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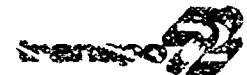
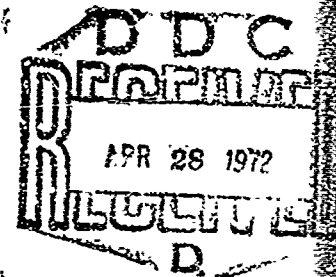
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FAN/COMPRESSOR NOISE RESEARCH

Volume III - Compilation of Test Data (I)

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16. Abstract <p>Mechanisms of fan/compressor noise generation, transmission, radiation and propagation were physically defined and mathematically described in terms of functional relationships between acoustic, geometric and aerodynamic parameters. Based on these mechanisms, analytical and semi-empirical predictions of pure tone, broadband and multiple pure tone fan/compressor noise were established in terms of sound power spectra, directivity indices and the resultant sound pressure spectra.</p> <p>Test data on a variety of fan and compressor vehicles were used to verify the basic prediction techniques and to study the impact of specific design parameters upon fan/compressor noise, including vane-blade spacing, vane and blade numbers, tip speed, blade loading, rotor sweep, inlet guide vanes and vane lean. Effects of refraction on tone directivities were measured and compared with expectations. Propagation of acoustic waves were studied, with specific experiments conducted to investigate ground reflection phase factor and atmospheric absorption at high frequencies.</p> <p>The prediction systems were summarized in terms of flow charts and tables.</p> <p>Volumes I and II contain a detailed discussion of the experimentation and analysis. Volumes III and IV are a compilation of the acoustic test data in the form of computer print-out sheets.</p>		13. Type of Report and Period Covered FINAL REPORT JUNE 1968 - OCTOBER 1971	
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ABSTRACT

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Test data on a variety of fan and compressor vehicles were used to verify the basic prediction techniques and to study the impact of specific design parameters upon fan/compressor noise, including vane-blade spacing, vane and blade numbers, tip speed, blade loading, rotor sweep, inlet guide vanes and vane lean. Effects of refraction on tone directivities were measured and compared with expectations. Propagation of acoustic waves were studied, with specific experiments conducted to investigate ground reflection phase factor and atmospheric absorption at high frequencies.

The prediction systems were summarized in terms of flow charts and tables.

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INTRODUCTION - APPENDICES A-C

Appendices A-C contain the processed data from each test vehicle configuration, in the form of the computer print-out sheet. The acoustic data presented on these sheets consists of 1/3 octave sound pressure level at each angle and 1/3 octave sound power level for frequencies of 50 to 10K Hz, overall sound pressure level and perceived noise level at each angle, overall sound power level, and the directivity index. A detailed explanation of the terminology is presented in the following pages. All data has been corrected for standard day atmospheric absorption conditions. The data for D/V I (Appendix A) is at a 250 foot radius only; the data for D/V II and D/V III (Appendices B-C) is at both a 250 foot and a 150 foot radius.

LEGEND - APPENDICES

The printouts in Appendices A-C are easily interpreted with the assistance of the pertinent nomenclature explanations. Basically, these are as follows:

RADIAL, RADIAL DISTANCE	Arc distance in feet
VEHICLE	Engine identification
CONFIG	Engine configuration
LOC	Test Location - Peebles Proving Grounds (P.P.G.)
T/D, DATE	Date of test - month/day/year
R/D	Date of Reduction of Data month/day/year
RUN	Engine run number
RDG	Number of each reading for particular run
BAR, BAR PRESSURE	Barometric Pressure in inches of mercury
TAMB, AMBIENT TEMP (°F)	Dry Bulb Ambient Temperature, degrees Fahrenheit
TWET, WET-BULB TEMP	Wet Bulb Ambient Temperature, degrees Fahrenheit
HACT, ABS. HUMIDITY	Absolute humidity in grams per cubic meter
SPEED	Physical Fan Speed in revolutions per minute
CRPM	Fan speed corrected for Standard Day Temperature of 59°F
TAPE	Tape reel number on which acoustic data was recorded

Other nomenclature on each printout is explained as follows:

FREQ	Column heading for listing of 1/3 octave band center frequencies from 50 Hz to 10 KHz
ANGLES FROM INLET	Fifteen columns for each of the microphone positions. Position in degrees is listed with position in radians in parenthesis.
STANDARD DAY	All data is corrected to atmospheric absorption conditions of standard day [59°F (288.15)] 70% relative humidity
PWL	Sound power level
CASPL MEASURED	Overall sound pressure level measured with a broadband (0 - 40 KHz) filter
OASPL CALCULATED	Log summation of SPL's for each 1/3 octave band, for that particular measurement angle
OAPWL	Overall sound power level calculated by summation of power level spectra from 50 Hz to 10 KHz
PNdB	Perceived Noise Level (Reference SAE ARP 865)
DIRECTIVITY INDEX	Directivity Index, defined as the sound pressure level at a particular position and frequency minus the spaced average sound pressure level at that frequency

APPENDIX A
DATA FROM D/V I - 250 ft. arc.
(REF. VOLUME I SECTION IV)

PAGE 1 SCALE MODEL RUN 26 T/D 12/11/68 PROC. DATE - MONTH 12 DAY 20 HR. 0.3

RADIAL 250.0
VEHICLE -SM
CONFIG RUN 26
LOC PPG
DATE 12/11/68
RUN 441.
BAR 20.2
TARB 35.0
WACT 20.3
2.96164
66900
7065.4
CRPN
TAPE 18276.

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY
ANGLES FROM INLET
90.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0

FREQ. 20.0 30.0 40.0 50.0 60.0 70.0 80.0
 71.4 71.2 69.9 69.4 65.5 70.8 71.3 71.7 72.9 74.0 74.8 76.4 77.9 82.3 84.6
 65.3 70.4 69.7 73.1 69.1 69.2 70.3 72.6 72.6 73.4 74.7 79.3 78.7 81.9 83.8
 60 60.7 67.5 68.0 68.4 70.1 69.2 72.3 73.3 74.1 74.7 75.4 76.9 79.5 80.9 81.5
 109 67.1 70.2 69.5 68.0 70.3 73.6 74.8 75.6 76.9 77.5 78.8 79.9 81.4 82.9
 129 68.4 67.9 66.1 64.1 64.7 69.7 71.3 72.1 72.8 73.5 74.3 75.3 76.0 77.0
 160 65.6 66.4 63.2 62.3 61.6 65.9 67.0 68.4 69.4 70.2 70.1 71.5 71.0 72.0
 200 64.0 62.3 62.9 67.1 66.6 69.7 71.6 73.0 73.5 73.2 76.1 77.2 76.1 74.9
 250 63.3 65.7 68.6 69.7 71.6 73.0 74.1 73.5 73.5 70.2 70.2 73.8 73.0 73.0
 315 68.7 71.1 73.4 72.2 74.3 74.1 73.8 73.8 73.8 70.8 70.8 73.1 74.5 74.5
 400 68.6 72.0 73.6 72.1 74.6 74.6 74.6 74.6 74.6 71.4 71.4 73.8 74.4 73.8
 500 66.8 71.0 73.8 72.1 72.1 72.5 71.4 71.8 73.6 74.6 74.6 74.6 73.1 73.0
 630 68.3 70.9 72.2 72.0 77.3 77.3 77.3 77.3 77.3 75.8 78.4 78.7 74.6 73.8
 800 69.5 73.5 75.8 75.8 77.0 77.9 77.9 77.9 77.9 79.4 79.4 79.4 74.6 73.5
 1000 71.8 77.3 79.6 78.1 78.9 79.9 79.9 79.9 79.9 76.6 76.6 79.5 79.4 79.4
 1250 69.2 73.8 75.4 75.1 78.4 78.4 78.4 78.4 78.4 77.2 77.2 76.8 78.5 79.7
 1500 68.2 74.2 76.4 75.1 75.7 75.7 75.7 75.7 75.7 74.4 74.4 74.4 70.6 70.6
 1750 67.0 73.5 78.0 75.1 75.1 75.1 75.1 75.1 75.1 74.3 74.3 74.3 71.4 71.4
 2000 67.6 73.7 80.3 80.1 84.0 84.0 84.0 84.0 84.0 80.6 80.6 80.6 81.4 81.4
 2500 78.1 85.7 84.9 84.8 82.9 83.4 84.4 84.4 83.6 83.8 83.3 82.9 78.5 78.5
 3150 74.1 81.6 84.9 84.6 80.7 80.7 80.7 80.7 80.7 80.8 80.8 80.8 75.9 75.9
 4000 68.6 75.4 78.9 79.6 81.0 81.0 81.0 81.0 81.0 81.7 81.7 83.2 75.9 74.3
 5000 71.9 77.6 81.7 79.6 77.5 77.5 77.5 77.5 77.5 79.2 79.2 80.4 84.1 84.1
 6300 68.9 74.9 77.6 81.8 91.8 91.8 91.8 91.8 91.8 92.6 92.6 92.6 84.6 84.6
 8000 85.0 89.8 92.2 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.7 92.7 92.0
 10000 84.1 89.8 92.2 92.3 92.3 92.3 92.3 92.3 92.3 107.1 107.1 107.1 107.1 107.1

PMWL
133.2
133.7
133.1
138.0
139.1
129.1
126.2
127.7
130.5
132.7
134.7
133.4
131.8
135.7
137.6
136.1
136.5
135.5
147.9
140.5
141.9
144.7
145.2

OAPWL 153.2

ANGLE FROM INLET

DIRECTIVITY INDEX

FREQ. 20.0 30.0 40.0 50.0 60.0 70.0 80.0
 -4.0 -4.2 -5.5 -6.0 -5.9 -6.6 -6.1 -3.7 -2.5 -1.4 -0.6 1.0 2.3 6.9 9.2
 -6.1 -5.0 -5.7 -5.7 -5.5 -5.7 -5.2 -2.7 -2.8 -1.8 -0.7 0.9 3.3 6.9 9.2
 -8.1 -7.3 -6.7 -6.7 -6.5 -6.8 -6.4 -2.6 -2.8 -1.6 -0.2 1.7 3.7 6.1 8.9
 -7.5 -5.2 -6.4 -7.0 -6.9 -6.9 -6.2 -1.0 -1.5 -0.3 0.3 1.0 4.4 5.9 8.5
 -6.2 -4.0 -5.7 -5.9 -5.9 -5.9 -5.4 -0.5 0.2 0.4 1.4 2.8 4.0 5.1 7.1
 -5.7 -3.7 -5.5 -5.4 -5.4 -5.4 -5.2 -1.2 -1.3 1.0 2.0 3.0 4.0 5.1 7.1
 -3.9 -3.5 -3.3 -2.1 -2.3 -2.0 -1.6 -2.1 -2.1 -1.6 1.5 2.5 3.6 5.1 7.1
 -5.1 -3.6 -5.3 -4.7 -4.7 -4.7 -4.7 -0.7 0.7 1.4 2.5 3.6 4.6 5.6 7.6
 -5.0 -3.1 -4.8 -4.8 -4.8 -4.8 -4.8 -0.7 0.7 1.4 2.5 3.6 4.6 5.6 7.6
 -5.5 -2.7 -0.6 -2.3 -2.3 -2.3 -2.3 -0.9 0.9 1.8 2.8 3.9 4.9 5.9 7.9
 -4.2 -2.7 -0.5 0.5 1.1 0.7 0.7 0.6 0.6 1.0 1.4 1.7 2.1 2.5 3.9
 -6.0 -4.6 -2.3 -2.2 -2.2 -2.2 -2.2 -0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
 -7.9 -1.9 0.4 -0.2 2.4 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3
 -3150 -7.3 -1.1 3.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3
 4000 -8.6 -4.4 -1.2 1.0 1.0 1.0 1.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8
 5000 -10.9 -4.1 1.1 -2.9 -2.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3
 6000 -10.1 -2.1 1.0 -1.2 0.3 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8
 8000 -9.2 -2.2 -0.7 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
 10000 -8.2 -2.2 -0.7 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0

VEHICLE CONFIG LOC DATE RUN BAR TARB WACT SPEED CRPH TAPE	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY										PHL				
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0		120.0	130.0	140.0	150.0
250.0 -SH	74.2	73.9	73.2	72.4	72.4	73.9	75.5	74.5	75.5	76.6	77.1	78.9	81.7	87.1	89.6
35.0 RUN 36	71.4	72.2	71.6	71.4	71.4	73.8	75.4	75.1	75.4	76.7	77.3	79.7	82.2	85.4	87.9
100 PPG	69.7	70.5	71.2	71.8	71.8	73.3	74.3	74.6	75.5	76.6	77.8	79.7	82.5	85.2	88.0
12/11/68	71.1	72.3	71.7	71.8	71.8	73.3	74.8	75.3	76.2	77.6	78.2	80.8	83.2	84.5	86.0
442.	72.5	73.7	73.3	72.1	72.1	74.5	76.4	76.1	76.5	78.0	81.8	82.5	83.8	84.0	84.0
29.2	69.0	70.4	68.8	68.6	68.6	71.3	73.1	74.5	74.6	75.0	76.0	77.6	78.0	80.1	79.1
35.0	67.3	67.9	65.0	65.5	67.5	69.4	70.4	72.6	72.9	71.0	72.3	73.3	73.6	73.9	75.3
29.0	65.2	65.4	67.4	68.0	69.8	69.8	69.8	69.8	69.8	71.5	68.8	70.0	71.0	71.5	73.3
2.56164	65.8	67.9	70.5	70.7	69.4	68.4	67.4	68.0	68.9	71.0	68.2	76.4	78.0	77.7	77.7
07500	70.4	71.0	72.1	74.2	73.5	74.5	73.7	72.5	73.0	74.2	77.0	79.7	80.2	79.6	78.6
7879.8	71.7	74.2	74.4	75.4	74.9	76.5	76.5	76.5	76.8	77.1	79.5	81.3	83.7	78.9	78.9
78027.	71.7	73.9	74.4	75.2	75.7	76.9	77.6	78.2	78.1	79.4	81.3	83.8	85.4	77.4	77.9
	71.1	70.5	73.9	72.6	73.3	75.5	75.9	76.3	76.3	80.0	78.7	79.8	78.2	77.3	76.3
	69.2	71.0	73.2	75.9	77.0	76.2	75.2	76.5	77.0	76.6	76.5	77.3	79.8	75.6	75.6
	75.0	77.8	80.1	82.0	84.9	81.7	82.8	83.7	83.4	82.4	82.2	83.5	79.3	78.1	78.8
	74.8	80.4	80.4	82.8	88.2	86.2	87.8	84.7	85.4	84.2	81.8	83.0	80.1	78.7	79.7
	73.3	78.6	79.7	83.3	89.6	86.7	87.9	85.1	85.3	84.2	82.1	83.8	79.8	78.2	79.5
	71.7	76.7	79.1	83.1	88.4	84.2	83.7	84.6	83.4	80.5	78.3	80.5	79.4	74.4	77.0
	71.1	76.5	81.1	80.5	85.5	85.1	85.0	80.8	80.2	79.2	79.0	80.2	79.4	74.4	73.5
	73.9	80.9	83.2	82.6	80.3	84.5	83.8	81.1	82.3	82.8	82.4	77.8	75.0	76.9	76.4
	80.1	87.7	88.4	90.8	87.6	87.6	88.6	88.3	88.3	92.5	90.1	87.8	82.8	84.6	84.6
	70.5	77.5	77.7	80.8	83.9	78.6	79.6	83.2	81.6	80.5	78.3	79.4	75.7	71.8	75.9
	69.7	75.3	79.2	78.3	81.1	79.3	79.9	79.9	81.2	81.3	81.3	76.8	72.1	73.3	71.7
	71.6	78.0	80.3	80.3	78.4	80.5	81.1	81.7	86.0	84.5	81.6	77.2	73.1	76.1	76.1
GASPL MEASURED	87.9	91.1	92.7	94.2	94.6	95.8	96.1	95.2	95.4	96.2	95.4	95.3	95.2	94.7	96.5
GASPL CALCULATED	86.4	91.4	92.7	94.2	94.6	95.6	95.9	94.8	94.8	96.3	95.8	94.4	93.5	92.7	96.2
PNDB	100.7	106.6	107.6	109.2	109.7	109.1	109.6	109.4	110.3	111.5	109.8	108.2	105.6	105.2	100.5

FREQ.	DIRECTIVITY INDEX									
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0
50	-5.2	-5.5	-6.1	-6.9	-7.1	-5.5	-5.8	-4.9	-3.6	-2.5
63	-8.1	-7.3	-5.8	-4.1	-5.7	-5.6	-5.8	-4.5	-3.0	-2.0
80	-7.5	-6.2	-6.8	-6.6	-6.1	-5.2	-5.2	-3.6	-2.0	-0.9
100	-7.5	-6.3	-6.7	-6.9	-5.8	-3.7	-3.1	-2.4	-0.9	-0.2
125	-6.1	-4.7	-6.2	-5.7	-3.8	-1.6	-1.0	-0.6	0.1	1.6
160	-4.2	-3.4	-6.2	-5.7	-3.8	-2.0	-1.0	-0.5	-0.4	0.9
200	-4.2	-4.9	-2.0	-3.4	-5.6	-4.6	-3.7	-2.4	-1.0	2.0
250	-6.8	-4.7	-2.1	-1.6	-3.2	-4.1	-3.2	-1.8	-0.6	0.6
315	-5.1	-3.9	-3.6	-1.6	-2.2	-4.1	-3.0	-1.4	-0.7	1.5
400	-5.7	-3.2	-3.6	-1.6	-2.2	-1.3	-2.0	-1.0	-0.7	1.0
500	-6.5	-4.3	-3.8	-2.9	-2.4	-1.2	-1.9	-0.9	-0.5	2.1
630	-5.9	-4.5	-3.1	-4.4	-3.7	-1.5	-1.1	0.0	2.3	3.0
800	-6.6	-4.8	-2.4	0.1	-3.7	-1.5	-1.1	0.0	2.3	3.0
1000	-7.5	-4.5	-2.3	-0.4	2.6	0.7	3.9	1.4	0.7	1.0
1250	-9.4	-5.8	-3.8	-1.4	4.1	2.0	3.7	0.4	-0.7	0.0
1600	-11.0	-6.7	-3.6	-2.0	4.3	4.4	2.4	-0.2	-1.1	-3.2
2000	-10.0	-6.0	-3.4	-0.9	5.0	1.4	0.9	1.9	0.8	-2.5
2500	-17.9	-4.8	0.0	-0.6	4.3	2.8	2.0	-0.7	-0.4	-2.7
3000	-8.4	-1.0	1.3	1.3	-1.4	-1.1	-0.7	0.2	2.1	1.4
3500	-9.5	-2.5	0.6	0.6	3.9	1.4	-0.7	3.2	1.6	2.5
4000	-9.2	-3.4	-2.6	-1.1	-2.0	0.4	-0.9	1.0	0.4	2.3
4500	-9.6	-3.4	-2.4	-1.1	-2.0	-1.8	-0.9	1.0	0.4	2.3
5000	-9.6	-3.4	-2.4	-1.1	-2.0	-1.8	-0.9	1.0	0.4	2.3

GAPML 195.7

RADIAL VEHICLE CONFIG LOC PPG DATE RUN BAR TAGS TMEY HACT SPEED CRPH TAPE		SOUND PRESSURE LEVELS REDUCED AT ANGLES FROM INLET AT STANDARD DAY											PML				
		20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	
250.0	50	75.1	75.7	75.0	74.8	75.1	75.8	75.4	75.0	75.2	79.3	79.6	81.9	85.2	91.3	92.3	140.3
5M	63	71.5	72.3	73.3	75.4	74.0	75.2	75.2	77.1	78.2	79.3	80.2	82.5	85.1	91.3	92.3	140.0
RUN 26	80	71.5	72.8	73.0	75.3	74.7	75.7	76.5	77.2	78.0	79.3	80.2	82.5	85.1	91.3	92.3	139.0
12/11/68	108	72.0	73.1	73.1	75.0	75.0	76.9	77.4	78.4	78.9	79.7	80.7	82.9	85.9	91.9	92.7	139.5
445	125	73.2	73.6	74.2	75.1	75.3	76.2	76.4	78.1	78.9	79.8	80.8	83.9	86.8	92.8	93.5	140.5
	160	71.2	71.6	71.6	73.3	73.3	75.1	75.1	77.0	77.8	78.8	80.4	83.4	86.4	92.4	93.2	138.4
	200	69.9	71.1	69.3	68.0	69.7	71.7	73.2	74.1	74.6	75.4	76.2	78.1	79.3	79.5	78.5	138.2
	250	67.9	69.0	67.0	65.0	67.7	70.1	71.7	73.2	74.0	74.8	75.7	77.5	78.3	78.5	78.5	138.2
	315	68.1	70.7	72.5	73.2	72.4	74.1	75.8	77.2	77.7	78.8	79.1	80.7	81.6	81.6	81.6	138.1
	400	72.7	75.1	75.6	77.3	77.0	78.7	79.4	81.4	81.4	82.0	83.0	84.1	85.3	85.3	81.7	137.7
	500	73.5	76.3	76.6	78.0	77.7	79.4	80.0	82.0	82.0	83.0	84.1	85.3	86.4	86.4	81.7	137.5
	630	75.4	79.1	80.3	80.9	81.4	83.1	83.8	85.8	85.8	86.9	88.0	89.1	90.2	90.2	81.7	147.0
	806	75.7	76.5	76.5	78.0	78.0	80.7	81.4	83.4	83.4	84.5	85.6	86.7	87.8	87.8	81.7	148.0
	1000	78.9	84.1	85.0	86.0	86.5	88.2	88.9	90.9	90.7	91.7	92.8	93.9	95.0	95.0	81.7	151.0
	1250	78.0	81.1	81.9	82.3	82.2	84.0	84.7	86.7	86.7	87.8	88.9	90.0	91.1	91.1	81.7	148.1
	1600	79.1	82.6	86.2	89.1	89.0	91.0	91.0	93.0	93.0	94.1	95.2	96.3	97.4	97.4	81.7	149.0
	2000	78.4	77.4	81.3	84.3	84.3	86.3	86.3	88.3	88.3	89.4	90.5	91.6	92.7	92.7	81.7	149.0
	2500	71.2	80.9	85.1	87.3	87.3	89.3	89.3	91.3	91.3	92.4	93.5	94.6	95.7	95.7	81.7	149.0
	3150	74.6	80.9	85.1	87.3	87.3	89.3	89.3	91.3	91.3	92.4	93.5	94.6	95.7	95.7	81.7	149.0
	4000	70.0	84.1	86.3	87.3	87.3	89.3	89.3	91.3	91.3	92.4	93.5	94.6	95.7	95.7	81.7	149.0
	5000	71.7	78.0	80.1	81.4	81.4	83.4	83.4	85.4	85.4	86.5	87.6	88.7	89.8	89.8	81.7	149.0
	6300	70.8	75.3	80.2	82.2	82.2	84.2	84.2	86.2	86.2	87.3	88.4	89.5	90.6	90.6	81.7	149.0
	8000	71.9	76.8	80.6	80.1	81.2	82.3	83.4	84.5	84.5	85.6	86.7	87.8	88.9	88.9	81.7	149.0
	10000	88.0	93.1	94.5	96.7	96.7	98.7	98.7	100.7	100.7	101.8	102.9	104.0	105.1	105.1	81.7	149.0
	ASPL MEASURED	88.2	93.2	94.6	97.7	97.7	99.7	99.7	101.7	101.7	102.8	103.9	105.0	106.1	106.1	81.7	147.0
	ASPL CALCULATED	88.2	93.2	94.6	97.7	97.7	99.7	99.7	101.7	101.7	102.8	103.9	105.0	106.1	106.1	81.7	147.0
	PHDB	101.1	105.8	108.9	109.0	113.4	112.3	111.3	110.9	111.5	112.1	111.7	109.7	107.5	106.8	106.7	159.5

RADIAL VEHICLE CONFIG LOC PPG DATE RUN BAR TARE TMSI MAGT SPEED CRPH TAPE	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY ANGLES FROM INLET										PHL				
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0		120.0	130.0	150.0	180.0
50	67.3	66.6	66.1	66.0	64.5	64.2	63.9	63.4	63.1	62.8	62.5	62.2	61.9	61.6	126.7
83	63.6	63.9	63.5	63.1	61.8	61.1	60.7	60.4	60.1	59.8	59.5	59.2	58.9	58.6	126.4
90	63.3	63.5	63.2	62.8	61.5	60.8	60.4	60.1	59.8	59.5	59.2	58.9	58.6	58.3	126.5
108	62.3	62.9	62.5	62.1	60.8	60.1	59.7	59.4	59.1	58.8	58.5	58.2	57.9	57.6	124.0
125	61.9	62.6	62.2	61.8	60.5	59.8	59.4	59.1	58.8	58.5	58.2	57.9	57.6	57.3	124.7
160	61.3	62.0	61.6	61.2	60.0	59.3	58.9	58.6	58.3	58.0	57.7	57.4	57.1	56.8	123.8
200	62.0	62.6	62.2	61.8	60.5	59.8	59.4	59.1	58.8	58.5	58.2	57.9	57.6	57.3	119.2
258	62.0	62.6	62.2	61.8	60.5	59.8	59.4	59.1	58.8	58.5	58.2	57.9	57.6	57.3	119.5
315	61.9	62.6	62.2	61.8	60.5	59.8	59.4	59.1	58.8	58.5	58.2	57.9	57.6	57.3	122.4
400	61.9	62.6	62.2	61.8	60.5	59.8	59.4	59.1	58.8	58.5	58.2	57.9	57.6	57.3	122.0
500	63.6	64.2	63.8	63.4	62.1	61.4	61.0	60.7	60.4	60.1	59.8	59.5	59.2	58.9	123.6
630	64.0	64.6	64.2	63.8	62.5	61.8	61.4	61.1	60.8	60.5	60.2	59.9	59.6	59.3	124.0
800	64.2	64.8	64.4	64.0	62.7	62.0	61.6	61.3	61.0	60.7	60.4	60.1	59.8	59.5	127.0
1000	64.2	64.8	64.4	64.0	62.7	62.0	61.6	61.3	61.0	60.7	60.4	60.1	59.8	59.5	129.7
1250	66.3	67.0	66.6	66.2	64.9	64.2	63.8	63.5	63.2	62.9	62.6	62.3	62.0	61.7	130.7
1600	66.3	67.0	66.6	66.2	64.9	64.2	63.8	63.5	63.2	62.9	62.6	62.3	62.0	61.7	131.5
2000	67.3	68.0	67.6	67.2	65.9	65.2	64.8	64.5	64.2	63.9	63.6	63.3	63.0	62.7	131.3
2500	68.2	68.9	68.5	68.1	66.8	66.1	65.7	65.4	65.1	64.8	64.5	64.2	63.9	63.6	131.4
3150	69.2	69.9	69.5	69.1	67.8	67.1	66.7	66.4	66.1	65.8	65.5	65.2	64.9	64.6	133.2
4000	69.2	69.9	69.5	69.1	67.8	67.1	66.7	66.4	66.1	65.8	65.5	65.2	64.9	64.6	134.4
5000	69.2	69.9	69.5	69.1	67.8	67.1	66.7	66.4	66.1	65.8	65.5	65.2	64.9	64.6	135.0
6300	69.2	69.9	69.5	69.1	67.8	67.1	66.7	66.4	66.1	65.8	65.5	65.2	64.9	64.6	134.0
8000	69.2	69.9	69.5	69.1	67.8	67.1	66.7	66.4	66.1	65.8	65.5	65.2	64.9	64.6	137.0
10000	69.2	69.9	69.5	69.1	67.8	67.1	66.7	66.4	66.1	65.8	65.5	65.2	64.9	64.6	137.0

FREQ.	DIRECTIVITY INDEX													
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	150.0	180.0
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
83	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
90	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
108	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
125	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
160	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
258	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
315	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
400	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
630	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1250	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1600	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
3150	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
4000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
5000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
6300	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
8000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
10000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

PAGE 1 SCALE MODEL RUN 26 T/D 12/11/68 PROC. DATE - MONTH 12 DAY 14 HR. 13.8

VEHICLE CONFIG	DATE	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	PWL
230.0	12/11/68	70.4	60.8	57.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	130.9
330.0	12/11/68	64.9	55.2	52.2	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	128.3
440.0	12/11/68	61.5	51.8	48.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	129.9
550.0	12/11/68	58.1	48.4	45.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	125.6
660.0	12/11/68	54.7	45.0	42.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	125.3
770.0	12/11/68	51.3	41.6	38.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	120.3
880.0	12/11/68	47.9	38.2	35.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	122.5
990.0	12/11/68	44.5	34.8	31.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	125.6
1000.0	12/11/68	41.1	31.4	28.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	120.3
1100.0	12/11/68	37.7	28.0	25.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	127.8
1200.0	12/11/68	34.3	24.6	21.6	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	120.3
1300.0	12/11/68	30.9	21.2	18.2	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	130.1
1400.0	12/11/68	27.5	17.8	14.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	138.5
1500.0	12/11/68	24.1	14.4	11.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	135.3
1600.0	12/11/68	20.7	11.0	8.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	137.0
1700.0	12/11/68	17.3	7.6	4.6	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	144.6
1800.0	12/11/68	13.9	4.2	1.2	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	139.9
1900.0	12/11/68	10.5	0.8	-2.2	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	140.6
2000.0	12/11/68	7.1	-2.6	-5.6	-13.4	-13.4	-13.4	-13.4	-13.4	-13.4	-13.4	-13.4	-13.4	-13.4	-13.4	-13.4	142.4

GAPPL 150.6

FREQ.	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
50	70.4	60.8	57.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
63	64.9	55.2	52.2	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
80	61.5	51.8	48.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
125	58.1	48.4	45.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
200	54.7	45.0	42.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
250	51.3	41.6	38.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
315	47.9	38.2	35.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
420	44.5	34.8	31.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
500	41.1	31.4	28.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
600	37.7	28.0	25.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
800	34.3	24.6	21.6	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
1000	30.9	21.2	18.2	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
1200	27.5	17.8	14.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
1400	24.1	14.4	11.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
1600	20.7	11.0	8.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1800	17.3	7.6	4.6	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2
2000	13.9	4.2	1.2	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6

DIRECTIVITY INDEX

GAPPL 150.6

FREQ.	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY										PHL				
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0		120.0	130.0	140.0	150.0
50	70.1	69.3	68.6	68.9	68.9	68.9	69.0	69.0	70.1	70.7	70.9	72.1	74.0	77.4	80.3
63	68.6	67.7	67.0	67.1	67.3	67.3	67.4	67.4	68.5	69.0	69.5	71.5	73.0	76.5	78.2
80	68.0	67.2	66.5	66.5	66.6	66.6	66.7	66.7	67.8	68.3	68.8	70.8	72.3	75.8	77.5
100	64.8	64.0	63.2	63.2	63.3	63.3	63.3	63.3	64.4	64.9	65.4	67.4	68.9	72.4	74.1
125	64.8	64.0	63.2	63.2	63.3	63.3	63.3	63.3	64.4	64.9	65.4	67.4	68.9	72.4	74.1
150	62.5	61.7	60.9	60.9	61.0	61.0	61.0	61.0	62.1	62.6	63.1	65.1	66.6	70.1	71.8
200	62.5	61.7	60.9	60.9	61.0	61.0	61.0	61.0	62.1	62.6	63.1	65.1	66.6	70.1	71.8
250	58.1	57.3	56.5	56.5	56.6	56.6	56.6	56.6	57.7	58.2	58.7	60.7	62.2	65.7	67.4
315	61.8	61.0	60.2	60.2	60.3	60.3	60.3	60.3	61.4	61.9	62.4	64.4	65.9	69.4	71.1
400	66.1	65.3	64.5	64.5	64.6	64.6	64.6	64.6	65.7	66.2	66.7	68.7	70.2	73.7	75.4
500	67.6	66.8	66.0	66.0	66.1	66.1	66.1	66.1	67.2	67.7	68.2	70.2	71.7	75.2	76.9
630	69.4	68.6	67.8	67.8	67.9	67.9	67.9	67.9	69.0	69.5	70.0	72.0	73.5	77.0	78.7
800	67.3	66.5	65.7	65.7	65.8	65.8	65.8	65.8	66.9	67.4	67.9	69.9	71.4	74.9	76.6
1000	69.0	68.2	67.4	67.4	67.5	67.5	67.5	67.5	68.6	69.1	69.6	71.6	73.1	76.6	78.3
1250	70.1	69.3	68.5	68.5	68.6	68.6	68.6	68.6	69.7	70.2	70.7	72.7	74.2	77.7	79.4
1500	70.1	69.3	68.5	68.5	68.6	68.6	68.6	68.6	69.7	70.2	70.7	72.7	74.2	77.7	79.4
2000	70.7	69.9	69.1	69.1	69.2	69.2	69.2	69.2	70.3	70.8	71.3	73.3	74.8	78.3	80.0
2500	68.3	67.5	66.7	66.7	66.8	66.8	66.8	66.8	67.9	68.4	68.9	70.9	72.4	75.9	77.6
3150	68.5	67.7	66.9	66.9	67.0	67.0	67.0	67.0	68.1	68.6	69.1	71.1	72.6	76.1	77.8
4000	76.8	76.0	75.2	75.2	75.3	75.3	75.3	75.3	76.4	76.9	77.4	79.4	80.9	84.4	86.1
5000	78.9	78.1	77.3	77.3	77.4	77.4	77.4	77.4	78.5	79.0	79.5	81.5	83.0	86.5	88.2
6300	68.6	67.8	67.0	67.0	67.1	67.1	67.1	67.1	68.2	68.7	69.2	71.2	72.7	76.2	77.9
8000	69.1	68.3	67.5	67.5	67.6	67.6	67.6	67.6	68.7	69.2	69.7	71.7	73.2	76.7	78.4
10000	71.1	70.3	69.5	69.5	69.6	69.6	69.6	69.6	70.7	71.2	71.7	73.7	75.2	78.7	80.4
12500	64.3	63.5	62.7	62.7	62.8	62.8	62.8	62.8	63.9	64.4	64.9	66.9	68.4	71.9	73.6
15000	65.0	64.2	63.4	63.4	63.5	63.5	63.5	63.5	64.6	65.1	65.6	67.6	69.1	72.6	74.3
20000	65.3	64.5	63.7	63.7	63.8	63.8	63.8	63.8	64.9	65.4	65.9	67.9	69.4	72.9	74.6
PH08	97.9	103.8	109.8	109.3	104.8	107.3	105.8	104.3	108.3	106.3	104.8	103.7	101.2	101.2	101.0

FREQ.	DIRECTIVITY INDEX										GAPPL 151.0				
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0		120.0	130.0	140.0	150.0
50	-1.7	-2.6	-3.1	-3.6	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8
63	-0.0	-0.7	-0.2	-0.7	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
80	-3.8	-5.2	-3.8	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
100	-4.5	-5.9	-4.5	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2
125	-5.5	-7.1	-5.5	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1	-6.1
150	-4.9	-6.3	-4.9	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7
200	-2.8	-4.3	-2.8	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0
250	-2.9	-4.4	-2.9	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
315	-3.0	-4.5	-3.0	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
400	-2.8	-4.3	-2.8	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0
500	-2.8	-4.3	-2.8	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0
630	-2.3	-3.8	-2.3	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5
800	-2.3	-3.8	-2.3	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5
1000	-3.2	-4.7	-3.2	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9
1250	-5.3	-6.8	-5.3	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0
1500	-5.2	-6.7	-5.2	-5.9	-5.9	-5.9	-5.9	-5.9	-5.9	-5.9	-5.9	-5.9	-5.9	-5.9	-5.9
2000	-6.2	-7.7	-6.2	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4	-6.4
2500	-6.4	-7.9	-6.4	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6	-6.6
3150	-7.0	-8.5	-7.0	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2
4000	-8.7	-10.2	-8.7	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9
5000	-7.8	-9.3	-7.8	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0
6300	-8.3	-9.8	-8.3	-8.5	-8.5	-8.5	-8.5	-8.5	-8.5	-8.5	-8.5	-8.5	-8.5	-8.5	-8.5
8000	-8.4	-9.9	-8.4	-8.6	-8.6	-8.6	-8.6	-8.6	-8.6	-8.6	-8.6	-8.6	-8.6	-8.6	-8.6
10000	-8.7	-10.2	-8.7	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9	-8.9

RADIAL VEHICLE CONFIG LOC DATE RUN BAR YAMB THEY MAGY SPEED CRPH TAPE	FREQ.	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY ANGLES FROM INLET												PHL	
		100.0 110.0 120.0 130.0 140.0 150.0 160.0													
		20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0		140.0
250.0 -3M RUN 26	50	70.9	72.2	73.8	70.8	71.7	72.5	72.8	72.9	73.4	74.3	75.3	77.1	81.3	83.1
400	65.4	68.2	68.8	68.6	69.7	70.3	70.9	71.6	71.7	72.6	73.5	74.4	77.2	80.6	82.7
100	66.8	68.5	70.4	70.4	70.7	71.5	71.9	72.4	72.4	73.0	73.6	74.9	77.4	78.5	80.7
125	65.9	68.9	68.7	67.2	68.4	70.3	70.5	71.2	73.0	73.0	73.7	74.8	78.2	78.7	78.3
160	64.1	66.2	65.5	65.1	66.7	67.9	69.1	70.1	70.1	70.4	71.3	72.4	73.6	75.6	75.5
200	64.6	65.4	62.0	64.5	64.2	65.8	66.4	67.2	69.0	70.5	71.5	73.5	73.5	74.2	73.5
250	61.1	60.6	60.2	61.2	61.9	64.4	64.6	64.7	65.2	65.3	65.2	67.3	69.9	70.2	70.8
315	61.4	67.3	65.6	69.3	68.0	70.3	68.3	68.0	67.9	67.5	67.3	71.1	72.6	71.7	71.5
400	67.7	67.8	67.2	69.8	70.4	71.4	72.0	72.0	72.0	72.6	73.7	75.1	72.7	70.6	70.7
500	68.9	69.8	70.8	73.1	72.9	72.9	73.1	73.0	74.1	74.6	75.1	73.9	71.2	71.4	71.4
630	70.8	71.4	73.4	71.2	71.2	70.7	70.9	73.0	73.0	74.7	75.3	74.1	73.2	72.0	71.9
800	71.1	71.4	72.2	73.2	72.3	71.3	70.9	71.8	72.6	73.6	74.4	73.0	72.3	71.5	71.3
1000	71.8	75.0	77.3	75.2	75.0	75.9	75.2	75.4	75.6	77.2	74.2	75.1	72.0	70.7	73.3
1250	73.5	75.9	77.3	76.8	77.7	75.8	75.7	76.6	78.7	79.0	78.4	78.4	71.5	71.5	74.1
1500	72.2	73.9	76.7	76.8	78.2	75.3	75.1	76.4	76.6	77.1	76.3	73.1	70.6	73.8	73.8
2000	73.7	73.2	75.3	74.9	77.6	73.7	73.6	76.4	76.4	76.4	75.5	74.3	68.4	68.4	73.1
2500	70.8	72.6	76.3	74.5	75.6	75.6	74.2	73.0	74.0	75.8	75.5	74.3	68.2	70.0	68.1
3150	82.5	83.9	85.6	89.1	89.5	87.7	87.7	83.8	85.5	87.9	88.0	81.7	79.6	81.2	80.1
4000	75.0	76.4	79.4	76.4	77.5	77.5	78.8	77.6	80.0	80.6	80.0	76.8	73.6	72.8	73.9
5000	71.7	73.1	74.0	76.2	76.3	77.0	78.5	80.1	82.5	80.6	80.4	80.4	78.2	69.9	73.7
6300	74.5	75.5	80.0	78.7	77.4	79.6	78.2	75.8	75.8	77.1	82.4	78.0	71.6	73.8	71.1
8000	73.3	74.0	75.7	76.9	74.9	74.9	74.7	74.7	74.7	79.4	80.9	80.9	74.0	71.2	72.1
10000	87.3	88.9	92.2	91.9	90.3	92.2	90.9	90.1	91.3	92.3	92.5	90.8	90.8	91.6	93.1
OASPL MEASURED	86.4	87.9	91.9	91.6	89.7	91.9	90.5	89.3	90.7	91.9	92.1	89.8	88.3	89.4	90.7
OASPL CALCULATED	103.1	103.5	107.7	107.4	107.9	107.8	106.3	104.5	103.9	107.4	107.6	104.8	101.6	102.2	102.4

OAPHL 151.8

RADIAL VEHICLE CONFIG LOC DATE RUN BAR YAMB THEY MAGY SPEED CRPH TAPE	FREQ.	DIRECTIVITY INDEX													
		100.0 110.0 120.0 130.0 140.0 150.0 160.0													
		20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
250.0 -3M RUN 26	50	-4.1	-2.8	-3.2	-4.2	-3.3	-3.5	-3.2	-2.2	-2.1	-1.6	-0.7	2.1	6.3	8.1
400	-6.1	-4.2	-3.8	-4.7	-3.7	-3.5	-3.5	-2.2	-1.7	-2.1	-1.2	-0.9	2.8	6.2	8.3
100	-1.1	-3.4	-3.5	-5.0	-3.2	-2.9	-2.9	-2.0	-1.6	0.8	-0.8	-0.3	3.3	5.9	8.1
125	-7.5	-4.5	-4.4	-6.2	-3.9	-3.1	-2.9	-2.0	-2.1	-0.3	-0.4	0.9	4.8	5.3	5.9
160	-6.4	-4.5	-4.9	-5.6	-3.8	-2.5	-1.3	-1.3	-0.4	-0.4	-0.1	0.9	3.1	5.1	5.1
200	-4.8	-3.2	-6.7	-4.2	-4.8	-2.9	-2.5	0.4	0.4	1.4	1.4	1.8	2.9	2.9	6.6
250	-3.8	-2.5	-3.9	-2.9	-4.8	-3.7	-2.5	0.1	1.1	1.2	1.1	1.2	0.4	2.4	6.6
315	-2.8	-2.5	-0.2	0.1	-1.8	-1.7	-2.1	-3.1	-2.9	-1.4	-0.2	-0.2	4.1	4.4	3.0
400	-1.6	-1.7	-2.1	-0.1	-1.3	-1.1	-0.0	-1.4	-2.9	-1.9	-1.9	-0.1	3.2	2.3	2.2
500	-2.7	-1.7	-0.8	-0.7	-1.1	-0.2	0.4	0.4	-0.0	0.4	1.1	1.7	1.2	-0.9	-0.8
630	-2.9	-1.5	0.2	-0.3	-0.8	-0.8	-0.6	0.5	0.9	1.4	1.5	1.5	0.3	-0.8	-0.9
800	-2.3	-1.5	0.5	-1.7	-1.4	-2.1	-1.9	0.1	0.8	1.4	2.5	1.9	0.3	-0.8	0.0
1000	-2.6	-1.8	-0.1	1.0	0.0	-1.0	-1.7	-0.6	0.3	1.3	2.1	0.7	-0.0	-0.8	0.0
1250	-4.1	-1.9	1.9	2.5	2.1	0.1	-0.7	-0.3	-0.3	1.3	1.3	-0.8	-3.9	-3.2	-2.0
1600	-3.4	-1.4	0.3	-0.2	0.7	-1.2	-1.2	-0.4	1.7	2.1	1.8	1.4	-2.8	-5.4	-2.6
2000	-3.7	-1.9	0.8	1.0	2.3	-0.6	-0.8	0.3	0.7	1.2	0.4	0.4	-2.8	-5.1	-2.0
2500	-3.4	-1.9	0.1	-0.2	2.5	-1.4	-1.3	1.3	1.3	1.3	0.4	1.2	-3.9	-5.7	-2.0
3150	-3.4	-1.6	2.6	0.3	0.8	1.4	-0.0	-1.2	-0.2	1.6	2.3	-1.7	-6.2	-4.2	-4.0
4000	-4.0	-2.0	3.1	2.5	-2.1	3.3	1.1	-2.7	-1.0	1.4	1.4	-4.8	-6.9	-3.3	-6.5
5000	-3.4	-2.0	1.1	1.5	-2.1	0.4	0.4	-2.7	-1.7	1.3	1.6	-1.6	-5.4	-5.5	-4.9
6300	-4.9	-5.4	4.5	-2.4	0.8	-2.0	-2.0	-1.6	3.9	2.2	1.2	1.8	-6.3	-8.7	-7.2
8000	-3.4	-2.7	1.6	1.6	-1.9	-1.2	-1.7	-2.6	-1.2	1.5	4.2	-0.9	-6.8	-6.6	-6.6
10000	-3.4	-2.7	-1.0	0.1	-1.9	-1.6	-1.7	-2.0	-1.2	1.5	4.2	-0.9	-6.8	-6.6	-6.6

