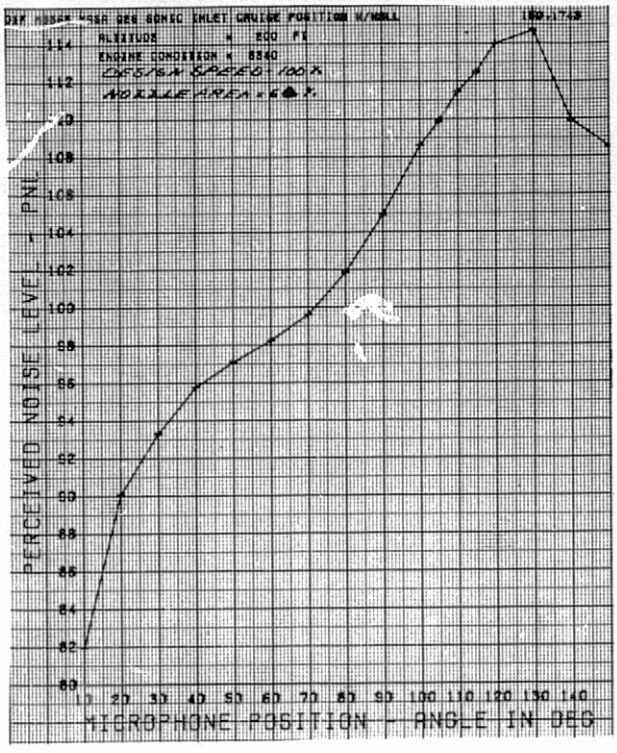


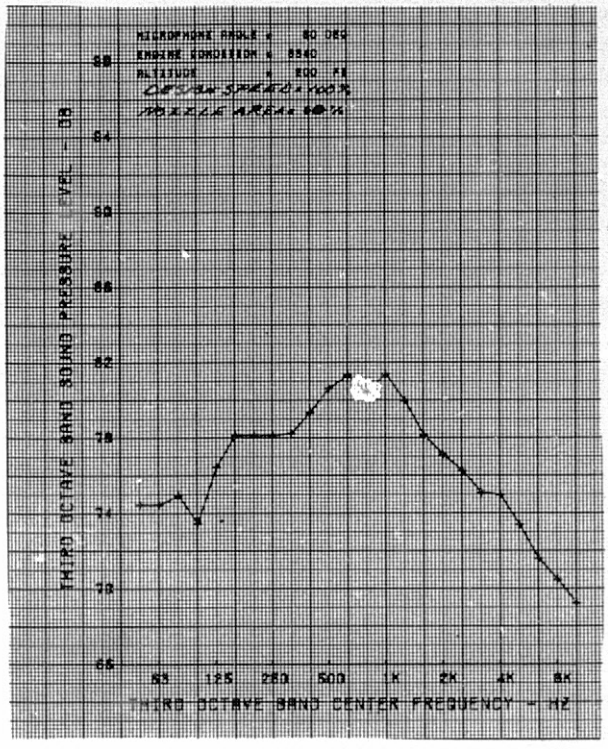


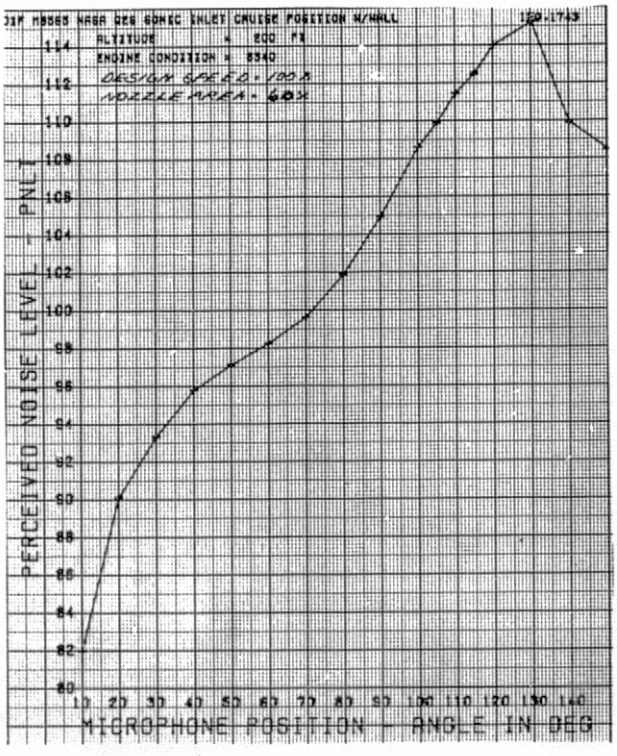


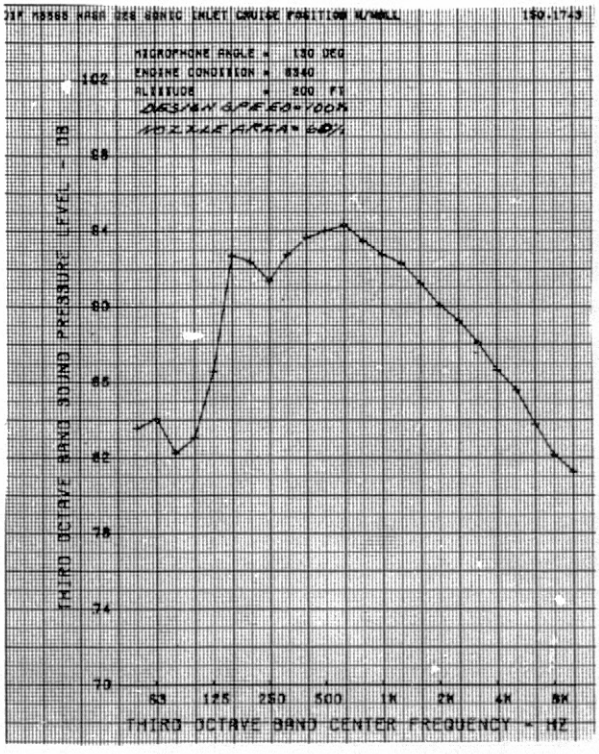


Point No. C(c)-41

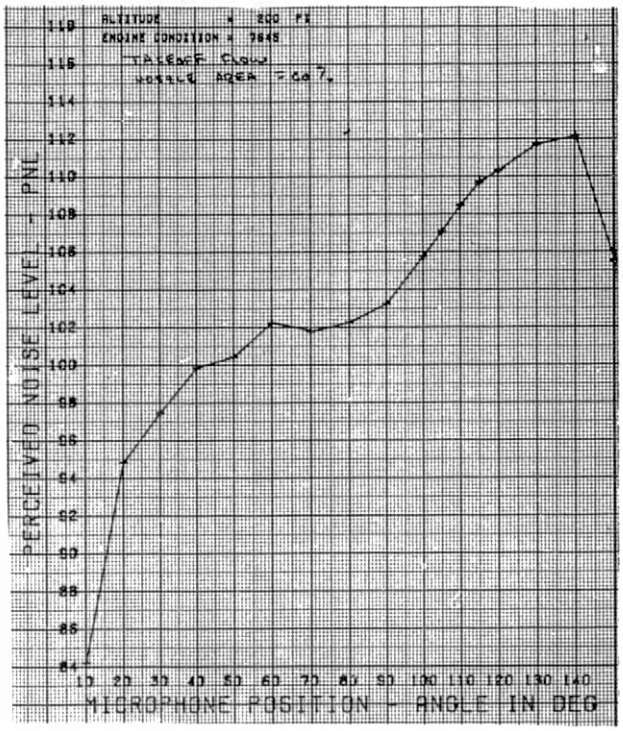


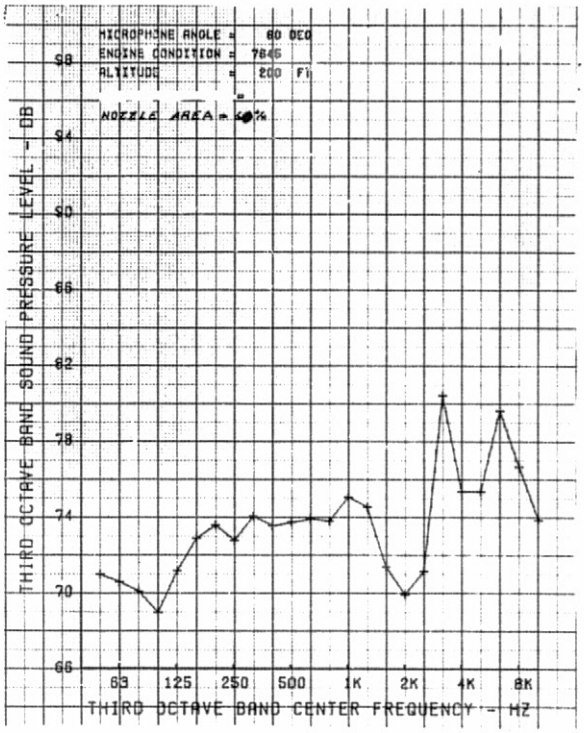


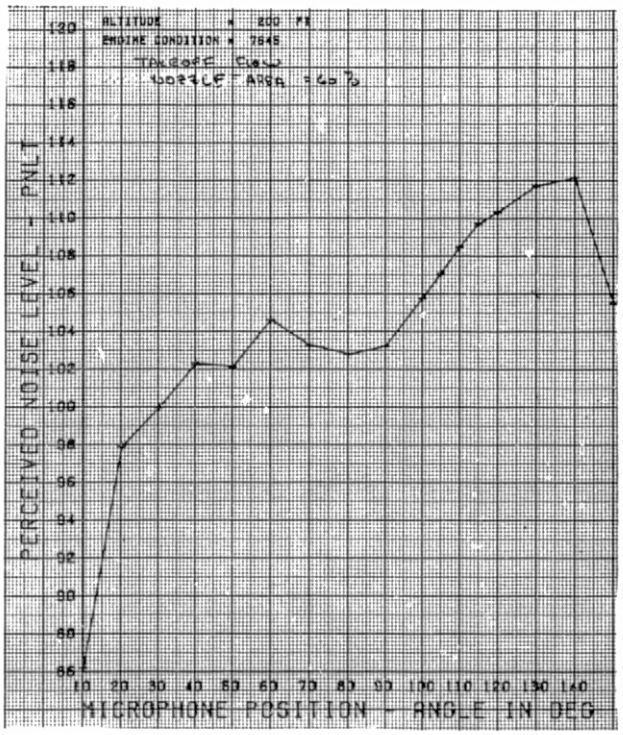


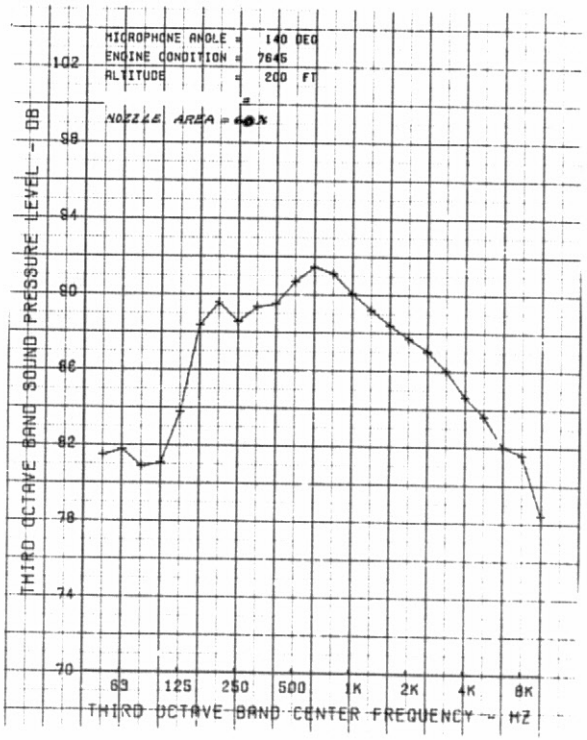


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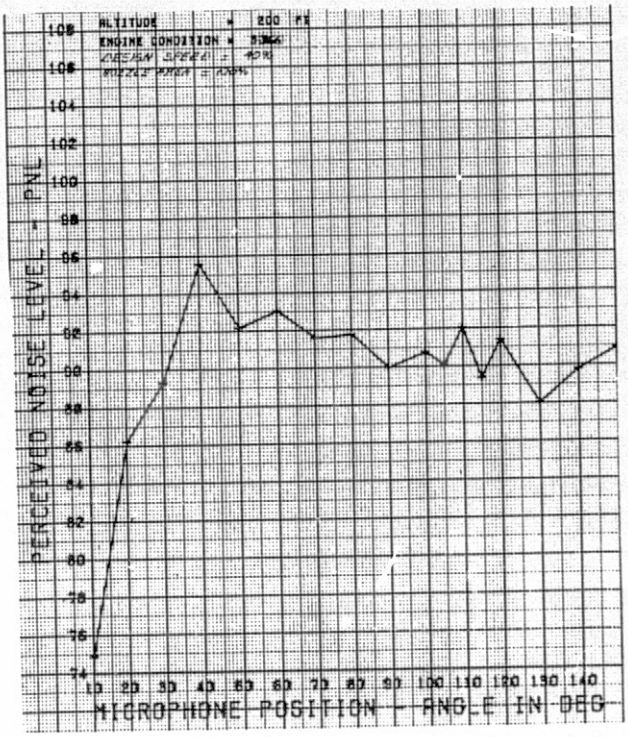


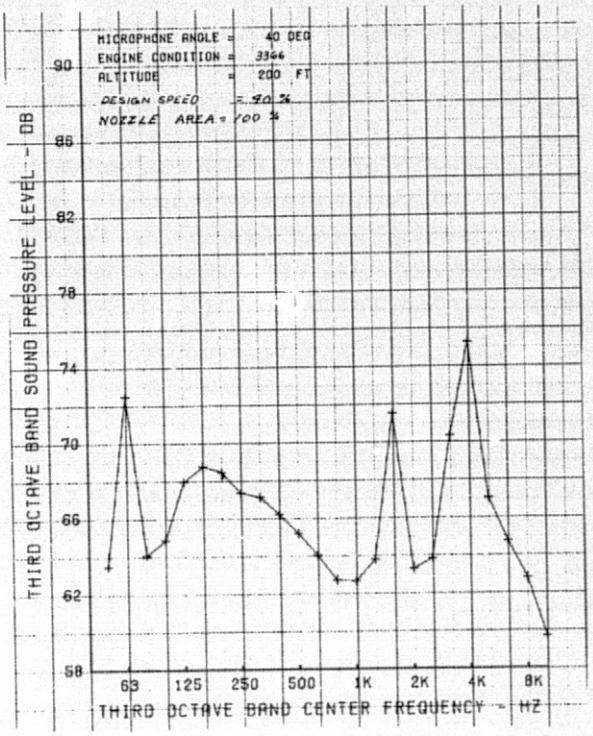


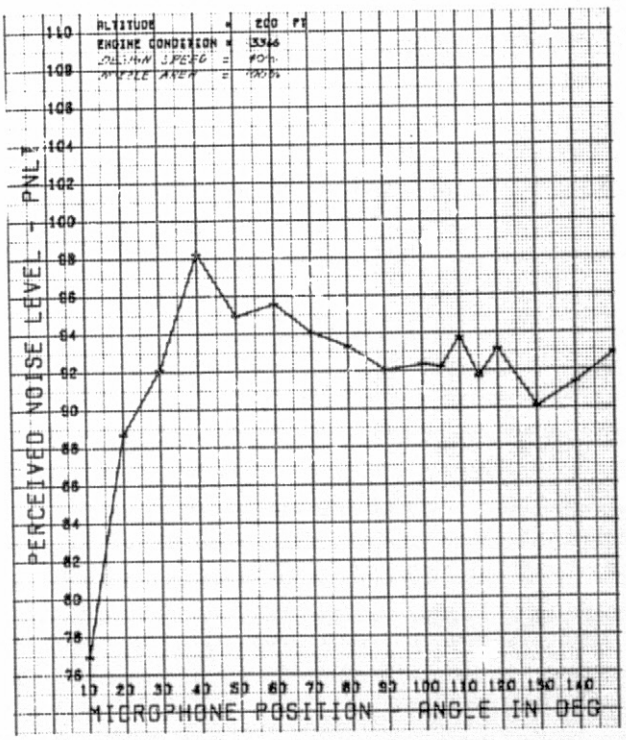


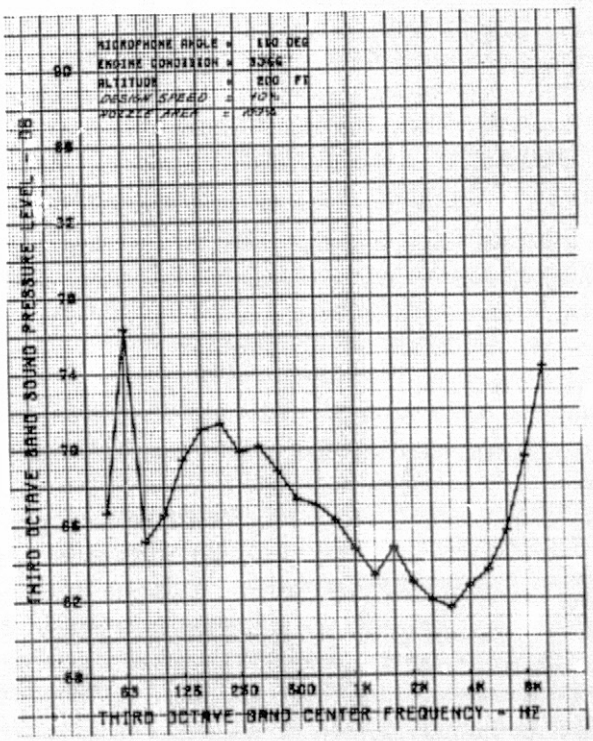


Point No. D-1



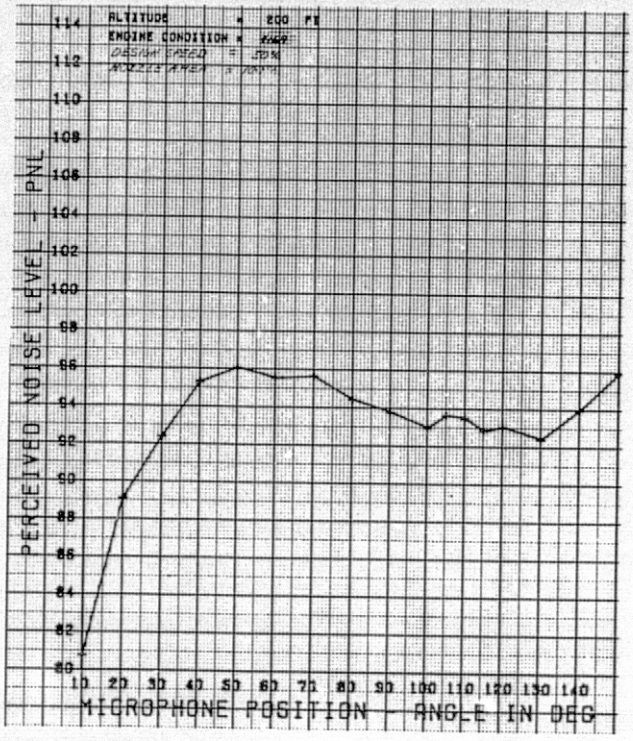


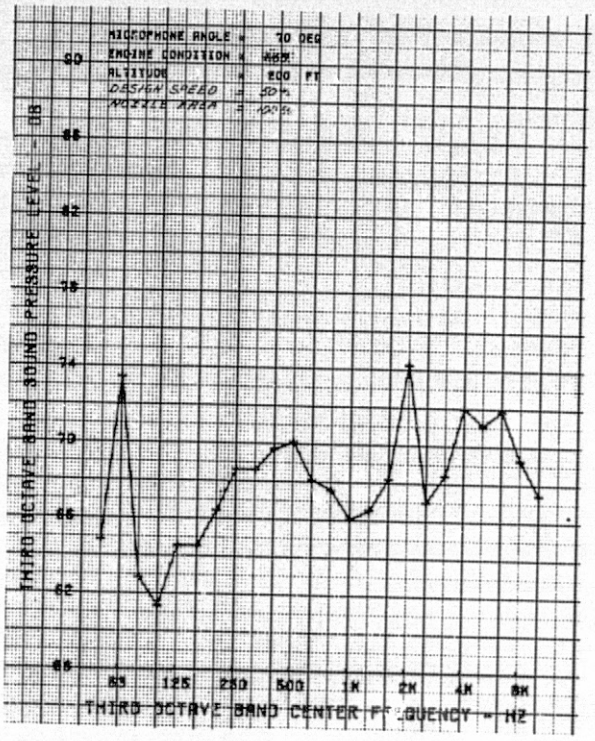


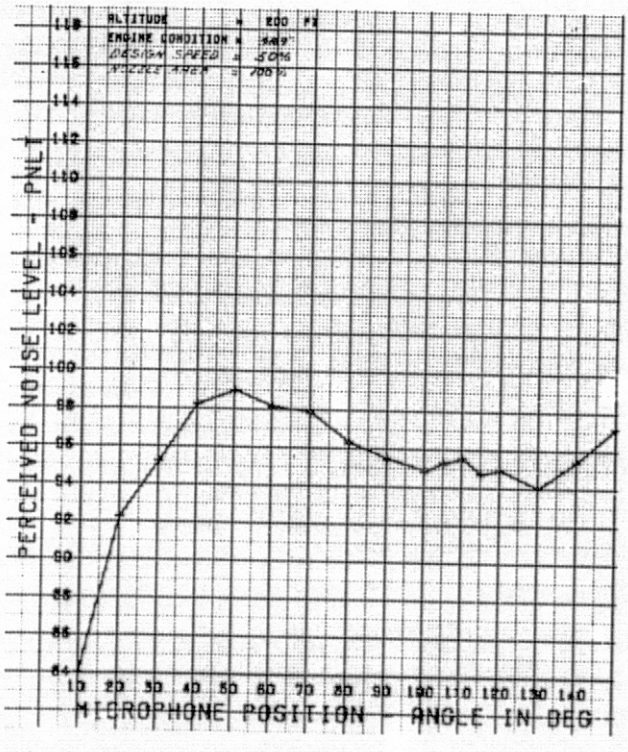


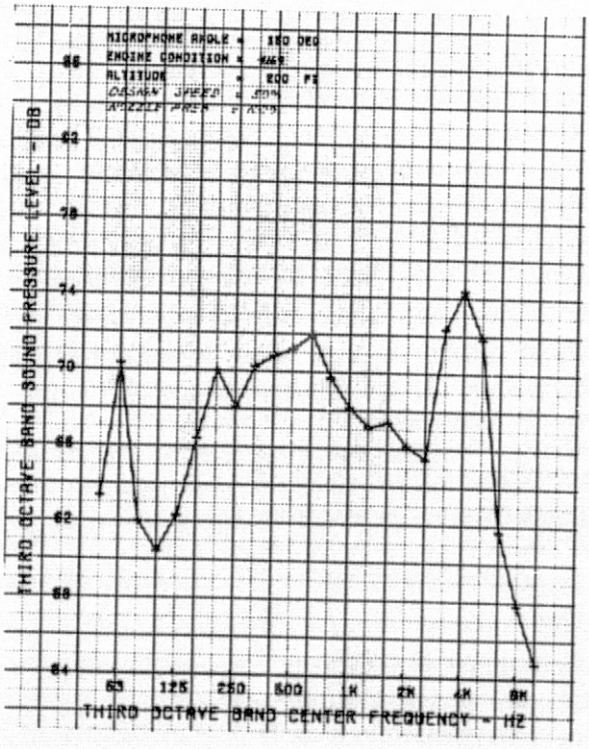
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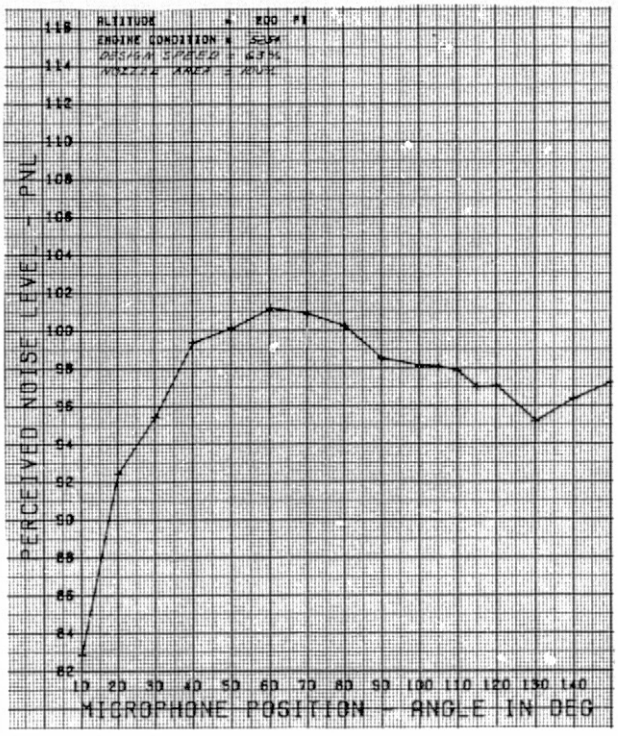

ALTITUDE = 200 FT
ENGINE CONDITION = MRP
DESIGN SPEED = 50%
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

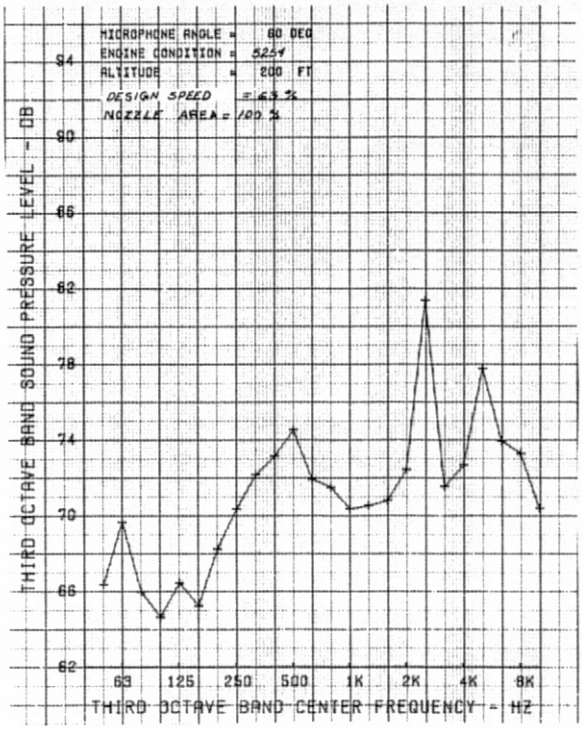

MICROPHONE ANGLE = 70 DEG
ENGINE CONDITION = MRP
ALTITUDE = 200 FT
DESIGN SPEED = 50%
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

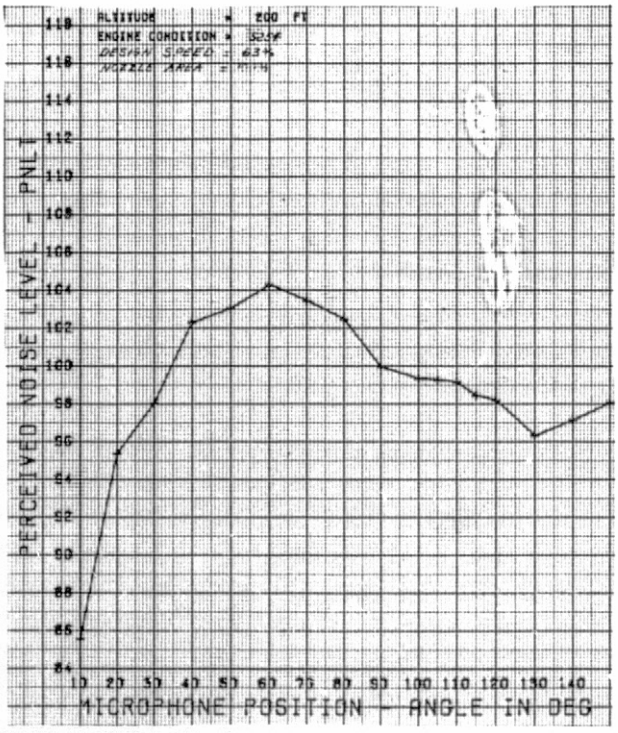

ALTITUDE = 200 FT
ENGINE CONDITION = MRP
DESIGN SPEED = 50%
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

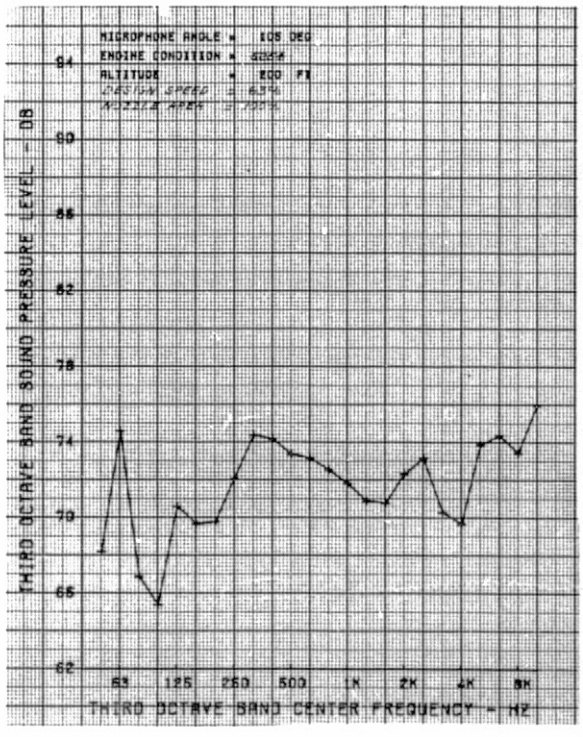

MICROPHONE ANGLE = 150 DEG
ENGINE CONDITION = MRP
ALTITUDE = 200 FT
DESIGN SPEED = 50%
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. D-3

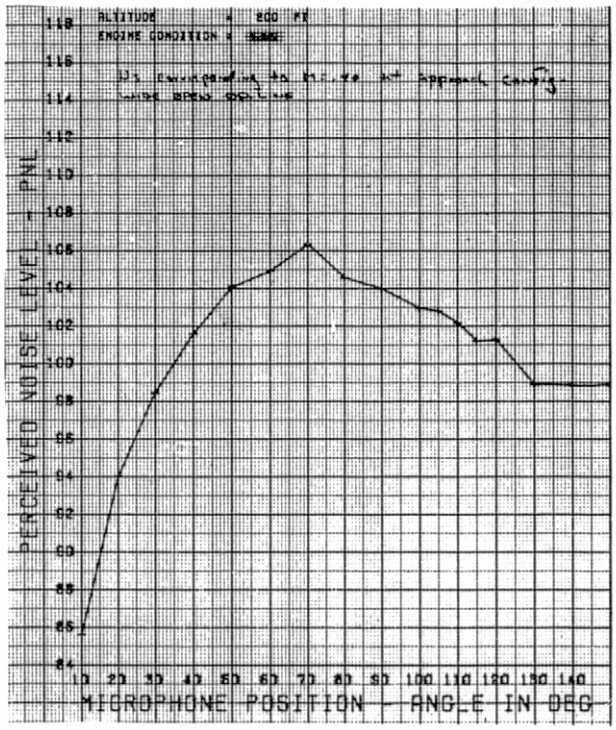

ALTITUDE = 200 FT
ENGINE CONDITION = 5254
DESIGN SPEED = 63%
NOZZLE AREA = 100%
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

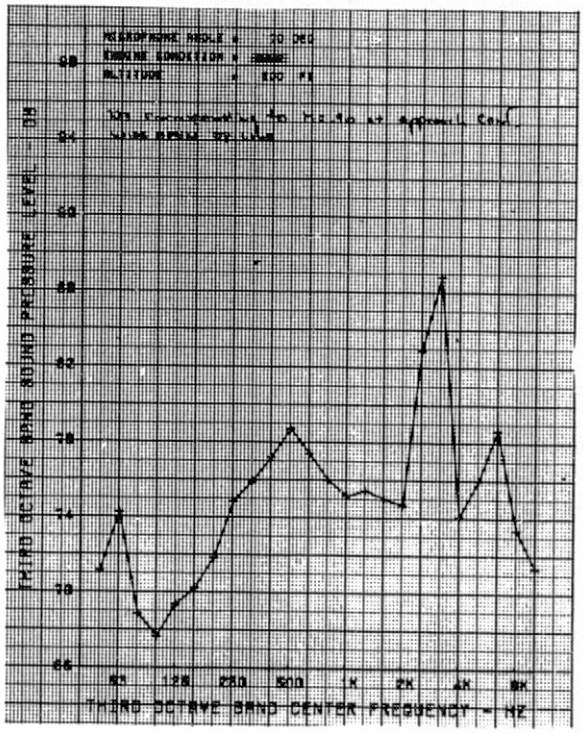

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 5254
ALTITUDE = 200 FT
DESIGN SPEED = 63%
NOZZLE AREA = 100%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

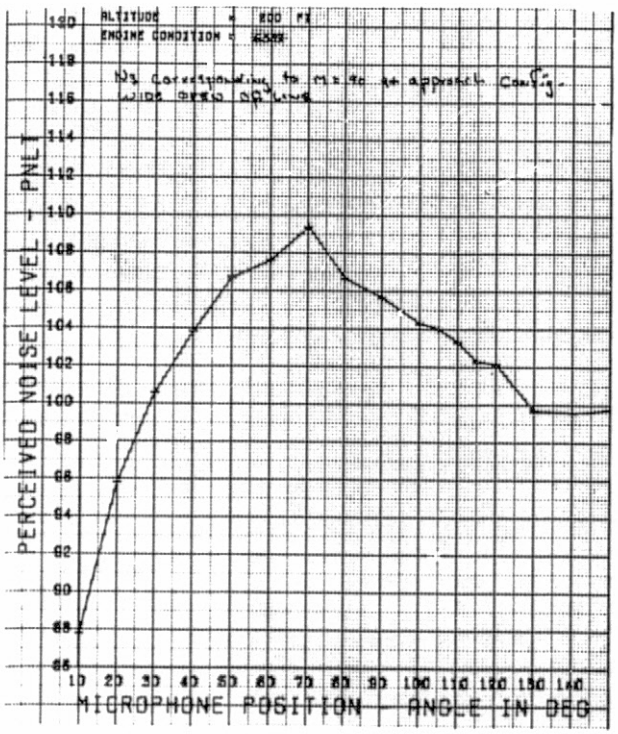

ALTITUDE = 200 FT
ENGINE CONDITION = 5254
DESIGN SPEED = 63%
PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

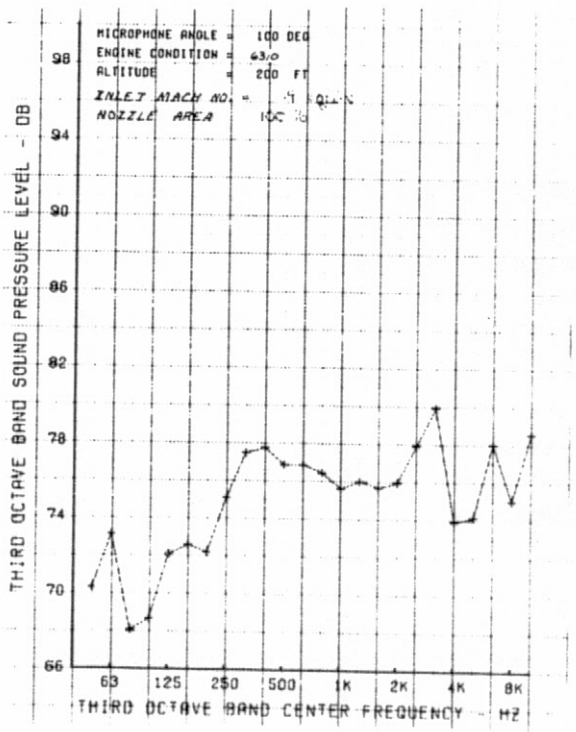

MICROPHONE ANGLE = 105 DEG
ENGINE CONDITION = 5254
ALTITUDE = 200 FT
DESIGN SPEED = 63%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. D-4

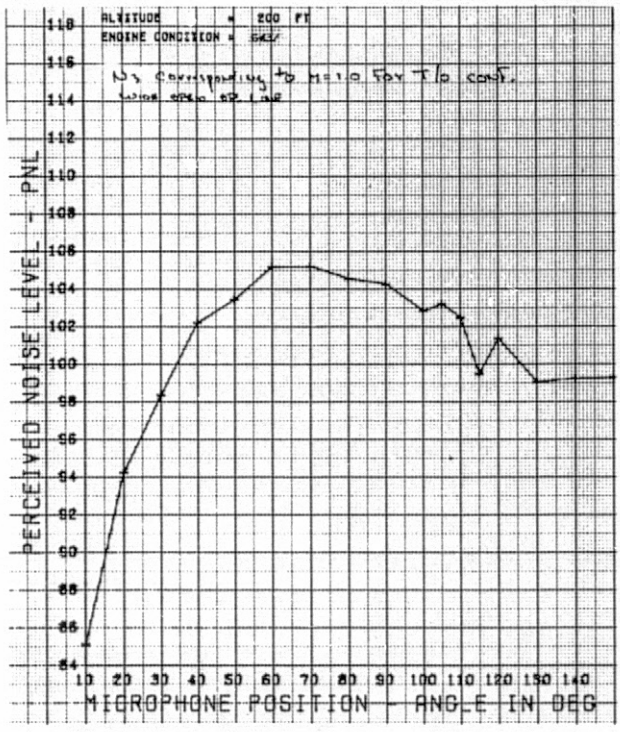

PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG


THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

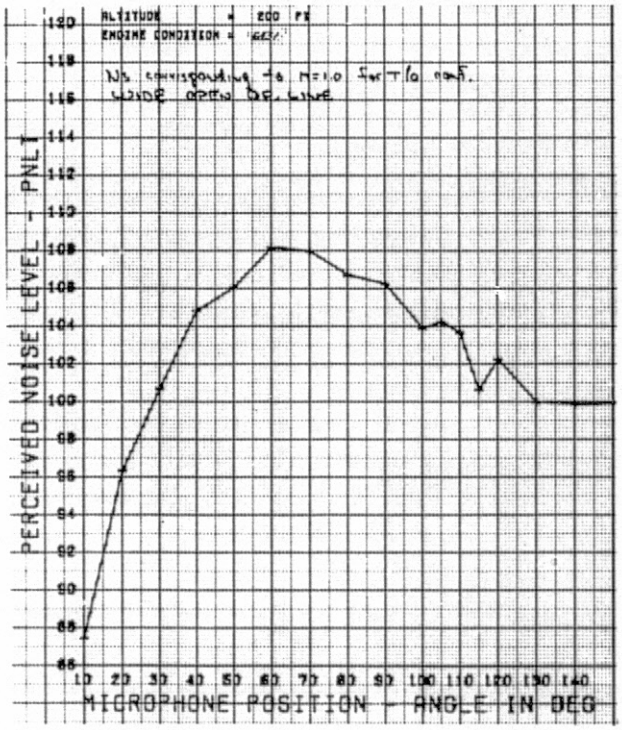

PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

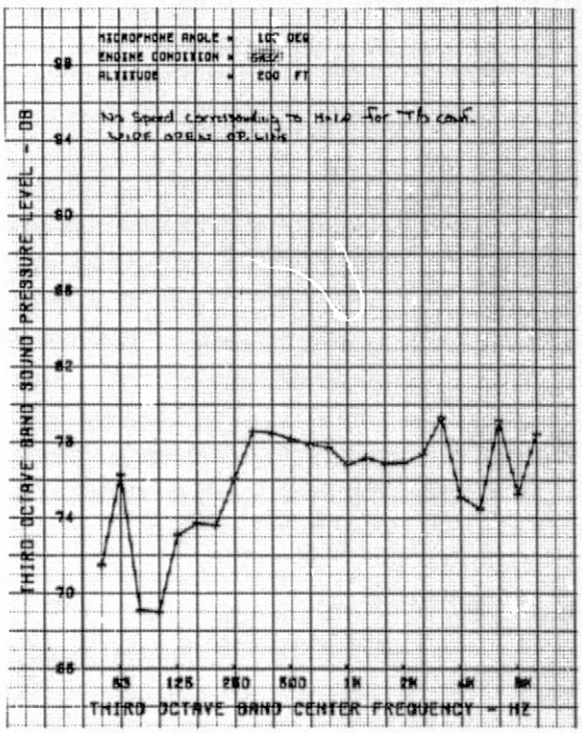

MICROPHONE ANGLE = 100 DEG
ENGINE CONDITION = 63.0
ALTITUDE = 200 FT
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. D-5



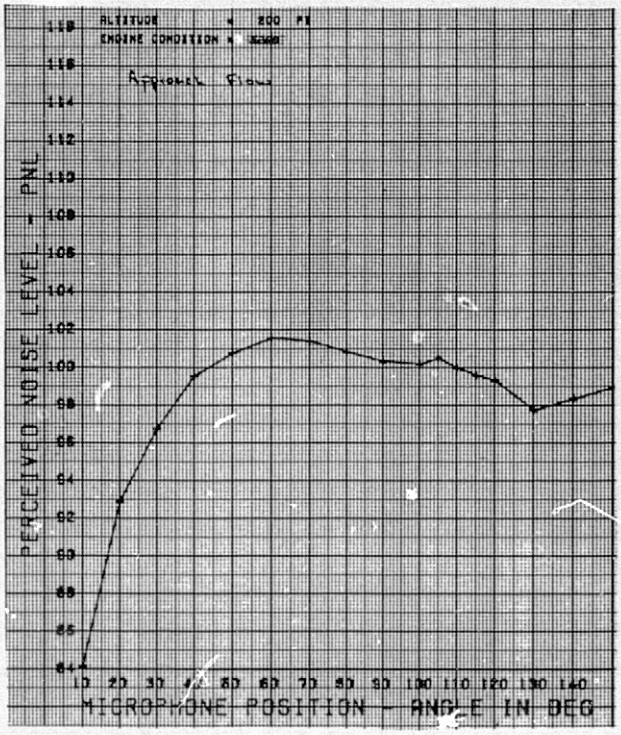


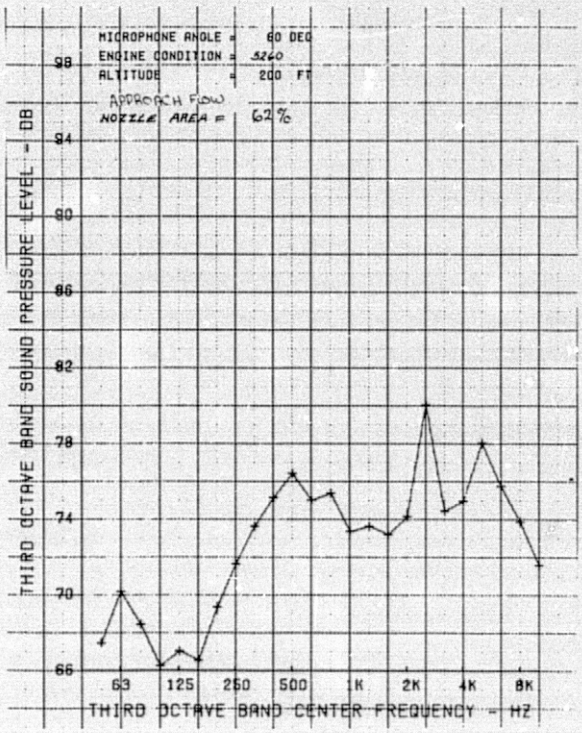


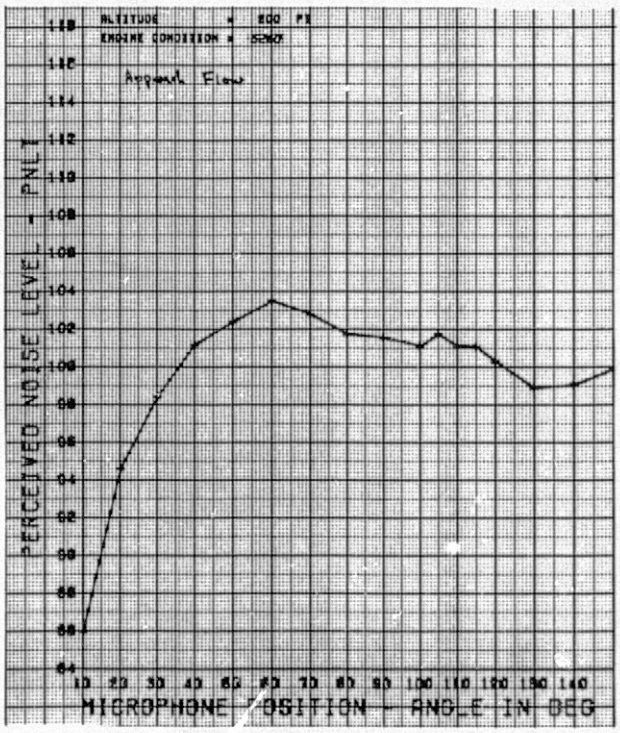


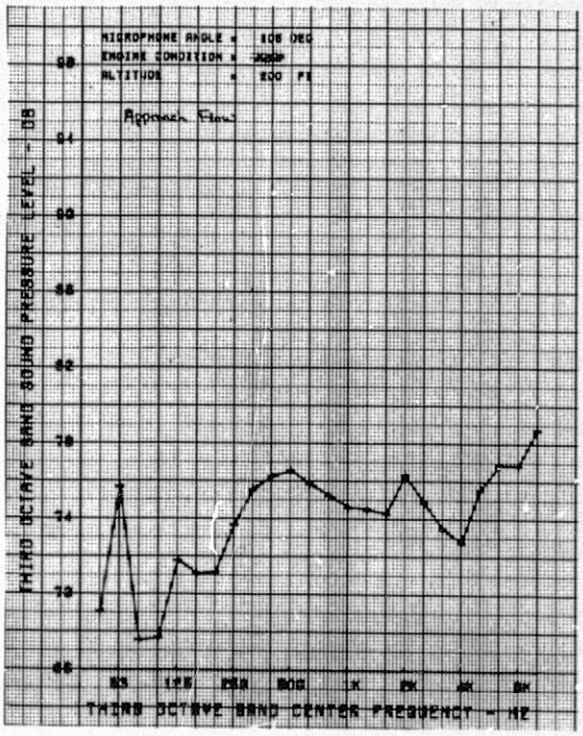
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Point No. D-6

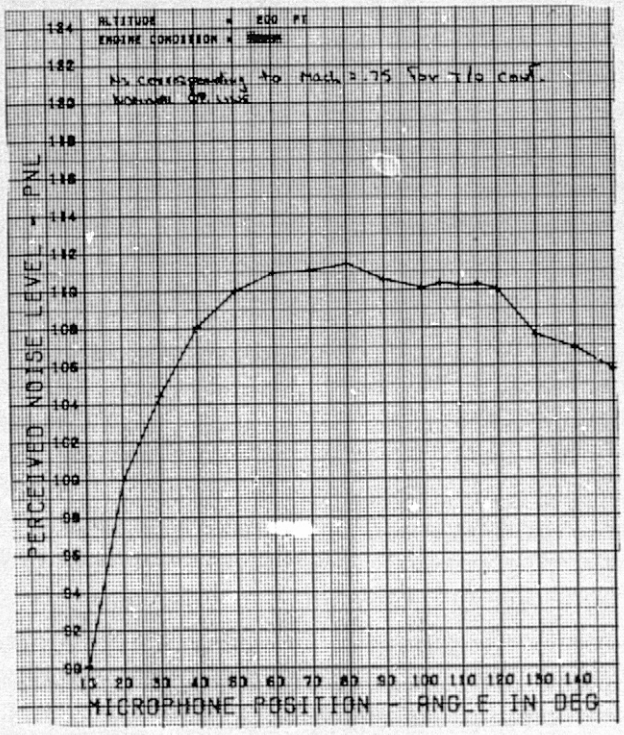

ALTITUDE = 200 FT
ENGINE CONDITION = 5260
Approach Flow
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

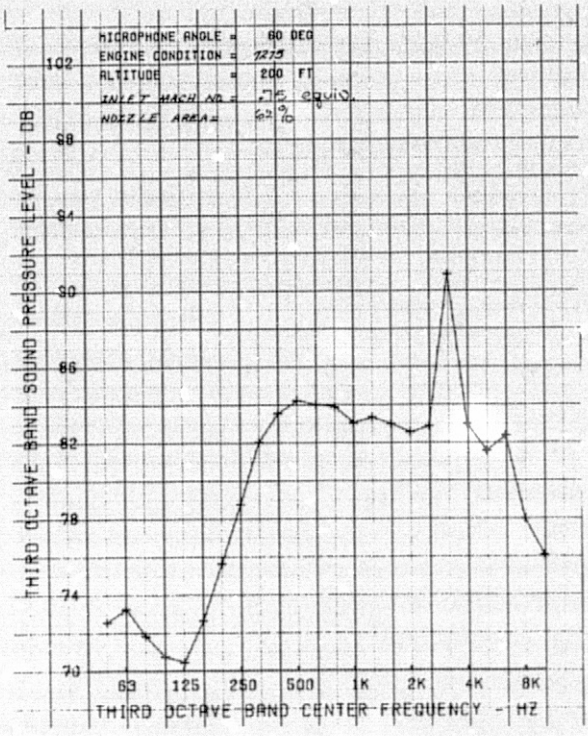

MICROPHONE ANGLE = 60 DEG
ENGINE CONDITION = 5260
ALTITUDE = 200 FT
APPROACH FLOW
NOZZLE AREA = 62%
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

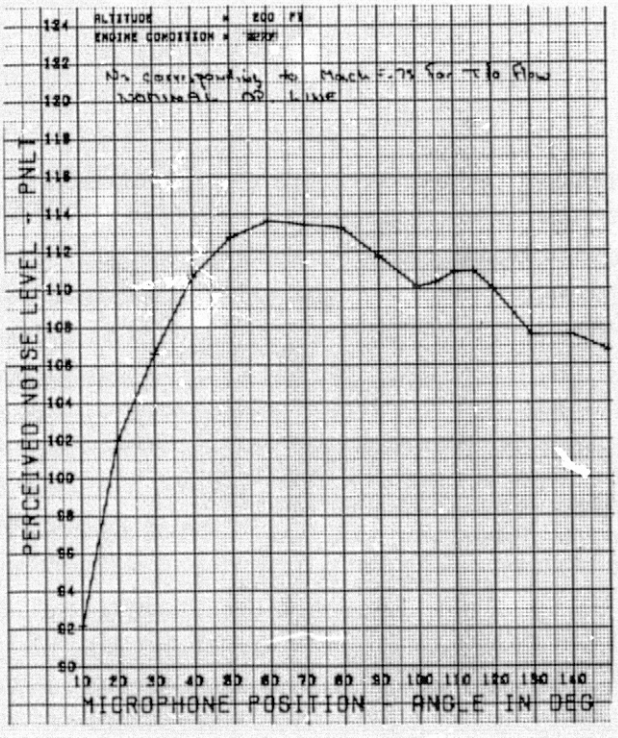

ALTITUDE = 200 FT
ENGINE CONDITION = 5260
Approach Flow
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

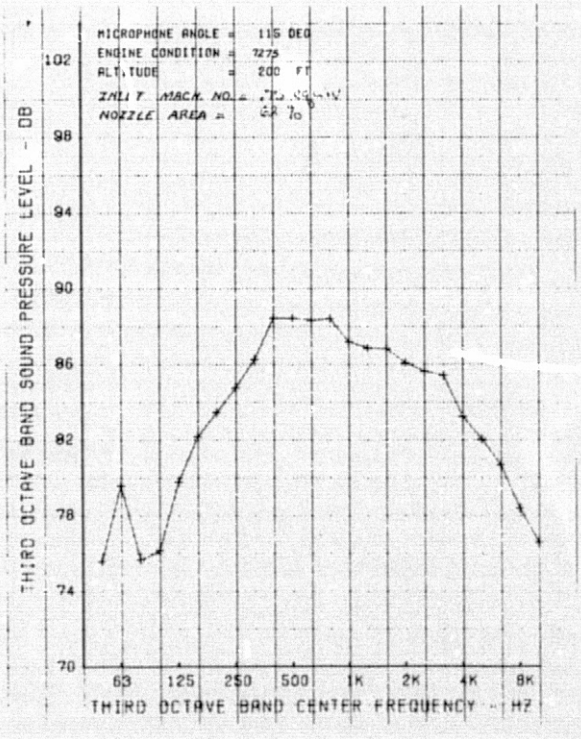

MICROPHONE ANGLE = 106 DEG
ENGINE CONDITION = 5260
ALTITUDE = 200 FT
Approach Flow
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. D-7

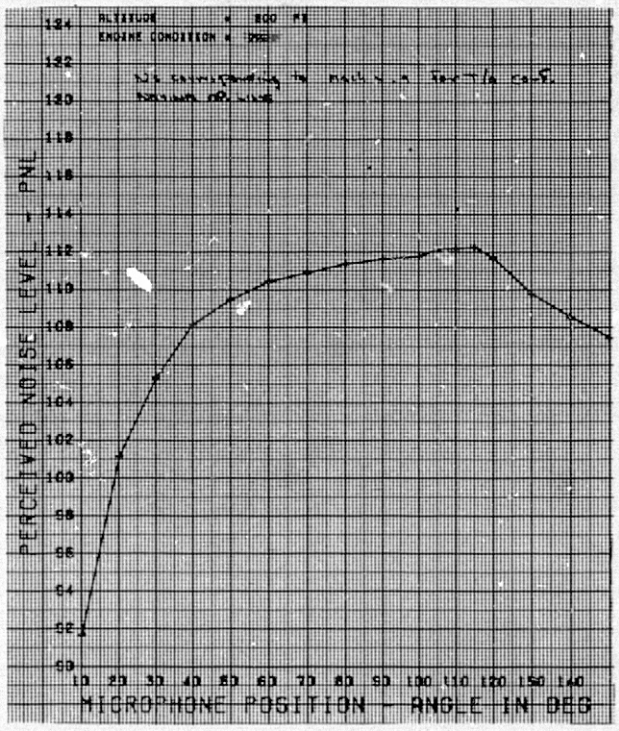

ALTITUDE = 200 FT
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

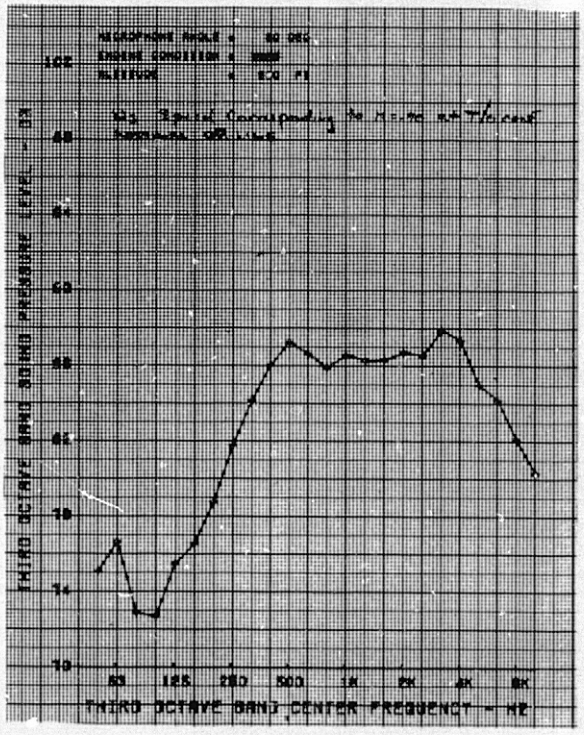

MICROPHONE ANGLE = 80 DEG
ENGINE CONDITION = 7275
ALTITUDE = 200 FT
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

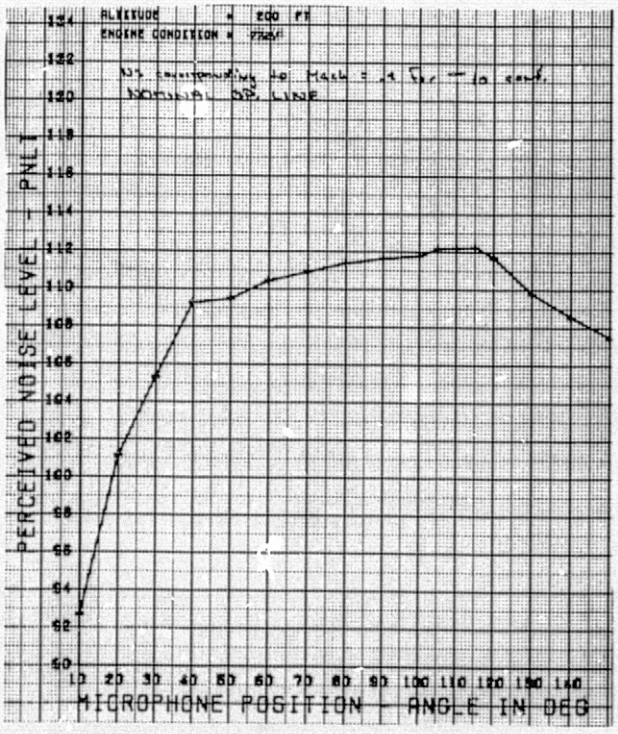

ALTITUDE = 200 FT
PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

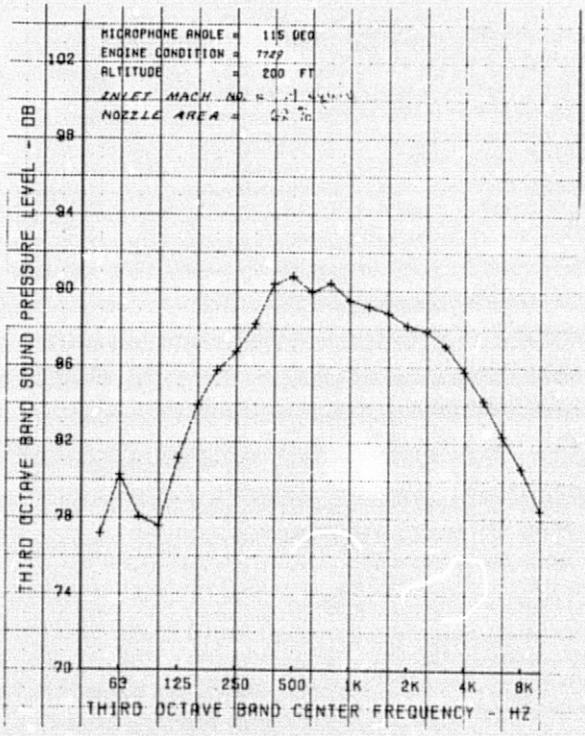

MICROPHONE ANGLE = 115 DEG
ENGINE CONDITION = 7275
ALTITUDE = 200 FT
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. D-8