RADIALE VEHICLE CONFIG LOC PPG DATE RUN M/R TAMB TNET MAGT SPEED CRPH TAPE	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY ANGLES FROM INLET											PWL			
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0		130.0	140.0	150.0
250.0	72.7	72.9	70.9	69.1	72.5	73.8	76.4	77.5	78.6	77.0	75.7	78.3	80.1	86.1	85.6
50	63	70.5	69.3	73.1	71.2	72.1	75.2	77.1	77.2	78.1	75.0	77.5	80.2	83.7	85.1
80	68.6	68.0	68.0	67.3	70.2	72.1	74.7	75.9	76.5	75.3	74.7	77.1	79.9	82.2	83.2
100	68.7	68.8	67.9	68.5	72.2	73.1	75.0	77.4	77.4	78.0	74.7	77.7	79.9	82.2	83.2
125	67.9	69.6	67.4	67.1	70.8	71.4	74.2	75.4	76.5	75.2	74.6	77.4	80.8	81.8	83.0
150	65.4	67.4	65.4	64.7	68.2	69.9	72.2	73.5	73.9	72.5	72.3	75.0	78.5	78.9	77.5
200	64.9	66.3	62.8	63.4	65.1	67.2	69.7	72.0	72.3	71.8	70.8	73.9	75.9	75.5	75.4
250	64.0	62.0	60.6	59.4	62.1	63.2	65.3	67.8	69.1	67.9	66.3	70.1	73.4	72.5	73.7
315	62.4	61.2	60.2	58.5	61.4	62.4	64.4	66.1	66.9	65.8	64.7	68.7	71.8	72.4	73.1
400	62.4	61.2	60.2	58.5	61.4	62.4	64.4	66.1	66.9	65.8	64.7	68.7	71.8	72.4	73.1
500	60.4	70.8	70.9	70.9	70.8	72.1	72.2	73.1	72.9	73.2	73.8	75.1	73.8	72.0	72.6
630	60.4	72.9	74.2	73.1	73.1	73.5	73.4	75.4	75.4	75.9	75.9	76.1	74.6	71.6	73.8
800	60.0	72.0	74.1	73.0	71.4	72.0	71.4	73.0	73.3	74.3	74.6	75.0	73.2	71.6	73.8
1000	60.3	70.3	72.3	73.6	71.7	71.6	71.2	72.3	72.4	73.9	73.7	74.5	72.3	71.2	72.4
1250	70.2	74.7	78.7	77.7	77.5	76.0	75.0	76.4	76.4	78.4	77.2	75.9	72.2	70.4	72.9
1600	71.6	76.8	78.4	76.7	77.5	76.7	75.1	76.9	77.4	78.6	77.4	75.9	72.2	70.4	72.9
2000	69.9	74.9	78.1	77.3	79.2	78.9	75.7	77.7	77.6	78.3	76.6	75.7	71.5	73.9	73.9
2500	69.1	75.2	76.8	75.3	78.5	78.3	74.2	77.6	77.8	78.5	76.5	75.2	71.3	73.9	73.7
3150	68.3	74.1	78.1	74.5	75.7	76.3	74.9	74.2	74.5	76.1	74.3	74.2	67.9	69.9	69.6
4000	70.6	85.1	90.3	89.1	85.1	85.5	86.7	85.5	85.8	86.9	86.8	82.7	78.4	79.7	79.0
5000	71.9	78.3	81.1	80.1	77.4	81.0	79.0	79.2	80.6	80.9	79.5	78.4	72.8	73.9	73.9
6300	69.1	73.1	75.3	75.5	78.9	78.0	76.0	80.2	83.1	79.8	78.8	80.6	73.5	73.5	73.8
8000	71.5	76.4	80.5	77.5	79.3	80.3	77.3	77.0	77.8	80.5	81.2	79.7	71.5	71.5	71.5
10000	68.4	75.4	78.4	74.5	74.5	75.8	74.8	74.0	77.9	79.7	80.0	80.1	73.8	72.9	73.9
GASPL MEASURED	82.5	89.0	92.3	91.3	90.6	92.5	91.3	92.7	92.7	92.6	91.9	91.9	84.9	84.8	85.0
GASPL CALCULATED	80.2	89.0	92.6	91.4	90.1	92.6	90.4	92.7	92.7	92.6	91.9	91.9	84.9	84.8	85.0
PAGE	99.3	104.7	108.6	107.3	105.4	108.5	106.0	103.5	106.6	107.2	106.9	105.3	101.5	102.1	102.4

FREQ.	DIRECTIVITY INDEX														
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0
50	-5.6	-5.4	-7.4	-9.2	-5.8	-4.4	-1.8	-0.8	-0.3	-1.3	-2.6	0.1	3.0	7.8	7.3
63	-7.0	-6.7	-8.1	-9.8	-5.1	-3.1	-1.4	-0.1	-0.1	-1.1	-2.2	0.3	3.4	6.5	7.9
80	-7.4	-7.2	-8.3	-10.0	-4.0	-2.0	-1.4	-0.2	0.4	-0.7	-1.4	1.1	3.4	6.1	7.2
100	-7.8	-7.6	-8.5	-10.3	-3.3	-1.3	-1.4	0.3	1.1	-0.4	-1.7	1.3	3.5	5.8	7.0
125	-7.8	-8.1	-8.2	-10.6	-4.2	-2.2	-1.6	0.3	1.1	-0.5	-1.7	1.7	3.5	5.4	7.0
160	-7.7	-8.1	-8.3	-10.9	-4.6	-3.1	-1.9	0.5	0.8	-0.5	-2.0	2.0	3.5	5.4	7.4
200	-8.1	-8.4	-8.6	-11.2	-5.0	-3.9	-2.1	1.0	0.8	-0.8	-2.2	2.7	3.9	4.4	7.3
250	-8.6	-8.7	-8.9	-11.5	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
315	-8.5	-8.7	-9.0	-11.8	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
400	-8.2	-8.0	-8.4	-12.1	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
500	-8.4	-8.1	-8.5	-12.4	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
630	-8.2	-8.0	-8.4	-12.7	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
800	-8.4	-8.1	-8.5	-13.0	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
1000	-8.2	-8.0	-8.4	-13.3	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
1250	-8.4	-8.1	-8.5	-13.6	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
1600	-8.2	-8.0	-8.4	-13.9	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
2000	-8.4	-8.1	-8.5	-14.2	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
2500	-8.2	-8.0	-8.4	-14.5	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
3150	-8.4	-8.1	-8.5	-14.8	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
4000	-8.2	-8.0	-8.4	-15.1	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
5000	-8.4	-8.1	-8.5	-15.4	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
6300	-8.2	-8.0	-8.4	-15.7	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
8000	-8.4	-8.1	-8.5	-16.0	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3
10000	-8.2	-8.0	-8.4	-16.3	-5.4	-4.2	-2.4	1.4	1.7	0.5	-2.4	2.9	4.4	4.3	7.3

RADIAL VEHICLE CONFIG LOC PPG DATE RUN CAR TAMB THET HAZT SPEED CRPH TAPE	FREQ.	SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY										PWL				
		20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0		120.0	130.0	140.0	150.0
29.0 5M RUN 26 12/11/68 2.2844 05.00 821.7 Y8536.	50	75.9	76.3	76.2	75.2	76.0	77.0	78.3	77.7	78.3	79.2	79.3	81.9	85.4	90.4	91.5
	63	72.3	73.1	73.7	73.8	75.3	75.1	77.5	77.7	77.8	78.7	79.7	82.1	85.5	90.3	91.9
	80	72.0	73.5	73.8	73.9	75.7	76.9	77.7	78.2	78.6	79.3	80.3	82.7	86.2	88.5	90.7
	100	72.7	74.0	73.6	73.8	75.6	76.9	77.6	78.5	78.6	79.3	80.3	82.7	86.2	88.5	90.7
	125	73.1	75.9	74.2	73.8	75.4	77.8	78.6	80.6	80.6	81.7	82.4	85.4	88.1	89.6	91.2
	150	73.6	73.4	72.2	71.6	73.4	74.8	76.0	78.0	78.0	79.9	80.4	83.4	86.0	87.4	89.0
	175	73.4	73.4	72.2	71.6	73.4	74.8	76.0	78.0	78.0	79.9	80.4	83.4	86.0	87.4	89.0
	200	73.4	73.4	72.2	71.6	73.4	74.8	76.0	78.0	78.0	79.9	80.4	83.4	86.0	87.4	89.0
	250	67.0	68.3	71.1	70.3	66.8	67.9	69.8	69.8	69.8	69.8	71.2	73.3	74.2	79.2	80.4
	318	74.4	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
	400	74.4	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
	500	75.0	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
	630	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
	800	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
	1000	75.6	75.5	75.3	75.1	75.0	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
	1250	78.7	85.5	89.3	93.1	96.0	95.7	94.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
	1500	80.2	84.1	89.0	91.5	94.3	92.8	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	2000	80.4	84.1	89.0	91.5	94.3	92.8	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	2500	74.3	77.5	82.2	83.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
	3150	73.4	77.5	82.2	83.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
	4000	77.8	82.2	87.0	88.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
	5000	80.2	84.1	89.0	91.5	94.3	92.8	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	6300	73.1	77.5	82.2	83.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
	8000	74.3	77.5	82.2	83.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
	10000	70.6	74.2	77.2	78.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
	10000	69.5	73.4	77.3	78.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	10000	102.6	107.0	110.2	111.7	112.3	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9

DAPL MEASURED
DAPL CALCULATED

DAPML 158.9

FREQ.	DIRECTIVITY INDEX											
	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	
50	-6.3	-6.0	-6.5	-7.0	-6.2	-5.2	-3.8	-4.5	-4.0	-3.5	-2.5	-2.5
63	-6.7	-6.2	-6.5	-6.4	-6.2	-5.0	-4.0	-4.5	-4.0	-3.5	-2.5	-2.5
80	-6.6	-6.2	-6.5	-6.7	-5.0	-4.3	-3.5	-3.8	-2.5	-2.0	-1.0	-1.0
100	-6.5	-6.3	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
125	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
150	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
200	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
250	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
315	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
400	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
500	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
630	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
800	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
1000	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
1250	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
1500	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
2000	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
2500	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
3150	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
4000	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
5000	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
6300	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
8000	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0
10000	-6.5	-6.5	-6.7	-6.7	-5.6	-4.5	-3.5	-3.5	-2.5	-2.0	-1.0	-1.0

Table with columns: FREQ., RADILOC, SCALE MODEL, RUN 26, T/D 12/11/68, SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY, ANGLES FROM INLET, and PML. Contains frequency data from 50 to 10000 Hz.

OASPL 159.1

DIRECTIVITY INDEX

Table with columns: FREQ., and Directivity Index values ranging from approximately -11.9 to 10.2. Includes sub-section for OASPL MEASURED and OASPL CALCULATED.

APPENDIX B

DATA FROM D/V II

(REF. VOLUME I SECTION IV)

DATE: 1/22/60

RADIAL DISTANCE 250

PAGE 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ:	2.0	16.2	25.0	36.0	47.2	58.7	67.0	78.0	82.0	90.0	100.2	110.0	120.0	130.0	140.0	150.0	160.2	170.0	180.0	190.0	200.0	(PHL)
50	60.16	60.40	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10
63	60.55	60.38	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12	60.12
80	60.09	60.34	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08	60.08
100	60.11	60.49	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17	60.17
125	60.71	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
160	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
200	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
250	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
315	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
400	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
500	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
630	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
800	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
1000	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
1250	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
1600	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
2000	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
2500	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
3150	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
4000	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
5000	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
6300	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
8000	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24
10000	60.11	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24

MEASURED OASPL	63.72	60.49	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23	60.23
CALCULATED OASPL	61.33	61.23	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19	60.19
P/CB		102.4	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0

AMBIENT TEMP 78.000
METEOROLOGICAL TEMP 60.000
BAR. PRESSURE 29.87
ABS. HUMIDITY 12.007

SCALE MODEL ACOUSTIC TEST T/D 0/28/60 R/D 0/29/69-S

0.0002 REGR 6 825005447

OASPL 140.0

RACIAL DISTANCE 256

DATE: 4/2/69

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET															
	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
54	-3.23	-0.742	-5.20	-4.68	-1.59	2.179	2.483	-1.059	-1.07	-1.04	0.933	3.100	180.0	140.0	100.0	170.0
63	-8.54	-0.12	-2.10	-2.72	-4.37	-1.591	-3.17	3.725	-5.43	-2.10	-2.35	3.104	180.0	140.0	100.0	170.0
80	1.506	1.706	1.40	1.616	1.37	1.021	1.79	1.028	-1.24	-1.10	-2.35	2.202	180.0	140.0	100.0	170.0
100	1.704	1.322	1.039	1.033	1.033	1.033	1.033	1.033	-3.05	-1.02	-1.02	1.409	180.0	140.0	100.0	170.0
125	-3.09	-1.33	-4.13	-3.47	-3.46	-1.03	-1.04	-1.01	-3.02	-1.02	-1.02	1.409	180.0	140.0	100.0	170.0
160	-7.06	-1.57	-5.15	-3.42	-4.74	-1.03	-1.03	-1.02	-4.30	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
200	-4.73	-2.10	-4.04	-2.42	-2.43	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
250	-1.06	-1.25	-1.12	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
315	-3.04	-1.20	-1.12	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
400	-2.44	-1.23	-1.14	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
500	-3.06	-1.74	-1.21	-1.27	-1.27	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
600	-4.06	-1.12	-1.20	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
750	-6.12	-1.04	-1.20	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
1000	-4.10	-1.77	-1.15	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
1250	-5.10	-1.37	-1.14	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
1600	-7.17	-1.57	-1.24	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
2000	-6.46	-1.205	-1.24	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
2500	-8.73	-1.74	-1.24	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
3150	-7.12	-1.77	-1.24	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
4000	-8.12	-1.87	-1.24	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
5000	-6.49	-1.10	-1.24	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
6300	-7.06	-1.10	-1.24	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
8000	-7.17	-1.24	-1.24	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0
10000	-7.17	-1.24	-1.24	-1.24	-1.24	-1.03	-1.03	-1.02	-2.51	-1.03	-1.03	1.409	180.0	140.0	100.0	170.0

AMBIENT TEMP, 70.00
 REFERENCE TEMP, 66.00
 BAR, PRESSURE 29.87
 ABS. HUMIDITY 12.09

SCALE MODEL ACOUSTIC TEST T/U 8/28/69 R/L 8/29/69-B
 RUN#2 RDM# 6 SPEED#5447

DATE: 8/28/67

RADIAL DISTANCE 252

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	30.0	42.2	52.7	67.2	78.0	87.7	92.0	100.0	110.2	122.2	130.2	140.2	150.0	160.0	170.0	(PHL)
72	71.00	71.22	72.12	64.88	65.88	67.26	68.35	69.28	67.83	68.48	68.68	69.78	69.09	72.80	73.25	127.2
82	62.04	60.96	60.11	61.59	62.07	63.43	64.19	63.63	65.29	66.37	67.44	68.77	73.09	73.36	75.08	127.2
102	71.00	68.96	61.72	62.22	62.07	62.32	63.02	63.17	63.29	63.31	67.38	68.72	68.18	71.97	72.28	127.4
122	72.00	72.30	69.11	72.73	67.16	68.45	66.41	68.04	69.96	69.25	66.14	70.16	68.34	71.97	72.28	127.4
142	63.03	43.24	62.08	62.41	63.27	61.71	64.48	65.83	70.21	67.29	67.34	68.25	69.11	72.52	72.91	124.5
162	63.03	54.27	64.08	64.14	62.15	62.95	64.35	65.99	68.51	67.41	67.83	68.23	67.84	69.09	67.95	124.5
182	62.10	65.45	61.38	62.08	62.08	61.71	61.99	62.57	62.58	62.43	71.25	68.48	68.09	69.73	69.49	120.1
202	59.08	57.80	58.77	61.58	57.54	57.43	58.14	59.00	61.86	61.86	58.88	58.41	61.49	61.37	62.42	120.1
222	58.23	59.79	62.19	61.53	61.95	62.44	61.19	62.51	63.39	63.45	61.50	61.44	60.17	62.10	62.83	117.0
242	61.00	60.09	64.05	64.33	64.33	64.02	64.15	64.49	63.61	62.78	64.50	64.72	63.84	67.72	68.29	120.0
262	64.17	60.84	68.33	68.17	68.08	67.46	68.28	68.58	69.43	70.00	69.45	70.00	69.85	67.84	68.99	120.5
282	65.25	60.08	70.11	69.22	69.05	68.81	69.11	70.00	70.11	70.00	70.45	70.00	69.85	67.84	68.99	120.5
302	66.04	61.05	72.23	69.62	69.78	69.03	69.77	69.13	68.48	68.54	70.33	69.71	68.04	67.85	67.81	120.1
322	64.42	61.63	72.31	71.34	69.07	69.34	69.20	68.42	68.54	70.54	70.53	70.71	68.62	68.62	67.89	120.1
342	66.25	71.31	74.14	73.93	74.97	72.62	71.08	73.16	73.16	73.87	74.82	74.12	70.19	68.41	70.72	132.0
362	66.44	71.32	74.84	73.66	72.96	70.43	70.98	71.32	72.80	72.80	72.80	72.80	70.33	69.88	69.43	131.7
382	67.32	72.63	74.44	73.56	73.82	74.65	75.82	73.67	74.45	74.66	76.26	75.64	72.33	69.51	72.43	133.5
402	71.00	70.01	82.70	81.32	81.81	79.62	78.08	81.22	81.22	81.22	81.20	82.95	74.70	72.87	74.78	141.1
422	75.12	81.86	83.18	80.63	81.33	81.33	81.33	81.33	81.33	81.33	81.33	81.33	81.33	81.33	81.33	141.1
442	67.00	71.27	75.35	75.05	75.11	74.48	74.38	74.38	74.38	74.38	77.00	77.00	73.00	72.22	72.22	137.0
462	69.08	71.12	77.81	77.03	76.85	77.82	76.85	76.85	76.85	76.85	79.34	79.34	73.00	72.22	72.22	137.0
482	68.75	70.24	78.03	78.74	77.74	77.82	76.61	77.36	76.84	77.32	78.14	79.58	78.14	71.09	73.45	138.0
502	66.40	70.00	75.33	76.06	74.97	73.66	73.54	74.61	75.79	74.75	76.79	76.24	72.05	69.26	73.45	138.0

MEASURED OASPL
CALCULATED OASPL
P/LB

AMBIENT TEMP 76.00
METEORO TEMP 66.00
BAR. PRESSURE 29.87
ABS. HUMIDITY 12.09

SCALE MODEL ACOUSTIC TEST T/C 8/28/69 R/D 8/29/69-8
RUN#2 MCG 7 SPEED=9734

150.3

OASPL1

SCALY PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
30	12.99	12.53	12.16	11.82	11.51	11.22	10.95	10.71	10.49	10.28	10.08	9.89	9.71	9.54	9.38	9.23	9.08	8.94
60	12.57	12.11	11.74	11.40	11.09	10.81	10.54	10.30	10.07	9.86	9.66	9.47	9.29	9.12	8.96	8.81	8.66	8.52
90	12.15	11.69	11.32	11.00	10.71	10.44	10.18	9.94	9.72	9.51	9.31	9.12	8.94	8.77	8.61	8.46	8.31	8.17
120	11.74	11.28	10.91	10.59	10.31	10.05	9.81	9.58	9.36	9.15	8.96	8.78	8.61	8.45	8.30	8.15	8.00	7.86
150	11.34	10.88	10.51	10.19	9.92	9.67	9.43	9.21	9.00	8.80	8.61	8.43	8.26	8.10	7.95	7.80	7.65	7.51
180	10.95	10.49	10.12	9.80	9.54	9.30	9.07	8.85	8.64	8.44	8.25	8.07	7.90	7.74	7.59	7.44	7.29	7.15
210	10.57	10.11	9.74	9.42	9.16	8.92	8.69	8.47	8.26	8.06	7.87	7.69	7.52	7.36	7.21	7.06	6.91	6.77
240	10.20	9.74	9.37	9.05	8.79	8.55	8.32	8.10	7.89	7.69	7.50	7.32	7.15	7.00	6.85	6.70	6.55	6.41
270	9.84	9.38	9.01	8.69	8.43	8.19	7.96	7.74	7.53	7.33	7.14	6.96	6.79	6.64	6.49	6.34	6.19	6.05
300	9.50	9.04	8.67	8.35	8.09	7.85	7.62	7.40	7.19	7.00	6.81	6.63	6.46	6.31	6.16	6.01	5.86	5.72
330	9.17	8.71	8.34	8.02	7.76	7.52	7.29	7.07	6.86	6.66	6.47	6.29	6.12	5.97	5.82	5.67	5.52	5.38
360	8.85	8.39	8.02	7.70	7.44	7.20	6.97	6.75	6.54	6.34	6.15	5.97	5.80	5.65	5.50	5.35	5.20	5.06

Scale Model Acoustic Test 7/0 0/28/69 3/0 P/29/69-3
 Scale: 1000 7 3-69-09734
 Angle: Temp 76.26
 Ref: Bulb Temp 66.22
 Bar: Pressure 29.27
 Abs: Humidity 42.09

DATE: 6/25/67

RACIAL DISTANCE 256

PAGE: 1

SOON PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	26.0	26.1	30.7	42.2	52.0	67.2	72.0	72.0	90.0	100.2	110.2	120.2	130.0	140.0	150.0	170.0	(PH)
52	69.15	66.77	67.39	66.59	66.88	66.16	66.41	67.06	67.23	68.08	68.78	70.38	70.69	71.34	72.15	73.15	127.1
63	62.46	62.23	65.73	65.78	63.11	63.66	63.03	62.29	66.73	67.73	68.19	71.62	73.16	73.82	76.15	76.82	128.1
67	61.96	61.68	62.79	63.74	63.63	63.62	63.03	62.21	66.94	67.05	68.78	70.25	73.58	74.59	76.23	76.82	129.1
122	64.32	64.93	65.47	64.31	66.41	65.29	65.17	64.31	64.05	64.35	65.19	66.87	69.12	71.16	72.32	72.59	129.2
125	64.22	64.27	63.66	63.29	64.11	63.22	63.63	63.42	63.15	63.66	64.56	66.07	67.46	69.16	71.16	72.32	129.9
126	62.88	62.13	61.68	62.27	63.77	62.16	62.11	61.62	62.11	62.74	63.54	65.55	66.14	67.55	68.14	71.55	125.4
222	63.12	62.49	63.15	63.12	62.49	62.41	62.41	62.41	62.41	62.41	62.41	62.41	62.41	62.41	62.41	62.41	127.1
227	63.12	62.49	63.15	63.12	62.49	62.41	62.41	62.41	62.41	62.41	62.41	62.41	62.41	62.41	62.41	62.41	127.1
315	61.93	60.55	60.25	59.53	58.71	57.24	58.35	58.29	60.13	61.30	63.02	64.23	66.19	68.74	65.17	68.74	128.1
422	61.93	60.55	60.25	59.53	58.71	57.24	58.35	58.29	60.13	61.30	63.02	64.23	66.19	68.74	65.17	68.74	128.1
522	62.17	62.24	60.82	62.11	62.75	62.14	62.34	62.32	62.54	62.82	63.13	63.58	64.12	64.62	65.16	65.67	128.2
632	63.02	60.42	60.11	59.25	58.74	57.24	58.35	58.29	60.13	61.30	63.02	64.23	66.19	68.74	65.17	68.74	128.9
822	63.15	60.42	60.11	59.25	58.74	57.24	58.35	58.29	60.13	61.30	63.02	64.23	66.19	68.74	65.17	68.74	128.9
1022	63.14	60.42	60.11	59.25	58.74	57.24	58.35	58.29	60.13	61.30	63.02	64.23	66.19	68.74	65.17	68.74	128.9
1227	60.24	59.76	72.02	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	128.0
1522	60.24	59.76	72.02	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	60.24	128.0
2022	60.47	72.86	73.06	72.34	73.33	72.11	73.14	72.92	72.46	72.54	73.06	74.27	74.11	69.78	73.07	73.07	130.7
2532	60.68	76.59	75.96	77.72	77.74	76.82	77.55	75.24	77.32	77.68	75.08	76.91	74.18	61.83	73.09	73.09	130.7
3122	71.19	78.92	70.44	82.22	81.22	82.25	79.08	79.72	80.16	81.18	80.16	81.18	80.16	81.18	80.16	81.18	130.7
4222	77.91	82.53	87.08	82.52	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	82.82	130.7
5222	67.93	76.96	77.93	76.24	76.99	75.94	76.78	76.39	76.94	77.24	77.44	77.75	74.08	74.77	73.19	73.19	130.6
6322	71.27	77.66	77.26	78.51	79.74	79.74	79.74	79.74	79.74	79.74	79.74	79.74	79.74	79.74	79.74	79.74	131.0
8222	69.16	78.55	79.26	78.77	77.95	77.38	78.31	78.72	78.00	77.95	75.07	74.96	74.11	72.62	73.09	73.09	141.0
10222	67.49	73.66	76.28	77.11	75.91	74.62	73.91	73.61	75.08	74.22	75.07	74.76	73.08	61.65	73.08	73.08	141.1
MEASURED OASPL	63.69	69.46	91.12	91.31	92.16	92.89	90.41	91.62	92.73	93.35	95.04	95.06	90.48	87.28	89.88	89.88	
CALCULATED OASPL	82.18	87.91	90.15	92.45	91.75	94.87	90.06	93.06	95.95	94.13	99.44	91.39	87.00	80.15	87.03	87.03	
PUB	97.59	102.0	105.6	105.9	107.5	106.6	104.2	115.5	106.4	107.7	105.2	107.5	102.3	106.7	102.3	102.3	

AMBIENT TEMP. 81.22
METEOROLOGICAL TEMP. 57.04
BAR PRESSURE 25.87
ABS HUMIDITY 12.00

SCALE MODEL ACC-511; TEST T/U 0720/69 R/U 8/29/69-3

RUNAC RDRG 2 SPCB0021

OASPL

191.5

RACIAL DISTANCE 254

DATE: 6/28/69

SCALING PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	10.2	20.4	32.1	44.2	52.2	67.7	78.2	87.2	100.2	120.8	132.0	144.2	150.2	160.2	172.0 (PH)
57	-7.24	-6.25	-5.92	-5.45	-4.92	-4.21	-3.13	-2.08	-1.44	-0.16	0.51	1.09	2.02	3.34	7.02
63	-6.45	-5.26	-4.45	-3.72	-2.92	-2.11	-1.13	-0.08	0.23	-0.96	-1.29	-2.05	-3.08	-4.39	6.92
67	-6.55	-5.24	-4.17	-3.23	-2.23	-1.34	-0.35	0.04	0.46	-1.21	-1.77	-2.82	-4.15	-5.77	6.94
125	-5.51	-4.77	-3.17	-2.14	-1.04	-0.08	0.10	0.09	0.37	-1.07	-1.64	-2.39	-3.42	-4.85	3.85
161	-6.17	-5.63	-3.92	-2.90	-1.80	-0.89	-0.19	0.05	0.21	-1.46	-2.19	-3.02	-4.08	-5.31	3.75
222	-2.07	-2.44	-0.36	0.44	1.12	1.72	2.14	2.39	2.58	1.32	0.52	0.19	0.07	0.01	1.54
315	-2.01	-2.28	-0.78	-0.37	0.11	0.72	1.10	1.36	1.55	0.38	0.04	-0.03	0.13	0.19	1.54
422	-3.56	-4.22	-2.41	-1.77	-1.07	-0.34	0.02	0.05	0.09	-1.29	-2.07	-2.96	-4.04	-5.34	1.05
522	-4.54	-5.19	-3.08	-2.22	-1.30	-0.68	-0.10	0.06	0.08	-1.58	-2.49	-3.52	-4.72	-6.08	0.79
632	-4.20	-4.73	-2.68	-1.84	-1.03	-0.66	-0.12	0.02	0.03	-1.87	-2.92	-4.07	-5.35	-6.74	0.40
822	-3.92	-4.37	-2.37	-1.57	-0.89	-0.61	-0.17	0.02	0.02	-2.17	-3.34	-4.61	-6.02	-7.52	0.23
1222	-6.42	-7.04	-4.94	-3.46	-2.40	-1.77	-1.10	-0.54	-0.12	-2.48	-3.81	-5.24	-6.77	-8.42	0.13
2222	-7.02	-7.67	-5.53	-3.95	-2.80	-2.06	-1.38	-0.89	-0.48	-3.04	-4.51	-6.04	-7.64	-9.35	0.08
3152	-8.23	-8.93	-6.85	-5.25	-3.95	-2.92	-2.00	-1.40	-0.97	-3.69	-5.27	-6.94	-8.71	-10.58	0.01
4222	-9.25	-9.94	-7.92	-6.33	-4.85	-3.61	-2.60	-1.90	-1.33	-4.38	-6.07	-7.86	-9.75	-11.75	0.00
5222	-10.25	-10.92	-8.92	-7.35	-5.85	-4.51	-3.40	-2.60	-2.00	-5.07	-6.87	-8.77	-10.78	-12.99	0.00
6322	-11.22	-11.87	-9.87	-8.30	-6.80	-5.46	-4.35	-3.55	-2.95	-5.76	-7.57	-9.48	-11.51	-13.64	0.00
8222	-12.22	-12.87	-10.87	-9.30	-7.80	-6.46	-5.35	-4.55	-3.95	-6.45	-8.27	-10.18	-12.21	-14.88	0.00

AMBIENT TEMP: 91.20
 MET-BUBBLE TEMP: 67.20
 BAR. PRESSURE: 24.27
 ABS. HUMIDITY: 12.60

SCALE MODF. ACOUSTIC TEST T/C 8/28/69 R/C 8/29/69-3

RUN#2 RDM# 8 SRES#6224

DATE: 6/28/62

RADIAL DISTANCE 252

PAGE 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

ANGLE FROM INLET

REQ	2.1	2.2	30.0	45.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
1	72.94	73.25	71.92	71.45	69.23	72.00	75.34	72.75	73.45	74.06	78.58	71.11	67.88	75.40	78.28	120.4				
2	64.52	64.46	67.10	73.53	55.44	66.63	60.55	73.43	67.96	71.12	60.73	70.08	73.52	75.01	78.49	120.4				
3	73.04	73.03	73.11	72.12	68.82	65.74	60.27	76.41	70.42	69.38	69.09	70.98	68.83	74.45	77.42	120.4				
4	66.70	67.23	60.32	65.59	66.89	67.14	67.75	69.31	72.23	74.02	72.89	71.82	72.59	74.33	76.24	120.4				
5	67.45	68.20	60.91	65.79	64.67	65.62	67.87	68.47	69.17	69.79	69.74	70.48	72.82	72.29	73.00	120.4				
6	64.70	62.58	64.70	62.42	64.21	62.31	60.77	67.03	70.36	72.35	72.37	71.83	71.38	68.10	69.73	120.4				
7	66.61	71.03	64.71	61.45	66.22	61.68	66.94	64.21	60.22	61.32	64.38	63.59	65.43	62.32	62.32	120.4				
8	61.28	69.74	62.29	62.42	59.91	59.43	59.13	62.53	63.38	63.44	60.73	61.51	64.73	64.92	62.57	120.4				
9	62.44	63.37	63.72	63.24	64.45	62.43	65.14	61.42	61.18	62.09	63.95	67.35	72.48	69.24	66.33	120.4				
10	63.07	62.97	67.49	66.52	67.35	66.21	65.00	65.55	65.34	65.94	68.83	71.83	72.48	69.76	69.80	120.4				
11	66.85	69.27	72.08	71.54	72.33	69.88	72.27	69.15	69.00	70.17	71.24	72.77	73.34	69.73	71.87	120.4				
12	67.02	72.74	73.62	72.33	71.39	71.84	72.09	71.49	72.52	72.17	72.72	73.19	74.47	68.17	69.31	120.4				
13	67.38	71.28	74.17	71.31	73.81	70.30	72.19	71.14	71.22	72.82	72.33	72.35	71.58	68.08	70.38	120.4				
14	66.52	73.14	70.67	77.58	77.84	75.64	74.14	75.34	74.82	75.32	70.80	75.22	72.36	70.05	72.44	120.4				
15	67.75	73.33	75.41	74.05	74.65	73.88	74.17	73.09	74.53	74.26	74.66	74.04	71.09	69.82	74.87	120.4				
16	69.11	77.17	75.14	78.18	78.45	77.42	78.44	78.35	78.28	78.76	78.48	78.12	74.27	68.17	70.80	120.4				
17	72.25	79.33	84.48	83.34	82.13	82.50	82.13	81.40	81.75	81.08	80.81	80.85	78.12	71.97	75.00	120.4				
18	70.65	82.74	89.30	89.54	88.44	88.01	85.06	88.71	88.22	87.08	87.21	86.06	82.71	82.18	82.77	120.4				
19	68.21	76.86	74.00	77.40	77.78	76.03	75.33	78.03	79.62	79.08	78.32	77.10	74.66	72.49	73.10	120.4				
20	71.93	78.58	78.01	80.13	81.88	80.72	82.08	83.08	83.28	84.30	82.28	81.20	77.54	78.49	76.43	120.4				
21	69.12	78.79	79.91	79.41	78.52	77.17	78.97	78.08	80.00	80.84	78.56	78.00	78.48	73.43	73.43	120.4				
22	68.19	75.79	78.82	77.40	75.78	74.14	74.87	74.43	74.88	75.36	79.09	78.40	73.82	69.19	73.43	120.4				
23	65.91	68.84	67.45	67.34	66.20	65.02	64.10	63.02	63.17	63.33	62.69	62.34	61.28	60.29	60.78	120.4				
24	63.91	69.07	67.25	67.27	65.84	64.73	63.99	63.12	63.09	62.19	61.09	60.46	59.49	58.47	58.47	120.4				
25	68.93	183.15	137.0	121.15	126.7	127.4	125.0	127.2	127.3	127.2	126.7	126.4	126.4	126.4	126.4	126.4				

MEASURED GASPL
 CALCULATED GASPL
 PNDM

AMBIENT TEMP. 61.00
 METEOROL TEMP. 67.00
 BAR. PRESSURE 29.80
 ABS. HUMIDITY 12.00

SCALE MODEL ACOUSTIC TEST T/O 6/28/69 P/O 6/29/69-3
 RUN# 4009 SPEED#015

152.7

0AMPLI

RADIAL DISTANCE 250

SOIL PRESSURE LEVELS DIRECTIVITY INDEX

DATE	TIME	TEMP	WIND	DIR	ANGLE FROM INLET	92.2	97.2	72.2	87.2	102.2	117.2	132.2	147.2	162.2	177.2
1.00	1.45	32.1	48.4	52.2	67.2	72.2	87.2	92.2	102.2	117.2	132.2	147.2	162.2	177.2	192.2
1.00	1.45	32.1	48.4	52.2	67.2	72.2	87.2	92.2	102.2	117.2	132.2	147.2	162.2	177.2	192.2
1.00	1.45	32.1	48.4	52.2	67.2	72.2	87.2	92.2	102.2	117.2	132.2	147.2	162.2	177.2	192.2
1.00	1.45	32.1	48.4	52.2	67.2	72.2	87.2	92.2	102.2	117.2	132.2	147.2	162.2	177.2	192.2
1.00	1.45	32.1	48.4	52.2	67.2	72.2	87.2	92.2	102.2	117.2	132.2	147.2	162.2	177.2	192.2
1.00	1.45	32.1	48.4	52.2	67.2	72.2	87.2	92.2	102.2	117.2	132.2	147.2	162.2	177.2	192.2
1.00	1.45	32.1	48.4	52.2	67.2	72.2	87.2	92.2	102.2	117.2	132.2	147.2	162.2	177.2	192.2
1.00	1.45	32.1	48.4	52.2	67.2	72.2	87.2	92.2	102.2	117.2	132.2	147.2	162.2	177.2	192.2
1.00	1.45	32.1	48.4	52.2	67.2	72.2	87.2	92.2	102.2	117.2	132.2	147.2	162.2	177.2	192.2
1.00	1.45	32.1	48.4	52.2	67.2	72.2	87.2	92.2	102.2	117.2	132.2	147.2	162.2	177.2	192.2

AMBIENT TEMP. 81.02
 MET-BULB TEMP. 67.02
 BAR. PRESSURE 29.25
 ABS. HUMIDITY 12.66

SCALE MODEL ACUSTIN TEST T/W 8/28/69 R/D 6/29/69-S
 RUNNER AC3= 9 SREBUE615.

DATE: 8/18/70

RADIAL DISTANCE 250

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ (Hz)	ANGLE FROM INLET															
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
50	72.69	74.40	75.12	75.84	76.56	77.28	78.00	78.72	79.44	80.16	80.88	81.60	82.32	83.04	83.76	84.48
63	69.22	69.94	70.66	71.38	72.10	72.82	73.54	74.26	74.98	75.70	76.42	77.14	77.86	78.58	79.30	80.02
80	61.73	64.45	67.17	69.89	72.61	75.33	78.05	80.77	83.49	86.21	88.93	91.65	94.37	97.09	99.81	102.53
100	52.49	53.99	55.49	56.99	58.49	59.99	61.49	62.99	64.49	65.99	67.49	68.99	70.49	71.99	73.49	74.99
125	45.01	46.74	48.47	50.20	51.93	53.66	55.39	57.12	58.85	60.58	62.31	64.04	65.77	67.50	69.23	70.96
160	38.00	40.00	42.00	44.00	46.00	48.00	50.00	52.00	54.00	56.00	58.00	60.00	62.00	64.00	66.00	68.00
200	31.21	34.45	37.69	40.93	44.17	47.41	50.65	53.89	57.13	60.37	63.61	66.85	70.09	73.33	76.57	79.81
250	25.88	30.11	34.34	38.57	42.80	47.03	51.26	55.49	59.72	63.95	68.18	72.41	76.64	80.87	85.10	89.33
315	19.81	24.53	29.25	33.97	38.69	43.41	48.13	52.85	57.57	62.29	67.01	71.73	76.45	81.17	85.89	90.61
400	13.29	18.58	23.87	29.16	34.45	39.74	45.03	50.32	55.61	60.90	66.19	71.48	76.77	82.06	87.35	92.64
500	8.66	13.95	19.24	24.53	29.82	35.11	40.40	45.69	50.98	56.27	61.56	66.85	72.14	77.43	82.72	88.01
630	6.13	11.42	16.71	22.00	27.29	32.58	37.87	43.16	48.45	53.74	59.03	64.32	69.61	74.90	80.19	85.48
800	4.17	9.46	14.75	20.04	25.33	30.62	35.91	41.20	46.49	51.78	57.07	62.36	67.65	72.94	78.23	83.52
1000	2.74	8.03	13.32	18.61	23.90	29.19	34.48	39.77	45.06	50.35	55.64	60.93	66.22	71.51	76.80	82.09
1250	1.82	7.11	12.40	17.69	22.98	28.27	33.56	38.85	44.14	49.43	54.72	60.01	65.30	70.59	75.88	81.17
1600	1.11	6.40	11.69	16.98	22.27	27.56	32.85	38.14	43.43	48.72	54.01	59.30	64.59	69.88	75.17	80.46
2000	0.74	5.73	11.02	16.31	21.60	26.89	32.18	37.47	42.76	48.05	53.34	58.63	63.92	69.21	74.50	79.79
2500	0.51	5.06	10.35	15.64	20.93	26.22	31.51	36.80	42.09	47.38	52.67	57.96	63.25	68.54	73.83	79.12
3150	0.35	4.39	9.68	14.97	20.26	25.55	30.84	36.13	41.42	46.71	52.00	57.29	62.58	67.87	73.16	78.45
4000	0.24	3.72	9.01	14.30	19.59	24.88	30.17	35.46	40.75	46.04	51.33	56.62	61.91	67.20	72.49	77.78
5000	0.17	3.05	8.34	13.63	18.92	24.21	29.50	34.79	40.08	45.37	50.66	55.95	61.24	66.53	71.82	77.11
6300	0.12	2.38	7.67	12.96	18.25	23.54	28.83	34.12	39.41	44.70	50.00	55.29	60.58	65.87	71.16	76.45
8000	0.08	1.71	7.00	12.29	17.58	22.88	28.17	33.46	38.75	44.04	49.33	54.62	59.91	65.20	70.49	75.78
10000	0.05	1.04	6.33	11.62	16.91	22.20	27.49	32.78	38.07	43.36	48.65	53.94	59.23	64.52	69.81	75.10

MEASURED CASPL
 CALCULATED CASPL
 PVDB

AMBIENT TEMP: 81.00
 MET-BUILD TEMP: 67.00
 BAR. PRESSURE: 29.92
 ABS. HUMIDITY: 12.00

SCALE MODEL ACOUSTIC TEST T/U 8/28/69 R/D R129/69MS
 RUN#2 RC081F SPEC#00437

0:PHL1

0:PHL1

RADIAL DISTANCE 292

DATE: 8/29/68

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLE FROM INLET										
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0
50	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
75	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77
100	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29
125	-1.81	-1.81	-1.81	-1.81	-1.81	-1.81	-1.81	-1.81	-1.81	-1.81	-1.81
150	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33	-2.33
175	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85
200	-3.37	-3.37	-3.37	-3.37	-3.37	-3.37	-3.37	-3.37	-3.37	-3.37	-3.37
225	-3.89	-3.89	-3.89	-3.89	-3.89	-3.89	-3.89	-3.89	-3.89	-3.89	-3.89
250	-4.41	-4.41	-4.41	-4.41	-4.41	-4.41	-4.41	-4.41	-4.41	-4.41	-4.41
275	-4.93	-4.93	-4.93	-4.93	-4.93	-4.93	-4.93	-4.93	-4.93	-4.93	-4.93
300	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45
325	-5.97	-5.97	-5.97	-5.97	-5.97	-5.97	-5.97	-5.97	-5.97	-5.97	-5.97
350	-6.49	-6.49	-6.49	-6.49	-6.49	-6.49	-6.49	-6.49	-6.49	-6.49	-6.49
375	-7.01	-7.01	-7.01	-7.01	-7.01	-7.01	-7.01	-7.01	-7.01	-7.01	-7.01
400	-7.53	-7.53	-7.53	-7.53	-7.53	-7.53	-7.53	-7.53	-7.53	-7.53	-7.53
425	-8.05	-8.05	-8.05	-8.05	-8.05	-8.05	-8.05	-8.05	-8.05	-8.05	-8.05
450	-8.57	-8.57	-8.57	-8.57	-8.57	-8.57	-8.57	-8.57	-8.57	-8.57	-8.57
475	-9.09	-9.09	-9.09	-9.09	-9.09	-9.09	-9.09	-9.09	-9.09	-9.09	-9.09
500	-9.61	-9.61	-9.61	-9.61	-9.61	-9.61	-9.61	-9.61	-9.61	-9.61	-9.61
525	-10.13	-10.13	-10.13	-10.13	-10.13	-10.13	-10.13	-10.13	-10.13	-10.13	-10.13
550	-10.65	-10.65	-10.65	-10.65	-10.65	-10.65	-10.65	-10.65	-10.65	-10.65	-10.65
575	-11.17	-11.17	-11.17	-11.17	-11.17	-11.17	-11.17	-11.17	-11.17	-11.17	-11.17
600	-11.69	-11.69	-11.69	-11.69	-11.69	-11.69	-11.69	-11.69	-11.69	-11.69	-11.69
625	-12.21	-12.21	-12.21	-12.21	-12.21	-12.21	-12.21	-12.21	-12.21	-12.21	-12.21
650	-12.73	-12.73	-12.73	-12.73	-12.73	-12.73	-12.73	-12.73	-12.73	-12.73	-12.73
675	-13.25	-13.25	-13.25	-13.25	-13.25	-13.25	-13.25	-13.25	-13.25	-13.25	-13.25
700	-13.77	-13.77	-13.77	-13.77	-13.77	-13.77	-13.77	-13.77	-13.77	-13.77	-13.77
725	-14.29	-14.29	-14.29	-14.29	-14.29	-14.29	-14.29	-14.29	-14.29	-14.29	-14.29
750	-14.81	-14.81	-14.81	-14.81	-14.81	-14.81	-14.81	-14.81	-14.81	-14.81	-14.81
775	-15.33	-15.33	-15.33	-15.33	-15.33	-15.33	-15.33	-15.33	-15.33	-15.33	-15.33
800	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85
825	-16.37	-16.37	-16.37	-16.37	-16.37	-16.37	-16.37	-16.37	-16.37	-16.37	-16.37
850	-16.89	-16.89	-16.89	-16.89	-16.89	-16.89	-16.89	-16.89	-16.89	-16.89	-16.89
875	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41
900	-17.93	-17.93	-17.93	-17.93	-17.93	-17.93	-17.93	-17.93	-17.93	-17.93	-17.93
925	-18.45	-18.45	-18.45	-18.45	-18.45	-18.45	-18.45	-18.45	-18.45	-18.45	-18.45
950	-18.97	-18.97	-18.97	-18.97	-18.97	-18.97	-18.97	-18.97	-18.97	-18.97	-18.97
975	-19.49	-19.49	-19.49	-19.49	-19.49	-19.49	-19.49	-19.49	-19.49	-19.49	-19.49
1000	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01

AMBIENT TEMP 61.00
 METEOR. TEMP 67.00
 BAR. PRESSURE 29.85
 ABS. HUMIDITY 12.46

SCALE MODEL ACOUSTIC TEST T/D 0/20/60 R/D 0/20/90-8
 RUN#2 R0019 SPEED=0037

RADIAL DISTANCE 254

DATE: 9/ 3/09

PAGE: 1

SUN. PRESSURE LEVELS REDUCED AT STANDARD DAY

ANGLE FROM INLET	16.0	21.0	32.2	44.0	56.0	67.7	78.7	87.0	100.2	110.8	120.0	130.0	140.2	150.0	170.0 (P.M.)
1-5	76.43	72.63	71.42	74.47	74.07	74.32	74.12	74.47	71.70	71.70	73.55	73.08	66.43	77.01	94.39
5	67.24	66.38	67.18	74.44	64.61	67.24	64.42	67.24	64.42	64.42	70.75	72.18	70.75	70.31	88.49
10	60.57	57.21	67.94	67.12	67.12	69.42	69.74	72.26	74.22	73.33	73.18	74.24	73.89	77.12	84.57
15	67.76	58.26	68.59	67.19	67.30	66.46	72.24	71.62	73.56	72.53	73.46	74.56	74.27	77.07	75.96
20	65.52	67.28	65.90	65.28	66.22	67.19	68.71	69.79	78.59	71.74	72.37	73.39	72.53	74.76	73.13
25	65.46	65.98	64.72	64.72	64.72	64.72	64.72	64.72	64.72	64.72	64.72	64.72	64.72	64.72	64.72
30	64.99	65.77	63.86	61.22	62.47	63.74	65.23	66.55	67.78	68.84	68.84	68.84	68.84	68.84	68.84
35	62.27	56.84	62.97	62.35	62.99	61.42	63.92	63.76	64.49	64.72	63.89	63.59	67.56	68.18	63.61
40	63.44	61.57	65.94	65.74	64.93	62.59	61.69	63.46	63.31	63.31	66.07	70.40	73.28	72.41	66.50
45	60.56	60.05	60.79	60.24	60.97	67.16	67.22	66.08	67.13	67.79	70.99	73.39	74.62	72.08	70.36
50	68.06	69.89	71.57	73.54	71.84	71.25	71.87	72.05	71.72	73.28	74.84	75.85	78.63	72.09	72.57
55	69.32	71.32	73.48	73.82	72.21	72.44	72.22	72.65	72.96	74.21	74.84	74.74	74.59	71.19	71.86
60	64.12	73.21	75.43	73.84	73.56	71.78	71.36	72.17	72.62	73.20	73.84	74.41	73.23	71.22	71.41
65	72.72	76.83	77.82	77.22	78.28	78.49	74.79	75.83	75.84	75.85	76.07	77.21	74.84	72.99	73.20
70	68.43	75.45	77.06	78.06	77.82	77.82	75.13	75.41	74.59	75.61	76.37	76.33	75.82	73.12	72.19
75	68.72	75.46	74.75	77.98	78.32	78.17	79.33	76.71	78.70	79.35	78.58	77.55	75.31	78.74	74.89
80	72.88	80.48	81.28	82.37	82.48	81.48	81.22	82.26	82.53	82.84	81.70	77.74	72.74	73.23	78.44
85	78.38	82.51	88.95	88.35	89.77	87.66	85.75	87.19	88.59	85.44	85.88	86.14	82.89	82.83	81.92
90	72.20	78.12	78.95	78.25	79.63	79.19	80.17	79.84	80.87	80.38	79.05	79.06	76.38	75.39	74.94
95	73.32	79.14	79.93	83.16	81.88	81.95	80.92	85.99	86.15	85.45	85.45	83.57	79.47	72.88	70.27
100	69.71	79.49	84.33	76.79	79.43	76.24	88.68	88.79	88.80	88.79	88.80	88.79	88.80	88.79	88.79
105	67.27	75.37	77.10	75.13	75.86	75.17	75.18	75.45	77.61	76.84	76.52	78.17	75.36	78.31	73.59
110	85.55	90.28	93.17	92.85	93.87	93.37	94.73	93.15	93.49	93.74	93.49	93.39	90.29	90.26	91.81
115	84.14	88.89	91.81	91.47	92.08	92.23	90.51	91.92	92.25	92.09	92.85	92.59	89.86	89.81	89.83
120	99.20	103.6	107.4	107.7	106.5	107.9	105.7	106.6	106.9	106.5	106.7	107.2	103.7	103.3	103.3

MEASURED CASPL
CALCULATED CASPL
F100

CASPL: 152.9

AMBIENT TEMP. 91.0K
WET-BULB TEMP. 67.0K
BAR. PRESSURE 29.90
HRS. HUMIDITY 12.86

SCALE HUEL ACQUATIC TEST 7/- 02/28/09 R/S. 9/3/09-3

SCALE HUEL: 152.9

RADIAL DISTANCE 224

DATE: 5/13/69

SOUND PRESSURE LEVELS, SPECTRAL INDEX

FREQ.	ANGLES FROM INLET				
	0°	32.0°	62.0°	92.0°	122.0°
57	16.81	-1.72	-2.07	-2.02	-1.35
61	1.22	-2.39	-2.33	-2.02	-1.57
67	1.09	-3.17	-2.59	-2.43	-1.84
87	1.05	-1.10	-2.19	-2.13	-1.84
125	4.17	-1.17	-2.97	-2.39	-1.84
135	4.04	-4.17	-4.92	-3.09	-1.30
142	4.73	-3.26	-4.15	-3.94	-1.13
162	4.34	-3.86	-5.12	-4.35	-1.04
227	1.17	-4.94	-3.13	-2.59	-1.84
282	1.03	-3.26	-2.59	-2.33	-1.35
315	4.17	-3.66	-3.20	-2.32	-1.84
422	4.11	-3.06	-3.25	-2.79	-1.13
527	4.43	-3.91	-3.23	-3.55	-0.89
627	3.94	-4.78	1.55	-1.07	-1.25
827	5.41	2.73	2.25	1.36	1.37
1027	4.14	-3.27	1.72	1.52	1.16
1227	5.06	-1.55	1.42	1.62	1.58
1427	7.10	-1.37	1.41	1.61	1.72
1627	-6.94	-4.99	-2.31	1.81	1.85
2027	-8.27	-7.74	1.52	1.26	1.81
2427	-8.96	-4.31	1.58	1.87	2.33
2827	-8.76	-4.09	1.25	1.75	1.95
3227	-14.12	-4.39	-3.59	-3.71	-1.71
3627	-9.07	-3.81	1.93	1.25	1.58
4027	-9.42	-1.37	4.93	-1.15	1.68
4427					
4827					
5227					
5627					
6027					
6427					
6827					
7227					

AIRBENT TEMP. 61.88
 METROD. TEMP. 67.28
 BAR. PRESSURE 29.10
 ABS. HUMIDITY 46.69

SCALE MODEL ACUSTIC TEST T/U 8/28/69 R/O 9/3/69-3

RUN2 RE011 SPEND=0582

DATE: 7/23/69

RADIAL DISTANCE 254

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SOIL PRESSURE LEVELS REDUCED AT STANDARD DAY

PROF.	3.6	1.4	2.6	3.2	4.6	5.2	7.2	8.7	92.2	102.8	110.8	122.8	132.8	142.2	152.7	162.2	170.8 (PH)
63	73.42	71.55	74.63	68.59	68.83	76.32	74.48	74.77	71.39	72.52	73.53	74.35	69.83	70.17	82.31	134.2	
67	66.49	67.75	68.56	72.50	68.31	68.08	68.32	73.79	72.77	73.59	73.59	74.95	74.86	79.98	82.66	134.8	
102	66.32	68.93	69.38	69.69	68.80	69.03	69.09	72.77	71.22	72.02	73.92	75.21	72.96	79.05	81.22	135.1	
125	68.73	69.08	68.97	68.55	66.37	72.64	72.26	73.44	73.91	73.08	75.48	76.48	75.07	79.09	82.22	135.3	
152	68.92	69.44	68.57	68.50	68.45	72.54	73.94	76.21	77.88	74.48	75.79	78.53	71.81	80.88	79.40	135.9	
162	64.36	66.30	66.92	62.59	67.48	68.73	68.92	71.84	71.98	71.32	74.25	75.19	75.17	77.39	78.78	136.9	
207	64.99	68.28	65.38	68.39	68.36	67.49	68.82	74.88	74.88	73.88	73.88	74.23	72.81	74.10	74.43	138.7	
250	64.55	64.44	62.86	64.48	63.84	64.32	66.94	67.59	72.97	74.09	73.58	74.29	71.99	71.25	72.43	139.1	
315	62.51	61.09	54.42	63.50	62.98	62.54	53.42	64.36	65.31	66.78	66.62	66.19	69.34	69.94	66.61	140.1	
402	61.62	65.09	66.85	67.5	67.39	65.7	55.36	65.29	65.14	67.49	69.26	72.24	75.89	74.21	59.07	147.0	
502	67.09	62.37	68.29	72.52	70.76	69.56	63.56	69.28	69.41	70.18	72.69	72.26	70.34	76.09	72.39	150.8	
632	68.62	71.23	72.04	73.51	72.48	72.02	73.59	73.85	74.87	74.95	75.78	77.21	77.68	74.76	73.07	153.4	
822	65.66	72.14	73.59	73.6	72.58	72.64	73.25	73.77	74.88	73.79	76.84	74.59	74.18	73.39	73.11	153.6	
1202	68.83	73.12	74.12	73.0	72.48	72.2	71.84	72.92	73.82	74.2	75.26	74.64	74.32	72.97	72.44	153.8	
1252	66.51	71.71	72.34	71.97	72.27	74.68	72.81	72.25	72.53	73.72	73.96	73.8	75.12	72.12	72.72	154.2	
1624	66.89	73.16	76.32	76.3	77.07	75.09	74.49	75.71	75.68	77.67	77.45	73.68	72.48	71.91	154.7		
2222	66.12	74.58	75.43	75.16	74.37	72.96	74.36	73.89	74.49	75.61	76.98	76.08	73.34	72.42	71.94	154.8	
2522	65.23	77.98	75.39	76.7	76.23	77.34	78.51	74.58	78.15	79.41	76.53	76.37	73.64	69.88	71.96	157.5	
3122	72.68	82.58	81.59	81.2	81.34	84.2	84.39	81.28	81.44	82.72	82.38	81.35	78.27	71.32	77.88	158.4	
4322	77.89	85.12	86.28	89.48	86.47	88.39	87.47	87.62	85.46	84.69	85.49	84.86	82.31	83.31	88.96	147.4	
5088	73.52	82.89	83.48	82.89	83.87	83.99	84.21	83.67	82.46	82.34	81.59	81.09	78.97	79.46	77.11	148.8	
6382	72.59	78.94	79.21	82.4	82.64	81.18	82.64	85.46	87.81	84.97	86.77	83.84	84.64	72.74	78.18	148.6	
8222	72.38	86.44	79.47	82.44	79.92	79.43	79.79	79.96	81.89	82.33	83.64	83.29	77.84	75.64	75.48	148.8	
12232	68.38	77.11	76.57	77.59	77.47	77.16	78.36	77.38	79.13	79.96	81.59	82.13	77.4	72.38	73.26	149.6	
MEASURED DASPL	85.22	91.28	92.96	92.73	93.41	93.11	92.94	93.92	93.94	93.06	94.22	93.88	91.49	91.09	92.39	149.2	
CALCULATED DASPL	84.22	92.31	91.72	91.19	92.22	92.33	91.74	92.65	92.61	92.41	92.84	92.39	98.18	98.67	91.87	149.4	
PNDB	96.65	105.3	107.2	108.4	107.7	107.4	107.2	107.6	107.7	108.6	108.8	108.4	107.8	107.2	107.4	153.5	

AMBIENT TEMP. 81.80
 MEDIUM TEMP. 67.28
 WAF. PRESSURE 29.86
 ABS. HUMIDITY 12.68

SCALE MODEL ACOUSTIC TEST 7/23/69 R/E 9/3/69-3
 RUN#2 R06#17 S#62#6927

DATE: 9/23/69

RACIAL DISTANCE 254

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SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	1.0	1.6	2.5	3.6	4.2	5.1	6.7	7.2	8.2	9.2	10.2	11.2	12.2	13.6	14.6	15.6	16.6	17.6	18.6
57	-1.99	-1.07	-1.39	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
63	-7.49	-6.23	-5.52	-5.41	-5.41	-5.41	-5.41	-5.41	-5.41	-5.41	-5.41	-5.41	-5.41	-5.41	-5.41	-5.41	-5.41	-5.41	-5.41
67	-4.02	-4.26	-3.88	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19	-4.19
112	-5.21	-5.16	-5.28	-5.19	-5.19	-5.19	-5.19	-5.19	-5.19	-5.19	-5.19	-5.19	-5.19	-5.19	-5.19	-5.19	-5.19	-5.19	-5.19
125	-6.05	-6.72	-7.19	-7.15	-7.15	-7.15	-7.15	-7.15	-7.15	-7.15	-7.15	-7.15	-7.15	-7.15	-7.15	-7.15	-7.15	-7.15	-7.15
167	-6.77	-6.24	-6.22	-6.24	-6.24	-6.24	-6.24	-6.24	-6.24	-6.24	-6.24	-6.24	-6.24	-6.24	-6.24	-6.24	-6.24	-6.24	-6.24
227	-6.99	-5.12	-6.22	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39
288	-6.95	-6.16	-7.74	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32
375	-3.75	-3.85	-1.12	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
488	-5.16	-3.98	-2.42	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
622	-4.29	-2.63	-2.52	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
822	-5.07	-3.25	-2.45	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
838	-5.99	-1.92	-1.2	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
1222	-4.73	-1.42	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
1252	-4.74	-1.84	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
1522	-7.19	-2.79	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
2222	-6.59	-1.15	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
2522	-6.12	-2.67	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
3152	-8.12	-4.13	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
4222	-8.74	-2.19	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
5222	-9.98	-4.09	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
6322	-12.5	-4.29	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
8222	-9.95	-3.64	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
12222	-12.11	-1.38	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23

APERTURE 31.00
 MET-BULB TEMP 67.00
 BAR PRESSURE 26.00
 ABS. HUMIDITY 52.00

SCALE MODEL ACOUSTIC TEST T/W 8/20/69 R/C 9/3/69-3
 R-142 40312 SPEN-0087

DATE: 4/23/69

RADI'L DISTANCE 25W

PAGE: 1

SOUL PRESSURE LEVELS REDUCED AT STANDARD DAY

ANGLE FROM INLET

PRE	10.2	2.1	30.2	4.2	5.1	6.2	7.1	8.2	9.2	10.2	11.2	12.2	13.2	14.0	15.0	16.0	170.0	(PHL)
131.0	71.29	74.47	85.29	64.59	69.92	74.81	72.23	75.00	79.19	73.07	75.08	70.23	80.15	85.08	81.44	84.21	87.00	131.0
132.0	59.22	69.42	69.46	67.46	72.59	74.86	77.78	75.89	79.04	76.55	78.86	75.12	81.41	84.21	87.00	91.79	94.58	132.0
133.0	73.28	73.74	72.59	72.59	71.49	72.41	72.39	73.48	73.48	73.14	73.77	73.58	73.45	73.45	73.45	73.45	73.45	133.0
134.0	69.99	74.15	72.18	69.59	70.96	72.64	73.26	73.26	73.26	73.26	73.26	73.26	73.26	73.26	73.26	73.26	73.26	134.0
135.0	65.15	67.29	66.21	66.21	67.48	69.14	71.50	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	135.0
136.0	62.92	68.88	67.83	67.83	67.48	67.48	67.48	67.48	67.48	67.48	67.48	67.48	67.48	67.48	67.48	67.48	67.48	136.0
137.0	63.28	69.28	68.23	68.23	69.46	70.92	72.64	73.26	73.26	73.26	73.26	73.26	73.26	73.26	73.26	73.26	73.26	137.0
138.0	64.12	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	138.0
139.0	68.82	74.45	74.18	72.51	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	139.0
140.0	69.18	74.69	72.45	72.45	73.26	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	140.0
141.0	68.17	74.59	74.08	74.08	74.08	74.08	74.08	74.08	74.08	74.08	74.08	74.08	74.08	74.08	74.08	74.08	74.08	141.0
142.0	67.16	69.98	72.36	72.36	73.26	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	74.18	142.0
143.0	69.13	71.97	73.27	74.47	74.47	74.47	74.47	74.47	74.47	74.47	74.47	74.47	74.47	74.47	74.47	74.47	74.47	143.0
144.0	72.39	78.99	78.87	76.51	77.27	78.85	79.38	79.38	79.38	79.38	79.38	79.38	79.38	79.38	79.38	79.38	79.38	144.0
145.0	67.13	70.91	73.12	73.12	73.12	73.12	73.12	73.12	73.12	73.12	73.12	73.12	73.12	73.12	73.12	73.12	73.12	145.0
146.0	69.12	75.08	75.17	77.56	77.11	78.41	78.41	78.41	78.41	78.41	78.41	78.41	78.41	78.41	78.41	78.41	78.41	146.0
147.0	73.12	79.47	79.00	82.58	82.58	82.58	82.58	82.58	82.58	82.58	82.58	82.58	82.58	82.58	82.58	82.58	82.58	147.0
148.0	76.14	82.91	83.00	82.24	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	148.0
149.0	74.47	81.38	83.19	82.29	84.39	84.39	84.39	84.39	84.39	84.39	84.39	84.39	84.39	84.39	84.39	84.39	84.39	149.0
150.0	72.23	77.31	77.21	82.29	82.29	82.29	82.29	82.29	82.29	82.29	82.29	82.29	82.29	82.29	82.29	82.29	82.29	150.0
151.0	72.06	78.66	77.61	76.68	78.85	77.72	79.66	80.51	81.57	81.44	81.44	81.44	81.44	81.44	81.44	81.44	81.44	151.0
152.0	69.19	75.98	75.53	77.29	78.88	77.27	79.93	79.93	79.93	79.93	79.93	79.93	79.93	79.93	79.93	79.93	79.93	152.0
153.0	65.39	68.38	61.99	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	68.29	153.0
154.0	64.24	68.98	68.92	62.36	61.41	60.71	62.36	62.36	62.36	62.36	62.36	62.36	62.36	62.36	62.36	62.36	62.36	154.0
155.0	90.47	102.3	105.17	105.2	106.3	105.17	105.17	105.17	105.17	105.17	105.17	105.17	105.17	105.17	105.17	105.17	105.17	155.0

MEASURED CASPL
CALCULATED CASPL

AIRLET TEMP. 62.89
RETURLN TEMP. 65.89
BAR PRESSURE 29.85
ABS. HUMIDITY 13.82

SCALE MODEL ACOUSTIC TEST T/C 8/28/69 R/C 5/3/69-C

RUN#2 N-9013

SPEER724

CASPLS

155.3

RADIAL DISTANCE 25%

DATE 9/23/69

SCALE PRESSURE LEVELS DIRECTIVITY INDEX

REP	10.2	2.0	32.2	40.2	51.7	62.7	72.7	80.7	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2		
51	-3.02	-2.94	-3.02	-4.16	-2.37	-4.03	-4.31	-3.02	-2.43	-2.04	1.04	-1.93	1.749	-3.19	0.225	9.132						
52	-4.16	-2.94	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	
53	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	-4.16	
120	-6.05	-6.74	-6.05	-6.74	-5.70	-4.95	-4.25	-2.39	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94
125	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74	-6.74
130	-7.09	-6.05	-6.05	-6.74	-6.74	-5.70	-4.25	-2.39	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94
135	-8.21	-6.05	-6.05	-6.74	-6.74	-5.70	-4.25	-2.39	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94	-2.94
271	-7.23	-7.73	-7.23	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99	-8.99
315	-4.16	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37
4	-5.41	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37
537	-4.16	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37
627	-5.19	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38
677	-6.28	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38
1077	-5.07	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38
1377	-5.18	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38
1677	-6.04	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38
2077	-6.01	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38
3150	-7.36	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38	-3.38
4080	-7.68	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37
5080	-8.57	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37
6022	-8.99	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91
6888	-8.91	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11	-1.11
10227	-9.61	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93	-2.93

AMBIENT TEMP 62.82
 REFERENCE TEMP 68.12
 SCA PRESSURE 29.82
 APP. SENSITIVITY 3.3121

SCALE MODEL ACOUSTIC TEST T/W 3/26/69 R/C 9/3/69-3

RUN#2 WCG#13 SPEED#7244

DATE: 9/3/69

RADIAL DISTANCE .252.

PAGE: 1

SONIC PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	7.2	10.7	27.7	37.	47.	59.7	69.0	72.7	82.2	92.8	107.0	112.0	122.0	130.7	142.7	152.7	162.7	170.0	(PHL)
51	73.19	73.30	71.76	71.89	71.42	71.53	72.41	73.57	73.59	75.11	75.93	77.39	78.73	83.05	86.61	134.5			
63	74.29	73.89	73.63	76.26	74.37	73.05	73.49	78.42	74.33	76.35	77.34	78.59	76.92	84.50	87.42	136.2			
87	77.11	77.43	77.30	75.54	75.86	73.74	73.86	74.84	74.84	75.09	75.09	76.76	76.46	83.26	85.88	135.7			
102	82.87	78.37	72.66	71.29	72.07	72.52	72.48	72.22	72.24	74.38	72.22	79.19	72.92	82.59	84.27	135.1			
125	72.28	73.55	72.53	72.14	74.99	76.17	71.49	77.22	78.44	88.46	82.82	81.36	88.28	84.43	88.14	137.3			
164	46.37	72.32	69.25	68.97	75.24	71.25	72.89	74.27	74.85	76.22	77.20	78.23	78.39	81.67	78.92	132.3			
202	69.88	72.59	68.14	68.12	68.59	69.53	72.85	73.46	73.91	75.15	74.03	76.71	77.16	77.77	76.39	139.3			
254	46.19	66.61	65.17	63.83	64.44	67.32	68.29	69.29	72.55	73.06	74.47	72.95	71.50	71.39	73.11	139.2			
319	67.45	64.54	66.66	65.93	64.36	62.38	63.63	66.45	68.25	69.94	67.89	68.93	71.54	70.56	69.82	136.2			
412	66.21	68.77	69.37	72.32	72.32	72.32	72.32	72.32	72.32	72.32	72.32	72.32	72.32	72.32	72.32	138.3			
507	69.32	71.83	71.59	73.22	72.75	72.45	72.39	72.90	72.15	72.41	73.16	76.94	77.78	77.84	78.98	137.6			
637	72.13	72.33	72.75	74.24	74.56	74.51	74.93	75.46	75.72	75.96	77.30	82.26	82.27	77.43	74.41	135.3			
807	72.34	73.17	73.71	73.59	74.70	75.21	74.68	77.27	77.65	79.09	79.81	88.84	79.49	75.88	74.88	136.3			
1022	68.69	71.81	72.05	72.32	73.43	72.28	72.92	74.89	74.82	77.87	77.11	76.48	76.14	74.88	74.82	134.2			
1254	68.61	78.34	78.56	76.89	78.63	74.86	74.99	73.54	73.83	75.96	74.16	75.92	74.58	72.71	78.73	133.9			
1582	69.58	72.27	74.71	73.49	77.33	74.37	72.81	74.83	74.47	73.87	74.16	78.11	74.81	73.23	74.88	133.6			
2022	67.45	71.47	72.46	73.88	73.17	73.36	75.26	73.75	75.61	76.38	75.83	74.79	75.92	73.57	74.45	134.6			
2582	68.54	74.98	73.92	77.19	79.73	80.83	81.89	78.32	80.21	78.43	76.62	76.47	75.38	73.59	74.73	138.7			
3152	73.26	78.34	78.82	80.41	82.71	84.33	84.11	83.18	81.26	81.48	81.28	79.11	78.38	72.41	76.35	142.3			
4022	73.69	78.44	81.72	80.66	84.48	83.29	82.29	82.69	84.31	88.88	79.74	82.42	78.36	76.93	75.82	142.2			
5007	76.02	87.43	87.53	88.99	88.12	91.23	91.97	98.14	86.83	86.99	85.86	84.98	84.98	81.67	82.41	149.5			
6322	71.87	76.99	78.39	82.31	82.68	81.24	82.27	82.44	82.80	81.48	88.53	88.81	76.73	71.22	74.82	142.1			
8022	69.37	77.39	76.76	76.46	75.89	75.66	78.86	80.32	82.50	79.89	79.80	77.81	74.88	72.33	74.42	141.9			
10202	72.45	77.83	78.05	77.77	77.85	77.66	81.83	81.16	81.13	82.64	82.78	75.89	72.54	74.35	135.9				

MEASURED CASPL
CALCULATED CASPL

AMBIENT TEMP 62.88
METEORIC TEMP 68.82
DATA PRESSURE 23.482
ABS. ALTITUDE 13.121

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/3/69-3
PL#2 ANG#14 SPEED#7484

CAPL# 134.0

RADIAL DISTANCE 252

SO. PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM N. E. T									
	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2
54	-3.55	-1.56	-4.99	-5.05	-5.32	-5.21	-4.73	-3.17	-3.15	-1.64
61	-4.21	-4.42	-4.68	-2.05	-3.94	-5.26	-4.81	-3.55	-1.90	-1.95
82	-6.22	-3.12	-3.62	-2.87	-2.66	-3.98	-3.85	-2.91	-2.92	-1.85
117	-7.35	-6.55	-6.36	-5.73	-5.85	-4.67	-3.74	-2.78	-2.81	-1.85
123	-6.86	-5.39	-6.41	-6.99	-5.15	-3.83	-1.44	-1.84	-1.84	-1.34
16	-7.28	-5.32	-6.42	-6.69	-5.42	-4.41	-2.76	-1.28	-1.29	-1.59
26	-4.26	-3.35	-5.75	-5.84	-5.35	-4.92	-3.29	-1.45	-1.39	-1.59
25	-6.67	-4.65	-6.69	-7.13	-5.45	-3.84	-2.57	-1.57	-1.58	-2.99
345	-3.14	-3.25	-3.31	-1.95	-3.23	-5.21	-3.96	-1.14	-1.18	-1.13
425	-3.62	-3.27	-2.45	-1.43	-2.15	-2.15	-4.99	-3.11	-3.58	-1.13
344	-5.46	-2.93	-2.17	-1.54	-2.81	-2.38	-2.37	-2.11	-2.11	-2.13
337	-6.23	-4.15	-3.62	-1.62	-2.79	-1.85	-1.44	-1.66	-1.59	-1.45
332	-6.85	-4.21	-3.47	-3.63	-3.39	-2.17	-1.12	-1.12	-1.12	-1.12
322	-6.24	-3.13	-1.95	-2.64	-2.51	-2.66	-2.81	-1.88	-1.88	-1.88
315	-5.79	-3.97	-1.85	-1.61	-2.19	-2.12	-2.41	-1.68	-1.68	-1.68
302	-6.33	-3.65	-1.22	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
287	-7.23	-3.22	-2.22	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82
252	-6.93	-3.48	-4.55	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27
425	-7.37	-2.12	-6.35	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59
525	-9.42	-1.83	-1.86	-1.77	-1.77	-1.77	-1.77	-1.77	-1.77	-1.77
525	-8.82	-2.59	-1.86	-1.75	-1.75	-1.75	-1.75	-1.75	-1.75	-1.75
822	-8.37	-1.59	-1.18	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19
1822	-7.58	-2.12	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88

FILE # 1001 R2.42
 FILE # 1001 R2.42
 FILE # 1001 R2.42
 FILE # 1001 R2.42

SCALE MODEL ACOUSTIC TEST Y/C 8/28/59 9/ 9/3/60-3
 FILE # 1001 R2.42
 SPEED 745

0-061 9/ 3/69

RADIAL DISTANCE 252.

PAGE: 2

STANDARD PRESSURE LEVELS REDUCED AT STANDARD DAY

FRQ	7.2	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0
74.14	74.38	72.87	72.16	72.41	72.99	73.22	74.37	74.11	75.41	76.79	78.19	79.36	84.64	87.84
69.87	74.15	71.21	73.26	72.31	72.64	72.41	78.33	74.36	76.23	77.21	78.95	77.31	85.16	88.69
72.67	71.71	72.25	72.84	71.75	72.92	74.29	74.58	75.77	77.29	79.31	77.17	84.39	87.96	135.9
71.23	72.27	72.42	72.63	72.27	73.18	74.41	75.07	75.44	76.93	78.22	79.86	79.13	84.82	84.39
71.77	73.4	72.19	73.59	74.37	75.99	75.70	75.49	77.97	79.44	80.11	82.78	81.25	85.42	137.1
68.52	72.42	69.44	72.26	71.13	72.58	73.81	74.62	75.52	76.96	77.97	79.57	79.20	82.39	78.63
67.12	69.75	68.88	69.69	69.29	70.24	71.61	74.15	74.47	75.69	76.51	77.37	77.84	78.35	79.87
66.42	65.33	65.83	65.39	65.08	67.26	69.15	69.51	72.39	74.32	73.66	73.15	78.87	71.83	73.22
63.47	64.11	67.24	66.42	64.61	53.75	64.72	67.15	68.25	66.46	68.48	69.67	73.12	71.99	69.12
56.81	59.00	49.79	71.17	49.58	48.72	47.84	46.54	46.34	43.88	43.28	46.45	45.15	47.38	131.4
72.81	72.25	72.16	71.24	72.72	73.22	72.93	72.63	73.82	73.04	76.82	79.58	86.80	79.18	72.49
71.84	73.45	73.66	75.15	75.24	76.43	76.26	75.79	76.79	77.44	79.22	81.23	83.23	78.31	77.88
71.49	73.38	74.83	75.13	73.98	75.52	76.02	77.44	78.87	80.13	80.28	80.59	79.73	76.67	75.28
69.48	72.88	72.83	72.66	73.69	73.84	74.32	74.71	75.42	77.21	78.49	78.14	75.39	75.49	75.70
72.87	72.72	74.84	75.15	86.14	79.42	77.87	79.71	76.89	76.85	76.46	76.85	77.91	74.35	75.25
72.32	72.72	74.84	75.15	86.14	79.42	77.87	79.71	76.89	76.85	76.46	76.85	77.91	74.35	75.25
71.74	74.24	76.43	75.29	82.82	84.55	82.27	84.44	82.38	85.44	82.92	82.92	77.41	74.35	75.25
72.80	78.32	77.11	82.19	85.11	87.08	86.03	84.25	84.28	82.72	88.68	78.30	76.67	73.99	75.14
75.32	82.55	81.31	84.59	87.98	88.51	87.83	85.66	83.73	83.27	82.28	81.36	74.93	80.82	145.7
74.12	78.74	82.31	82.15	84.42	85.87	82.89	83.73	81.57	80.98	80.60	80.53	73.35	77.31	78.99
78.23	87.91	86.16	87.61	87.65	87.25	92.81	93.87	91.42	88.59	88.21	84.01	85.93	83.18	80.73
72.59	72.82	74.32	81.33	81.11	82.41	81.72	82.38	82.82	81.27	81.87	77.52	72.88	72.38	143.8
78.89	77.66	77.81	77.88	78.48	81.41	82.99	81.15	79.44	78.67	77.95	74.06	73.27	73.88	143.4
72.78	77.17	76.89	77.68	79.84	79.58	81.26	81.43	83.44	81.58	81.75	82.77	74.26	71.78	73.86
96.71	92.63	92.42	94.25	79.34	96.47	96.92	95.82	94.48	94.99	93.16	93.88	93.81	95.52	96.97
85.69	91.27	91.82	92.88	94.75	95.27	95.59	94.52	94.85	93.47	93.59	93.99	94.39	94.89	95.54
99.72	126.5	125.9	127.6	129.4	129.7	129.9	128.4	128.6	127.8	127.7	126.7	125.9	125.2	125.2

MEASURED OASPL
 CALCULATED OASPL
 FLD

AMBIENT TEMP. 42.00
 REFERENCE TEMP. 60.00
 BAROMETRIC PRESSURE 29.95
 ABS. HUMIDITY 13.21

SCALE CODE: ACOUSTIC TEST T/D 6/28/69 R/D 9/3/69-3

NAME RUGS15 SPEED=777

OASPL: 155.1

RADIAL DISTANCE 254

DATE: 9/3/59

SCALE PRESSURE LEVELS REDUCED AT STA DART DAV

... ANGLES FROM INLET

FREQ	18.7	39.7	47.2	59.7	62.2	71.7	80.7	92.7	107.2	112.0	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2	212.2	
33.93	74.23	73.23	71.94	74.44	72.99	73.49	74.66	74.63	75.98	76.98	75.55	73.97	75.11	80.62	135.9						
39.41	69.77	72.28	72.87	71.79	72.54	73.22	75.21	74.89	78.53	79.74	77.67	84.25	89.73	137.1							
45.94	71.78	71.98	72.93	73.91	73.82	74.49	75.91	75.98	77.37	78.75	82.46	85.13	89.16	90.25	138.7						
48.47	72.87	71.17	72.18	73.88	73.74	75.28	76.46	76.46	78.23	79.23	82.46	85.13	89.16	90.25	138.8						
71.12	73.31	72.29	71.69	73.97	77.36	75.41	77.22	82.48	88.75	81.19	81.95	82.41	86.93	84.87	138.2						
68.32	71.72	72.25	72.52	72.25	73.45	74.24	75.44	76.56	78.15	79.34	81.32	82.31	87.43	82.67	135.7						
68.51	73.39	69.29	69.16	70.49	71.13	72.27	74.77	75.19	76.61	77.61	78.12	78.77	79.22	78.59	135.7						
68.42	68.12	68.58	65.52	68.96	68.27	69.45	70.76	72.44	73.98	74.23	73.98	71.78	72.89	74.75	135.7						
65.97	64.71	67.22	66.21	65.69	64.17	65.22	67.61	68.55	69.46	68.17	72.64	74.22	74.22	69.75	132.7						
67.14	68.63	74.23	74.74	78.94	63.55	68.94	69.94	72.43	74.79	77.44	82.43	79.37	75.74	132.8							
69.92	72.55	72.29	74.85	73.52	73.89	75.75	74.39	77.68	75.88	78.28	81.27	82.28	88.81	78.57	135.8						
77.59	74.26	74.66	76.97	76.18	76.29	78.79	77.82	77.82	78.82	85.17	82.27	82.69	79.92	78.67	137.6						
71.01	74.49	75.46	77.88	77.18	75.91	77.31	78.79	78.39	81.11	81.12	81.23	82.82	77.84	76.89	137.9						
72.64	73.82	75.62	76.32	78.79	78.89	78.66	77.67	77.33	76.97	78.32	77.71	77.74	76.66	75.89	134.5						
72.42	74.83	81.48	84.08	89.87	89.24	89.38	89.57	84.75	82.68	84.61	81.46	81.31	81.63	78.09	145.9						
28.52	82.74	83.82	84.33	85.82	85.32	85.22	84.82	85.16	84.21	85.23	82.98	85.42	84.61	78.33	135.7						
74.94	82.03	82.66	83.26	88.71	88.48	87.92	84.47	85.26	83.63	82.73	81.86	81.37	81.77	81.35	141.9						
74.12	78.17	77.29	81.49	83.32	82.42	85.11	82.26	82.87	81.99	81.79	78.04	79.36	73.67	75.46	141.7						
74.18	86.58	83.35	85.84	86.04	85.45	86.87	85.91	24.36	82.73	82.66	81.58	82.15	78.91	88.27	144.8						
73.89	79.39	84.29	83.21	84.87	84.27	83.17	84.49	82.36	88.79	81.15	88.91	78.74	78.28	78.41	145.6						
74.99	85.88	86.14	85.85	86.94	84.32	88.75	86.41	89.29	87.41	88.29	85.82	82.53	81.78	81.52	148.1						
71.89	75.43	86.71	81.73	82.93	81.31	81.81	82.43	82.84	81.81	82.23	78.94	78.31	72.72	78.44	143.8						
78.99	77.55	79.65	77.31	78.99	78.39	82.77	81.34	81.93	79.47	79.79	77.67	75.55	74.84	73.85	145.6						
67.49	76.22	77.49	76.89	78.15	77.16	88.87	88.13	81.63	88.19	81.48	88.88	74.84	78.69	72.76	145.4						
MEASURED OASP	86.39	92.55	94.39	96.14	98.98	98.91	96.72	97.56	96.65	96.44	97.82	96.21	95.84	96.89	97.67						
CALCULATED OASP	85.62	91.26	93.17	95.12	98.09	98.21	97.88	96.55	95.24	95.13	95.61	94.77	94.65	95.58	96.37						
RWD#2	125.7	127.1	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9						
RWD#1	125.7	127.1	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9						
SPEED#7049																					

OAPHL 156.5

AMPLITUDE 82.82
 ESTIMATED TEST 88.86
 EARLY PRESSURE 29.25
 ABS. VELOCITY 13.21

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/3/69-3
 RWD#2 RWD#1 SPEED#7049

RADIAL DISTANCE 252

STOCH PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET											
	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2
54	-4.23	-3.94	-5.19	-6.26	-5.58	-5.23	-4.73	-3.95	-3.59	-2.24	-1.23	3329
63	-0.83	-0.54	-0.95	-0.37	-0.46	-0.77	-0.23	-0.16	-0.24	-2.36	-1.22	4955
8	-7.79	-6.95	-6.75	-6.19	-4.82	-4.91	-4.24	-3.22	-2.75	-1.35	8226	1.525
135	-9.25	-7.85	-7.55	-6.32	-5.84	-4.98	-3.84	-2.28	-1.67	-1.31	9297	2.242
124	-8.12	-6.72	-7.74	-8.34	-6.87	-2.68	-4.82	-2.81	4486	7.186	1.136	1.919
169	-8.32	-5.72	-7.19	-6.92	-5.18	-3.98	-3.19	-1.99	-1.59	7.111	1.989	2.625
227	-6.75	-4.95	-7.27	-6.19	-4.91	-4.23	-3.29	-1.94	-1.66	1.257	2.949	2.763
255	-3.37	-3.28	-4.81	-5.89	-4.43	-3.32	-1.94	-1.64	1.248	2.118	2.844	2.587
312	-3.14	-4.42	-1.89	-2.91	-3.42	-3.81	-3.09	-1.49	-3.99	3.997	8.779	1.526
422	-6.84	-4.32	-3.92	-3.48	-3.19	-4.59	-5.19	-4.17	-4.28	-1.72	6.883	3.495
527	-7.89	-4.17	-4.71	-2.97	-3.49	-3.12	-3.26	-2.62	-2.33	-1.34	1.264	4.858
631	-7.94	-4.37	-3.77	-1.66	-2.45	-2.34	-1.83	-1.25	-1.28	1.936	1.735	3.642
861	-7.24	-4.36	-3.36	-1.84	-1.67	-2.94	-1.54	-1.256	3.318	2.264	2.271	2.384
1001	-6.59	-3.35	-1.63	-1.87	1.39	8.621	-1.563	4.444	-1.42	-2.55	1.92	4.828
1232	-13.8	-9.59	-4.43	-3.46	3.935	2.814	2.946	2.942	-1.68	-3.75	-2.48	4.97
1527	-13.9	-7.72	-4.97	-3.67	3.931	4.828	2.728	1.246	-5.54	-1.99	-2.16	-4.56
2281	-12.1	-4.37	-2.34	-1.74	3.122	3.388	2.112	1.537	-1.74	-1.32	2.227	-3.14
2851	-12.4	-3.35	-4.23	-1.92	1.794	9.827	3.287	3.427	-1.928	4.732	2.731	-2.188
3152	-12.1	-3.66	-1.89	-1.949	2.394	1.212	2.629	1.664	1.664	-1.51	-1.58	-2.66
4244	-8.77	-3.27	1.82	7.479	2.489	1.612	-1.293	2.827	-1.99	1.67	-1.11	-1.55
5282	-11.7	-1.61	-1.26	1.821	2.751	2.15	2.884	-2.83	2.016	7.437	1.825	-8.68
6281	-10.3	-7.92	-1.631	4.498	1.288	1.675	4.593	1.259	1.316	2.631	1.249	-1.41
8122	-9.421	-3.24	-1.48	-2.28	-1.84	-1.21	3.169	1.745	2.325	8.233	1.933	-1.73
12327	-11.7	-3.22	-1.74	-2.33	-1.27	-2.24	1.042	1.9212	2.319	1.621	2.172	1.649