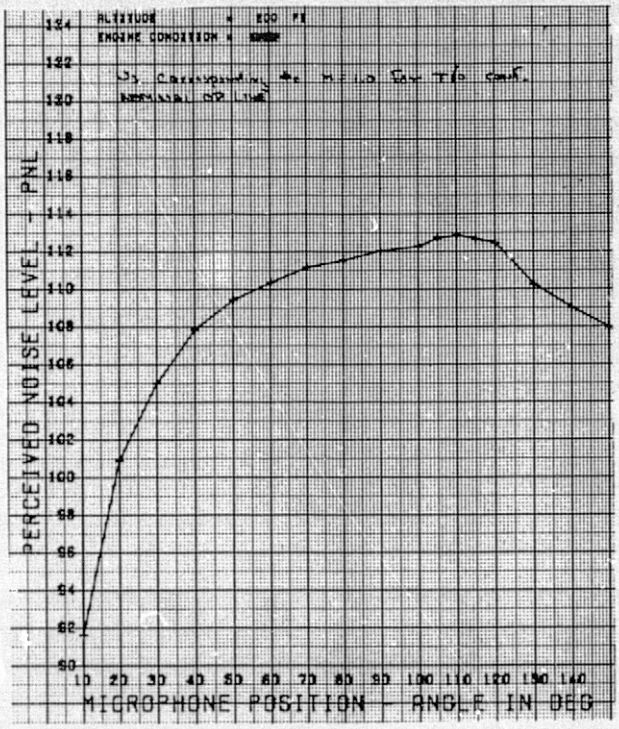

PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

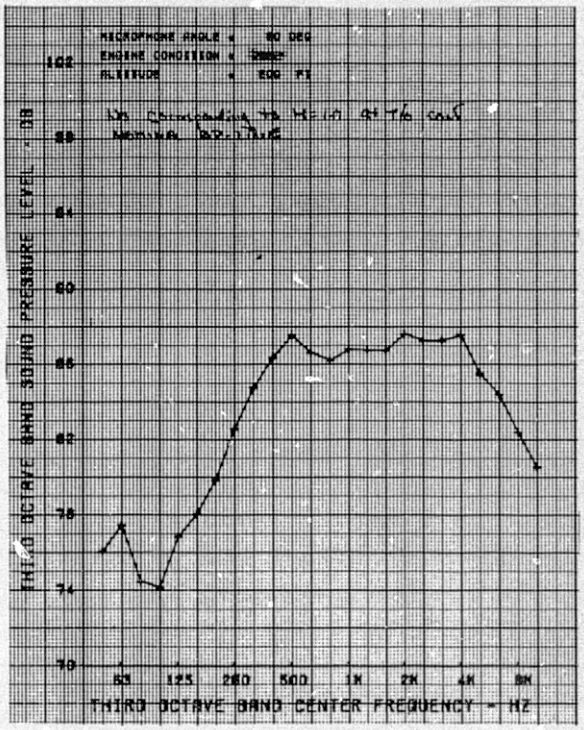

THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

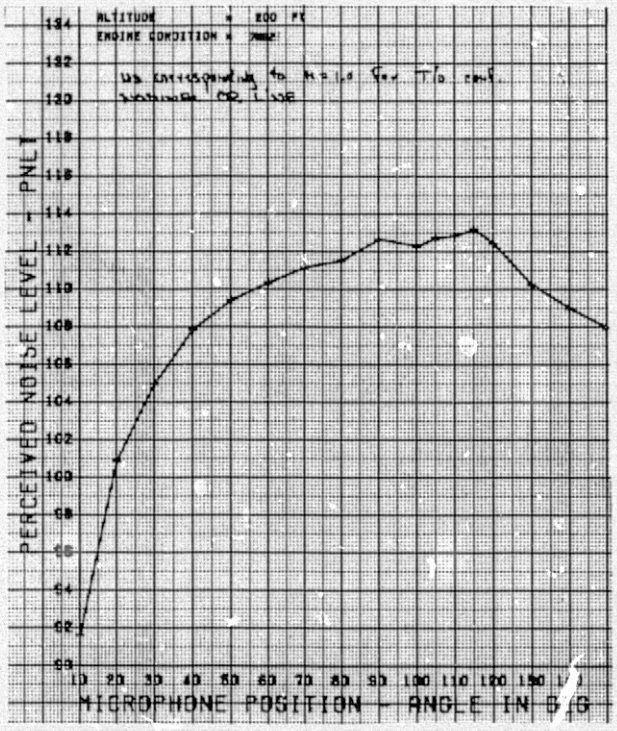

PERCEIVED NOISE LEVEL - PNLT
MICROPHONE POSITION - ANGLE IN DEG

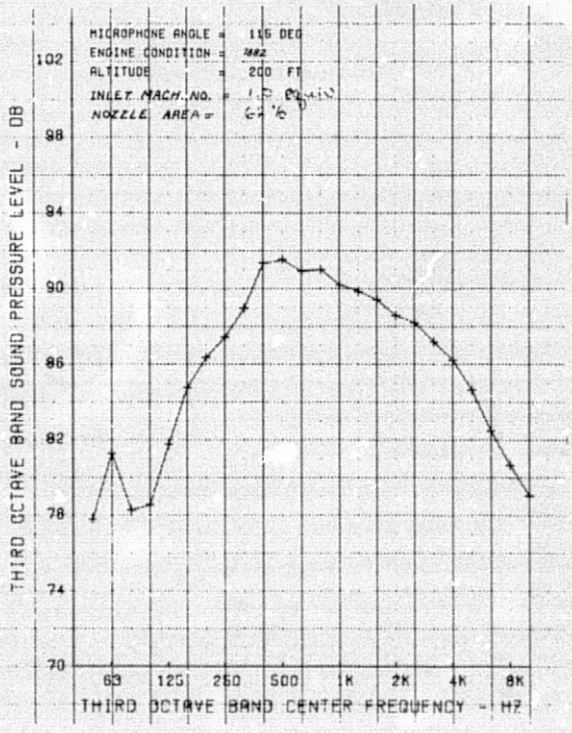

MICROPHONE ANGLE = 115 DEG
ENGINE CONDITION = 7727
ALTITUDE = 200 FT
INLET MACH NO. =
NOZZLE AREA =
THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

Point No. D-9



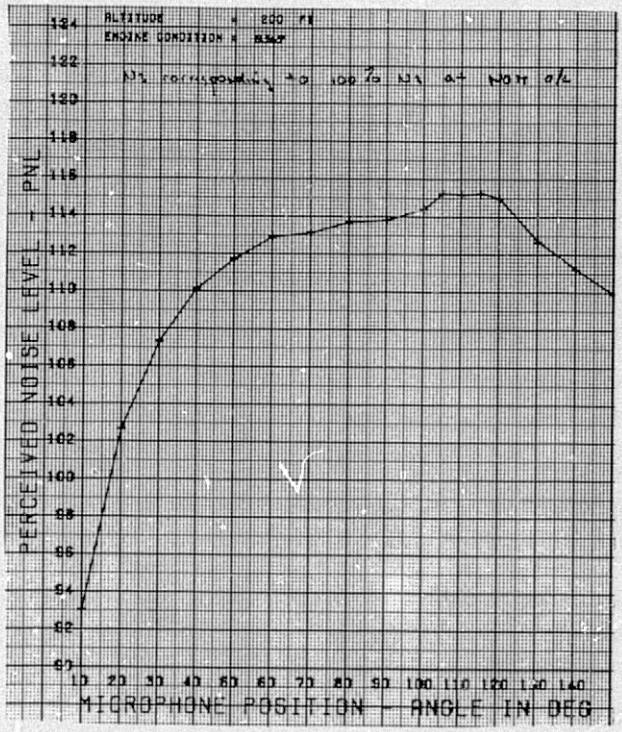


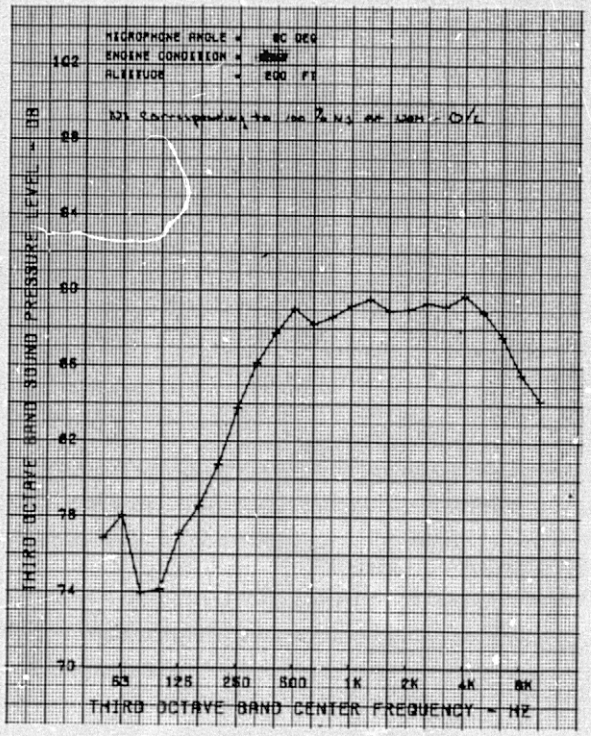


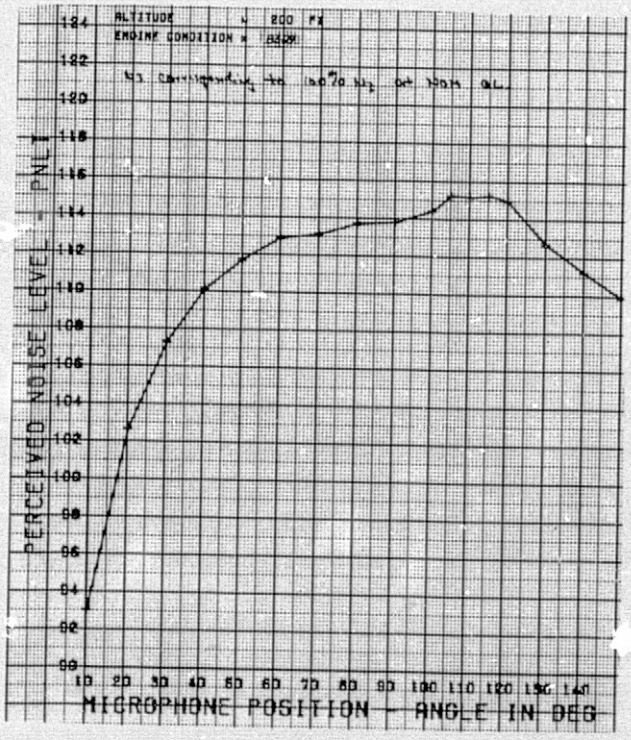


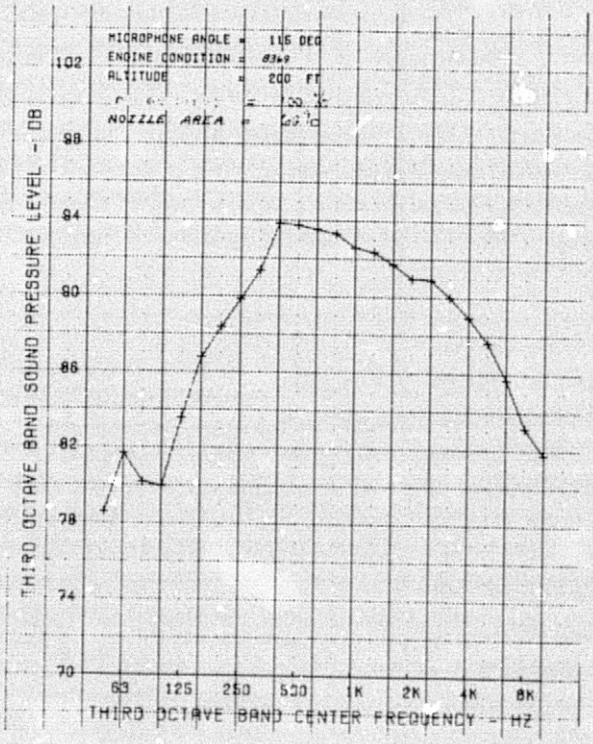
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ORIGINAL PAGE IS POOR

Point No. D-10


PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG


THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ


PERCEIVED NOISE LEVEL - PNL
MICROPHONE POSITION - ANGLE IN DEG

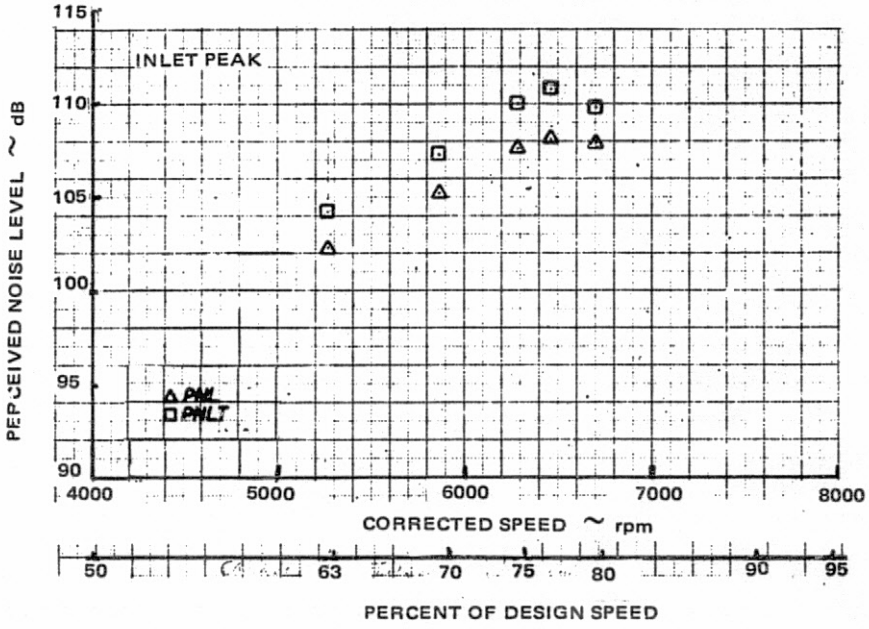

THIRD OCTAVE BAND SOUND PRESSURE LEVEL - DB
THIRD OCTAVE BAND CENTER FREQUENCY - HZ

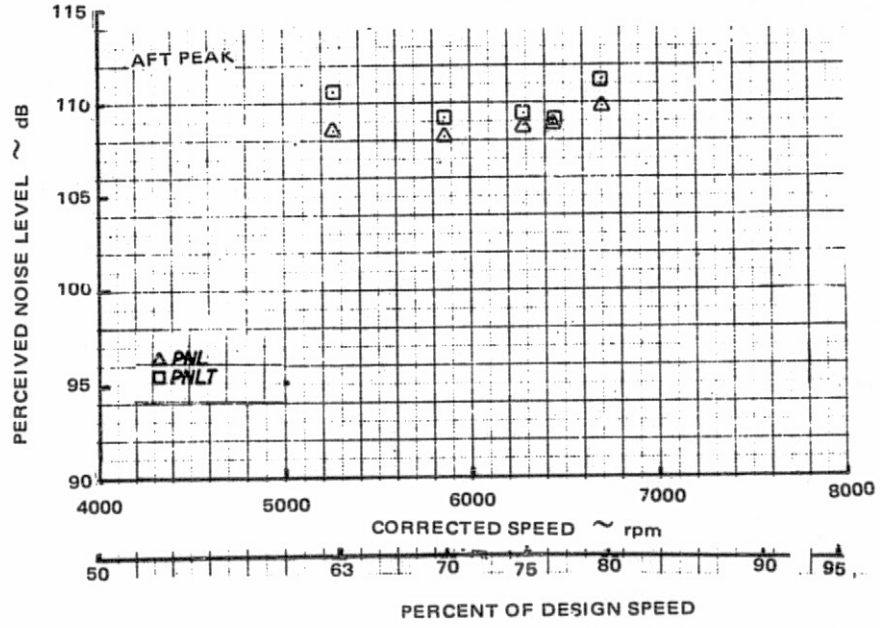
PLOTS OF PEAK PNL & PNLT VERSUS SPEED AT PEAK INLET AND AFT ANGLES

Note: 1) Configurations are identified on page 3.

PRECEDING PAGE BLANK NOT FILMED

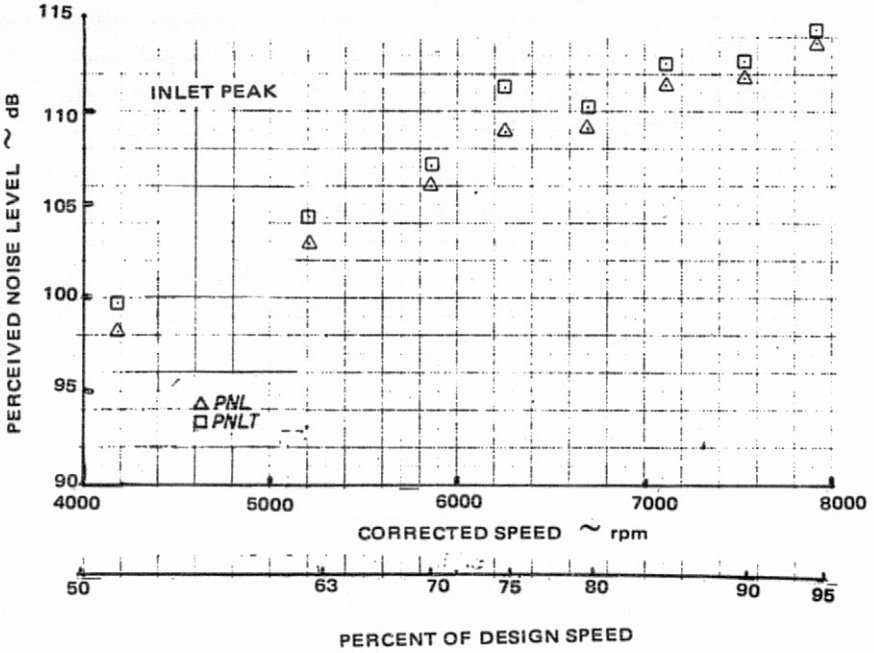
CONFIGURATION A
OPERATING LINE: LOW
NOISE LEVELS ON 200 FT SIDELINE

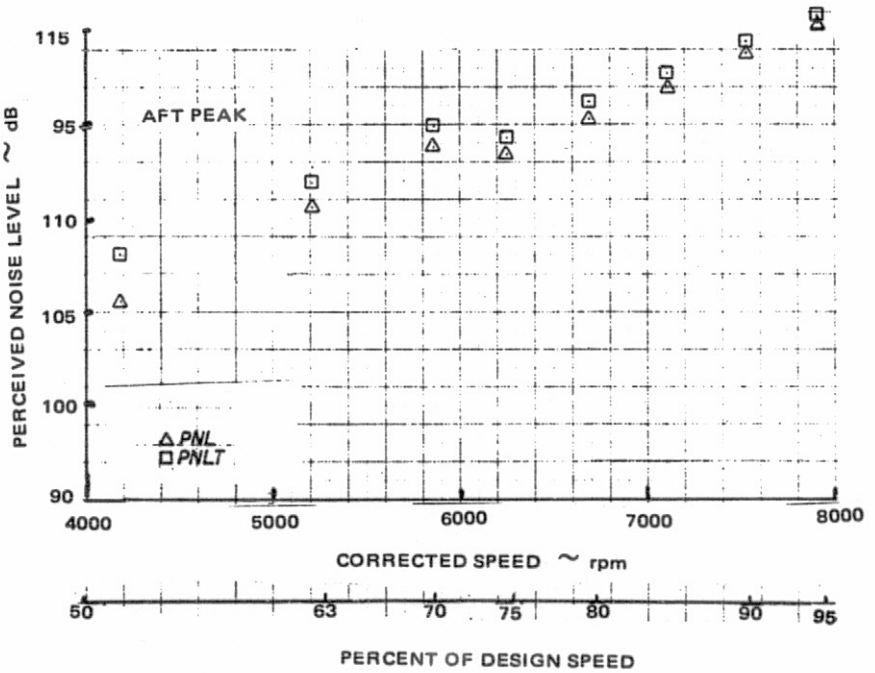




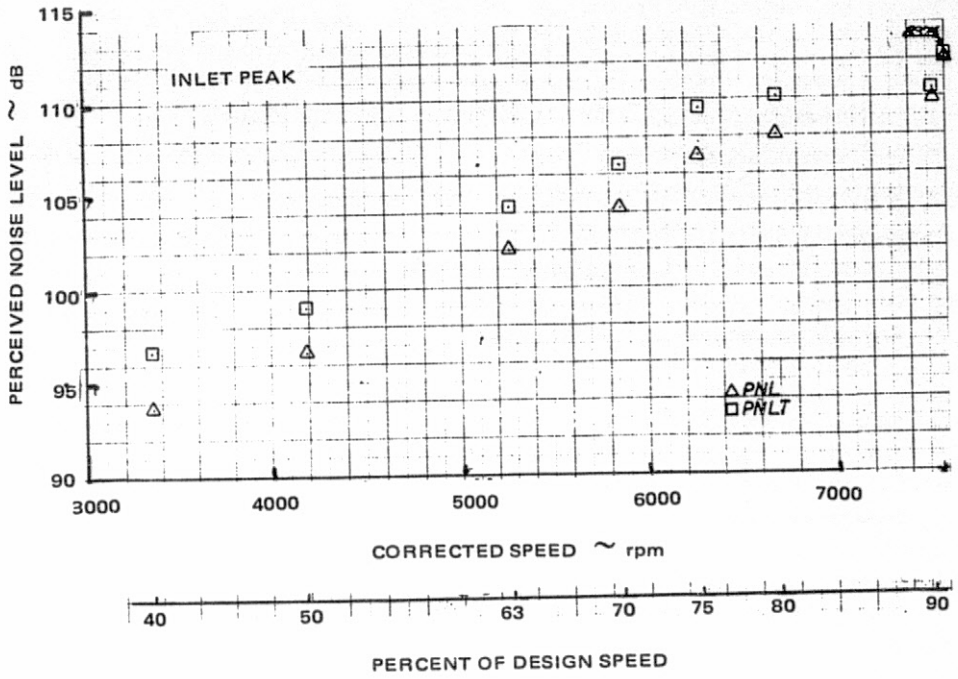
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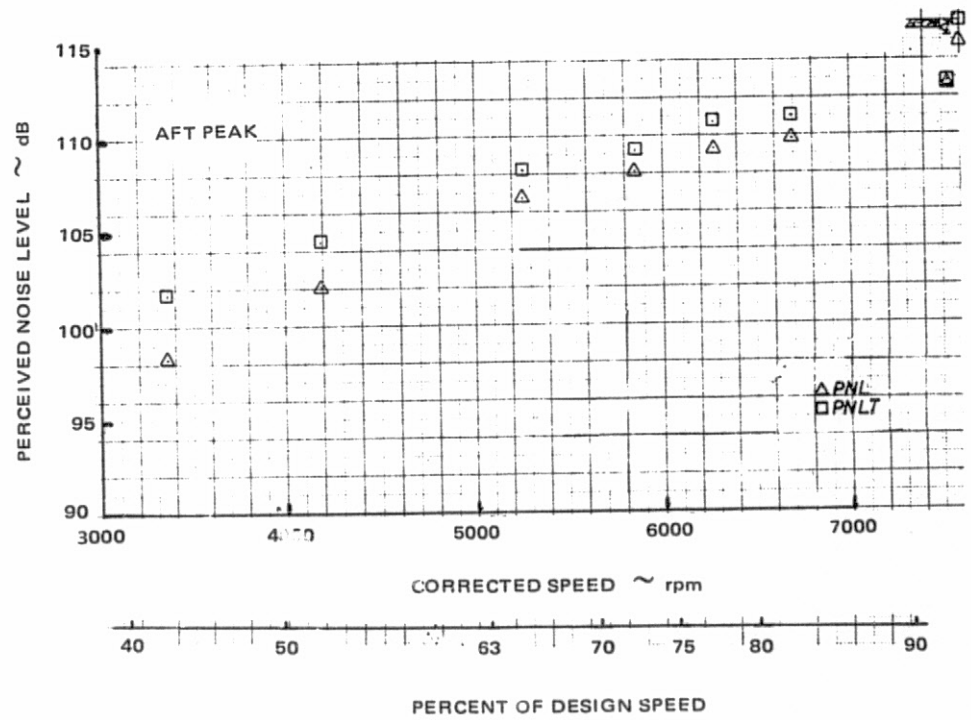
CONFIGURATION A
OPERATING LINE: NOMINAL
NOISE LEVELS ON 200 FT SIDELINE



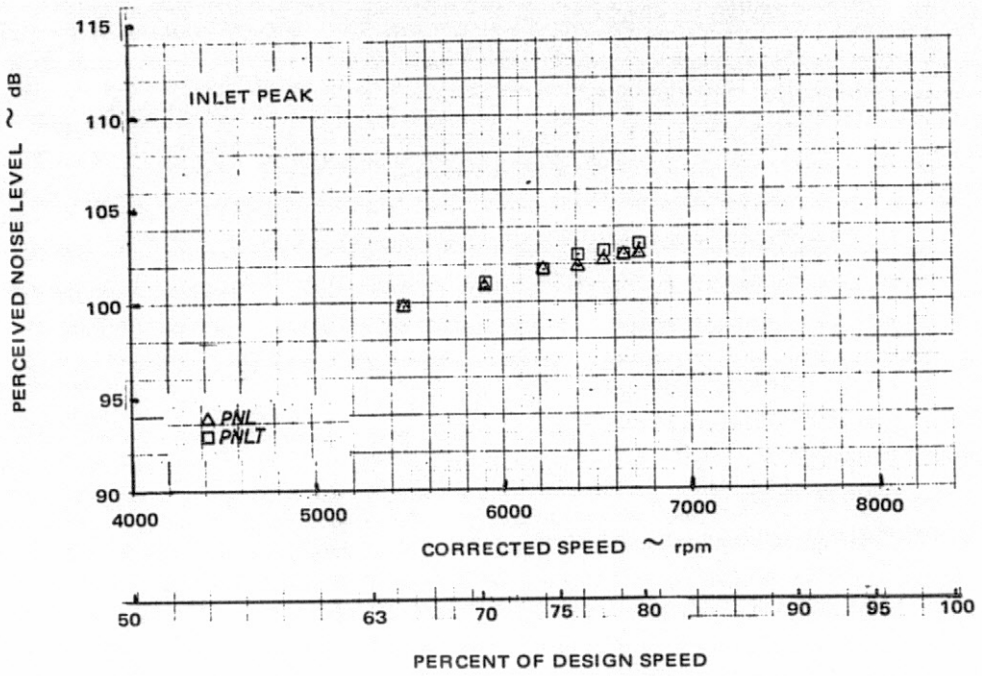


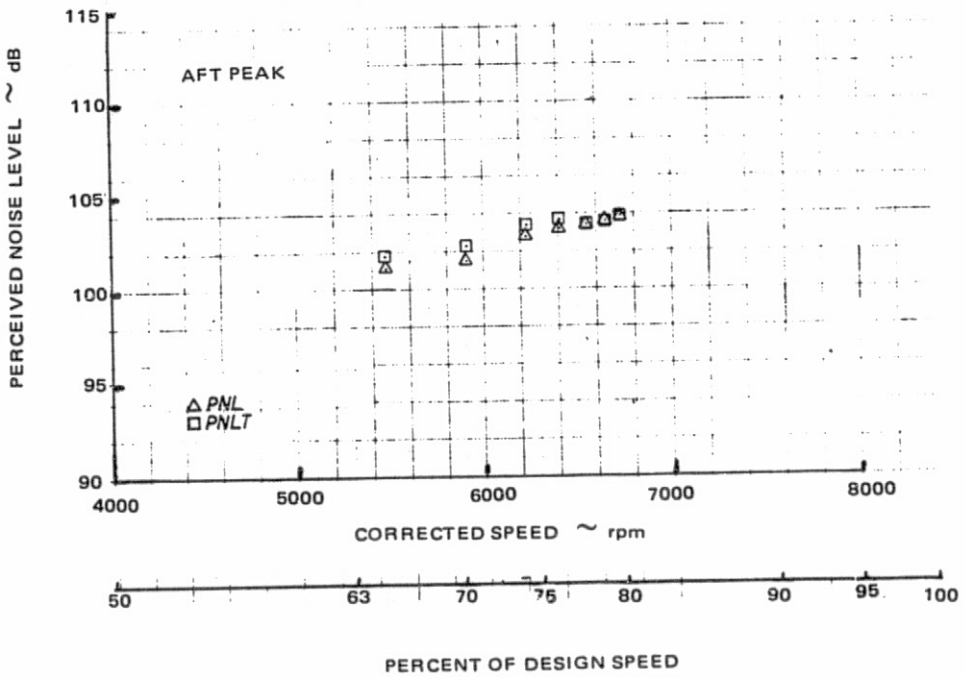
CONFIGURATION A
OPERATINE LINE: WIDE OPEN
NOISE LEVELS ON 200 FT SIDELINE



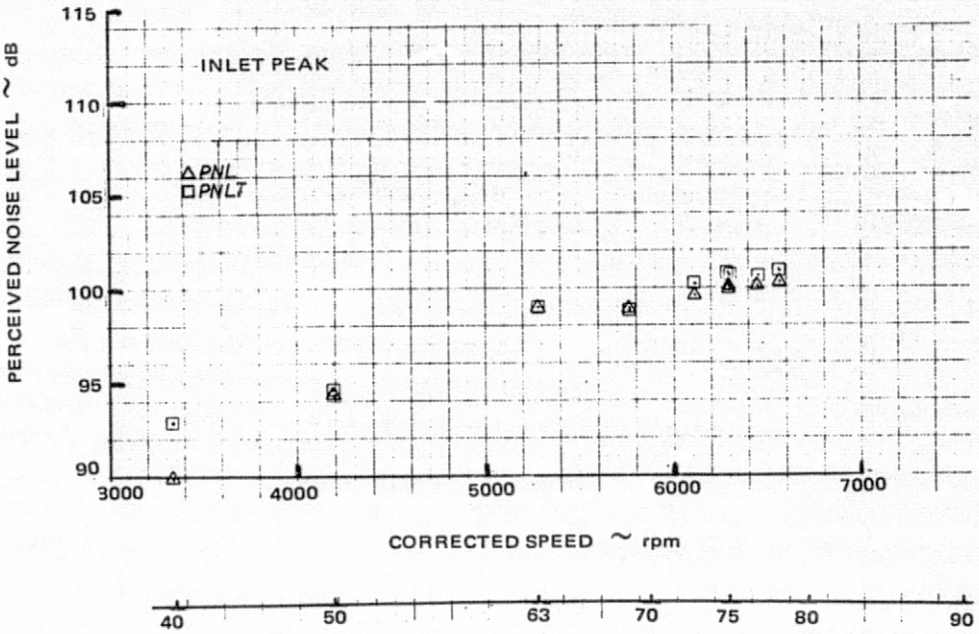


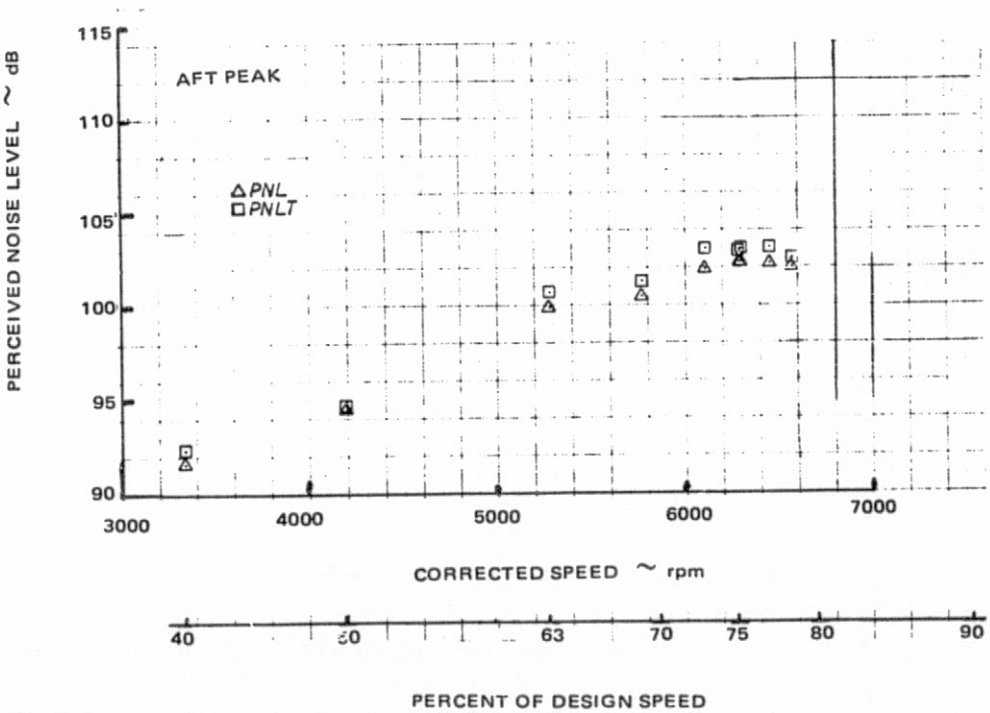
CONFIGURATION B – APPROACH POSITION (a)
OPERATING LINE: LOW
NOISE LEVELS ON 200 FT SIDELINE





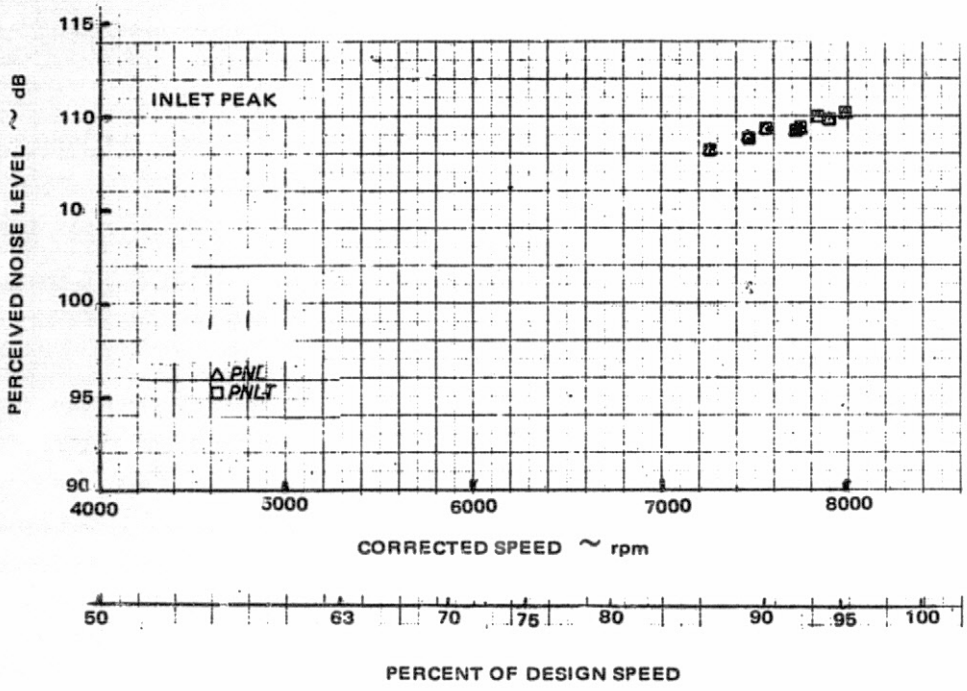
CONFIGURATION B – APPROACH POSITION (a)
OPERATING LINE: WIDE OPEN
NOISE LEVELS ON 200 FT SIDELINE

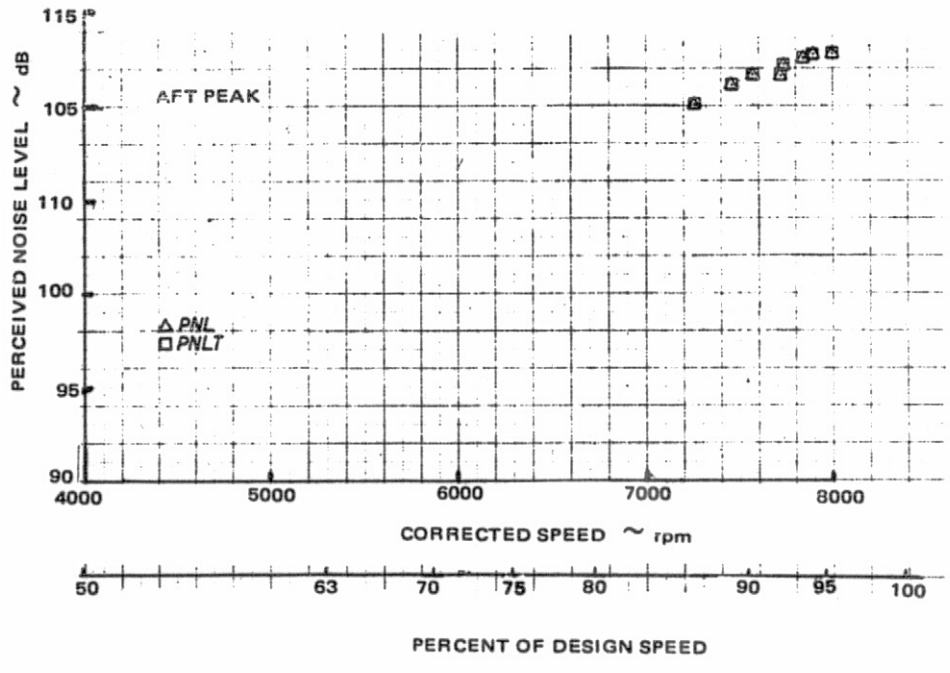




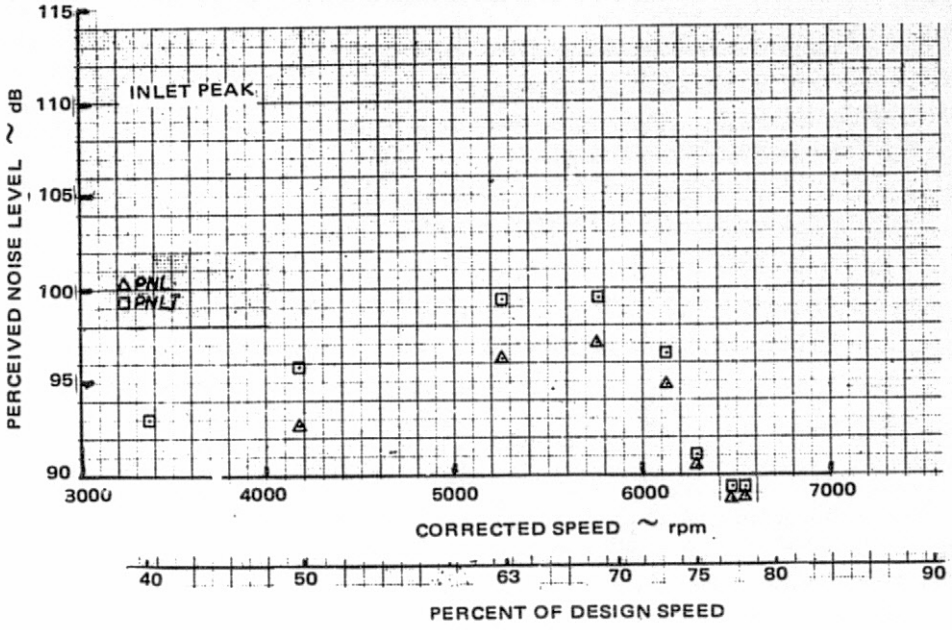
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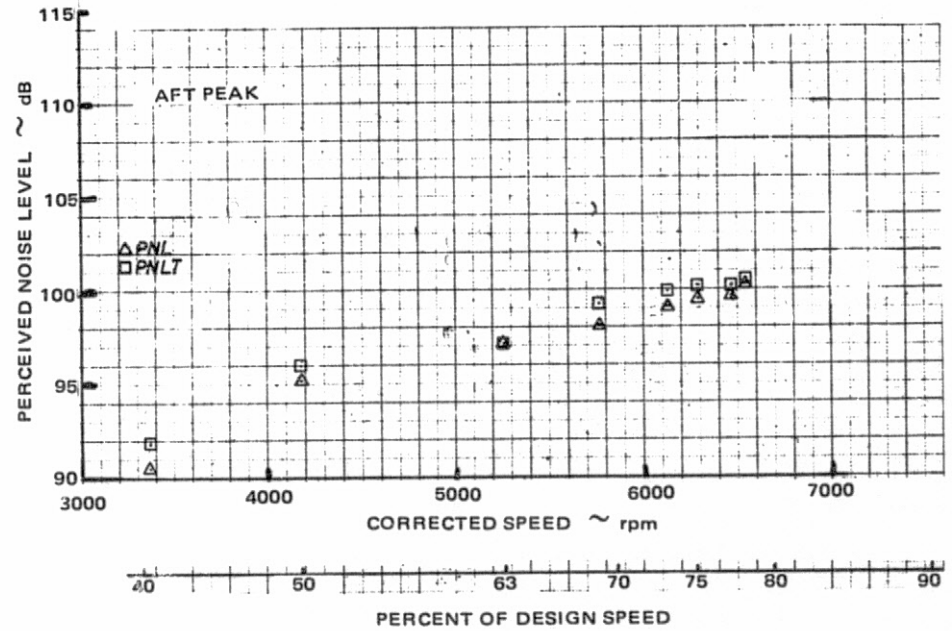
CONFIGURATION B – TAKEOFF POSITION (b)
OPERATING LINE: NOMINAL
NOISE LEVELS ON 200 FT SIDELINE



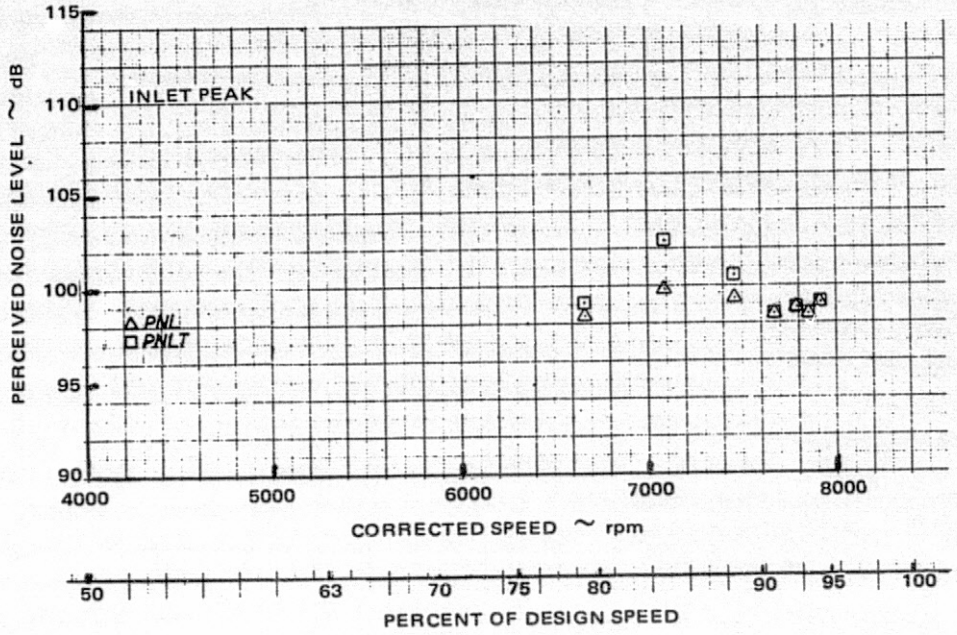


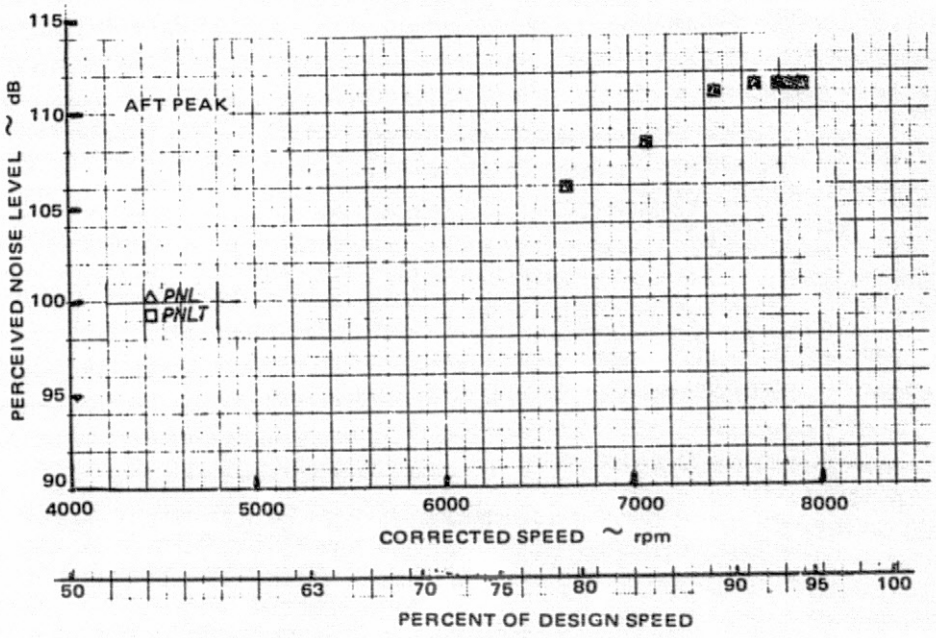
CONFIGURATION C – APPROACH POSITION (a)
OPERATING LINE: WIDE OPEN
NOISE LEVELS ON 200 FT SIDELINE



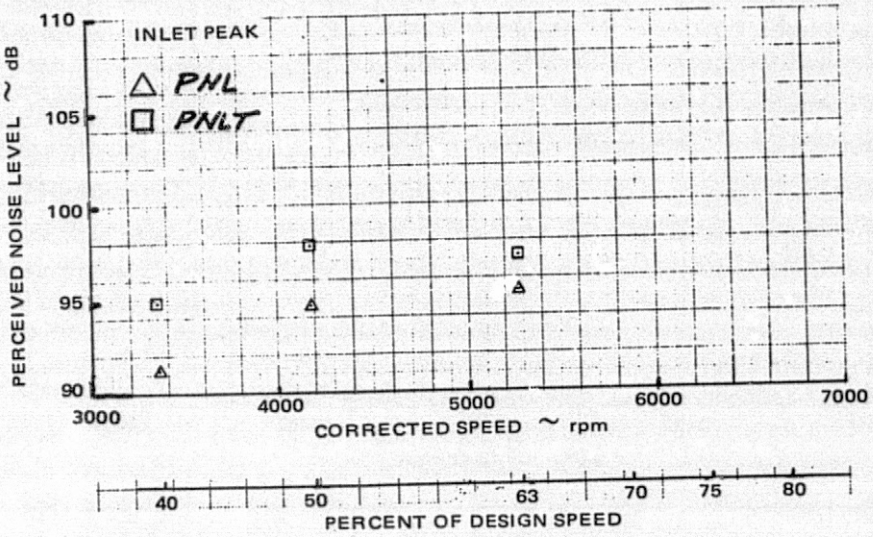


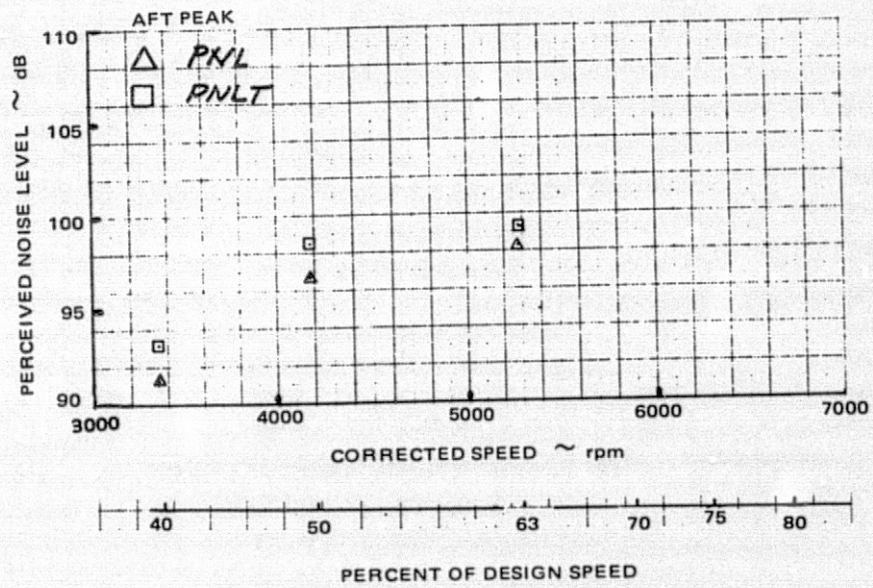
CONFIGURATION C – TAKEOFF POSITION (b)
OPERATING LINE: NOMINAL
NOISE LEVELS ON 200 FT SIDELINE





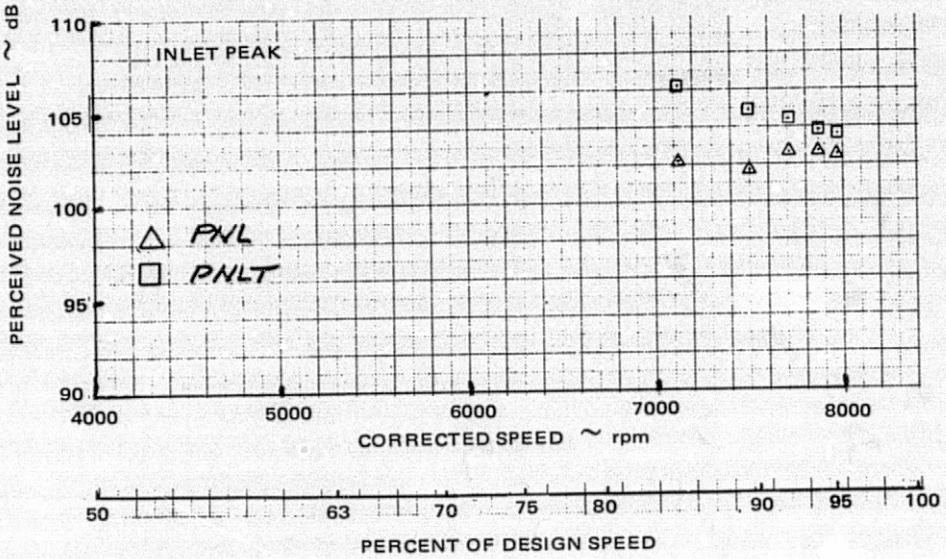
CONFIGURATION C – TAKEOFF POSITION (b)
OPERATING LINE: WIDE OPEN
NOISE LEVELS ON 200 FT SIDELINE

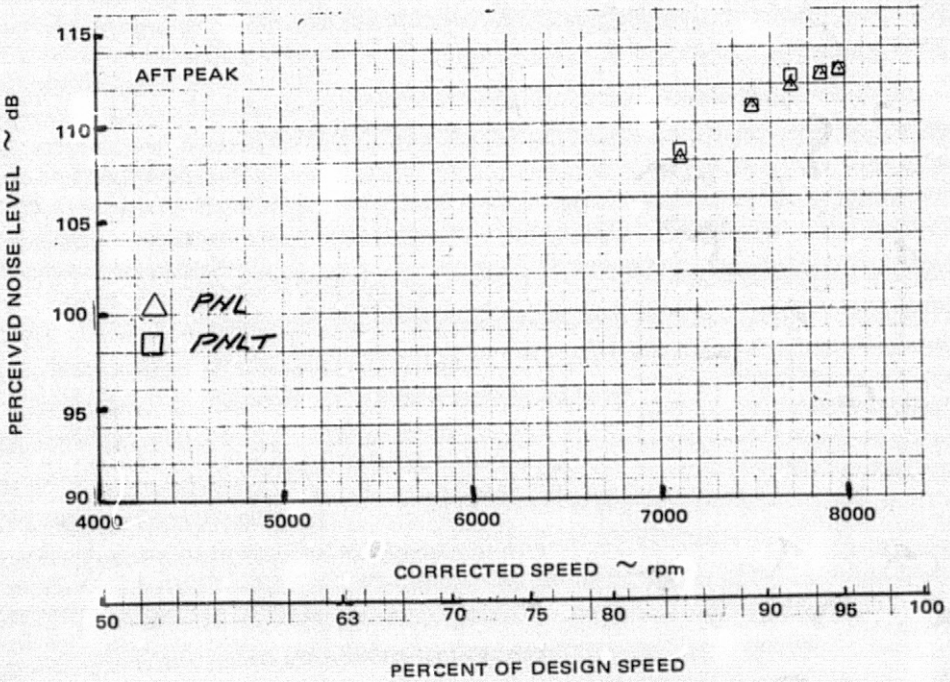




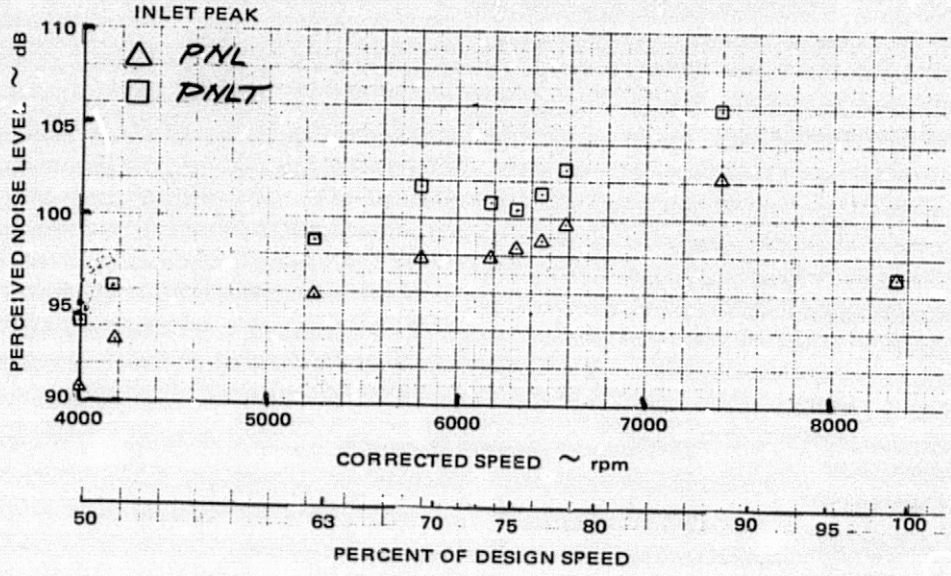
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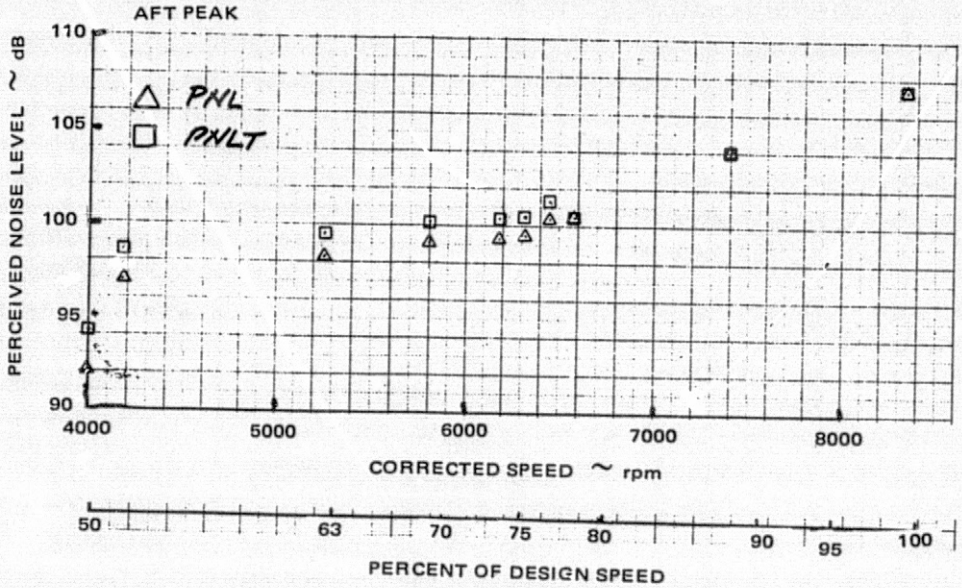
CONFIGURATION C – CRUISE POSITION (c)
OPERATING LINE: NOMINAL
NOISE LEVEL ON 200 FT SIDELINE



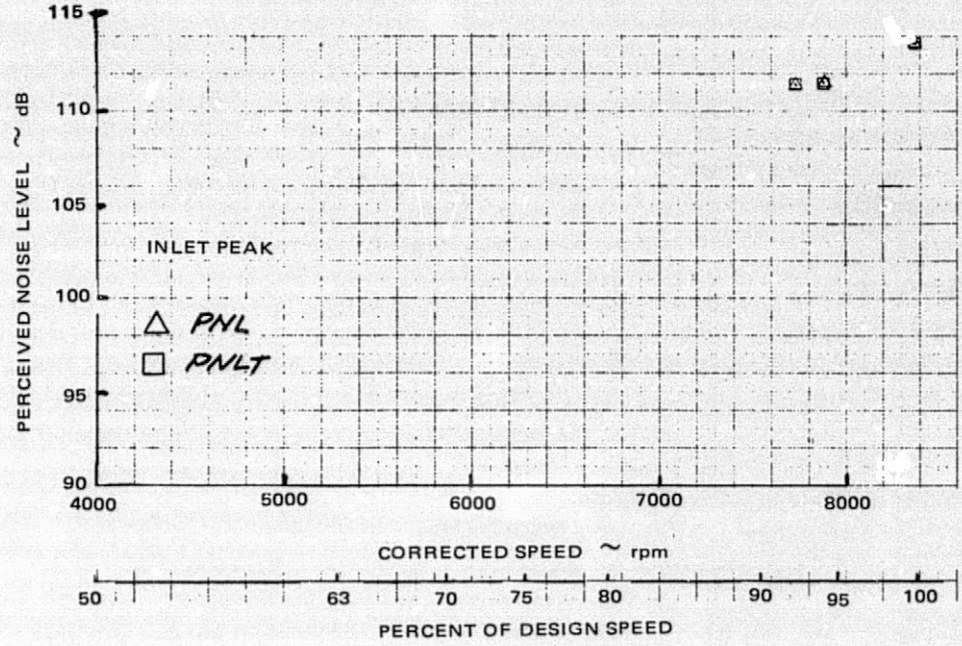


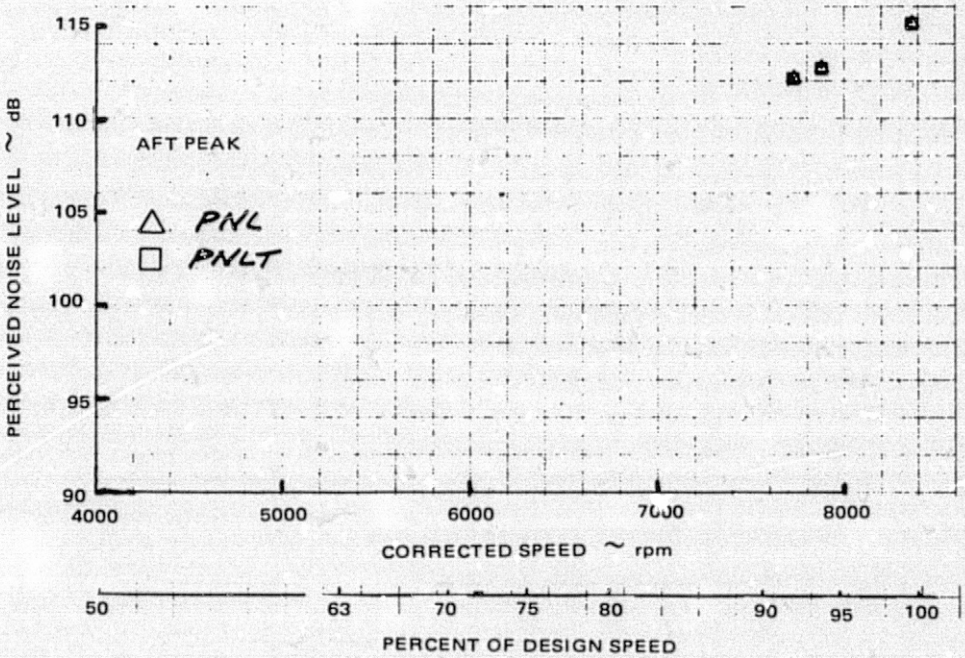
CONFIGURATION C – CRUISE POSITION (c)
OPERATING LINE: WIDE OPEN
NOISE LEVEL ON 200 FT SIDELINE



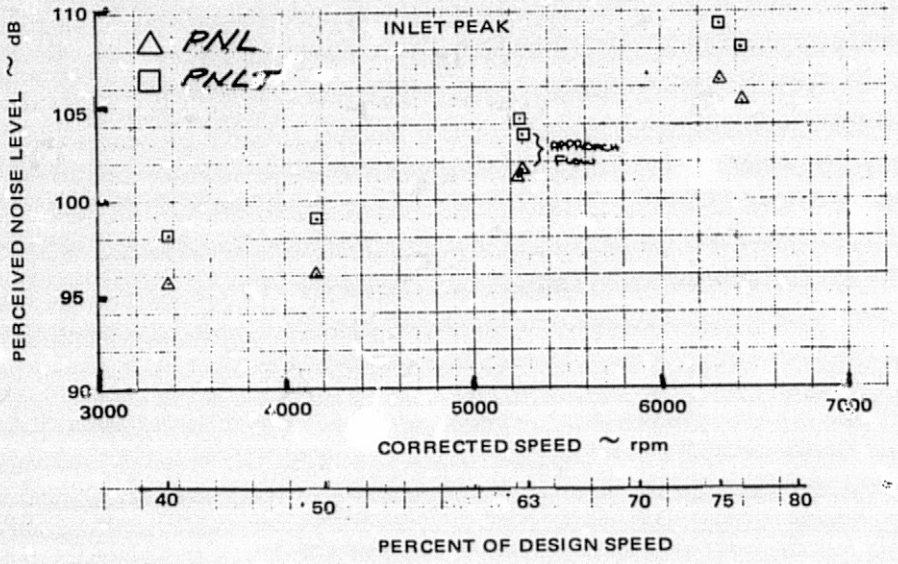


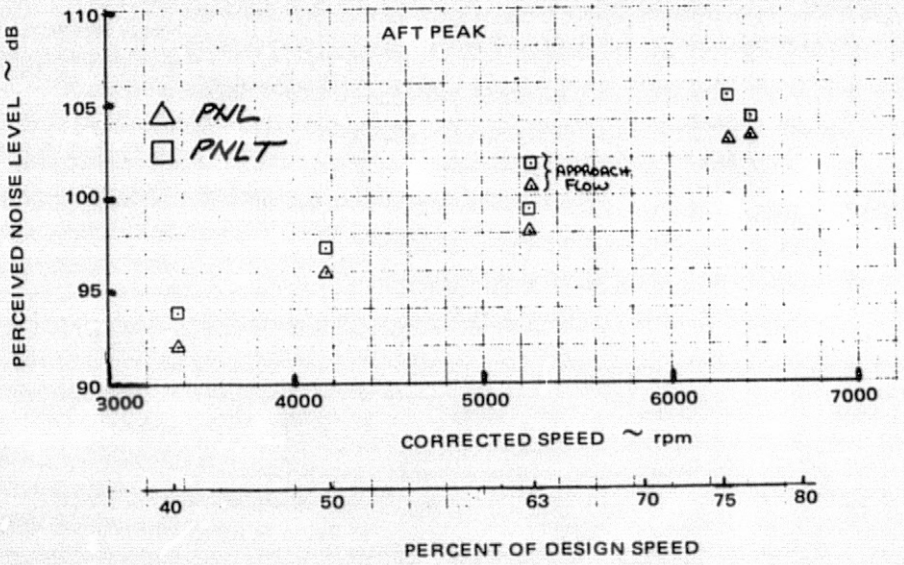
CONFIGURATION D
OPERATING LINE: NOMINAL
NOISE LEVEL ON 200 FT SIDELINE





CONFIGURATION D
OPERATING LINE: WIDE OPEN
NOISE LEVEL ON 200 FT SIDELINE





POWER SPECTRA

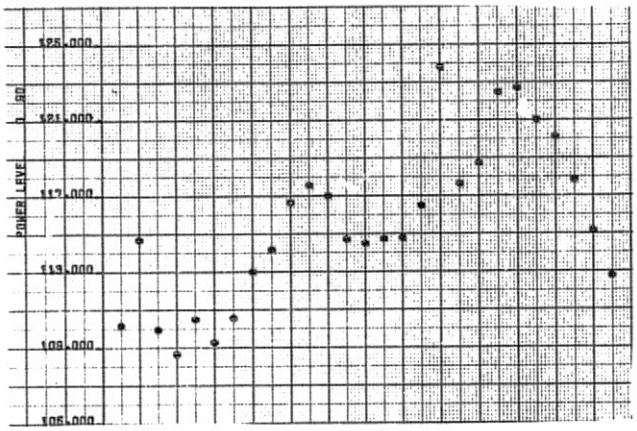
NOTE: 1) Operating conditions can be determined from "Point No." identification from tables of "Overall Performance Data For Acoustic Test Conditions" on pages 4 to 7.