ARIETY LEVEL 82.88
 STS TEMP 68.22
 GAS PRESSURE 29.25
 ABS. HUMIDITY 23.21

SCALE OF PL ACOUSTIC TEST T/D 8/28/59 P/C 9/3/60-3

RUNP R08614 SPEED 7948

DATE: 9/3/69

RADIAL DISTANCE 252

PAGE: 1

SECOND PRESSURE LEVELS REDUCED AT STANDARD DAY

FRZ	2.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	(FHL)
54	75.46	75.10	74.29	73.32	73.07	73.72	74.59	75.15	75.61	77.44	78.00	79.34	75.82	86.35	89.60	137.1				
55	72.35	72.28	71.30	70.24	72.50	73.08	73.68	74.67	75.22	76.05	78.07	82.62	78.59	87.29	90.88	138.0				
61	72.24	72.34	72.51	73.53	73.79	74.16	74.69	75.24	76.00	76.88	79.47	81.33	79.53	86.52	89.74	137.0				
123	72.56	71.78	72.88	73.15	73.71	74.84	75.28	75.73	77.37	78.88	81.82	82.11	82.11	84.72	88.21	138.8				
129	72.57	73.75	72.59	73.29	74.48	77.19	76.24	76.19	82.03	81.39	81.79	83.62	84.82	88.61	89.31	139.4				
134	69.98	72.16	72.91	71.33	72.97	74.51	75.18	75.72	76.28	76.88	78.18	81.55	81.67	84.63	81.88	136.8				
204	69.27	71.23	69.72	70.86	71.28	72.47	73.2	73.97	74.67	75.46	76.15	76.93	88.61	88.59	78.88	135.1				
257	69.59	70.84	69.82	67.32	68.89	69.66	71.06	72.17	72.64	73.34	74.07	74.23	74.81	73.67	75.08	131.9				
316	67.59	66.81	68.88	68.81	67.59	68.15	68.93	70.57	72.23	72.22	72.22	72.24	74.93	74.98	71.12	129.7				
422	67.27	68.17	71.13	72.13	71.44	70.24	69.04	70.87	71.32	73.43	73.79	74.22	81.19	88.31	79.72	133.7				
504	69.67	72.62	73.52	74.78	74.28	74.95	74.11	74.49	74.84	75.57	79.31	81.65	83.28	81.99	78.48	138.5				
637	71.34	73.89	74.86	74.87	74.89	77.15	77.11	77.39	77.37	78.84	88.71	85.42	83.93	81.26	79.05	138.2				
677	72.42	74.88	75.46	78.86	77.84	77.58	79.09	80.21	79.15	81.36	82.53	82.07	78.81	78.02	138.0					
1277	73.19	77.15	79.31	79.05	81.39	81.29	82.99	81.61	88.73	79.93	81.32	80.67	79.79	78.32	79.45	139.7				
1299	76.37	79.77	85.57	87.47	92.51	91.74	92.99	91.64	88.19	84.39	84.32	85.53	85.39	88.41	81.17	148.0				
1422	81.87	85.17	85.11	81.43	84.84	88.42	88.28	82.63	82.84	82.12	82.12	82.12	82.12	82.12	82.12	148.0				
2284	74.36	79.23	82.23	89.48	98.78	88.82	98.02	89.32	89.31	89.79	83.94	82.54	82.72	88.99	79.74	146.8				
2285	71.38	77.92	7.23	82.29	85.29	87.31	89.36	85.34	84.15	85.65	82.96	79.82	88.00	75.21	76.48	144.4				
3157	75.80	88.95	82.45	85.97	88.56	87.77	89.53	85.55	86.19	84.41	82.64	83.12	76.46	88.74	146.4					
4697	75.24	79.94	84.32	83.32	85.82	86.15	84.42	85.37	84.57	84.72	82.18	82.22	78.19	78.51	144.8					
5227	76.43	86.27	84.34	86.83	86.83	86.86	88.84	87.60	91.80	92.41	90.92	86.91	83.58	82.53	88.81	149.9				
8322	73.58	82.22	82.83	82.27	83.14	85.24	83.39	83.51	84.58	83.48	83.41	82.17	79.97	74.18	77.82	145.3				
8323	71.34	78.12	79.57	78.34	79.09	80.57	84.05	82.38	83.36	81.01	88.26	88.25	76.98	75.54	73.42	145.3				
10226	69.97	76.54	76.85	77.42	79.22	78.57	81.99	83.85	83.39	82.91	83.55	75.78	71.51	72.79	146.8					

MEASURED CASP: 88.68 93.58 94.87 95.22 100.3 101.3 101.6 102.5 99.34 99.18 99.28 97.76 97.37 97.91 98.07
 CALCULATED CASP: 87.64 92.31 93.42 97.47 99.41 100.8 102.6 108.2 108.1 97.99 97.16 96.28 96.28 96.46 97.41
 ... 107.6 126.7 126.9 118.5 111.7 113.5 113.3 112.9 111.9 112.2 111.4 109.5 106.8 106.4 106.1

ANGLE: 0.00
 WIND: 0.00
 BAR PRESS: 29.45
 ABS. HUMIDITY: 13.21

SCALE: 0.0017
 SPEED: 0.037

150.7
 GAPHL

DATE: 9/3/59

RADIAL DISTANCE 292

PAGE: 2

SCALD PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM 1' SET																
	32.2	37.2	41.2	46.2	51.2	56.2	61.2	66.2	71.2	76.2	81.2	86.2					
52	91.23	44.12	-4.99	-5.97	-5.42	-5.57	-4.69	-4.14	-3.00	-1.85	-1.21	1.21	3.69	-4.37	7.852	12.97	
64	-5.82	-9.18	-8.81	-6.92	-7.79	-6.63	-6.49	-4.45	-4.45	-2.11	-1.29	-1.29	1.29	1.49	7.118	13.31	
84	-7.78	-7.48	-7.21	-6.29	-6.83	-5.65	-4.93	-3.78	-3.66	-1.82	-1.33	-1.33	1.33	1.512	6.659	9.935	
124	-9.41	-8.17	-7.87	-6.87	-6.24	-4.89	-3.97	-2.62	-2.48	-1.89	-1.16	-1.16	1.16	2.856	6.752	8.254	
184	-10.65	-7.29	-6.84	-5.46	-4.77	-3.82	-2.81	-1.82	-1.82	-1.18	-0.89	-0.89	0.89	2.372	5.761	4.821	
264	-10.55	-6.35	-5.63	-4.21	-3.57	-2.82	-2.36	-1.82	-1.82	-1.11	-0.79	-0.79	0.79	3.389	3.123	6.887	2.593
384	-7.43	-5.47	-4.98	-3.64	-3.45	-2.23	-1.82	-1.82	-1.32	-0.85	-0.52	-0.52	0.52	3.220	3.928	3.892	2.119
524	-3.92	-2.87	-2.49	-1.49	-1.61	-1.05	-0.85	-0.85	-0.32	-0.25	-0.16	-0.16	0.16	2.723	1.372	3.571	2.119
724	-3.57	-2.35	-2.29	-1.15	-1.15	-0.53	-0.53	-0.53	-0.25	-0.25	-0.16	-0.16	0.16	1.879	3.771	3.517	3.288
984	-3.94	-3.84	-3.88	-2.87	-3.38	-4.77	-5.35	-4.14	-3.71	-1.38	-1.26	-1.26	1.26	2.289	6.388	5.338	3.881
1324	-4.27	-3.85	-4.15	-2.92	-3.42	-2.74	-3.39	-3.21	-2.66	-2.13	-1.74	-1.74	1.74	4.139	4.653	1.795	5.889
1784	-2.38	-4.02	-4.34	-1.74	-1.97	-2.88	-2.16	-1.88	-1.69	-1.26	-1.26	-1.26	1.26	3.823	2.857	1.997	1.26
2384	-1.19	-3.84	-4.28	-1.59	-1.88	-3.18	-2.38	-2.35	-1.89	-1.37	-1.37	-1.37	1.37	3.852	3.585	1.329	1.775
3184	-3.2	-6.55	-6.55	-1.65	-3.38	-2.825	-2.71	-3.24	-3.49	-2.72	-2.72	-2.72	2.72	4.89	-3.72	-2.851	-1.9
4224	-2.8	-8.73	-8.79	-5.19	-5.12	-4.514	-2.975	-3.721	-3.85	-1.78	-4.28	-4.28	4.28	-6.37	-3.44	-2.87	-1.9
5524	-2.5	-7.84	-4.64	-1.41	-2.913	-1.52	-2.56	-1.55	-2.45	-1.47	-2.92	-2.92	2.92	4.32	-4.15	-2.87	-1.9
7084	-2.7	-6.59	-5.99	-2.03	-1.874	-3.89	-3.39	-2.74	-3.69	-1.54	-2.33	-2.33	2.33	4.32	-4.15	-2.87	-1.9
8884	-2.7	-4.87	-5.37	-1.82	-2.147	-1.958	-3.745	-2.85	-3.733	-1.52	-1.52	-1.52	1.52	3.17	-2.39	-1.38	-5.17
11024	-3.44	-3.74	-6.884	-1.57	-2.139	-2.474	-7.389	-1.093	-6.958	-1.96	-1.52	-1.52	1.52	-3.46	-3.78	-1.32	-5.17
13824	-2.4	-2.18	-4.11	-2.42	-2.41	-2.39	-1.982	-7.71	-2.932	-3.683	-2.48	-2.48	2.48	-1.54	-4.93	-1.92	-7.57
17224	-2.24	-2.82	-1.99	-1.57	-1.83	-1.417	-1.669	-6.837	-1.33	-6.837	-1.33	-1.33	1.33	-4.58	-2.16	-2.72	-5.77
22224	-1.72	-3.08	-2.51	-1.74	-1.48	-1.989	-3.772	-2.84	-2.75	-2.24	-1.32	-1.32	1.32	-3.32	-1.46	-4.54	-7.68
28224	-12.5	-3.94	-3.63	-3.86	-1.25	-0.987	-6.889	-1.516	-2.375	-3.889	-2.838	-2.838	2.838	2.573	-4.18	-0.97	-7.68

AERIAL TEMP 84.22
 MET. B. LE TEMP 68.80
 RAD. PRESS. RE 29.25
 ABS. DIRECTIVITY 15.21

SCALE PDEEL ACOUSTIC TEST T/D 8/28/69 R/D 9/3/69-3

PURP RCG017 SPEED=8037

DATE: 9/23/69

RACIAL DISTANCE 256

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	12.2	25.2	42.2	52.2	62.2	72.2	87.2	96.2	102.2	110.2	122.2	136.2	150.2	166.2	170.2	(PNL)
52	75.19	75.40	74.43	73.93	74.16	75.14	74.86	76.12	74.43	76.11	78.05	80.21	76.29	80.29	91.40	138.5
63	74.86	76.69	74.13	73.23	73.18	74.33	74.34	72.28	74.30	73.37	76.89	82.29	77.25	82.25	92.28	138.3
82	74.98	75.54	75.49	75.32	74.91	75.88	76.78	77.95	79.06	80.01	82.23	86.05	80.87	91.54	138.3	138.3
122	73.56	74.18	73.92	73.16	74.75	75.44	76.46	78.43	78.55	80.83	83.13	88.24	80.84	89.59	140.0	140.0
162	75.46	76.35	74.66	73.73	75.08	76.74	78.66	80.14	82.96	83.29	86.19	90.09	80.95	84.79	138.4	138.4
222	72.32	73.83	72.90	72.39	74.39	75.06	77.81	78.16	82.82	82.81	84.78	88.80	80.65	82.65	138.6	138.6
315	78.56	74.57	72.43	71.56	71.74	74.98	74.45	76.38	77.52	78.79	80.38	88.19	80.86	81.98	88.45	138.2
432	69.79	68.68	67.17	65.37	68.12	68.49	72.38	73.49	74.22	78.85	77.58	76.73	78.49	78.48	77.27	138.7
522	66.57	66.07	66.18	64.24	67.73	67.73	70.39	71.67	73.22	74.22	72.06	72.17	73.55	76.08	72.26	138.4
632	67.79	71.24	71.15	73.58	72.49	71.26	74.48	71.92	73.24	73.98	75.02	78.78	82.16	81.32	76.26	138.4
822	71.11	75.08	74.4	75.74	75.28	75.63	75.24	75.85	75.52	75.84	79.08	82.90	80.53	83.5	82.24	138.6
932	74.13	77.58	84.38	85.39	86.73	87.98	89.12	89.58	89.57	89.57	89.57	89.57	89.57	89.57	89.57	140.0
1222	74.39	76.39	79.85	82.49	85.08	86.29	88.07	91.41	89.37	88.37	88.08	89.57	88.35	88.08	82.23	140.0
1622	73.00	72.44	78.43	82.43	84.88	82.18	84.32	86.14	84.31	83.49	82.17	82.23	81.40	79.09	82.23	140.0
2222	75.94	76.65	82.18	91.15	92.35	91.70	91.17	89.45	85.64	81.07	83.67	83.74	80.28	84.9	81.0	140.0
3122	77.02	86.41	89.48	94.19	96.27	94.99	93.11	93.77	89.43	87.87	89.08	86.11	86.89	89.09	82.04	140.0
4322	74.08	79.29	84.95	89.75	87.78	86.28	86.79	86.82	89.14	89.31	86.37	81.10	80.05	82.9	79.09	140.0
5222	71.72	78.27	77.37	82.43	84.73	83.39	86.21	84.28	81.89	83.87	88.31	78.82	83.39	77.8	75.85	140.0
6322	73.53	83.98	83.88	85.88	89.72	88.86	86.61	87.68	85.81	83.90	84.11	82.1	83.34	78.8	78.8	140.0
8222	72.20	73.85	83.38	83.31	87.82	85.48	81.82	84.39	84.82	82.72	82.81	81.80	82.72	82.8	79.74	140.0
9722	76.38	80.35	83.19	84.32	86.22	87.26	93.75	90.82	90.87	91.01	92.83	87.4	86.05	83.99	82.15	140.0
6322	73.77	80.68	88.09	89.51	84.98	83.66	84.32	89.87	84.77	83.60	85.25	82.8	81.82	78.8	78.8	140.0
8222	70.08	78.17	78.59	78.98	80.90	79.92	84.59	83.32	83.14	81.18	81.28	78.3	77.48	78.4	74.14	140.0
16222	69.74	76.15	75.17	74.19	76.74	80.42	81.78	83.53	83.22	81.33	83.69	83.77	77.51	72.1	73.14	140.0

\$50.0

GAPPL

MEASURED GASEL
CALCULATED GASEL
PNDB

AMBIENT TEMP 82.82
RET-DULO TEMP 64.89
BAR. PRESSURE 29.83
ABS. HUMIDITY 13.21

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/3/69-3

RUN#2 --- ROOM#8 --- SPEED#025C

SCALE PRESSURE LEVELS DIRECTIVITY INDEX

		ANGLES FROM INLET									
		0°	10°	20°	30°	40°	50°	60°	70°	80°	90°
100	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
110	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
120	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
130	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
140	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
150	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
160	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
170	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
180	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0

APPLIC TEMP. 82.80
 REF. LB TEMP. 68.80
 BAR. PRESSURE 25.80
 ABS. TEMP. 33.80

SCALE MODEL ACOUSTIC TEST T/C 8/28/59 R/L 8/5/49-3

21182 403020 SP5806031

RADIAL DISTANCE - 25X

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET														
	4.0	10.2	2.7	36.2	62.2	87.2	109.2	132.2	152.2	170.2	(PHL)				
52	75.97	76.36	75.19	74.79	75.11	75.32	75.58	76.08	77.33	79.93	80.80	81.06	77.33	89.99	93.12
63	74.75	71.23	72.44	74.47	74.32	75.39	75.19	88.49	77.67	79.73	81.35	83.74	89.53	90.99	94.29
82	71.61	71.82	72.75	74.26	75.83	75.29	76.25	77.49	77.67	79.73	81.31	83.66	84.62	89.68	95.79
182	71.34	75.23	75.28	75.64	75.92	76.59	77.54	78.99	79.45	81.58	83.22	85.00	85.27	89.47	94.94
123	73.33	74.99	74.87	75.13	76.88	77.94	78.83	88.12	84.75	82.32	83.92	85.78	90.11	89.55	94.94
162	73.27	75.31	75.88	75.93	75.84	77.42	78.94	83.33	83.35	83.99	83.93	86.00	85.44	88.13	84.32
232	71.16	73.37	71.69	71.85	73.45	74.38	75.52	77.63	78.38	80.93	81.61	83.06	83.85	83.37	81.21
252	71.41	71.41	69.64	69.17	70.46	71.39	72.33	74.12	74.42	77.08	78.74	79.00	78.49	76.24	74.19
315	66.71	67.57	78.21	69.28	70.58	68.95	72.39	71.56	74.24	75.94	75.71	75.78	76.54	77.62	76.47
482	69.18	72.67	72.88	77.67	74.34	74.65	72.32	72.32	72.32	76.09	75.15	81.83	81.18	83.02	79.66
522	71.89	75.27	77.21	77.98	78.81	78.58	78.59	77.34	76.81	78.82	81.46	84.59	83.18	84.93	81.64
537	75.24	76.39	81.47	82.58	85.15	84.52	82.42	81.21	83.56	84.48	86.74	86.79	84.18	83.15	83.89
627	76.57	79.55	81.92	84.89	89.23	89.31	92.73	98.13	89.69	86.93	85.99	87.73	86.51	83.84	88.87
1822	74.53	76.55	81.12	81.84	83.83	83.33	82.69	83.37	82.16	81.11	80.33	84.39	80.37	80.88	80.88
1252	78.72	78.61	83.99	81.88	83.93	85.93	89.86	86.68	86.48	84.12	82.27	83.39	83.55	80.93	80.26
1622	77.19	88.65	86.41	88.56	92.12	92.85	91.19	88.28	88.29	84.31	83.77	86.08	84.49	83.42	81.72
2222	75.54	78.74	82.86	84.19	86.59	85.19	83.89	82.32	81.78	83.88	83.88	82.74	81.89	81.88	78.32
3532	73.93	77.53	77.62	81.97	86.18	85.62	89.00	83.43	85.54	83.22	86.23	81.76	85.99	78.17	79.58
3152	76.59	81.78	83.37	85.37	88.33	86.86	85.95	85.93	89.29	81.72	89.12	84.34	86.57	78.16	81.35
4282	70.69	79.86	84.17	83.87	89.98	84.97	83.31	82.95	81.77	83.36	83.36	89.52	88.19	79.53	84.64
5287	76.97	86.34	84.77	86.86	85.41	86.28	85.41	91.29	91.24	91.11	91.42	83.91	83.98	82.52	81.21
8382	73.44	82.39	83.27	84.49	83.93	86.10	86.39	86.64	84.64	82.54	82.44	82.34	82.37	79.78	81.73
8282	72.14	78.43	82.35	79.38	80.36	80.76	83.84	83.76	82.93	82.93	82.93	82.93	77.34	76.17	76.49
12222	72.17	76.12	77.48	77.92	79.58	79.47	80.99	83.13	81.34	82.09	81.49	81.79	76.48	73.06	73.21

MEAS-RED CASPL 89.49 93.39 95.29 99.55 102.2 99.96 131.1 99.19 98.86 98.41 99.86 99.39 99.17 100.3 101.9
 CALC-RED CASPL 88.32 92.48 94.41 97.50 100.18 120.12 98.20 98.78 97.42 97.80 98.19 97.83 99.28 100.6
 PWB 121.2 137.1 187.7 141.8 111.9 112.2 111.9 111.9 112.2 112.2 112.2 112.2 112.2 112.2 107.7 107.6

OPHLL

AIR-TEMP 81.86
 W-TEMP 67.82
 BAR-PRESSURE 29.29
 REL-HUMIDITY 32.66

SCALE MODEL ACOUSTIC TEST T/J 8/28/59 R/D 6/4/60-3

NAME ROOMS SPEED=8524

RADIAL DISTANCE 29°

SCALE PRESSURE LEVELS DIRECTION INDEX

DATE: 11/11/69

ANGLE FROM 14.2 57.7 72.2 91.5 112.8 122.2 132.2 140.1 152.2 162.2 172.2 182.2 192.2

SCALE: 14.2 57.7 72.2 91.5 112.8 122.2 132.2 140.1 152.2 162.2 172.2 182.2 192.2

Scale	14.2	57.7	72.2	91.5	112.8	122.2	132.2	140.1	152.2	162.2	172.2	182.2	192.2
57	-6.60	-5.68	-7.16	-6.94	-6.73	-6.46	-5.17	-4.71	-3.82	-2.84	-1.87	-0.71	2.98
63	-12.3	-11.8	-12.6	-12.7	-12.6	-12.7	-12.7	-12.6	-12.5	-12.4	-12.3	-12.2	-12.1
82	-17.0	-16.8	-17.1	-17.2	-17.3	-17.4	-17.5	-17.6	-17.7	-17.8	-17.9	-18.0	-18.1
122	-22.5	-22.4	-22.7	-22.8	-22.9	-23.0	-23.1	-23.2	-23.3	-23.4	-23.5	-23.6	-23.7
152	-28.0	-27.9	-28.2	-28.3	-28.4	-28.5	-28.6	-28.7	-28.8	-28.9	-29.0	-29.1	-29.2
182	-33.5	-33.4	-33.7	-33.8	-33.9	-34.0	-34.1	-34.2	-34.3	-34.4	-34.5	-34.6	-34.7
202	-39.0	-38.9	-39.2	-39.3	-39.4	-39.5	-39.6	-39.7	-39.8	-39.9	-40.0	-40.1	-40.2
222	-44.5	-44.4	-44.7	-44.8	-44.9	-45.0	-45.1	-45.2	-45.3	-45.4	-45.5	-45.6	-45.7
242	-50.0	-49.9	-50.2	-50.3	-50.4	-50.5	-50.6	-50.7	-50.8	-50.9	-51.0	-51.1	-51.2
262	-55.5	-55.4	-55.7	-55.8	-55.9	-56.0	-56.1	-56.2	-56.3	-56.4	-56.5	-56.6	-56.7
282	-61.0	-60.9	-61.2	-61.3	-61.4	-61.5	-61.6	-61.7	-61.8	-61.9	-62.0	-62.1	-62.2
302	-66.5	-66.4	-66.7	-66.8	-66.9	-67.0	-67.1	-67.2	-67.3	-67.4	-67.5	-67.6	-67.7
322	-72.0	-71.9	-72.2	-72.3	-72.4	-72.5	-72.6	-72.7	-72.8	-72.9	-73.0	-73.1	-73.2
342	-77.5	-77.4	-77.7	-77.8	-77.9	-78.0	-78.1	-78.2	-78.3	-78.4	-78.5	-78.6	-78.7
362	-83.0	-82.9	-83.2	-83.3	-83.4	-83.5	-83.6	-83.7	-83.8	-83.9	-84.0	-84.1	-84.2
382	-88.5	-88.4	-88.7	-88.8	-88.9	-89.0	-89.1	-89.2	-89.3	-89.4	-89.5	-89.6	-89.7
402	-94.0	-93.9	-94.2	-94.3	-94.4	-94.5	-94.6	-94.7	-94.8	-94.9	-95.0	-95.1	-95.2
422	-99.5	-99.4	-99.7	-99.8	-99.9	-100.0	-100.1	-100.2	-100.3	-100.4	-100.5	-100.6	-100.7
442	-105.0	-104.9	-105.2	-105.3	-105.4	-105.5	-105.6	-105.7	-105.8	-105.9	-106.0	-106.1	-106.2
462	-110.5	-110.4	-110.7	-110.8	-110.9	-111.0	-111.1	-111.2	-111.3	-111.4	-111.5	-111.6	-111.7
482	-116.0	-115.9	-116.2	-116.3	-116.4	-116.5	-116.6	-116.7	-116.8	-116.9	-117.0	-117.1	-117.2
502	-121.5	-121.4	-121.7	-121.8	-121.9	-122.0	-122.1	-122.2	-122.3	-122.4	-122.5	-122.6	-122.7

DATE: 11/11/69
TEST: 29.12
SCALE PRESSURE 29.12
ADD: 11/11/69

SCALE: 14.2 57.7 72.2 91.5 112.8 122.2 132.2 140.1 152.2 162.2 172.2 182.2 192.2

SCALE: 14.2 57.7 72.2 91.5 112.8 122.2 132.2 140.1 152.2 162.2 172.2 182.2 192.2

CASE: 9/64/69

RADIAL DISTANCE 22K

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	32.0	47.0	63.0	79.0	95.0	110.0	126.0	142.0	158.0	174.0	(PWL)				
	32.0	47.0	63.0	79.0	95.0	110.0	126.0	142.0	158.0	174.0	(PWL)				
50.0	67.31	66.07	65.39	64.22	66.18	66.46	72.26	65.84	67.13	67.89	68.38	65.41	71.42	73.01	125.7
52.0	52.48	61.21	60.32	61.06	63.75	64.17	79.42	63.63	63.92	66.09	66.02	74.88	72.27	73.23	129.2
54.0	51.59	62.58	62.17	62.22	62.59	63.42	64.75	64.25	65.22	66.16	66.76	64.12	69.74	71.24	123.1
56.0	61.11	62.35	62.17	62.08	63.04	64.03	65.88	64.38	64.88	67.33	67.48	65.84	69.02	70.19	124.1
58.0	61.12	64.97	61.24	62.22	63.19	63.32	64.67	64.56	66.46	67.85	67.73	67.75	70.37	69.22	124.4
60.0	58.49	64.19	61.16	61.44	63.41	63.99	67.83	65.44	66.82	66.99	67.36	66.78	68.54	67.37	123.9
62.0	62.05	62.94	61.16	62.23	64.12	64.98	70.56	64.92	73.43	67.41	67.49	69.28	68.28	67.26	126.1
64.0	58.88	55.07	55.05	57.12	58.45	60.38	68.74	62.42	63.63	64.42	63.22	61.85	61.88	62.39	119.7
66.0	58.71	58.07	58.39	57.69	58.17	58.38	63.63	60.28	61.51	60.87	59.26	60.14	60.91	57.43	118.4
68.0	58.93	64.02	61.87	61.35	62.46	62.23	59.69	58.56	59.72	60.83	61.43	64.06	65.52	59.38	119.3
70.0	63.49	63.37	61.79	62.74	62.44	61.43	61.59	63.08	65.95	67.45	66.66	63.38	62.0	62.0	122.8
72.0	65.94	67.34	64.94	66.71	65.89	66.09	65.74	65.82	65.64	66.92	69.87	69.88	66.99	65.49	123.8
74.0	66.51	70.79	72.13	68.99	67.99	67.32	67.95	68.19	69.86	69.17	70.87	69.48	67.32	66.92	127.9
76.0	69.29	72.15	72.83	70.38	68.81	68.32	69.82	69.85	70.19	72.80	70.84	69.18	68.84	68.19	128.8
78.0	67.55	70.85	72.06	69.88	68.94	68.38	67.68	67.46	68.89	70.89	68.67	67.06	66.34	67.19	128.1
80.0	71.33	74.98	73.67	72.58	71.91	69.64	72.97	72.43	71.83	72.73	71.42	68.95	67.33	67.58	131.5
82.0	72.37	73.89	73.74	72.71	72.63	71.19	72.27	71.45	72.74	73.38	72.29	69.19	69.18	69.18	131.8
84.0	73.76	73.40	72.64	74.29	72.21	72.53	72.61	72.48	73.22	74.70	74.82	72.87	68.38	71.57	133.4
86.0	82.22	85.09	84.76	84.32	83.95	81.51	83.95	83.53	86.86	84.88	85.33	79.79	76.97	79.92	144.4
88.0	77.26	81.01	78.72	79.74	79.39	78.04	79.36	78.04	80.62	80.23	81.31	75.44	74.56	75.02	148.4
90.0	75.59	75.91	74.77	74.84	73.88	75.23	74.17	75.84	76.44	75.37	75.29	72.21	71.56	72.33	136.4
92.0	77.34	83.31	78.62	78.81	79.34	75.58	78.88	78.84	78.48	80.24	80.41	74.78	74.48	74.48	148.9
94.0	73.09	77.88	75.49	74.88	74.64	73.49	74.17	73.66	74.66	77.89	77.27	72.88	70.81	73.78	139.2
96.0	73.14	75.04	72.51	73.36	72.75	71.97	72.19	72.32	73.44	73.32	73.95	69.52	66.11	67.12	136.5
98.0	87.81	84.44	89.47	89.87	89.88	89.49	88.88	89.51	88.82	89.94	88.36	85.89	84.09	86.41	151.1
100.0	86.64	89.32	88.21	88.85	87.42	85.71	88.17	87.55	89.21	88.88	89.34	86.18	83.84	86.23	151.1
102.0	101.8	104.14	103.18	103.14	103.9	101.1	102.19	102.19	102.19	101.2	101.2	100.5	98.21	100.1	159.1

SEALED GASPL
 CALIBRATED GASPL
 PNOB

04PHL1

599.1

APPOINT TEMP 61.82
 ST-OLD TEMP 67.82
 QAM PRESSURE 29.04
 ASS. HUMIDITY 12.66

SCALE MODEL ACOUSTIC TEST 7/16/69 R/D 9/4/69-3

2.142 R002 SPEQUE54.7

DATE: 7/7/69

RACIAL DISTANCE 294

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

REF	18.2	20.2	30.0	42.0	52.2	62.2	72.2	82.2	91.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	(PWL)
52	69.39	68.09	67.92	66.95	66.72	66.38	66.32	66.72	67.94	68.34	69.86	71.05	66.15	73.72	75.97			127.1
53	62.72	62.15	64.57	72.56	54.22	64.77	64.69	79.67	66.81	69.09	69.61	69.09	74.27	73.97	75.24			128.0
62	62.72	62.57	63.32	63.71	54.25	63.37	64.69	65.92	65.93	66.95	67.89	69.17	65.70	71.79	73.64			128.0
120	63.56	64.17	64.97	65.13	64.19	64.58	65.51	66.35	67.47	68.32	69.04	70.24	67.04	72.14	72.64			128.0
125	62.61	62.66	62.76	62.88	64.85	64.85	65.19	66.38	72.78	68.59	69.21	70.18	69.68	72.12	71.33			128.0
167	62.42	61.48	62.97	62.17	64.95	63.94	65.36	68.83	66.92	68.75	69.67	69.63	68.26	78.41	69.23			128.3
227	61.39	62.88	62.19	65.54	64.15	66.26	70.11	72.63	68.74	69.14	70.79	69.34	69.64	69.32	68.58			128.3
288	58.83	59.27	57.14	55.57	58.25	59.09	61.94	62.58	63.97	65.40	65.78	68.80	63.80	63.28	64.80			128.2
315	58.88	57.17	58.73	59.12	58.39	57.88	59.16	64.22	62.19	63.24	62.43	68.83	61.75	61.94	61.87			128.8
472	57.89	60.11	63.26	62.14	61.61	59.89	58.88	60.19	60.50	61.77	62.93	64.73	67.89	63.25	69.39			121.2
502	62.54	63.78	64.45	66.21	65.89	64.74	64.22	65.39	63.47	64.49	66.88	67.37	70.13	67.33	64.83			124.8
65	65.39	67.67	68.56	69.32	67.97	68.12	67.93	67.81	67.52	67.85	69.63	71.48	71.81	67.60	67.16			127.8
882	66.67	70.35	72.16	71.68	68.67	69.53	69.11	69.59	68.84	71.03	73.08	72.22	71.17	67.56	68.62			129.7
1362	66.67	71.26	73.28	72.55	70.83	69.82	68.54	69.41	70.31	72.00	73.51	71.72	69.83	68.21	70.32			130.2
1522	66.18	69.69	71.27	72.07	72.28	70.64	69.19	69.91	70.20	71.48	72.46	70.54	69.64	71.16	69.34			130.2
1622	68.92	73.16	75.68	75.93	74.34	74.48	73.99	73.96	73.78	73.1	73.31	74.50	71.86	68.70	69.66			133.7
2282	67.71	73.63	75.24	74.87	72.77	72.69	72.88	72.55	72.55	72.55	74.48	74.92	71.35	70.83	72.56			133.8
2527	69.92	76.88	79.82	78.59	76.42	76.28	77.66	77.49	77.49	77.49	77.49	76.17	73.17	69.49	73.77			136.42
3152	74.27	81.61	81.92	82.13	80.78	81.96	81.14	82.12	81.01	82.35	83.15	78.84	74.14	78.89				148.4
4.22	77.21	83.59	80.18	85.20	86.63	86.25	83.22	86.36	86.07	88.25	89.74	86.69	88.52	79.23	88.38			148.8
5282	69.85	77.83	78.64	76.38	76.58	75.82	79.28	76.68	81.63	74.99	78.51	78.44	74.36	73.88	73.14			131.1
6322	72.22	77.09	77.75	78.21	78.75	78.28	78.79	78.82	80.95	78.93	81.21	79.88	75.18	69.64	74.88			141.9
8782	73.47	78.63	79.53	77.23	77.39	77.32	78.28	78.65	79.83	76.97	79.28	79.98	74.62	72.52	73.77			141.9
10082	67.76	76.34	75.46	75.68	75.41	74.63	73.91	74.12	77.61	74.05	76.66	76.98	71.91	69.48	72.97			141.9
MEASURED CASPL	63.55	68.17	65.17	65.88	64.48	68.83	65.53	61.36	63.33	61.11	61.71	62.85	67.72	66.19	68.66			
CALCULATED CASPL	62.66	68.81	69.66	69.57	68.23	69.05	66.36	68.31	68.22	69.46	68.93	68.71	68.39	66.87				
AVOB	97.73	103.6	105.1	124.8	105.6	105.1	123.3	124.3	124.3	124.3	124.3	124.3	124.3	124.3	124.3			

CASPL: 151.3

AMBIENT TEMP: 81.08
 WIND SPEED: 67.22
 BAR PRESS: 29.34
 ABS. HUMIDITY: 12.26

SCALE: VIBEL ACOUSTIC TEST T/D 8/20/69 R/J 9/4/69-3

RUN#2 CG#2: SPEED#5730

DATE: 9/7/66

RADIAL DISTANCE 256

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SOUN. PRESSURE LEVELS DIRECTIVITY INDEX

FRQ	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000	
57	-1.84	-2.81	-3.11	-3.59	-3.89	-4.19	-4.49	-4.81	-5.17	-5.58	-5.97	-6.37	-6.77	-7.17	-7.57	-7.97	-8.37	-8.77	-9.17	-9.57	-9.97	-10.37
63	-1.51	-2.57	-3.07	-3.67	-4.17	-4.67	-5.17	-5.67	-6.17	-6.67	-7.17	-7.67	-8.17	-8.67	-9.17	-9.67	-10.17	-10.67	-11.17	-11.67	-12.17	-12.67
80	-0.46	-1.58	-2.14	-2.79	-3.44	-4.09	-4.74	-5.39	-6.04	-6.69	-7.34	-7.99	-8.64	-9.29	-9.94	-10.59	-11.24	-11.89	-12.54	-13.19	-13.84	-14.49
100	-0.23	-1.27	-1.94	-2.61	-3.28	-3.95	-4.62	-5.29	-5.96	-6.63	-7.30	-7.97	-8.64	-9.31	-9.98	-10.65	-11.32	-11.99	-12.66	-13.33	-14.00	-14.67
125	-0.09	-1.04	-1.74	-2.44	-3.14	-3.84	-4.54	-5.24	-5.94	-6.64	-7.34	-8.04	-8.74	-9.44	-10.14	-10.84	-11.54	-12.24	-12.94	-13.64	-14.34	-15.04
160	-0.17	-1.11	-1.81	-2.51	-3.21	-3.91	-4.61	-5.31	-6.01	-6.71	-7.41	-8.11	-8.81	-9.51	-10.21	-10.91	-11.61	-12.31	-13.01	-13.71	-14.41	-15.11
200	-0.33	-1.24	-1.94	-2.64	-3.34	-4.04	-4.74	-5.44	-6.14	-6.84	-7.54	-8.24	-8.94	-9.64	-10.34	-11.04	-11.74	-12.44	-13.14	-13.84	-14.54	-15.24
250	-0.59	-1.48	-2.18	-2.88	-3.58	-4.28	-4.98	-5.68	-6.38	-7.08	-7.78	-8.48	-9.18	-9.88	-10.58	-11.28	-11.98	-12.68	-13.38	-14.08	-14.78	-15.48
315	-0.91	-1.79	-2.49	-3.19	-3.89	-4.59	-5.29	-5.99	-6.69	-7.39	-8.09	-8.79	-9.49	-10.19	-10.89	-11.59	-12.29	-12.99	-13.69	-14.39	-15.09	-15.79
400	-0.97	-1.80	-2.50	-3.20	-3.90	-4.60	-5.30	-6.00	-6.70	-7.40	-8.10	-8.80	-9.50	-10.20	-10.90	-11.60	-12.30	-13.00	-13.70	-14.40	-15.10	-15.80
500	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
630	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
800	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
1000	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
1250	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
1600	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
2000	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
2500	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
3150	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
4000	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
5000	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
6300	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
8000	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38
10000	-0.55	-1.38	-2.08	-2.78	-3.48	-4.18	-4.88	-5.58	-6.28	-6.98	-7.68	-8.38	-9.08	-9.78	-10.48	-11.18	-11.88	-12.58	-13.28	-13.98	-14.68	-15.38

ADJ. T. LEVEL 92.00
 "ETD. LEVEL 67.00
 BAR. PRESSURE 29.84
 ABS. HUMIDITY 12.00

SCALE "DBEL ACUSTIC TEST 7/5 8/26/69 R/D 9/17/69

92.02 H0622 S2EUS672E

DATE: 9/27/69

RADIAL DISTANCE 200

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	
15	-7.15	-1.17	-1.23	-3.12	-3.10	-3.06	-6.74	-2.14	-5.13	-1.00	-3.19	-3.77	-7.37	-7.35	-7.33	-7.30	-7.27	-7.24	-7.21	-7.18	-7.15	-7.12	-7.09	-7.06	-7.03
30	-6.91	-0.94	-1.01	-2.90	-2.88	-2.84	-6.52	-1.92	-4.91	-0.78	-2.87	-3.45	-7.05	-7.03	-7.00	-6.97	-6.94	-6.91	-6.88	-6.85	-6.82	-6.79	-6.76	-6.73	-6.70
45	-6.67	-0.70	-0.77	-2.67	-2.65	-2.61	-6.29	-1.68	-4.67	-0.54	-2.56	-3.14	-6.74	-6.72	-6.69	-6.66	-6.63	-6.60	-6.57	-6.54	-6.51	-6.48	-6.45	-6.42	-6.39
60	-6.43	-0.46	-0.53	-2.44	-2.42	-2.38	-6.06	-1.45	-4.44	-0.31	-2.23	-2.81	-6.41	-6.39	-6.36	-6.33	-6.30	-6.27	-6.24	-6.21	-6.18	-6.15	-6.12	-6.09	-6.06
75	-6.19	-0.20	-0.27	-2.21	-2.19	-2.15	-5.84	-1.23	-4.22	-0.09	-2.01	-2.59	-6.19	-6.17	-6.14	-6.11	-6.08	-6.05	-6.02	-5.99	-5.96	-5.93	-5.90	-5.87	-5.84
90	-5.95	0.09	0.16	-2.00	-1.98	-1.94	-5.64	-1.01	-4.03	0.14	-1.84	-2.42	-5.94	-5.92	-5.89	-5.86	-5.83	-5.80	-5.77	-5.74	-5.71	-5.68	-5.65	-5.62	-5.59
105	-5.71	0.38	0.45	-1.79	-1.77	-1.73	-5.44	-0.79	-3.86	0.41	-1.64	-2.22	-5.76	-5.74	-5.71	-5.68	-5.65	-5.62	-5.59	-5.56	-5.53	-5.50	-5.47	-5.44	-5.41
120	-5.47	0.67	0.74	-1.58	-1.56	-1.52	-5.24	-0.54	-3.66	0.70	-1.44	-2.02	-5.56	-5.54	-5.51	-5.48	-5.45	-5.42	-5.39	-5.36	-5.33	-5.30	-5.27	-5.24	-5.21
135	-5.23	0.96	1.03	-1.37	-1.35	-1.31	-5.04	-0.29	-3.47	1.00	-1.24	-1.82	-5.38	-5.36	-5.33	-5.30	-5.27	-5.24	-5.21	-5.18	-5.15	-5.12	-5.09	-5.06	-5.03
150	-5.00	1.25	1.32	-1.16	-1.14	-1.10	-4.84	0.00	-3.28	1.24	-1.04	-1.62	-5.20	-5.18	-5.15	-5.12	-5.09	-5.06	-5.03	-5.00	-4.97	-4.94	-4.91	-4.88	-4.85
165	-4.76	1.54	1.61	-0.95	-0.93	-0.89	-4.64	0.29	-3.09	1.43	-0.84	-1.42	-5.02	-5.00	-4.97	-4.94	-4.91	-4.88	-4.85	-4.82	-4.79	-4.76	-4.73	-4.70	-4.67
180	-4.52	1.83	1.90	-0.74	-0.72	-0.68	-4.44	0.58	-2.90	1.62	-0.64	-1.24	-4.84	-4.82	-4.79	-4.76	-4.73	-4.70	-4.67	-4.64	-4.61	-4.58	-4.55	-4.52	-4.49
195	-4.28	2.12	2.19	-0.53	-0.51	-0.47	-4.24	0.87	-2.71	1.81	-0.44	-1.04	-4.64	-4.62	-4.59	-4.56	-4.53	-4.50	-4.47	-4.44	-4.41	-4.38	-4.35	-4.32	-4.29
210	-4.04	2.41	2.48	-0.32	-0.30	-0.26	-4.04	1.16	-2.50	2.00	-0.24	-0.84	-4.44	-4.42	-4.39	-4.36	-4.33	-4.30	-4.27	-4.24	-4.21	-4.18	-4.15	-4.12	-4.09
225	-3.80	2.70	2.77	-0.11	-0.09	-0.05	-3.84	1.45	-2.29	2.19	-0.04	-0.64	-4.24	-4.22	-4.19	-4.16	-4.13	-4.10	-4.07	-4.04	-4.01	-3.98	-3.95	-3.92	-3.89
240	-3.56	2.99	3.06	0.10	0.08	0.04	-3.64	1.74	-2.08	2.38	0.24	-0.44	-4.04	-4.02	-3.99	-3.96	-3.93	-3.90	-3.87	-3.84	-3.81	-3.78	-3.75	-3.72	-3.69
255	-3.32	3.28	3.35	0.29	0.27	0.23	-3.44	2.03	-1.87	2.67	0.53	-0.24	-3.84	-3.82	-3.79	-3.76	-3.73	-3.70	-3.67	-3.64	-3.61	-3.58	-3.55	-3.52	-3.49
270	-3.08	3.57	3.64	0.48	0.46	0.42	-3.24	2.32	-1.66	2.96	0.83	-0.04	-3.64	-3.62	-3.59	-3.56	-3.53	-3.50	-3.47	-3.44	-3.41	-3.38	-3.35	-3.32	-3.29
285	-2.84	3.86	3.93	0.67	0.65	0.61	-3.04	2.61	-1.35	3.20	1.13	0.24	-3.44	-3.42	-3.39	-3.36	-3.33	-3.30	-3.27	-3.24	-3.21	-3.18	-3.15	-3.12	-3.09
300	-2.60	4.15	4.22	0.86	0.84	0.80	-2.84	2.90	-1.04	3.79	1.42	0.53	-3.24	-3.22	-3.19	-3.16	-3.13	-3.10	-3.07	-3.04	-3.01	-2.98	-2.95	-2.92	-2.89
315	-2.36	4.44	4.51	1.05	1.03	0.99	-2.64	3.19	-0.74	4.68	1.71	0.83	-3.04	-3.02	-2.99	-2.96	-2.93	-2.90	-2.87	-2.84	-2.81	-2.78	-2.75	-2.72	-2.69
330	-2.12	4.73	4.80	1.24	1.22	1.18	-2.44	3.48	-0.44	5.57	2.00	1.13	-2.84	-2.82	-2.79	-2.76	-2.73	-2.70	-2.67	-2.64	-2.61	-2.58	-2.55	-2.52	-2.49
345	-1.88	5.02	5.09	1.43	1.41	1.37	-2.24	3.77	-0.14	6.46	2.29	1.42	-2.64	-2.62	-2.59	-2.56	-2.53	-2.50	-2.47	-2.44	-2.41	-2.38	-2.35	-2.32	-2.29
360	-1.64	5.31	5.38	1.62	1.60	1.56	-2.04	4.06	0.24	7.35	2.58	1.71	-2.44	-2.42	-2.39	-2.36	-2.33	-2.30	-2.27	-2.24	-2.21	-2.18	-2.15	-2.12	-2.09