2) Configurations are identified on page 3.

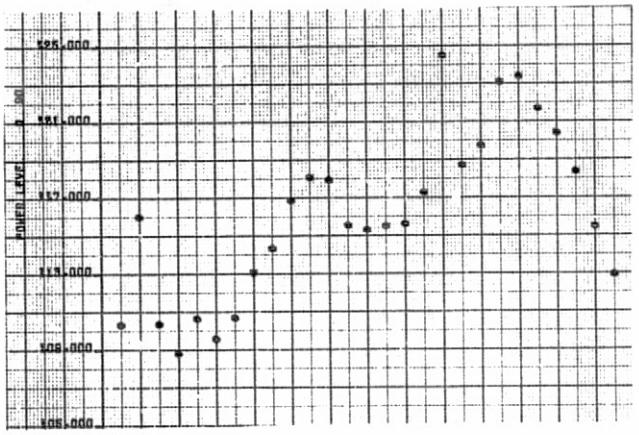
3) Relationship of 1/3-octave band number to center frequency is provided on page 8.

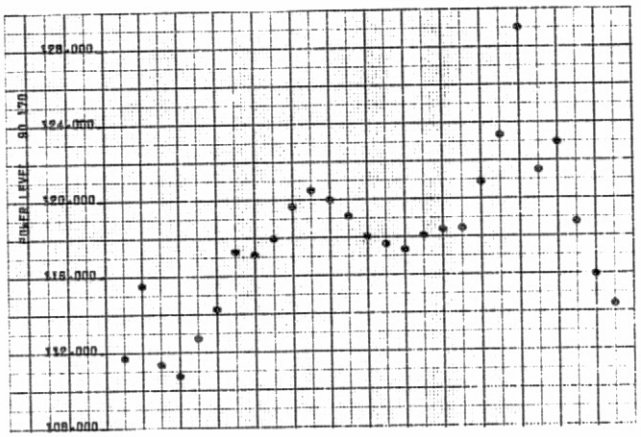
4) Ordinates on Power Spectra plots (e.g., Power Level 0 to 90) refer to microphone angular range over which data was averaged.

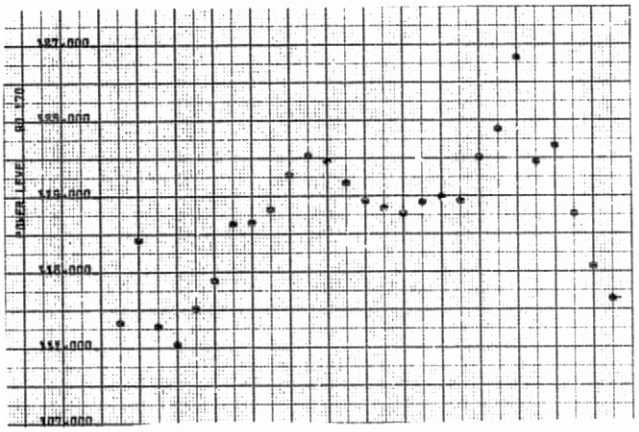
Point No. A-1

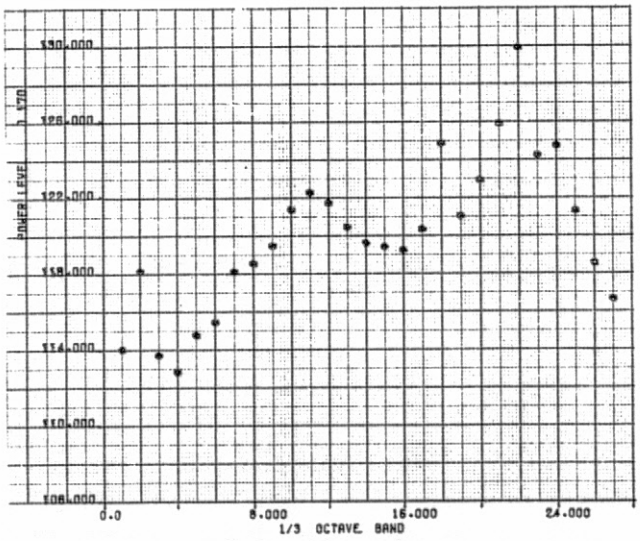


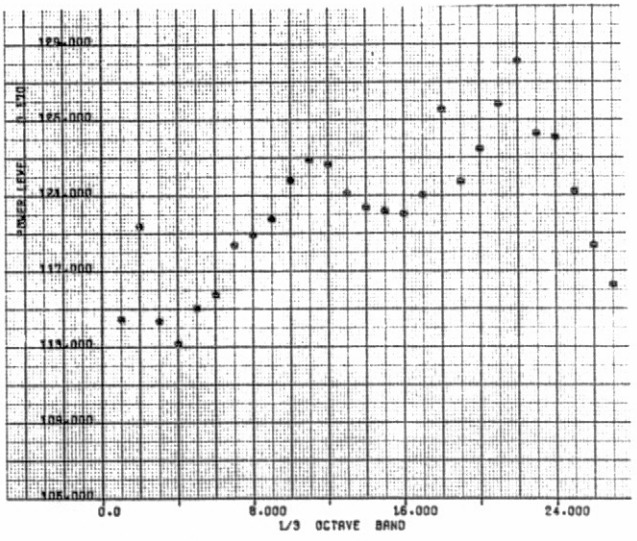
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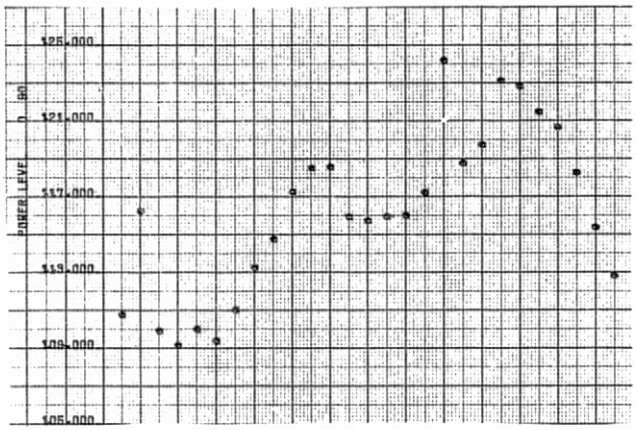




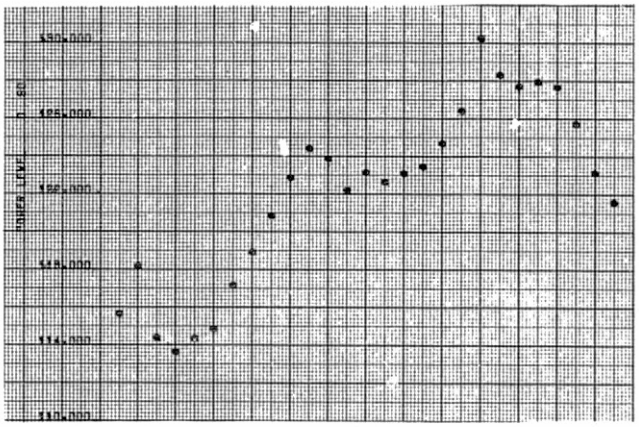


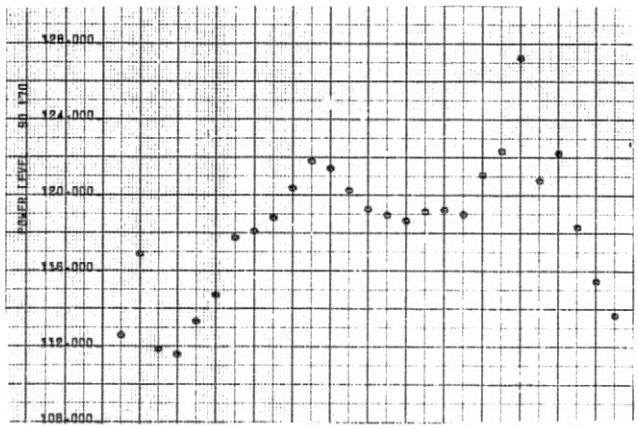
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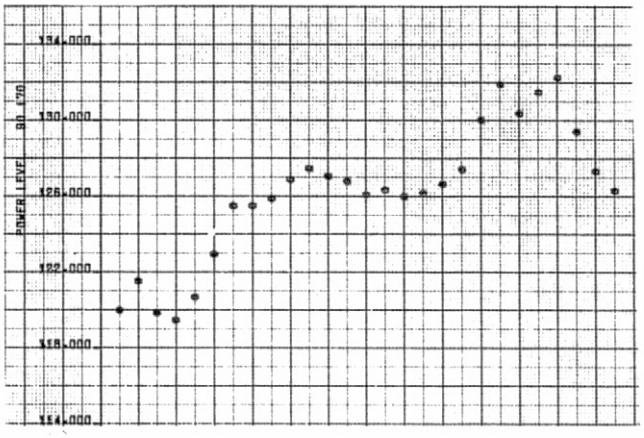
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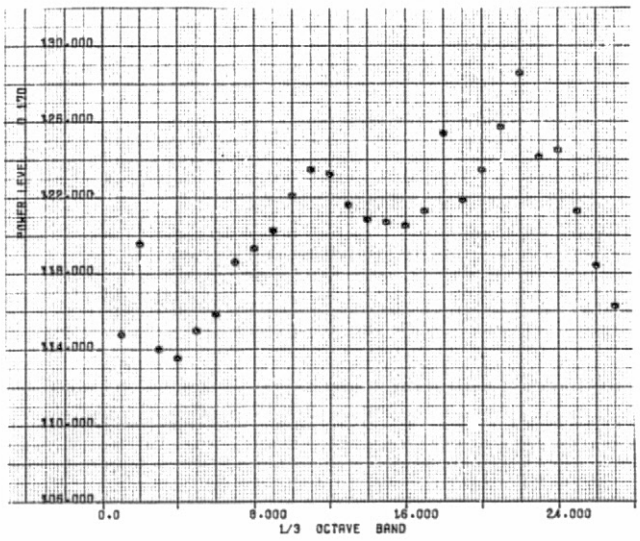


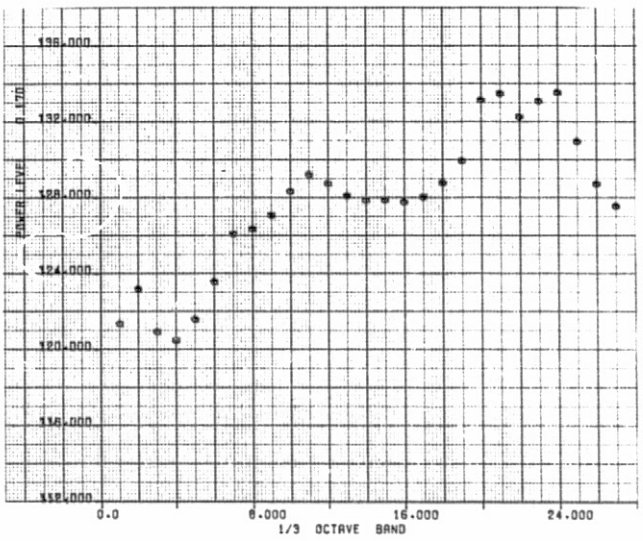
Point No. A-4



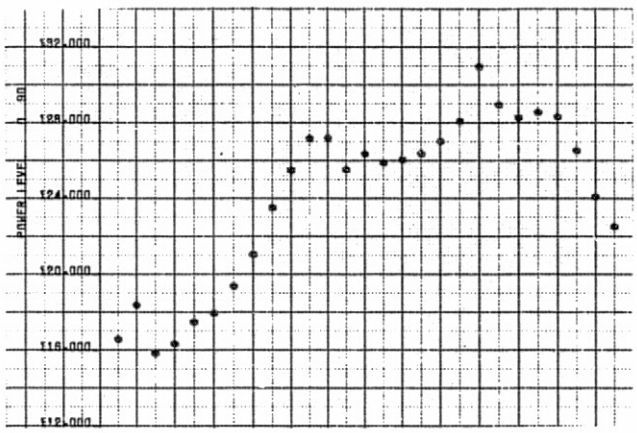


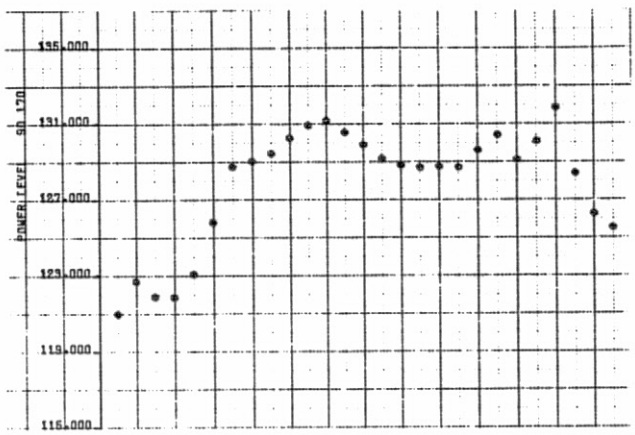


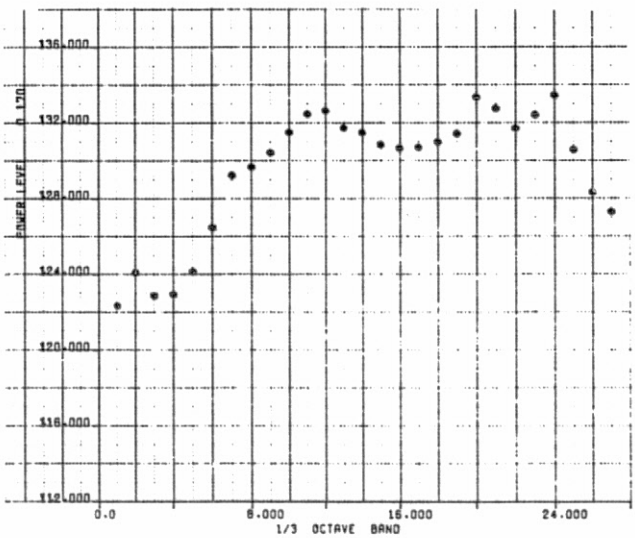




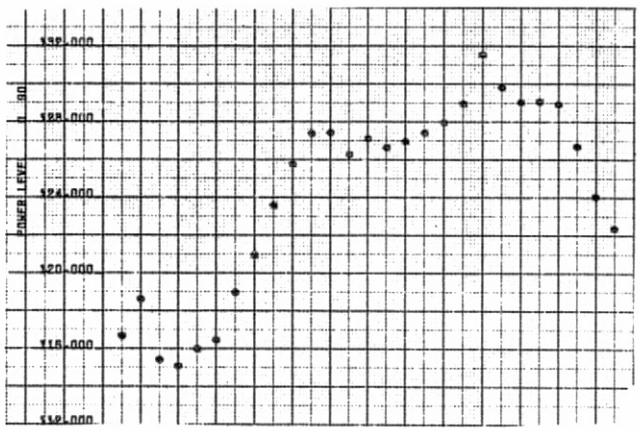
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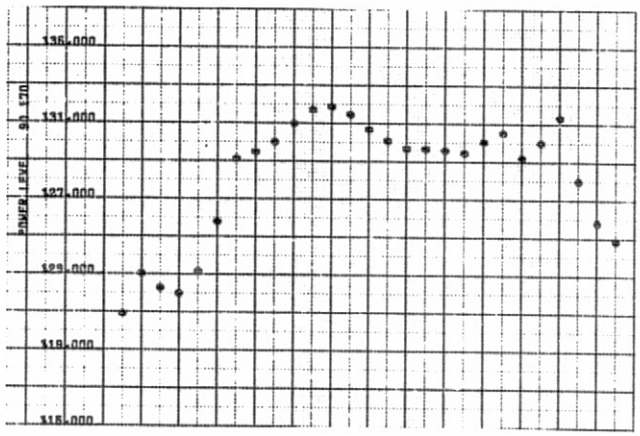


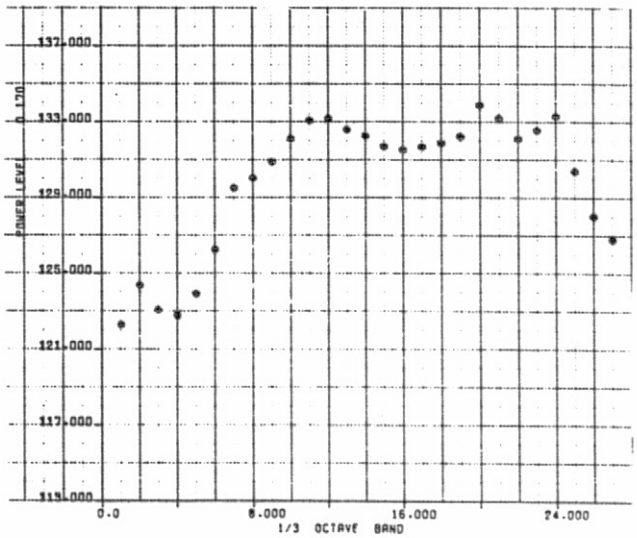




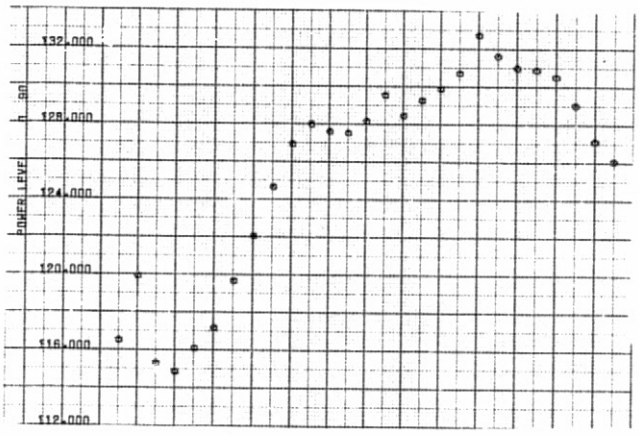
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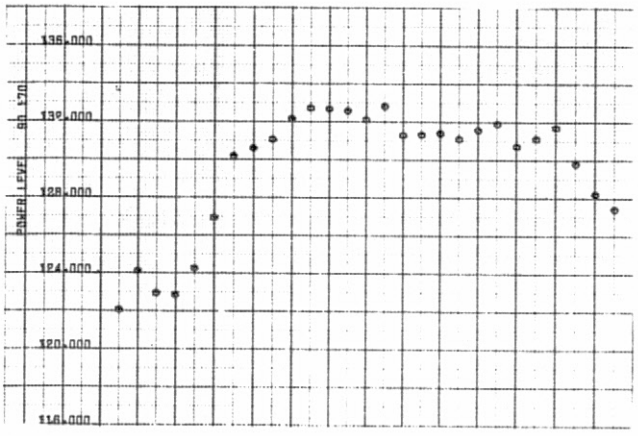


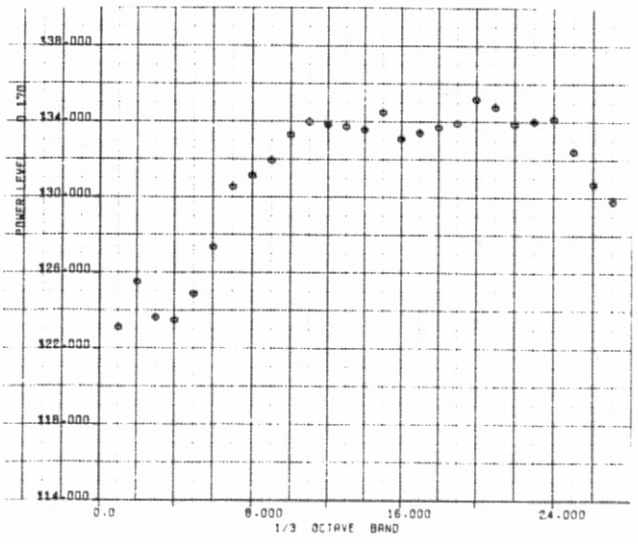




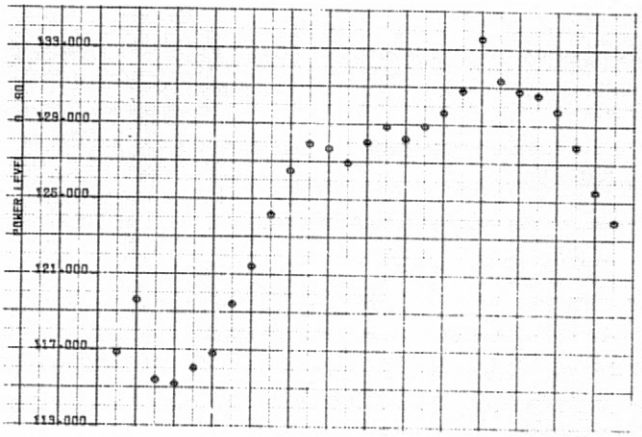
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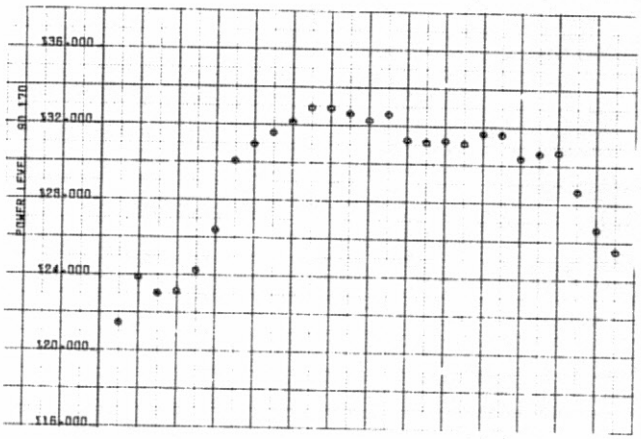


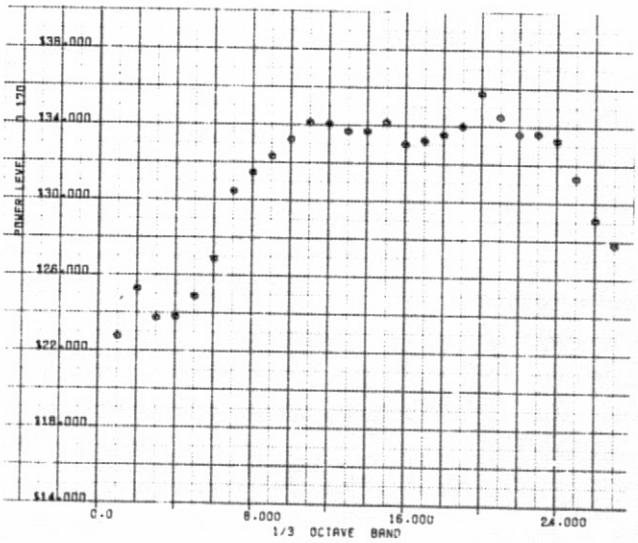




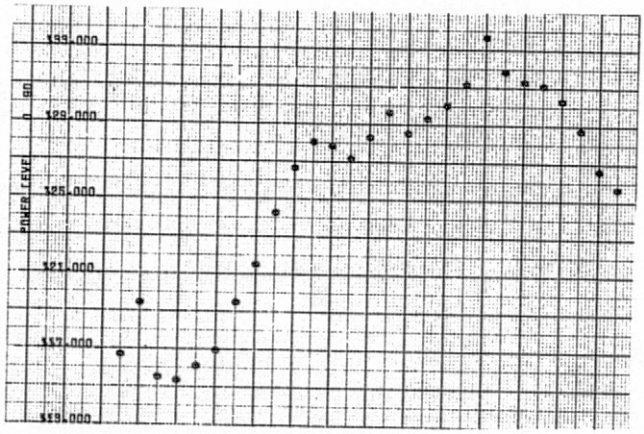
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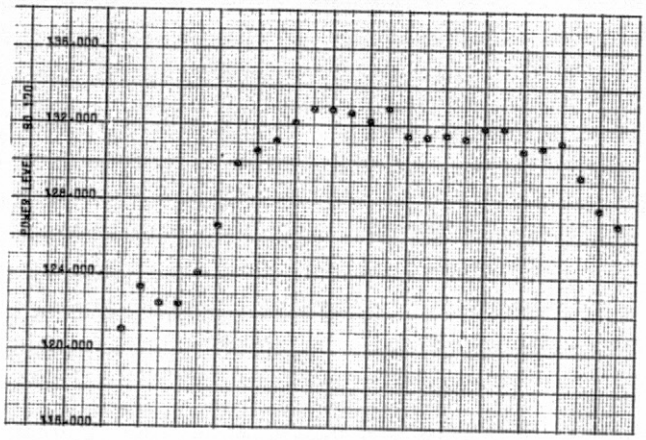


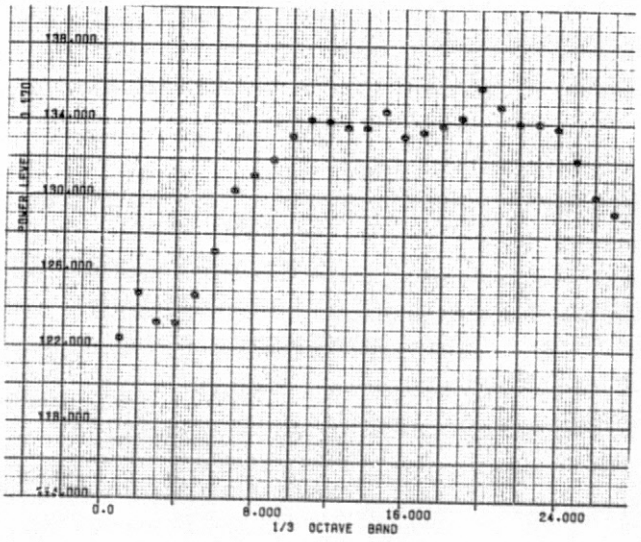




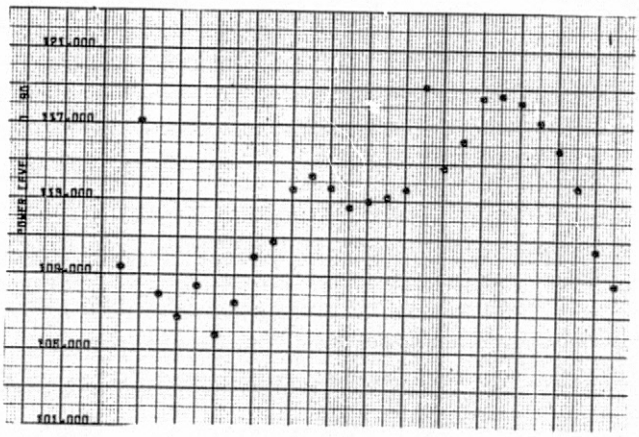
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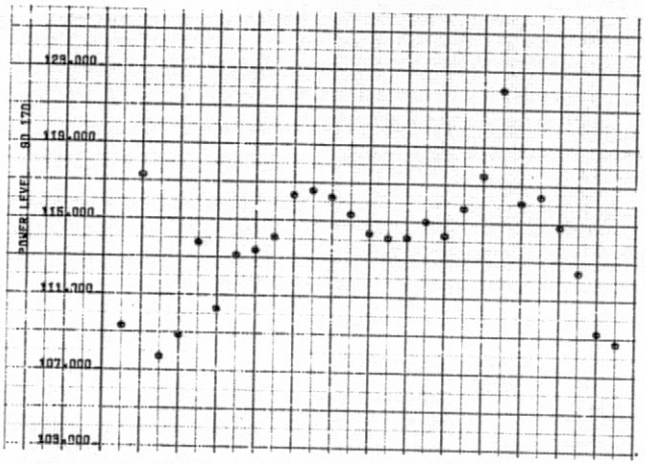


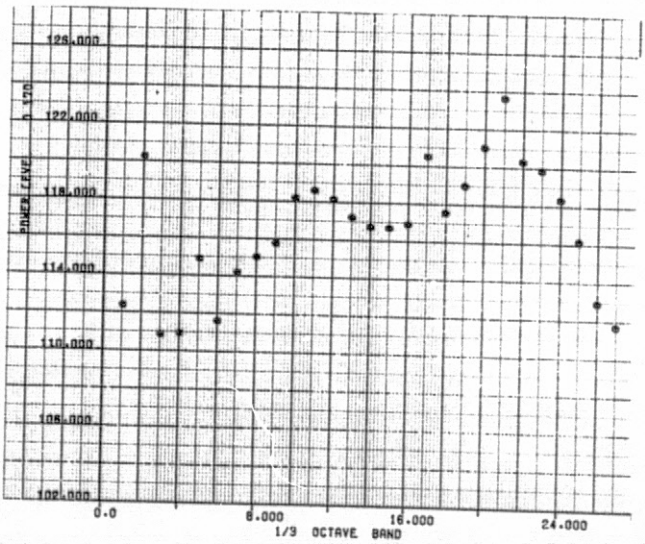




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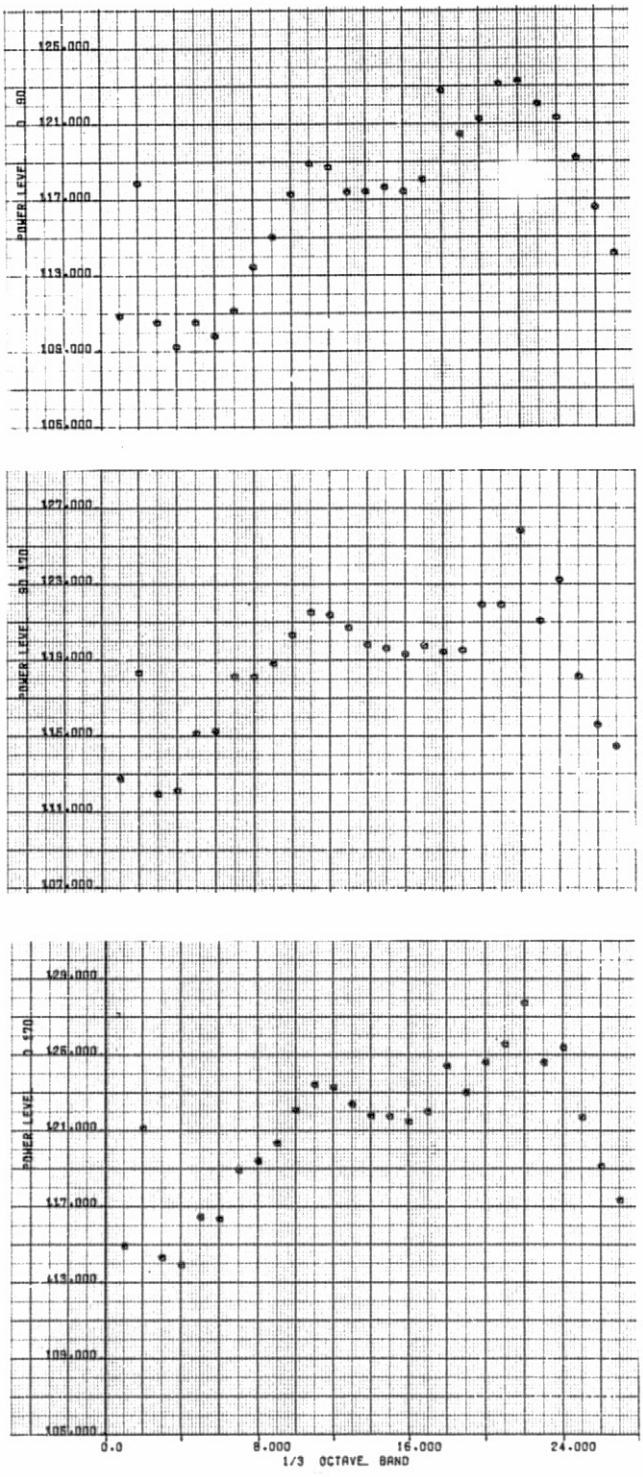




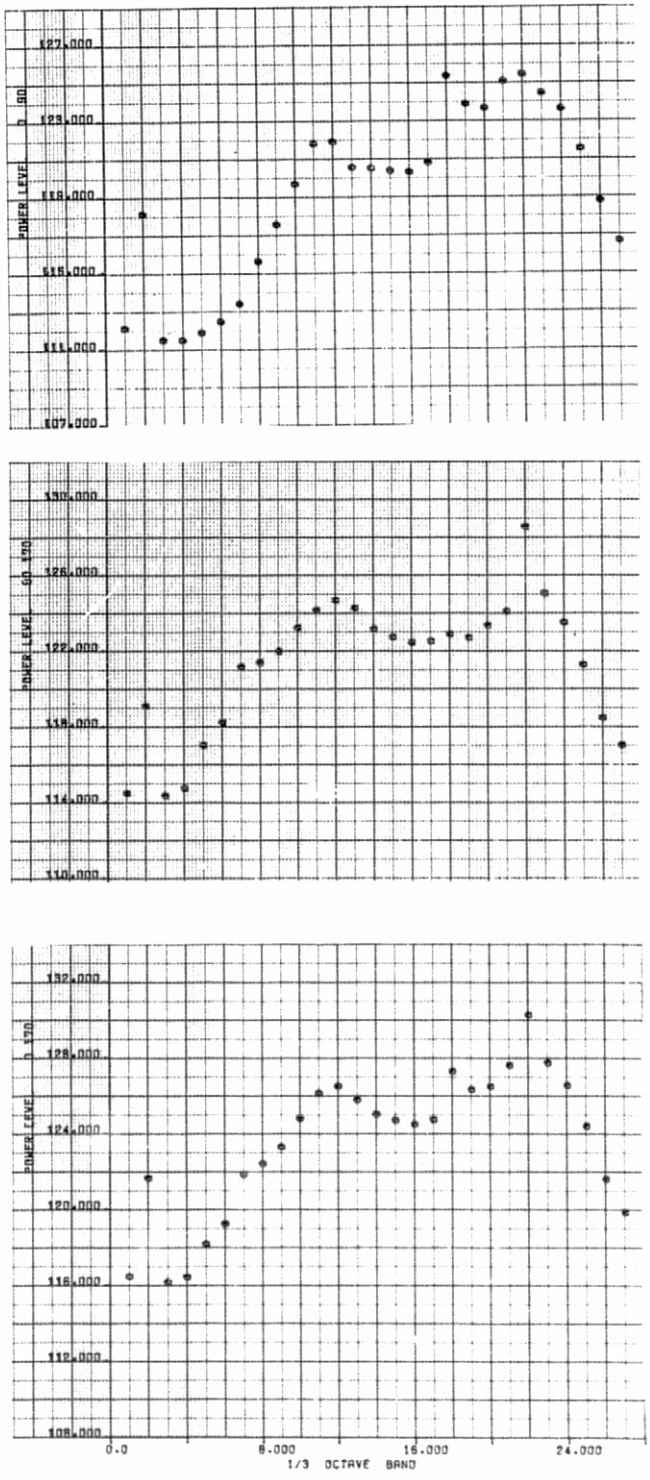


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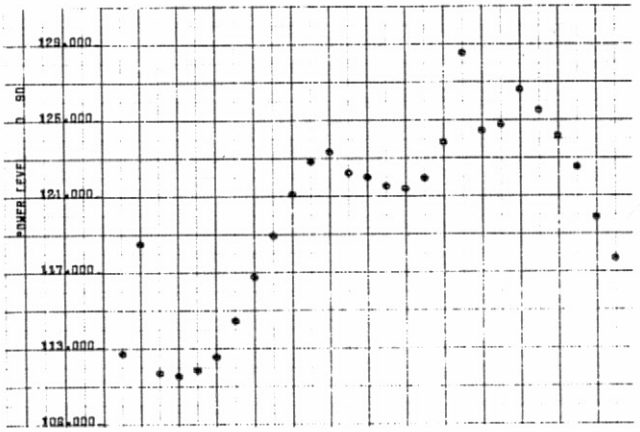
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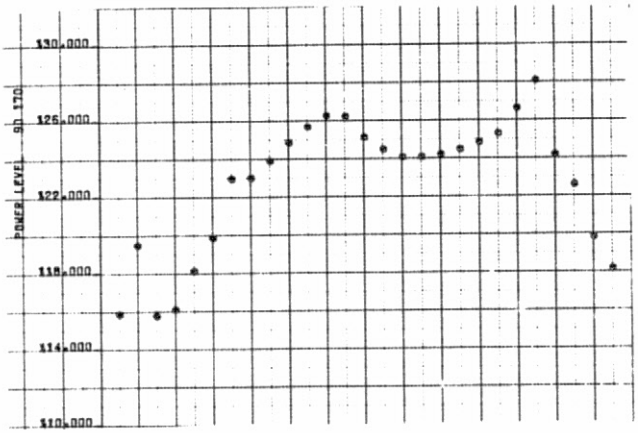


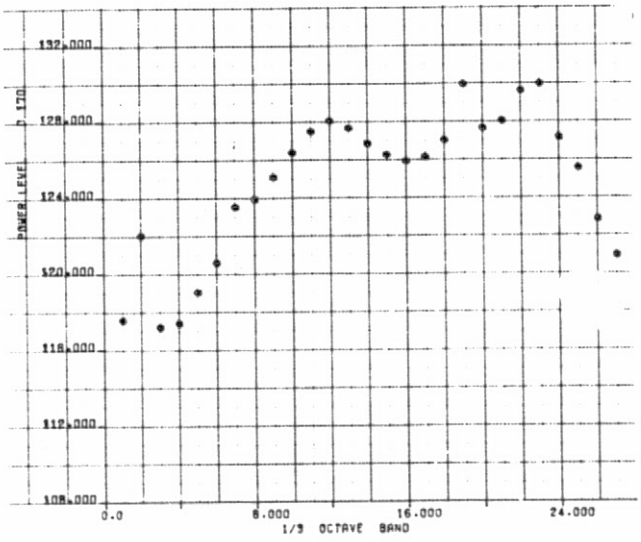
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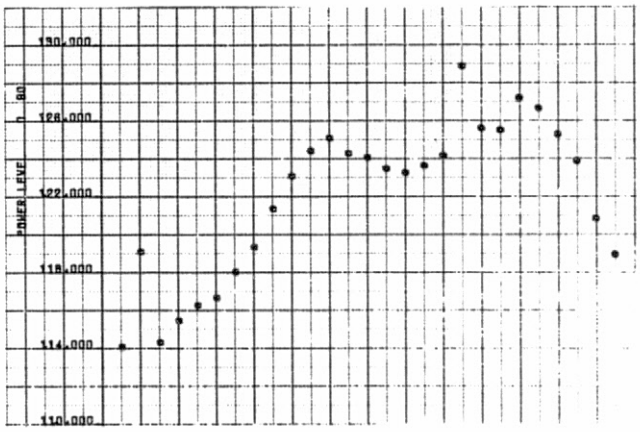
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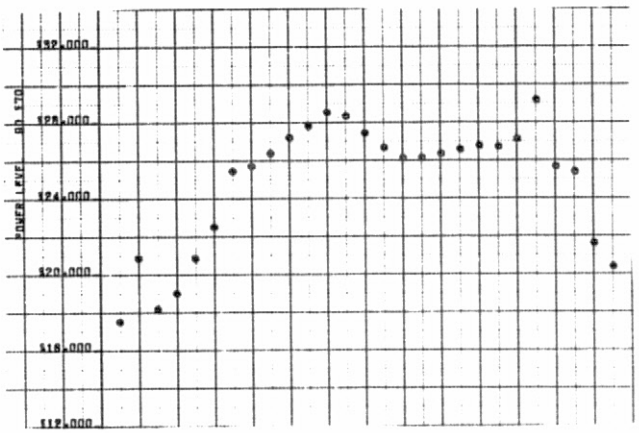


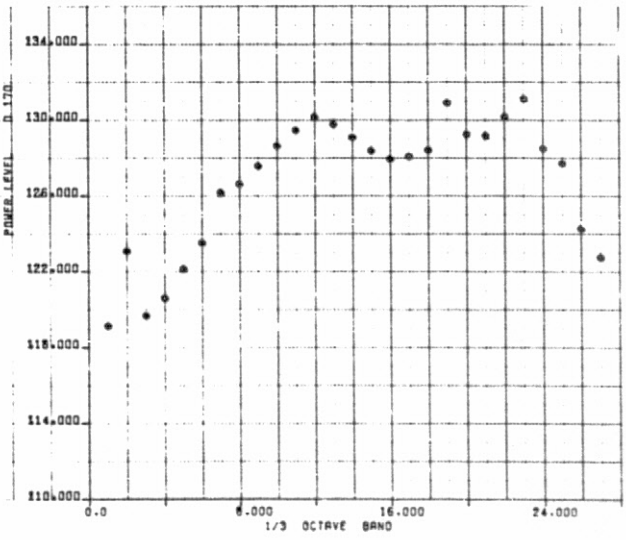




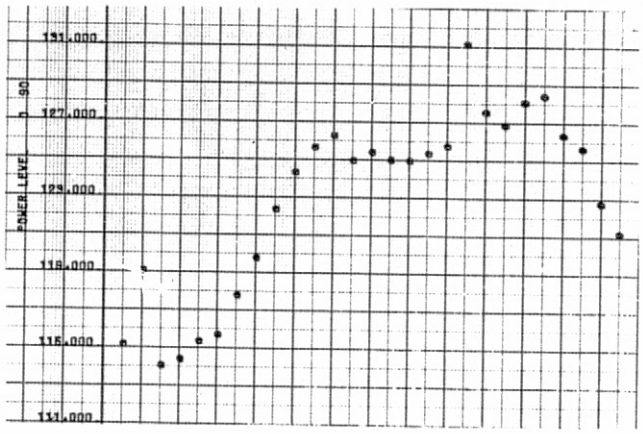
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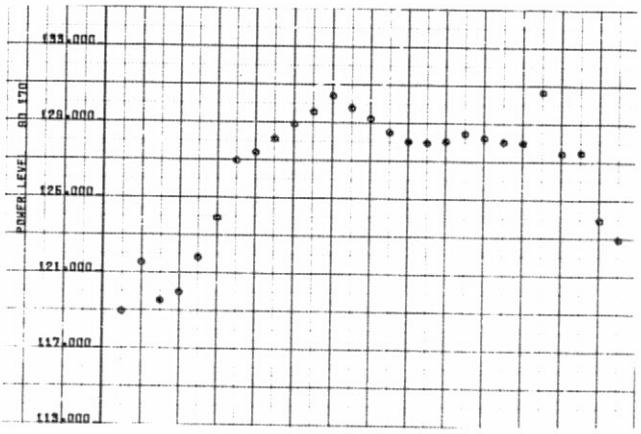


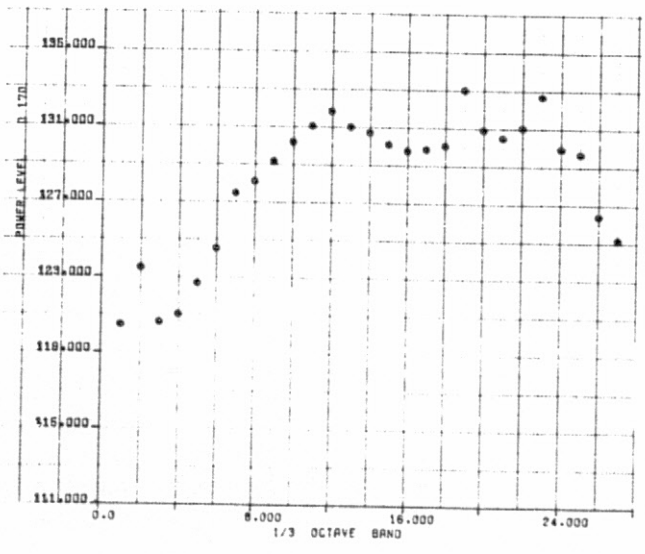




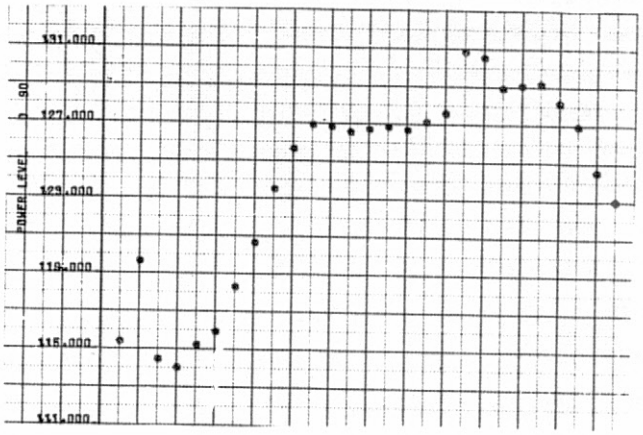
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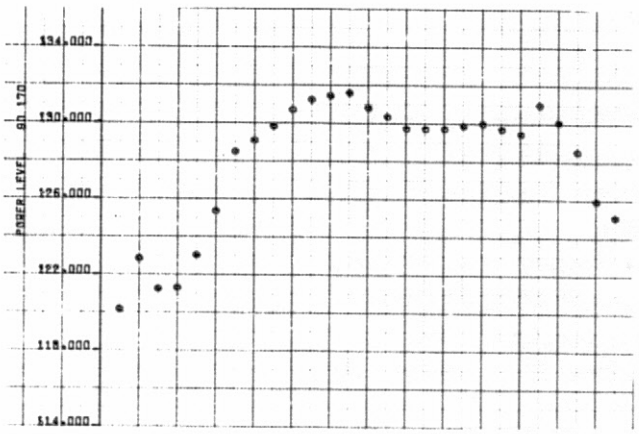


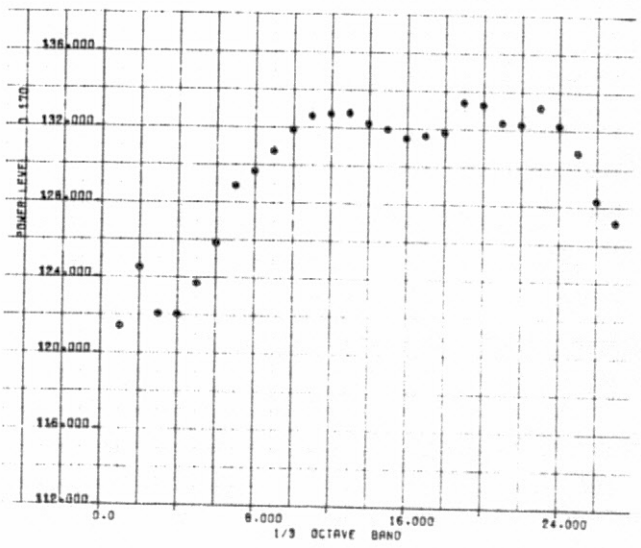




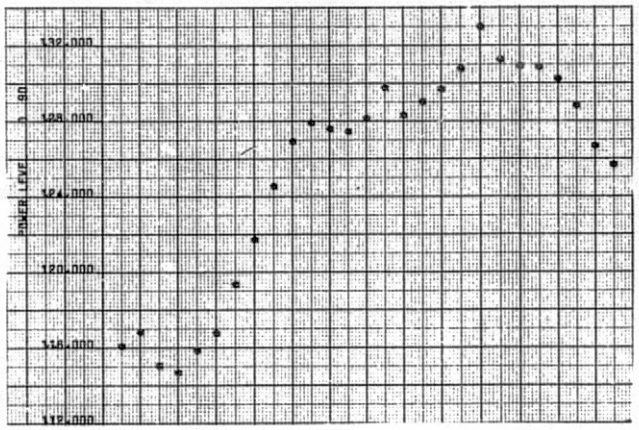
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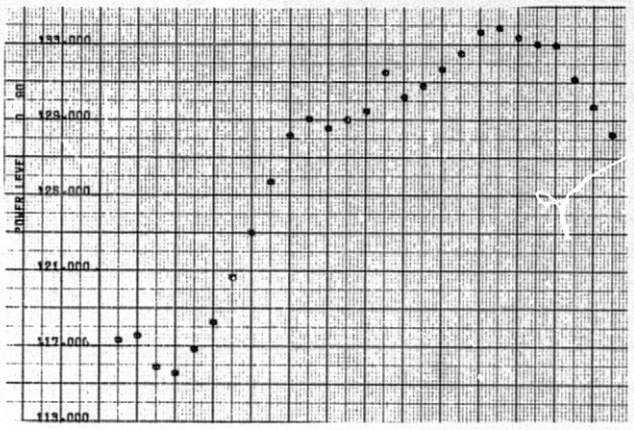


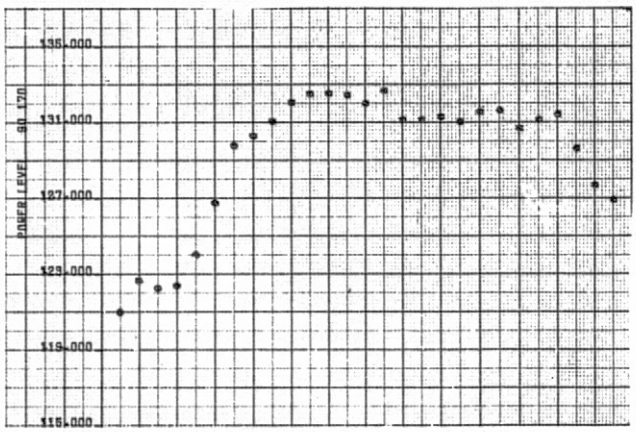


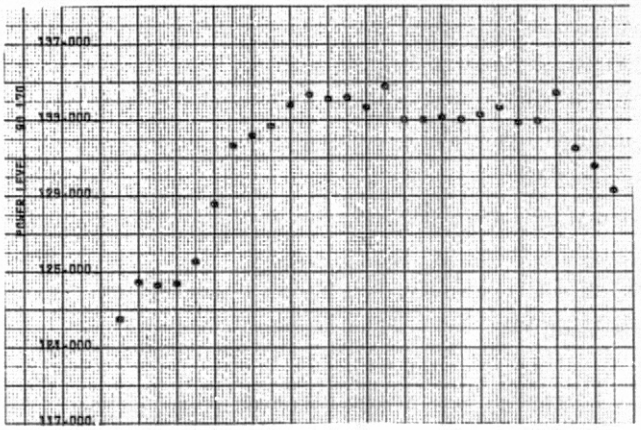
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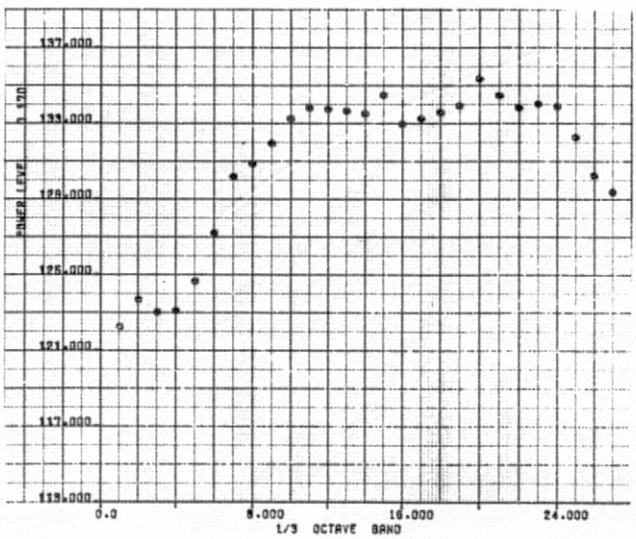


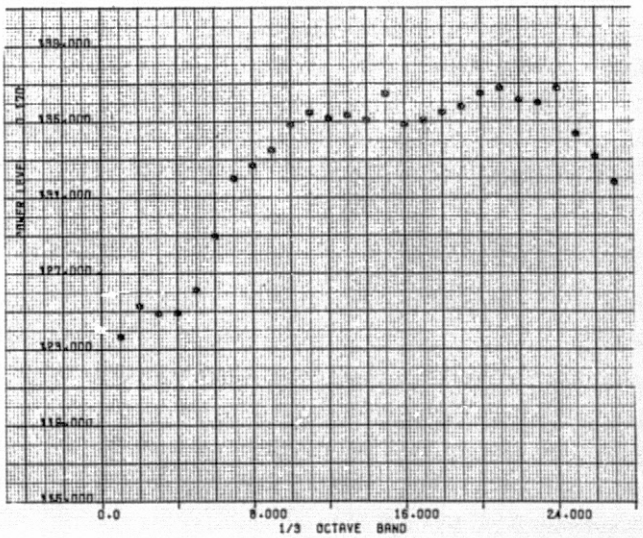
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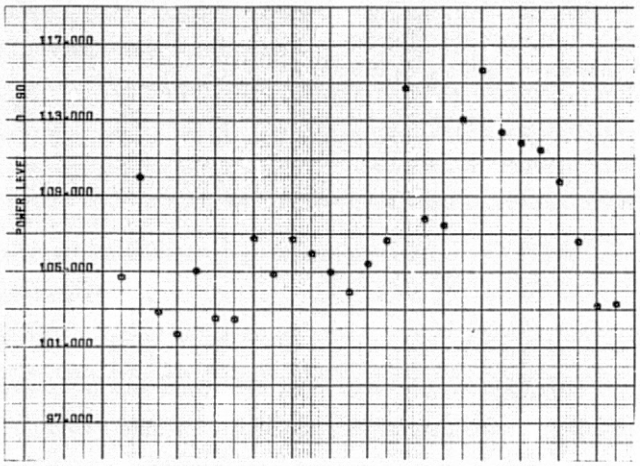