ACCIDENT TEMP 61.22
 AIR SURF TEMP 77.22
 BAR PRESSURE 29.84
 AHS HUMIDITY 32.66

SCALE MODEL ACOUSTIC TEST 7/0 8/28/69 R/D 9/4/69-3

REV#2 40623 SPEED#652

DATE: 9/24/69

RACIAL DISTANCE 25%

PAGE: 1

ROUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	12	16.2	21.2	35.2	42.2	51.2	67.2	78.2	92.2	102.0	110.2	122.3	132.3	142.2	150.2	162.2	170.0 (PHL)
52	74.75	70.77	70.50	70.50	70.73	69.34	72.47	69.13	72.17	69.66	71.91	71.49	72.49	68.12	77.59	80.31	180.1
63	04.27	04.26	07.14	73.55	07.33	68.07	07.20	79.36	68.54	71.04	71.04	71.35	72.50	70.87	76.69	80.43	171.8
87	01.85	02.68	05.42	06.56	06.72	07.39	07.28	08.62	08.55	73.19	71.42	72.42	72.42	68.73	76.35	78.50	128.5
122	06.72	08.49	09.45	07.72	07.84	08.97	72.56	75.65	73.15	74.28	72.54	73.31	73.15	70.63	77.69		131.8
125	03.17	03.82	06.61	06.48	07.34	08.39	06.49	11.51	12.13	12.13	12.13	12.70	13.79	13.26	17.87	15.70	
147	02.73	03.02	03.81	04.72	04.22	07.52	06.45	76.37	73.18	71.16	71.92	72.79	72.81	74.11	76.32		129.4
227	02.51	03.37	02.56	03.26	03.85	05.72	07.52	72.52	71.44	71.44	71.44	73.82	73.32	71.62	78.78	78.24	128.4
252	08.55	09.83	59.04	59.22	61.57	63.46	64.88	65.94	67.49	68.31	66.74	68.04	68.17	69.70	66.47		184.2
315	59.83	58.43	62.07	61.28	61.22	61.63	62.93	66.18	64.45	64.45	63.40	63.12	63.14	64.11	65.89		182.4
482	02.59	03.38	03.16	04.29	04.51	61.76	61.71	63.43	63.13	63.72	63.72	63.72	63.72	70.61	70.61	65.91	123.9
522	04.48	06.67	06.29	08.74	08.82	05.88	05.71	66.04	66.67	68.75	69.67	72.72	73.64	71.47	66.88		127.9
632	06.92	09.15	78.26	72.55	78.96	69.36	72.47	69.98	71.83	71.83	71.83	73.18	74.44	74.96	71.48	71.44	138.7
829	07.35	78.61	73.91	72.59	72.29	71.52	72.13	72.25	72.49	73.85	74.59	74.98	73.15	78.13	78.94		131.9
1282	07.17	71.11	73.73	71.64	73.09	72.44	72.58	72.70	72.80	73.30	73.30	73.30	73.30	72.47	68.70	72.54	128.2
1291	06.91	73.32	73.98	71.60	74.10	72.15	71.77	73.03	73.81	73.81	73.81	73.81	73.81	72.39	69.34	78.14	132.5
1422	08.78	73.78	77.53	77.49	78.49	76.89	76.58	73.41	74.32	73.79	74.32	73.38	76.88	72.39	69.34	78.14	135.5
2282	07.62	73.12	77.29	74.82	76.38	74.75	76.14	74.67	75.39	75.76	76.31	75.52	72.91	71.30	72.28		138.2
2582	06.49	77.31	75.94	77.87	78.64	77.21	78.72	76.57	78.83	79.16	78.85	76.94	74.33	69.40	73.54		137.7
3152	71.66	79.85	81.38	82.59	81.78	82.58	82.63	81.29	82.12	82.80	81.41	81.90	77.11	72.18	77.25		141.3
4282	73.59	81.12	84.78	84.49	89.33	87.51	85.04	86.37	85.28	86.45	84.63	87.52	88.85	88.09	88.26		147.2
5222	68.25	77.33	77.34	79.76	80.83	77.56	78.85	77.48	84.14	80.73	80.27	79.67	78.35	74.89	73.76	73.41	139.9
6382	72.72	78.59	79.46	82.14	82.71	81.73	83.89	82.77	87.12	83.57	84.62	81.99	78.32	72.39	76.94		148.2
8382	67.66	78.36	78.98	77.52	78.38	77.47	83.33	78.63	81.84	79.61	79.35	78.78	78.35	73.14	72.41		142.0
12282	66.15	75.51	77.33	74.16	74.16	75.39	73.20	75.83	78.85	74.88	80.33	80.34	74.38	69.41	72.33		148.0

REDUCED CASPL
CALCULATED CASPL

AIRB.T TEMP 61.82
MET.BULB TEMP 67.82
BAR PRESSURE 24.54
HGT. HUMIDITY 17.86

SCALE MCJEL ACOUSTIC TEST 7/0 9/28/69 R/D 9/4/69-3
RUMER R0024 SPEED0667

OAPHL: 182.4

DATE: 5/24/59

RADIAL DISTANCE 252

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SOUL PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE FROM INLET	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2		
5.0	-1.23	-1.72	-1.27	-2.96	-2.04	-3.17	-1.31	-2.04	-1.29	-1.94	-4.18	5.28	0.212
5.5	-6.06	-6.07	-1.27	-6.58	-5.25	-6.66	-6.24	-5.37	-4.28	-5.2	-9.27	4.773	6.512
6.0	-7.69	-3.15	-3.15	-3.15	-3.15	-3.15	-1.75	-2.03	-3.88	8.45	2.868	5.179	7.982
6.5	-4.46	-3.52	-5.14	-3.29	-3.98	-3.98	2.692	1.957	1.22	-4.43	3.533	1.955	3.672
7.0	-5.92	-5.13	-5.14	-4.42	-3.60	-2.25	2.37	1.198	4.28	1.81	1.943	3.216	5.327
7.5	-6.28	-6.38	-6.38	-5.98	-2.60	-1.73	1.339	-0.85	1.851	1.778	3.524	1.722	4.326
8.0	-6.72	-7.53	-7.53	-5.84	-4.17	-2.57	2.433	3.831	1.348	2.928	1.529	1.822	4.477
8.5	-5.11	-5.11	-5.11	-4.16	-2.33	-0.47	2.072	1.756	2.575	3.011	2.368	1.568	7.371
9.0	-2.03	-1.9	-2.16	-2.64	-2.23	-1.927	2.242	1.797	1.287	-3.74	2.479	2.499	3.873
9.5	-2.03	-1.87	-2.14	-1.73	-1.47	-1.52	-2.88	-3.89	-1.91	-5.13	2.933	5.941	4.729
10.0	-2.1	-1.82	-1.82	-1.75	-1.22	-1.37	-2.44	-2.44	2.33	8.82	2.541	4.559	2.189
10.5	-2.17	-1.16	-1.17	-1.79	-1.85	-1.25	-1.74	-0.87	-3.39	1.458	2.718	3.176	1.282
11.0	-2.25	-1.24	-1.24	-1.72	-1.61	-1.387	-0.928	1.736	2.848	2.918	2.73	1.92	1.92
11.5	-1.85	-1.24	-1.24	-1.24	-1.79	-1.73	-0.82	4.326	1.488	4.424	1.491	3.17	2.09
12.0	-1.2	-1.03	-1.03	-1.38	-1.27	-1.26	0.812	0.833	3.81	3.81	3.81	3.39	3.48
12.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
13.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
13.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
14.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
14.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
15.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
15.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
16.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
16.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
17.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
17.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
18.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
18.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
19.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
19.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
20.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
20.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
21.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
21.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
22.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
22.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
23.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
23.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
24.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
24.5	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33
25.0	-2.13	-1.36	-1.36	-1.36	-1.23	-2.42	-0.16	-0.25	3.447	1.42	1.844	2.45	1.33

AMBIENT TEMP 81.28
 REFERENCE TEMP 87.22
 BAR. PRESS RE 25.24
 ABS. HUMIDITY 12.60

SCALE MODEL ACOUSTIC TEST T/U 8/28/69 R/D 8/4/69-3

RU'82 2:3824 SPEED 6467

BOUNDARY PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET												
	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	
52	-2.58	-2.90	-2.85	-3.39	-2.99	-3.01	-3.56	-3.53	-3.66	-3.17	-4.04	4.99	7.145
63	-9.65	-12.81	-6.72	-1.89	-6.13	-5.46	-6.54	-5.94	-2.42	-2.07	-1.23	1.521	5.479
82	-9.62	-9.89	-5.10	-1.56	-3.91	-2.36	-3.59	-2.99	-1.81	-1.91	1.733	1.823	5.179
122	-6.56	-6.77	-8.55	-1.56	-4.33	-2.58	-9.60	-7.82	-8.46	1.343	1.328	7.220	4.584
125	-7.16	-6.94	-8.78	-1.49	-4.47	-2.23	-1.98	-3.11	-6.83	1.004	2.084	1.726	5.374
162	-7.19	-6.75	-6.21	-7.34	-4.22	-2.85	-1.82	-1.78	-3.81	1.988	1.777	2.123	4.183
202	-6.47	-6.69	-7.38	-4.71	-5.47	-4.19	-2.44	-2.79	-2.93	1.711	2.737	2.744	1.691
257	-6.48	-5.56	-6.69	-4.74	-4.96	-3.13	-1.37	-2.78	-1.79	2.003	3.362	2.661	4.157
315	-4.92	-6.32	-2.88	-2.18	-2.99	-2.95	-2.49	-2.59	-1.24	1.953	3.019	3.006	3.924
422	-5.77	-4.26	-4.18	-1.58	-1.88	-1.78	-2.78	-2.38	-1.82	1.845	1.788	1.874	4.175
522	-6.39	-2.76	-4.14	-1.14	-1.62	-3.81	-2.48	-2.38	-2.77	1.164	4.874	3.215	4.028
531	-4.92	-2.67	-1.73	-1.72	-1.22	-1.98	-3.23	-2.83	-1.59	1.882	1.162	2.893	3.277
577	-5.19	-2.44	-1.62	-1.74	-1.55	-1.42	-1.46	-1.58	-1.82	1.493	1.493	2.522	1.105
1227	-6.12	-2.15	-2.02	-1.57	-1.41	-1.81	-1.34	-1.52	-1.15	1.849	1.846	1.818	1.215
1257	-5.71	-2.07	-2.15	-2.49	-1.54	-1.29	-1.54	-1.68	-1.29	1.808	1.419	1.818	1.215
1622	-5.29	-1.52	-1.28	-1.73	-1.47	-1.92	-1.82	-1.97	-1.27	1.842	1.487	1.387	1.215
2020	-7.47	-1.84	-1.86	-2.21	-1.28	-1.22	-1.86	-2.63	-1.22	1.894	1.884	1.326	1.215
2508	-8.31	-1.64	-1.37	-1.34	-1.48	-1.62	-1.16	-1.39	-1.74	1.811	1.811	1.215	1.215
3152	-8.39	-1.53	-1.49	-1.28	-1.28	-1.27	-1.38	-1.18	-1.85	1.858	1.858	1.215	1.215
4202	-9.28	-3.78	-1.57	-1.28	-1.82	-1.86	-1.39	-1.59	-1.42	1.424	1.845	1.845	1.215
5237	-9.59	-1.93	-1.79	-1.37	-1.39	-1.81	-1.61	-1.44	-1.55	1.554	1.554	1.215	1.215
6302	-11.2	-4.11	-4.44	-2.58	-1.99	-1.87	-1.62	-1.32	-2.83	2.181	1.111	1.111	1.215
8002	-11.1	-4.76	-4.72	-4.60	-3.94	-1.44	-1.22	-1.48	-1.33	1.834	1.834	1.215	1.215
12302	-19.52	-1.893	-1.37	-2.18	-2.82	-2.17	-1.16	-1.81	-1.134	1.878	1.878	1.215	1.215

AMBIENT TEMP. 83.08
 MET-BULB TEMP. 86.08
 BAR. PRESSURE 29.84
 ABS. HUMIDITY 12.95

SCALE MODEL ACOUSTIC TEST T/O 6/20/69 R/D 9/4/69-3

RUN#2 AC025 SP0806623

RADIAL DISTANCE 220

SOUND PRESSURE LEVELS REDUCED AT STAND 1 DAY

FREQ	2.0	16.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	120.0	150.0	170.0	200.0
57	72.14	72.14	69.68	68.50	68.47	69.47	69.94	72.06	71.52	72.84	73.37	74.06	69.48	70.99	71.84
67	66.72	66.08	66.95	71.37	67.27	66.17	65.59	62.32	71.36	73.06	73.48	75.28	70.07	82.48	132.0
87	63.48	64.64	65.86	67.22	67.51	67.72	68.22	73.59	72.99	78.18	73.53	75.17	72.53	70.81	138.8
107	64.48	65.73	66.64	67.57	68.00	70.02	72.28	73.83	74.03	74.38	74.31	74.88	74.00	71.88	139.2
127	67.87	67.33	67.35	67.38	70.00	71.08	73.85	76.89	76.87	76.33	75.38	77.12	76.39	80.00	139.3
147	63.78	66.32	65.32	65.79	66.88	66.87	69.86	71.87	71.78	73.27	73.18	75.08	74.55	77.41	139.5
167	63.79	65.21	63.95	65.60	65.93	66.71	68.33	73.28	71.53	72.83	73.73	73.26	73.44	72.67	140.9
187	63.29	62.62	61.71	62.89	64.84	64.82	66.87	67.88	70.46	73.08	72.88	74.87	69.95	71.83	140.8
207	61.67	60.57	63.78	63.55	64.14	65.82	66.13	66.99	68.34	69.28	68.88	68.71	48.24	68.73	140.9
227	62.25	65.31	66.41	66.51	66.51	64.38	64.82	64.87	65.34	67.00	68.83	71.51	74.27	73.37	142.3
247	65.95	69.27	69.33	70.48	70.37	69.99	69.98	68.33	68.68	69.88	72.07	73.84	75.92	74.13	142.4
267	67.73	72.72	71.61	72.85	72.26	72.08	72.28	72.81	74.38	75.48	77.88	77.82	73.07	73.19	143.8
287	68.24	70.74	72.51	73.39	73.99	72.86	73.74	73.11	73.68	75.16	75.44	75.97	74.06	72.29	143.7
307	68.44	68.04	70.85	72.88	73.45	70.88	72.88	73.88	73.16	74.16	74.28	74.69	74.00	74.07	143.7
327	67.79	70.56	74.78	73.23	73.28	73.98	73.98	73.98	73.98	73.98	73.98	74.16	73.98	70.91	143.8
347	68.23	73.01	77.35	78.28	78.79	74.87	74.48	76.48	76.48	76.48	77.28	73.83	72.83	71.83	143.8
367	67.75	72.98	74.47	74.48	75.74	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	143.8
387	66.63	75.84	76.55	77.54	77.47	76.32	76.04	77.88	78.09	78.87	78.48	77.28	75.28	74.31	143.8
407	72.25	79.53	80.19	80.35	81.33	80.35	81.33	81.33	81.33	82.16	82.16	82.16	82.16	82.16	143.8
427	72.49	82.87	87.51	84.14	83.32	80.99	81.84	88.73	85.11	83.83	84.77	84.99	84.99	82.02	143.8
447	71.78	79.23	82.87	79.59	81.16	81.44	82.56	83.47	82.67	81.56	81.16	79.42	76.39	76.39	143.8
467	72.42	76.84	79.07	78.08	81.22	81.72	82.82	83.06	81.72	82.82	81.72	82.82	81.72	82.82	143.8
487	78.46	79.43	80.46	80.46	79.43	78.46	81.33	81.33	81.33	81.33	81.33	81.33	81.33	81.33	143.8
507	67.37	75.09	76.82	75.11	74.53	75.57	76.53	78.14	80.84	79.36	81.33	81.33	77.17	71.61	143.8

MEASURED CASPL	93.77	89.74	92.46	91.32	91.59	92.93	91.83	94.17	94.82	93.44	94.29	93.72	98.86	91.45	91.82
CALCULATED CASPL	62.89	66.39	61.26	69.59	65.42	68.95	64.64	63.84	62.84	62.85	62.98	62.36	69.57	68.10	68.82
PND	97.72	103.11	100.7	103.11	100.8	100.3	100.8	101.9	101.6	100.8	101.9	101.6	101.7	101.7	102.0

0APML1 193.2

AMBIENT TEMP 63.88
 REBOUND TEMP 66.88
 BAR PRESSURE 29.84
 REL. HUMIDITY 12.98

SCALE MODEL ACOUSTIC TEST 7/5 8/28/82 R/D 9/8/88-3

RJVT2 R2002- SPEU00854

RADIAL DISTANCE 254

DATE: 7/5/66

SCALE: PRESSURE LEVELS REDUCED AT STANDARD DAY

INCH	16.7	21.0	32.0	42.2	51.7	60.2	70.2	81.2	92.2	102.2	112.2	122.0	130.0	140.0	150.0	160.0	170.0	(PHL)
50	71.56	71.74	72.24	69.49	69.76	70.32	70.69	73.12	73.64	73.14	73.94	75.27	78.49	80.97	83.57	86.2	88.9	132.1
60	67.33	67.56	67.32	72.21	69.34	68.99	69.42	68.97	70.48	73.71	73.93	75.59	79.47	81.33	84.37	87.4	90.5	133.6
80	54.5	65.43	66.17	67.57	63.82	68.11	68.57	72.92	71.48	73.1	74.12	75.94	73.32	80.19	82.79	85.7	88.19	135.7
100	62.42	66.40	67.48	68.37	68.58	70.53	71.59	73.19	73.78	74.51	75.65	77.55	76.22	80.10	81.10	82.7	84.3	137.7
125	67.34	68.32	68.49	68.35	70.18	73.81	74.94	77.84	77.11	78.12	78.29	81.81	77.35	81.19	81.93	82.7	83.5	139.6
150	64.05	66.89	69.83	69.93	69.14	69.96	70.41	72.96	73.94	74.69	75.94	79.56	79.48	81.11	81.92	82.7	83.5	141.2
175	64.05	66.17	64.77	66.22	65.79	67.31	69.61	73.44	73.27	74.86	74.32	74.46	74.71	74.82	74.82	74.82	74.82	142.8
200	64.09	63.69	61.04	63.48	63.98	65.81	67.39	67.23	68.81	70.39	72.69	73.49	78.61	72.21	71.81	71.81	71.81	144.4
225	61.92	61.36	64.38	65.19	63.97	62.60	63.13	64.58	64.74	64.39	65.86	61.99	70.53	70.11	69.53	69.11	68.53	146.0
250	62.29	62.16	63.67	63.52	63.38	63.35	63.28	62.57	62.88	63.71	64.58	63.12	72.32	72.32	72.32	72.32	72.32	147.6
275	60.51	60.97	60.95	71.87	69.99	69.37	69.66	69.94	69.58	70.59	73.70	78.39	76.84	79.89	72.37	72.37	72.37	149.1
300	60.34	71.28	72.05	74.29	73.94	73.46	74.78	73.3	73.68	74.99	76.38	78.03	77.92	74.06	74.06	74.06	74.06	150.7
325	65.63	71.94	73.72	73.54	74.49	73.90	74.28	74.26	74.44	75.84	76.58	77.15	76.88	73.82	73.82	73.82	73.82	152.3
350	65.18	72.85	74.96	75.61	74.58	73.11	73.58	72.82	73.78	73.42	74.27	74.99	73.94	72.15	72.15	72.15	72.15	153.9
375	66.93	72.17	73.89	75.21	74.98	74.92	75.08	73.3	73.98	74.87	75.63	76.08	75.83	71.76	71.76	71.76	71.76	155.5
400	74.37	74.36	70.77	77.21	78.61	76.02	78.88	76.89	74.39	77.28	79.18	78.42	74.19	78.72	72.71	72.71	72.71	157.1
425	68.79	74.49	75.77	74.76	75.44	74.11	75.81	73.95	74.48	74.88	75.29	75.77	72.75	72.07	72.07	72.07	72.07	158.7
450	72.09	76.33	75.41	77.81	77.81	78.19	79.34	76.88	78.08	79.48	79.81	77.81	77.81	74.03	78.82	74.22	74.22	160.3
475	71.71	80.98	81.37	81.83	82.08	81.92	81.21	81.93	82.15	82.26	81.74	81.18	77.99	73.53	76.46	76.46	76.46	161.9
500	77.35	53.95	87.37	88.57	88.56	88.34	87.93	82.1	86.75	89.26	89.76	84.11	88.11	82.01	88.26	88.26	88.26	163.5
525	72.15	52.39	83.84	83.85	83.77	83.77	84.99	83.85	82.42	82.64	81.92	78.78	88.18	77.41	77.41	77.41	77.41	165.1
550	73.29	79.39	78.56	84.58	84.58	84.58	84.58	84.58	84.58	84.58	84.58	84.58	84.58	84.58	84.58	84.58	84.58	166.7
575	72.31	83.67	78.84	79.34	80.83	79.33	81.33	82.37	83.19	82.77	83.19	83.19	83.19	83.19	83.19	83.19	83.19	168.3
600	72.11	77.79	78.28	77.18	78.29	77.93	78.13	78.11	80.34	80.18	81.74	83.18	77.71	73.13	74.71	73.13	74.71	169.9
625	85.46	91.65	92.78	92.21	93.82	92.64	93.61	94.66	94.20	93.04	94.38	94.49	91.26	92.49	93.85	93.85	93.85	171.5
650	84.21	92.24	91.48	91.58	92.87	91.54	92.55	93.59	92.89	92.24	92.66	93.84	89.92	91.16	91.79	91.79	91.79	173.1
675	90.97	104.8	100.7	100.7	100.7	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	174.7

135.7

135.7

135.7

135.7

135.7

135.7

TEMP: 63.00

WIND: 0.00

REL. HUM: 2.04

WIND DIR: 2.93

SCALE: 4.5TL ACC: 5TIC TEST: 7/10 8/28/69 R/C: 9/3/69-3

SPEE0694

WIND: 4.5TL

WIND: 4.5TL

WIND: 4.5TL

WIND: 4.5TL

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WIND: 4.5TL

135.7

135.7

135.7

135.7

RATIAL DISTANCE 256

DATE 8/7/59

SOVA PRESSURE LEVELS DIRECTIVITY INDEX

ANGLES FROM CENTER

2.03	-2.64	-4.15	-4.71	-4.93	-3.69	-1.26	-2.74	-1.95	-4.29	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0
-0.44	-7.01	-0.40	-1.97	-7.43	-0.36	4.97	-4.38	-2.96	-1.93	-0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0
-9.09	-8.33	-7.59	-6.16	-5.59	-4.19	-2.94	-2.29	-1.68	-0.85	0.25	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0
-9.12	-8.14	-7.56	-6.27	-5.46	-4.12	-3.34	-1.44	-0.85	0.25	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-8.48	-8.17	-8.19	-7.14	-6.53	-5.19	-3.48	-1.22	-0.72	0.25	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-8.48	-8.21	-7.28	-6.23	-4.77	-3.95	-2.58	-1.94	-0.93	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-7.49	-8.67	-7.26	-6.26	-5.44	-4.33	-3.25	-1.93	-0.93	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-6.43	-6.63	-6.48	-6.34	-5.31	-4.31	-3.29	-1.93	-0.93	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-3.45	-4.49	-1.52	-2.48	-2.91	-3.38	-2.75	-3.02	-1.93	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-7.12	-4.24	-3.33	-2.78	-3.83	-4.44	-5.11	-3.92	-1.93	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-5.38	-3.31	-3.33	-3.12	-2.49	-2.82	-2.45	-2.71	-1.93	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-6.37	-3.83	-2.26	-1.23	-1.67	-1.45	-1.28	-1.23	-0.93	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-5.89	-5.78	-1.41	-1.27	-2.23	-1.13	-1.46	-1.46	-1.46	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-4.59	-6.28	1.47	0.29	1.65	1.75	0.95	1.84	1.84	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-5.19	-2.15	-3.22	-0.29	1.43	1.30	0.89	1.49	1.49	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-6.59	-2.59	-1.79	-0.22	1.86	1.31	1.07	1.54	1.54	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-5.86	-3.82	-1.73	-0.49	1.89	1.89	1.89	1.15	2.86	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-7.73	-1.87	-2.41	-1.19	1.76	1.76	1.76	1.15	1.84	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-7.31	-1.33	1.54	1.33	1.41	1.84	1.84	1.84	1.84	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-8.23	-1.83	1.54	1.62	1.76	1.84	1.84	1.84	1.84	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-9.43	-1.78	1.62	1.66	1.66	1.66	1.66	1.66	1.66	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-9.51	-1.11	1.46	1.41	1.41	1.41	1.41	1.41	1.41	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-8.22	-1.04	1.79	1.49	1.49	1.49	1.49	1.49	1.49	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0
-8.13	-1.17	1.93	1.78	1.66	1.66	1.66	1.66	1.66	0.05	192.0	193.0	194.0	195.0	196.0	197.0	198.0	199.0	200.0	201.0

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DATA TEMP 83.66
 DATA TEMP 83.66
 DATA PRESSURE 29.24
 DATA DENSITY 12.93

DATE 8/28/59 T/L 8/28/59 R/J 9/5/59-3
 PAGE 400647 SPEEUB04

LATEI 9/25/69

RADIAL DISTANCE 252

PAGEI 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2
52	-4.12	-4.33	-5.29	-6.37	-7.56	-8.84	-10.21	-11.69	-13.27	-14.94	-16.70	-18.56	-20.51	-22.55	-24.68
63	-9.37	-9.11	-9.34	-9.72	-10.34	-11.10	-11.99	-12.99	-14.09	-15.29	-16.58	-17.96	-19.43	-20.99	-22.64
82	-9.89	-9.79	-7.75	-6.12	-4.88	-3.85	-3.01	-2.29	-1.71	-1.24	-0.88	-0.61	-0.42	-0.29	-0.21
102	-1.15	-8.92	-0.87	-0.57	-0.77	-1.07	-1.66	-2.49	-3.63	-5.05	-6.74	-8.70	-10.93	-13.44	-16.22
122	-7.78	-6.79	-7.61	-7.89	-8.34	-8.93	-9.66	-10.51	-11.47	-12.54	-13.72	-15.00	-16.38	-17.85	-19.41
142	-7.99	-6.69	-7.12	-6.98	-6.95	-6.94	-6.97	-7.03	-7.10	-7.18	-7.26	-7.34	-7.42	-7.50	-7.58
162	-6.75	-5.44	-6.91	-6.20	-5.22	-4.22	-3.22	-2.22	-1.22	-0.22	0.78	1.78	2.78	3.78	4.78
182	-3.20	-3.44	-5.25	-5.19	-5.52	-6.02	-6.67	-7.45	-8.36	-9.39	-10.54	-11.80	-13.17	-14.64	-16.21
202	-2.00	-5.96	-2.85	-2.80	-2.82	-2.84	-2.86	-2.88	-2.90	-2.92	-2.94	-2.96	-2.98	-3.00	-3.02
222	-6.14	-5.82	-6.65	-6.58	-6.62	-6.66	-6.70	-6.74	-6.78	-6.82	-6.86	-6.90	-6.94	-6.98	-7.02
242	-7.02	-5.72	-6.44	-6.37	-6.40	-6.43	-6.46	-6.49	-6.52	-6.55	-6.58	-6.61	-6.64	-6.67	-6.70
262	-7.14	-4.87	-5.18	-5.11	-5.14	-5.17	-5.20	-5.23	-5.26	-5.29	-5.32	-5.35	-5.38	-5.41	-5.44
282	-3.69	-1.80	-1.82	-2.19	-2.39	-2.60	-2.81	-3.02	-3.23	-3.44	-3.65	-3.86	-4.07	-4.28	-4.49
302	-8.88	-6.83	-3.89	-1.19	2.78	1.72	1.26	0.83	0.41	0.00	-0.41	-0.83	-1.26	-1.69	-2.12
322	-1.17	-5.28	-5.14	-5.11	-5.12	-5.13	-5.14	-5.15	-5.16	-5.17	-5.18	-5.19	-5.20	-5.21	-5.22
342	-0.42	-5.32	-2.83	-2.83	-2.83	-2.83	-2.83	-2.83	-2.83	-2.83	-2.83	-2.83	-2.83	-2.83	-2.83
362	-1.13	-7.31	-6.73	-6.73	-6.73	-6.73	-6.73	-6.73	-6.73	-6.73	-6.73	-6.73	-6.73	-6.73	-6.73
382	-1.52	-6.98	-6.71	-6.71	-6.71	-6.71	-6.71	-6.71	-6.71	-6.71	-6.71	-6.71	-6.71	-6.71	-6.71
402	-6.69	-4.88	-2.16	-1.18	1.07	2.44	4.00	5.72	7.59	9.60	11.74	14.00	16.38	18.88	21.50
422	-1.2	-3.98	-3.73	-3.73	-3.73	-3.73	-3.73	-3.73	-3.73	-3.73	-3.73	-3.73	-3.73	-3.73	-3.73
442	-0.16	-3.36	-1.79	-1.48	-1.25	-1.00	-0.75	-0.50	-0.25	0.00	0.25	0.50	0.75	1.00	1.25
462	-0.84	-2.23	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
482	-1.18	-3.19	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12
502															

B49

ASSIST. TEST. 83.0M
 TEST. TEMP. 68.00
 BAR. PRESSURE 29.84
 ABS. HUMIDITY 12.03

SCALE MODEL ACOUSTIC TEST T/U 8/28/69 R/D 9/5/69-3

DATE 9/25/69

DATE: 9/25/09

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	75.17	74.40	73.40	72.17	72.07	73.15	73.76	74.20	75.17	70.24	77.10	79.28	74.14	85.03	88.07
52	72.92	70.41	69.89	72.55	71.49	72.92	73.39	75.53	75.25	70.08	77.54	79.73	77.52	86.88	98.33
63	69.82	70.24	70.27	71.70	72.35	72.46	74.08	75.53	75.92	71.09	77.95	79.78	76.32	85.71	89.52
75	69.89	70.45	70.78	71.48	72.74	73.72	75.04	77.32	77.26	70.38	79.48	81.48	80.00	87.43	87.58
102	71.96	73.41	71.78	71.26	74.21	77.82	75.64	77.52	81.84	79.59	81.52	82.83	82.51	87.23	85.33
135	69.51	71.72	69.51	71.19	72.12	73.46	74.54	75.47	76.96	77.76	79.19	80.53	80.51	83.91	86.37
162	68.44	70.51	68.54	69.23	69.42	72.71	75.27	73.98	75.21	70.17	77.43	78.11	78.89	78.54	77.21
202	68.18	67.87	68.12	65.74	65.74	67.45	69.77	69.84	75.43	71.37	73.77	73.77	78.82	71.14	74.82
252	66.36	65.38	67.59	66.18	65.64	64.02	64.88	66.87	68.89	61.24	68.31	70.16	75.58	70.24	70.27
315	67.17	70.19	71.26	72.18	71.89	70.14	65.51	70.12	70.43	71.84	74.48	77.78	81.81	79.08	79.24
402	69.85	73.19	73.22	74.69	73.98	74.35	74.22	74.91	75.11	75.31	78.39	80.06	82.51	81.05	79.95
512	71.36	74.15	74.49	75.27	75.79	76.29	76.96	77.21	78.86	78.77	80.26	82.29	82.73	79.93	79.25
632	71.39	74.37	74.50	75.12	75.79	75.39	77.16	78.21	78.82	81.58	82.95	83.56	82.39	77.71	77.88
762	70.16	70.45	74.38	70.14	77.07	77.42	76.58	77.89	77.38	77.78	78.14	78.85	77.41	78.13	74.85
902	71.98	76.48	79.05	67.14	90.05	86.28	85.53	86.56	85.87	82.77	82.33	80.99	80.83	78.64	77.95
1052	70.97	81.55	81.99	82.23	85.92	85.94	84.91	82.87	87.19	90.31	86.36	85.41	86.15	81.27	79.89
1202	70.86	76.97	81.72	81.38	88.37	89.81	88.30	86.24	87.18	84.99	79.99	83.48	83.63	79.47	88.93
1352	71.51	77.52	77.81	83.78	83.53	84.45	88.37	82.18	88.35	81.79	80.19	78.17	78.44	73.73	73.58
1502	74.89	80.29	81.21	83.38	83.59	87.31	86.66	85.37	86.38	83.00	82.73	81.54	81.49	78.01	78.64
1652	74.81	79.59	84.56	83.86	81.85	82.63	83.28	83.99	81.78	88.99	88.65	81.82	78.45	78.18	78.85
1802	75.79	87.17	85.49	80.38	86.84	85.16	85.93	85.77	91.88	88.06	89.33	85.36	84.34	82.88	81.31
1952	72.85	79.49	88.79	81.78	82.35	82.52	81.89	82.16	82.94	81.48	81.69	88.66	78.78	72.91	76.39
2102	73.89	78.42	78.39	77.78	78.43	78.47	85.83	81.88	85.47	79.35	70.31	80.18	75.73	74.10	73.18
2252	69.86	76.91	77.51	78.80	77.77	76.19	79.00	80.81	80.38	80.64	88.58	82.55	75.17	78.78	72.54
2402	80.03	93.16	93.03	90.85	99.48	98.65	95.89	97.97	97.95	96.87	96.64	96.82	95.39	90.93	98.42
2552	86.44	91.74	92.29	90.37	98.83	97.74	98.28	96.43	96.69	98.71	98.18	98.84	94.31	98.47	96.88
2702	59.38	106.7	106.9	112.0	111.3	115.2	118.9	109.4	111.3	109.3	109.7	108.2	109.1	109.5	105.4

DAPH 7 19618

AMBIENT TEMP 63.88
 METEOR TEMP 68.88
 BAR PRESSURE 29.84
 ABS HUMIDITY 12.93

SCALE MODEL ACUSTIC TEST T/D W/28/09 R/D 9/5/09-3

RUN#2 RCO#J SPEED#7667

TESTED CASPL
 CALCULATED CASPL
 RVD

SCALE PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE	30	45	60	75	90	105	120	135	150	165	180	
INLET	ANGLES FROM INLET											
57	-3.38	-4.47	-5.55	-6.11	-5.88	-5.92	-4.77	-4.87	-3.39	-2.51	-1.45	7.279
63	-6.49	-9.42	-9.92	-8.34	-7.72	-6.92	-4.82	-4.61	-4.16	-2.55	-1.67	7.3234
A	-9.42	-8.77	-8.52	-7.41	-6.68	-6.52	-4.92	-3.97	-3.29	-2.18	-1.86	7.9728
129	0	0	0	0	0	0	0	0	0	0	0	0
135	-8	-5.47	-8.68	-9.2	-6.17	-2.86	-1.74	-2.86	-5.92	-7.92	-1.93	8.326
150	-10	-5.64	-7.75	-7.95	-5.44	-4.59	-2.22	-2.89	-3.99	-2.86	-1.83	8.488
180	-6.30	-4.45	-6.44	-5.77	-5.18	-4.29	-2.73	-1.82	-1.23	-1.174	-0.91	8.533
225	-2.76	-3.17	-4.82	-5.79	-5.21	-3.99	-2.17	-1.82	-1.484	-2.92	-0.99	8.619
315	-7.12	-4.19	-1.92	-2.32	-3.54	-4.88	-1.62	-3.03	-1.45	-2.68	-1.19	8.444
429	-7.23	-4.37	-3.41	-2.28	-3.37	-6.32	-1.96	-4.29	-1.84	-2.35	-1.84	8.512
720	-7.38	-4.36	-4.21	-2.14	-3.25	-2.99	-2.82	-2.65	-3.15	-1.93	-1.18	8.733
85	-7.48	-4.39	-4.14	-2.37	-2.84	-2.94	-2.68	-1.83	-3.51	-1.535	-1.149	8.647
92	-7.39	-4.41	-4.39	-3.24	-2.99	-3.19	-1.62	-4.78	-3.62	-2.666	-2.167	8.270
112	-1.95	-3.66	-2.72	-1.88	-2.62	-1.87	-5.99	-0.48	-1.978	-0.85	-1.82	8.924
1257	-1.4	-9.85	-6.48	-0.52	-1.32	-1.84	-3.284	-2.31	-3.82	-3.35	-1.88	8.31
1822	-13.7	-9.27	-8.82	-1.62	-3.79	-2.26	-3.422	-1.884	-3.43	-6.15	-4.46	8.221
2282	-8.32	-6.39	-4.61	-2.28	-4.389	-4.48	-1.894	-1.82	-1.892	-1.38	-0.37	8.208
3152	-12.5	-4.49	-5.82	-1	-4.389	-2.42	-4.345	-1.879	-3.29	-1.225	-0.88	8.518
4182	-8.43	-4.81	-3.88	-1.82	-2.292	-3.22	-2.359	-1.85	-1.871	-1.25	-2.77	8.285
4782	-8.25	-3.27	-1.72	-1.47	-5.151	-2.42	-1.61	-1.26	-1.86	-1.38	-2.28	8.21
5223	-11.7	-3.25	-2.21	-0.96	-4.45	-2.34	-1.38	-1.72	-1.86	-5.14	-2.97	8.21
6324	-8.52	-1.58	-5.85	-4.32	-1.733	-1.18	-1.42	-1.847	-1.589	-1.825	-3.937	8.718
8222	-8.54	-1.61	-3.39	-1.39	-2.1.82	-1.92	-2.393	-1.745	-2.355	-1.284	-1.12	8.889
8232	-11.87	-2.22	-3.82	-3.79	-2.35	-1.959	-1.713	-1.872	-1.247	-1.511	-1.447	8.319

ACIAL TEMP 83.82
 PRESSURE 29.24
 DIRECTIVITY 12.95

SCALE VOL ACUSTIC TEST T/W 8/28/59 R/C 8/5/69-3

SCALE 20dB
 SPEECH 710

RADIAL DISTANCE 25.