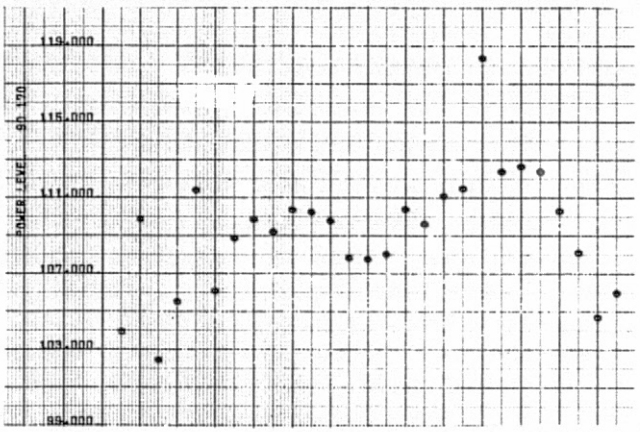


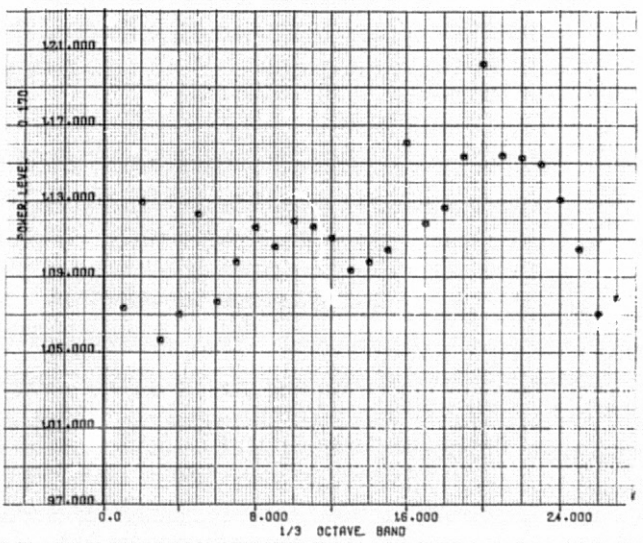


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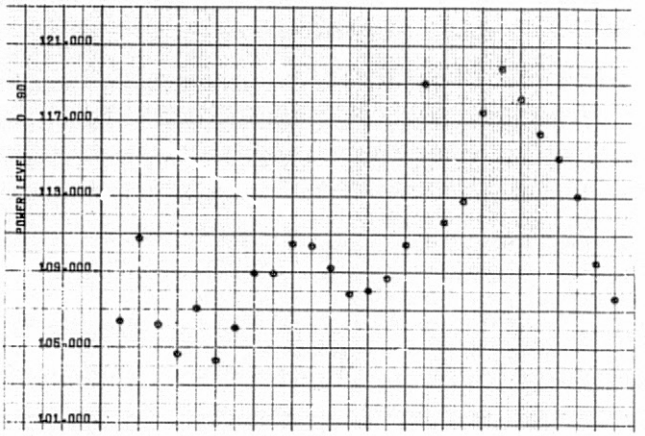
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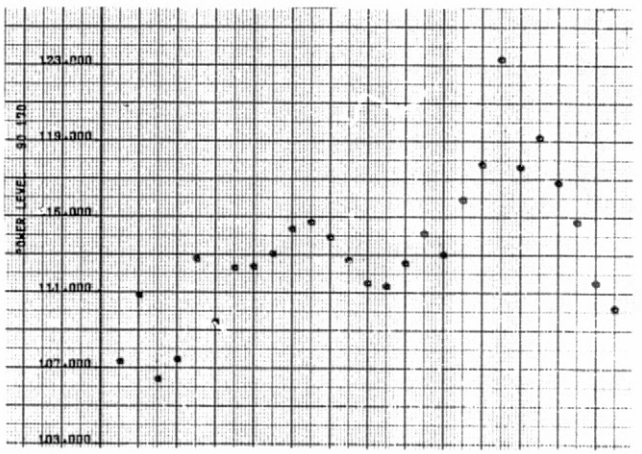


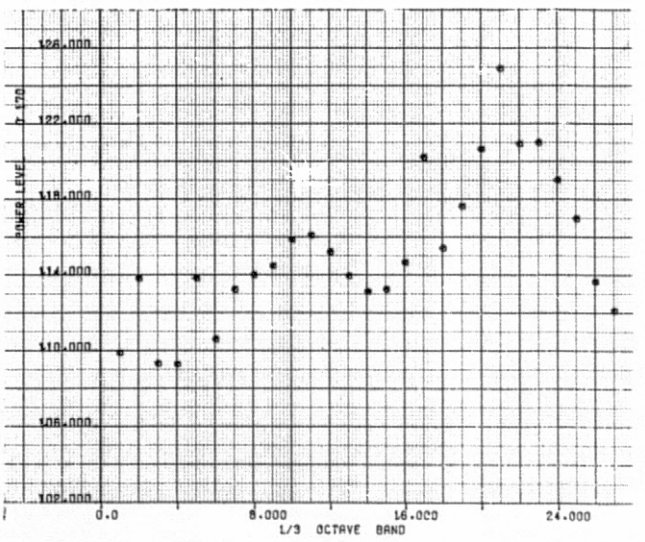




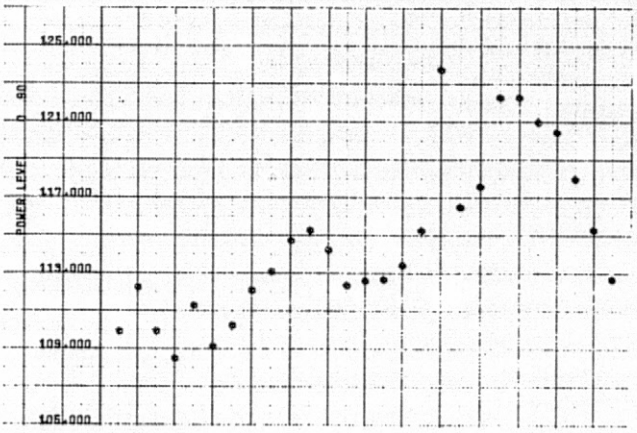
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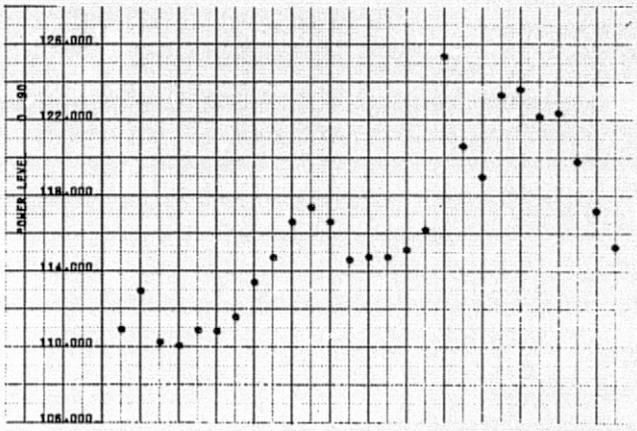


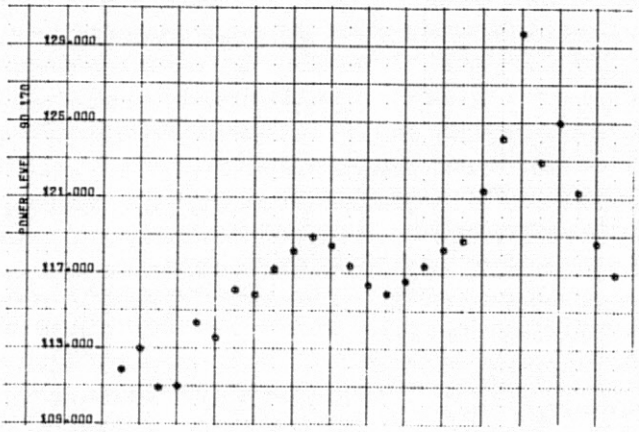


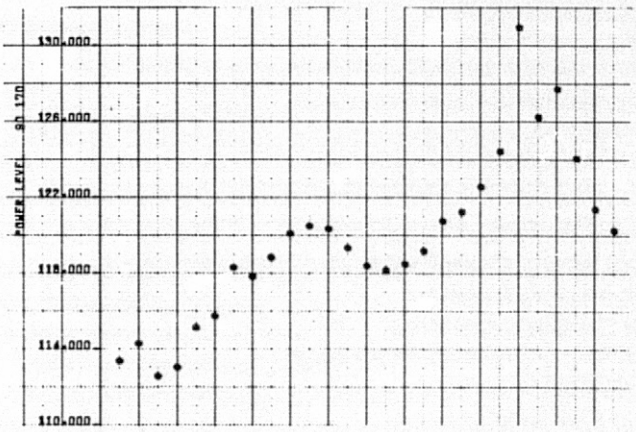
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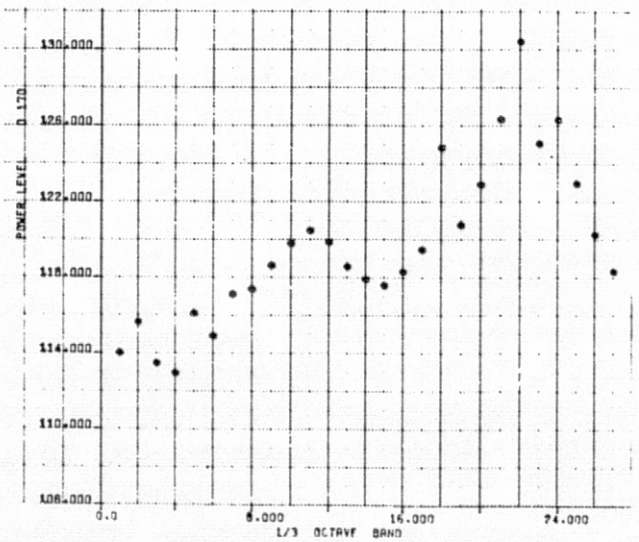


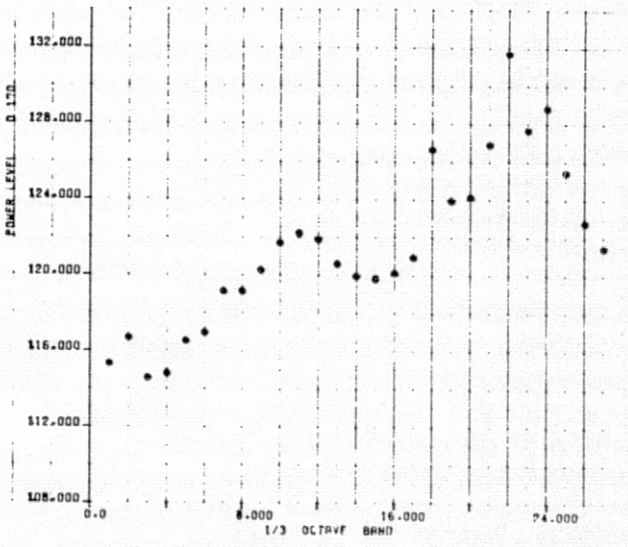
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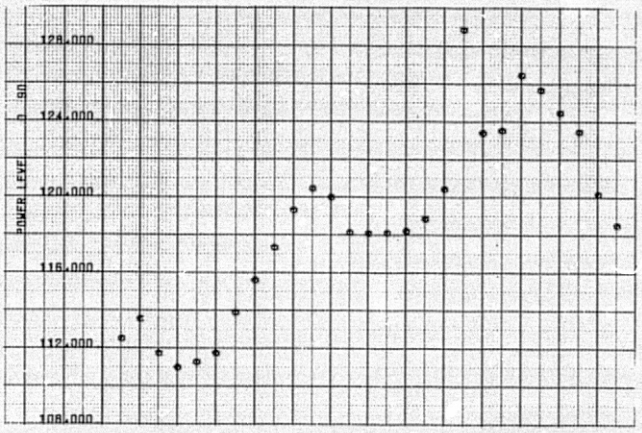




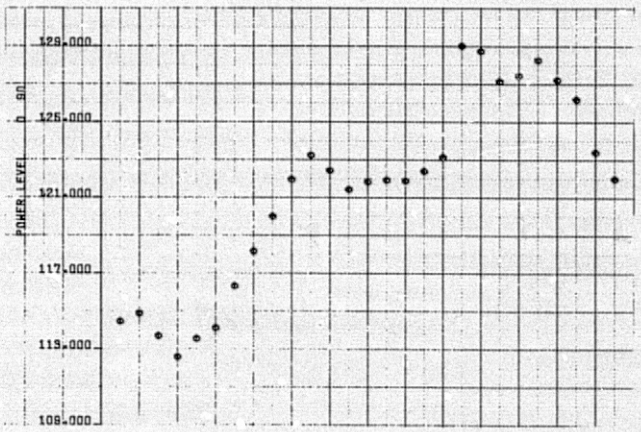


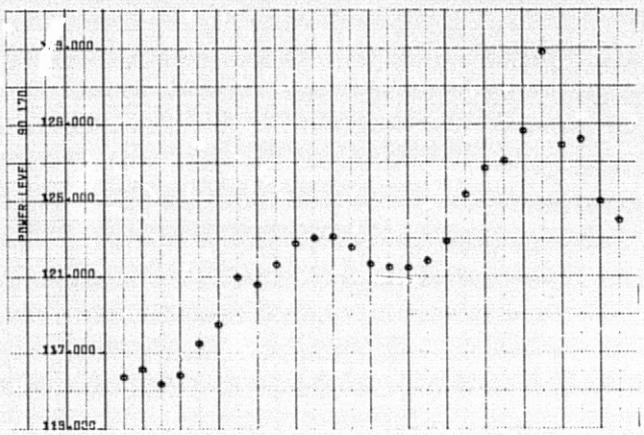


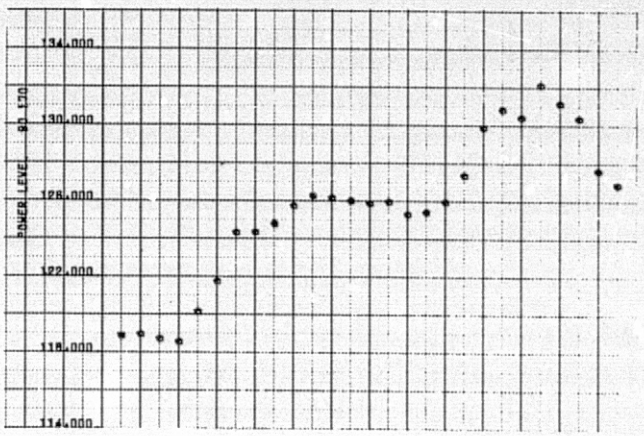
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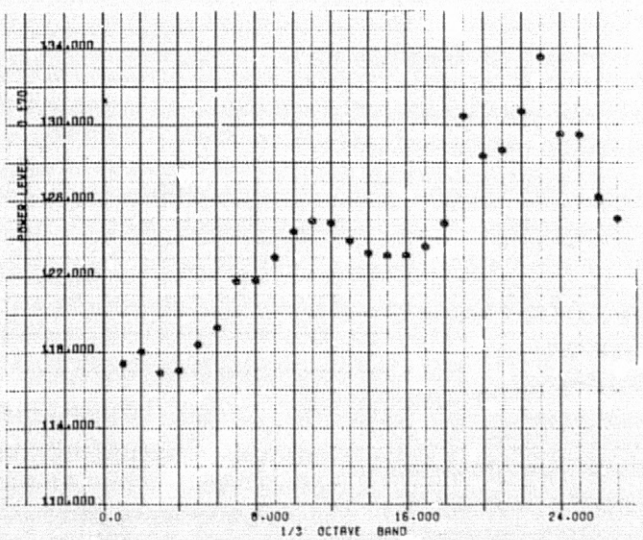


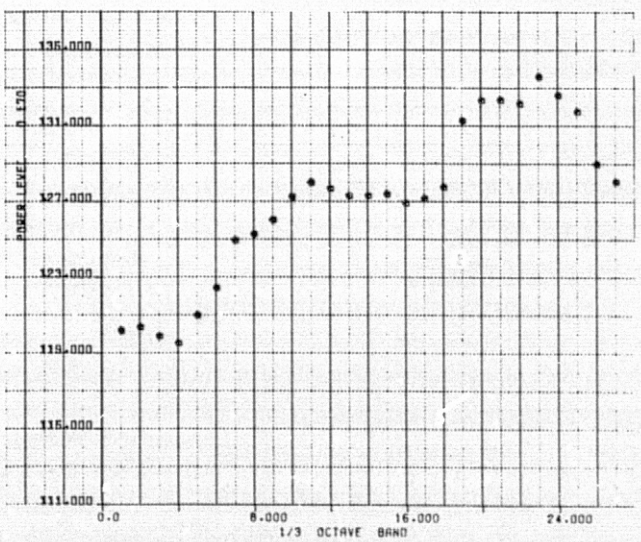
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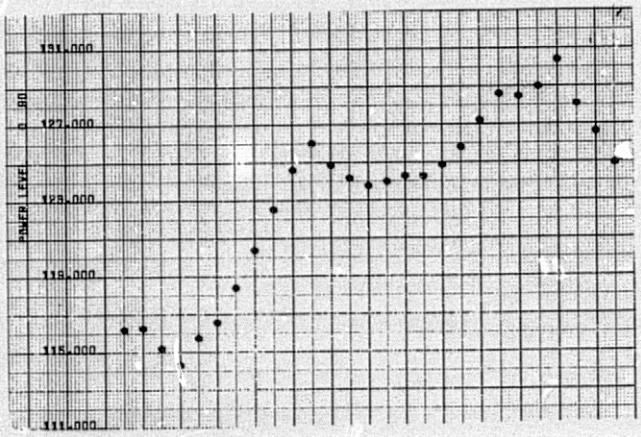


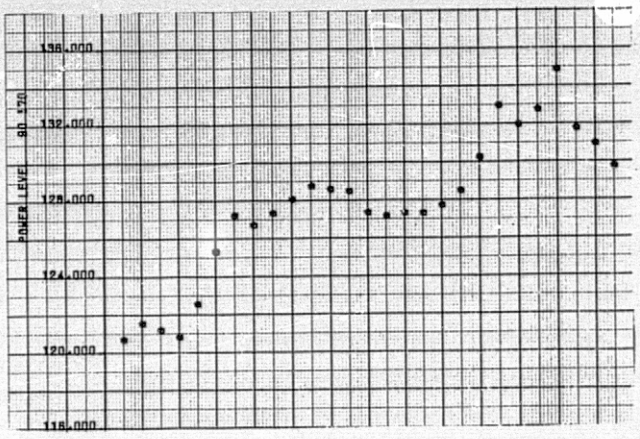


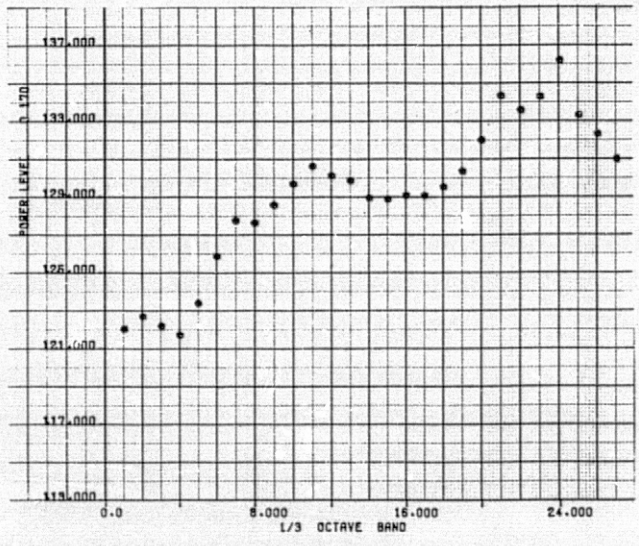




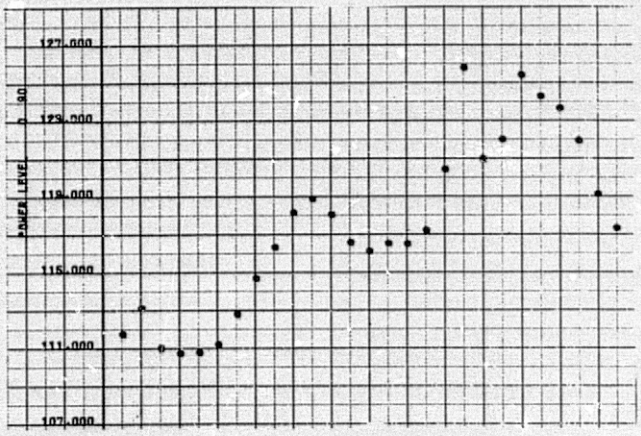
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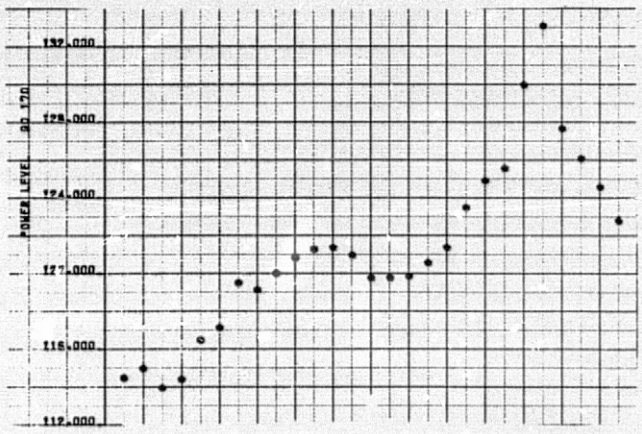


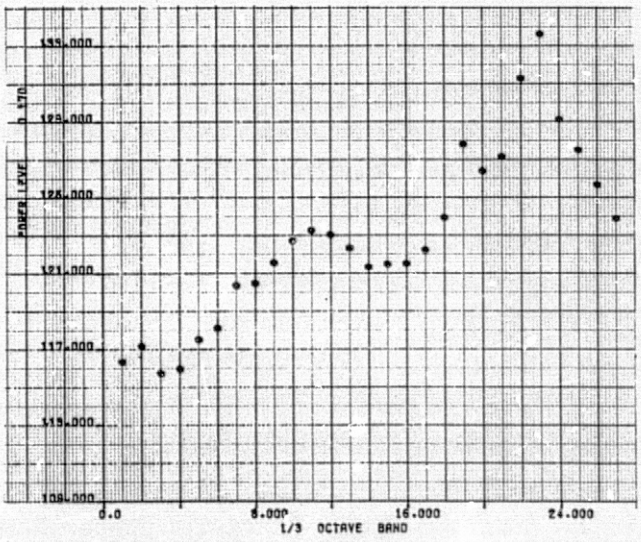




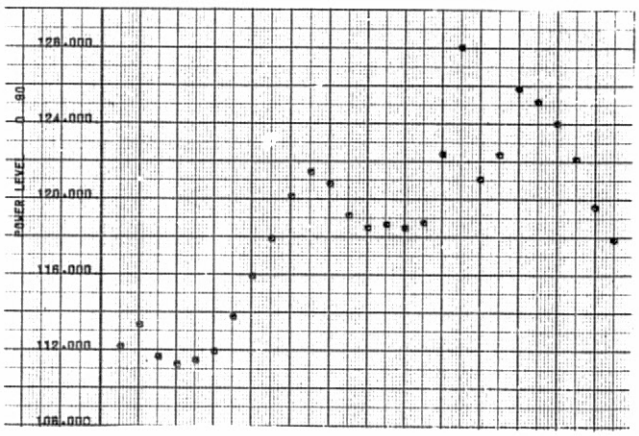
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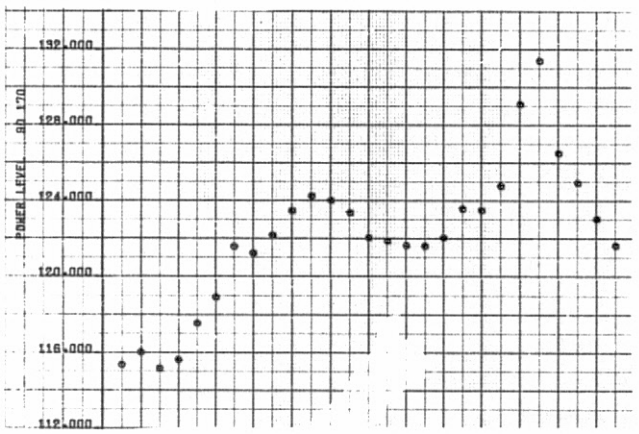


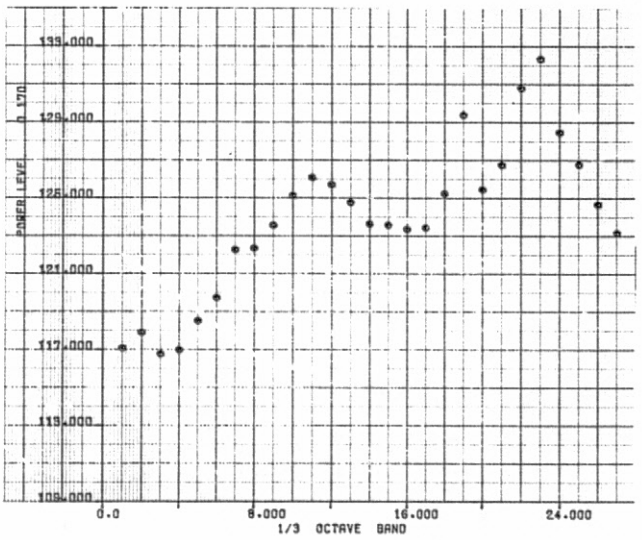




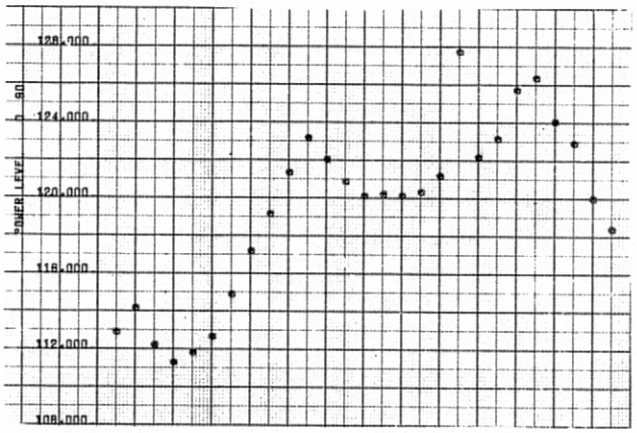
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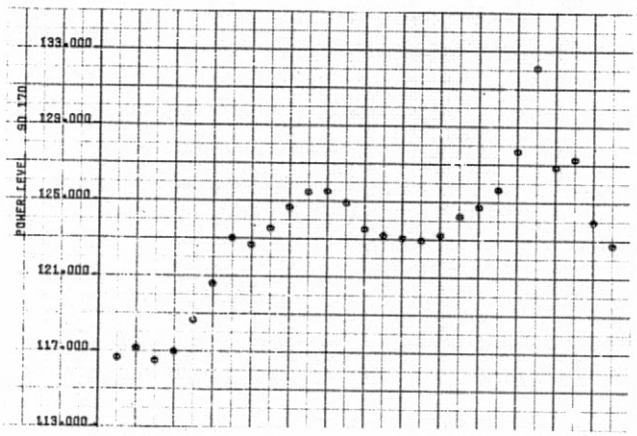


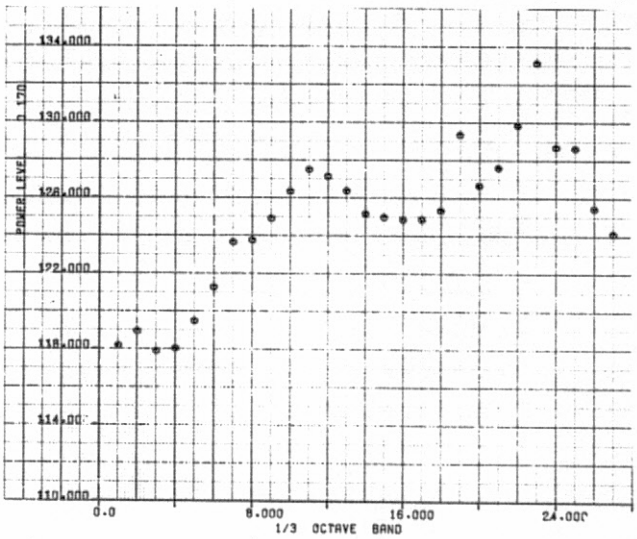




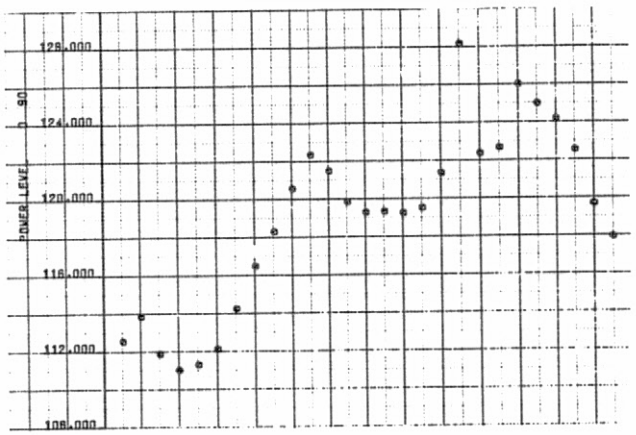
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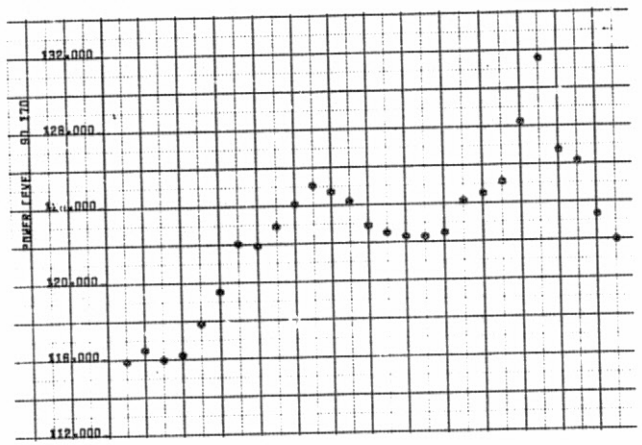


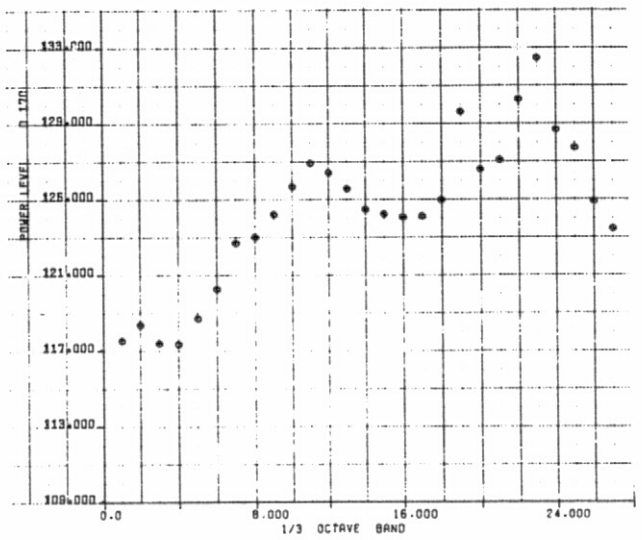




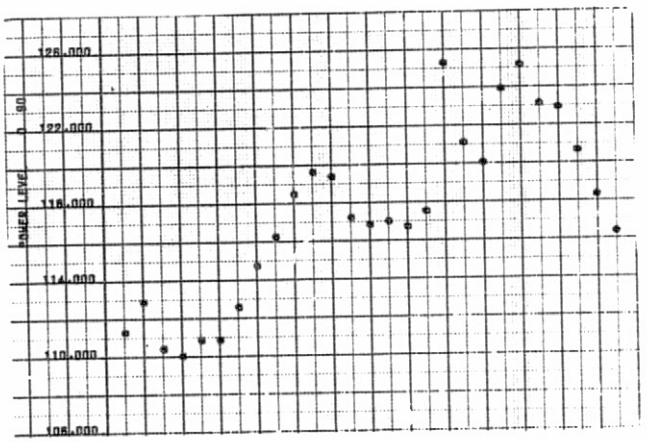
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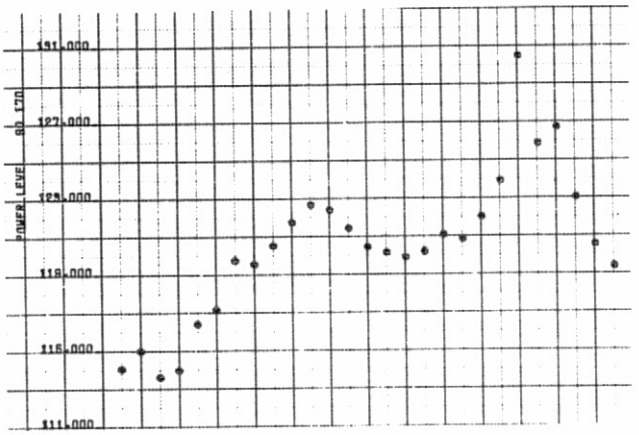


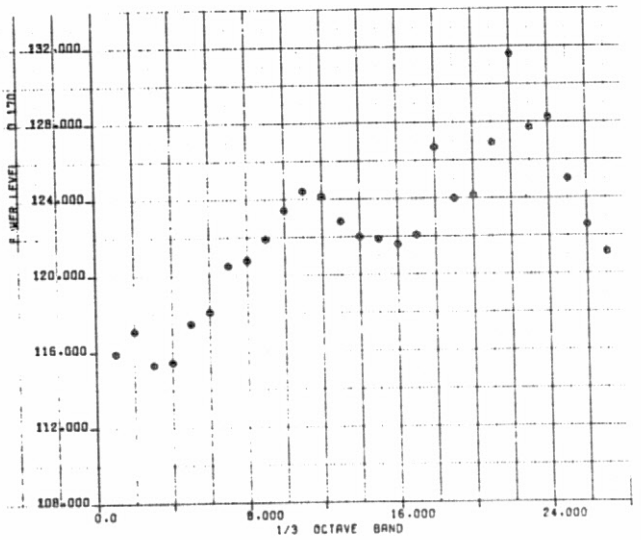




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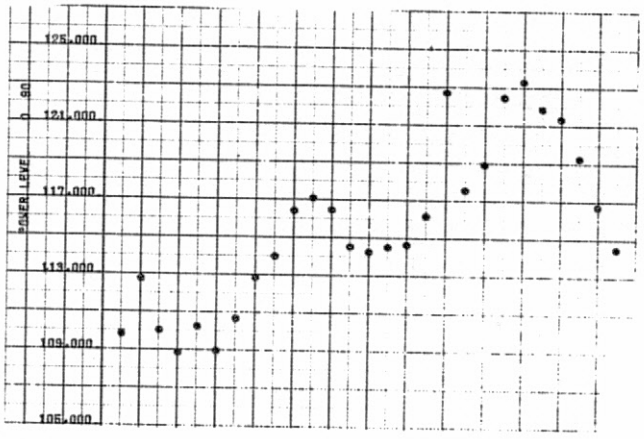


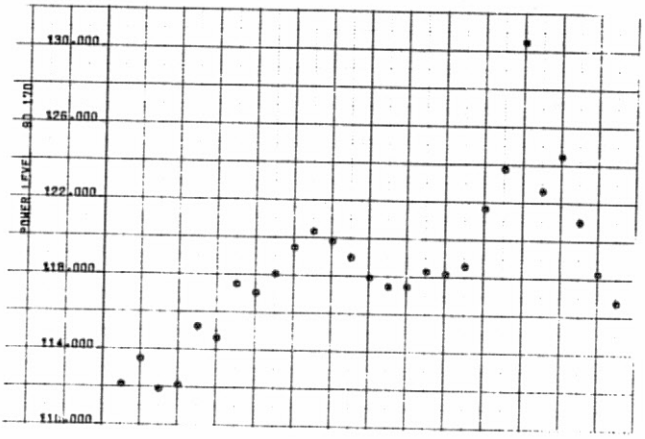


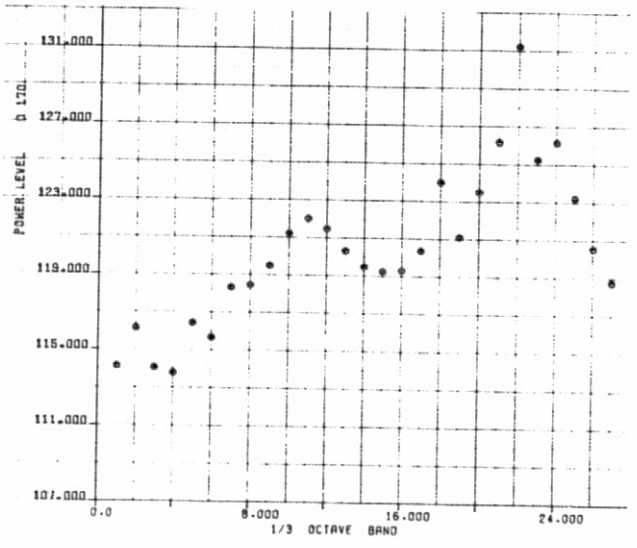


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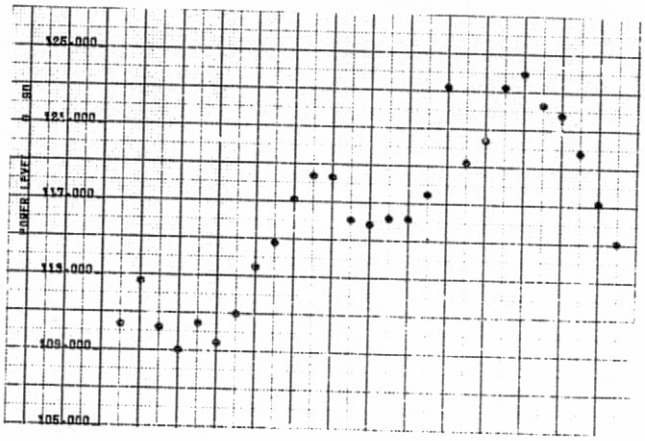
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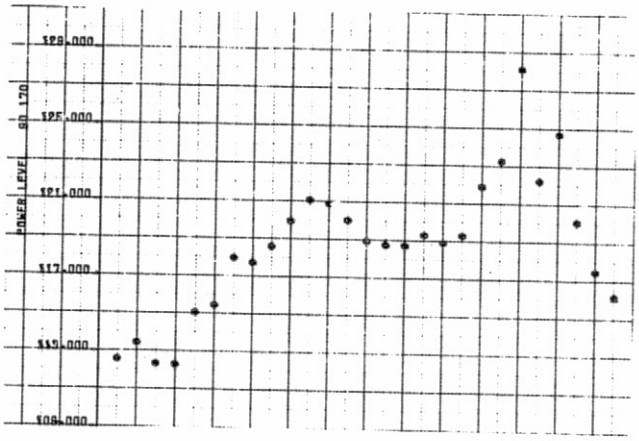


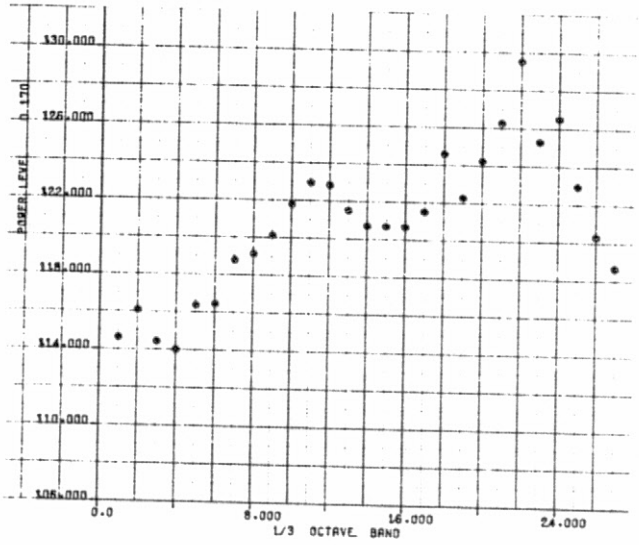




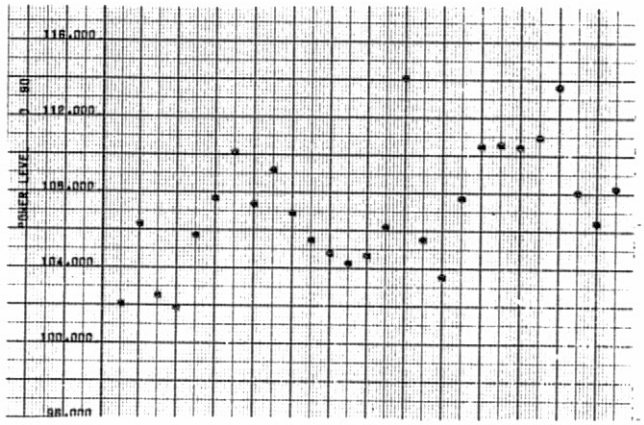
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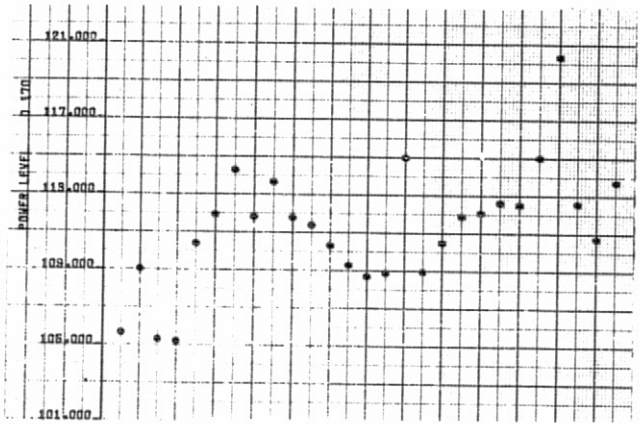


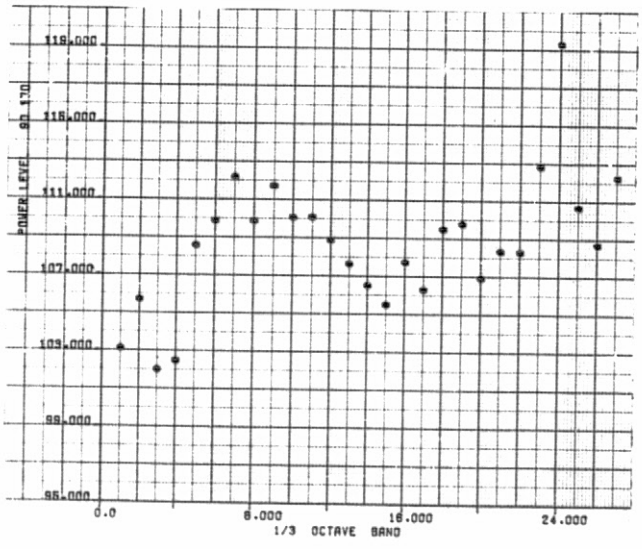




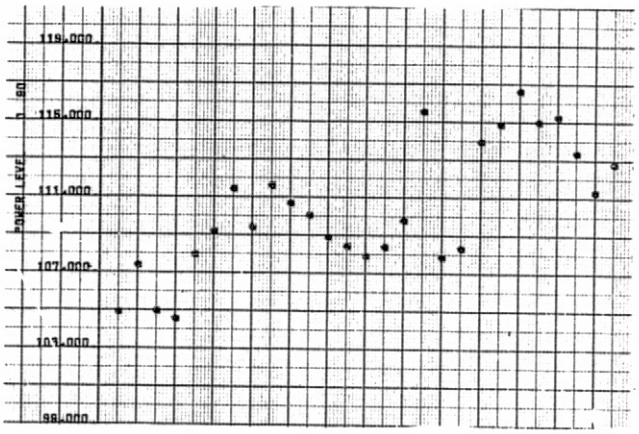
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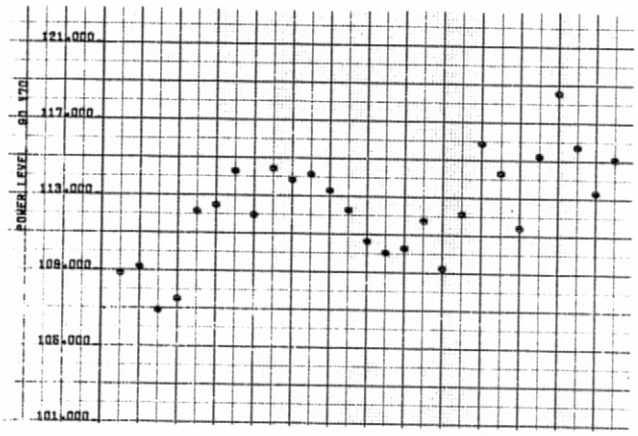


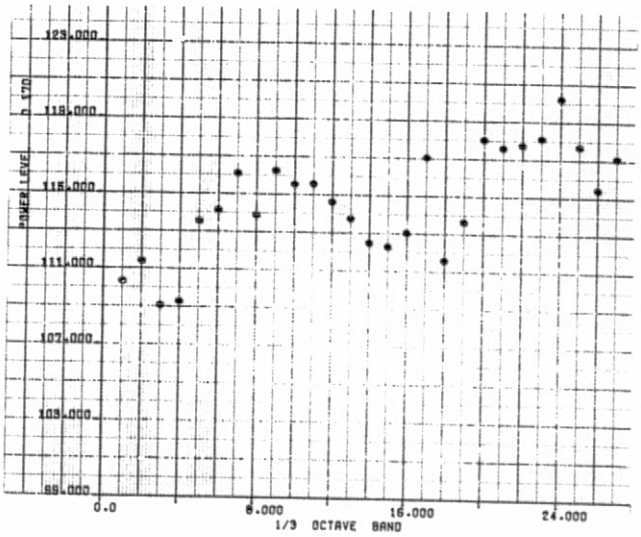




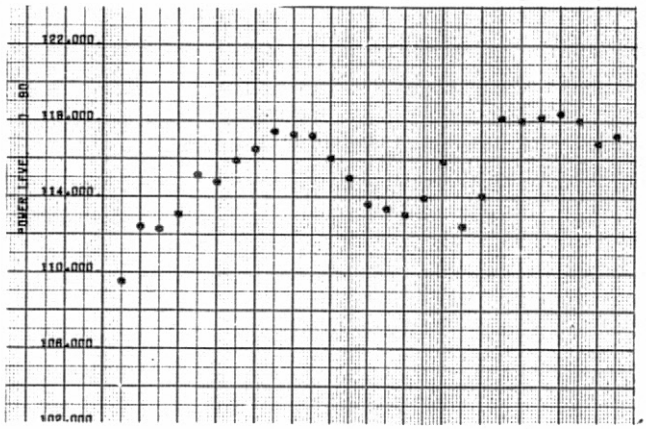
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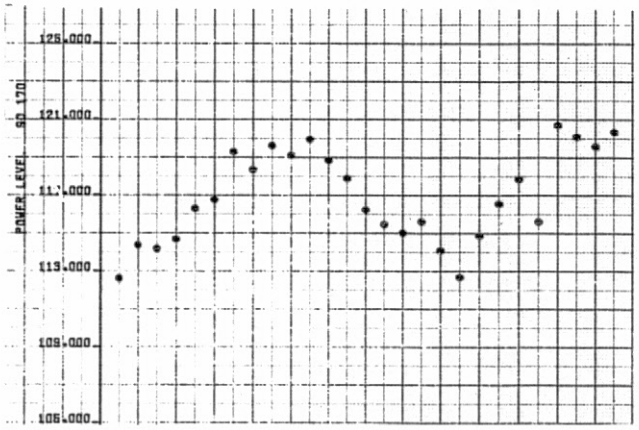


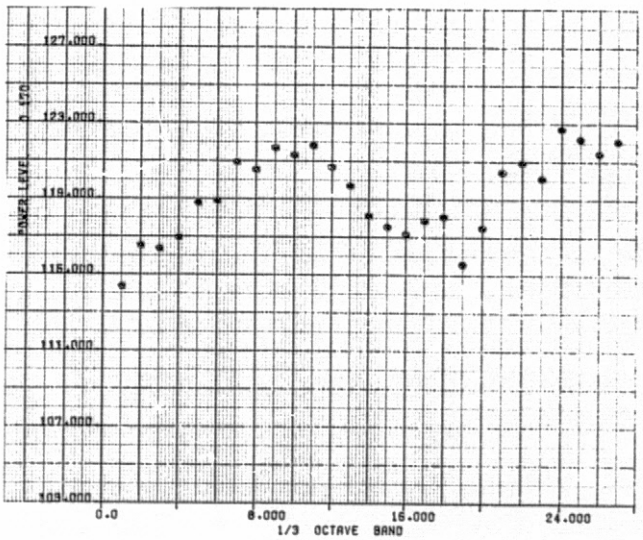




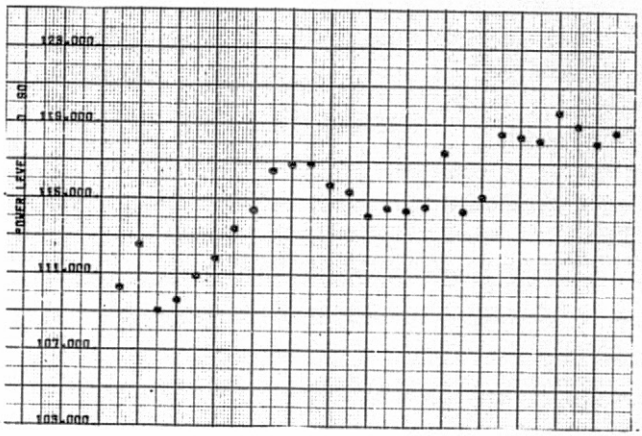
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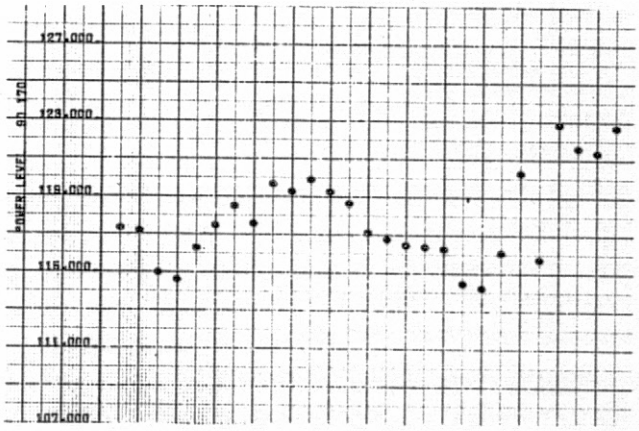


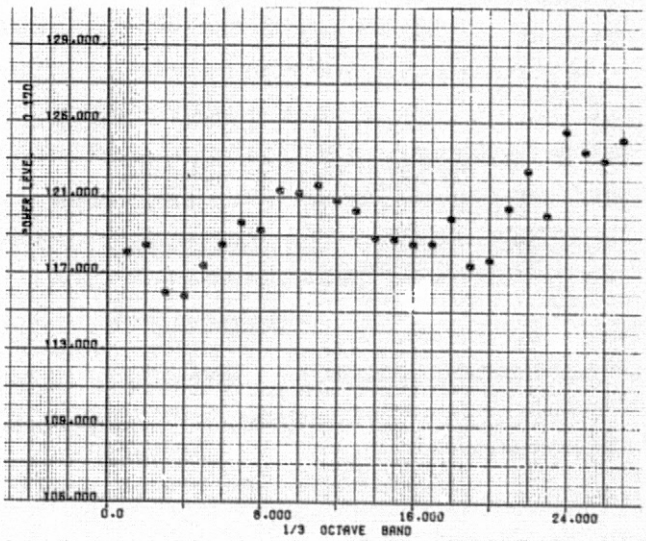




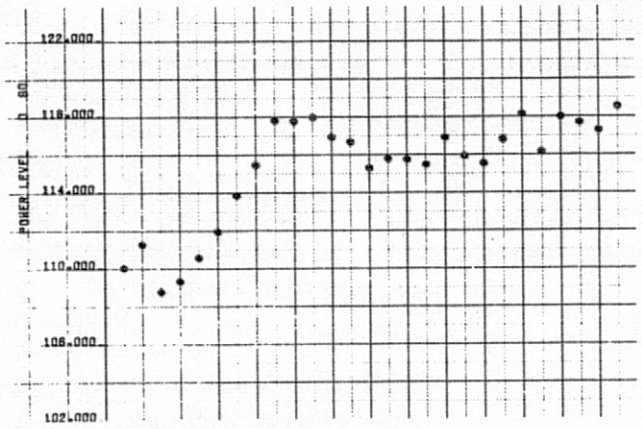
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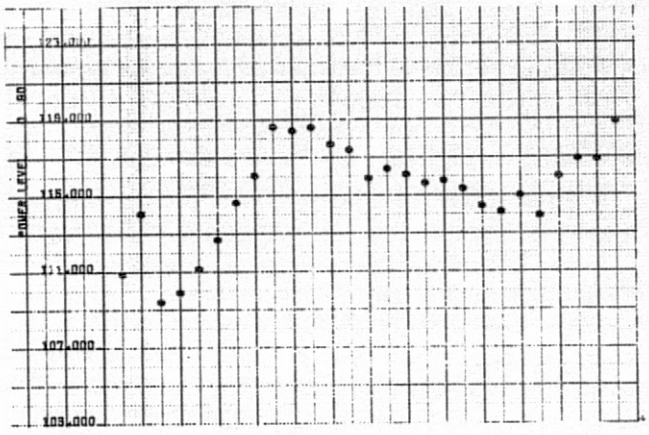


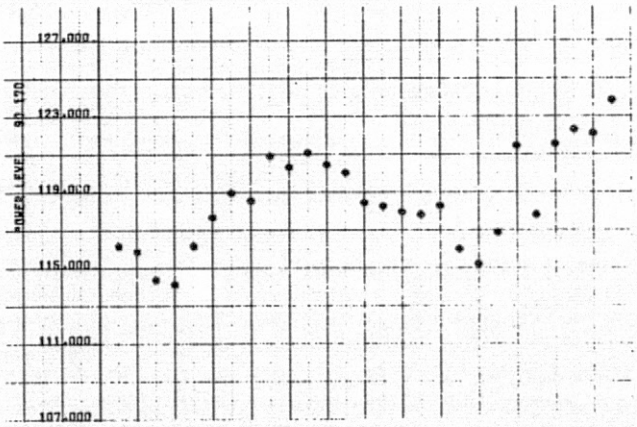


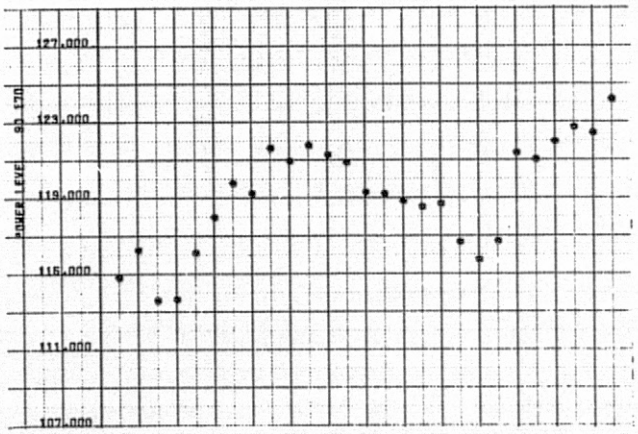
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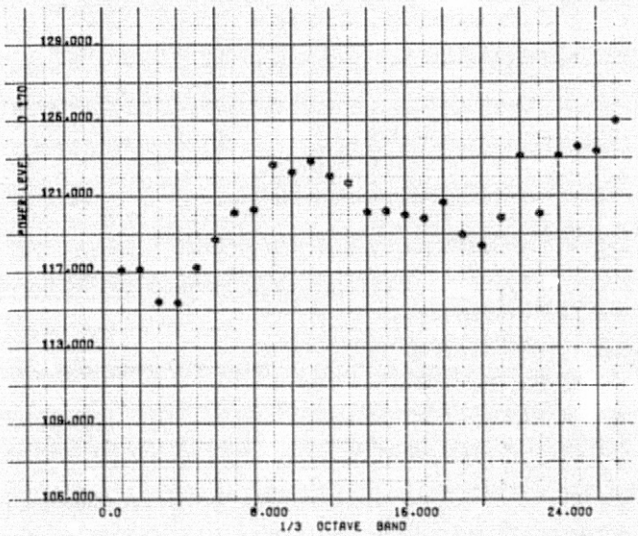


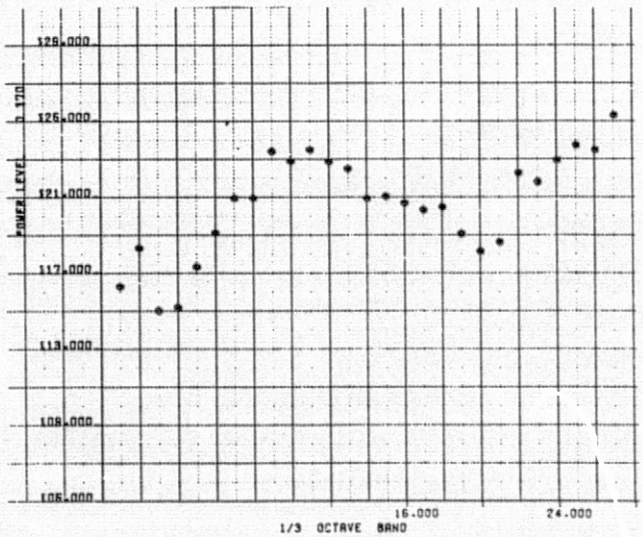
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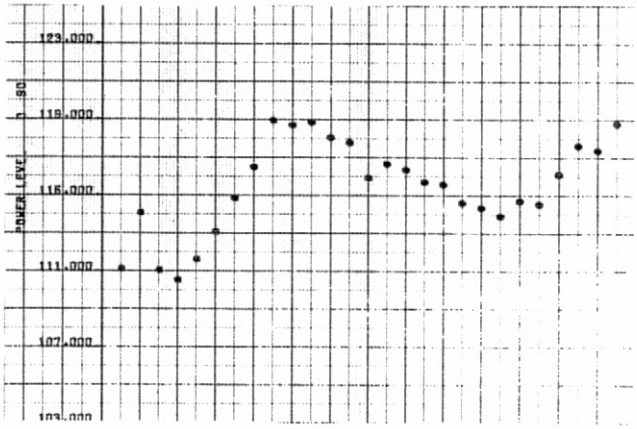