STRESS LEVELS DIRECTIVITY INDEX

VALUES FROM 1. MET

PREC	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
50	5.22	4.04	3.47	3.34	3.24	3.17	3.12	3.07	3.03	2.99	2.95	2.92	2.89	2.86	2.83	2.80	2.77	2.74	2.71	2.68	2.65	2.62	2.59	2.56	2.53	2.50	2.47	2.44	2.41	2.38	2.35	2.32	2.29	2.26	2.23	2.20	2.17	2.14	2.11	2.08	2.05	2.02	1.99	1.96	1.93	1.90	1.87	1.84	1.81	1.78	1.75	1.72	1.69	1.66	1.63	1.60	1.57	1.54	1.51	1.48	1.45	1.42	1.39	1.36	1.33	1.30	1.27	1.24	1.21	1.18	1.15	1.12	1.09	1.06	1.03	1.00	0.97	0.94	0.91	0.88	0.85	0.82	0.79	0.76	0.73	0.70	0.67	0.64	0.61	0.58	0.55	0.52	0.49	0.46	0.43	0.40	0.37	0.34	0.31	0.28	0.25	0.22	0.19	0.16	0.13	0.10	0.07	0.04	0.01	-0.02	-0.05	-0.08	-0.11	-0.14	-0.17	-0.20	-0.23	-0.26	-0.29	-0.32	-0.35	-0.38	-0.41	-0.44	-0.47	-0.50	-0.53	-0.56	-0.59	-0.62	-0.65	-0.68	-0.71	-0.74	-0.77	-0.80	-0.83	-0.86	-0.89	-0.92	-0.95	-0.98	-1.01	-1.04	-1.07	-1.10	-1.13	-1.16	-1.19	-1.22	-1.25	-1.28	-1.31	-1.34	-1.37	-1.40	-1.43	-1.46	-1.49	-1.52	-1.55	-1.58	-1.61	-1.64	-1.67	-1.70	-1.73	-1.76	-1.79	-1.82	-1.85	-1.88	-1.91	-1.94	-1.97	-2.00	-2.03	-2.06	-2.09	-2.12	-2.15	-2.18	-2.21	-2.24	-2.27	-2.30	-2.33	-2.36	-2.39	-2.42	-2.45	-2.48	-2.51	-2.54	-2.57	-2.60	-2.63	-2.66	-2.69	-2.72	-2.75	-2.78	-2.81	-2.84	-2.87	-2.90	-2.93	-2.96	-2.99	-3.02	-3.05	-3.08	-3.11	-3.14	-3.17	-3.20	-3.23	-3.26	-3.29	-3.32	-3.35	-3.38	-3.41	-3.44	-3.47	-3.50	-3.53	-3.56	-3.59	-3.62	-3.65	-3.68	-3.71	-3.74	-3.77	-3.80	-3.83	-3.86	-3.89	-3.92	-3.95	-3.98	-4.01	-4.04	-4.07	-4.10	-4.13	-4.16	-4.19	-4.22	-4.25	-4.28	-4.31	-4.34	-4.37	-4.40	-4.43	-4.46	-4.49	-4.52	-4.55	-4.58	-4.61	-4.64	-4.67	-4.70	-4.73	-4.76	-4.79	-4.82	-4.85	-4.88	-4.91	-4.94	-4.97	-5.00	-5.03	-5.06	-5.09	-5.12	-5.15	-5.18	-5.21	-5.24	-5.27	-5.30	-5.33	-5.36	-5.39	-5.42	-5.45	-5.48	-5.51	-5.54	-5.57	-5.60	-5.63	-5.66	-5.69	-5.72	-5.75	-5.78	-5.81	-5.84	-5.87	-5.90	-5.93	-5.96	-5.99	-6.02	-6.05	-6.08	-6.11	-6.14	-6.17	-6.20	-6.23	-6.26	-6.29	-6.32	-6.35	-6.38	-6.41	-6.44	-6.47	-6.50	-6.53	-6.56	-6.59	-6.62	-6.65	-6.68	-6.71	-6.74	-6.77	-6.80	-6.83	-6.86	-6.89	-6.92	-6.95	-6.98	-7.01	-7.04	-7.07	-7.10	-7.13	-7.16	-7.19	-7.22	-7.25	-7.28	-7.31	-7.34	-7.37	-7.40	-7.43	-7.46	-7.49	-7.52	-7.55	-7.58	-7.61	-7.64	-7.67	-7.70	-7.73	-7.76	-7.79	-7.82	-7.85	-7.88	-7.91	-7.94	-7.97	-8.00	-8.03	-8.06	-8.09	-8.12	-8.15	-8.18	-8.21	-8.24	-8.27	-8.30	-8.33	-8.36	-8.39	-8.42	-8.45	-8.48	-8.51	-8.54	-8.57	-8.60	-8.63	-8.66	-8.69	-8.72	-8.75	-8.78	-8.81	-8.84	-8.87	-8.90	-8.93	-8.96	-8.99	-9.02	-9.05	-9.08	-9.11	-9.14	-9.17	-9.20	-9.23	-9.26	-9.29	-9.32	-9.35	-9.38	-9.41	-9.44	-9.47	-9.50	-9.53	-9.56	-9.59	-9.62	-9.65	-9.68	-9.71	-9.74	-9.77	-9.80	-9.83	-9.86	-9.89	-9.92	-9.95	-9.98	-10.01	-10.04	-10.07	-10.10	-10.13	-10.16	-10.19	-10.22	-10.25	-10.28	-10.31	-10.34	-10.37	-10.40	-10.43	-10.46	-10.49	-10.52	-10.55	-10.58	-10.61	-10.64	-10.67	-10.70	-10.73	-10.76	-10.79	-10.82	-10.85	-10.88	-10.91	-10.94	-10.97	-11.00	-11.03	-11.06	-11.09	-11.12	-11.15	-11.18	-11.21	-11.24	-11.27	-11.30	-11.33	-11.36	-11.39	-11.42	-11.45	-11.48	-11.51	-11.54	-11.57	-11.60	-11.63	-11.66	-11.69	-11.72	-11.75	-11.78	-11.81	-11.84	-11.87	-11.90	-11.93	-11.96	-11.99	-12.02	-12.05	-12.08	-12.11	-12.14	-12.17	-12.20	-12.23	-12.26	-12.29	-12.32	-12.35	-12.38	-12.41	-12.44	-12.47	-12.50	-12.53	-12.56	-12.59	-12.62	-12.65	-12.68	-12.71	-12.74	-12.77	-12.80	-12.83	-12.86	-12.89	-12.92	-12.95	-12.98	-13.01	-13.04	-13.07	-13.10	-13.13	-13.16	-13.19	-13.22	-13.25	-13.28	-13.31	-13.34	-13.37	-13.40	-13.43	-13.46	-13.49	-13.52	-13.55	-13.58	-13.61	-13.64	-13.67	-13.70	-13.73	-13.76	-13.79	-13.82	-13.85	-13.88	-13.91	-13.94	-13.97	-14.00	-14.03	-14.06	-14.09	-14.12	-14.15	-14.18	-14.21	-14.24	-14.27	-14.30	-14.33	-14.36	-14.39	-14.42	-14.45	-14.48	-14.51	-14.54	-14.57	-14.60	-14.63	-14.66	-14.69	-14.72	-14.75	-14.78	-14.81	-14.84	-14.87	-14.90	-14.93	-14.96	-14.99	-15.02	-15.05	-15.08	-15.11	-15.14	-15.17	-15.20	-15.23	-15.26	-15.29	-15.32	-15.35	-15.38	-15.41	-15.44	-15.47	-15.50	-15.53	-15.56	-15.59	-15.62	-15.65	-15.68	-15.71	-15.74	-15.77	-15.80	-15.83	-15.86	-15.89	-15.92	-15.95	-15.98	-16.01	-16.04	-16.07	-16.10	-16.13	-16.16	-16.19	-16.22	-16.25	-16.28	-16.31	-16.34	-16.37	-16.40	-16.43	-16.46	-16.49	-16.52	-16.55	-16.58	-16.61	-16.64	-16.67	-16.70	-16.73	-16.76	-16.79	-16.82	-16.85	-16.88	-16.91	-16.94	-16.97	-17.00	-17.03	-17.06	-17.09	-17.12	-17.15	-17.18	-17.21	-17.24	-17.27	-17.30	-17.33	-17.36	-17.39	-17.42	-17.45	-17.48	-17.51	-17.54	-17.57	-17.60	-17.63	-17.66	-17.69	-17.72	-17.75	-17.78	-17.81	-17.84	-17.87	-17.90	-17.93	-17.96	-17.99	-18.02	-18.05	-18.08	-18.11	-18.14	-18.17	-18.20	-18.23	-18.26	-18.29	-18.32	-18.35	-18.38	-18.41	-18.44	-18.47	-18.50	-18.53	-18.56	-18.59	-18.62	-18.65	-18.68	-18.71	-18.74	-18.77	-18.80	-18.83	-18.86	-18.89	-18.92	-18.95	-18.98	-19.01	-19.04	-19.07	-19.10	-19.13	-19.16	-19.19	-19.22	-19.25	-19.28	-19.31	-19.34	-19.37	-19.40	-19.43	-19.46	-19.49	-19.52	-19.55	-19.58	-19.61	-19.64	-19.67	-19.70	-19.73	-19.76	-19.79	-19.82	-19.85	-19.88	-19.91	-19.94	-19.97	-20.00

APPLY TEMP: 23.00
 REFL TEMP: 20.00
 H2O PRESS: 27.24
 ABS. HUMIDITY: 12.95

SCALE MODEL ACOUSTIC TEST T/L 6/28/69 R/D 9/5/69-3

PLAC NO: 80832 SPEUR: 8114

RACIAL DISTANCE 222

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	2.0	1.6	1.25	1.0	.75	.5	.315	.25	.2	160.0	125.0	100.0	75.0	50.0	37.5	25.0	18.8	14.1	10.8	(PHL)
57	72.41	75.58	74.43	73.35	74.22	74.42	74.25	75.51	74.57	77.02	78.74	80.90	76.34	80.27	81.15	81.15	81.15	81.15	81.15	138.4
63	72.29	72.62	71.36	73.25	72.94	73.62	74.33	76.37	76.49	76.42	79.58	81.09	78.98	89.87	92.41	92.41	92.41	92.41	92.41	139.2
81	74.22	70.59	71.82	72.89	73.69	74.09	75.05	76.97	76.79	78.18	79.98	82.04	82.22	87.06	91.58	91.58	91.58	91.58	91.58	138.0
102	74.45	71.68	71.82	73.10	74.22	75.23	76.45	77.23	78.15	79.35	80.68	83.85	83.81	87.48	89.76	89.76	89.76	89.76	89.76	138.9
125	72.50	74.15	74.22	72.90	75.92	77.64	77.65	78.90	81.53	81.18	81.70	83.10	81.30	88.30	86.67	86.67	86.67	86.67	86.67	137.0
160	71.25	73.14	72.89	71.38	74.06	75.75	76.53	77.62	78.38	80.21	82.37	83.29	82.38	85.79	81.83	81.83	81.83	81.83	81.83	137.6
200	59.01	71.33	69.37	69.49	72.71	71.37	73.31	74.77	76.85	77.37	78.62	79.14	79.62	80.00	76.79	76.79	76.79	76.79	76.79	134.4
250	59.53	67.29	66.37	65.75	68.74	67.73	70.38	71.87	73.37	74.32	75.69	73.53	71.20	72.39	74.87	74.87	74.87	74.87	74.87	138.8
315	60.25	66.71	69.54	69.14	68.80	66.58	68.79	68.21	69.29	70.19	70.12	73.54	74.15	74.42	71.78	71.78	71.78	71.78	71.78	129.3
400	71.08	75.42	72.72	74.22	73.73	73.11	74.80	74.24	74.97	73.48	72.48	82.18	81.89	81.49	74.50	74.50	74.50	74.50	74.50	133.7
500	72.75	74.85	73.26	76.13	76.17	76.14	76.84	75.96	77.66	77.29	80.48	83.05	83.54	81.74	77.62	77.62	77.62	77.62	77.62	137.8
630	74.57	76.35	76.11	75.16	83.65	82.00	84.43	83.49	83.17	82.36	83.58	84.40	84.24	81.24	82.36	82.36	82.36	82.36	82.36	141.0
800	72.44	76.04	79.52	83.39	83.48	87.32	89.93	87.65	84.92	84.97	83.39	84.00	84.00	79.01	82.38	82.38	82.38	82.38	82.38	144.5
1000	72.74	75.38	77.31	82.60	85.95	82.62	83.11	86.32	88.15	89.99	88.94	79.35	80.74	77.72	80.35	80.35	80.35	80.35	80.35	148.0
1250	70.95	82.48	80.27	93.15	93.45	93.62	93.20	86.82	89.97	87.98	81.97	87.00	85.72	82.18	83.66	83.66	83.66	83.66	83.66	149.3
1600	73.82	83.37	87.89	94.19	93.83	94.51	94.23	91.82	88.66	87.82	81.97	88.90	82.27	83.22	82.53	82.53	82.53	82.53	82.53	149.9
2000	76.36	82.19	82.27	88.54	91.39	89.69	87.69	84.83	85.78	82.36	83.36	81.27	82.39	81.28	78.63	78.63	78.63	78.63	78.63	146.1
2500	73.37	79.52	78.99	83.67	85.82	84.49	87.81	83.17	82.46	83.40	81.99	79.52	78.64	74.74	75.33	75.33	75.33	75.33	75.33	143.3
3150	77.38	82.63	84.52	85.93	89.74	88.72	86.35	82.47	85.44	85.19	84.00	82.00	82.51	76.72	80.50	80.50	80.50	80.50	80.50	147.2
4000	75.77	83.66	85.57	84.14	86.73	85.23	83.11	85.32	83.87	82.11	82.00	81.07	78.83	79.14	79.14	79.14	79.14	79.14	79.14	148.7
5000	78.15	86.93	85.28	87.23	87.57	86.36	82.48	87.74	88.84	83.06	84.10	86.41	81.35	83.22	81.95	81.95	81.95	81.95	81.95	150.8
6300	75.07	81.75	81.25	84.41	84.69	83.34	86.52	84.27	82.98	85.41	84.85	82.85	80.32	75.35	78.37	78.37	78.37	78.37	78.37	147.9
8000	72.59	79.59	82.29	79.37	82.84	79.64	83.76	82.14	82.80	82.03	80.23	77.72	75.32	76.35	75.35	75.35	75.35	75.35	75.35	144.9
10000	71.22	77.13	77.24	77.45	79.39	79.48	81.49	82.28	81.23	82.10	83.17	81.23	76.17	71.16	72.71	72.71	72.71	72.71	72.71	140.5

MEASURED CASSEL 63.80
 CALCULATED CASSEL 68.00
 RATED FREQUENCY 29.94
 ISO 10000
 SCALE MODEL ACOUSTIC TEST T/O 6/25/59 R/C 9/5/59-3
 SPEAKER 32
 SPEAKER 32

158.3

SOIL PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
51	-2.19	-5.13	-8.18	-7.05	-6.39	-6.18	-5.39	-5.69	-4.94	-4.24	-3.81	-3.67	-3.00	-2.59	-2.18	-1.97	-1.78	-1.59	-1.40	-1.21	-1.02	-0.83	-0.64	-0.45	-0.26	-0.07	0.12	0.31	0.50	0.69	0.88	1.07	1.26	1.45	1.64	1.83	2.02	2.21	2.40	2.59	2.78	2.97	3.16	3.35	3.54	3.73	3.92	4.11	4.30	4.49	4.68	4.87	5.06	5.25	5.44	5.63	5.82	6.01	6.20	6.39	6.58	6.77	6.96	7.15	7.34	7.53	7.72	7.91	8.10	8.29	8.48	8.67	8.86	9.05	9.24	9.43	9.62	9.81	10.00	10.19	10.38	10.57	10.76	10.95	11.14	11.33	11.52	11.71	11.90	12.09	12.28	12.47	12.66	12.85	13.04	13.23	13.42	13.61	13.80	13.99	14.18	14.37	14.56	14.75	14.94	15.13	15.32	15.51	15.70	15.89	16.08	16.27	16.46	16.65	16.84	17.03	17.22	17.41	17.60	17.79	17.98	18.17	18.36	18.55	18.74	18.93	19.12	19.31	19.50	19.69	19.88	20.07	20.26	20.45	20.64	20.83	21.02	21.21	21.40	21.59	21.78	21.97	22.16	22.35	22.54	22.73	22.92	23.11	23.30	23.49	23.68	23.87	24.06	24.25	24.44	24.63	24.82	25.01	25.20	25.39	25.58	25.77	25.96	26.15	26.34	26.53	26.72	26.91	27.10	27.29	27.48	27.67	27.86	28.05	28.24	28.43	28.62	28.81	29.00	29.19	29.38	29.57	29.76	29.95	30.14	30.33	30.52	30.71	30.90	31.09	31.28	31.47	31.66	31.85	32.04	32.23	32.42	32.61	32.80	32.99	33.18	33.37	33.56	33.75	33.94	34.13	34.32	34.51	34.70	34.89	35.08	35.27	35.46	35.65	35.84	36.03	36.22	36.41	36.60	36.79	36.98	37.17	37.36	37.55	37.74	37.93	38.12	38.31	38.50	38.69	38.88	39.07	39.26	39.45	39.64	39.83	40.02	40.21	40.40	40.59	40.78	40.97	41.16	41.35	41.54	41.73	41.92	42.11	42.30	42.49	42.68	42.87	43.06	43.25	43.44	43.63	43.82	44.01	44.20	44.39	44.58	44.77	44.96	45.15	45.34	45.53	45.72	45.91	46.10	46.29	46.48	46.67	46.86	47.05	47.24	47.43	47.62	47.81	48.00	48.19	48.38	48.57	48.76	48.95	49.14	49.33	49.52	49.71	49.90	50.09	50.28	50.47	50.66	50.85	51.04	51.23	51.42	51.61	51.80	51.99	52.18	52.37	52.56	52.75	52.94	53.13	53.32	53.51	53.70	53.89	54.08	54.27	54.46	54.65	54.84	55.03	55.22	55.41	55.60	55.79	55.98	56.17	56.36	56.55	56.74	56.93	57.12	57.31	57.50	57.69	57.88	58.07	58.26	58.45	58.64	58.83	59.02	59.21	59.40	59.59	59.78	59.97	60.16	60.35	60.54	60.73	60.92	61.11	61.30	61.49	61.68	61.87	62.06	62.25	62.44	62.63	62.82	63.01	63.20	63.39	63.58	63.77	63.96	64.15	64.34	64.53	64.72	64.91	65.10	65.29	65.48	65.67	65.86	66.05	66.24	66.43	66.62	66.81	67.00	67.19	67.38	67.57	67.76	67.95	68.14	68.33	68.52	68.71	68.90	69.09	69.28	69.47	69.66	69.85	70.04	70.23	70.42	70.61	70.80	70.99	71.18	71.37	71.56	71.75	71.94	72.13	72.32	72.51	72.70	72.89	73.08	73.27	73.46	73.65	73.84	74.03	74.22	74.41	74.60	74.79	74.98	75.17	75.36	75.55	75.74	75.93	76.12	76.31	76.50	76.69	76.88	77.07	77.26	77.45	77.64	77.83	78.02	78.21	78.40	78.59	78.78	78.97	79.16	79.35	79.54	79.73	79.92	80.11	80.30	80.49	80.68	80.87	81.06	81.25	81.44	81.63	81.82	82.01	82.20	82.39	82.58	82.77	82.96	83.15	83.34	83.53	83.72	83.91	84.10	84.29	84.48	84.67	84.86	85.05	85.24	85.43	85.62	85.81	86.00	86.19	86.38	86.57	86.76	86.95	87.14	87.33	87.52	87.71	87.90	88.09	88.28	88.47	88.66	88.85	89.04	89.23	89.42	89.61	89.80	90.00

TEMP 14.00
 PRESSURE 50.24
 HUMIDITY 29.24
 AMPLITUDE 52.95

SCALE MODEL ACCUSTIC TEST T/D 8/28/49 R/D 9/9/59
 ROOM#32 SPEED#343

SOUL PRESSURE LEVELS REDUCED AT STALLARD DAY

FREQ	14.0	24.0	34.0	44.0	54.0	64.0	74.0	84.0	94.0	104.0	114.0	124.0	134.0	144.0	154.0	164.0	174.0	184.0	194.0	204.0
5	75.28	75.58	74.35	73.51	74.39	75.07	75.33	76.06	76.87	78.93	79.63	81.58	82.16	89.03	92.71	101.5	108.2	109.0	170.0	170.0
6	72.83	72.99	71.82	73.51	73.69	74.59	74.68	76.79	77.28	79.17	80.40	82.4	82.85	98.1	93.56	101.5	108.2	109.0	170.0	170.0
7	74.92	75.72	72.98	73.51	74.79	74.92	76.49	77.28	76.28	79.17	80.40	82.4	82.85	98.1	93.56	101.5	108.2	109.0	170.0	170.0
8	78.79	72.30	72.78	73.91	74.88	75.86	77.12	78.51	79.24	81.7	83.54	85.4	86.2	98.1	93.56	101.5	108.2	109.0	170.0	170.0
9	73.22	74.38	74.29	73.48	75.56	77.61	78.21	79.13	80.77	81.72	83.23	85.4	86.2	98.1	93.56	101.5	108.2	109.0	170.0	170.0
10	73.27	75.43	74.36	72.81	75.27	76.77	78.09	81.21	81.95	82.91	86.8	88.01	87.26	83.03	101.5	108.2	109.0	170.0	170.0	170.0
11	72.5	72.67	69.81	72.25	71.56	72.59	74.17	75.29	76.96	78.25	79.06	88.74	81.26	81.07	70.21	101.5	108.2	109.0	170.0	170.0
12	72.65	69.52	66.27	65.97	67.49	68.25	70.92	71.21	73.89	74.78	75.43	75.9	72.81	73.49	70.92	101.5	108.2	109.0	170.0	170.0
13	67.62	65.84	68.24	66.80	69.19	68.98	65.52	68.21	68.63	71.88	71.69	73.4	70.99	70.39	70.19	101.5	108.2	109.0	170.0	170.0
14	67.84	72.84	72.19	70.9	73.99	73.66	74.61	72.52	73.59	74.79	77.67	82.4	82.85	98.1	93.56	101.5	108.2	109.0	170.0	170.0
15	72.25	73.15	75.58	76.59	76.69	77.26	77.12	77.52	79.26	78.73	81.26	84.8	84.56	83.34	79.59	101.5	108.2	109.0	170.0	170.0
16	76.77	77.41	64.43	62.37	61.70	64.93	63.52	62.46	62.19	64.99	65.17	66.44	64.93	63.34	68.98	101.5	108.2	109.0	170.0	170.0
17	79.25	82.41	83.21	85.21	89.29	86.62	83.34	89.38	87.79	87.75	87.77	87.9	84.22	84.27	82.31	101.5	108.2	109.0	170.0	170.0
18	74.16	75.91	76.81	81.47	81.54	82.42	82.71	81.99	89.97	89.1	83.39	88.2	89.46	79.91	79.83	101.5	108.2	109.0	170.0	170.0
19	76.73	62.11	65.75	63.99	65.37	61.62	64.65	61.13	65.54	65.46	65.62	64.46	64.54	66.34	81.61	101.5	108.2	109.0	170.0	170.0
20	79.34	82.32	86.11	87.58	92.39	91.62	89.68	84.69	84.28	83.76	83.66	87.93	82.78	88.12	101.5	108.2	109.0	170.0	170.0	170.0
21	76.48	72.32	84.47	87.48	89.84	88.63	88.68	84.69	84.28	83.76	83.66	87.93	82.78	88.12	101.5	108.2	109.0	170.0	170.0	170.0
22	74.48	79.17	70.29	84.71	86.43	85.38	81.98	82.59	86.66	89.88	88.17	89.7	86.38	76.21	77.39	101.5	108.2	109.0	170.0	170.0
23	76.94	82.62	84.14	86.22	86.58	87.39	86.18	85.44	85.27	84.48	86.86	82.77	85.82	77.35	88.12	101.5	108.2	109.0	170.0	170.0
24	76.25	78.96	84.71	83.37	80.12	85.25	82.32	84.43	85.99	82.14	84.49	82.25	79.62	79.82	78.79	101.5	108.2	109.0	170.0	170.0
25	77.49	84.65	84.86	86.25	86.69	82.76	86.13	81.78	86.99	86.79	84.78	84.7	84.85	82.55	81.82	101.5	108.2	109.0	170.0	170.0
26	75.18	82.53	82.58	83.67	84.67	84.53	86.37	84.69	86.99	85.84	85.55	84.7	82.23	77.17	78.77	101.5	108.2	109.0	170.0	170.0
27	72.83	77.83	79.11	78.72	88.82	81.52	84.22	82.61	86.28	82.76	86.83	78.79	76.56	75.95	73.28	101.5	108.2	109.0	170.0	170.0
28	69.93	74.58	75.53	76.17	76.21	79.12	79.89	81.99	83.53	81.92	81.91	89.26	73.96	72.93	71.64	101.5	108.2	109.0	170.0	170.0
29	69.59	92.44	95.02	95.09	102.9	108.5	122.2	98.99	99.69	98.43	98.21	98.29	97.41	99.84	131.1	101.5	108.2	109.0	170.0	170.0
30	58.53	91.78	94.72	97.57	107.1	109.71	109.29	106.16	98.75	97.36	97.89	97.4	96.36	98.88	99.91	101.5	108.2	109.0	170.0	170.0
31	57.1	100.16	103.6	109.2	114.7	111.8	111.2	111.1	118.7	112.6	111.6	119.3	109.3	107.15	109.6	101.5	108.2	109.0	170.0	170.0

VECTORS: JASB
 CAL: JASB
 O: 128

ALERT TEND 8512
 EMBURE EMB 8612
 TEND 2514
 EMBURE 2613

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 SUBSET: 11303

0APHLI
 138.4

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE FROM 12 O'CL	0	15	30	45	60	75	90	105	120	135	150	165	180
180	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
175	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
170	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
165	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
160	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
155	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
150	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
145	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
140	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
135	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
130	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
125	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
120	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
115	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
110	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
105	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
100	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
95	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
90	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
85	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
80	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
75	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
70	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
65	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
60	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
55	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
50	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
45	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
40	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
35	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
30	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
25	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
20	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
15	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
10	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
0	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5

180 50.46
 175 50.46
 170 50.46
 165 50.46
 160 50.46
 155 50.46
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 80 50.46
 75 50.46
 70 50.46
 65 50.46
 60 50.46
 55 50.46
 50 50.46
 45 50.46
 40 50.46
 35 50.46
 30 50.46
 25 50.46
 20 50.46
 15 50.46
 10 50.46
 5 50.46
 0 50.46

DATE VALUE ACUSTIC TEST R/D 9/5/69-3

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

DATE: 9/02/69

RADIAL DISTANCE 156

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDAR DAY

FREQ	14.2	24.2	36.8	42.0	50.7	62.2	70.2	82.2	90.0	100.0	110.0	122.0	132.0	150.0	170.0 (PHL)
50	65.08	67.89	68.74	68.74	70.78	69.99	69.99	74.07	73.85						122.1
63	64.32	66.11	66.52	66.43	73.22	66.07	67.02	70.79	70.79						125.0
82	67.56	67.12	67.68	67.37	68.55	69.11	71.03	70.67	70.67						128.7
102	66.10	66.57	69.49	66.09	69.77	70.42	71.84	71.08	71.08						131.0
122	67.88	64.28	64.14	66.82	67.58	68.38	70.24	70.39	70.39						133.7
160	62.17	62.94	64.85	66.29	67.39	67.77	70.09	70.67	70.67						137.0
200	67.15	67.75	67.81	68.17	67.99	67.71	71.24	70.74	70.74						141.0
250	61.40	61.51	61.85	62.84	62.56	63.73	64.76	64.50	64.50						146.4
315	64.58	67.58	67.19	62.33	63.57	64.78	65.82	66.31	66.31						150.2
400	64.08	68.08	67.15	67.02	68.22	68.57	70.25	70.25	70.25						152.8
500	67.08	67.44	70.82	70.34	69.23	70.74	70.33	70.57	70.57						155.3
632	69.56	67.44	69.22	69.12	69.41	70.72	70.00	70.86	70.86						158.2
800	70.84	69.22	67.66	67.84	67.55	68.29	69.27	70.19	70.19						161.4
1000	72.15	73.86	72.85	73.49	72.68	73.54	74.68	75.33	75.33						164.2
1250	72.15	77.57	73.88	72.74	72.56	72.82	73.78	74.98	74.98						167.5
1600	70.44	76.88	73.73	74.42	75.23	75.13	75.89	76.80	76.80						170.2
2000	72.64	75.79	74.33	73.15	74.26	74.61	76.07	76.80	76.80						172.9
2500	77.17	77.15	73.57	75.64	76.33	77.61	78.48	79.48	79.48						175.7
3150	81.15	80.20	87.72	87.78	89.82	90.08	91.08	92.55	92.55						178.4
4000	84.14	88.42	83.34	83.19	84.09	85.82	84.44	86.98	86.98						181.2
5000	78.12	78.96	78.38	77.47	78.81	79.81	83.08	83.89	83.89						184.0
6300	83.42	84.73	81.88	82.78	82.33	85.85	83.09	85.93	85.93						186.3
8000	81.10	82.17	77.98	78.93	79.23	82.15	82.23	82.74	82.74						189.7
10000	88.13	81.88	77.75	78.55	79.37	80.39	81.11	81.67	81.67						192.6

MEASURED CASPL
CALCULATED CASPL
P/NB

Ambient Temp 78.08
Wet-Bulb Temp 66.82
Bar. Pressure 29.87
Abs. Humidity 12.69

SCALE NO. EL ACOUSTIC TEST T/D 8/28/69 R/D 9/2/69-3

RUN#2 RDS# 5 SPEED#5447

CAPHL: 146.7

DATE: 9/22/69

RADI., DISTANCE 150

PAGE: 2

SCALE PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
52	21.27	1.048	1.012	1.011	1.950	1.230	1.323	2.907											
53	21.35	1.144	1.241	1.550	1.550	1.550	1.552	2.129											
54	21.43	1.159	1.484	1.862	1.273	1.032	1.307	3.386											
55	21.51	1.2461	1.167	1.667	1.445	2.009	3.541	3.386											
56	21.59	1.187	1.826	1.838	1.446	2.246	4.221	4.133											
57	21.67	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
58	21.75	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
59	21.83	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
60	21.91	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
61	21.99	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
62	22.07	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
63	22.15	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
64	22.23	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
65	22.31	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
66	22.39	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
67	22.47	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
68	22.55	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
69	22.63	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
70	22.71	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
71	22.79	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
72	22.87	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
73	22.95	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
74	23.03	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
75	23.11	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
76	23.19	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
77	23.27	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
78	23.35	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
79	23.43	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
80	23.51	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
81	23.59	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
82	23.67	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
83	23.75	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
84	23.83	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
85	23.91	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
86	23.99	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
87	24.07	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
88	24.15	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
89	24.23	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
90	24.31	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
91	24.39	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
92	24.47	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
93	24.55	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
94	24.63	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
95	24.71	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
96	24.79	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
97	24.87	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
98	24.95	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
99	25.03	1.187	1.833	1.385	1.385	1.737	5.870	4.133											
100	25.11	1.187	1.833	1.385	1.385	1.737	5.870	4.133											

AMBIENT TEMP. 78.00
 MET-BULB TEMP. 66.00
 BAR. PRESSURE 29.87
 ABS. HUMIDITY 32.09

SCALE MODEL ACOUSTIC TEST T/D 3/20/69 R/D 9/2/69-3
 RUN#2 R00# 6 SPEED#5437

DATE: 9/22/69

RADIAL DISTANCE 150

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET										
	2.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0
50	83.2	81.2	79.2	77.2	75.2	73.2	71.2	69.2	67.2	65.2	63.2
63	82.5	80.5	78.5	76.5	74.5	72.5	70.5	68.5	66.5	64.5	62.5
80	81.8	79.8	77.8	75.8	73.8	71.8	69.8	67.8	65.8	63.8	61.8
100	81.1	79.1	77.1	75.1	73.1	71.1	69.1	67.1	65.1	63.1	61.1
125	80.4	78.4	76.4	74.4	72.4	70.4	68.4	66.4	64.4	62.4	60.4
160	79.7	77.7	75.7	73.7	71.7	69.7	67.7	65.7	63.7	61.7	59.7
200	79.0	77.0	75.0	73.0	71.0	69.0	67.0	65.0	63.0	61.0	59.0
250	78.3	76.3	74.3	72.3	70.3	68.3	66.3	64.3	62.3	60.3	58.3
315	77.6	75.6	73.6	71.6	69.6	67.6	65.6	63.6	61.6	59.6	57.6
400	76.9	74.9	72.9	70.9	68.9	66.9	64.9	62.9	60.9	58.9	56.9
500	76.2	74.2	72.2	70.2	68.2	66.2	64.2	62.2	60.2	58.2	56.2
632	75.5	73.5	71.5	69.5	67.5	65.5	63.5	61.5	59.5	57.5	55.5
800	74.8	72.8	70.8	68.8	66.8	64.8	62.8	60.8	58.8	56.8	54.8
1000	74.1	72.1	70.1	68.1	66.1	64.1	62.1	60.1	58.1	56.1	54.1
1250	73.4	71.4	69.4	67.4	65.4	63.4	61.4	59.4	57.4	55.4	53.4
1600	72.7	70.7	68.7	66.7	64.7	62.7	60.7	58.7	56.7	54.7	52.7
2000	72.0	70.0	68.0	66.0	64.0	62.0	60.0	58.0	56.0	54.0	52.0
2500	71.3	69.3	67.3	65.3	63.3	61.3	59.3	57.3	55.3	53.3	51.3
3150	70.6	68.6	66.6	64.6	62.6	60.6	58.6	56.6	54.6	52.6	50.6
4000	69.9	67.9	65.9	63.9	61.9	59.9	57.9	55.9	53.9	51.9	49.9
5000	69.2	67.2	65.2	63.2	61.2	59.2	57.2	55.2	53.2	51.2	49.2
6300	68.5	66.5	64.5	62.5	60.5	58.5	56.5	54.5	52.5	50.5	48.5
8000	67.8	65.8	63.8	61.8	59.8	57.8	55.8	53.8	51.8	49.8	47.8
10000	67.1	65.1	63.1	61.1	59.1	57.1	55.1	53.1	51.1	49.1	47.1

MEASURED DASPL. CALCULATED DASPL. PNDB

AMBIENT TEMP, 70.00 RET-0000 TEMP, 66.00 BAR, PRESSURE 29.07 ABS, HUMIDITY 12.00

SCALE MODEL ACOUSTIC TEST T/D 0/28/69 R/D 9/2/69-3

RUN#2 RDQ# 7 SPEED#5734

OAPML: 547.6

DATE: 9/22/69

RACIAL DISTANCE 158

PAGE 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ:	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	
ANGLE FROM INLET	0.0	10.0	22.5	30.0	42.0	54.2	62.2	70.2	81.2	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0
1002	1700	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580	570	560	550	540	530	520	510	500
1200	1050	950	850	780	720	680	650	630	620	610	600	590	580	570	560	550	540	530	520	510	500	490	480	470
1400	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580	570	560	550	540	530	520	510	500	490	480
1600	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580	570	560	550	540	530	520	510	500	490
1800	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580	570	560	550	540	530	520	510	500
2000	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580	570	560	550	540	530	520	510
2200	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580	570	560	550	540	530	520
2400	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580	570	560	550	540	530
2600	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580	570	560	550	540
2800	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580	570	560	550
3000	2850	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580	570	560
3200	3050	2850	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580	570
3400	3250	3050	2850	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590	580
3600	3450	3250	3050	2850	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610	600	590
3800	3650	3450	3250	3050	2850	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610	600
4000	3850	3650	3450	3250	3050	2850	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620	610
4200	4050	3850	3650	3450	3250	3050	2850	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630	620
4400	4250	4050	3850	3650	3450	3250	3050	2850	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650	630
4600	4450	4250	4050	3850	3650	3450	3250	3050	2850	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680	650
4800	4650	4450	4250	4050	3850	3650	3450	3250	3050	2850	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720	680
5000	4850	4650	4450	4250	4050	3850	3650	3450	3250	3050	2850	2650	2450	2250	2050	1850	1650	1450	1250	1100	950	850	780	720

AMBIENT TEMP 78.00
 WET-BULB TEMP 69.00
 BAR. PRESSURE 29.87
 ABS. HUMIDITY 12.60

SCALE MODEL, ACOUSTIC TEST T/D 8/28/69 R/D 9/2/69-3

RUN#2 R06 7 822005734

DATE: 9/22/69

RADIAL DISTANCE: 128

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	0.0	16.0	25.0	38.0	49.0	26.2	67.0	79.0	89.0	99.0	109.0	125.0	136.0	150.0	168.0	178.0	(dBL)
							ANGLE FROM INLET										
50	68.98	69.09	69.44	69.79	70.95	73.96	71.97	72.22									122.2
63	68.54	69.11	69.75	71.39	72.81	74.51	72.87										122.2
80	68.39	69.09	69.82	71.54	73.29	75.18	73.29										121.3
100	68.22	69.08	70.01	72.08	74.08	76.08	74.48										120.5
125	68.14	69.09	70.26	72.54	74.94	77.34	75.34										121.0
160	68.04	69.28	70.82	73.82	76.74	79.54	77.54										120.4
200	68.00	69.59	72.06	75.26	78.74	82.54	80.54										120.0
250	68.00	69.73	72.43	76.03	79.95	84.00	82.00										120.4
315	68.00	69.64	72.81	76.59	80.15	84.48	82.48										120.0
400	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
500	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
630	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
800	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
1000	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
1250	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
1600	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
2000	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
2500	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
3150	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
4000	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
5000	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
6300	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
8000	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0
10000	68.00	69.57	73.20	77.14	81.44	86.00	84.00										120.0

MEASURED CASPL
CALCULATED CASPL
PNC1

149.2

GAPML

AMBIENT TEMP: 61.00
WET-BULB TEMP: 67.00
BAR. PRESSURE: 29.87
ABS. HUMIDITY: 12.66

SCALE MODEL ACOUSTIC TEST T/D 6/28/69 R/D 9/2/69-3

RUN#2 ROOM 6 SP800-6823

DATE: 9/22/69

RADIAL DISTANCE 15M

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET												
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0
50	103.7	107.1	103.4	103.2	103.9	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0
63	103.5	103.1	102.7	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9	102.9
80	103.1	103.0	102.6	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7
100	102.9	102.8	102.4	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5
125	102.7	102.6	102.2	102.3	102.3	102.3	102.3	102.3	102.3	102.3	102.3	102.3	102.3
150	102.5	102.4	102.0	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1
200	102.1	102.0	101.6	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7
250	101.8	101.7	101.3	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4
315	101.5	101.4	101.0	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
400	101.2	101.1	100.7	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8
500	100.9	100.8	100.4	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
630	100.6	100.5	100.1	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2
800	100.3	100.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1000	100.0	99.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1250	99.7	99.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1500	99.4	99.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2000	99.1	99.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2500	98.8	98.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
3150	98.5	98.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
4000	98.2	98.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
5000	97.9	97.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
6300	97.6	97.5	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
8000	97.3	97.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
10000	97.0	96.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6

AMBIENT TEMP. 64.00
 WET-BULB TEMP. 67.00
 BAR. PRESSURE 29.87
 ABS. HUMIDITY 12.00

SCALE MODEL ACOUSTIC TEST T/O 0/20/69 R/D 9/2/69-3

RUN#2 R00 0 - SPEED#0021

DATE: 9/2/69

RADIAL DISTANCE 150

PAGE: 3

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
50	70.71	71.90	73.57	75.27	76.82	78.25	79.51	80.62	81.59	82.43	83.14	83.74	84.24	84.64	84.94	85.14	85.24	85.34	85.44	85.54
60	67.47	69.00	70.36	71.67	72.82	73.82	74.67	75.36	75.91	76.36	76.71	76.96	77.11	77.16	77.21	77.26	77.31	77.36	77.41	77.46
80	61.72	63.28	64.47	65.34	66.04	66.59	67.04	67.44	67.74	67.94	68.04	68.14	68.19	68.24	68.29	68.34	68.39	68.44	68.49	68.54
100	57.84	59.08	60.08	60.88	61.53	62.03	62.43	62.73	62.93	63.03	63.13	63.18	63.23	63.28	63.33	63.38	63.43	63.48	63.53	63.58
120	54.82	55.78	56.53	57.13	57.53	57.83	58.03	58.13	58.18	58.23	58.28	58.33	58.38	58.43	58.48	58.53	58.58	58.63	58.68	58.73
140	52.45	53.14	53.64	54.04	54.34	54.54	54.64	54.69	54.74	54.79	54.84	54.89	54.94	54.99	55.04	55.09	55.14	55.19	55.24	55.29
160	50.25	50.78	51.18	51.48	51.68	51.78	51.83	51.88	51.93	51.98	52.03	52.08	52.13	52.18	52.23	52.28	52.33	52.38	52.43	52.48
180	48.14	48.48	48.78	49.03	49.23	49.33	49.38	49.43	49.48	49.53	49.58	49.63	49.68	49.73	49.78	49.83	49.88	49.93	49.98	50.03
200	46.17	46.37	46.53	46.68	46.78	46.83	46.88	46.93	46.98	47.03	47.08	47.13	47.18	47.23	47.28	47.33	47.38	47.43	47.48	47.53
250	42.29	42.49	42.64	42.74	42.79	42.84	42.89	42.94	42.99	43.04	43.09	43.14	43.19	43.24	43.29	43.34	43.39	43.44	43.49	43.54
300	39.38	39.48	39.53	39.58	39.63	39.68	39.73	39.78	39.83	39.88	39.93	39.98	40.03	40.08	40.13	40.18	40.23	40.28	40.33	40.38
350	37.19	37.24	37.29	37.34	37.39	37.44	37.49	37.54	37.59	37.64	37.69	37.74	37.79	37.84	37.89	37.94	37.99	38.04	38.09	38.14
400	35.49	35.54	35.59	35.64	35.69	35.74	35.79	35.84	35.89	35.94	35.99	36.04	36.09	36.14	36.19	36.24	36.29	36.34	36.39	36.44
450	34.19	34.24	34.29	34.34	34.39	34.44	34.49	34.54	34.59	34.64	34.69	34.74	34.79	34.84	34.89	34.94	34.99	35.04	35.09	35.14
500	33.19	33.24	33.29	33.34	33.39	33.44	33.49	33.54	33.59	33.64	33.69	33.74	33.79	33.84	33.89	33.94	33.99	34.04	34.09	34.14
550	32.19	32.24	32.29	32.34	32.39	32.44	32.49	32.54	32.59	32.64	32.69	32.74	32.79	32.84	32.89	32.94	32.99	33.04	33.09	33.14
600	31.19	31.24	31.29	31.34	31.39	31.44	31.49	31.54	31.59	31.64	31.69	31.74	31.79	31.84	31.89	31.94	31.99	32.04	32.09	32.14
650	30.19	30.24	30.29	30.34	30.39	30.44	30.49	30.54	30.59	30.64	30.69	30.74	30.79	30.84	30.89	30.94	30.99	31.04	31.09	31.14
700	29.19	29.24	29.29	29.34	29.39	29.44	29.49	29.54	29.59	29.64	29.69	29.74	29.79	29.84	29.89	29.94	29.99	30.04	30.09	30.14
750	28.19	28.24	28.29	28.34	28.39	28.44	28.49	28.54	28.59	28.64	28.69	28.74	28.79	28.84	28.89	28.94	28.99	29.04	29.09	29.14
800	27.19	27.24	27.29	27.34	27.39	27.44	27.49	27.54	27.59	27.64	27.69	27.74	27.79	27.84	27.89	27.94	27.99	28.04	28.09	28.14
850	26.19	26.24	26.29	26.34	26.39	26.44	26.49	26.54	26.59	26.64	26.69	26.74	26.79	26.84	26.89	26.94	26.99	27.04	27.09	27.14
900	25.19	25.24	25.29	25.34	25.39	25.44	25.49	25.54	25.59	25.64	25.69	25.74	25.79	25.84	25.89	25.94	25.99	26.04	26.09	26.14
950	24.19	24.24	24.29	24.34	24.39	24.44	24.49	24.54	24.59	24.64	24.69	24.74	24.79	24.84	24.89	24.94	24.99	25.04	25.09	25.14
1000	23.19	23.24	23.29	23.34	23.39	23.44	23.49	23.54	23.59	23.64	23.69	23.74	23.79	23.84	23.89	23.94	23.99	24.04	24.09	24.14

MEASURED CASPL
CALCULATED CASPL
PdB

CAPNL: 150.0

AMBIENT TEMP: 81.00
WET-BULB TEMP: 67.00
BAR. PRESSURE: 29.10
ABS. HUMIDITY: 12.00

SCALE MODEL ACOUSTIC INST T/C 8/28/69 R/D 9/2/69-3

RUN#2 ROOM# 9 SP#000152

DATE: 9/22/69

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET									
	32.7	35.2	37.7	40.2	42.7	45.2	47.7	50.2	52.7	55.2
125	125	125	125	125	125	125	125	125	125	125
150	150	150	150	150	150	150	150	150	150	150
175	175	175	175	175	175	175	175	175	175	175
200	200	200	200	200	200	200	200	200	200	200
225	225	225	225	225	225	225	225	225	225	225
250	250	250	250	250	250	250	250	250	250	250
275	275	275	275	275	275	275	275	275	275	275
300	300	300	300	300	300	300	300	300	300	300
325	325	325	325	325	325	325	325	325	325	325
350	350	350	350	350	350	350	350	350	350	350
375	375	375	375	375	375	375	375	375	375	375
400	400	400	400	400	400	400	400	400	400	400
425	425	425	425	425	425	425	425	425	425	425
450	450	450	450	450	450	450	450	450	450	450
475	475	475	475	475	475	475	475	475	475	475
500	500	500	500	500	500	500	500	500	500	500
525	525	525	525	525	525	525	525	525	525	525
550	550	550	550	550	550	550	550	550	550	550
575	575	575	575	575	575	575	575	575	575	575
600	600	600	600	600	600	600	600	600	600	600
625	625	625	625	625	625	625	625	625	625	625
650	650	650	650	650	650	650	650	650	650	650
675	675	675	675	675	675	675	675	675	675	675
700	700	700	700	700	700	700	700	700	700	700
725	725	725	725	725	725	725	725	725	725	725
750	750	750	750	750	750	750	750	750	750	750
775	775	775	775	775	775	775	775	775	775	775
800	800	800	800	800	800	800	800	800	800	800
825	825	825	825	825	825	825	825	825	825	825
850	850	850	850	850	850	850	850	850	850	850
875	875	875	875	875	875	875	875	875	875	875
900	900	900	900	900	900	900	900	900	900	900
925	925	925	925	925	925	925	925	925	925	925
950	950	950	950	950	950	950	950	950	950	950
975	975	975	975	975	975	975	975	975	975	975
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

AMBIENT TEMP. 81.82
 MET-BULB TEMP. 67.68
 BAR. PRESSURE 29.00
 ABS. HUMIDITY 12.66

SCALE MODEL ACOUSTIC TEST T/D 0/20/69 R/D 9/22/69-3

RUN#2 MOD# 9 *****

DATE: 5/22/69

RADIAL DISTANCE 195

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

ANGLE FROM 0-180

ANGLE FROM 0-180	30.0	42.0	54.0	66.0	78.0	90.0	102.0	114.0	126.0	138.0	150.0	162.0	174.0	186.0
50	78.33	78.58	78.78	79.12	79.52	79.97	80.47	81.02	81.62	82.27	82.97	83.72	84.52	85.37
60	81.20	81.45	81.70	82.05	82.45	82.90	83.40	83.95	84.55	85.20	85.90	86.65	87.45	88.30
70	84.10	84.35	84.60	84.95	85.35	85.80	86.30	86.85	87.45	88.10	88.80	89.55	90.35	91.20
80	87.10	87.35	87.60	87.95	88.35	88.80	89.30	89.85	90.45	91.10	91.80	92.55	93.35	94.20
90	90.30	90.55	90.80	91.15	91.55	92.00	92.50	93.05	93.65	94.30	95.00	95.75	96.55	97.40
100	93.70	93.95	94.20	94.55	94.95	95.40	95.90	96.45	97.05	97.70	98.40	99.15	99.95	100.80
110	97.30	97.55	97.80	98.15	98.55	99.00	99.50	100.05	100.65	101.30	102.00	102.75	103.55	104.40
120	101.10	101.35	101.60	101.95	102.35	102.80	103.30	103.85	104.45	105.10	105.80	106.55	107.35	108.20
130	105.10	105.35	105.60	105.95	106.35	106.80	107.30	107.85	108.45	109.10	109.80	110.55	111.35	112.20
140	109.30	109.55	109.80	110.15	110.55	111.00	111.50	112.05	112.65	113.30	114.00	114.75	115.55	116.40
150	113.70	113.95	114.20	114.55	114.95	115.40	115.90	116.45	117.05	117.70	118.40	119.15	119.95	120.80
160	118.30	118.55	118.80	119.15	119.55	120.00	120.50	121.05	121.65	122.30	123.00	123.75	124.55	125.40
170	123.10	123.35	123.60	123.95	124.35	124.80	125.30	125.85	126.45	127.10	127.80	128.55	129.35	130.20
180	128.10	128.35	128.60	128.95	129.35	129.80	130.30	130.85	131.45	132.10	132.80	133.55	134.35	135.20