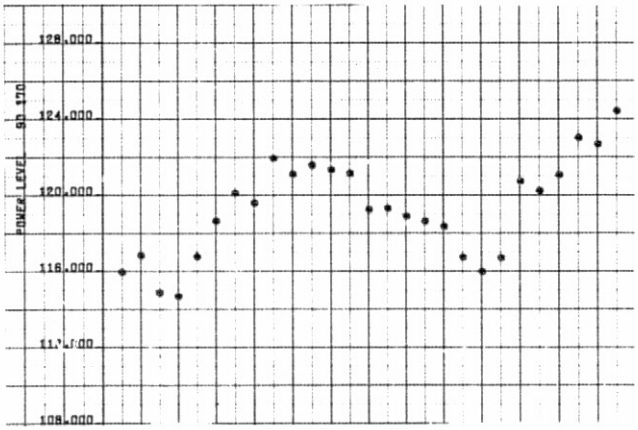


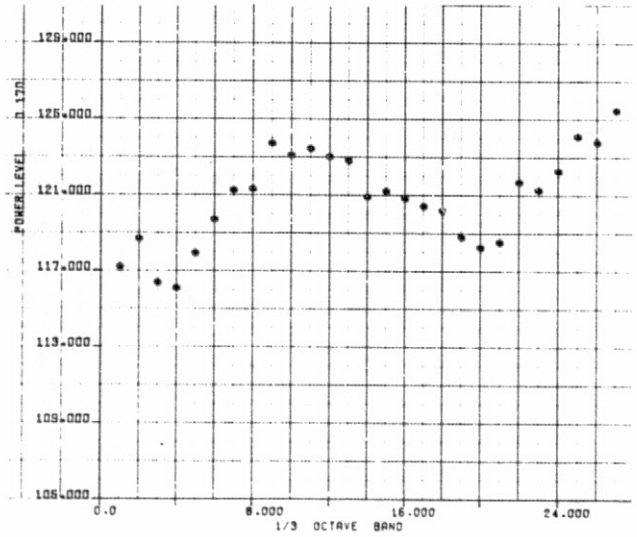


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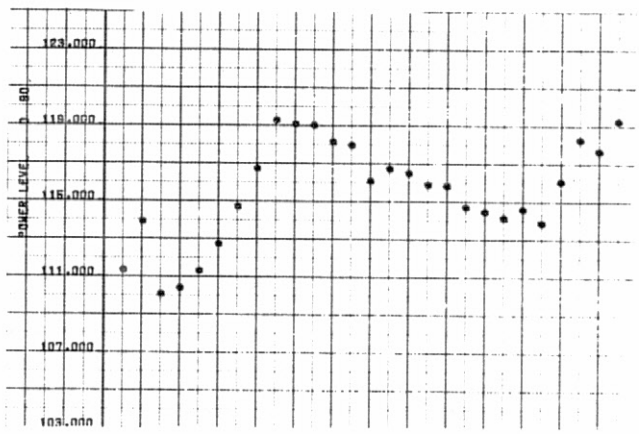
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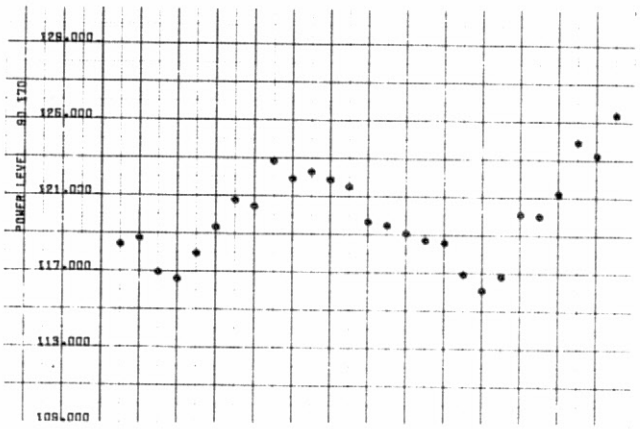


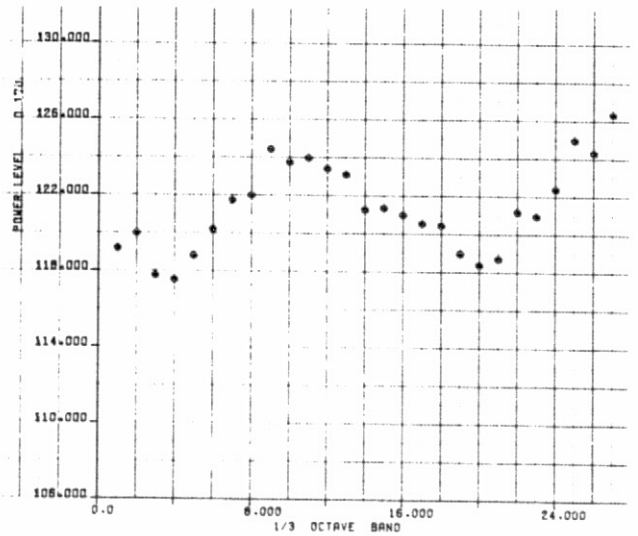




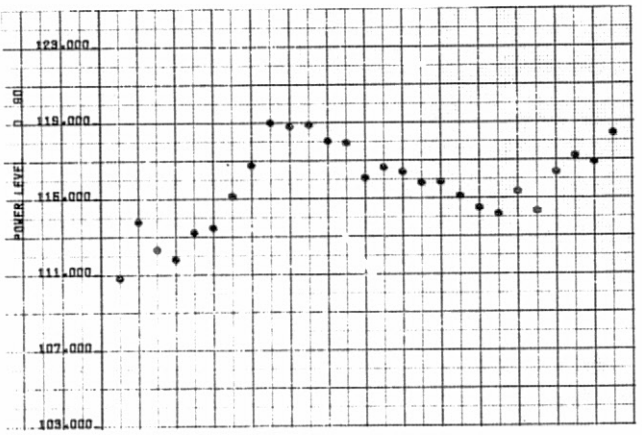
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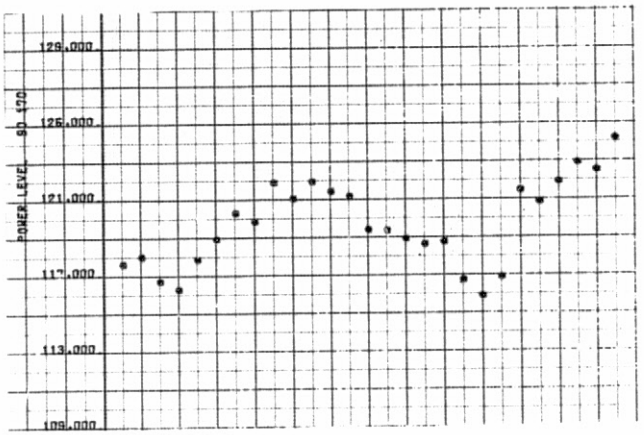


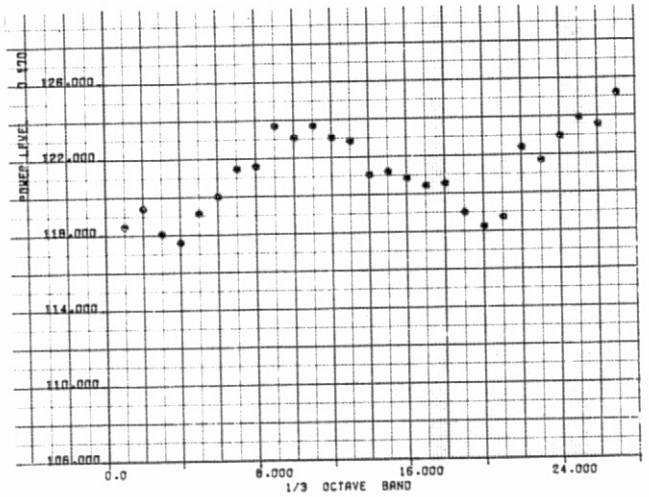




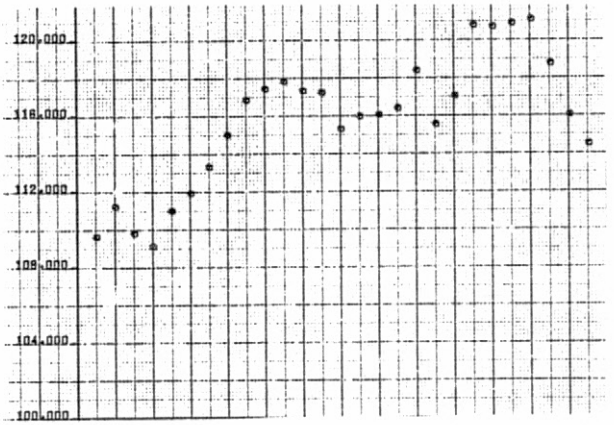
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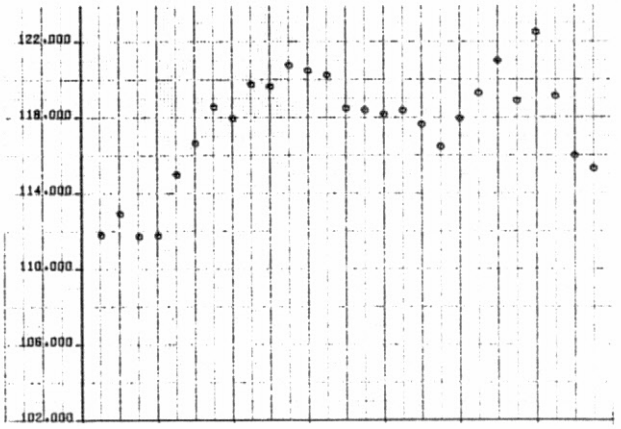


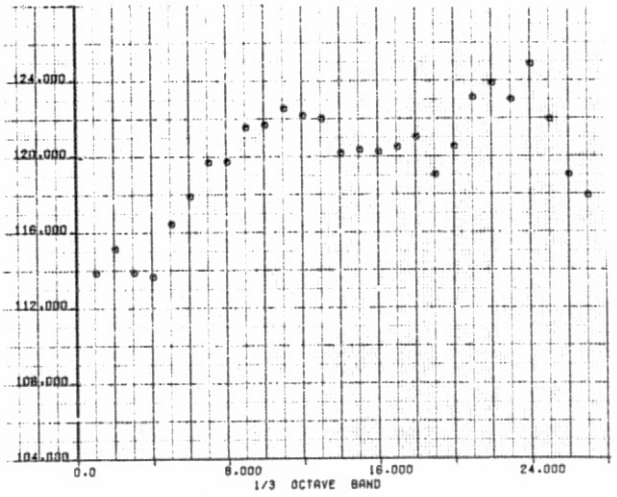




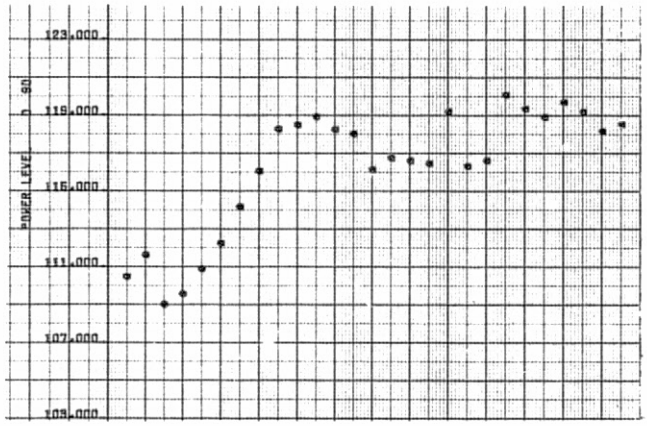
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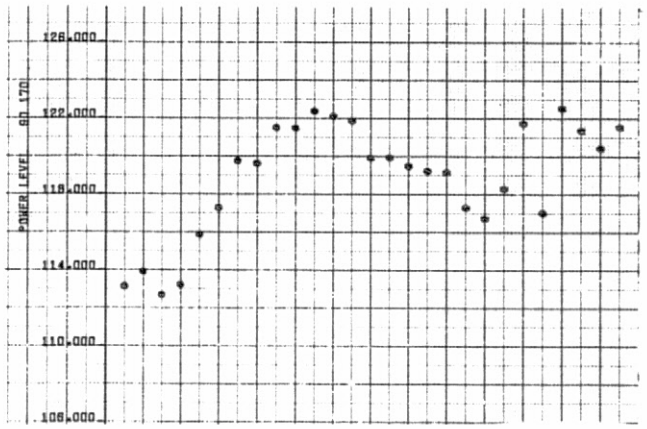


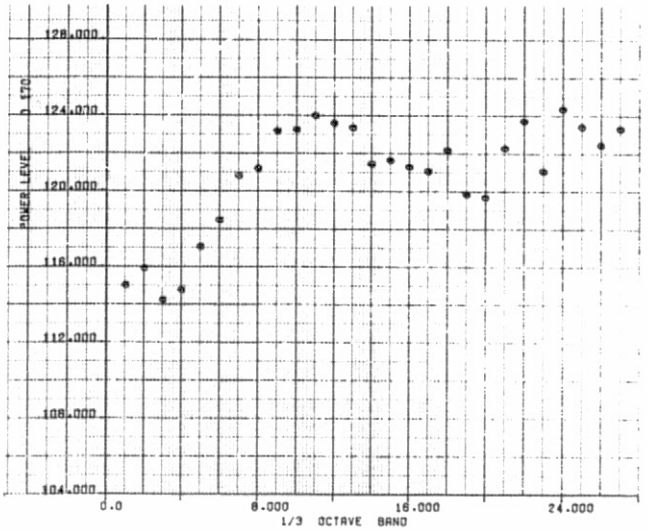




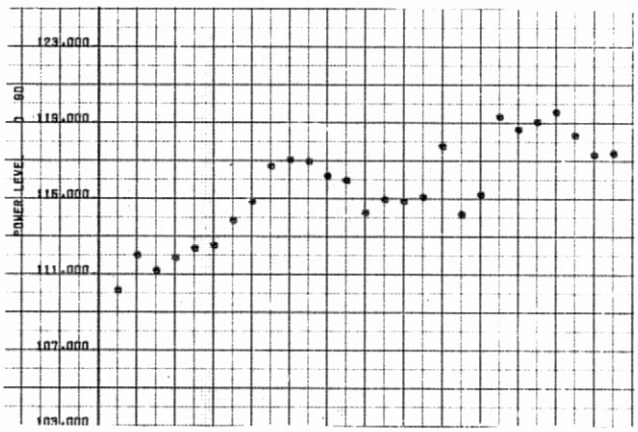
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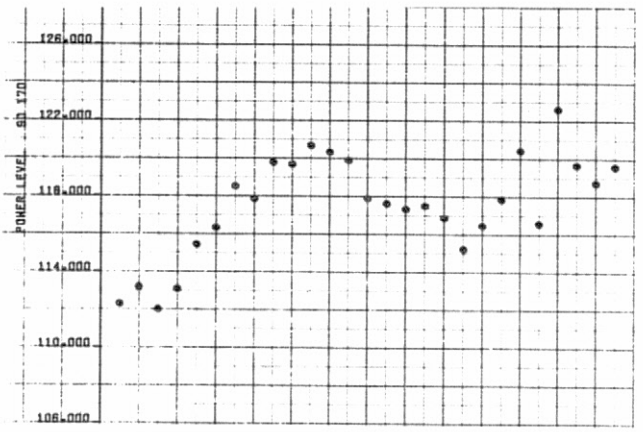


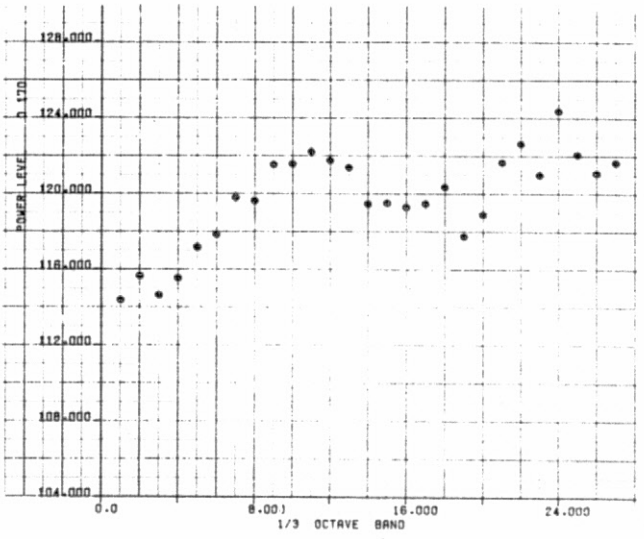




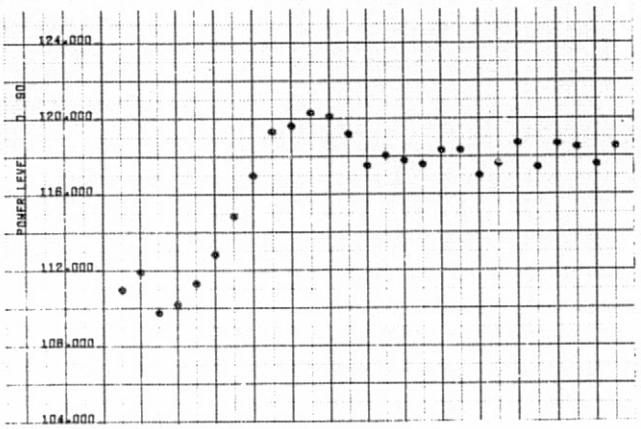
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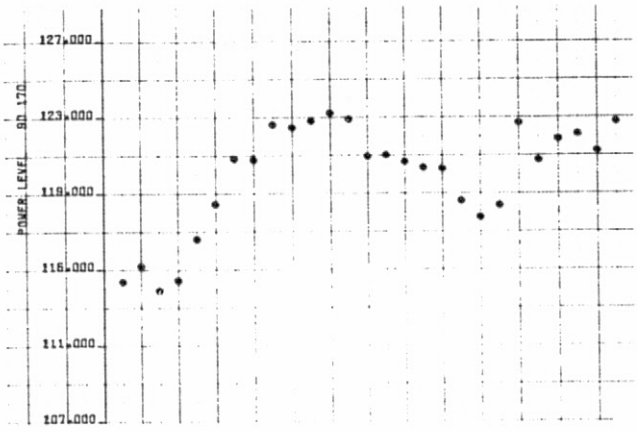


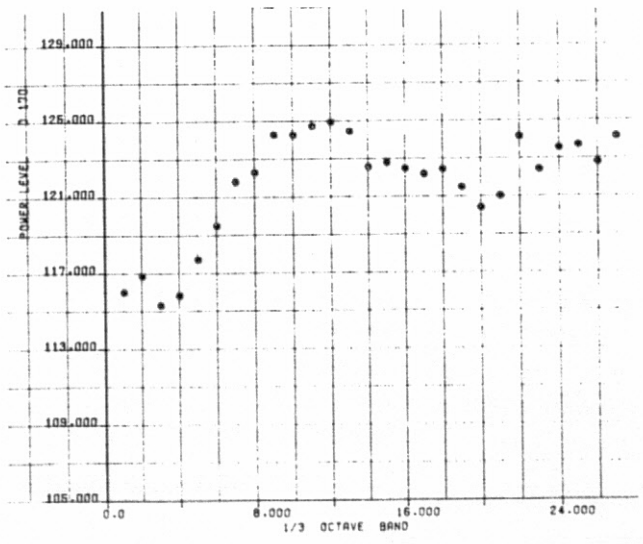




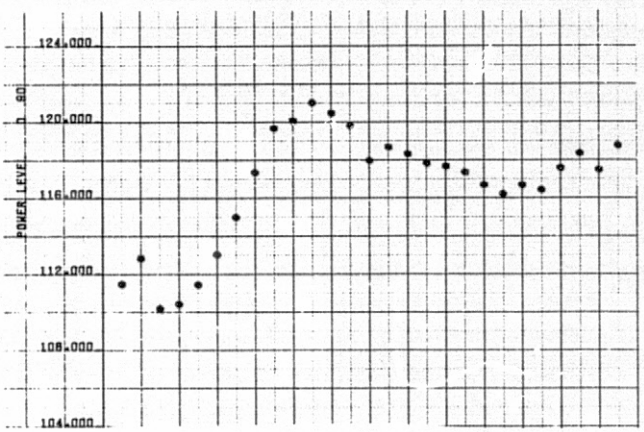
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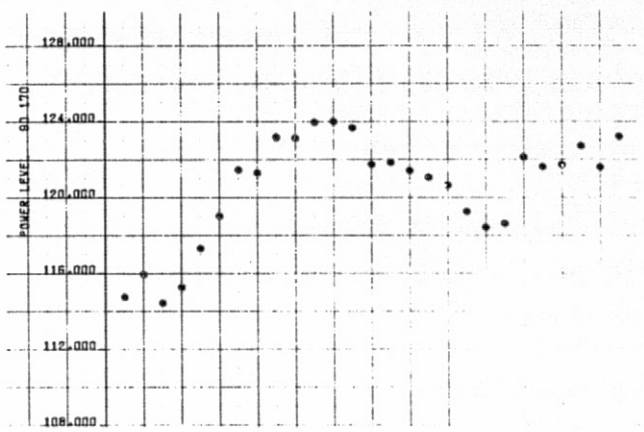


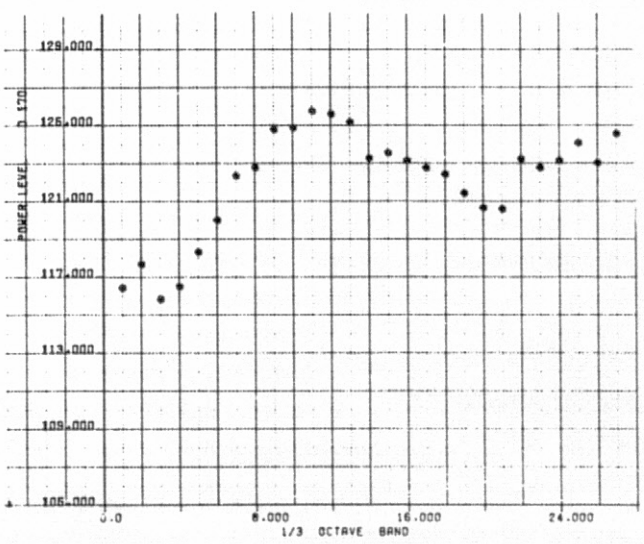




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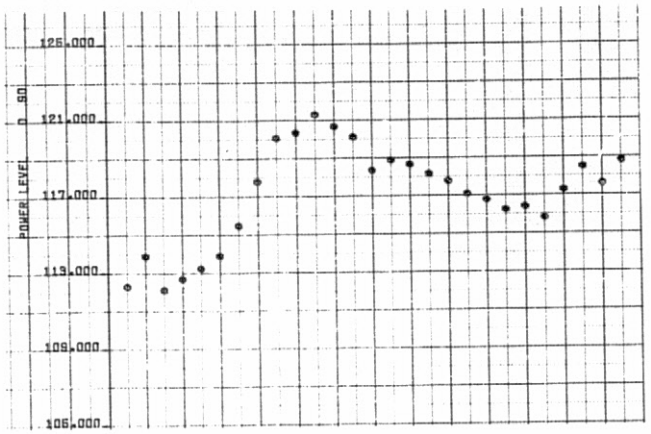


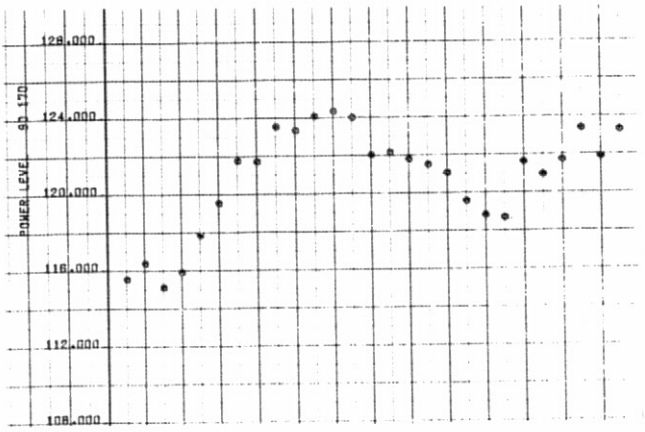


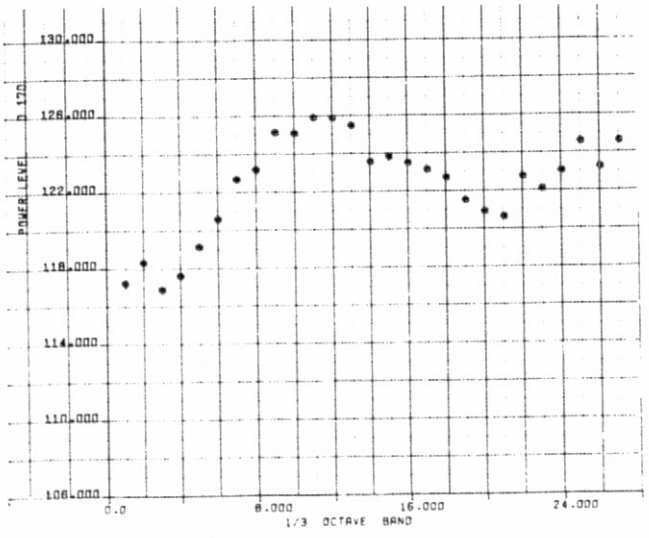


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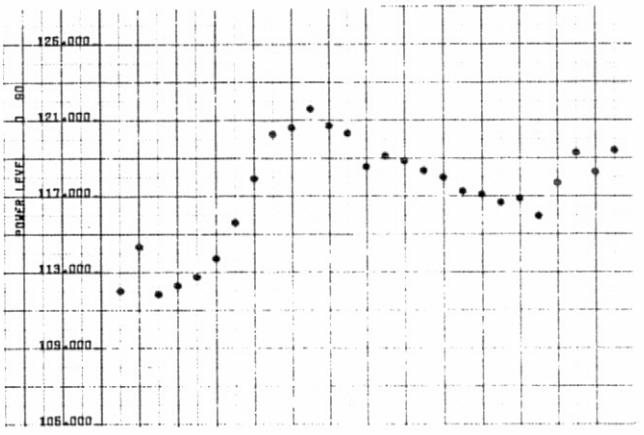
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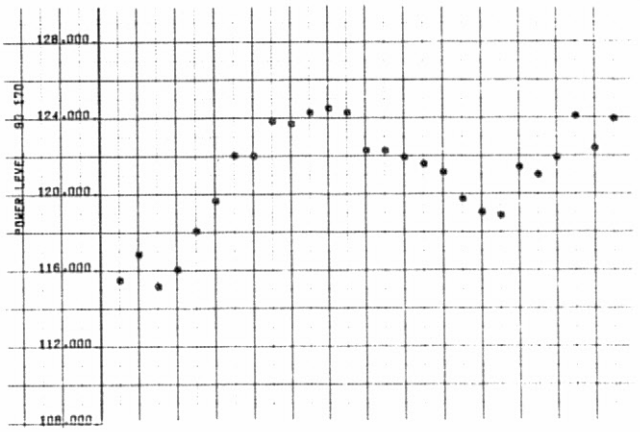


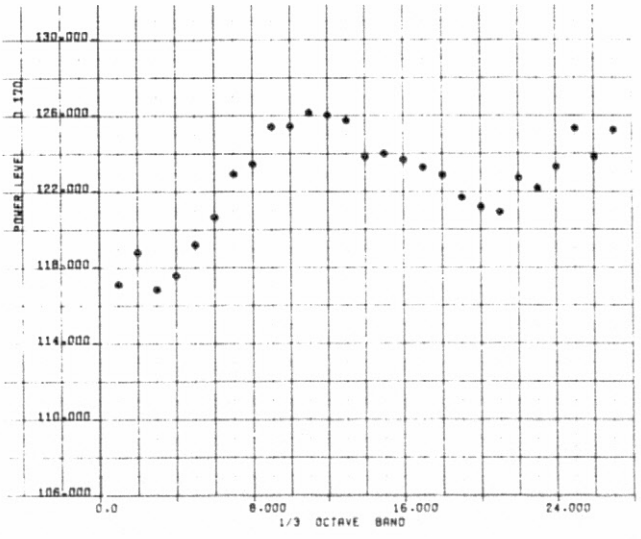




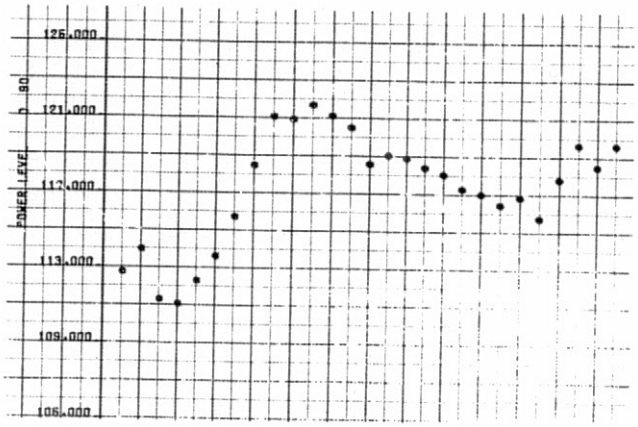
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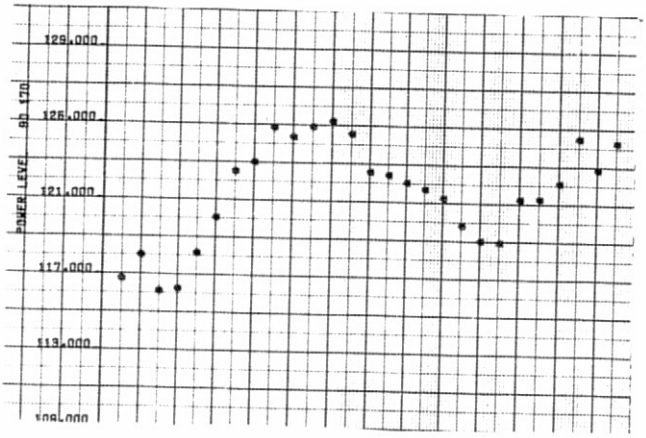


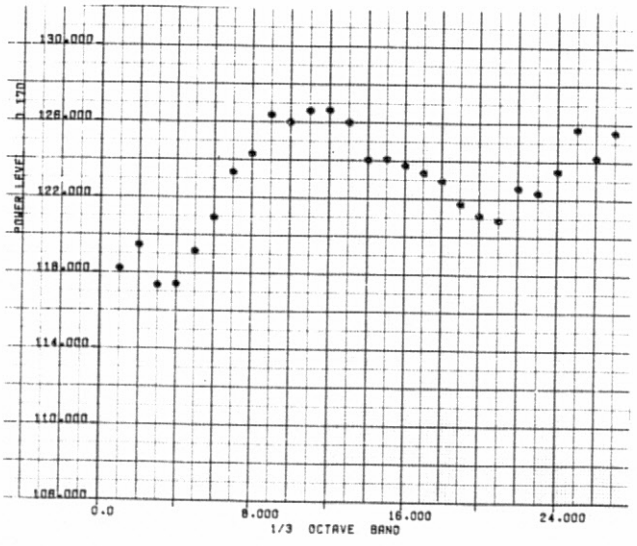




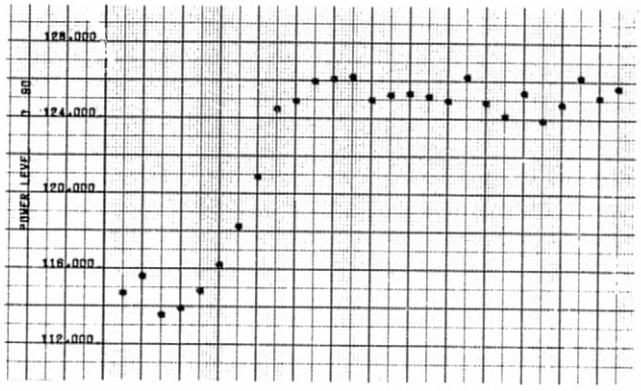
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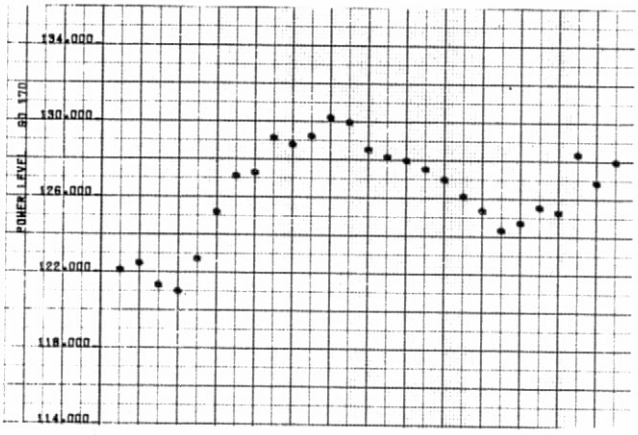


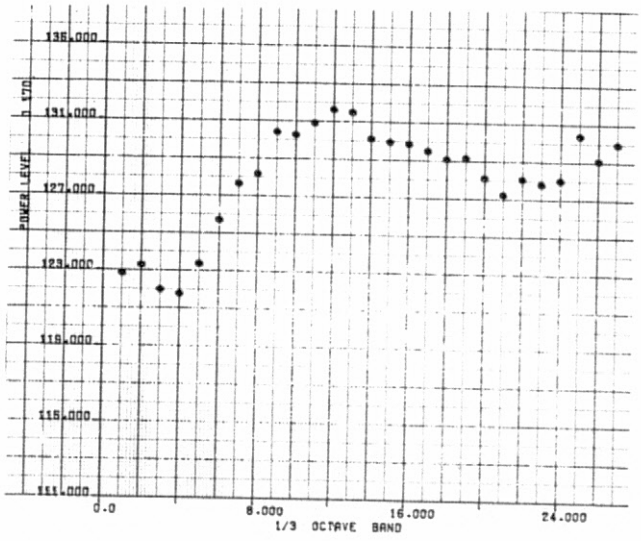




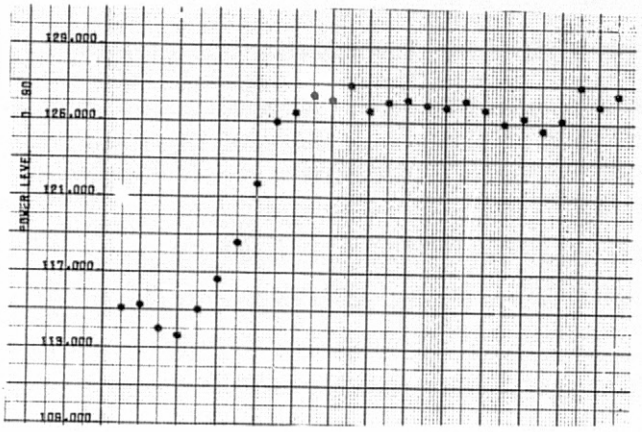
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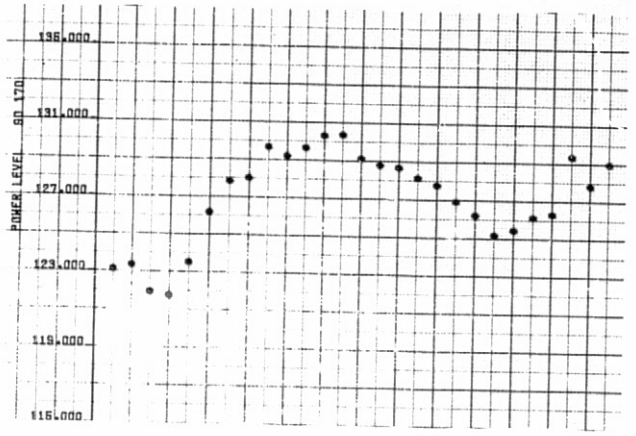


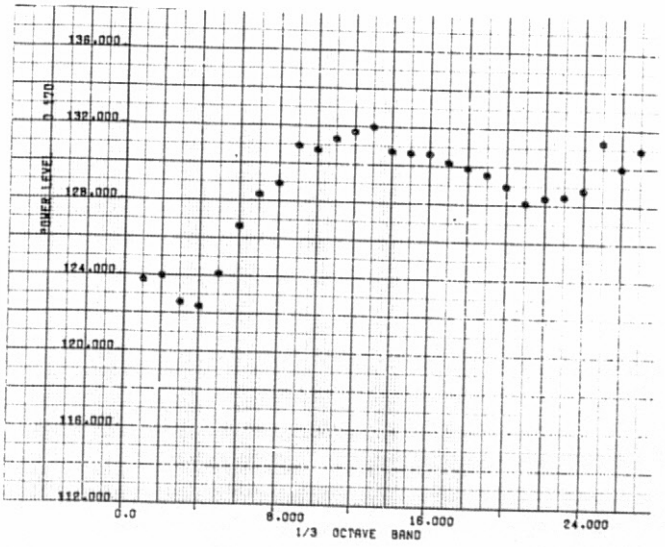




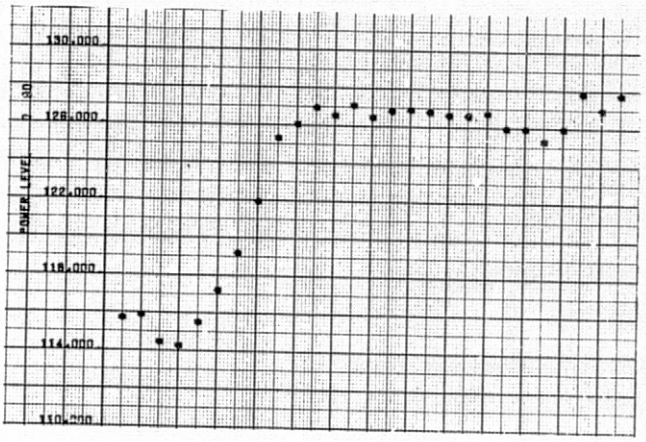
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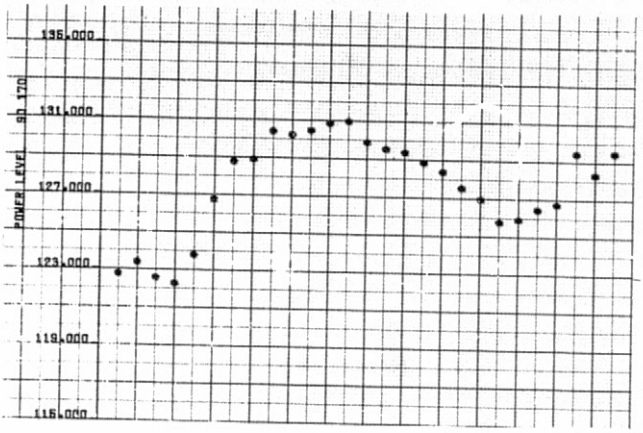


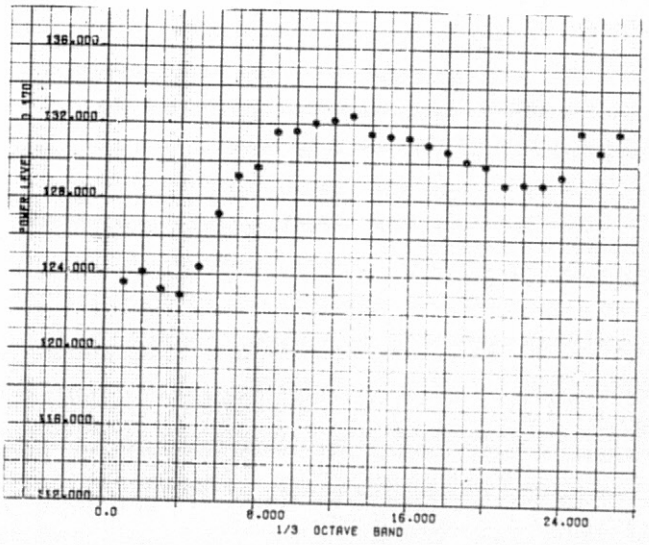




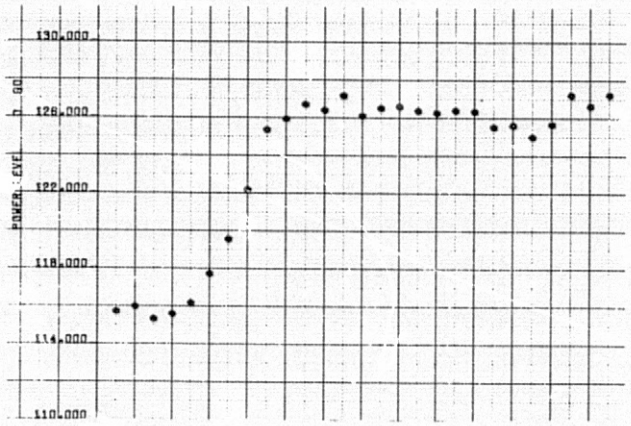
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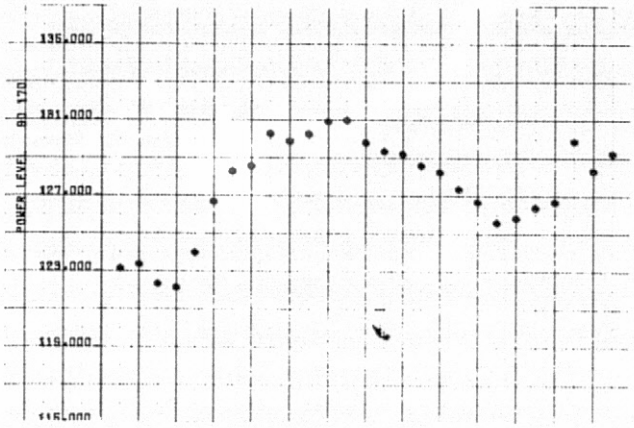


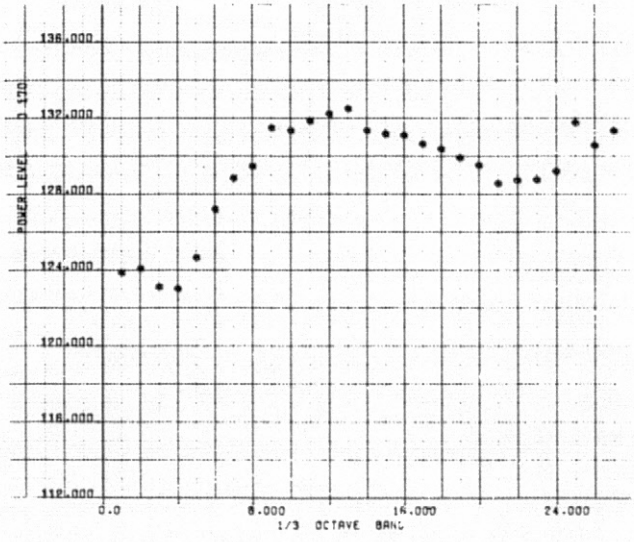




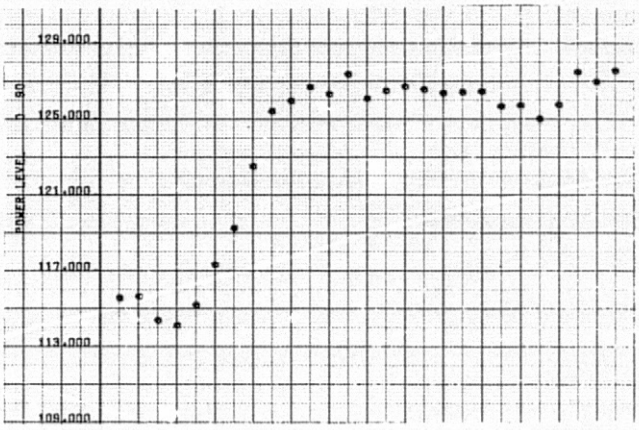
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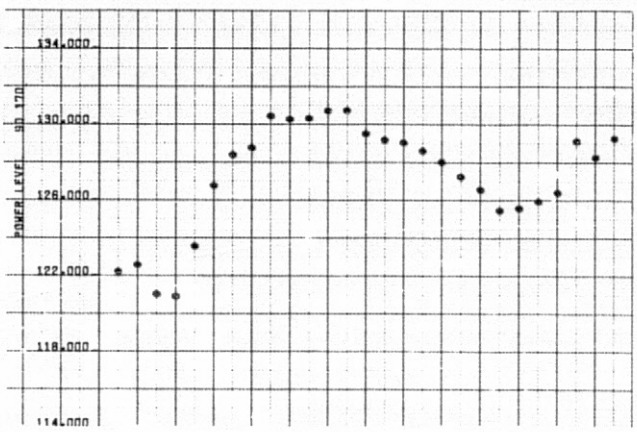


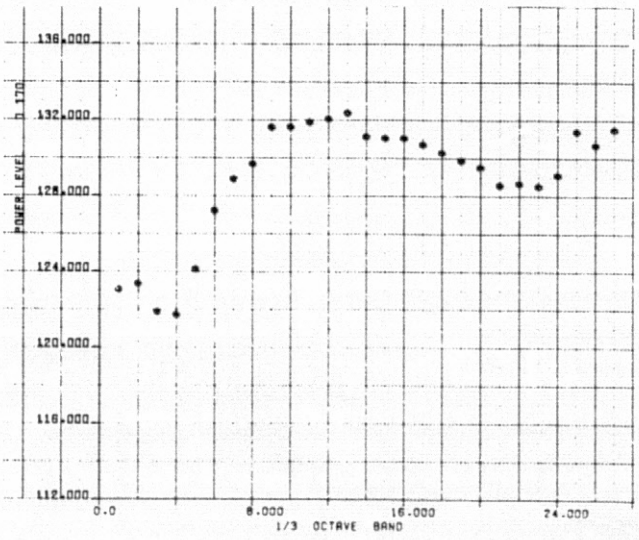




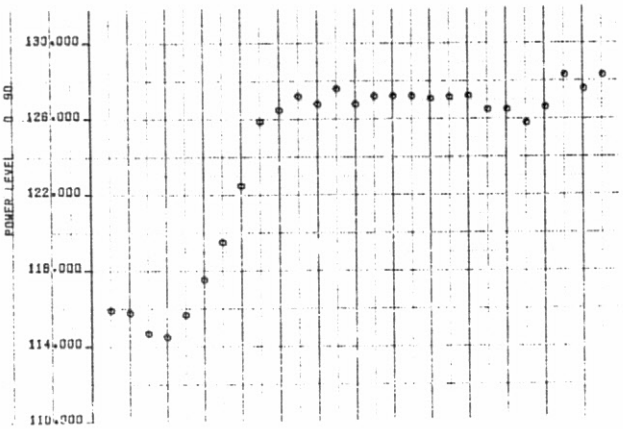
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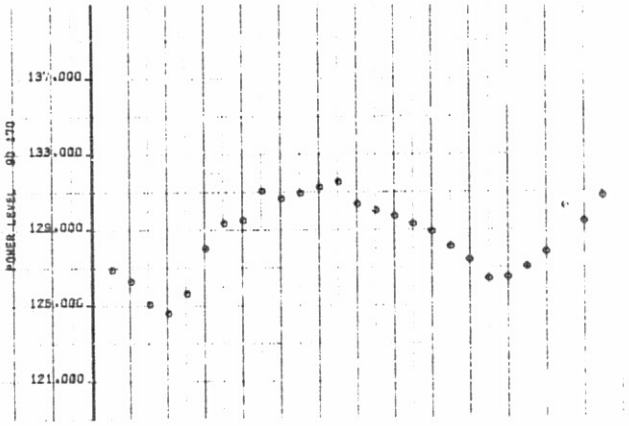


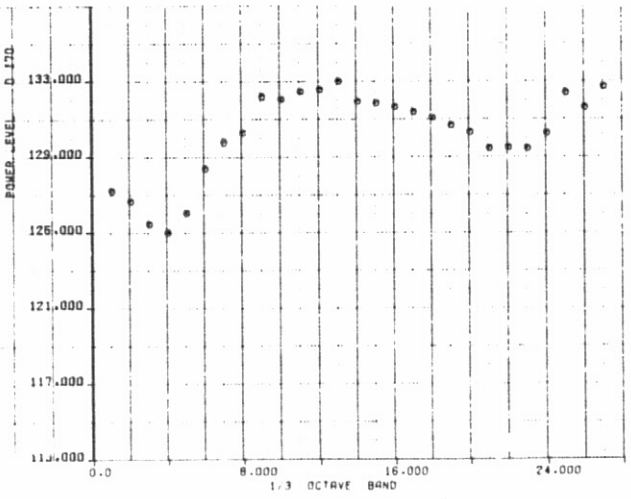




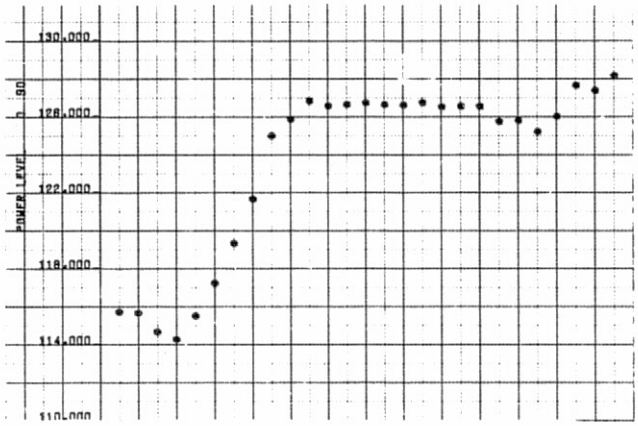
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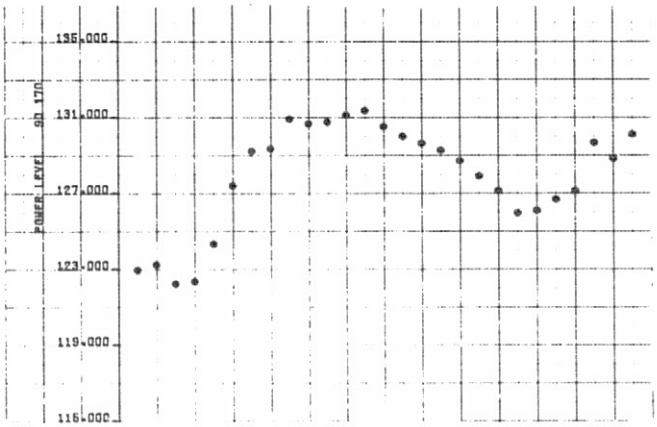


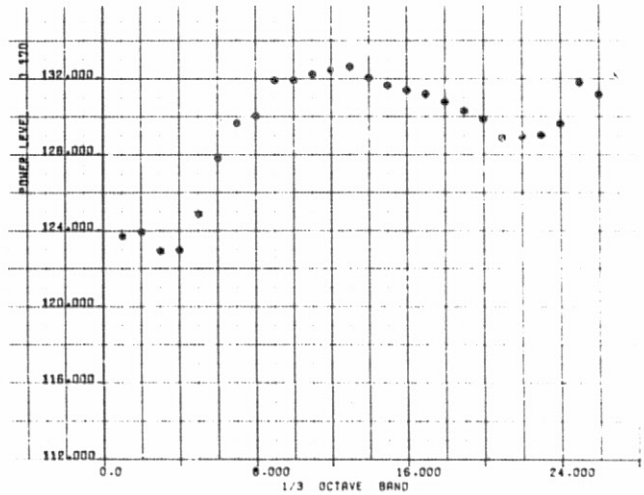




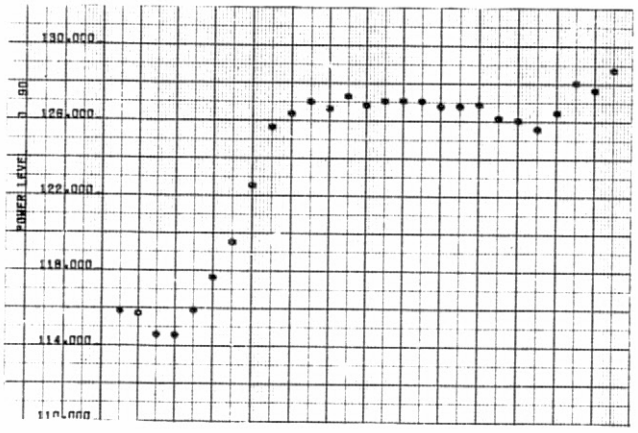
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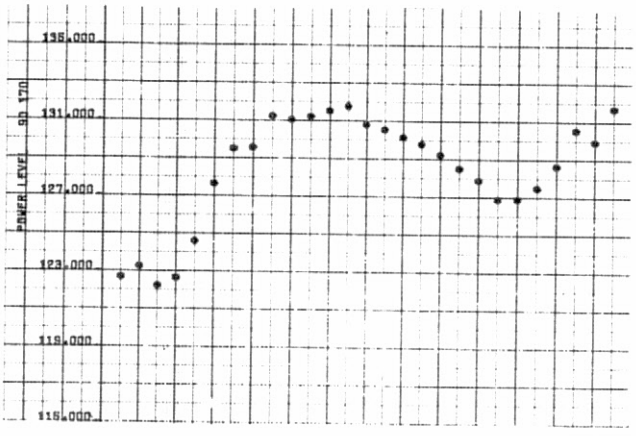


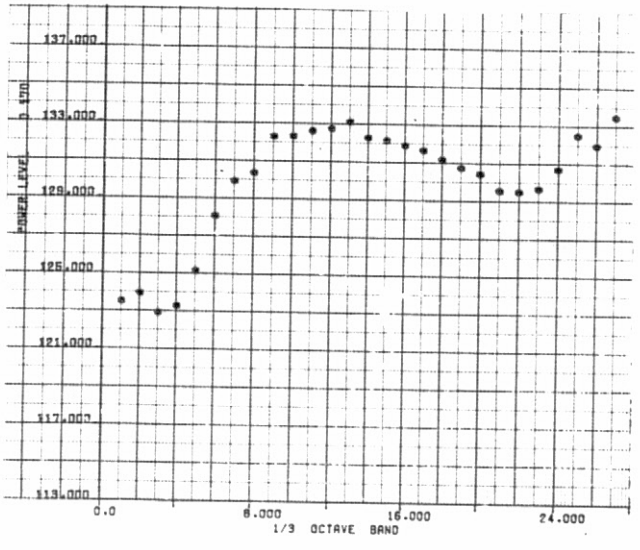




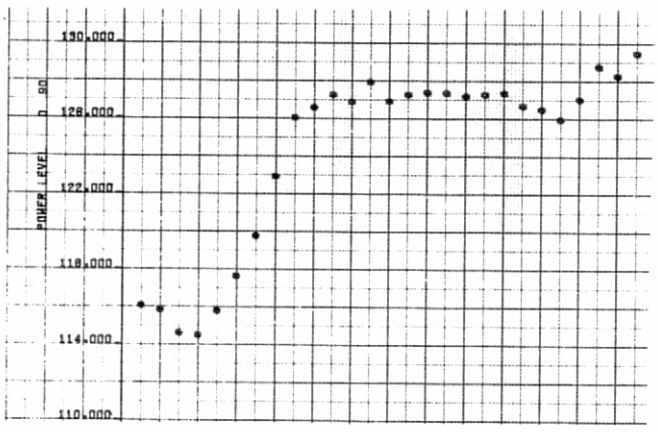
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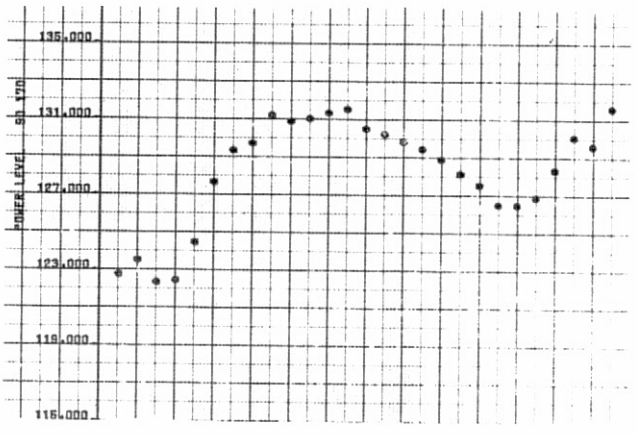


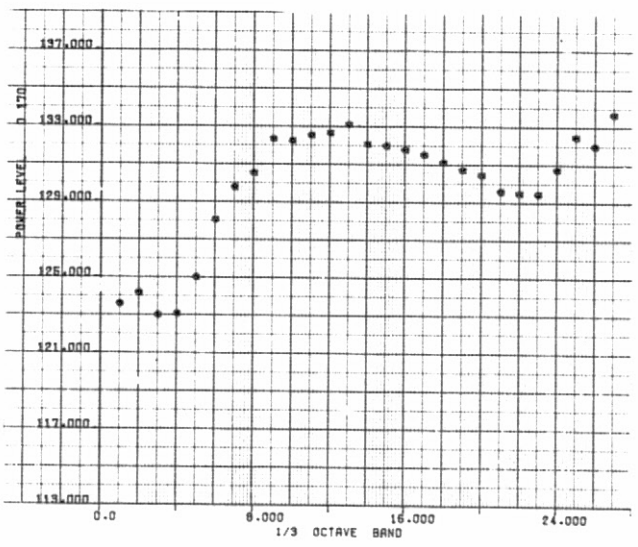




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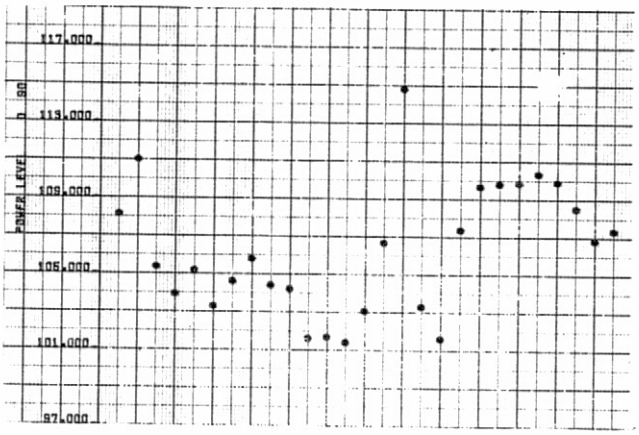




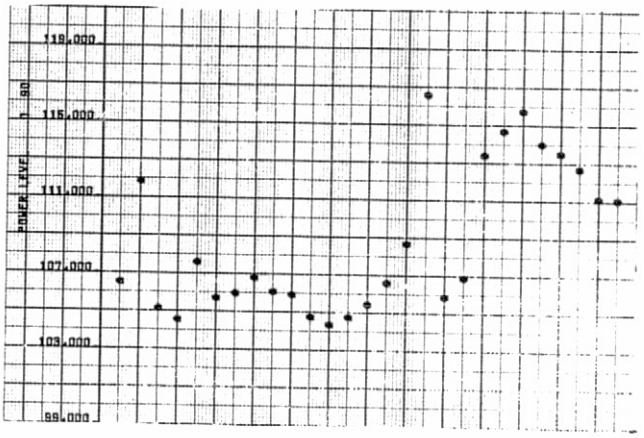


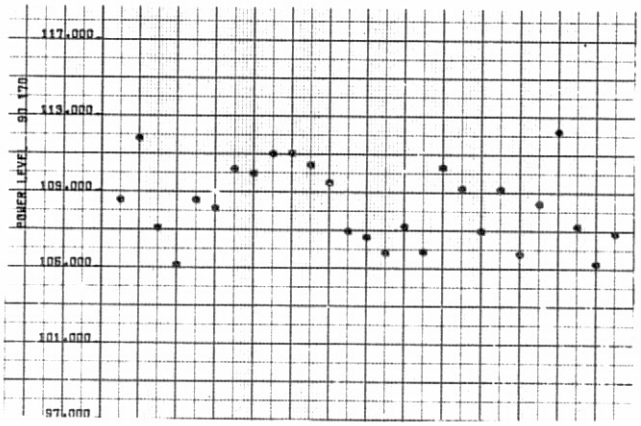
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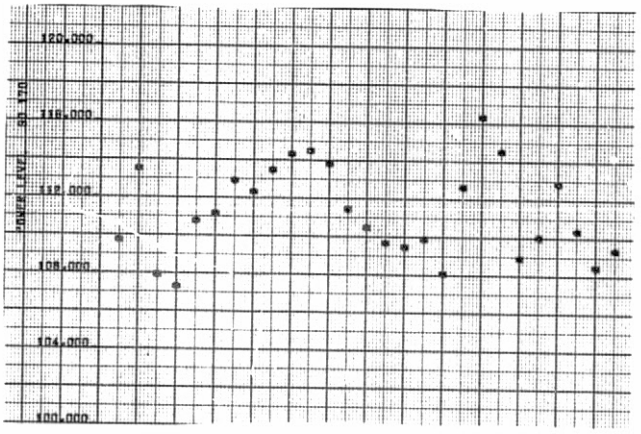
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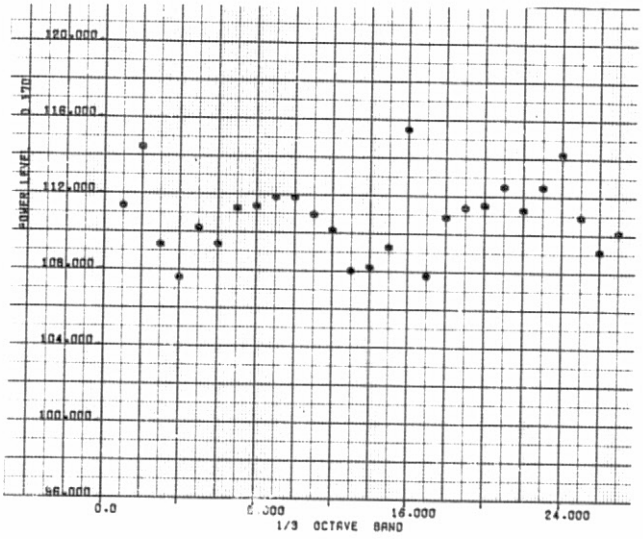


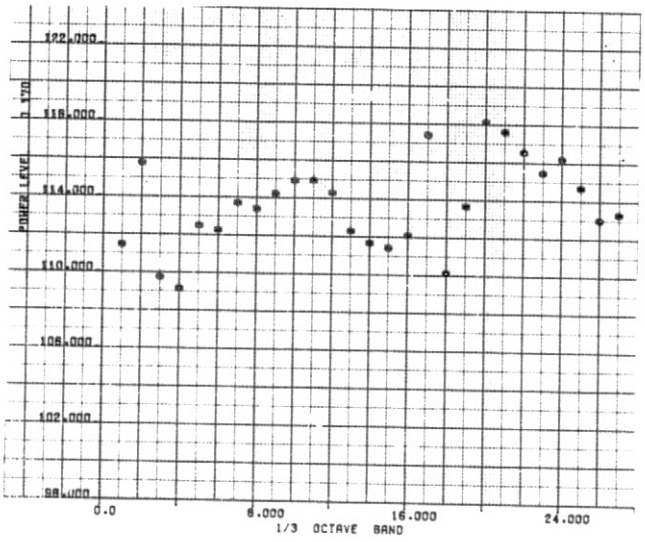
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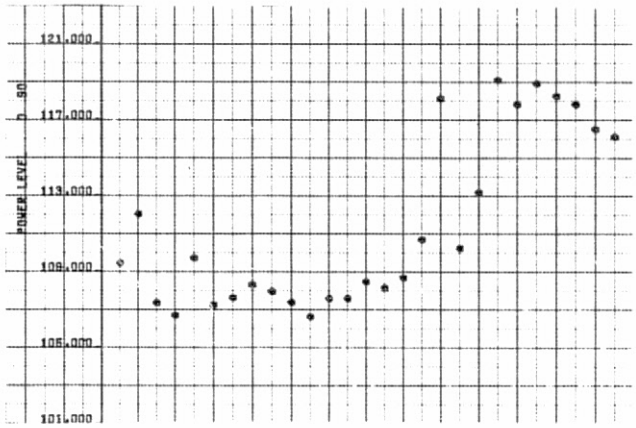


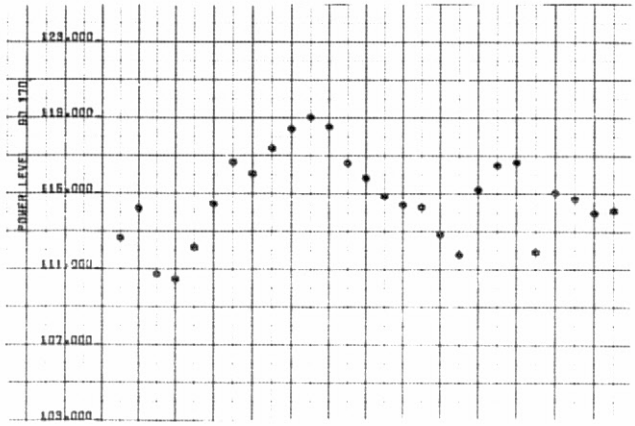


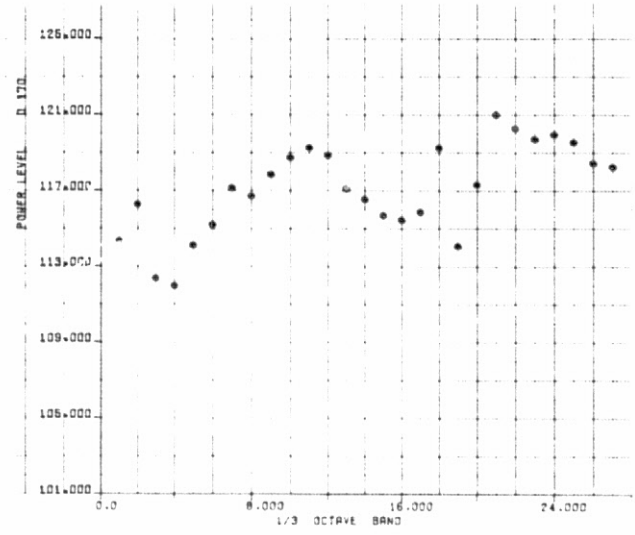




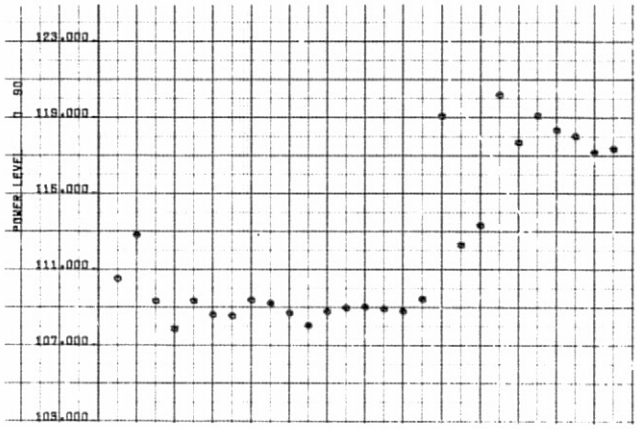
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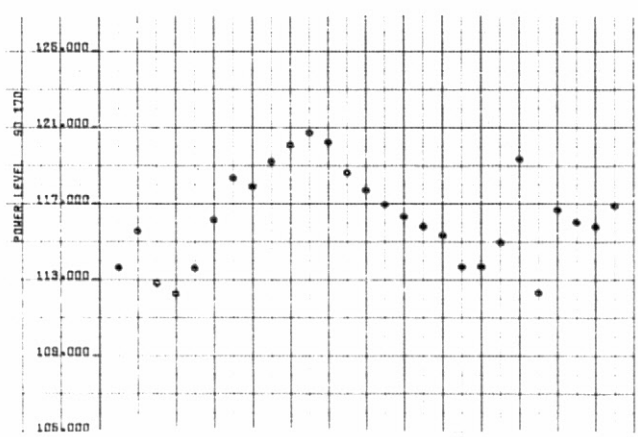


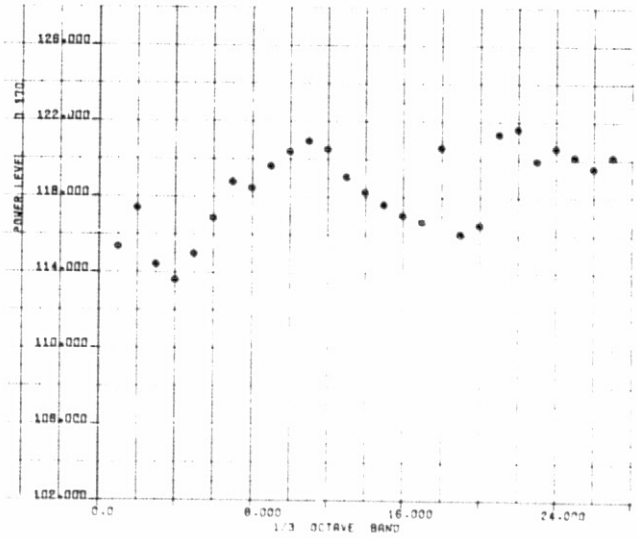




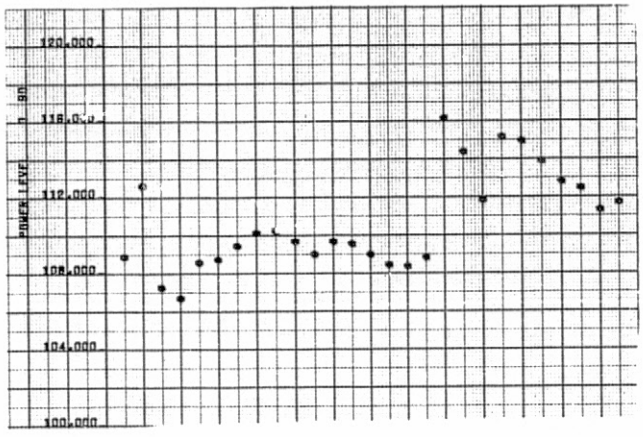
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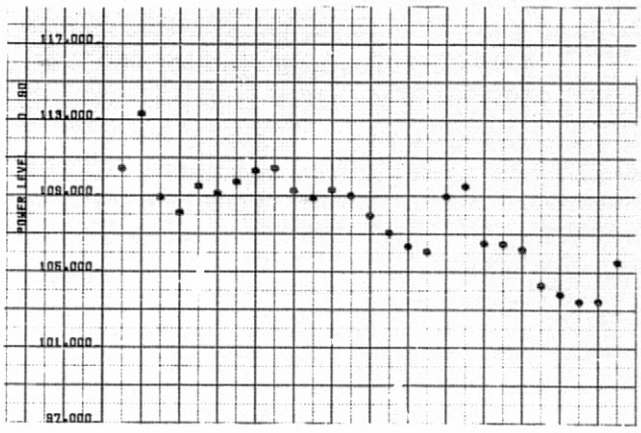


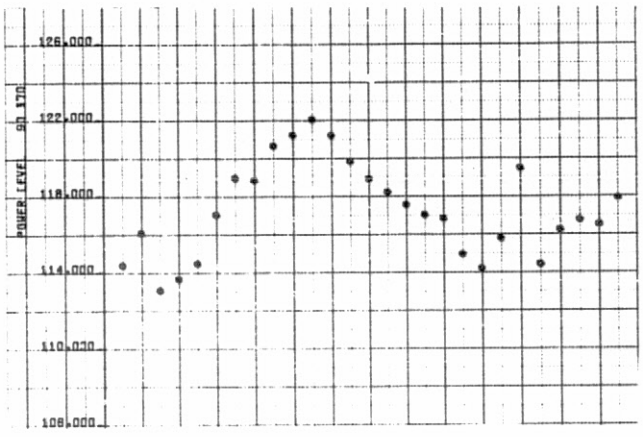


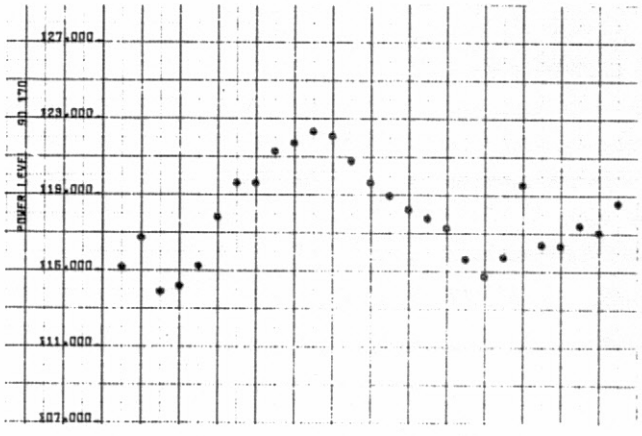
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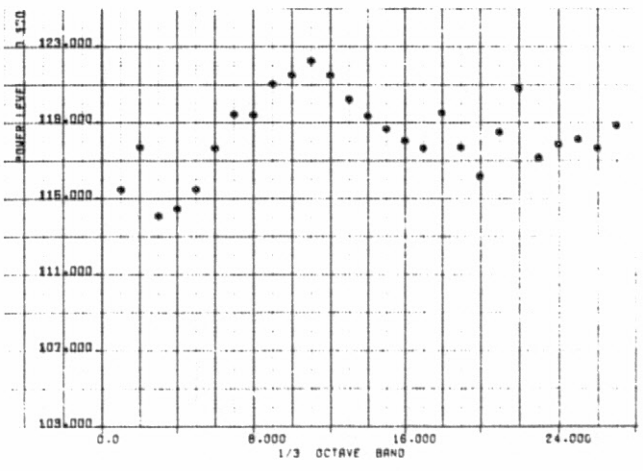


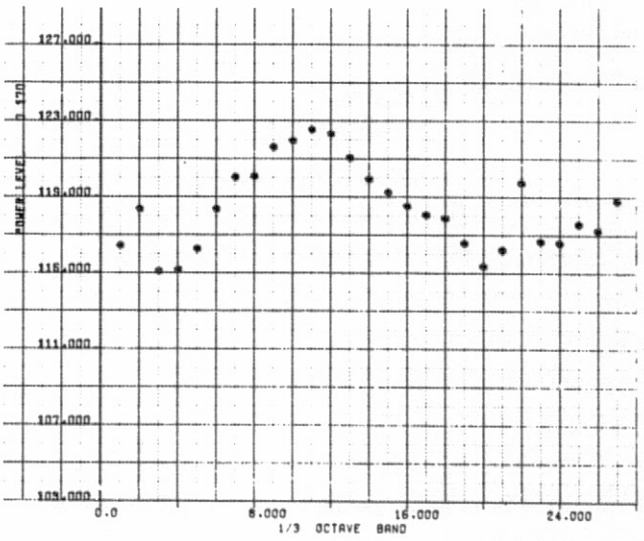
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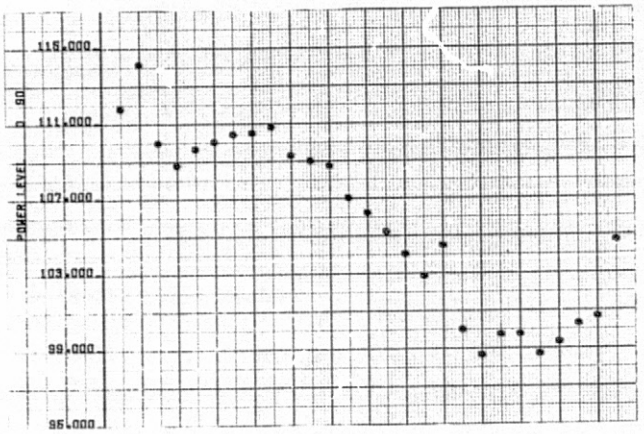


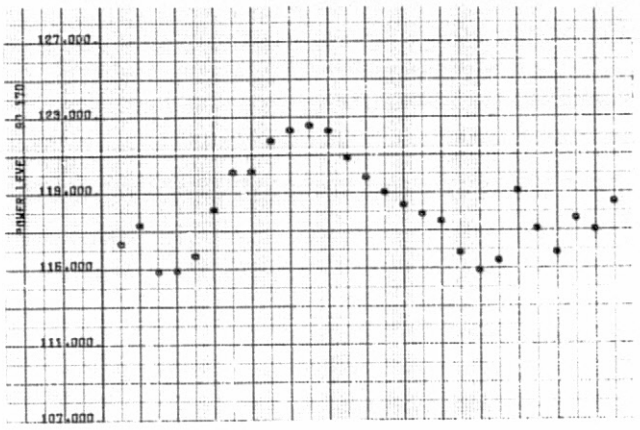


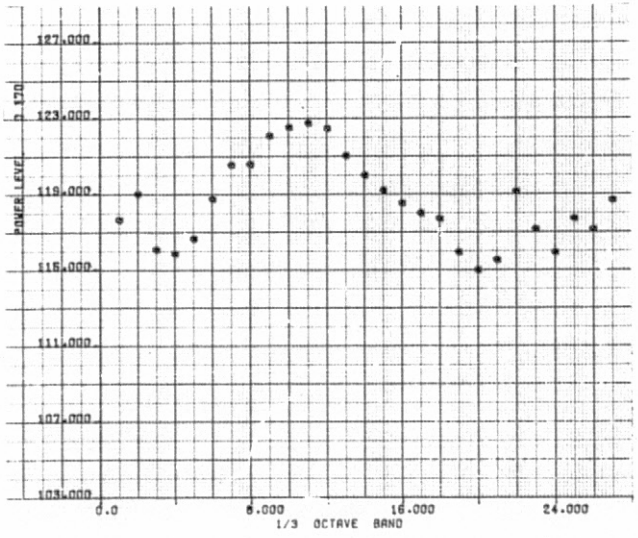




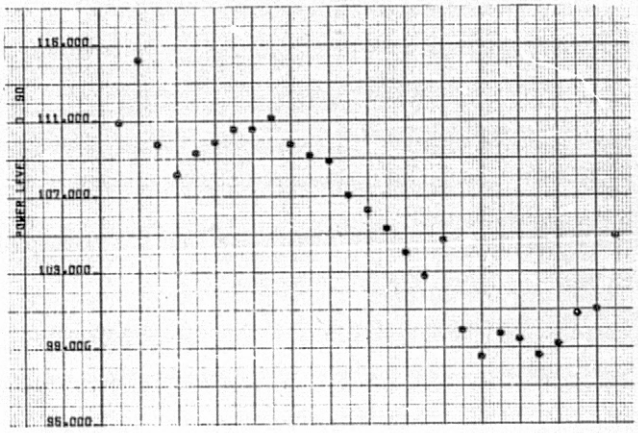
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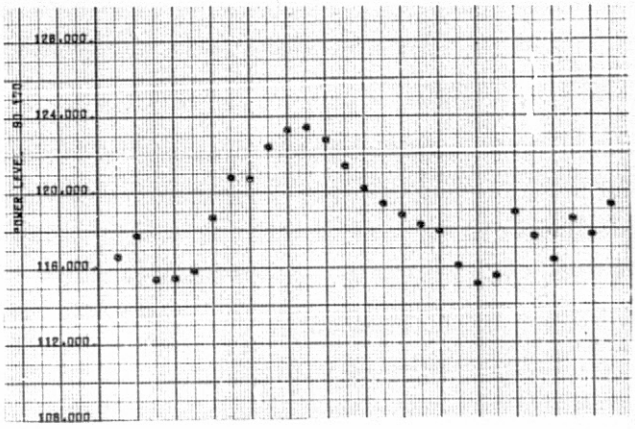


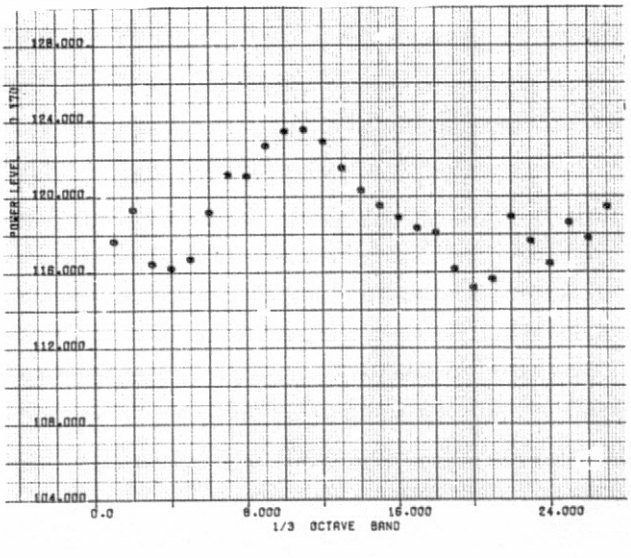




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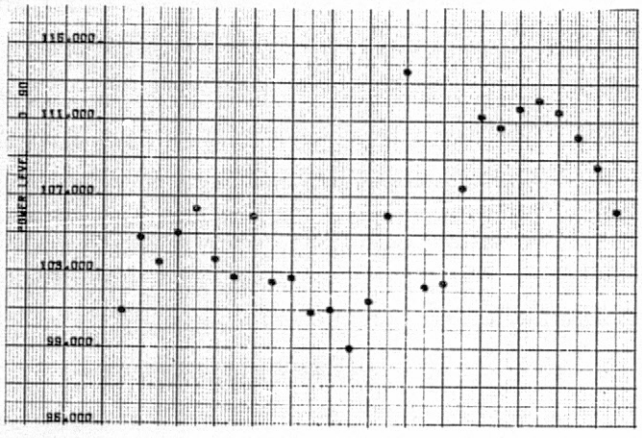


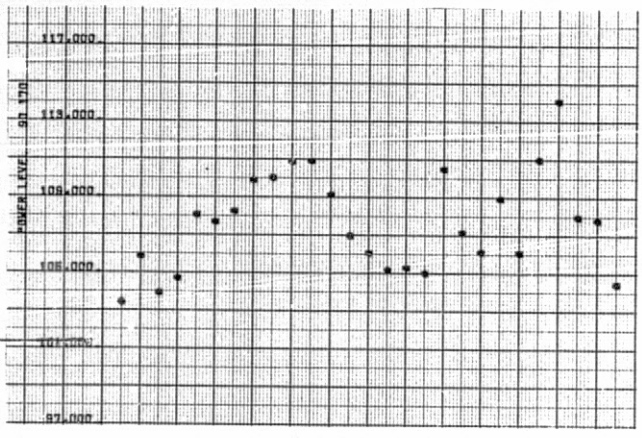


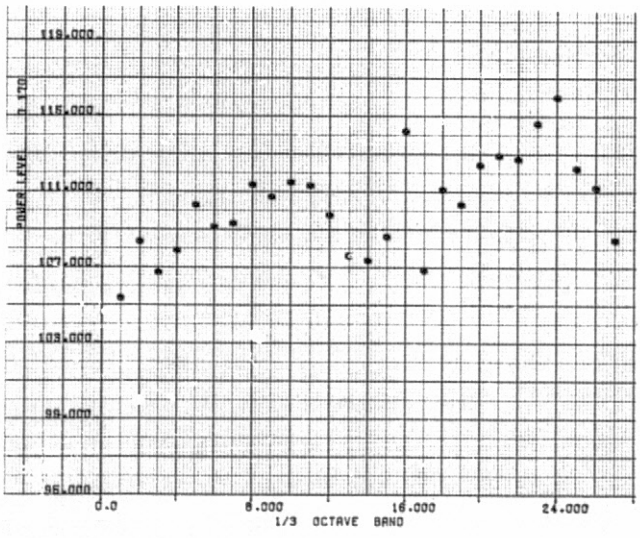


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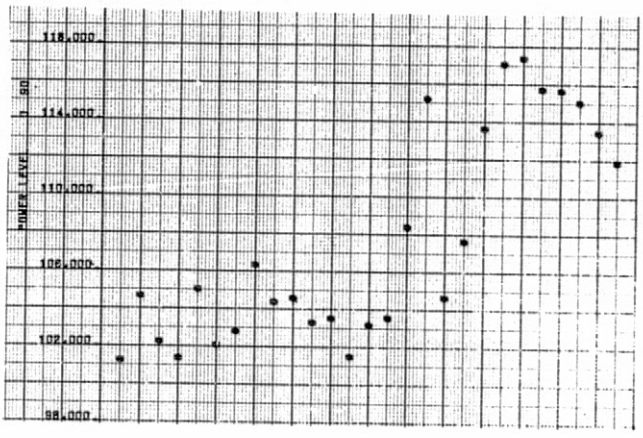
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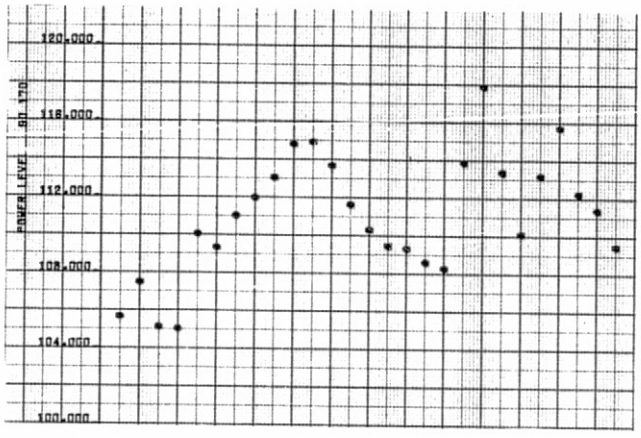


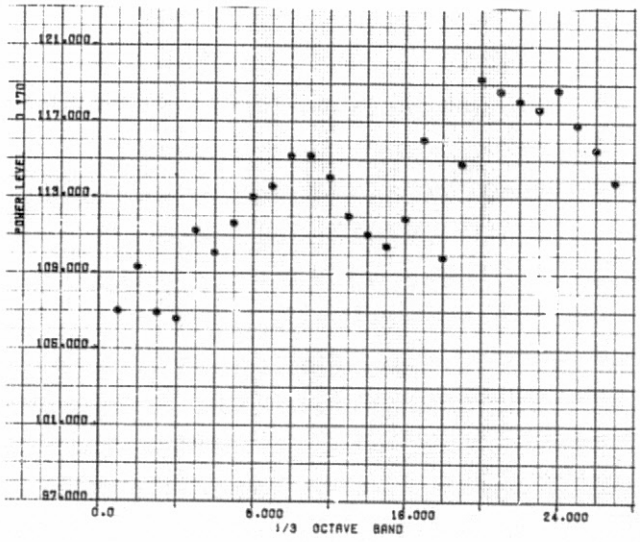




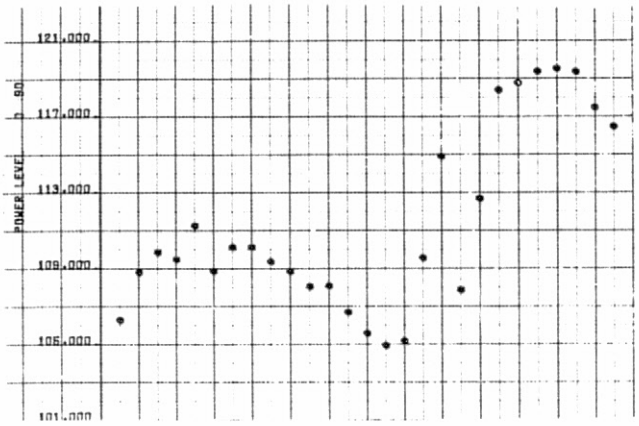
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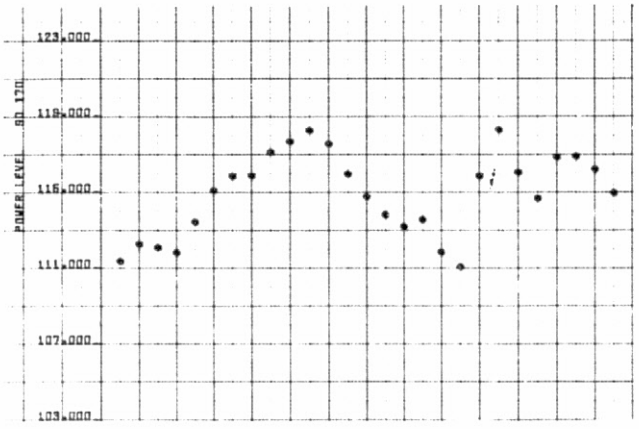


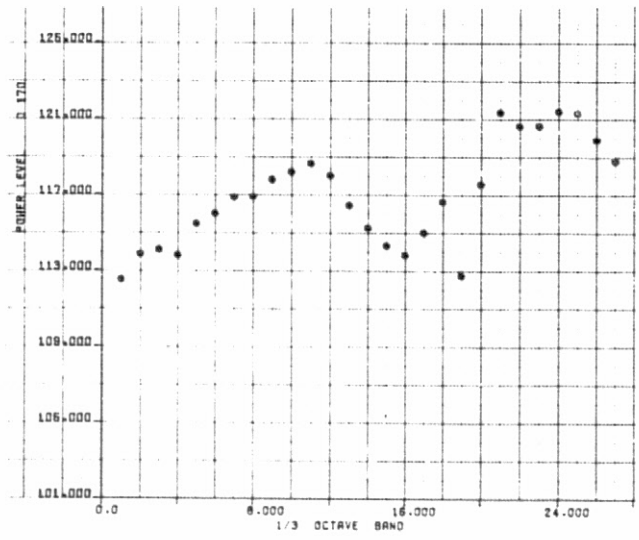




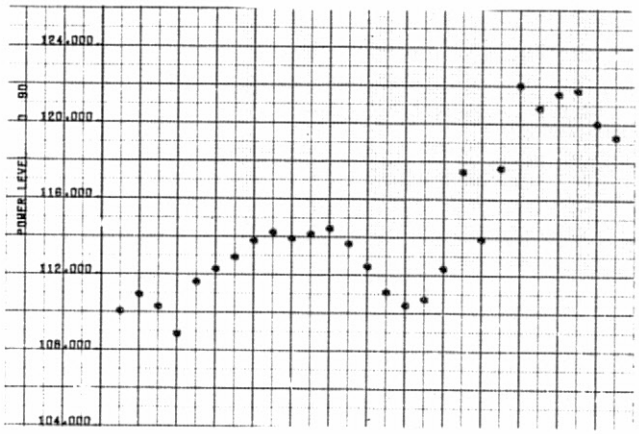
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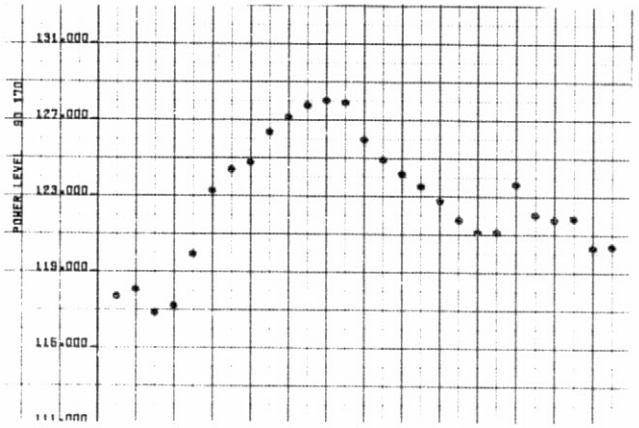


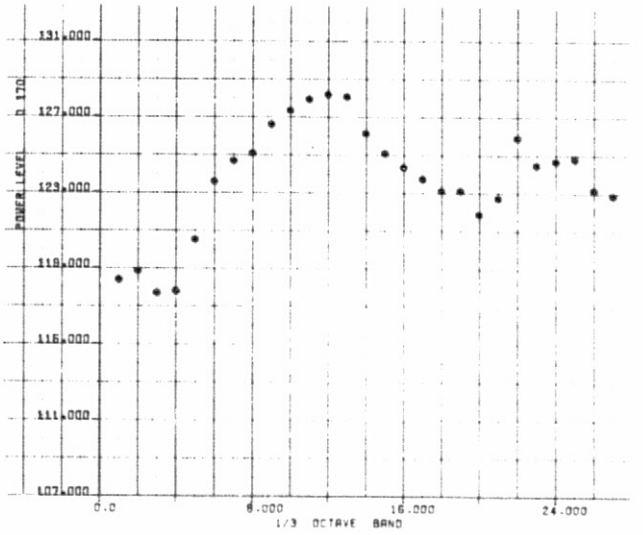




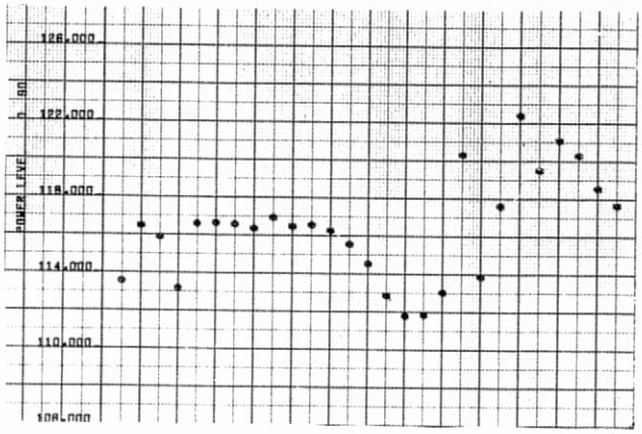
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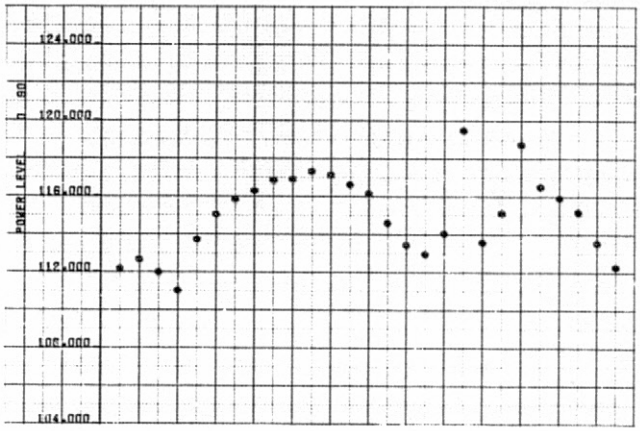


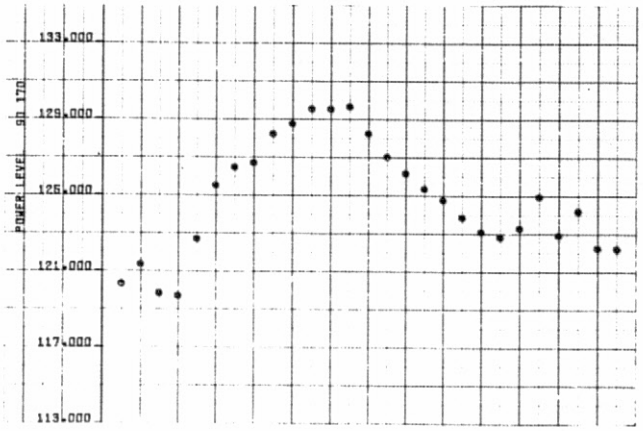


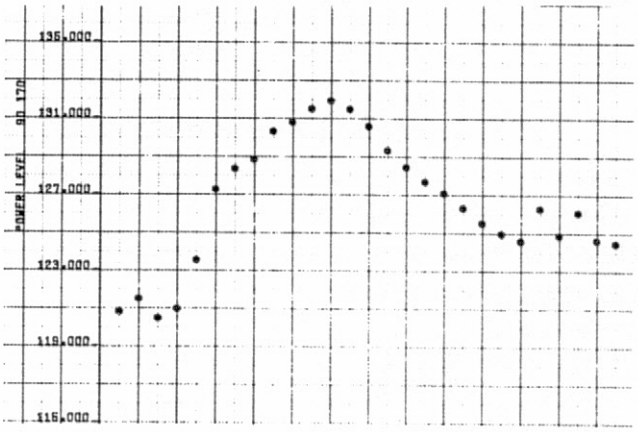
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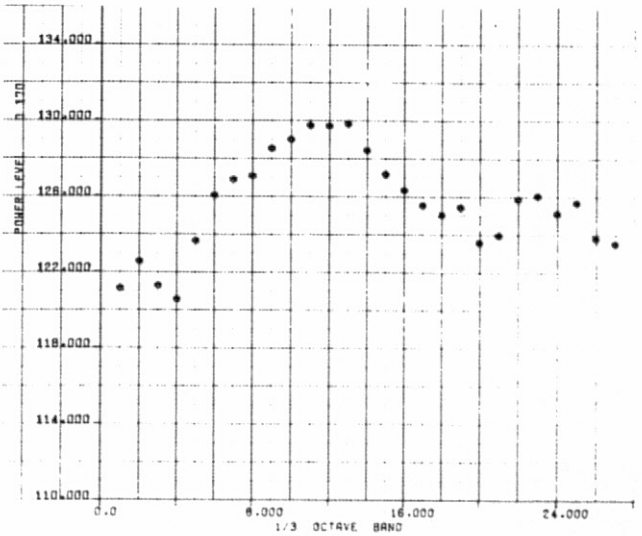


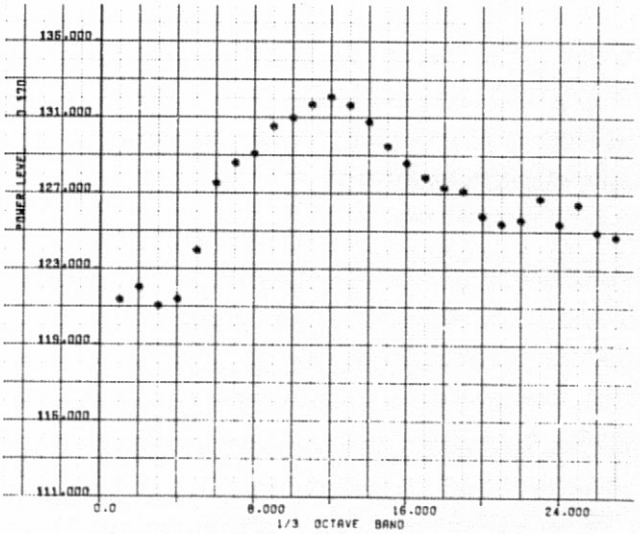
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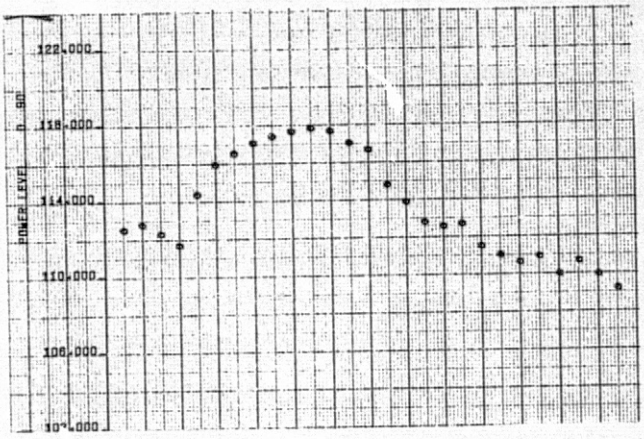


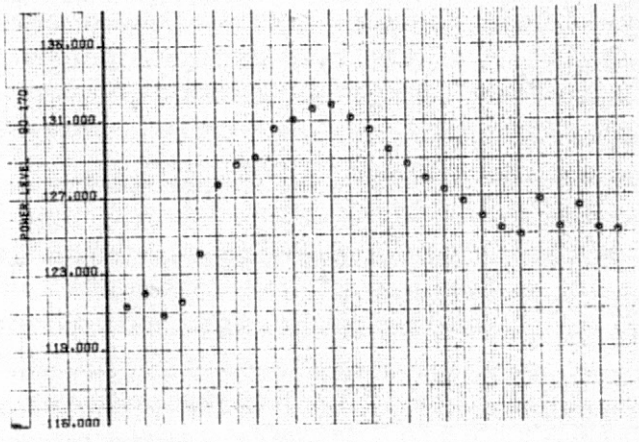


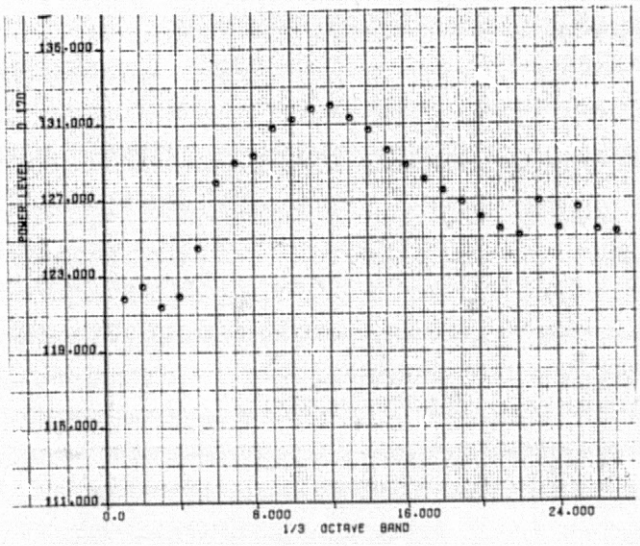




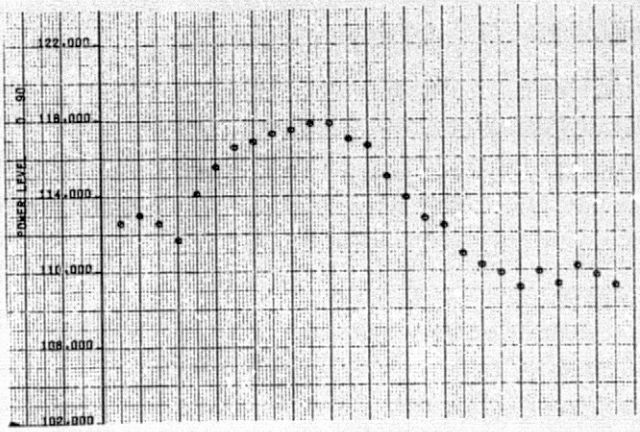
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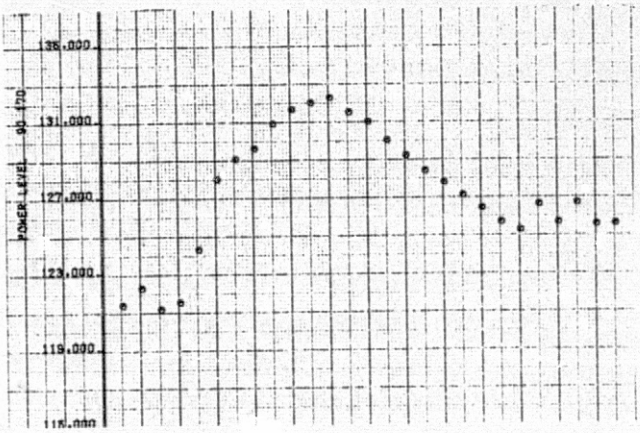


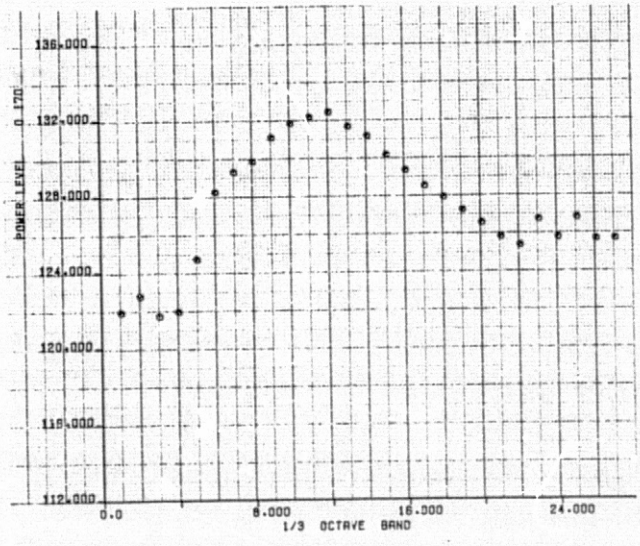




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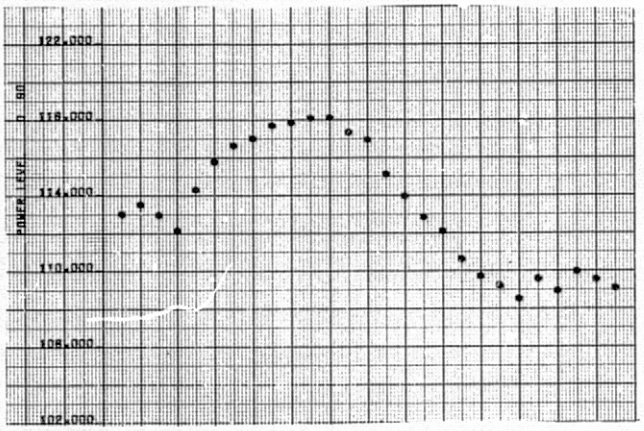


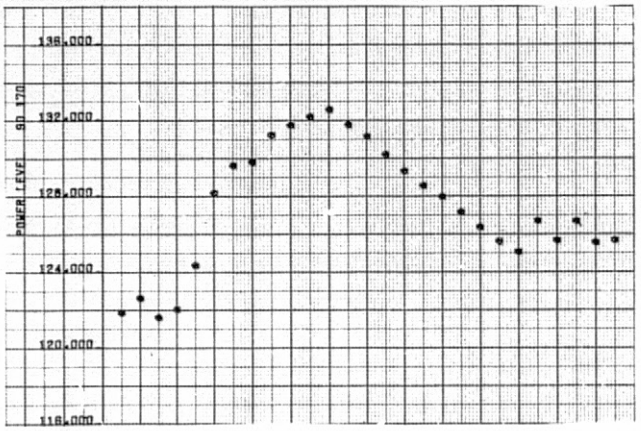


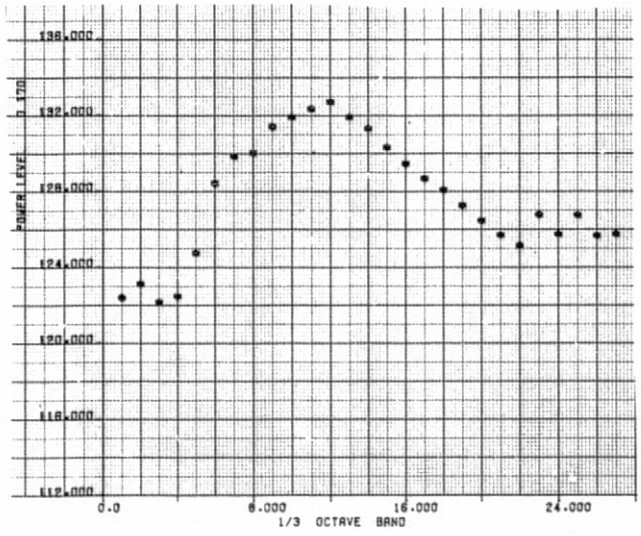


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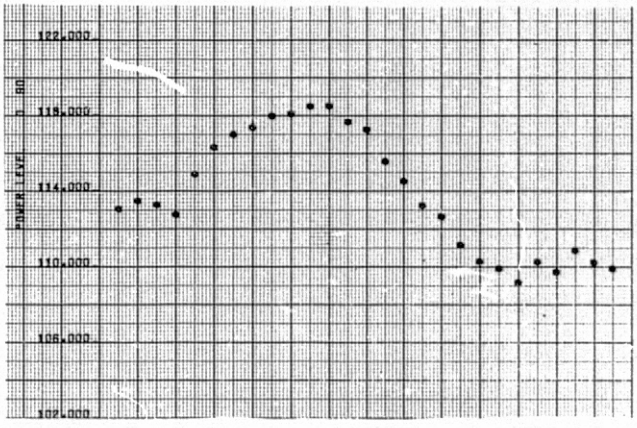
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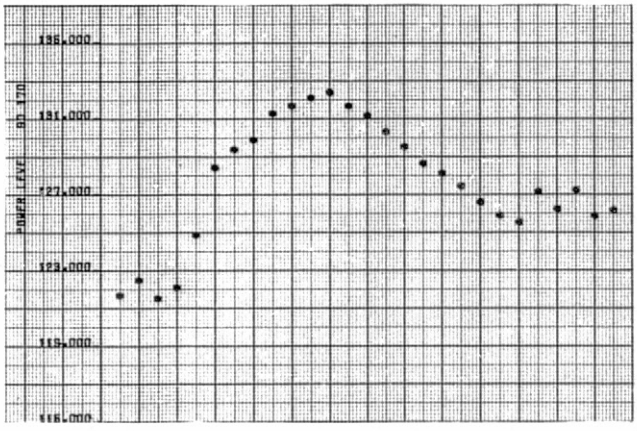


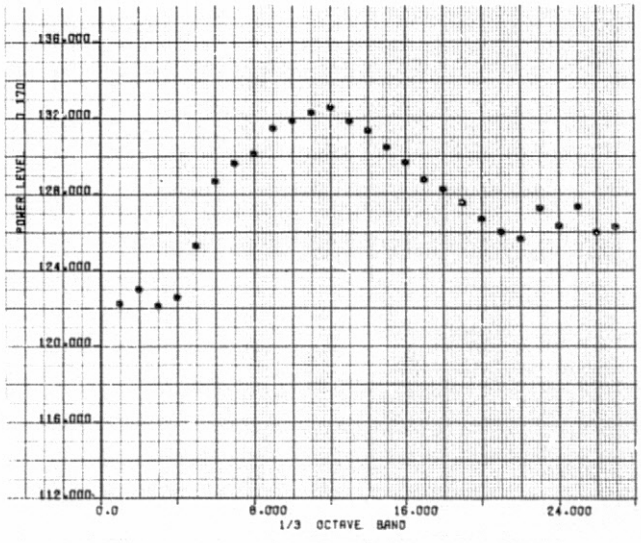




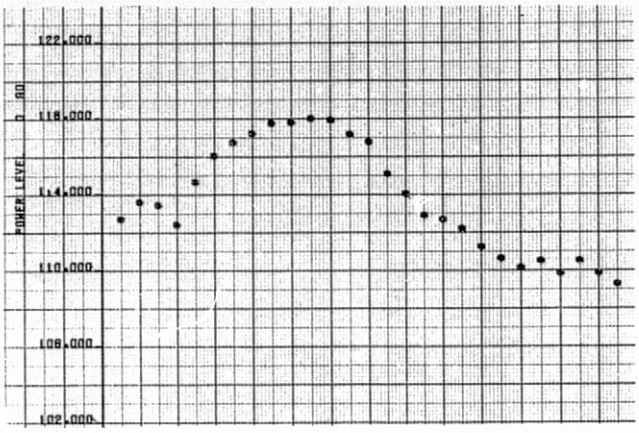
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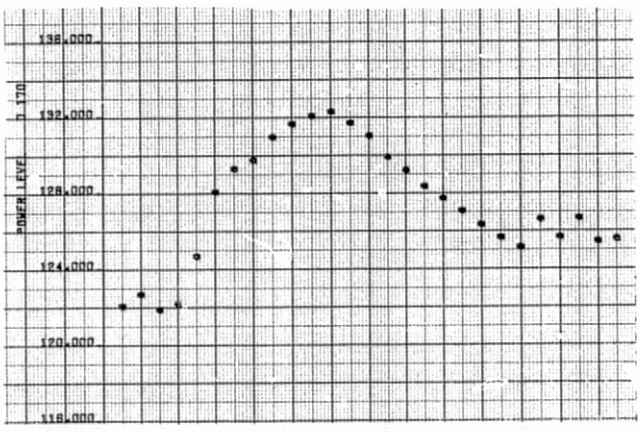


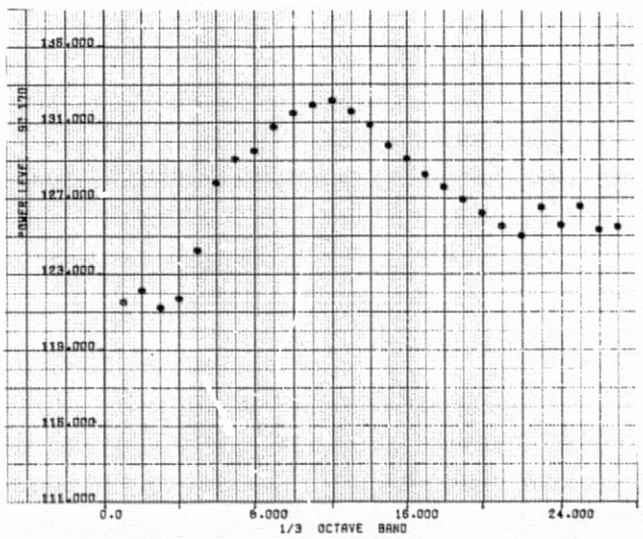




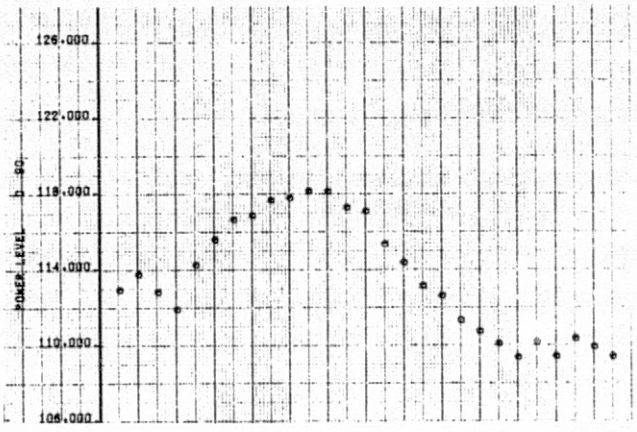
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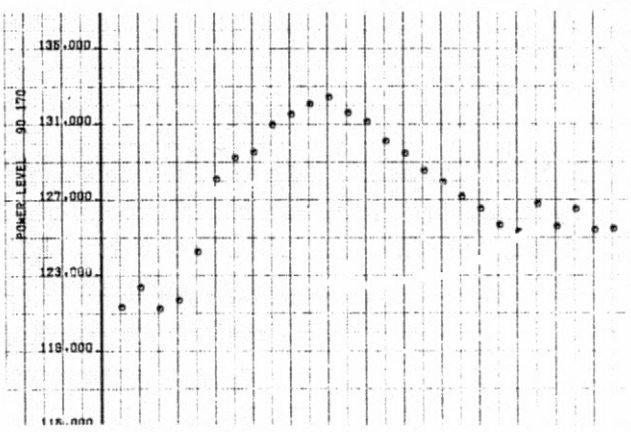


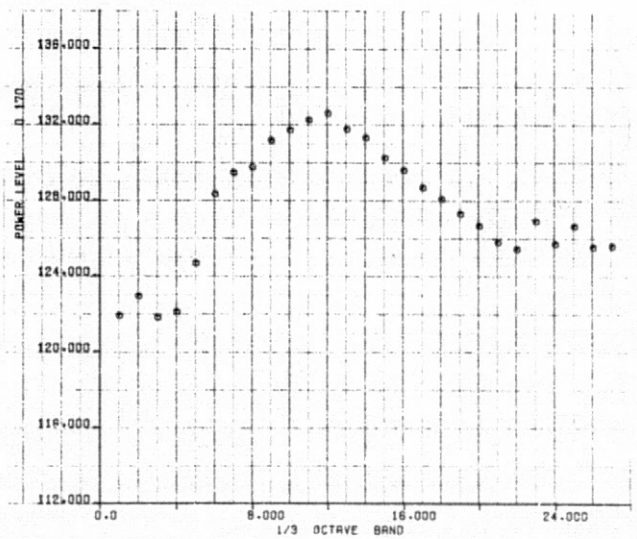




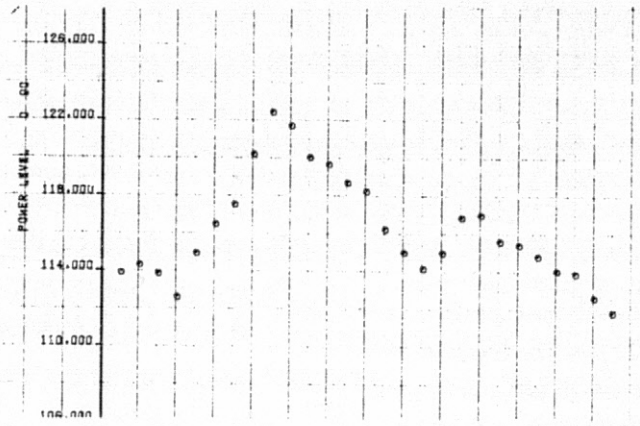
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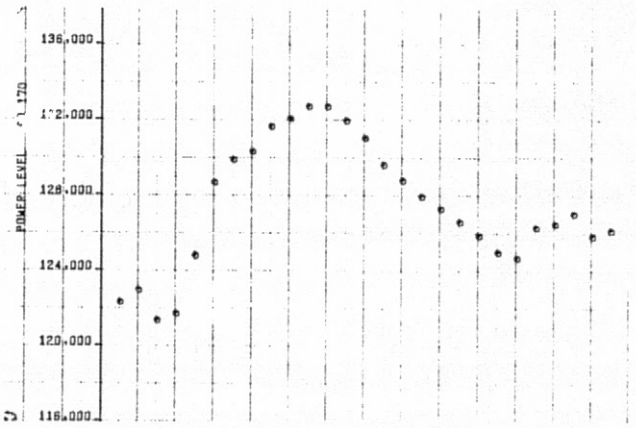


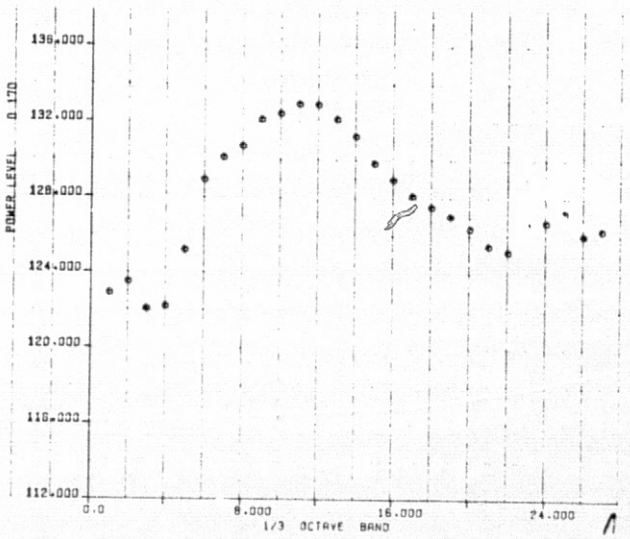




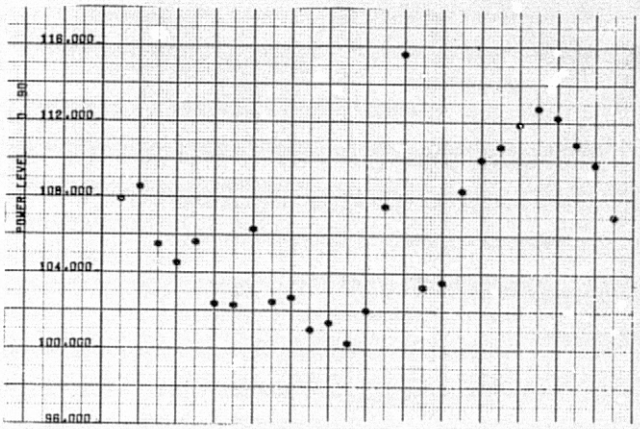
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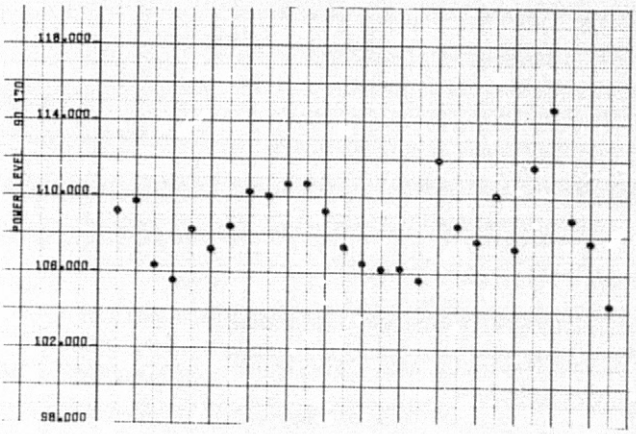