MEASURED CASPL
CALCULATED CASPL
PND8

AMBIENT TEMP: 81.00
WET-BULB TEMP: 67.00
BAR. PRESSURE: 19.80
ABS. HUMIDITY: 12.00

SCALE MODEL ACOUSTIC Y88T T/O 6/20/69 R/C 9/2/69-3

RUN#2 R0801C SP5E066037

OAPH01 199.5

D

DATE: 9/22/65

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLE FROM INLET											
	0	15	30	45	60	75	90	105	120	135	150	165
50	117	114	110	108	105	102	100	98	96	94	92	90
63	115	112	108	106	103	100	98	96	94	92	90	88
80	113	110	106	104	101	98	96	94	92	90	88	86
100	111	108	104	102	99	96	94	92	90	88	86	84
125	109	106	102	100	97	94	92	90	88	86	84	82
160	107	104	100	98	95	92	90	88	86	84	82	80
200	105	102	98	96	93	90	88	86	84	82	80	78
250	103	100	96	94	91	88	86	84	82	80	78	76
315	101	98	94	92	89	86	84	82	80	78	76	74
400	99	96	92	90	87	84	82	80	78	76	74	72
500	97	94	90	88	85	82	80	78	76	74	72	70
630	95	92	88	86	83	80	78	76	74	72	70	68
800	93	90	86	84	81	78	76	74	72	70	68	66
1000	91	88	84	82	79	76	74	72	70	68	66	64
1250	89	86	82	80	77	74	72	70	68	66	64	62
1600	87	84	80	78	75	72	70	68	66	64	62	60
2000	85	82	78	76	73	70	68	66	64	62	60	58
2500	83	80	76	74	71	68	66	64	62	60	58	56
3150	81	78	74	72	69	66	64	62	60	58	56	54
4000	79	76	72	70	67	64	62	60	58	56	54	52
5000	77	74	70	68	65	62	60	58	56	54	52	50
6300	75	72	68	66	63	60	58	56	54	52	50	48
8000	73	70	66	64	61	58	56	54	52	50	48	46

AMBIENT TEMP 61.00
 WET-BULB TEMP 67.00
 BAR. PRESSURE 29.00
 ABS. HUMIDITY 12.00

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/2/69-3

RUN#2 R00#12 SPEU#0437

DATE: 9/22/69

PAGE: 1

RADIAL DISTANCE. 158

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	2.0	3.0	4.0	5.0	6.0	8.0	10.0	12.0	15.0	20.0	25.0	30.0	40.0	50.0	60.0	80.0	100.0	120.0	150.0	170.0	(PHL)
50	71.32	73.22	74.48	74.16	74.03	73.75	74.37	75.55	75.97	76.31	76.58	76.79	76.94	77.04	77.11	77.16	77.20	77.23	77.25	77.27	185.7
55	69.28	70.75	72.07	71.41	71.03	70.95	71.51	72.27	72.69	73.02	73.29	73.53	73.73	73.89	74.01	74.10	74.18	74.25	74.30	74.33	185.2
60	68.55	70.02	71.38	70.63	70.14	70.05	70.61	71.37	71.79	72.12	72.39	72.63	72.83	72.99	73.11	73.19	73.26	73.32	73.37	73.40	184.8
65	71.02	72.44	73.84	73.04	72.51	72.42	72.98	73.74	74.16	74.49	74.76	75.00	75.20	75.36	75.48	75.56	75.62	75.67	75.71	75.74	184.4
70	69.91	71.37	72.75	71.92	71.38	71.29	71.85	72.61	73.03	73.36	73.63	73.87	74.07	74.23	74.35	74.43	74.49	74.54	74.58	74.61	184.0
75	67.42	68.38	69.82	68.87	68.24	68.15	68.71	69.47	69.89	70.22	70.49	70.73	70.93	71.10	71.22	71.29	71.35	71.40	71.44	71.47	183.6
80	66.94	67.55	68.51	67.54	66.98	66.89	67.45	68.21	68.63	68.96	69.23	69.47	69.67	69.83	69.95	69.99	70.04	70.08	70.11	70.13	183.4
85	66.08	66.34	67.32	66.32	65.78	65.69	66.25	67.01	67.43	67.76	68.03	68.27	68.47	68.63	68.75	68.82	68.87	68.91	68.94	68.96	183.2
90	65.05	65.04	66.04	65.07	64.53	64.44	65.00	65.76	66.18	66.51	66.78	67.02	67.22	67.39	67.51	67.57	67.62	67.66	67.69	67.71	183.0
95	63.36	63.28	64.27	63.34	62.80	62.71	63.27	64.03	64.45	64.78	65.05	65.29	65.49	65.65	65.77	65.83	65.88	65.92	65.95	65.97	182.8
100	74.36	75.06	75.87	74.87	74.32	74.23	74.79	75.55	75.97	76.30	76.57	76.81	77.01	77.17	77.29	77.35	77.40	77.44	77.47	77.49	182.7
105	73.17	73.17	74.16	73.16	72.61	72.52	73.08	73.84	74.26	74.59	74.86	75.10	75.30	75.46	75.58	75.64	75.69	75.73	75.76	75.78	182.6
110	74.17	74.12	75.10	74.08	73.53	73.44	74.00	74.76	75.18	75.51	75.78	76.02	76.22	76.39	76.51	76.57	76.61	76.64	76.67	76.69	182.5
115	78.02	77.88	78.81	77.86	77.31	77.22	77.78	78.54	78.96	79.29	79.56	79.80	80.00	80.17	80.31	80.41	80.46	80.50	80.53	80.55	182.4
120	81.81	81.64	82.48	81.52	80.97	80.88	81.44	82.20	82.62	82.95	83.22	83.46	83.66	83.82	83.95	84.01	84.05	84.08	84.11	84.13	182.3
125	80.37	80.13	80.93	79.97	79.42	79.33	79.89	80.65	81.07	81.40	81.67	81.91	82.11	82.27	82.40	82.50	82.56	82.60	82.63	82.65	182.2
130	81.23	81.07	81.71	80.73	80.18	80.09	80.65	81.41	81.83	82.16	82.43	82.67	82.87	83.03	83.16	83.23	83.28	83.32	83.35	83.37	182.1
135	66.97	67.41	68.43	67.43	66.88	66.79	67.35	68.11	68.53	68.86	69.13	69.37	69.57	69.73	69.85	69.91	69.95	69.98	69.99	70.00	182.0
140	62.35	62.58	63.58	62.58	62.03	61.94	62.50	63.26	63.68	63.95	64.19	64.40	64.58	64.73	64.85	64.91	64.95	64.98	64.99	65.00	181.9
145	63.91	64.09	65.08	64.08	63.53	63.44	64.00	64.76	65.18	65.51	65.78	66.02	66.22	66.39	66.51	66.57	66.61	66.64	66.66	66.67	181.8
150	64.32	64.37	65.36	64.36	63.81	63.72	64.28	65.04	65.46	65.79	66.03	66.23	66.40	66.55	66.67	66.73	66.77	66.80	66.82	66.83	181.7
155	69.93	69.86	70.85	69.85	69.30	69.21	69.77	70.53	70.95	71.28	71.54	71.75	71.92	72.07	72.19	72.25	72.29	72.32	72.34	72.35	181.6
160	83.47	83.21	84.08	83.23	82.68	82.59	83.15	83.91	84.33	84.66	84.92	85.13	85.31	85.47	85.60	85.70	85.76	85.80	85.83	85.85	181.5
165	92.39	92.08	94.01	92.57	91.02	90.93	91.49	92.25	92.67	92.94	93.15	93.33	93.49	93.63	93.75	93.81	93.85	93.88	93.90	93.91	181.4
170	96.97	97.74	98.49	98.22	96.67	96.58	97.14	97.90	98.32	98.59	98.79	98.95	99.09	99.21	99.31	99.37	99.41	99.43	99.44	99.45	181.3
175	112.11	112.64	113.11	113.16	111.61	111.52	112.08	112.84	113.26	113.53	113.74	113.91	114.05	114.17	114.27	114.33	114.37	114.40	114.42	114.43	181.2

MEASURED CASPL
CALCULATED CASPL
PSDR

AMBIENT TEMP: 91.00
MET-BULB TEMP: 97.00
REL. HUMIDITY: 29.00
ABS. HUMIDITY: 12.00

SCALE MODEL ACOUSTIC TEST T/D 8/20/69 R/D 9/2/69-3

RUN#2 R0611 SPEED#6507

0APHLI 182.0

DATE: 9/2/69

RADIAL DISTANCE 150

PAGE: 2

SCVD PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET																
	2.8	13.8	22.2	32.2	45.2	55.2	65.8	78.2	85.2	95.2	122.2	132.2	142.2	152.2	168.2	178.2	180.2
54	-1.88	0.598	2.881	1.754	2.229	1.37	1.772	1.19									
63	-2.58	0.885	2.814	1.552	2.657	1.52	1.772	1.19									
84	-2.28	0.882	0.776	0.838	2.512	1.18	1.772	1.19									
102	-3.07	-2.71	-2.19	1.6.4	3.451	2.003	2.733										
120	-2.41	-2.23	0.352	1.889	2.284	2.42	2.174	2.831									
140	-2.72	-1.76	0.352	1.728	2.364	2.40	2.464	4.388									
200	-1.15	-1.57	1.21	1.21	1.881	2.22	2.355	4.223									
252	-1.24	-1.221	0.971	0.944	1.696	2.951	3.927										
330	1.839	0.281	0.978	0.742	0.728	2.188	2.859	4.056									
400	1.372	0.814	-2.16	0.48	0.22	1.473	2.72	3.207									
500	1.848	1.21	0.388	0.884	0.22	1.22	2.32	4.823									
632	1.547	-1.393	1.836	1.741	1.22	1.22	2.816	3.526									
800	2.597	1.545	0.828	0.831	1.22	1.22	2.468	3.425									
1000	3.509	1.884	1.627	1.218	1.4	1.4	1.884	2.686									
1200	3.888	2.582	1.487	0.723	1.783	1.22	1.22	2.329									
1600	2.987	2.218	1.836	0.824	1.835	1.49	1.22	2.825									
2000	2.429	2.487	1.581	0.823	1.174	0.22	2.32	2.174									
2500	1.983	1.593	1.237	1.594	0.866	1.361	4.28	3.884									
3100	1.843	1.479	0.887	0.884	1.834	2.238	2.899	3.697									
4000	2.344	1.578	1.382	1.887	1.718	1.47	1.45	2.589									
5000	0.188	1.787	0.987	2.887	0.836	1.882	4.228	3.881									
6300	-1.82	-2.84	-3.16	-0.333	2.982	3.438	3.379	4.288									
8000	1.425	1.488	1.16	2.883	2.889	0.721	4.887	3.753									
10000	1.882	1.866	-2.28	-1.139	-0.882	1.438	3.946	3.616									

AMBIENT TEMP 61.88
 METROLES TEMP 67.88
 GAUG. PRESSURE 29.88
 ABS. HUMIDITY 12.66

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/C 9/2/69-3

RUN#2 RC#21 SPEED#6902

DATE: 9/22/69

RADIAL DISTANCE 158

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	ANGLE FROM INLET		ANGLE FROM INLET		120.0	130.0	140.0	150.0	160.0	170.0	180.0		
	0.0	15.0	30.0	45.0								60.0	75.0
50	71.92	72.37	74.26	74.09	75.19	74.71	76.18	77.32					186.5
63	74.83	73.81	75.51	74.56	76.66	74.46	76.64	77.95					186.4
80	71.28	71.04	73.22	73.34	74.24	75.05	76.19	77.95					186.2
100	71.87	71.28	73.28	74.48	75.78	77.28	78.44						186.7
125	71.53	72.34	73.84	76.81	80.85	88.56	77.18	78.79					189.5
160	68.86	68.97	70.48	72.25	73.43	73.92	75.29	76.15					189.1
200	68.11	67.49	68.53	70.29	72.46	74.07	75.93	77.07					188.4
250	68.41	68.33	68.24	69.14	70.14	71.48	73.17						188.4
310	71.84	73.04	74.25	75.88	77.87	79.58	81.67	83.12					189.3
400	72.81	74.32	75.81	77.38	79.12	81.08	83.28	85.32					188.8
500	77.45	75.38	73.93	76.41	78.86	81.39	84.11	86.92					189.9
630	73.34	73.84	75.49	76.28	78.62	81.03	83.68	86.54					188.4
800	74.23	73.86	75.77	76.37	78.54	81.44	84.39	87.29					188.7
1000	78.87	77.89	77.51	78.36	79.23	80.99	82.78	84.59					188.9
1250	78.78	78.88	78.24	77.95	77.99	77.77	78.52	78.92					188.7
1600	78.38	78.24	78.45	78.42	78.24	78.34	78.38	78.38					188.2
2000	78.25	78.78	78.85	77.91	78.38	78.29	78.79	79.48					188.2
2500	79.74	78.84	80.44	78.17	79.34	81.36	83.11	84.82					188.3
3150	84.45	84.06	84.26	84.38	84.07	83.95	83.88	83.82					188.5
4000	92.98	94.06	91.54	92.81	92.17	91.82	91.80	91.80					188.5
5000	88.54	89.05	87.17	88.44	87.91	86.96	86.44	86.32					188.9
6300	84.44	84.88	85.27	87.27	88.37	89.11	89.72						188.7
8000	89.83	89.88	89.83	89.49	89.38	87.82	86.93	86.12					188.4
10000	84.84	83.71	82.18	84.84	85.77	87.34	88.87						188.4
MEASURED CASPL	98.61	98.78	99.97	98.32	98.28	99.26	99.86	99.48					181.2
CALCULATED CASPL	96.95	97.07	99.01	96.75	96.82	97.92	97.39	96.88					181.2
PRDY	111.8	111.8	111.9	111.8	111.8	111.9	111.9	111.9					181.2

OAPHL 181.2

AMBIENT TEMPI 81.00
 WET-BULB TEMPI 67.00
 BAR. PRESSURE 29.84
 ABS. HUMIDITY 12.66

SCALE MODEL ACOUSTIC TEST 7/0 8/20/69 R/D 9/2/69-3

RUN2 R0012 S08004927

DATE: 9/2/69

RADIAL DISTANCE 150

PAGE: 2

SOUNG PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	5.2	11.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	150.2	162.2	170.2	180.2
	ANGLES FROM INLET																		
52	-1.32	-0.67	1.025	1.059	1.949	1.076	2.045	1.094	2.045	1.094	2.045	1.094	2.045	1.094	2.045	1.094	2.045	1.094	2.045
63	-2.83	-1.47	0.929	1.096	1.596	1.394	3.584	1.394	3.584	1.394	3.584	1.394	3.584	1.394	3.584	1.394	3.584	1.394	3.584
87	-1.45	-1.05	-0.518	1.323	1.985	2.327	3.451	4.017	3.451	4.017	3.451	4.017	3.451	4.017	3.451	4.017	3.451	4.017	3.451
104	-3.10	-2.58	-0.467	0.942	2.446	2.994	3.268	4.169	3.268	4.169	3.268	4.169	3.268	4.169	3.268	4.169	3.268	4.169	3.268
122	-4.44	-3.62	-0.932	0.891	4.877	4.613	1.214	2.032	1.214	2.032	1.214	2.032	1.214	2.032	1.214	2.032	1.214	2.032	1.214
149	-2.62	-2.51	-0.992	0.788	1.059	2.442	3.016	4.032	3.016	4.032	3.016	4.032	3.016	4.032	3.016	4.032	3.016	4.032	3.016
202	-1.88	-1.68	-0.643	1.123	1.296	1.083	3.778	4.786	1.083	3.778	4.786	1.083	3.778	4.786	1.083	3.778	4.786	1.083	3.778
256	-1.89	0.349	-0.444	4.466	-0.556	1.352	5.947	2.469	1.352	5.947	2.469	1.352	5.947	2.469	1.352	5.947	2.469	1.352	5.947
315	1.479	1.442	-1.24	0.639	0.742	2.083	3.378	5.124	2.083	3.378	5.124	2.083	3.378	5.124	2.083	3.378	5.124	2.083	3.378
400	0.125	-0.274	1.09	-0.483	0.708	1.524	3.602	3.528	1.524	3.602	3.528	1.524	3.602	3.528	1.524	3.602	3.528	1.524	3.602
502	-1.83	-0.884	0.132	0.538	0.312	1.328	2.848	4.081	1.328	2.848	4.081	1.328	2.848	4.081	1.328	2.848	4.081	1.328	2.848
63	-1.23	-0.735	0.155	1.593	1.629	2.358	3.188	3.992	2.358	3.188	3.992	2.358	3.188	3.992	2.358	3.188	3.992	2.358	3.188
87	1.075	1.182	2.164	1.144	0.821	1.987	2.041	3.732	1.987	2.041	3.732	1.987	2.041	3.732	1.987	2.041	3.732	1.987	2.041
104	0.944	0.424	0.834	1.637	1.089	2.275	2.824	2.072	1.089	2.275	2.824	2.072	1.089	2.275	2.824	2.072	1.089	2.275	2.824
122	2.232	1.029	1.791	2.099	1.144	1.384	2.889	2.475	1.144	1.384	2.889	2.475	1.144	1.384	2.889	2.475	1.144	1.384	2.889
149	1.046	2.812	1.734	0.389	1.528	1.032	1.571	2.947	1.528	1.032	1.571	2.947	1.528	1.032	1.571	2.947	1.528	1.032	1.571
202	1.389	1.004	2.281	0.238	1.438	1.488	2.044	2.446	1.438	1.488	2.044	2.446	1.438	1.488	2.044	2.446	1.438	1.488	2.044
256	0.087	2.038	1.089	-1.10	-0.314	1.984	4.551	3.563	-0.314	1.984	4.551	3.563	-0.314	1.984	4.551	3.563	-0.314	1.984	4.551
315	0.289	1.439	1.328	0.726	1.347	2.424	2.749	2.793	1.347	2.424	2.749	2.793	1.347	2.424	2.749	2.793	1.347	2.424	2.749
400	2.757	4.237	1.317	2.988	1.945	4.094	0.924	0.864	1.945	4.094	0.924	0.864	1.945	4.094	0.924	0.864	1.945	4.094	0.924
502	2.091	3.985	0.7214	1.992	1.469	5.193	2.021	0.720	1.469	5.193	2.021	0.720	1.469	5.193	2.021	0.720	1.469	5.193	2.021
630	-3.12	-2.98	-1.09	1.110	1.012	5.034	2.540	2.489	1.012	5.034	2.540	2.489	1.012	5.034	2.540	2.489	1.012	5.034	2.540
800	0.087	3.382	0.72	0.187	0.171	1.043	1.381	2.585	0.171	1.043	1.381	2.585	0.171	1.043	1.381	2.585	0.171	1.043	1.381
1000	0.014	-0.326	-0.06	0.001	-0.281	1.791	3.299	5.035	-0.281	1.791	3.299	5.035	-0.281	1.791	3.299	5.035	-0.281	1.791	3.299

AMBIENT TEMP: 81.82
 WET-BULB TEMP: 67.08
 BAR. PRESSURE: 29.86
 ABS. HUMIDITY: 12.66

SCALE MODEL ACOUSTIC TEST T/D 8/26/69 R/D 9/2/69-3

RUN#2 R0812 SPEED#6927

DATE: 9/22/69

RADIAL DISTANCE 150

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	2.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	
	ANGLES FROM INLET																					
50	71.19	71.90	72.66	73.76	74.07	75.13	76.39	77.22														
63	71.97	72.18	73.09	73.88	74.82	75.06	77.12	78.84														
82	72.08	72.75	72.96	73.82	75.32	76.25	77.88	79.14														
100	72.81	73.88	73.88	74.82	76.83	77.29	77.88	78.11														
125	71.28	72.36	72.99	73.83	75.09	75.76	76.44	76.89														
162	68.75	69.86	70.78	72.59	73.56	74.18	75.08	75.97														
207	67.63	68.79	69.19	69.82	70.46	71.11	72.56	73.41														
259	68.58	69.43	69.53	69.84	69.82	70.19	72.28	73.43														
319	72.08	72.93	73.87	74.43	75.72	75.93	75.99	76.60														
402	73.23	73.75	74.51	75.22	76.11	77.22	78.13	81.53														
500	77.69	77.17	77.82	77.25	78.09	78.63	80.79	81.98														
630	73.37	73.59	74.68	75.47	76.88	77.32	78.31	79.38														
807	74.26	74.93	73.36	73.72	74.29	75.82	76.12	76.79														
1000	73.89	73.88	73.37	73.94	74.74	75.44	76.21	80.24														
1250	70.74	70.31	71.99	72.72	73.73	74.49	75.11	76.32														
1600	70.38	70.51	70.34	70.51	70.47	70.48	70.46	80.77														
2000	77.93	77.96	77.22	76.81	77.93	78.83	79.73	79.28														
2500	79.64	79.31	78.97	79.39	79.48	80.83	81.99	82.42														
3150	84.04	84.82	84.25	84.49	84.58	85.79	86.14	85.95														
4000	90.12	91.21	87.44	88.58	88.83	90.47	90.73	89.17														
5000	88.44	88.04	86.82	85.12	87.16	87.69	89.68	89.56														
6300	86.88	86.81	83.83	82.16	84.83	85.22	87.38	87.37														
8000	84.14	84.98	82.88	84.38	84.87	86.96	88.93	89.58														
10000	83.42	83.74	82.12	84.12	84.66	86.83	88.26	88.86														
MEASURED OASPL	96.82	97.55	55.48	97.59	97.84	97.35	99.19	99.77														
CALCULATED OASPL	99.24	99.99	93.93	96.84	99.17	97.78	97.85	98.05														
PNDB	118.2	118.9	108.7	118.8	108.9	111.6	111.1	111.0														

OASPL 150.5

AMBIENT TEMP: 82.00
 METEORO TEMP: 68.00
 BAR. PRESSURE 29.82
 ABS. HUMIDITY 13.21

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/2/69-3

RUN#2 R0013 SPEED07844

DATE: 9/2/69

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET																
	0.2	18.2	22.2	32.2	42.2	53.3	62.2	72.2	82.2	92.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2
50	-1.73	-1.94	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
60	-1.95	-1.29	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61
80	-1.88	-1.23	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72	-1.72
100	-1.98	-1.31	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43
125	-1.74	-1.58	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49
160	-1.87	-1.75	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
200	-1.22	-1.11	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
250	-1.21	-1.27	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17
300	-1.48	-1.24	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37
350	-1.34	-1.34	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56
400	-1.85	-1.13	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79
500	-1.74	-1.24	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37
600	-1.14	-1.32	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
800	-1.17	-1.37	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15
1000	-1.34	-1.39	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15
1200	-1.44	-1.32	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41
1600	-1.44	-1.34	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55
2000	-1.84	-1.35	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
2500	-1.84	-1.35	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
3100	-1.84	-1.35	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
4000	-1.84	-1.35	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
5000	-1.84	-1.35	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
6000	-1.84	-1.35	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
8000	-1.84	-1.35	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
10000	-1.84	-1.35	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48

AMBIENT TEMP: 82.00
 MET-BULB TEMP: 68.00
 BAR. PRESSURE: 29.25
 ABS. HUMIDITY: 13.21
 SCALE MODEL ACOUSTIC TEST T/D 6/28/69 R/D 9/2/69-3
 RUN#2 R00#13 SPEED-7F/1

DATE: 9/23/69

RADIAL DISTANCE 158

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	ANGLES FROM INLET																				
	0.0	10.0	22.7	37.2	47.2	50.0	58.0	78.2	80.0	93.0	102.0	110.0	122.0	132.0	142.0	152.0	160.0	170.0	178.0	180.0	
54	73.07	73.95	74.87	75.89	76.64	77.22	78.41	79.14													128.3
63	76.32	77.74	77.16	77.22	77.41	78.28	79.83	88.51													129.9
87	75.32	75.41	75.09	76.43	77.76	78.58	79.48	86.48													129.5
104	73.22	74.14	75.43	74.83	75.11	75.81	80.18	81.11													128.8
123	74.64	76.86	79.36	82.76	79.51	82.77	84.16	85.36													133.2
142	71.49	73.36	72.85	74.97	75.99	76.61	78.63	79.36													128.8
202	76.45	68.96	78.29	72.83	72.41	73.31	75.54	77.84													125.2
281	78.77	68.55	78.29	68.91	78.82	74.74	74.84	74.28													128.8
319	74.42	72.61	71.86	72.78	74.85	76.88	76.68	78.89													127.2
482	77.31	72.87	72.38	72.88	73.31	81.84	71.72	82.33													131.8
588	77.77	72.22	78.91	79.58	88.29	88.63	82.39	84.18													132.9
633	75.25	72.68	77.64	72.68	77.95	79.25	80.77	82.26													131.2
801	75.21	74.61	75.58	75.55	74.18	77.16	79.26	79.34													127.4
1000	77.86	77.68	72.94	78.89	78.83	84.28	88.88	88.79													132.3
1294	76.98	76.09	76.77	76.48	79.44	88.47	88.12	88.99													132.3
1483	79.38	78.42	79.43	78.88	82.24	81.27	79.84	82.48													132.7
2081	78.74	77.37	88.09	79.57	79.18	78.04	80.54	79.27													132.3
2382	78.79	82.16	83.89	82.21	82.12	81.82	87.41	82.19													132.3
3157	84.91	86.65	86.49	86.52	87.19	86.53	86.83	89.27													148.1
4894	83.44	87.37	87.43	88.19	86.85	85.38	88.44	85.84													148.2
5382	93.38	91.13	95.17	95.87	91.55	98.33	93.73	92.44													147.3
6381	84.88	83.24	82.82	81.88	82.42	81.31	81.17	87.28													141.2
8892	82.38	83.64	88.72	83.62	85.22	86.89	87.42	86.92													148.4
10000	83.37	83.63	83.74	85.89	86.99	89.21	89.21	91.21													148.3

MEASURED CASPL
CALCULATED CASPL
P.D.R.

AMBIENT TEMP: 82.88
MET-BULB TEMP: 80.88
BAR. PRESSURE: 29.82
HGT. - DENSITY: 13.21

SCALE MODEL ACOUSTIC TEST T/D 8/28/59 R/D 9/3/69-3

RUN#2 R06214 SPEED=7486

DAPMLI 151.7

DATE: 9/3/69

RADIAL DISTANCE 158

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SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET											
	2.2	4.8	7.2	9.6	12.0	14.4	16.8	19.2	21.6	24.0	26.4	28.8
90	-1.27	-0.99	0.77	0.94	1.08	1.22	1.36	1.50	1.64	1.78	1.92	2.06
63	-1.26	1.17	0.93	0.54	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
0	-0.82	-0.79	-0.29	0.82	1.43	2.04	2.65	3.26	3.87	4.48	5.09	5.70
18	-0.41	-0.27	-0.23	0.65	1.26	1.87	2.48	3.09	3.70	4.31	4.92	5.53
27	-0.40	0.22	0.33	0.81	1.42	2.03	2.64	3.25	3.86	4.47	5.08	5.69
36	-0.94	0.86	-1.58	0.47	1.54	2.61	3.68	4.75	5.82	6.89	7.96	9.03
232	-1.14	-0.42	-1.29	0.43	1.29	2.15	3.01	3.87	4.73	5.59	6.45	7.31
313	0.24	0.59	1.05	1.23	1.69	2.15	2.61	3.07	3.53	3.99	4.45	4.91
313	0.98	0.16	-0.37	0.45	1.45	2.45	3.45	4.45	5.45	6.45	7.45	8.45
452	-0.78	-0.18	-1.75	-0.16	1.28	2.56	3.84	5.12	6.40	7.68	8.96	10.24
582	-1.21	-1.72	-0.87	0.81	1.62	2.43	3.24	4.05	4.86	5.67	6.48	7.29
434	-1.92	-1.26	0.85	0.77	1.72	2.67	3.62	4.57	5.52	6.47	7.42	8.37
242	0.83	-0.82	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96
122	0.72	0.85	0.97	1.08	1.19	1.30	1.41	1.52	1.63	1.74	1.85	1.96
122	1.08	0.87	1.06	1.25	1.44	1.63	1.82	2.01	2.20	2.39	2.58	2.77
162	1.04	1.42	1.79	1.73	1.93	2.33	2.73	3.13	3.53	3.93	4.33	4.73
202	1.04	1.04	1.30	1.80	1.47	1.23	1.23	1.23	1.23	1.23	1.23	1.23
282	-1.73	0.43	2.48	2.77	0.83	1.38	1.93	2.48	3.03	3.58	4.13	4.68
313	-1.17	1.47	3.26	3.94	2.82	1.34	0.47	1.94	2.51	3.08	3.65	4.22
400	0.39	0.34	2.07	3.15	1.83	1.27	0.44	1.94	2.51	3.08	3.65	4.22
502	1.01	0.30	3.30	3.30	2.13	0.44	1.94	2.51	3.08	3.65	4.22	4.79
602	-1.14	0.01	3.00	1.64	2.51	3.74	4.97	6.20	7.43	8.66	9.89	11.12
802	-1.18	0.02	2.92	2.82	1.92	3.47	4.70	5.93	7.16	8.39	9.62	10.85
1002	-2.30	-1.1	-2.21	-0.87	1.30	2.53	3.76	4.99	6.22	7.45	8.68	9.91

AMBIENT TEMP. 94.0F
 WET-BULB TEMP. 88.0F
 BAR. PRESS. RE 29.89
 ABS. HUMIDITY 13.21

SCALE MODEL ACOUSTIC TEST T/O 8/25/69 R/D 9/3/69-3
 RUN#2 R0614 SPEED 7000

RADIAL DISTANCE 158

DATE 9/23/69

PAGE 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	ANGLES FROM INLET										
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0
52	74.07	75.82	75.89	76.23	77.53	77.63	78.00	80.02	82.04	82.04	129.0
63	74.49	76.15	76.52	77.00	77.20	78.22	79.08	80.57	82.04	82.04	129.0
84	74.47	75.80	75.25	75.76	77.05	78.52	79.08	80.57	82.04	82.04	129.0
105	74.08	74.89	74.32	74.48	75.18	76.18	77.18	78.18	79.18	80.18	129.0
126	75.48	76.24	76.85	78.25	78.14	79.18	80.18	81.18	82.18	83.18	129.0
167	72.81	72.45	72.24	72.77	73.40	74.22	75.04	75.86	76.68	77.50	129.0
208	75.00	75.90	75.51	72.67	73.19	74.05	75.35	76.64	77.93	79.22	129.0
250	73.33	73.23	73.03	73.82	74.88	75.40	76.11	76.82	77.53	78.24	129.0
319	73.55	73.34	72.79	73.49	75.14	76.55	77.93	79.33	80.72	82.11	129.0
400	71.42	71.35	71.83	72.68	73.57	74.46	75.35	76.24	77.13	78.02	129.0
500	70.31	71.05	71.69	72.11	73.03	73.95	74.86	75.77	76.68	77.59	129.0
630	74.21	74.33	74.22	74.44	74.81	75.18	75.55	75.92	76.29	76.66	129.0
800	74.67	75.05	75.02	74.84	74.83	75.27	75.71	76.15	76.59	77.03	129.0
1000	78.68	79.25	78.48	79.99	79.49	80.00	80.51	81.02	81.53	82.04	129.0
1250	81.49	82.24	84.39	84.13	84.86	85.60	86.34	87.08	87.82	88.56	129.0
1500	84.48	84.99	87.38	87.81	87.32	87.83	88.34	88.85	89.36	89.87	129.0
2000	87.47	87.73	89.33	89.10	89.13	89.42	89.71	90.00	90.29	90.58	129.0
2500	84.84	87.39	88.66	89.28	87.22	89.79	87.42	89.21	87.05	88.84	129.0
3150	89.80	91.21	93.38	91.62	89.79	89.49	89.03	88.58	88.13	87.68	129.0
4000	87.63	88.73	88.20	88.44	87.56	86.69	85.82	84.95	84.08	83.21	129.0
5000	93.84	92.47	89.21	88.79	88.31	87.83	87.35	86.87	86.39	85.91	129.0
6300	88.57	88.28	88.23	87.22	86.48	85.74	85.00	84.26	83.52	82.78	129.0
8000	84.63	85.44	82.99	85.85	85.05	84.25	83.45	82.65	81.85	81.05	129.0
10000	89.27	84.71	85.53	87.82	86.66	85.50	84.34	83.18	82.02	80.86	129.0
MEASURED CASPL	99.32	100.3	100.5	100.6	99.79	100.4	101.1	101.7	102.4	103.1	198.7
CALCULATED CASPL	97.02	96.03	95.28	95.21	96.36	96.94	97.52	98.10	98.68	99.26	198.7
P.L.O.B	113.6	112.8	112.1	111.4	112.4	113.5	114.6	115.7	116.8	117.9	198.7

876

CASPL 198.7

AMBIENT TEMP 82.09
 MET-BULB TEMP 60.00
 SAC. PRESSURE 22.82
 ABS. HUMIDITY 13.21

SCALE MODEL ACOUSTIC TEST T/C 8/28/69 R/D 9/3/69-3

R/Ve? R/C615 SPEED=777?

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET												
	2.3	18.2	27.2	32.4	41.2	50.2	62.2	72.1	82.2	122.2	152.2	182.2	192.2
57	-1.97	0.556	1.3219	1.692	1.855	2.259	2.885	4.497					
63	-1.56	0.775	1.394	1.223	1.211	2.145	3.379	4.491					
62	-2.32	-0.97	0.788	0.223	1.463	2.533	3.466	4.959					
104	-2.89	-2.36	0.481	0.801	1.838	2.225	3.524	4.996					
124	-2.55	-1.78	0.7734	0.288	1.868	2.127	4.312	4.731					
164	-0.19	-2.36	0.775	0.962	1.392	2.254	3.848	4.989					
202	-0.95	-1.94	0.576	0.816	1.331	2.159	3.457	4.754					
252	1.769	-0.319	0.3789	0.282	0.285	1.928	2.866	4.818					
312	1.138	-2.87	-1.42	0.912	0.242	2.12	3.319	5.238					
402	-1.86	-2.67	-2.14	0.299	0.925	1.828	3.875	5.375					
502	-1.34	-2.81	0.331	0.288	0.293	1.819	3.293	5.212					
632	-0.51	-1.19	1.498	0.288	0.7892	2.894	3.119	4.495					
804	1.391	-1.78	0.159	0.235	1.185	2.783	2.736	3.920					
1004	0.878	0.543	0.384	0.384	0.386	2.287	3.849	3.872					
1252	-0.337	0.318	0.772	0.339	0.283	0.849	0.866	0.888					
1604	-0.388	0.781	2.655	0.483	2.643	2.334	2.171	0.596					
2008	-1.21	1.222	4.655	1.227	2.254	0.438	2.12	2.57					
2508	-1.88	1.472	4.744	1.887	1.389	0.121	1.888	0.182					
3120	0.292	0.456	4.423	2.801	1.831	0.484	0.124	0.178					
4008	1.821	2.937	2.488	2.428	1.748	1.887	0.861	0.342					
5007	2.648	2.859	2.121	3.321	1.978	2.741	3.098	1.583					
6304	1.337	1.341	0.841	2.371	1.259	3.478	1.741	1.874					
8002	-1.14	1.428	1.443	1.437	1.241	2.384	2.382	2.281					
10002	-1.25	-1.179	-0.981	1.384	1.585	3.472	4.593	3.589					

AREA: TEMP 82.80
 WIND TEMP 60.58
 GAS PRESSURE 29.89
 ABS. HUMIDITY 13.21

SCALE: COEL ACOUSTIC TEST 7/D 8/29/59 R/D 9/3/65

BU: 2 RD: 613 SPEED: 07777

RADIAL DISTANCE 150

DATE: 9/3/69

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	12.0	15.0	18.0	20.0	25.0	30.0	35.0	40.0	50.0	60.0	70.0	80.0	100.0	125.0	160.0	200.0		
50	74.59	75.54	76.27	76.91	77.91	77.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91
63	73.94	75.08	76.42	76.65	77.79	79.25	82.37	81.51																			
80	74.38	75.09	76.15	76.91	78.54	78.72	80.98	82.36																			
100	74.14	75.18	76.28	77.74	78.88	80.81	81.41	82.28																			
125	74.76	75.78	76.16	77.04	78.92	83.31	83.34	83.08																			
160	72.91	73.28	74.94	76.25	77.17	78.42	79.81	80.84																			
200	72.11	73.08	74.97	73.23	73.92	74.64	75.98	77.39																			
250	71.62	71.35	71.74	72.37	72.25	74.18	76.93	74.99																			
315	71.71	71.84	73.85	74.91	76.45	78.13	79.59	81.11																			
400	71.71	72.48	77.88	78.48	81.88	84.14	85.14																				
500	70.39	70.25	80.46	80.75	82.61	82.27	84.14	85.14																			
630	70.72	77.85	79.34	79.88	79.11	80.89	80.98	82.48																			
800	70.35	70.26	76.54	77.82	78.64	79.66	82.13	83.93																			
1000	81.16	82.84	84.49	83.78	82.78	82.19	83.29	83.32																			
1250	81.08	82.48	82.88	82.64	81.39	80.34	80.28	83.11																			
1600	82.84	84.88	87.49	87.37	84.46	81.44	83.84	86.28																			
2000	81.24	84.19	86.75	91.59	92.84	91.56	89.32	87.87																			
2500	83.56	84.19	87.20	84.83	85.86	84.33	85.83	86.78																			
3150	88.49	89.18	89.81	89.52	89.93	87.80	87.80	86.03																			
4000	88.23	89.58	88.83	89.19	88.95	88.95	88.95	88.95																			
5000	88.64	88.79	88.84	91.09	88.89	92.39	90.84	92.78																			
6300	86.21	87.51	88.45	87.73	84.68	87.39	87.39	88.88																			
8000	85.19	86.49	83.23	87.28	85.42	84.88	85.83	87.28																			
10000	84.61	85.36	83.44	86.59	86.19	89.08	89.49	89.88																			
MEASURED OARPL	189.0	182.6	189.1	182.8	181.7	181.4	188.6	181.9																			
CALCULATED OARPL	99.59	101.6	102.2	101.6	100.6	100.6	101.2	100.3																			
SCALE FACTOR	112.4	114.1	114.9	114.8	113.4	113.8	112.7	112.2																			

OARPL: 154.4

AIRWAY TEMP: 82.00
MET-BALL TEMP: 68.88
BAR PRESSURE: 29.82
AIR VELOCITY: 13.21

SCALE: 100L ACUSTIC TEST T/D 8/28/69 R/D 9/3/69-3

RUN#2 R5610 SPEED=7940

DATE 9/3/69

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RADIAL DISTANCE 152

SOUND PRESSURE LEVELS DIPECTIVITY INDEX

FREQ	2.2	18.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2
50	-1.53	-2.50	-3.50	-4.50	-5.50	-6.50	-7.50	-8.50	-9.50	-10.50	-11.50	-12.50	-13.50	-14.50	-15.50	-16.50	-17.50	-18.50	-19.50	-20.50	-21.50
63	-2.72	-3.68	-4.68	-5.68	-6.68	-7.68	-8.68	-9.68	-10.68	-11.68	-12.68	-13.68	-14.68	-15.68	-16.68	-17.68	-18.68	-19.68	-20.68	-21.68	-22.68
80	-3.46	-4.43	-5.43	-6.43	-7.43	-8.43	-9.43	-10.43	-11.43	-12.43	-13.43	-14.43	-15.43	-16.43	-17.43	-18.43	-19.43	-20.43	-21.43	-22.43	-23.43
100	-4.31	-5.28	-6.28	-7.28	-8.28	-9.28	-10.28	-11.28	-12.28	-13.28	-14.28	-15.28	-16.28	-17.28	-18.28	-19.28	-20.28	-21.28	-22.28	-23.28	-24.28
125	-5.04	-6.01	-7.01	-8.01	-9.01	-10.01	-11.01	-12.01	-13.01	-14.01	-15.01	-16.01	-17.01	-18.01	-19.01	-20.01	-21.01	-22.01	-23.01	-24.01	-25.01
160	-6.05	-7.02	-8.02	-9.02	-10.02	-11.02	-12.02	-13.02	-14.02	-15.02	-16.02	-17.02	-18.02	-19.02	-20.02	-21.02	-22.02	-23.02	-24.02	-25.02	-26.02
200	-7.11	-8.08	-9.08	-10.08	-11.08	-12.08	-13.08	-14.08	-15.08	-16.08	-17.08	-18.08	-19.08	-20.08	-21.08	-22.08	-23.08	-24.08	-25.08	-26.08	-27.08
250	-8.20	-9.17	-10.17	-11.17	-12.17	-13.17	-14.17	-15.17	-16.17	-17.17	-18.17	-19.17	-20.17	-21.17	-22.17	-23.17	-24.17	-25.17	-26.17	-27.17	-28.17
315	-9.40	-10.37	-11.37	-12.37	-13.37	-14.37	-15.37	-16.37	-17.37	-18.37	-19.37	-20.37	-21.37	-22.37	-23.37	-24.37	-25.37	-26.37	-27.37	-28.37	-29.37
400	-10.70	-11.67	-12.67	-13.67	-14.67	-15.67	-16.67	-17.67	-18.67	-19.67	-20.67	-21.67	-22.67	-23.67	-24.67	-25.67	-26.67	-27.67	-28.67	-29.67	-30.67
500	-12.10	-13.07	-14.07	-15.07	-16.07	-17.07	-18.07	-19.07	-20.07	-21.07	-22.07	-23.07	-24.07	-25.07	-26.07	-27.07	-28.07	-29.07	-30.07	-31.07	-32.07
630	-13.60	-14.57	-15.57	-16.57	-17.57	-18.57	-19.57	-20.57	-21.57	-22.57	-23.57	-24.57	-25.57	-26.57	-27.57	-28.57	-29.57	-30.57	-31.57	-32.57	-33.57
800	-15.20	-16.17	-17.17	-18.17	-19.17	-20.17	-21.17	-22.17	-23.17	-24.17	-25.17	-26.17	-27.17	-28.17	-29.17	-30.17	-31.17	-32.17	-33.17	-34.17	-35.17
1000	-16.90	-17.87	-18.87	-19.87	-20.87	-21.87	-22.87	-23.87	-24.87	-25.87	-26.87	-27.87	-28.87	-29.87	-30.87	-31.87	-32.87	-33.87	-34.87	-35.87	-36.87
1250	-18.70	-19.67	-20.67	-21.67	-22.67	-23.67	-24.67	-25.67	-26.67	-27.67	-28.67	-29.67	-30.67	-31.67	-32.67	-33.67	-34.67	-35.67	-36.67	-37.67	-38.67
1600	-20.60	-21.57	-22.57	-23.57	-24.57	-25.57	-26.57	-27.57	-28.57	-29.57	-30.57	-31.57	-32.57	-33.57	-34.57	-35.57	-36.57	-37.57	-38.57	-39.57	-40.57
2000	-22.60	-23.57	-24.57	-25.57	-26.57	-27.57	-28.57	-29.57	-30.57	-31.57	-32.57	-33.57	-34.57	-35.57	-36.57	-37.57	-38.57	-39.57	-40.57	-41.57	-42.57
2500	-24.70	-25.67	-26.67	-27.67	-28.67	-29.67	-30.67	-31.67	-32.67	-33.67	-34.67	-35.67	-36.67	-37.67	-38.67	-39.67	-40.67	-41.67	-42.67	-43.67	-44.67
3150	-26.90	-27.87	-28.87	-29.87	-30.87	-31.87	-32.87	-33.87	-34.87	-35.87	-36.87	-37.87	-38.87	-39.87	-40.87	-41.87	-42.87	-43.87	-44.87	-45.87	-46.87
4000	-29.20	-30.17	-31.17	-32.17	-33.17	-34.17	-35.17	-36.17	-37.17	-38.17	-39.17	-40.17	-41.17	-42.17	-43.17	-44.17	-45.17	-46.17	-47.17	-48.17	-49.17
5000	-31.60	-32.57	-33.57	-34.57	-35.57	-36.57	-37.57	-38.57	-39.57	-40.57	-41.57	-42.57	-43.57	-44.57	-45.57	-46.57	-47.57	-48.57	-49.57	-50.57	-51.57
6300	-34.10	-35.07	-36.07	-37.07	-38.07	-39.07	-40.07	-41.07	-42.07	-43.07	-44.07	-45.07	-46.07	-47.07	-48.07	-49.07	-50.07	-51.07	-52.07	-53.07	-54.07
8000	-36.70	-37.67	-38.67	-39.67	-40.67	-41.67	-42.67	-43.67	-44.67	-45.67	-46.67	-47.67	-48.67	-49.67	-50.67	-51.67	-52.67	-53.67	-54.67	-55.67	-56.67
10000	-39.40	-40.37	-41.37	-42.37	-43.37	-44.37	-45.37	-46.37	-47.37	-48.37	-49.37	-50.37	-51.37	-52.37	-53.37	-54.37	-55.37	-56.37	-57.37	-58.37	-59.37