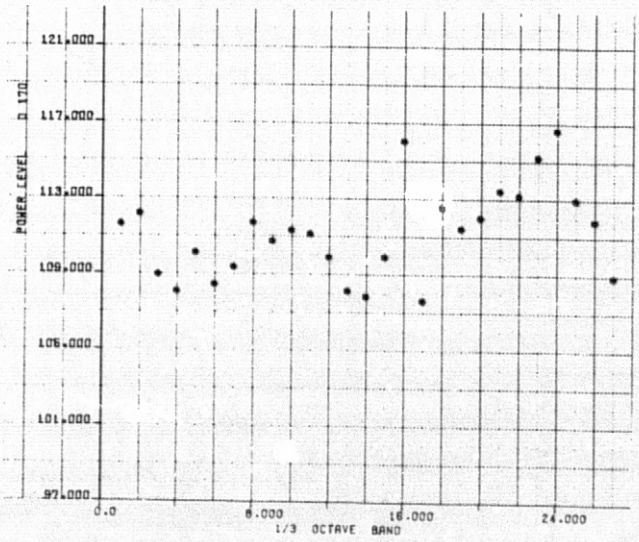




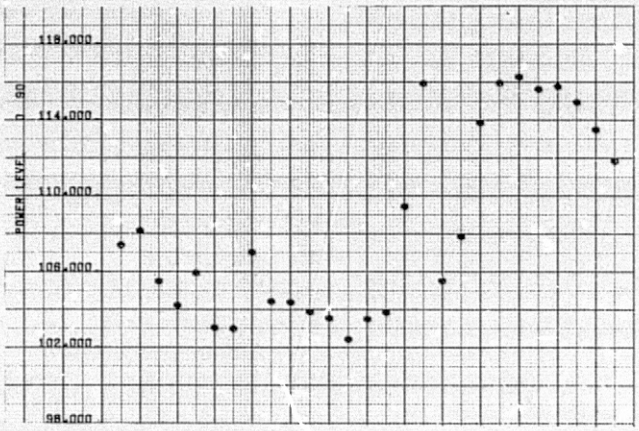
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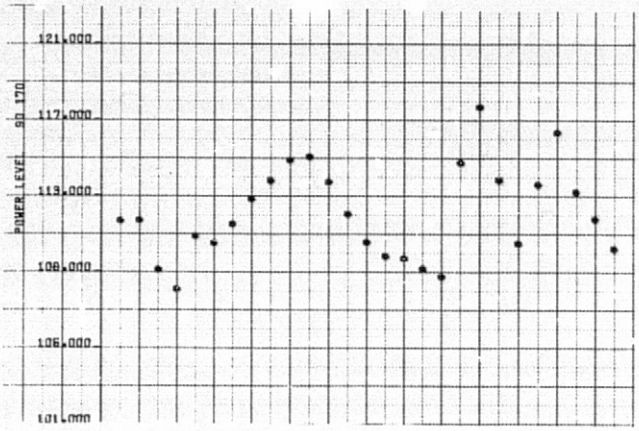


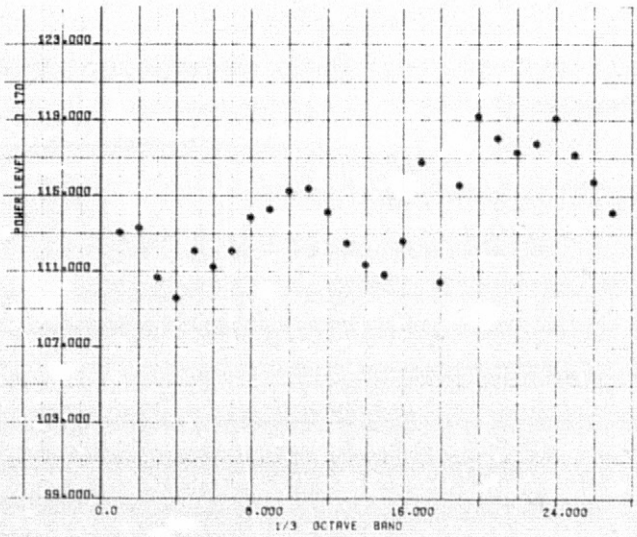




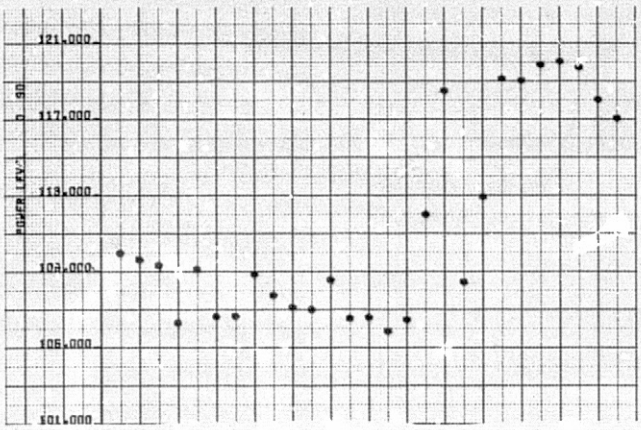
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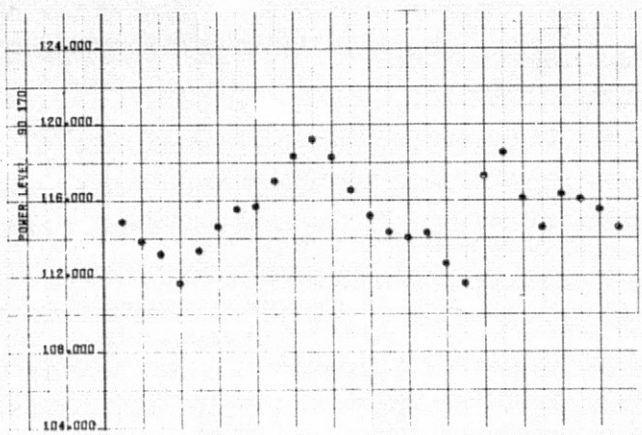


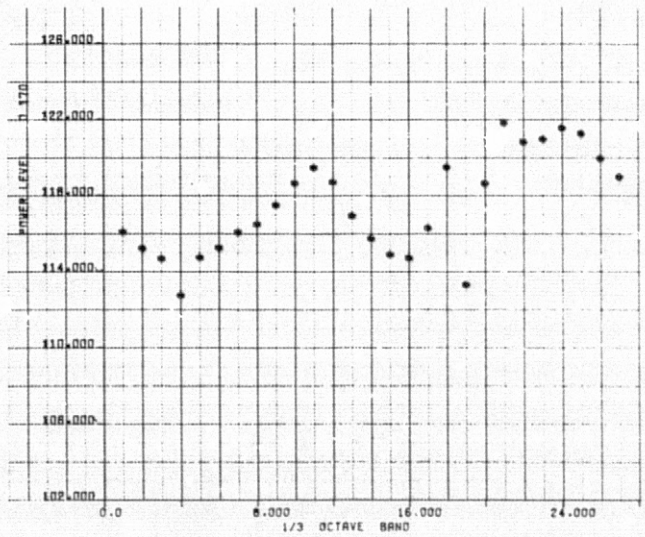




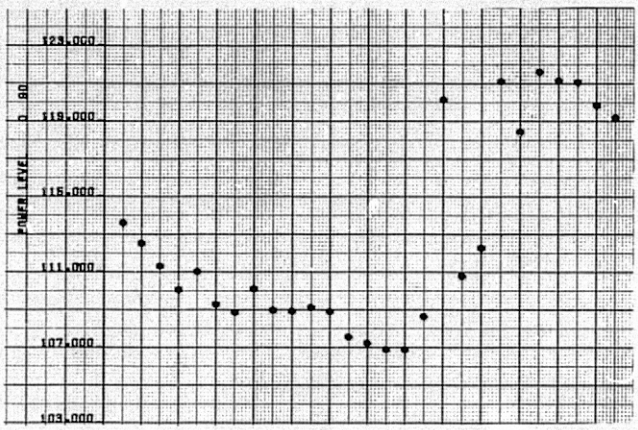
Point No. C(c)-24



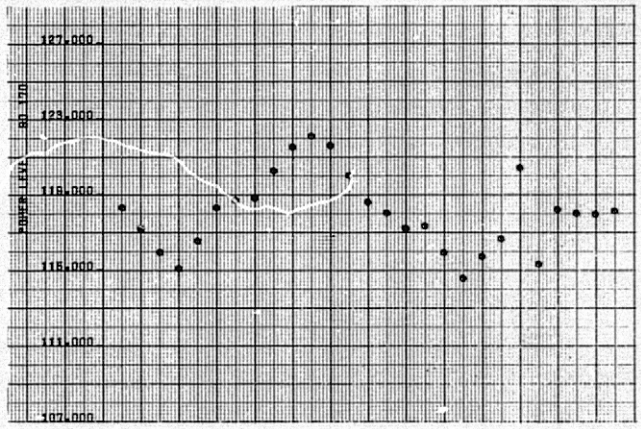


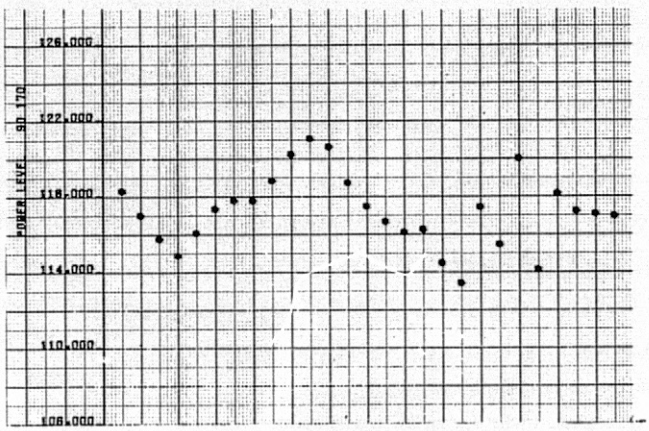


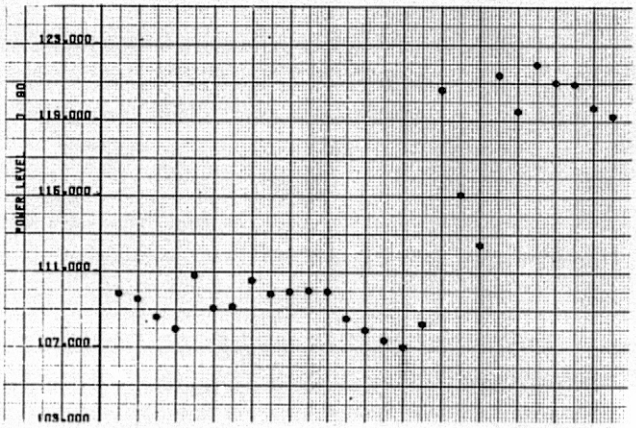
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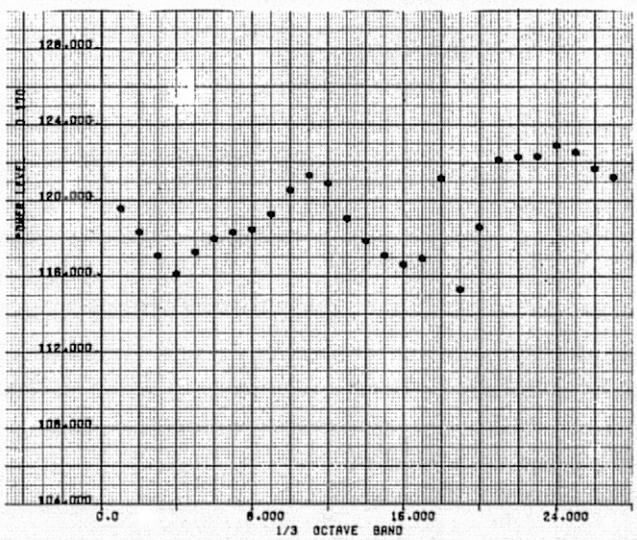


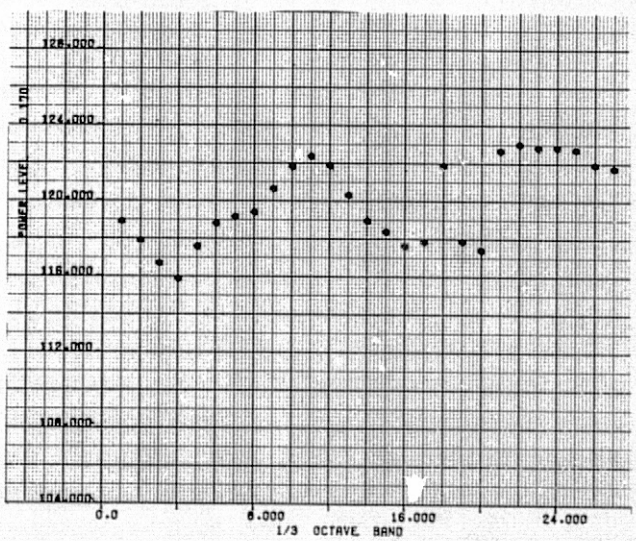
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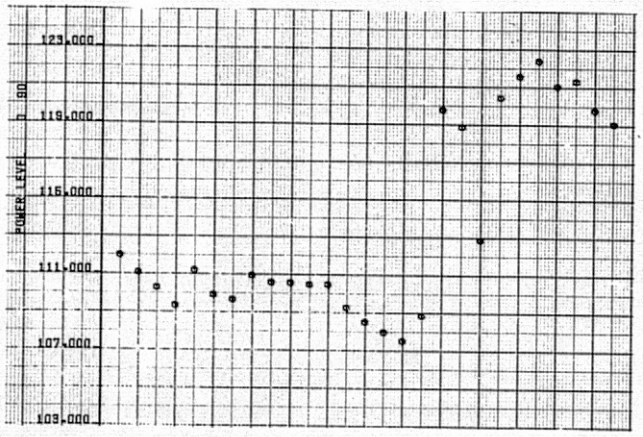




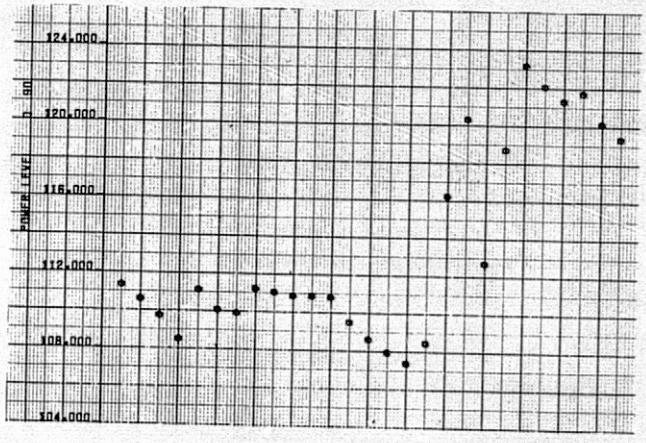


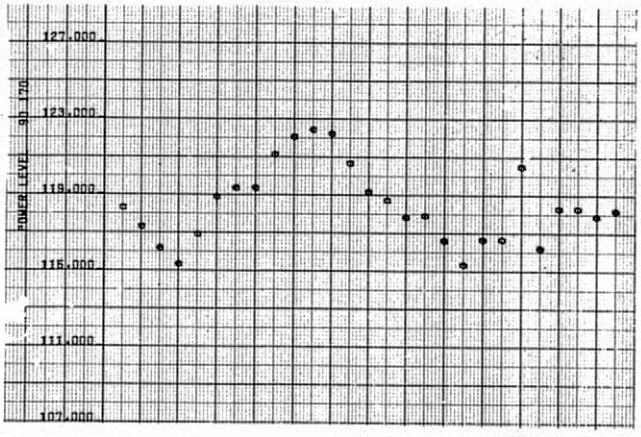


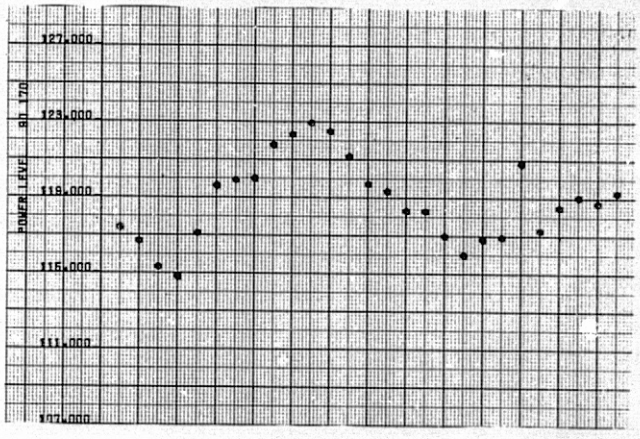
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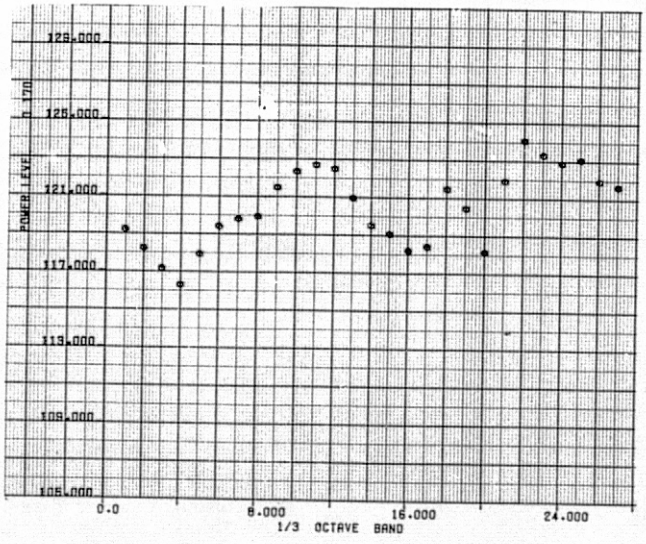


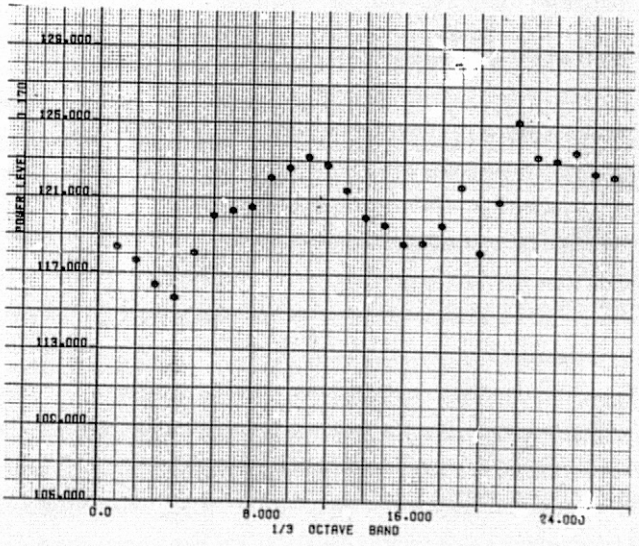
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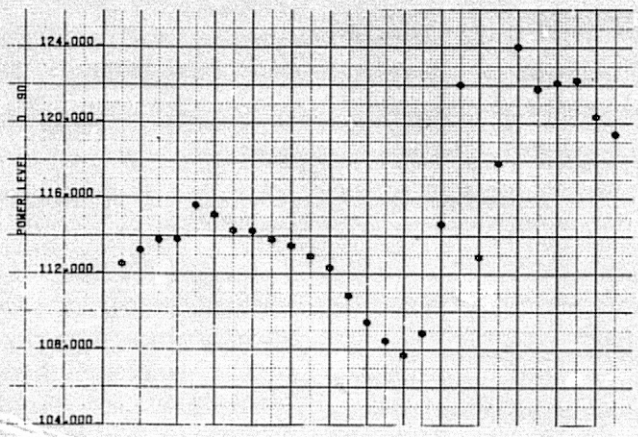


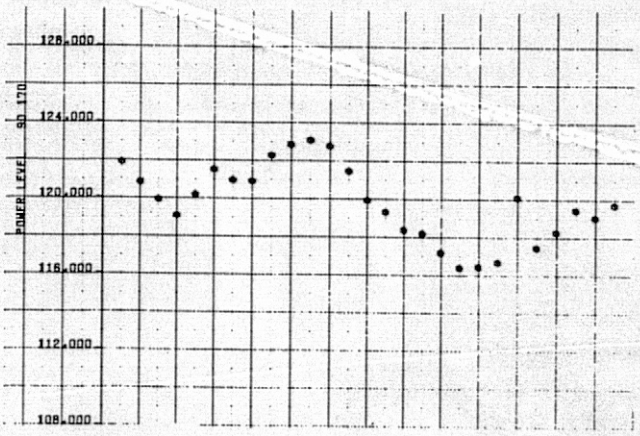


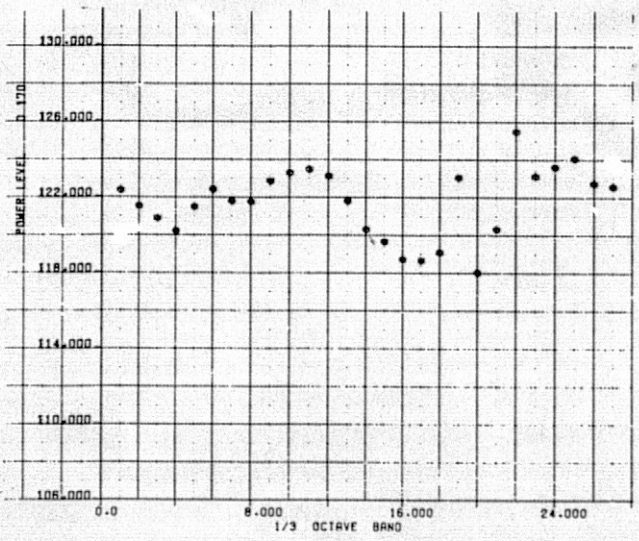




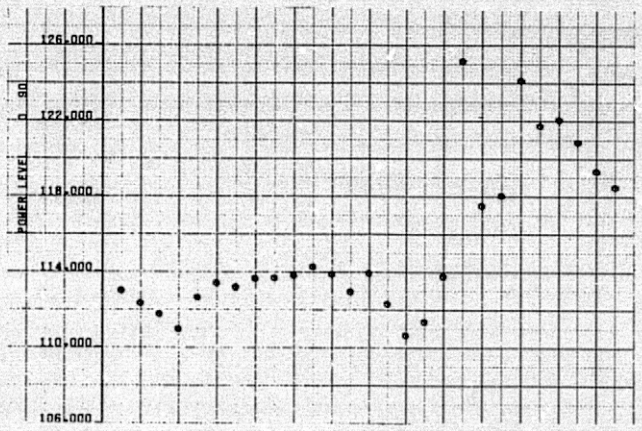
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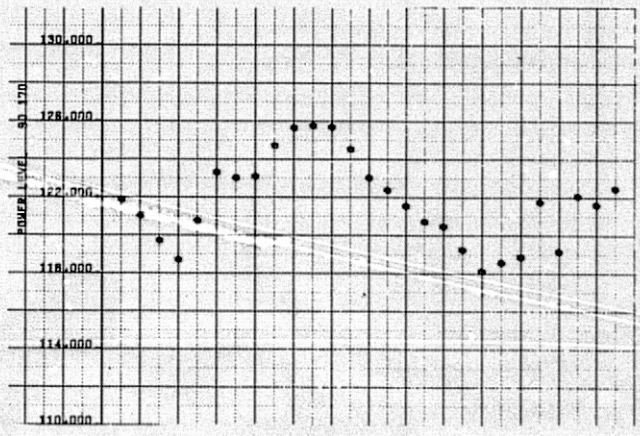


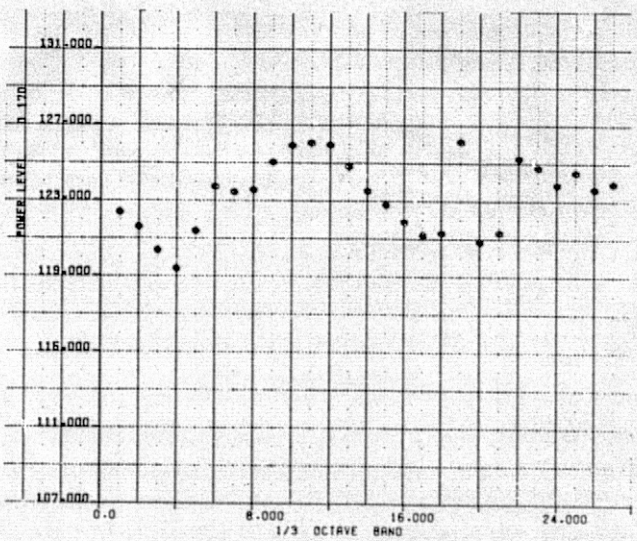




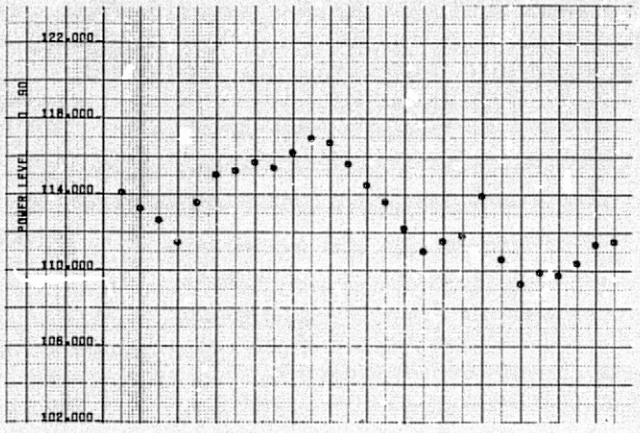
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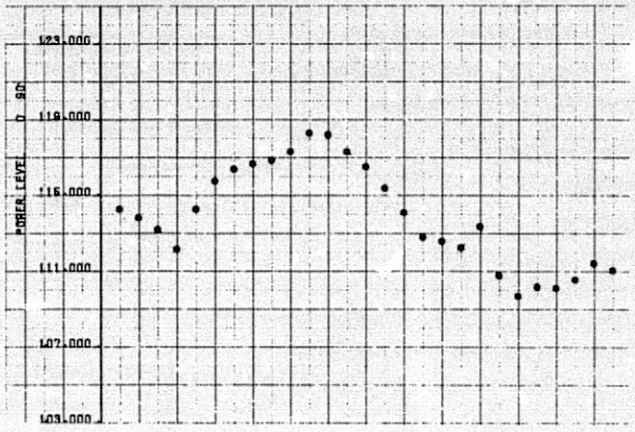


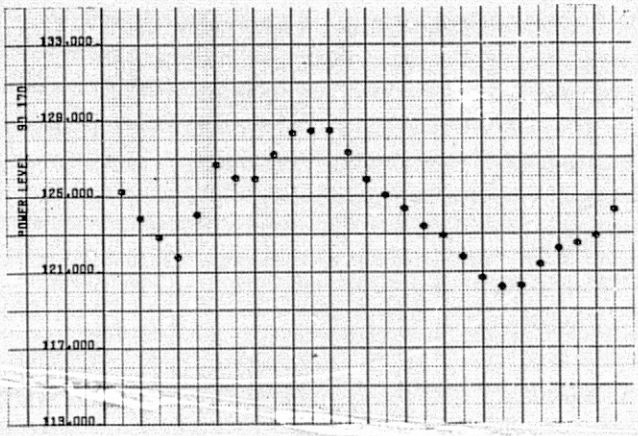


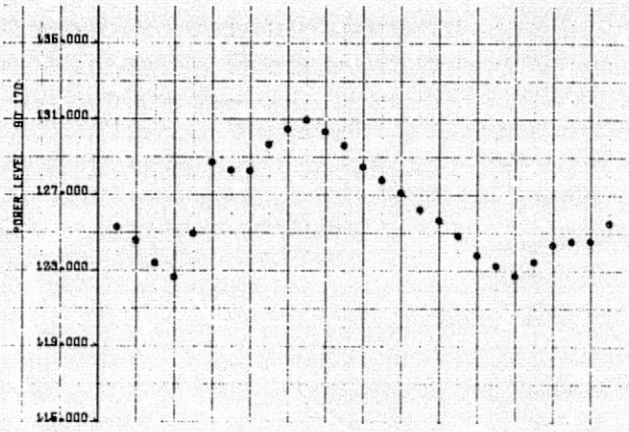
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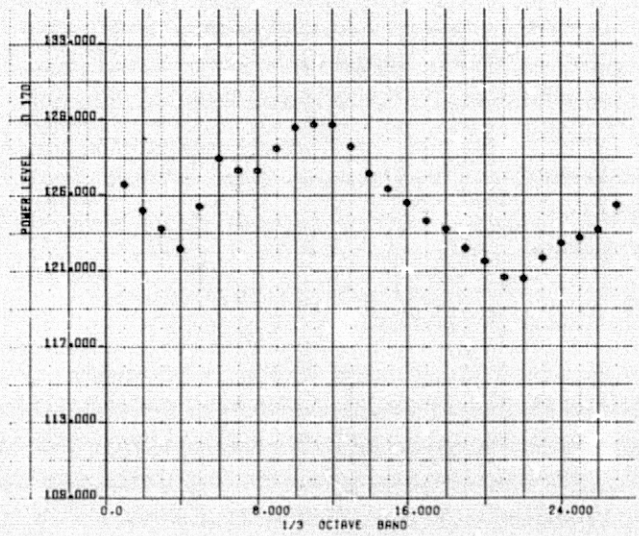


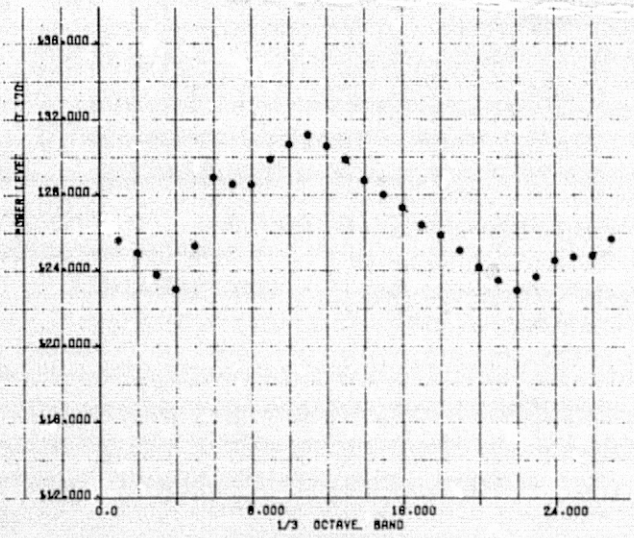
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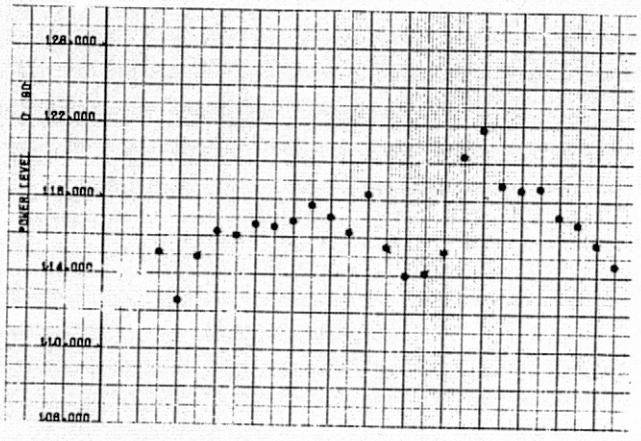




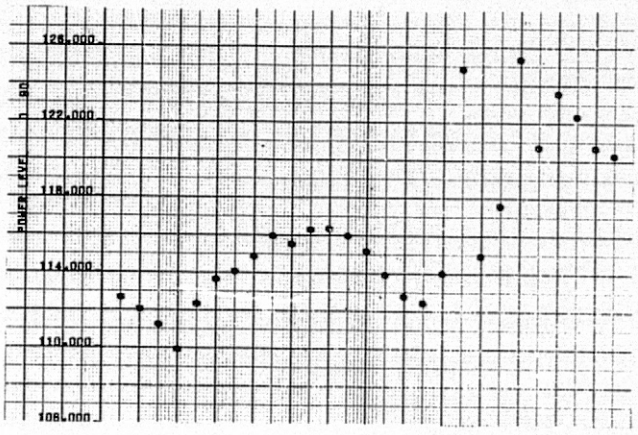


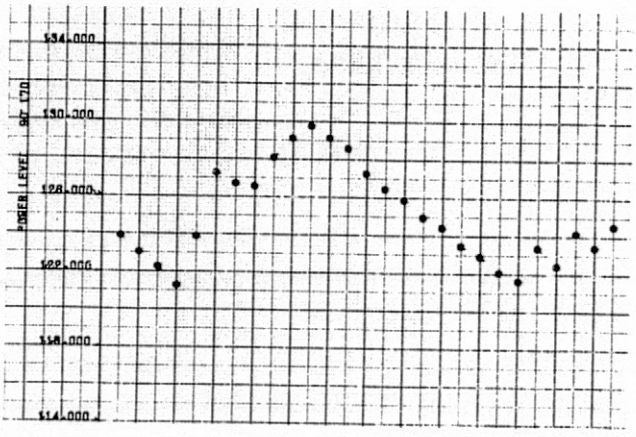
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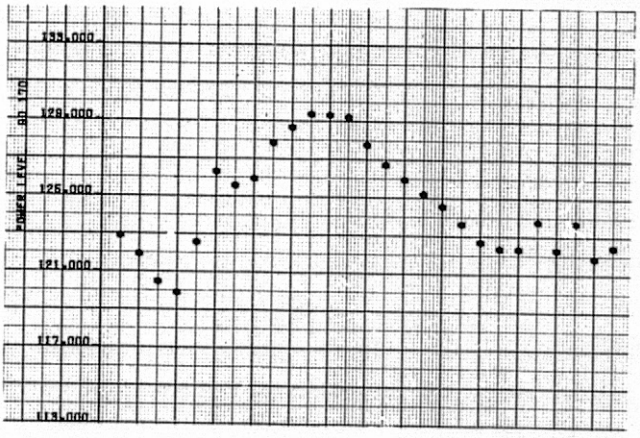
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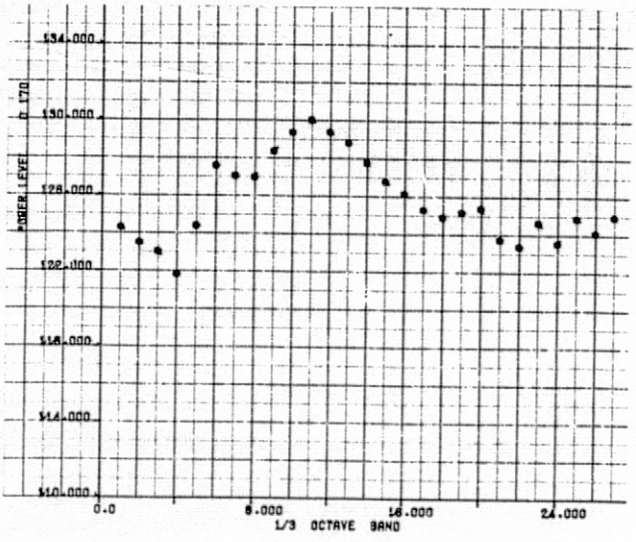


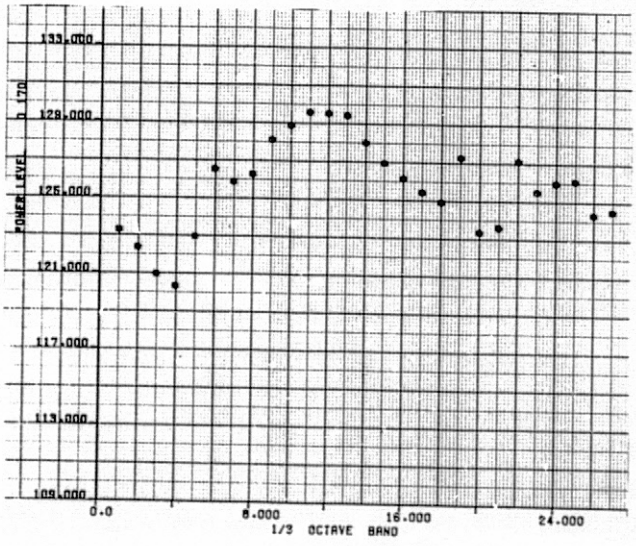
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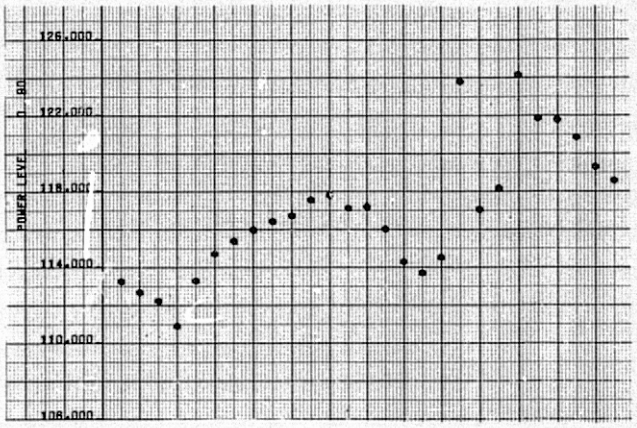


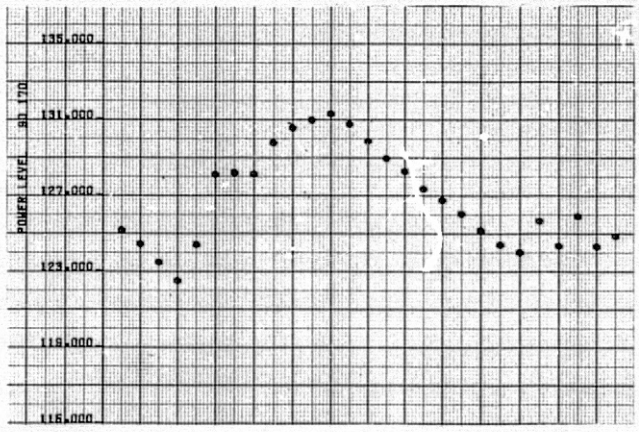


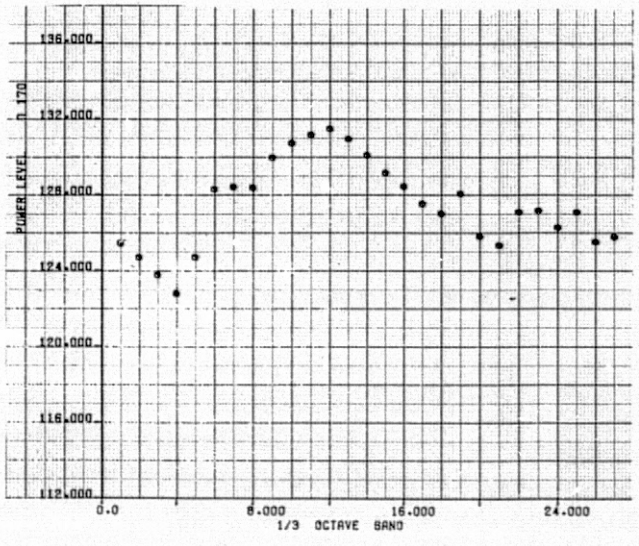




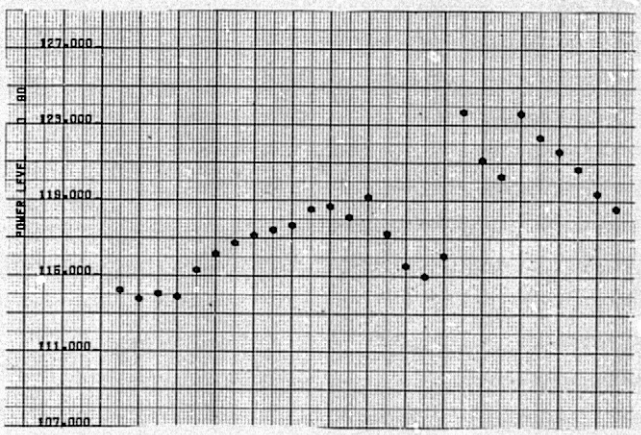
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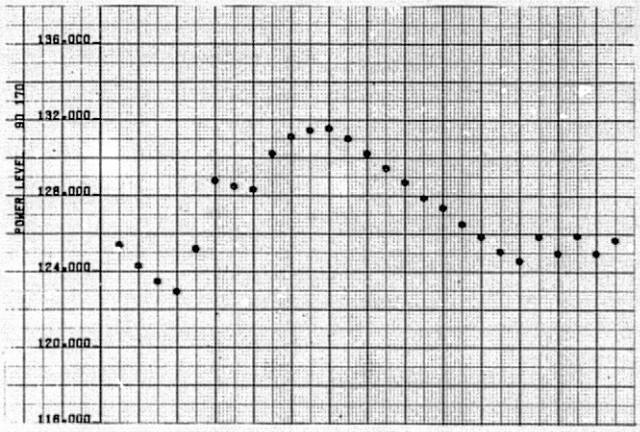


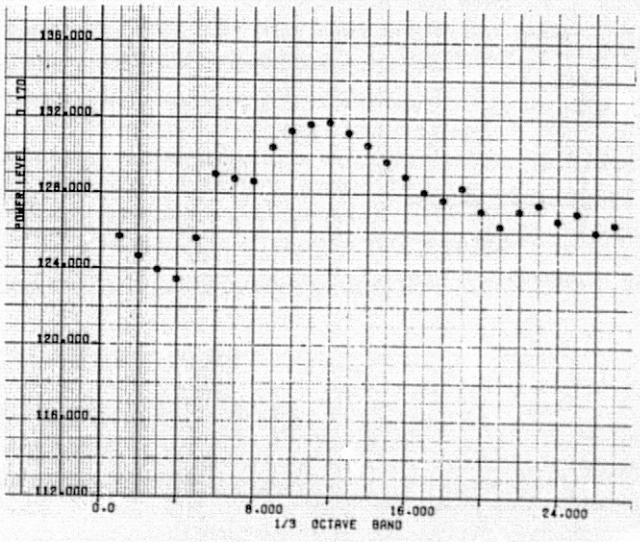




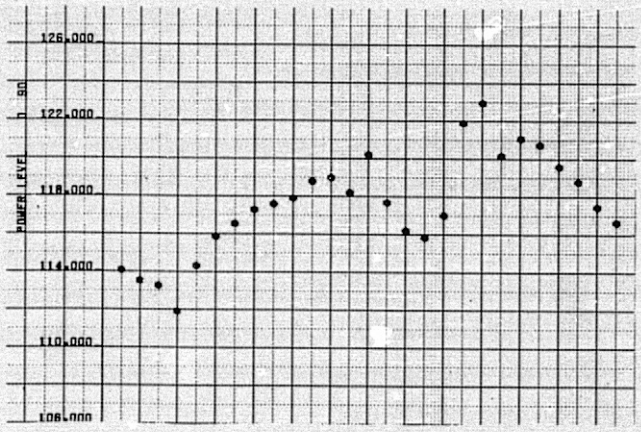
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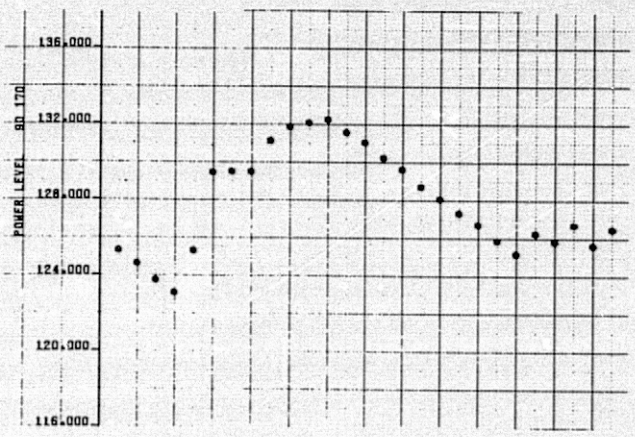


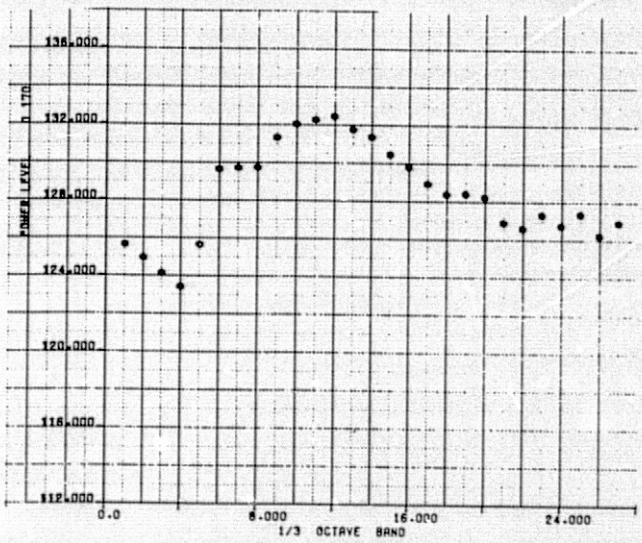




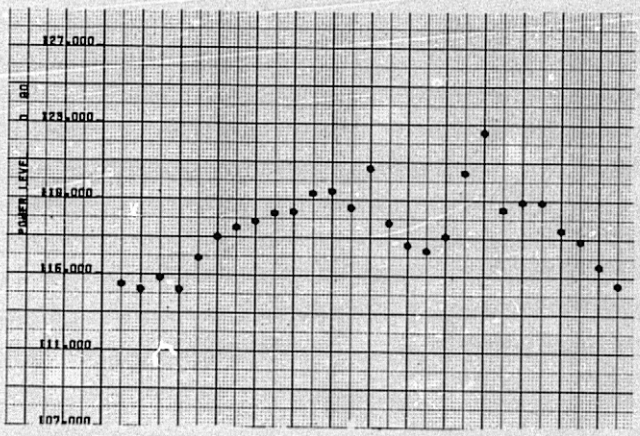
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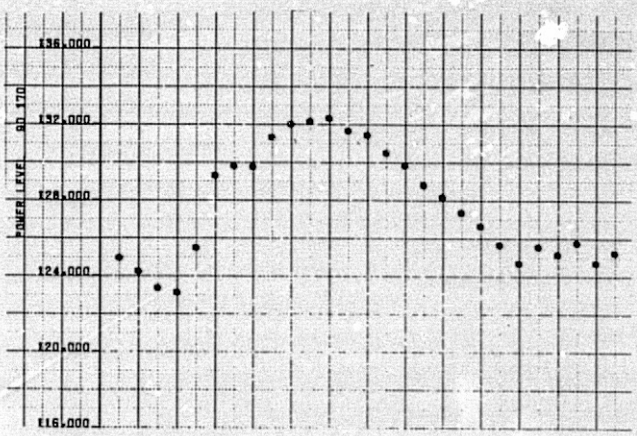


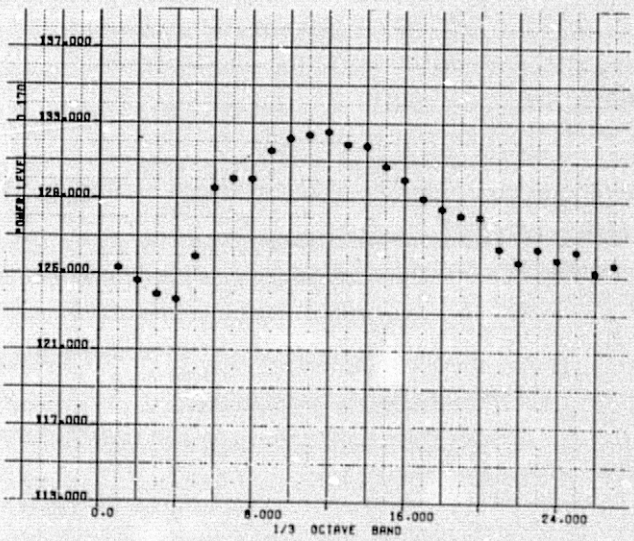




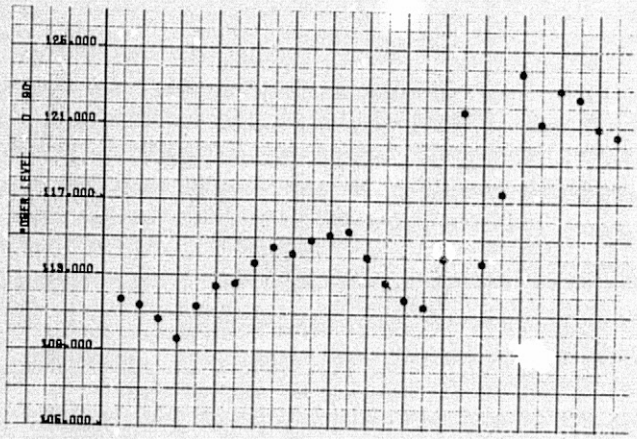
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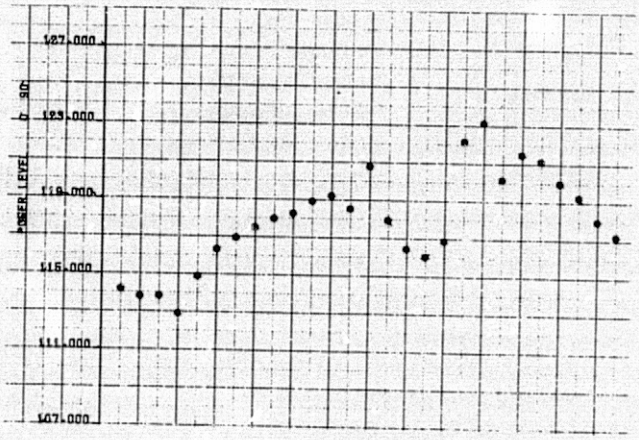


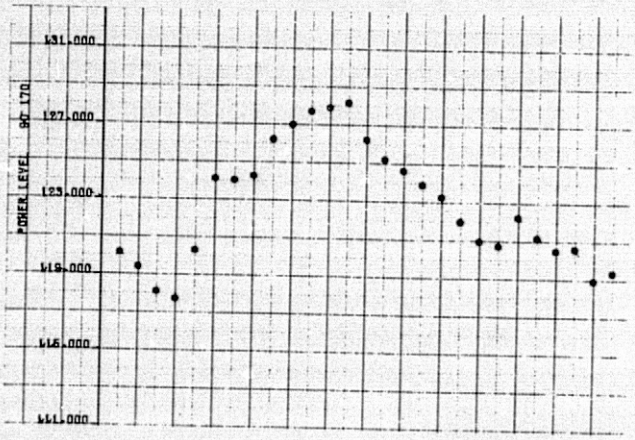


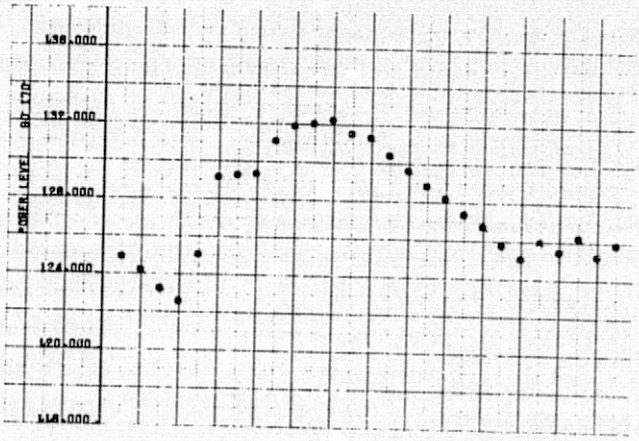
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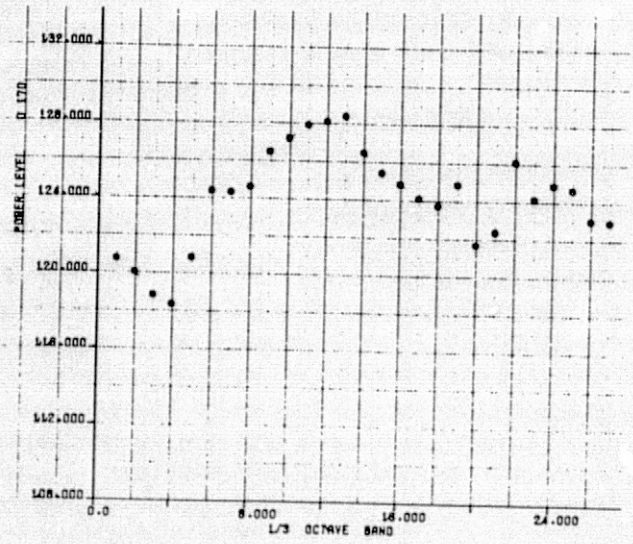


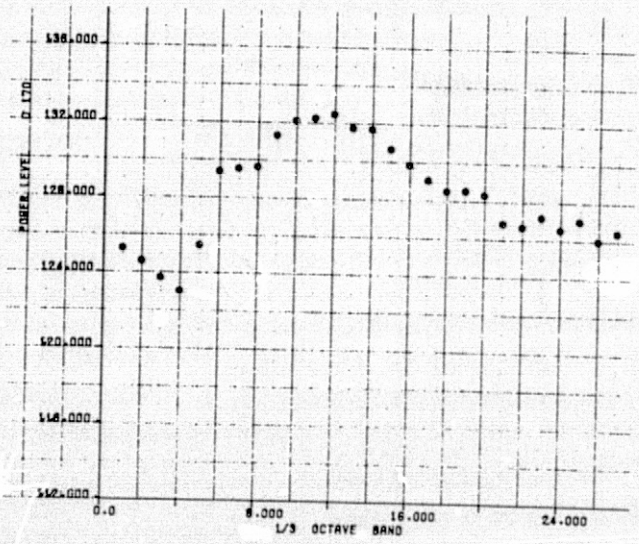
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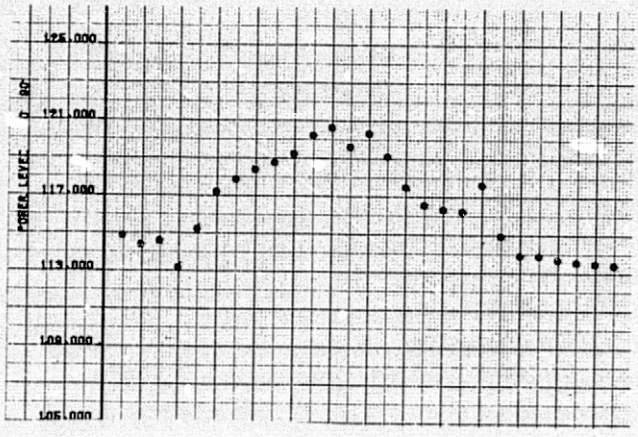


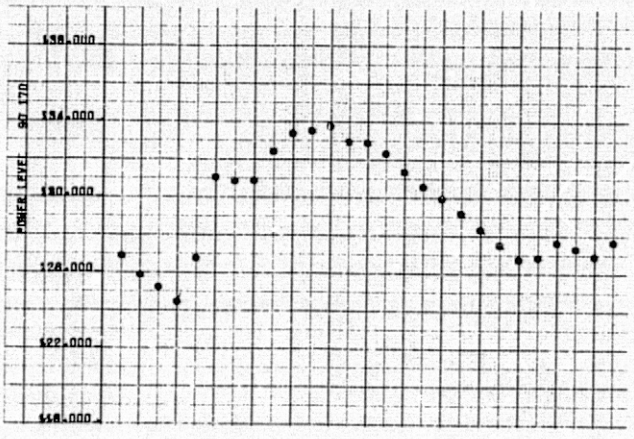


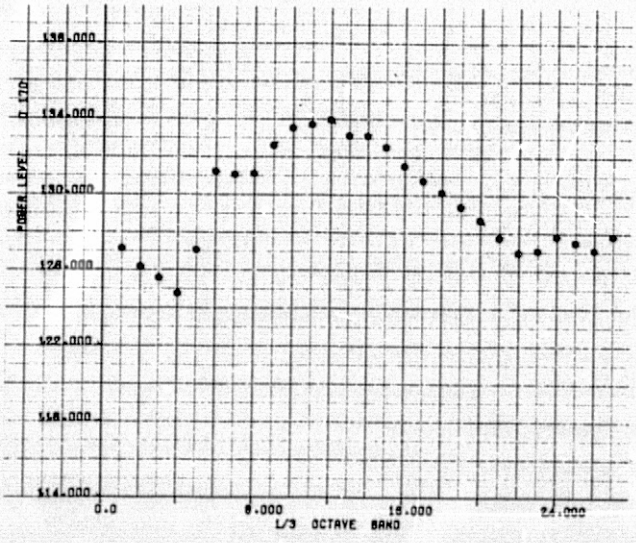


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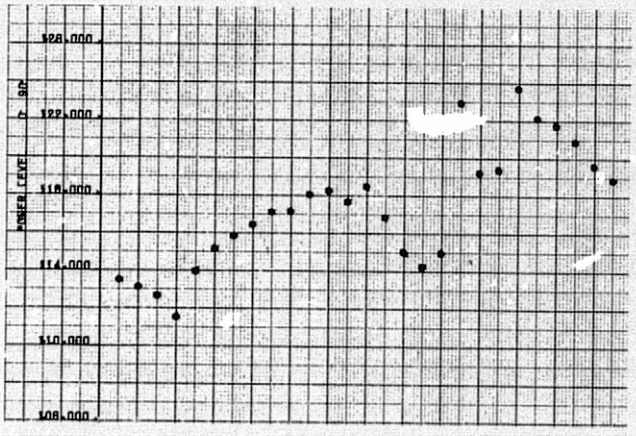
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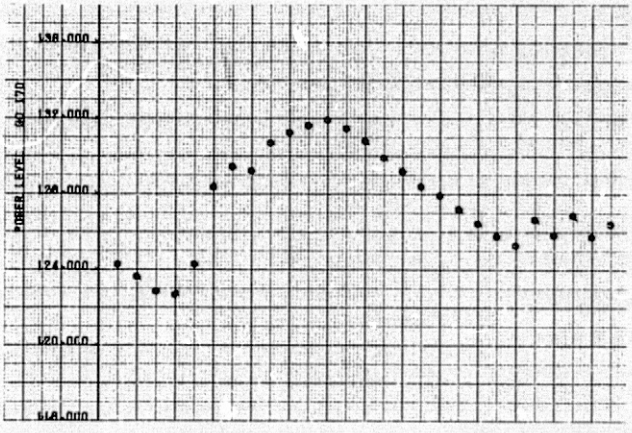


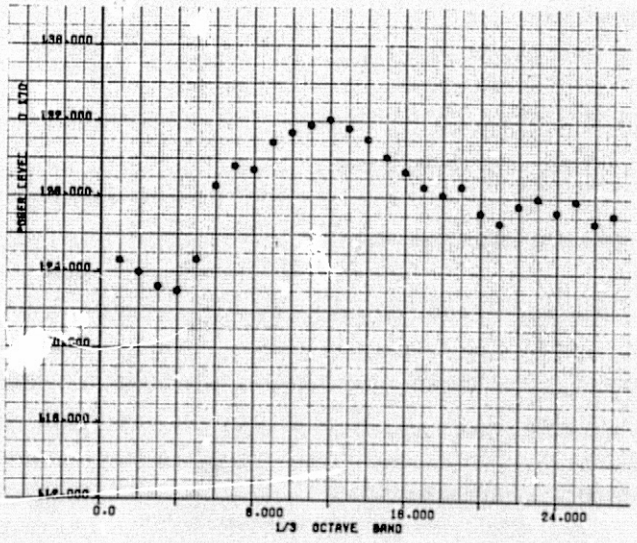




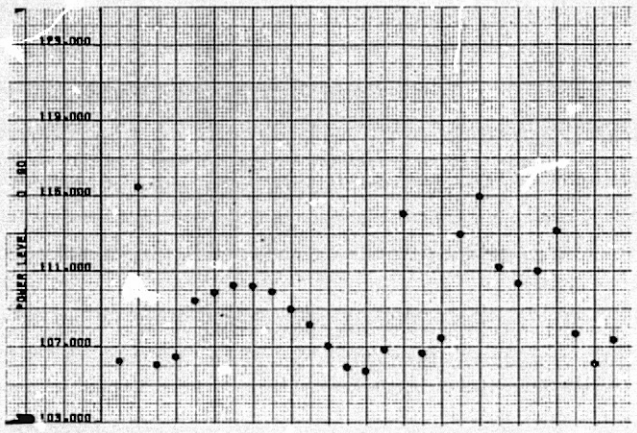
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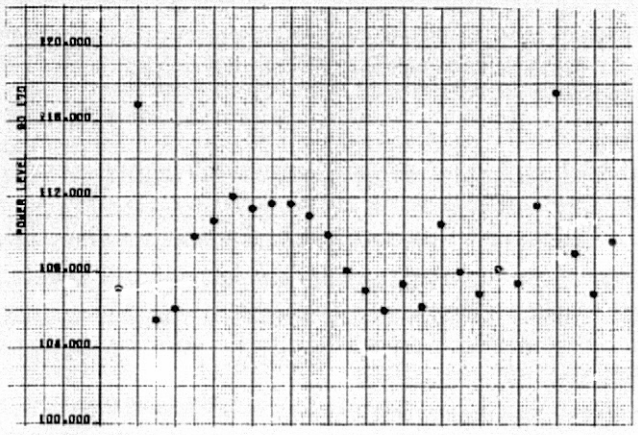


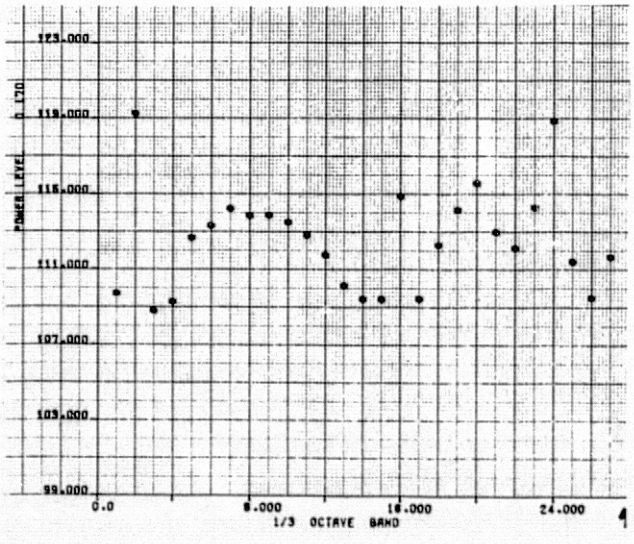




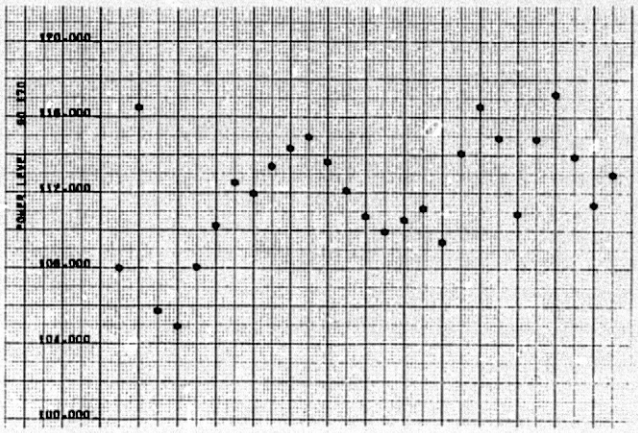
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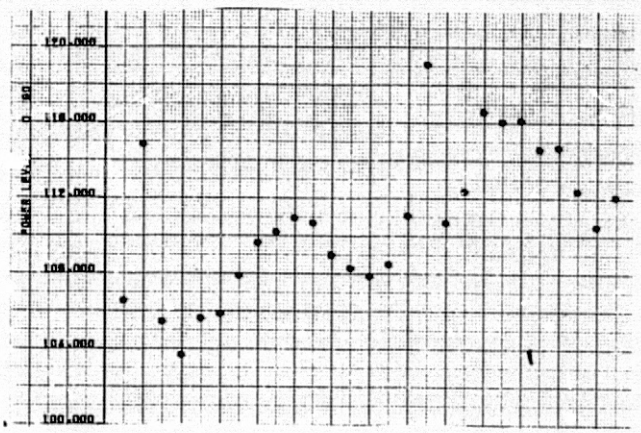


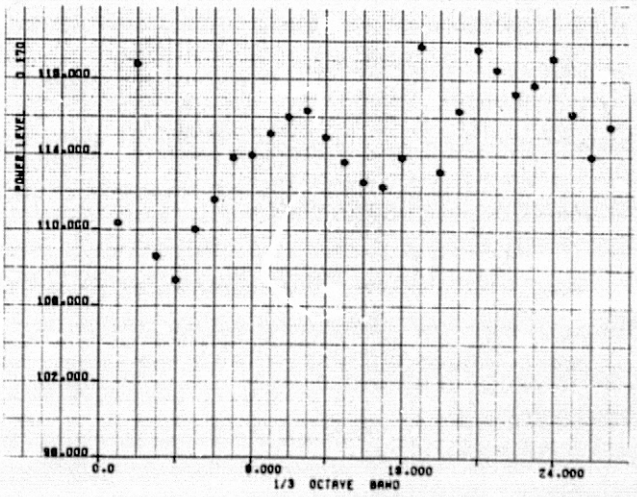




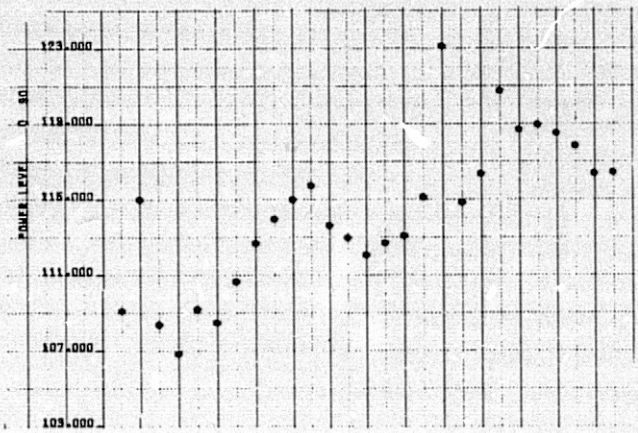
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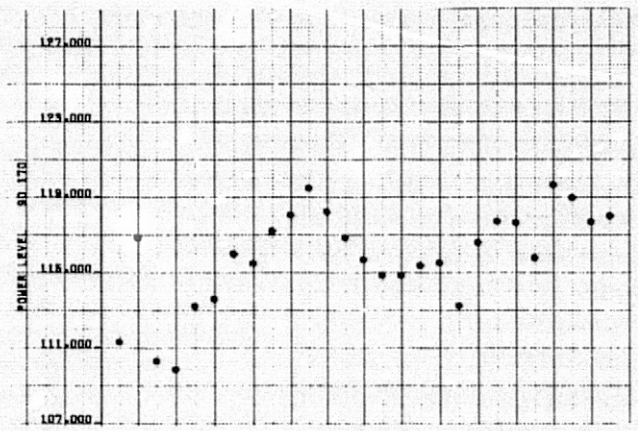


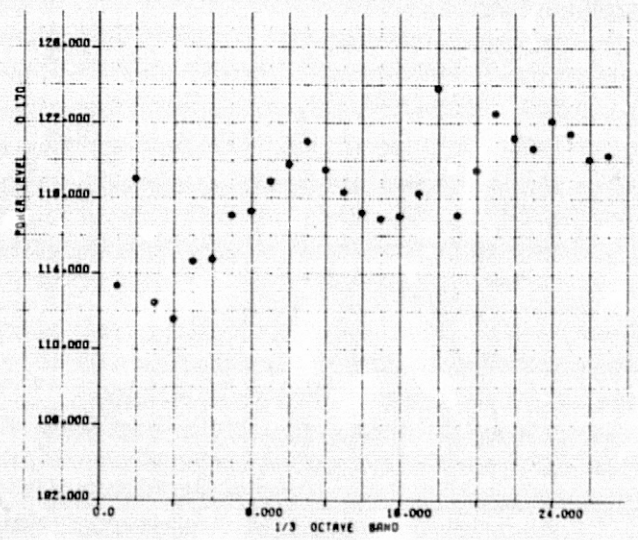




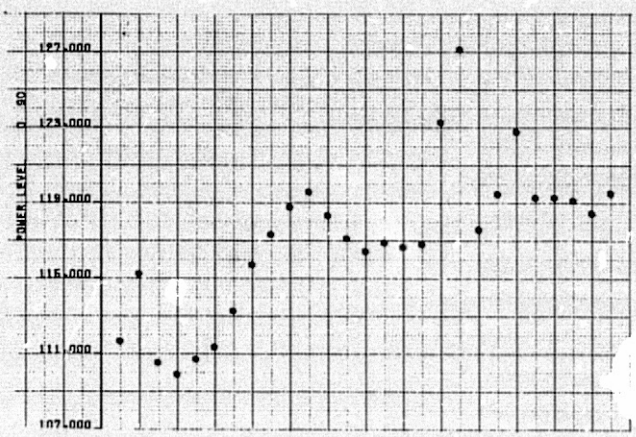
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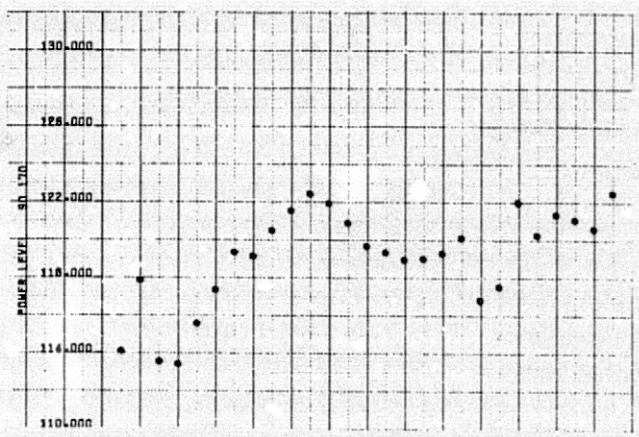


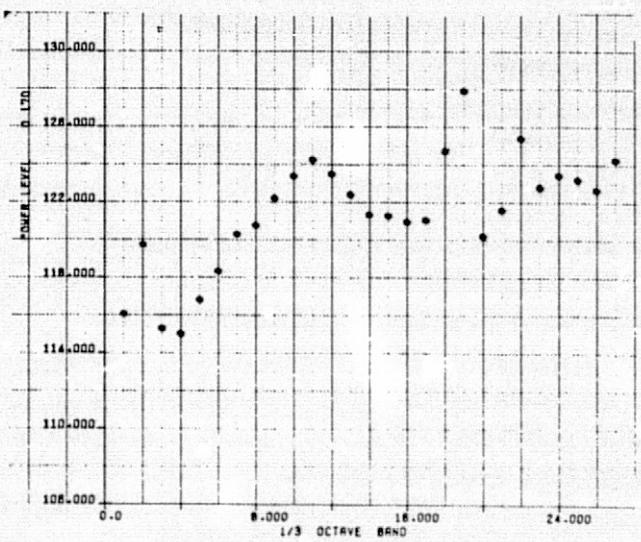




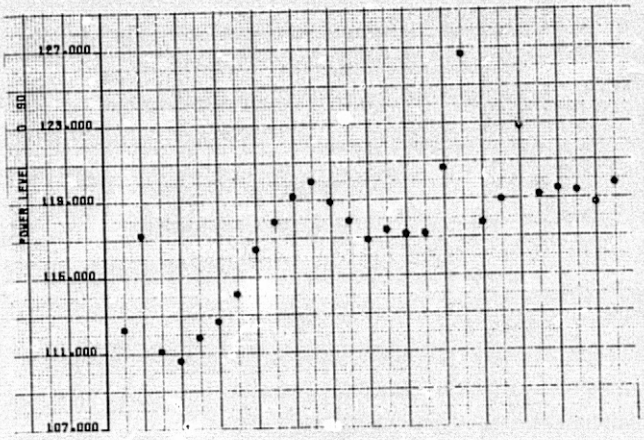
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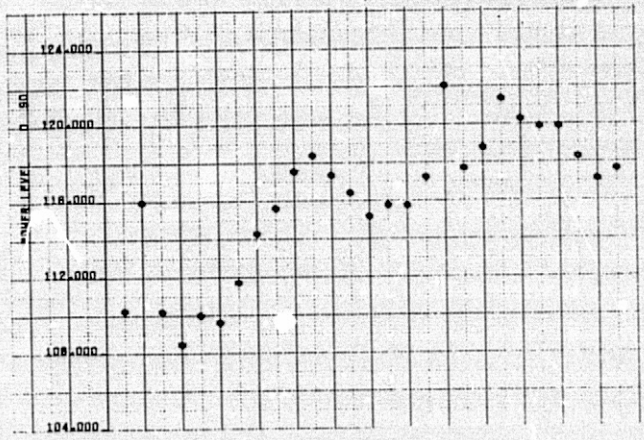


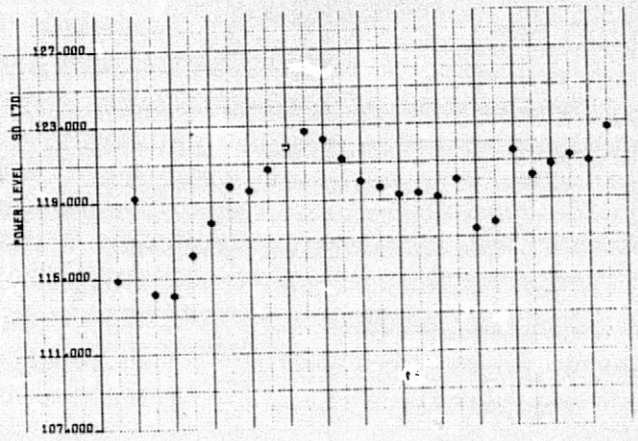


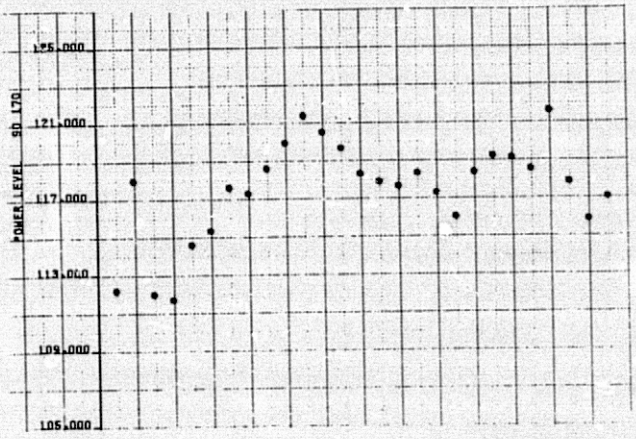
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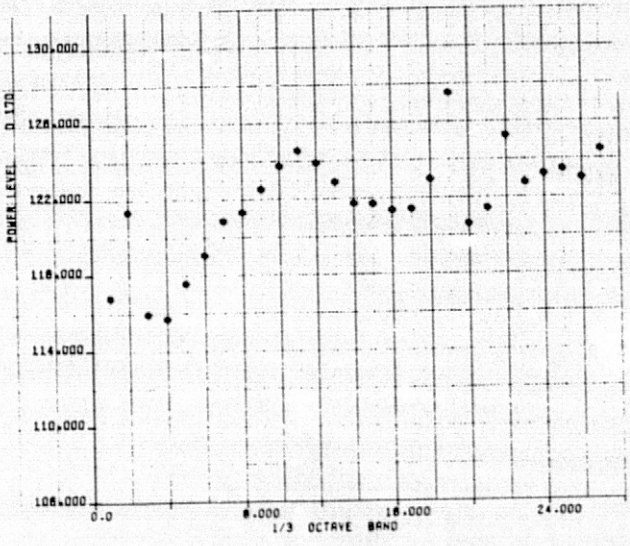


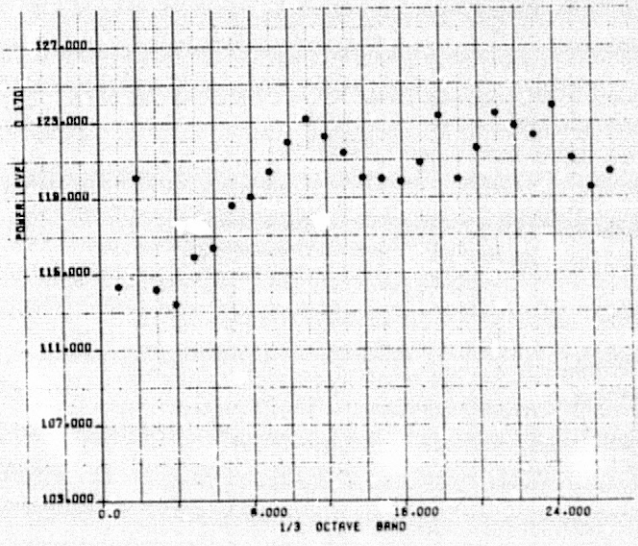
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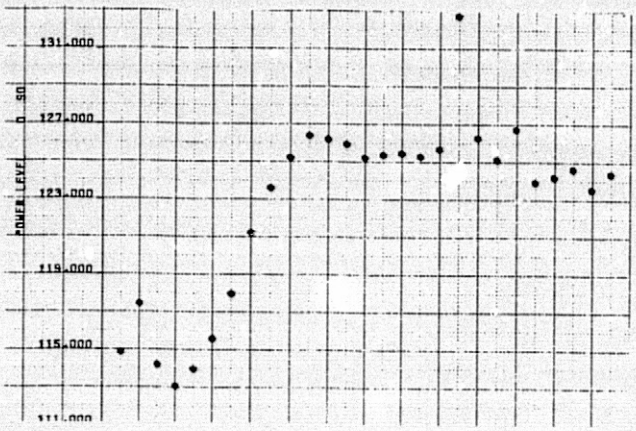




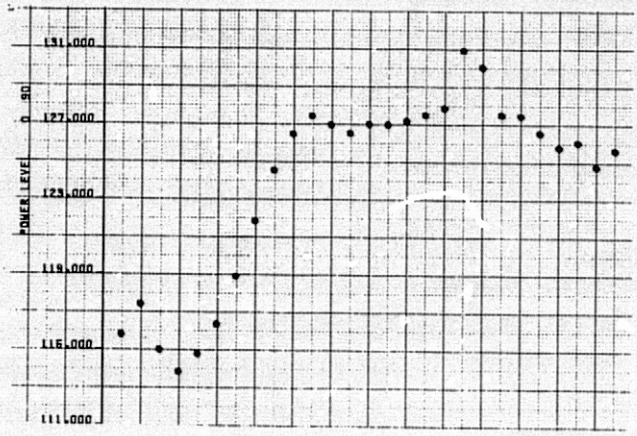


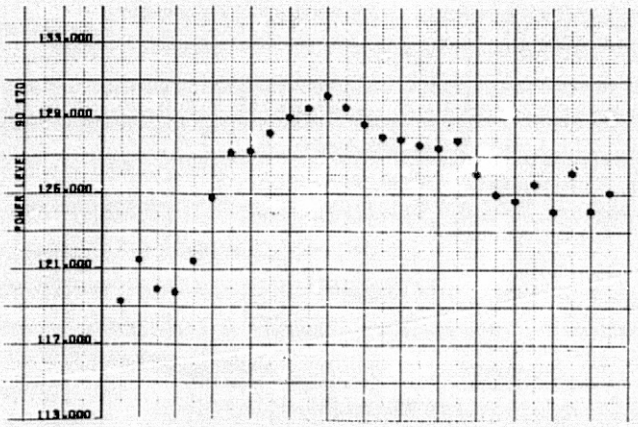
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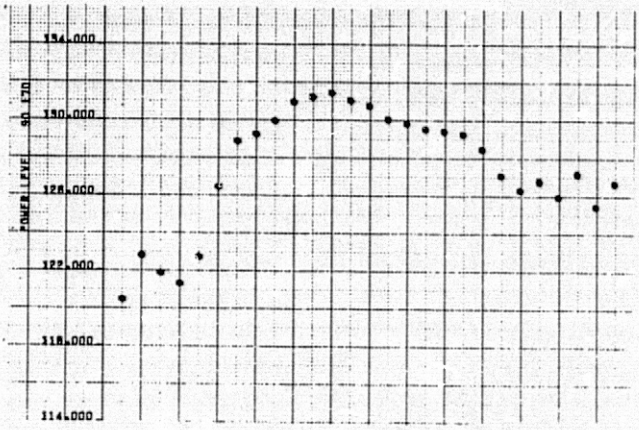
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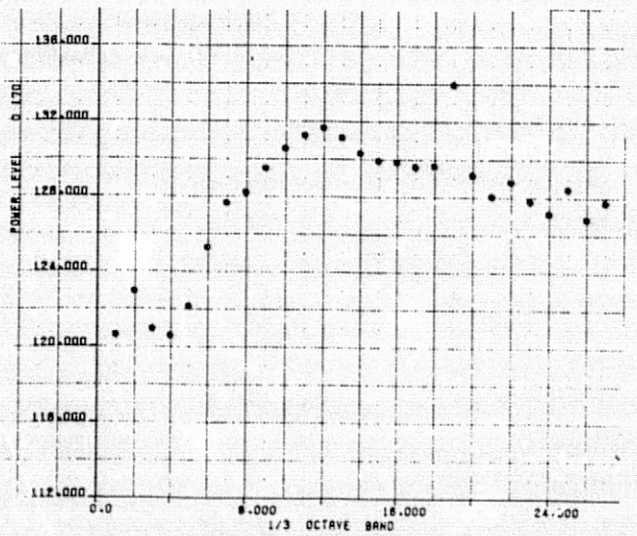


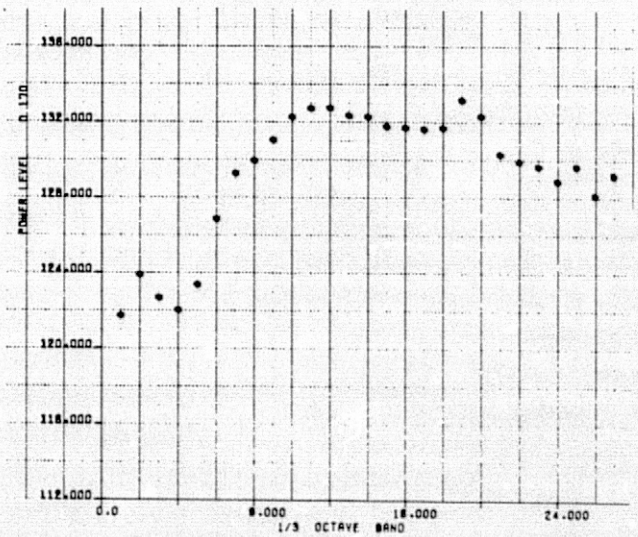
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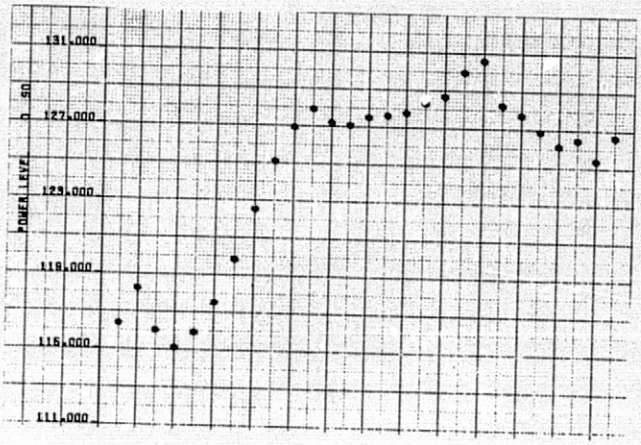




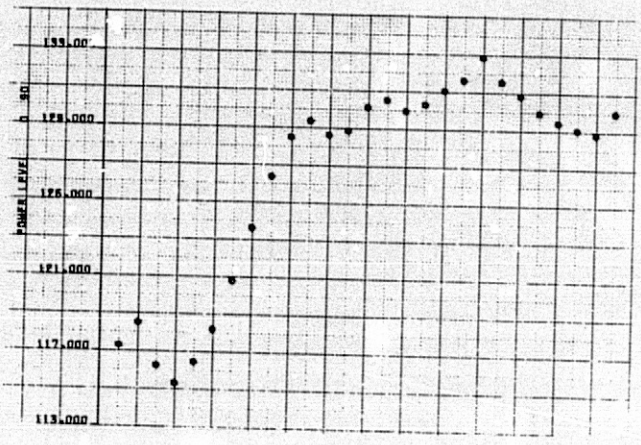


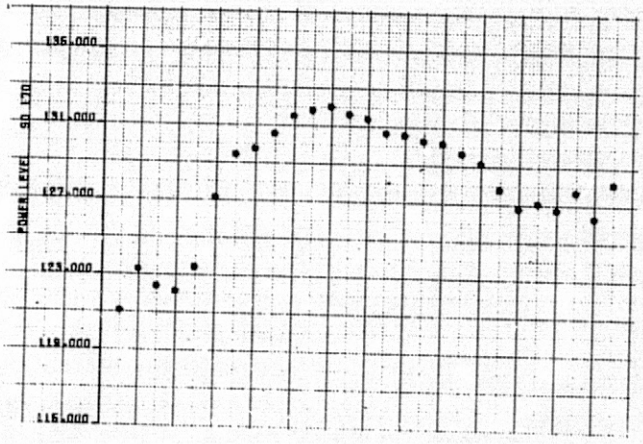


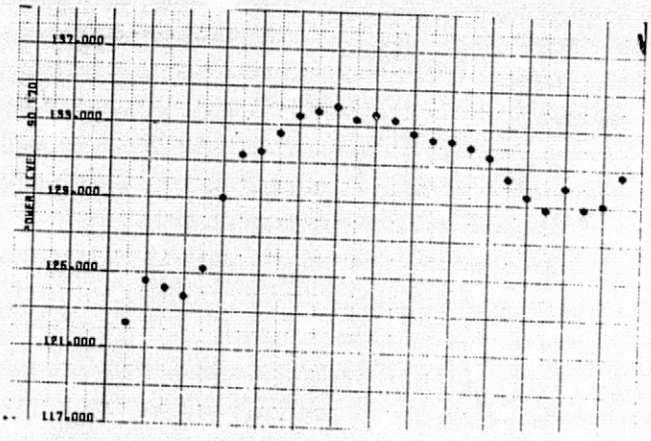
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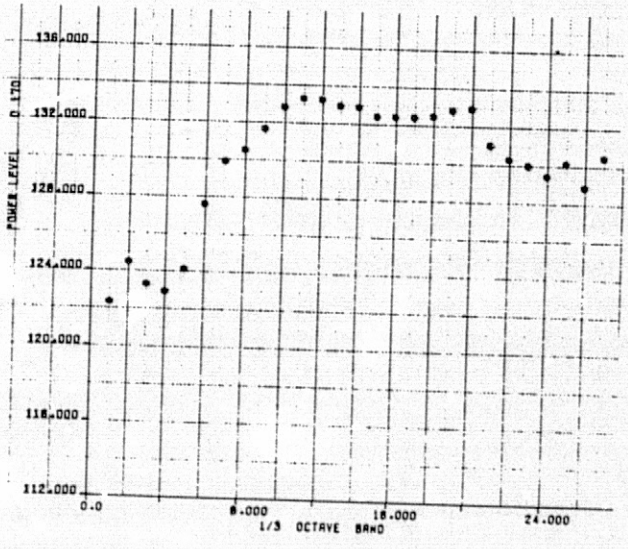


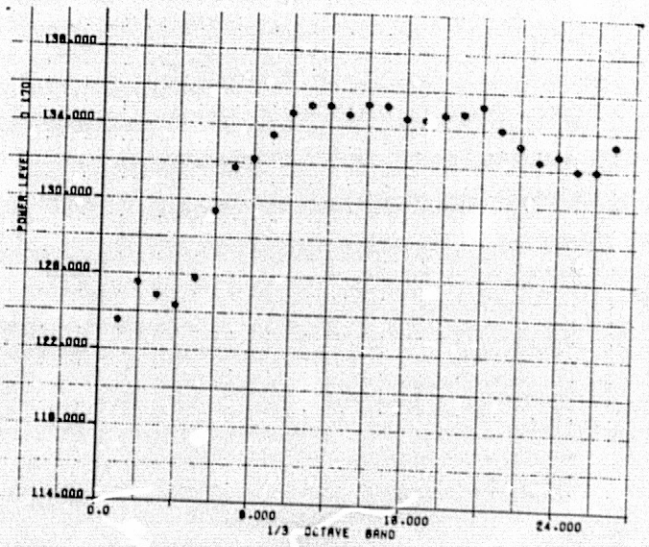
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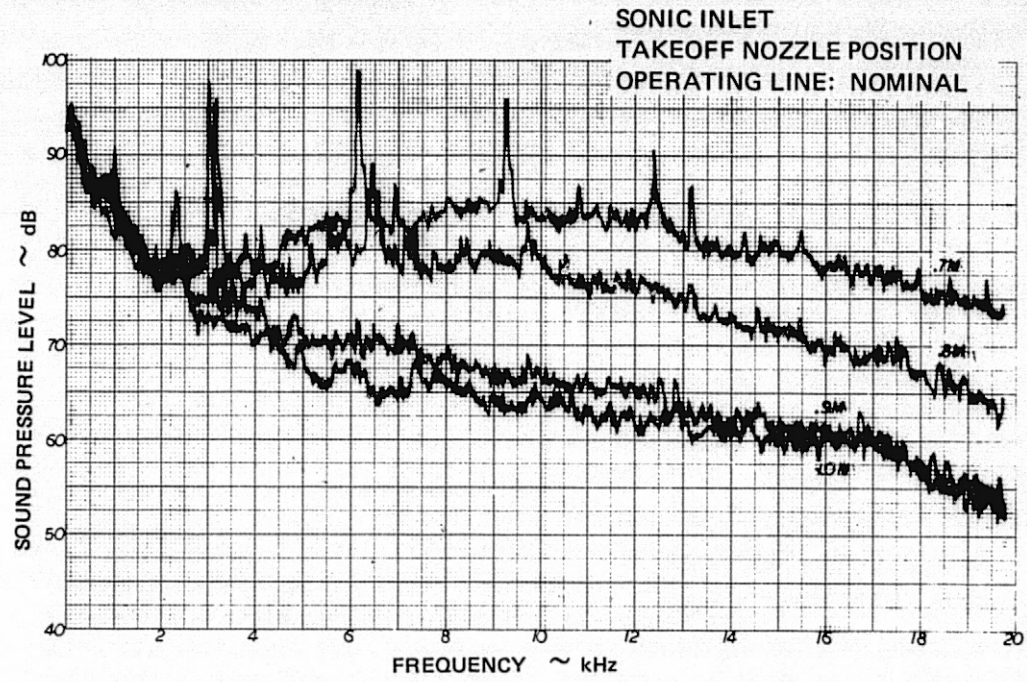


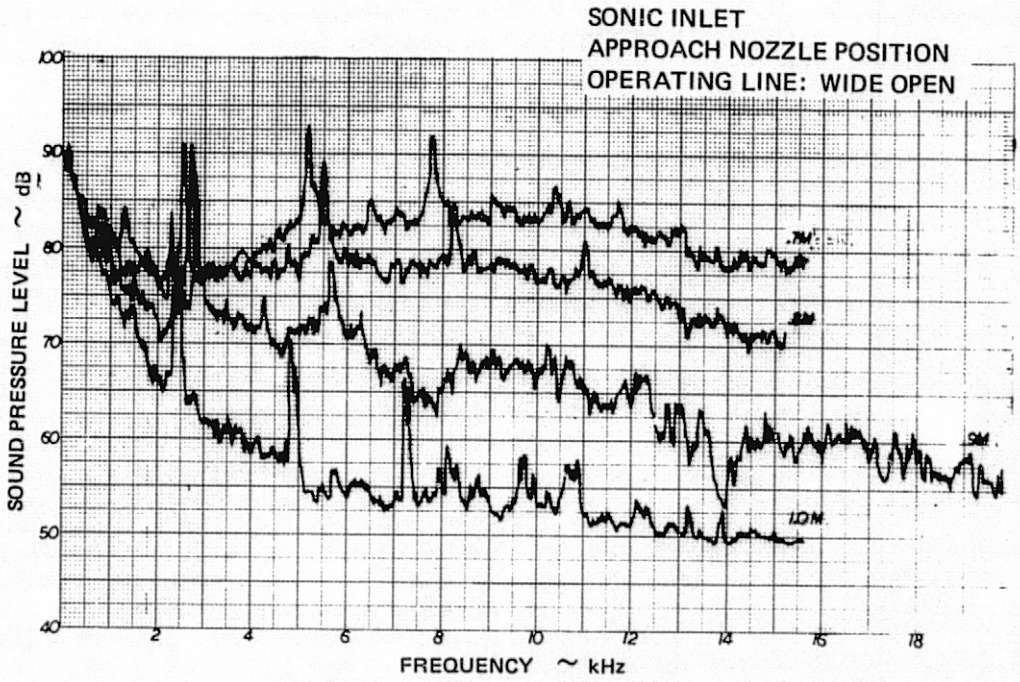




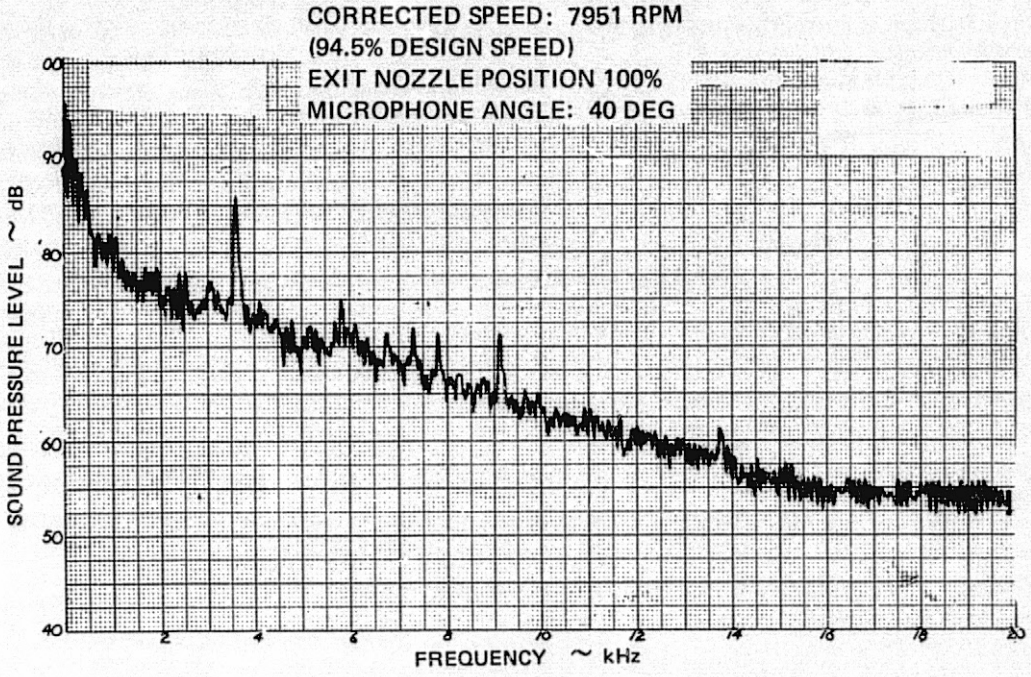


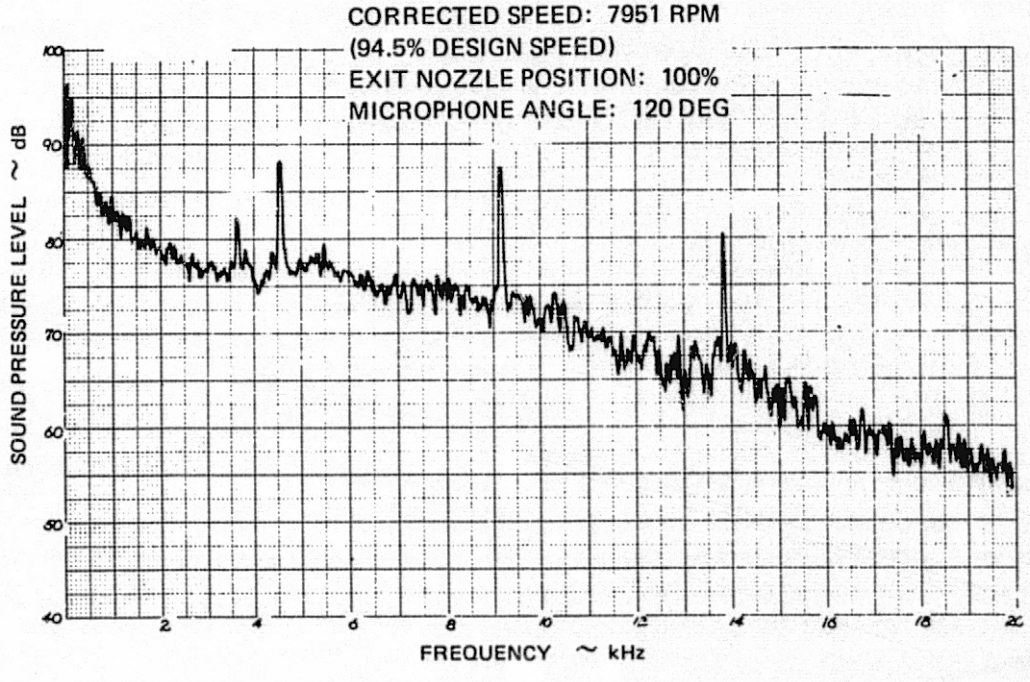
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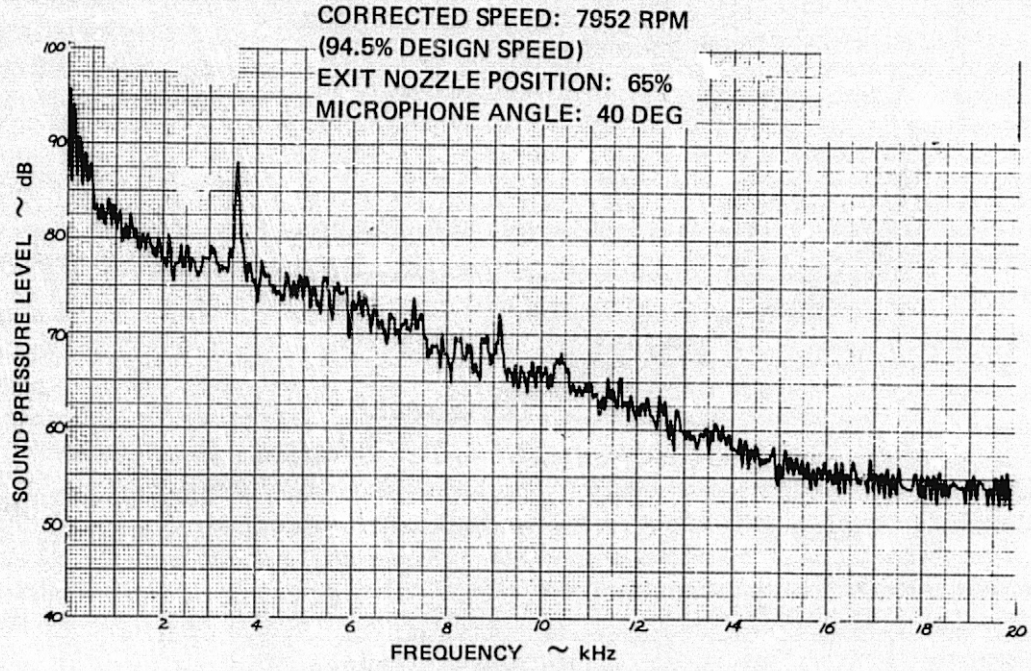


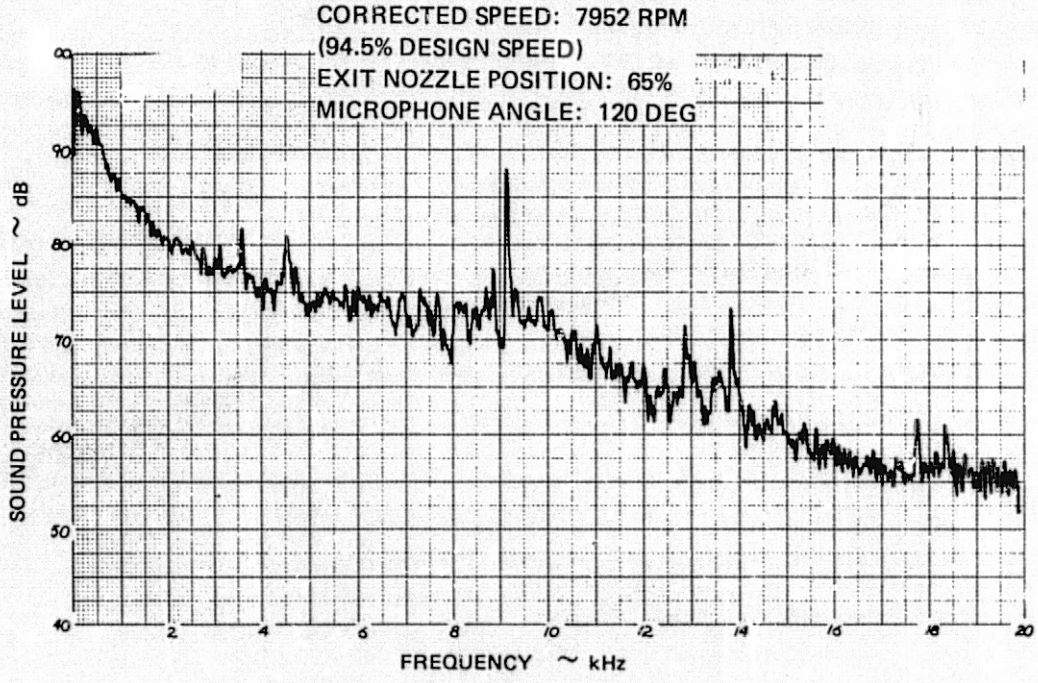


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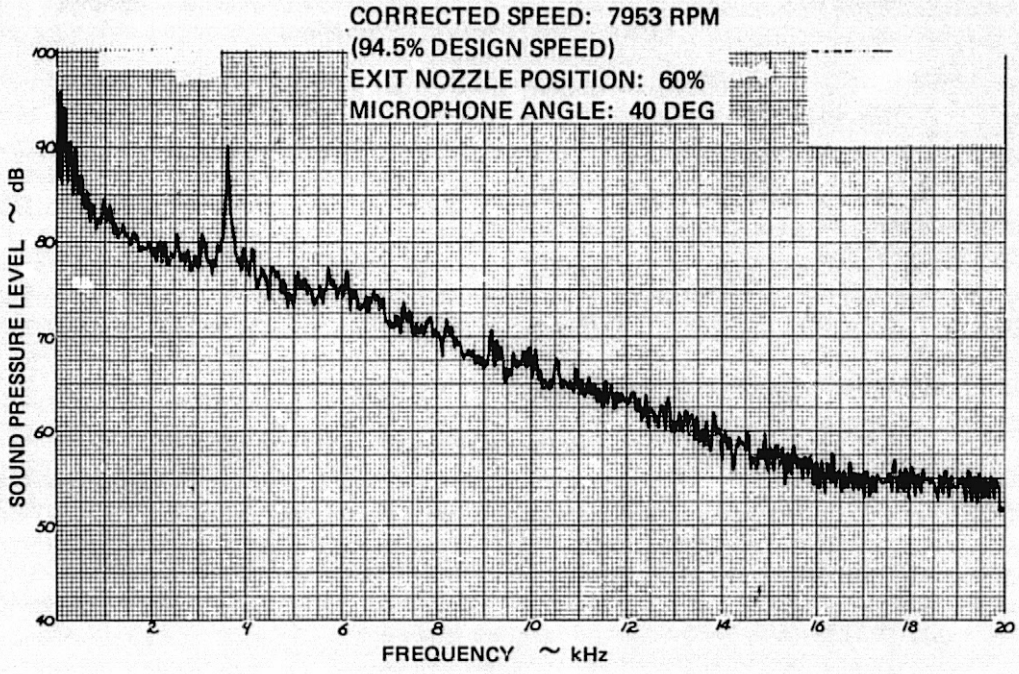

CORRECTED SPEED: 7951 RPM
(94.5% DESIGN SPEED)
EXIT NOZZLE POSITION 100%
MICROPHONE ANGLE: 40 DEG
SOUND PRESSURE LEVEL ~ dB
FREQUENCY ~ kHz

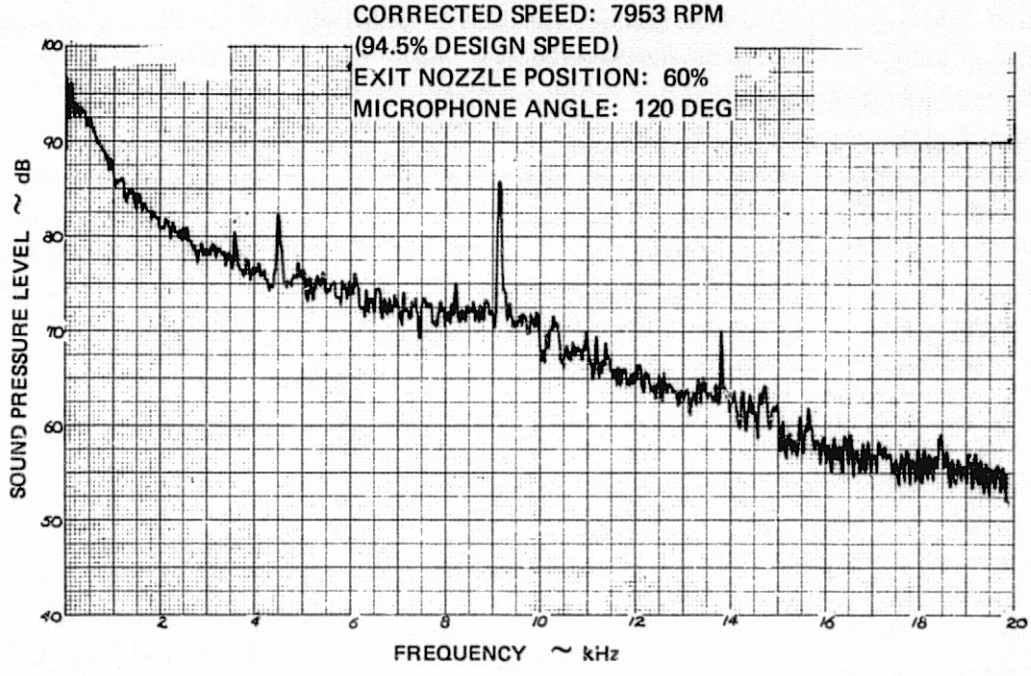

CORRECTED SPEED: 7951 RPM
(94.5% DESIGN SPEED)
EXIT NOZZLE POSITION: 100%
MICROPHONE ANGLE: 120 DEG
SOUND PRESSURE LEVEL ~ dB
FREQUENCY ~ kHz

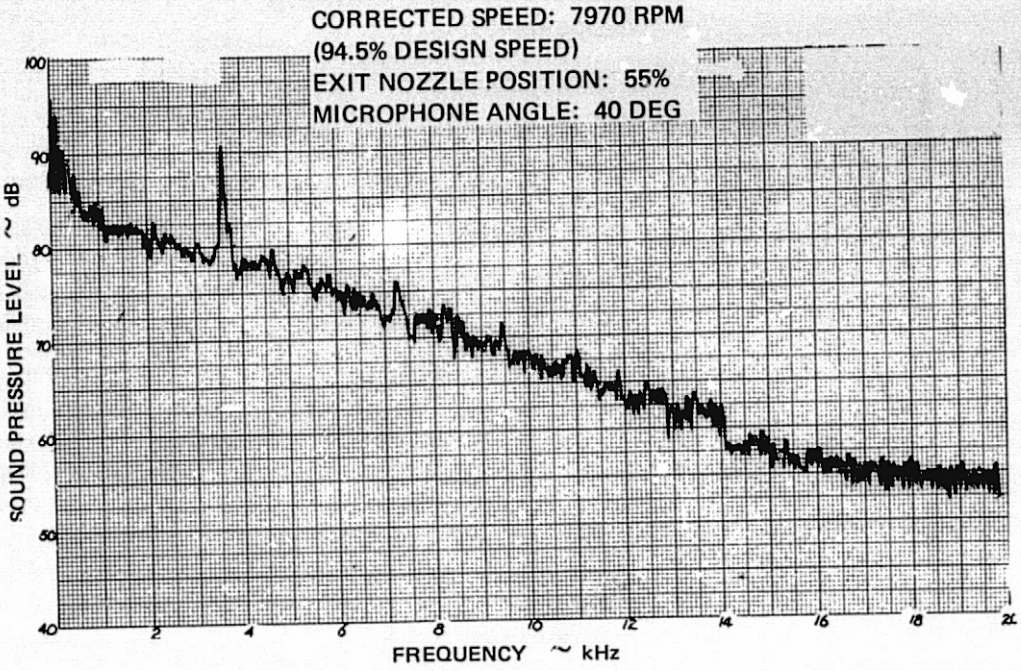


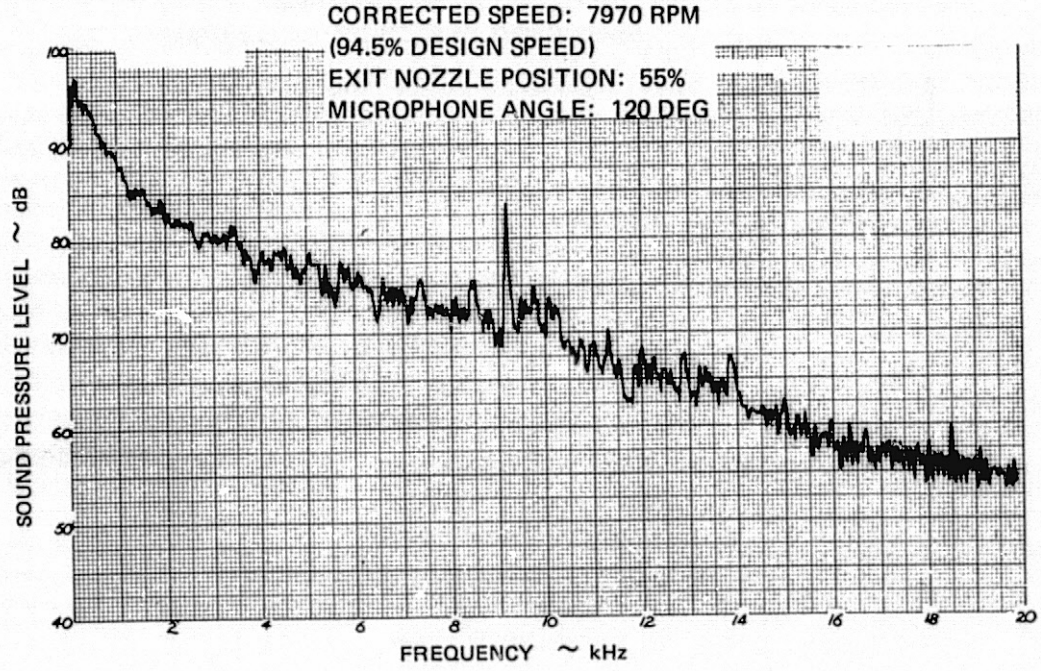


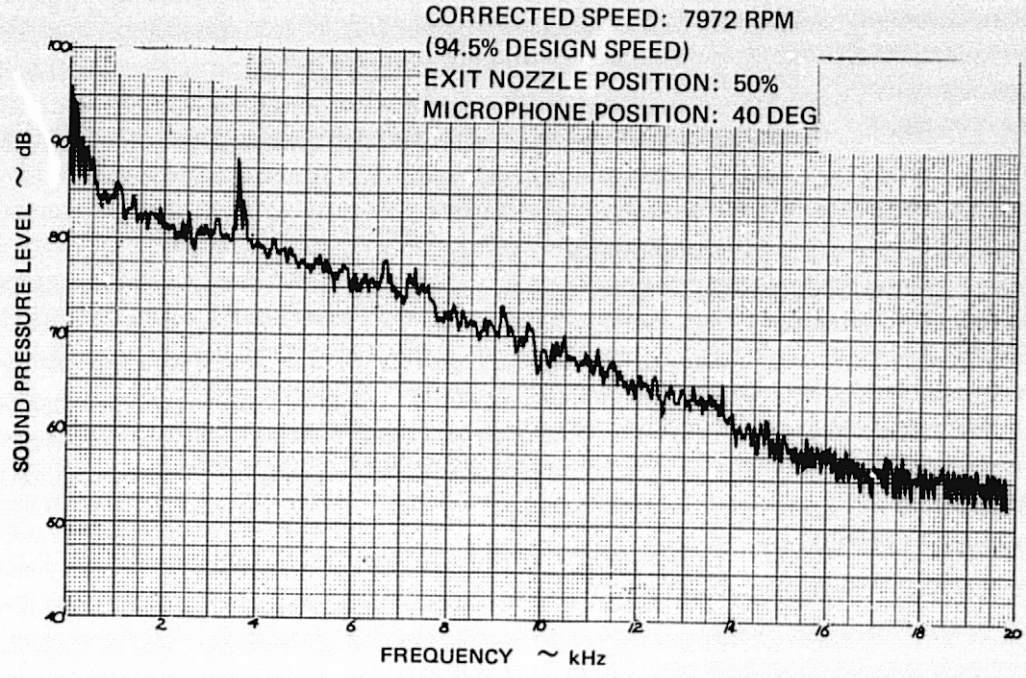
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ORIGINAL PAGE IS POOR

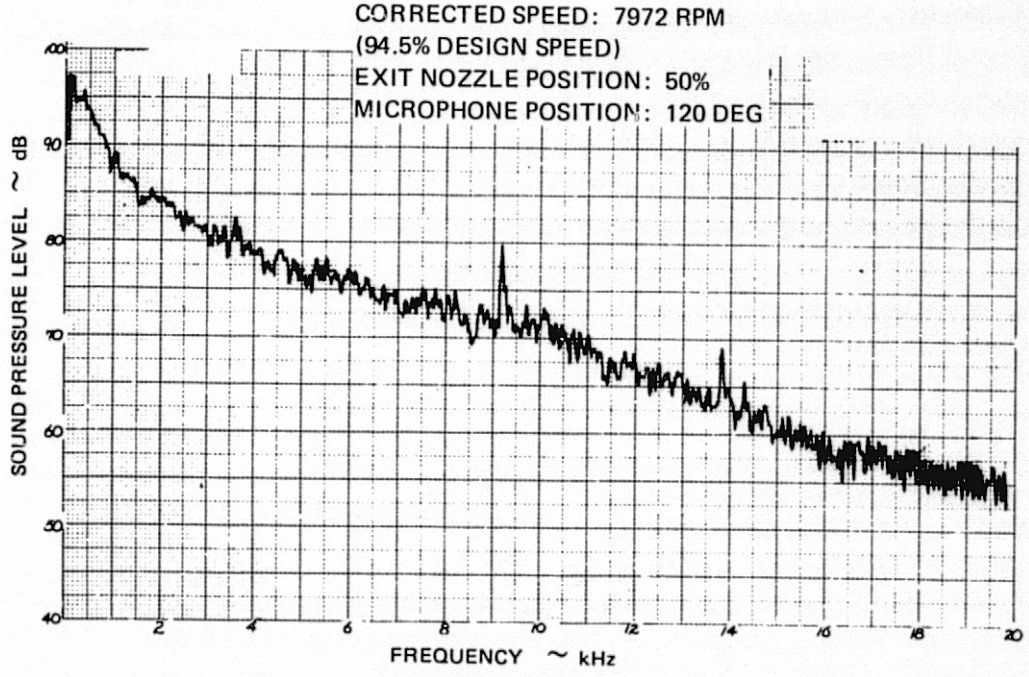

CORRECTED SPEED: 7953 RPM
(94.5% DESIGN SPEED)
EXIT NOZZLE POSITION: 60%
MICROPHONE ANGLE: 40 DEG
SOUND PRESSURE LEVEL ~ dB
100
90
80
70
60
50
40
2
4
6
8
10
12
14
16
18
20
FREQUENCY ~ kHz


CORRECTED SPEED: 7953 RPM
(94.5% DESIGN SPEED)
EXIT NOZZLE POSITION: 60%
MICROPHONE ANGLE: 120 DEG
SOUND PRESSURE LEVEL ~ dB
100
90
80
70
60
50
40
2
4
6
8
10
12
14
16
18
20
FREQUENCY ~ kHz


CORRECTED SPEED: 7970 RPM
(94.5% DESIGN SPEED)
EXIT NOZZLE POSITION: 55%
MICROPHONE ANGLE: 40 DEG
SOUND PRESSURE LEVEL ~ dB
100
90
80
70
60
50
40
2
4
6
8
10
12
14
16
18
20
FREQUENCY ~ kHz


CORRECTED SPEED: 7970 RPM
(94.5% DESIGN SPEED)
EXIT NOZZLE POSITION: 55%
MICROPHONE ANGLE: 120 DEG
SOUND PRESSURE LEVEL ~ dB
100
90
80
70
60
50
40
2
4
6
8
10
12
14
16
18
20
FREQUENCY ~ kHz


CORRECTED SPEED: 7972 RPM
(94.5% DESIGN SPEED)
EXIT NOZZLE POSITION: 50%
MICROPHONE POSITION: 40 DEG
SOUND PRESSURE LEVEL ~ dB
100
90
80
70
60
50
40
2
4
6
8
10
12
14
16
18
20
FREQUENCY ~ kHz


CORRECTED SPEED: 7972 RPM
(94.5% DESIGN SPEED)
EXIT NOZZLE POSITION: 50%
MICROPHONE POSITION: 120 DEG
SOUND PRESSURE LEVEL ~ dB
100
90
80
70
60
50
40
2
4
6
8
10
12
14
16
18
20
FREQUENCY ~ kHz

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4. Sofrin, T. G. and Riloff, N.: "Two-Stage, Low Noise Advanced Technology Fan – Volume V, Final Acoustic Report", NASA CR-134831, PWA-5305, September, 1975.

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