ANGLE IMPV 82.28
 ST-8-LS TEMP 60.80
 BAR PRESSURE 29.85
 ABS. HUMIDITY 13.21

SCALE MODEL ACOUSTIC TEST T/O 6/28/69 R/D 9/3/69-3
 RUN# 80016 SPEED=7000

DATE: 9/23/69

RADIAL DISTANCE 152

PAGE: 1

SCW 3 PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ:	2.0	18.2	24.2	37.7	47.7	50.7	62.6	79.7	87.3	92.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2		
57	75.94	75.00	76.14	76.30	76.59	79.41	88.66	81.35												138.4	
63	74.95	75.02	77.34	78.45	79.72	81.09	82.35														138.7
69	75.94	75.99	76.22	77.72	78.38	80.32	81.62	83.22													139.0
102	74.78	75.25	77.38	78.35	79.23	81.33	83.33														139.3
125	75.78	77.13	78.94	79.34	81.63	85.14	89.52	83.22													139.6
144	73.05	74.20	75.79	77.16	78.59	80.82	81.22	81.84													139.9
223	73.03	71.90	73.15	74.42	75.13	75.92	76.39	76.94													140.2
283	72.35	72.81	74.97	74.35	76.81	74.39	76.17	77.88													140.5
319	75.44	74.78	74.81	75.36	76.85	78.28	79.68	81.49													140.8
423	75.32	75.16	78.88	79.32	81.21	82.15	83.83	86.28													141.1
573	79.29	78.93	85.99	81.39	83.43	83.89	85.03	87.82													141.4
633	77.27	74.28	88.14	79.08	82.23	81.65	82.53	84.39													141.7
802	79.51	79.11	78.58	81.36	83.26	79.96	82.66	83.31													142.0
1022	83.83	87.64	89.62	88.33	83.96	84.98	83.23	86.73													142.3
1253	91.74	95.17	95.01	96.03	94.03	94.97	93.03	92.81													142.6
1483	88.88	98.34	102.3	97.44	95.24	97.21	95.21	94.41													142.9
2083	89.43	94.81	98.32	94.88	95.61	98.81	95.19	97.58													143.2
2583	84.72	88.35	89.62	88.09	86.89	86.88	85.43	86.92													143.5
3253	88.42	92.21	93.49	93.39	93.14	93.92	91.13	90.93													143.8
4233	88.44	91.20	89.43	92.43	93.52	88.28	84.62	86.74													144.1
5223	90.42	91.84	88.26	92.25	92.95	91.98	91.4	90.19													144.4
6223	85.44	87.83	87.32	88.38	87.22	88.81	84.81	83.11													144.7
8983	89.83	86.96	84.64	88.93	87.89	86.32	90.88	87.93													145.0
10003	84.98	85.71	84.45	86.84	87.64	89.48	91.63	91.84													145.3

MEASURED GASP
CALCULATED GASP

GAPLI 156.9

AIRIEY TEMP: 82.00
ST-BUS TEMP: 68.00
BAR PRESSURE: 29.32
ABS. HUMIDITY: 13.21

SCALE MODEL ACOUSTIC TEST T/D 8/29/69 R/C 9/3/69-3

RUN#2 RDB#17 SPEED#8837

DATE: 9/3/69

RADIAL DISTANCE 190

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2
51	-1.17	-1.22	-0.959	.9942	1.488	2.383	3.297	4.229											
63	-2.35	-1.48	-0.75	1.2421	1.947	2.415	3.798	4.951											
87	-1.95	-2.28	-1.66	-0.192	1.489	2.416	3.733	5.312											
122	-1.74	-2.76	-1.12	4.338	1.749	2.518	3.812	5.279											
168	-2.51	-2.18	-2.78	3.22	1.331	4.832	3.233	5.233											
207	-2.23	-2.79	-1.29	0.835	2.528	2.989	4.139	4.756											
267	-1.88	-1.91	-0.63	0.283	1.326	1.712	3.581	5.132											
297	-2.78	-1.65	-1.67	0.992	0.511	2.245	3.925	4.919											
315	7.584	4.65	-1.98	0.328	0.632	2.245	3.928	5.234											
427	-1.15	-1.92	-2.41	0.583	0.722	1.671	3.958	5.813											
527	-2.85	-2.48	0.319	0.133	1.223	1.743	3.594	5.884											
637	-2.86	-1.88	0.126	0.949	0.824	2.321	3.282	4.769											
822	-1.972	1.801	-0.525	2.446	2.166	0.538	3.254	3.243											
1027	-1.643	3.938	4.926	1.553	0.717	0.318	3.565	1.654											
1257	-1.714	3.893	3.739	3.982	1.958	0.889	2.224	0.864											
1687	-2.172	1.985	7.525	-0.156	-0.534	-0.586	0.568	-3.18											
2087	-1.87	2.981	5.517	3.871	2.489	-2.20	0.181	-3.53											
2587	-1.25	2.171	5.624	2.716	1.583	0.975	2.416	0.372											
3182	-1.21	2.781	3.861	3.914	1.511	2.848	0.882	0.09											
4027	1.282	3.939	1.956	3.811	2.882	0.667	0.318	0.895											
5177	-0.42	-2.88	-0.58	-1.59	0.933	-1.86	7.554	4.349											
6327	-1.29	1.859	1.918	2.888	2.176	2.186	2.967	2.839											
8027	-1.15	0.783	-1.54	2.682	0.174	1.944	4.478	1.749											
10007	-1.89	-1.88	-2.34	0.893	0.892	2.632	4.934	4.232											

861

AMBIENT TEMP: 62.38
 MET-BALL TEMP: 68.93
 GAS PRESSURE: 29.85
 ABS HUMIDITY: 13.21

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/3/69-3

RUN#2 RFD#17 SPEED#0037

DATE: 6/28/64

RADIAL DISTANCE 150

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	5.8	10.2	21.2	36.8	47.8	56.7	60.0	70.0	82.2	92.2	102.0	115.0	120.0	135.0	140.2	150.2	160.0	170.0	(PUL)
52	70.17	74.93	77.63	79.21	79.43	82.38	83.21	82.84											131.1
63	75.12	76.77	77.97	77.93	79.48	80.38	81.02	81.87											131.4
97	79.56	79.94	77.39	78.48	80.51	81.45	82.72	84.21											132.3
125	79.34	78.78	80.79	81.02	82.55	83.33	84.58	85.34											132.9
162	79.33	78.83	77.78	79.48	80.29	82.82	83.35	84.33											133.2
202	73.44	72.81	72.82	72.88	74.28	74.88	75.81	76.81											132.7
252	73.44	72.80	73.44	72.31	74.54	76.88	75.82	77.46											130.8
315	70.64	72.03	75.11	76.85	78.49	79.38	80.51	82.59											130.9
402	65.73	66.93	70.57	81.42	82.32	83.43	84.92	87.83											130.3
502	80.89	79.99	82.82	82.79	83.34	84.43	85.88	87.82											130.3
638	84.89	87.83	89.78	89.28	84.88	88.88	89.88	89.89											137.7
802	80.78	80.88	80.11	80.89	82.27	80.37	81.63	81.59											141.7
1002	80.15	80.88	83.75	81.56	80.78	80.46	87.89	89.21											141.8
1252	92.33	93.72	92.39	94.71	94.56	91.87	98.79	99.29											138.4
1602	90.12	90.96	90.88	90.73	90.88	91.79	91.89	90.48											140.1
2002	90.73	90.78	90.41	91.46	92.64	90.20	87.86	87.28											140.4
2502	80.58	86.78	88.82	88.18	87.81	88.51	87.94	88.98											138.2
3002	81.44	82.18	82.88	82.98	82.88	82.88	87.38	88.68											140.8
4002	81.58	82.80	80.72	80.81	80.93	80.47	80.82	87.13											143.3
5002	80.58	81.27	80.54	83.25	83.84	82.12	80.53	80.25											140.8
6322	80.18	80.78	81.16	80.19	80.56	80.23	80.64	80.61											138.8
8082	80.18	80.78	80.81	80.12	87.78	80.89	80.79	80.19											138.4
10082	82.19	80.61	80.98	80.18	80.63	80.89	82.87	81.94											142.1

MEASURED OASPL
CALCULATED OASPL
PNDB

OASPL: 130.3

AMBIENT TEMP: 82.68
WET-BULB TEMP: 58.88
BAR. PRESSURE: 29.89
HUM. HUMIDITY: 13.21

SCALE MODEL ACOUSTIC TEST... 1/20 8/28/69... 8/20 9/3/69-2

RUN#2 RDC#14 SP#ED#0254

DATE: 4/08/60

RADIAL DISTANCE 15M

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET																		
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
50	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
63	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
80	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
100	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
125	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
160	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
200	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
250	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
315	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
400	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
500	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
630	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
800	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
1000	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
1250	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
1600	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
2000	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
2500	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
3150	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
4000	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
5000	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
6300	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
8000	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5
10000	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5

AMBIENT TEMP. 62.00
 RET-90L8 TEMP. 60.00
 BAR. PRESSURE 29.85
 ABS. HUMIDITY 33.21

SCALE MODEL ACOUSTIC TEST T/O 0/20/69 R/D 9/3/69-3

RUN#2 R00#10 SP#0000257

RADIAL DISTANCE 122

DATE: 9/24/69

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET															
	0.0	18.0	2.1	32.0	47.0	62.0	72.0	82.0	92.0	102.0	120.0	130.0	140.0	150.0	170.0	(PHL)
52	76.04	77.07	78.27	79.22	80.83	81.85	82.26	83.56								132.0
63	76.13	77.78	78.65	79.07	80.26	81.47	83.14	84.72								132.0
82	75.79	78.12	78.12	79.46	80.96	81.95	83.88	85.86								132.0
108	75.28	78.58	78.41	80.34	81.87	83.82	85.81	87.78								134.0
125	75.13	78.31	78.55	80.87	82.42	84.34	86.23	88.17								134.0
142	75.43	78.32	79.46	80.54	81.95	83.64	85.52	87.56								134.7
202	75.73	73.78	75.03	76.48	77.88	79.64	81.29	83.28								139.7
232	75.14	75.33	75.81	77.06	78.52	80.09	81.87	83.77								132.7
319	77.08	77.24	78.16	79.38	80.82	82.48	84.33	86.38								132.0
488	84.28	82.74	82.12	84.33	83.47	86.57	85.72	88.79								137.5
588	81.71	82.46	84.03	84.38	86.78	85.63	87.48	89.31								137.0
632	80.59	83.22	84.14	84.99	87.24	84.88	86.84	87.98								132.8
828	80.79	81.75	83.78	82.07	85.33	84.93	86.48	88.78								144.8
1208	80.74	80.89	83.72	80.98	84.81	84.99	86.14	87.48								142.0
1688	80.44	81.14	83.33	81.87	85.29	84.41	86.23	88.14								147.1
2288	80.89	81.73	83.48	82.14	85.45	84.73	86.58	88.44								141.3
2928	80.83	80.89	83.96	80.74	84.48	86.21	84.81	87.49								141.7
3158	80.79	81.36	83.27	80.74	84.45	86.01	84.87	86.87								148.9
4288	80.35	80.78	83.22	80.73	84.89	86.11	84.88	87.86								148.1
5287	80.29	80.81	83.54	80.73	84.99	86.44	84.88	87.83								148.9
6382	80.14	80.87	83.28	80.38	84.84	84.93	86.99	87.73								149.8
8882	80.17	80.74	83.33	80.21	84.95	86.28	84.98	88.15								144.4
12282	80.06	80.24	84.38	81.93	84.08	86.38	84.81	87.77								144.1
MEASURED OASPL	122.9	123.0	123.0	123.1	123.4	123.4	123.3	123.4	123.3	123.4	123.3	123.4	123.4	123.3	123.4	123.4
CALCULATED OASPL	123.0	122.8	123.1	123.2	122.3	122.8	123.4	123.4	122.8	123.4	123.4	123.4	123.4	123.4	123.4	123.4
P.O.B	123.0	123.1	123.6	123.3	124.1	123.9	124.2	123.9	124.1	123.9	124.1	124.2	123.9	124.1	124.2	123.9

OASPL 150.2

B84

AMBIENT TEMP. 81.00
 WET-BULB TEMP. 67.00
 BAR. PRESSURE 29.85
 ABS. HUMIDITY 12.00

SCALE MODEL ACOUSTIC TEST T/C 8/28/69 R/C 9/4/69-3

9.182 92019 SPS00824

DATE: 9/24/69

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX
2.0 30.8 30.7 30.1 4.2.0 2.1.2 0.2.2 7.4.7 02.2 02.2 122.0 112.2 122.2 122.0 140.0 122.0 108.0 128.0 (PULL)

FREQ	ANGLES FROM INLET
50	0.451 0.524 1.317 2.329 3.549 4.939
63	0.451 0.524 1.317 2.329 3.549 4.939
80	0.451 0.524 1.317 2.329 3.549 4.939
100	0.451 0.524 1.317 2.329 3.549 4.939
125	0.451 0.524 1.317 2.329 3.549 4.939
160	0.451 0.524 1.317 2.329 3.549 4.939
200	0.451 0.524 1.317 2.329 3.549 4.939
250	0.451 0.524 1.317 2.329 3.549 4.939
315	0.451 0.524 1.317 2.329 3.549 4.939
400	0.451 0.524 1.317 2.329 3.549 4.939
500	0.451 0.524 1.317 2.329 3.549 4.939
630	0.451 0.524 1.317 2.329 3.549 4.939
800	0.451 0.524 1.317 2.329 3.549 4.939
1000	0.451 0.524 1.317 2.329 3.549 4.939
1250	0.451 0.524 1.317 2.329 3.549 4.939
1600	0.451 0.524 1.317 2.329 3.549 4.939
2000	0.451 0.524 1.317 2.329 3.549 4.939
2500	0.451 0.524 1.317 2.329 3.549 4.939
3150	0.451 0.524 1.317 2.329 3.549 4.939
4000	0.451 0.524 1.317 2.329 3.549 4.939
5000	0.451 0.524 1.317 2.329 3.549 4.939
6300	0.451 0.524 1.317 2.329 3.549 4.939
8000	0.451 0.524 1.317 2.329 3.549 4.939
10000	0.451 0.524 1.317 2.329 3.549 4.939

Ambient Temp 81.00
Bubble Temp 87.89
Bar, Pressure 29.89
Ass, Humidity 12.66

SCALE MODEL ACOUSTIC TEST T/D 0/20/69 R/D 9/4/69-3
-AUM-2 450619 SPEED 8524

DATE: 9/14/69

RADIAL DISTANCE . . . 15K.

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	3.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	120.0	150.0	180.0	200.0	(PH)
52	67.82	67.22	69.26	69.27	69.36	70.31	70.59	71.52								121.2
63	65.55	65.10	66.49	66.52	67.19	67.49	68.19	69.05								121.0
82	64.90	64.91	65.41	65.27	67.71	68.72	69.54	70.15								119.3
100	65.14	65.22	67.03	68.10	69.82	70.47	71.01	71.71								121.1
125	63.58	63.88	65.11	65.24	67.54	68.26	69.01	70.15								119.1
160	62.51	63.17	64.94	65.48	67.59	68.19	70.79	70.28								119.4
200	62.60	63.39	66.37	67.62	67.77	67.11	75.02	70.44								121.3
250	61.74	61.55	61.51	60.79	68.07	62.30	61.09	61.09								114.8
315	60.76	60.88	62.52	62.45	63.50	60.41	60.79	60.50								116.1
400	61.36	61.28	60.17	61.14	67.21	61.83	61.37	71.28								122.0
500	61.80	61.21	61.59	61.68	70.00	70.39	71.35	72.65								122.4
632	60.58	61.49	61.25	61.73	70.83	70.44	71.18	72.17								121.5
800	71.11	61.50	67.84	67.84	67.87	68.42	68.40	70.33								120.8
1000	71.13	70.00	70.59	70.65	72.02	70.94	71.52	72.46								120.9
1250	70.18	70.75	74.28	72.96	73.28	73.57	74.09	75.26								120.9
1600	71.10	70.72	75.97	74.83	75.27	75.25	74.90	75.62								120.5
2000	70.77	71.00	74.84	71.70	75.04	75.83	76.51	75.89								120.4
2500	70.74	71.50	72.55	72.09	70.17	70.12	69.48	71.26								121.1
3150	68.93	68.45	68.39	67.93	69.35	69.63	69.99	69.82								120.5
4000	69.17	69.91	62.91	62.19	64.51	60.31	64.78	64.44								120.1
5000	70.10	70.66	70.59	71.92	70.15	70.71	63.20	61.64								120.7
6300	64.64	64.80	61.00	62.67	62.23	65.81	63.64	65.75								120.3
8000	62.74	62.38	71.79	70.61	70.93	62.73	62.92	64.43								127.0
10000	61.52	61.97	71.07	70.77	68.03	60.13	61.30	61.84								127.1

MEASURED: CASPL
CALCULATED: CASPL
P: DB

Ambient Temp: 61.00
Reference Temp: 67.00
Bar. Pressure: 29.24
Atm. Humidity: 12.60

SCALE: NOISE ACOUSTIC TEST T/O 8/28/69 G/C 9/14/69-3

RUN#2 KCO#2 S#6505400

GRAPH: 146.9

RADIAL DISTANCE 150

PAGE 2

SOUND PRESSURE LEVELS CIPRECTIVITY INDEX

DATE: 97-47-09

SCALE: 4.17 2.12 0.62 78.7 92.7 98.7 104.8 112.8 122.8 132.8 142.8 152.8 162.8 172.8 182.8 192.8 202.8

ANGLE FROM INLET

FREQ	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
100	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
200	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
300	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
400	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
500	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
600	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
800	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
900	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
1000	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
1200	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
1500	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
2000	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
2500	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
3000	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
3500	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
4000	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
4500	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
5000	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
5500	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
6000	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
6500	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
7000	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
7500	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
8000	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
8500	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
9000	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
9500	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
10000	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700

AMBIENT TEMP. 85.22
 RETROV. TEMP. 67.20
 BAR. PRESSURE 29.24
 ASS. HUMIDITY 12.60

SCALE MODEL ACOUSTIC TEST T/L 9/28/69 R/D 9/4/69-3

80.82 ROOM 2 SPEED 542

RADIAL DISTANCE 158

DATE: 9/24/69

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	5.0	10.0	20.0	32.0	42.0	52.0	62.0	72.0	82.0	100.0	125.0	158.0	178.0	200.0
	ANGLES FROM INLET													
52	20.9	23.7	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
63	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
82	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
102	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
125	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
158	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
178	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
200	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
250	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
315	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
400	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
500	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
630	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
800	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
1000	21.2	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8

B89

AMBIENT TEMP. 62.80
 WET-BULB TEMP. 67.80
 BAR. PRESSURE 29.84
 ABS. HUMIDITY 12.66

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/D 9/4/69-3
 RUN#2 R00#21 SPEED#573R

DATE: 9/24/69

RADIAL DISTANCE 120

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FAE	1.2	10.2	2.1	32.2	42.7	52.2	62.2	72.2	82.2	92.3	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	
64E	69.74	69.59	69.52	69.50	71.52	71.39	72.39	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13
5A	69.74	69.59	69.52	69.50	71.52	71.39	72.39	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13
65	69.74	69.59	69.52	69.50	71.52	71.39	72.39	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13
66	69.74	69.59	69.52	69.50	71.52	71.39	72.39	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13	73.13
120	68.10	70.78	72.17	75.14	77.31	77.60	76.27	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53
125	68.10	70.78	72.17	75.14	77.31	77.60	76.27	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53	75.53
182	65.12	65.22	66.22	67.29	69.21	69.79	74.15	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83
282	65.12	65.22	66.22	67.29	69.21	69.79	74.15	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83
282	65.12	65.22	66.22	67.29	69.21	69.79	74.15	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83
315	67.38	65.64	65.43	65.62	68.59	69.55	70.85	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82	71.82
422	71.10	71.88	69.28	72.48	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38	72.38
522	72.58	72.86	72.19	72.42	73.82	73.61	73.73	73.91	73.91	73.91	73.91	73.91	73.91	73.91	73.91	73.91	73.91	73.91	73.91	73.91	73.91	73.91
632	71.79	69.88	72.06	71.75	71.59	72.77	73.55	74.27	74.27	74.27	74.27	74.27	74.27	74.27	74.27	74.27	74.27	74.27	74.27	74.27	74.27	74.27
822	73.25	72.24	72.37	70.15	70.76	71.56	72.35	73.01	73.01	73.01	73.01	73.01	73.01	73.01	73.01	73.01	73.01	73.01	73.01	73.01	73.01	73.01
1080	70.15	70.55	74.20	70.73	70.41	70.77	70.20	70.64	70.64	70.64	70.64	70.64	70.64	70.64	70.64	70.64	70.64	70.64	70.64	70.64	70.64	70.64
1250	71.10	71.70	77.23	75.93	75.99	74.28	74.70	74.21	74.21	74.21	74.21	74.21	74.21	74.21	74.21	74.21	74.21	74.21	74.21	74.21	74.21	74.21
1622	68.10	70.32	79.16	77.79	78.62	77.91	78.39	79.08	79.08	79.08	79.08	79.08	79.08	79.08	79.08	79.08	79.08	79.08	79.08	79.08	79.08	79.08
2222	62.28	70.71	70.61	77.61	77.78	77.57	79.73	79.13	79.13	79.13	79.13	79.13	79.13	79.13	79.13	79.13	79.13	79.13	79.13	79.13	79.13	79.13
2522	61.20	69.57	68.22	70.74	70.88	68.25	63.20	62.14	62.14	62.14	62.14	62.14	62.14	62.14	62.14	62.14	62.14	62.14	62.14	62.14	62.14	62.14
3152	65.11	65.95	63.44	63.24	63.47	60.83	61.25	65.88	65.88	65.88	65.88	65.88	65.88	65.88	65.88	65.88	65.88	65.88	65.88	65.88	65.88	65.88
4282	62.82	69.33	69.64	69.25	69.86	69.43	69.82	68.98	68.98	68.98	68.98	68.98	68.98	68.98	68.98	68.98	68.98	68.98	68.98	68.98	68.98	68.98
5222	61.78	62.00	79.39	60.83	61.21	63.18	60.39	64.76	64.76	64.76	64.76	64.76	64.76	64.76	64.76	64.76	64.76	64.76	64.76	64.76	64.76	64.76
6322	63.49	63.51	61.79	62.62	62.44	65.88	66.59	61.96	61.96	61.96	61.96	61.96	61.96	61.96	61.96	61.96	61.96	61.96	61.96	61.96	61.96	61.96
8282	63.97	63.22	61.73	62.14	62.34	63.51	64.79	65.83	65.83	65.83	65.83	65.83	65.83	65.83	65.83	65.83	65.83	65.83	65.83	65.83	65.83	65.83
16282	63.42	63.57	71.61	60.66	60.75	62.66	65.99	69.79	69.79	69.79	69.79	69.79	69.79	69.79	69.79	69.79	69.79	69.79	69.79	69.79	69.79	69.79
MEASURE - CASPL	67.27	67.27	64.21	64.55	65.85	66.36	67.71	67.79	67.79	67.79	67.79	67.79	67.79	67.79	67.79	67.79	67.79	67.79	67.79	67.79	67.79	67.79
CALC. LAYERS CASPL	65.26	65.03	62.68	63.11	63.68	64.33	64.31	64.50	64.50	64.50	64.50	64.50	64.50	64.50	64.50	64.50	64.50	64.50	64.50	64.50	64.50	64.50
MEASURE - CASPL	111.75	111.75	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2

DAPHLI 149.4

AMBIENT TEMP 61.82
 METROLOGICAL TEMP 67.82
 BAR PRESSURE 29.124
 ABS. HUMIDITY 12.65

SCALE MODEL ACOUSTIC TEST T/O 8/28/69 R/D 9/4/69-3
 RUN#2 F-3022 SPEND#6220

RADIAL DISTANCE 150

DATE: 9/14/59

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	145	150	155	160	165	170	175	180	185	190	ANGLES FROM INLET	
											92.2	95.2
62	11.04	1.826	1.895	1.174	2.139	1.982	2.994	3.724				
63	2.177	1.788	1.482	1.204	3.254	1.249	3.616	3.732				
67	2.174	1.25	1.156	1.063	1.954	2.589	3.598	4.488				
82	4.95	2.75	1.37	1.688	3.774	4.161	2.737	1.993				
125	2.13	1.3	1.797	1.001	1.094	2.743	3.484	4.738				
149	2.49	2.86	1.49	1.41	1.919	2.519	3.874	4.354				
202	2.17	2.16	1.824	1.248	1.825	2.954	4.287	6.891				
297	3.254	3.559	1.941	1.486	1.298	2.449	3.851	4.858				
315	1.824	1.776	1.144	1.243	1.722	2.683	3.189	4.159				
432	1.872	3.324	1.27	1.341	1.531	1.818	3.059	4.529				
522	1.784	1.813	1.388	1.27	1.219	2.083	2.924	4.889				
632	1.253	1.788	1.389	1.283	1.287	2.183	2.882	5.339				
807	3.775	2.771	1.999	1.228	1.222	1.786	2.174	2.634				
1292	4.278	1.679	1.427	1.619	1.549	1.972	1.419	2.172				
1882	4.083	2.381	1.086	1.237	1.828	1.994	1.299	1.789				
2682	3.986	2.189	1.884	1.948	1.451	1.413	1.209	1.984				
2882	2.121	2.883	1.788	1.884	1.788	1.438	2.149	2.829				
2988	2.428	1.383	1.838	1.419	1.894	1.888	4.111	2.987				
3192	1.994	1.739	2.199	1.836	2.916	2.818	3.828	2.866				
4082	2.959	2.679	1.41	1.996	1.387	5.176	1.564	2.889				
5282	3.419	1.851	2.19	1.14	1.236	1.989	5.264	3.879				
6322	1.439	1.888	1.13	1.132	1.493	2.286	3.843	4.813				
8082	2.936	3.183	1.126	1.499	1.993	1.762	3.882	2.898				
13882	1.882	1.748	2.158	1.46	1.156	1.888	1.883	7.434				

891

AMBIENT TEMP 61.26
 REFRIG TEMP 57.82
 BAR PRESSURE 29.24
 ABS HUMIDITY 12.66

SCALE NOBEL ACOUSTIC TEST T/U 8/26/69 R/D 9/4/69-3
 RUVEZ RD822 SPEED 6328

DATE: 9/24/69

RADIAL DISTANCE 135

PAGE: 1

SOIL PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0
52	69.15	69.95	70.12	70.85	71.98	71.99	72.92	73.66	73.66	73.66	73.66	73.66	73.66	73.66	73.66	73.66	73.66	73.66	73.66	73.66
63	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95	69.95
82	67.73	67.07	69.27	70.88	71.59	72.57	73.70	73.70	73.70	73.70	73.70	73.70	73.70	73.70	73.70	73.70	73.70	73.70	73.70	73.70
122	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33	72.33
129	67.89	68.86	72.49	71.49	72.49	73.28	74.33	74.33	74.33	74.33	74.33	74.33	74.33	74.33	74.33	74.33	74.33	74.33	74.33	74.33
167	65.38	65.85	66.96	69.93	70.18	70.52	71.99	72.58	72.58	72.58	72.58	72.58	72.58	72.58	72.58	72.58	72.58	72.58	72.58	72.58
202	64.37	64.38	66.92	72.22	67.42	68.61	70.64	70.12	70.12	70.12	70.12	70.12	70.12	70.12	70.12	70.12	70.12	70.12	70.12	70.12
290	63.64	63.39	63.54	62.86	63.98	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48
315	63.23	67.24	66.23	66.82	68.42	70.88	71.19	72.15	72.15	72.15	72.15	72.15	72.15	72.15	72.15	72.15	72.15	72.15	72.15	72.15
402	72.74	71.87	69.71	70.97	72.84	72.87	73.65	74.89	74.89	74.89	74.89	74.89	74.89	74.89	74.89	74.89	74.89	74.89	74.89	74.89
502	72.15	72.88	72.64	73.84	73.89	74.15	75.16	76.75	76.75	76.75	76.75	76.75	76.75	76.75	76.75	76.75	76.75	76.75	76.75	76.75
532	71.75	70.93	72.88	73.35	72.74	73.43	73.82	74.93	74.93	74.93	74.93	74.93	74.93	74.93	74.93	74.93	74.93	74.93	74.93	74.93
582	70.95	72.99	70.92	70.71	71.21	71.88	72.99	73.87	73.87	73.87	73.87	73.87	73.87	73.87	73.87	73.87	73.87	73.87	73.87	73.87
602	70.85	70.97	70.97	70.87	70.59	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87
622	70.38	70.48	70.56	70.53	70.88	70.74	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88
1002	68.82	68.38	70.74	70.78	70.42	70.58	70.31	70.31	70.31	70.31	70.31	70.31	70.31	70.31	70.31	70.31	70.31	70.31	70.31	70.31
2002	71.88	68.14	70.31	70.12	70.61	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84
2502	69.84	61.16	62.83	70.82	69.89	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69	68.69
3102	69.86	69.31	64.21	63.94	64.26	65.17	65.82	66.97	66.97	66.97	66.97	66.97	66.97	66.97	66.97	66.97	66.97	66.97	66.97	66.97
4202	69.45	69.06	61.33	61.46	61.23	61.23	61.23	61.23	61.23	61.23	61.23	61.23	61.23	61.23	61.23	61.23	61.23	61.23	61.23	61.23
5202	69.56	62.48	60.69	61.78	61.92	63.86	63.86	63.86	63.86	63.86	63.86	63.86	63.86	63.86	63.86	63.86	63.86	63.86	63.86	63.86
6302	69.73	64.94	64.72	63.38	63.56	63.56	63.56	63.56	63.56	63.56	63.56	63.56	63.56	63.56	63.56	63.56	63.56	63.56	63.56	63.56
8002	69.49	69.38	62.22	63.18	63.46	63.82	63.82	63.82	63.82	63.82	63.82	63.82	63.82	63.82	63.82	63.82	63.82	63.82	63.82	63.82
10002	69.88	61.99	70.96	61.78	61.34	63.71	64.33	64.33	64.33	64.33	64.33	64.33	64.33	64.33	64.33	64.33	64.33	64.33	64.33	64.33
MEASURED CASPL	92.60	90.82	95.94	95.96	96.25	97.89	97.89	97.89	97.89	97.89	97.89	97.89	97.89	97.89	97.89	97.89	97.89	97.89	97.89	97.89
CALCULATED CASPL	93.56	97.89	94.94	94.94	94.94	94.94	94.94	94.94	94.94	94.94	94.94	94.94	94.94	94.94	94.94	94.94	94.94	94.94	94.94	94.94
CALCULATED P.D.B	131.1	112.7	118.1	100.0	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7

892

CAP: 149.0

CAP: 149.0

AMBIENT TEMP 61.88
 WET-BULB TEMP 67.22
 BAR. PRESSURE 29.24
 ABS. HUMIDITY 12.66

SCALE MODEL ACUSTIC TEST T/U 8/22/69 R/D 9/A/69-3
 RUN# 80023 SPEC#0102

DATE: 9/24/69

RADIAL DISTANCE 150

PAGE: 3

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE FROM INLET	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
00	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
05	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
10	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
15	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
20	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
25	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
30	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
35	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
40	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
45	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
50	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
55	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
60	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
65	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
70	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
75	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
80	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
85	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
90	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
95	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
100	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
105	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
110	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
115	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
120	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
125	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
130	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
135	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
140	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
145	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072
150	1076	1082	1092	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072	1077	1072

AMBIENT TEMP 81.22
 ATMO. PRESS 29.64
 HUMIDITY 12.66
 SCALE MODE, ACC. STIC TEST T/C 8/28/69 R/D 9/4/69-3
 40782 40823 SPEE:00152

DATE: 9/14/69

RADIAL DISTANCE 152

PAGE: 1

SOIL PRESSURE LEVELS REDUCED AT STANDARD DAY

DEPTH	30	30.2	30.4	30.6	30.8	31.0	31.2	31.4	31.6	31.8	32.0	32.2	32.4	32.6	32.8	33.0	33.2	33.4	33.6	33.8	34.0	34.2	34.4	34.6	34.8	35.0	35.2	35.4	35.6	35.8	36.0	36.2	36.4	36.6	36.8	37.0	37.2	37.4	37.6	37.8	38.0	38.2	38.4	38.6	38.8	39.0	39.2	39.4	39.6	39.8	40.0																																																																																																																																																																	
MEAS.	74.49	71.41	71.95	72.76	73.19	73.22	74.18	74.03	74.96	78.67	71.41	73.42	72.45	74.50	74.36	75.77	78.81	74.41	71.79	72.63	73.84	75.85	69.48	71.83	72.45	76.33	78.46	78.78	77.33	74.33	68.34	69.19	78.67	72.46	74.36	74.82	75.86	75.32	67.67	69.27	76.71	71.41	72.11	73.33	74.03	66.38	65.20	67.16	66.57	69.95	71.48	74.94	72.33	64.18	65.82	64.67	64.81	65.59	67.45	67.99	66.24	69.37	68.55	67.77	67.74	68.75	70.53	71.16	73.81	72.61	72.76	78.35	72.12	72.99	73.87	73.54	77.85	73.99	73.48	73.66	74.39	74.78	75.42	76.61	76.12	72.33	72.20	73.93	74.48	74.29	75.22	76.02	74.62	73.88	72.96	72.74	71.31	71.88	72.75	73.68	74.49	78.82	77.42	78.41	77.09	75.59	76.82	77.89	77.94	79.78	79.89	78.17	77.07	77.74	79.84	78.56	79.33	65.61	61.99	68.17	70.34	70.74	76.15	76.77	78.77	79.81	78.31	78.25	78.45	78.60	80.93	78.34	88.39	88.70	84.29	88.34	88.93	83.35	84.19	86.88	84.17	84.34	84.32	84.22	84.33	85.63	86.09	86.21	91.87	93.76	98.61	91.93	92.31	91.91	88.72	89.12	82.28	83.88	81.14	82.52	82.82	84.27	84.48	88.80	84.14	85.83	88.14	89.23	88.23	84.95	87.19	88.42	84.17	85.84	82.37	83.62	83.21	84.62	88.95	89.69	82.20	82.25	88.97	82.59	82.27	84.60	86.27	83.37	98.71	97.77	98.34	97.17	98.89	98.38	98.18	98.35	95.28	96.36	94.55	95.89	95.94	97.81	98.99	98.73	112.8	111.9	109.9	111.2	111.1	111.6	118.3	118.7

0.00000 158.1

MEASURED CASPL
CALCULATED CASPL
AVDR

AIRWAY TEMP 61.82
REFLECTOR TEMP 67.89
WALL PRESSURE 29.24
AIR HUMIDITY 32.66

SCALE MODEL ACOUSTIC TEST T/C 8/28/69 R/C 9/14/69-3

RUN#2 RUN#24 SPEED#6457

RADIAL DISTANCE 154

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	162	172	182	192	202	212	222	232	242	252	262	272	282	292	302	312	322	332	342	352	362	372	382	392	402	412	422	432	442	452	462	472	482	492	502																																																																																																																																																																																																																																																											
	1457	1487	1517	1547	1577	1607	1637	1667	1697	1727	1757	1787	1817	1847	1877	1907	1937	1967	1997	2027	2057	2087	2117	2147	2177	2207	2237	2267	2297	2327	2357	2387	2417	2447	2477	2507	2537	2567	2597	2627	2657	2687	2717	2747	2777	2807	2837	2867	2897	2927	2957	2987	3017	3047	3077	3107	3137	3167	3197	3227	3257	3287	3317	3347	3377	3407	3437	3467	3497	3527	3557	3587	3617	3647	3677	3707	3737	3767	3797	3827	3857	3887	3917	3947	3977	4007	4037	4067	4097	4127	4157	4187	4217	4247	4277	4307	4337	4367	4397	4427	4457	4487	4517	4547	4577	4607	4637	4667	4697	4727	4757	4787	4817	4847	4877	4907	4937	4967	4997	5027	5057	5087	5117	5147	5177	5207	5237	5267	5297	5327	5357	5387	5417	5447	5477	5507	5537	5567	5597	5627	5657	5687	5717	5747	5777	5807	5837	5867	5897	5927	5957	5987	6017	6047	6077	6107	6137	6167	6197	6227	6257	6287	6317	6347	6377	6407	6437	6467	6497	6527	6557	6587	6617	6647	6677	6707	6737	6767	6797	6827	6857	6887	6917	6947	6977	7007	7037	7067	7097	7127	7157	7187	7217	7247	7277	7307	7337	7367	7397	7427	7457	7487	7517	7547	7577	7607	7637	7667	7697	7727	7757	7787	7817	7847	7877	7907	7937	7967	7997	8027	8057	8087	8117	8147	8177	8207	8237	8267	8297	8327	8357	8387	8417	8447	8477	8507	8537	8567	8597	8627	8657	8687	8717	8747	8777	8807	8837	8867	8897	8927	8957	8987	9017	9047	9077	9107	9137	9167	9197	9227	9257	9287	9317	9347	9377	9407	9437	9467	9497	9527	9557	9587	9617	9647	9677	9707	9737	9767	9797	9827	9857	9887	9917	9947	9977	10007

AIRWAY TEMP. 51.10
 AIRWAY TEMP. 67.30
 BAR. PRESSURE 29.24
 AIR HUMIDITY 12.60

SCALE MODEL ACOUSTIC TEST T/L 8/28/69 R/O 9/4/69-3

6412 46324 SPREU6667

DATE: 9/04/69

RADIAL DISTANCE 126

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	ANGLE FROM 1/111		ANGLE FROM 1/111		126.0	138.2	146.7	152.2	158.8	166.0 (PUL)
	0.8	18.6	21.2	38.2						
50	73.25	71.25	71.25	71.25	73.51	75.68	73.97	75.23	75.42	125.7
63	72.29	71.23	71.77	73.88	76.17	73.39	74.78	75.05	75.05	125.9
82	71.59	69.72	72.46	72.24	74.62	73.91	75.63	74.74	75.48	125.8
125	71.18	70.25	72.88	75.21	74.78	77.12	75.61	77.12	77.12	127.3
162	70.86	69.72	73.72	74.89	76.26	75.74	75.77	76.51	76.51	128.3
202	69.35	68.52	74.27	71.94	73.17	73.16	74.32	74.95	74.95	124.4
282	68.47	68.49	68.76	69.71	71.42	71.68	72.67	73.94	73.94	122.9
322	68.29	65.74	68.64	65.61	67.78	68.58	68.92	70.21	70.21	122.7
315	68.22	68.73	68.34	68.83	68.22	70.37	72.24	72.48	72.48	122.1
482	73.12	72.31	72.17	71.88	73.12	73.67	72.61	72.84	72.84	126.2
522	73.12	73.09	73.61	74.78	75.51	75.53	77.23	78.82	78.82	128.1
532	74.45	72.77	74.94	75.85	75.83	75.77	77.05	77.61	77.61	127.2
882	74.24	72.25	72.15	71.88	72.18	73.88	73.84	74.89	74.89	125.3
1722	73.17	77.25	75.88	76.99	76.26	77.88	77.49	78.27	78.27	131.2
1258	76.49	78.19	78.59	77.08	76.31	78.04	78.73	79.53	79.53	131.2
1682	81.88	81.83	79.43	79.32	79.72	79.88	78.98	80.24	80.24	132.2
2282	71.19	71.79	72.32	78.38	78.84	78.14	80.12	79.84	79.84	132.2
2982	81.66	81.97	80.65	88.99	89.57	81.99	85.43	83.28	83.28	134.9
3152	81.72	85.28	84.89	84.42	84.88	86.17	86.74	86.09	86.09	138.0
4282	91.73	94.28	91.72	93.27	93.38	93.41	93.28	93.18	93.18	141.4
5287	83.67	85.73	84.84	83.84	84.12	85.21	85.31	85.79	85.79	138.7
6382	84.77	85.12	84.37	87.36	84.42	84.78	85.48	87.04	87.04	141.5
8282	81.58	86.73	85.37	84.59	84.38	85.51	85.48	87.79	87.79	141.6
10288	83.07	83.14	79.62	82.99	82.89	84.64	84.12	89.36	89.36	144.6
MEASURED CASPL	97.91	98.75	95.12	97.89	98.52	99.88	96.65	98.88	98.88	
CALCULATED CASPL	94.51	97.38	94.79	96.38	97.29	97.79	97.29	97.39	97.39	
P/100	112.2	112.9	110.5	111.9	112.4	112.8	111.8	111.4	111.4	

896

0APHL1 25819

AMBIENT TEMP 83.88
 REFERENCE TEMP 68.00
 BAR PRESSURE 29.94
 ABS. HUMIDITY 12.93

SCALE MODEL ACOUSTIC TEST T/D 8/28/69 R/C 6/4/69-3

RUN#2 H20#25 SPE#00666J

RADIAL DISTANCE 154

DATE: 9/7/69

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	ANGLES FROM INLET											
	0	15	30	45	60	75	90	105	120	135	150	165
50	117.3	118.5	119.0	119.5	120.0	120.5	121.0	121.5	122.0	122.5	123.0	123.5
63	117.0	118.0	118.5	119.0	119.5	120.0	120.5	121.0	121.5	122.0	122.5	123.0
80	116.5	117.5	118.0	118.5	119.0	119.5	120.0	120.5	121.0	121.5	122.0	122.5
100	116.0	117.0	117.5	118.0	118.5	119.0	119.5	120.0	120.5	121.0	121.5	122.0
125	115.5	116.5	117.0	117.5	118.0	118.5	119.0	119.5	120.0	120.5	121.0	121.5
150	115.0	116.0	116.5	117.0	117.5	118.0	118.5	119.0	119.5	120.0	120.5	121.0
175	114.5	115.5	116.0	116.5	117.0	117.5	118.0	118.5	119.0	119.5	120.0	120.5
200	114.0	115.0	115.5	116.0	116.5	117.0	117.5	118.0	118.5	119.0	119.5	120.0
225	113.5	114.5	115.0	115.5	116.0	116.5	117.0	117.5	118.0	118.5	119.0	119.5
250	113.0	114.0	114.5	115.0	115.5	116.0	116.5	117.0	117.5	118.0	118.5	119.0
275	112.5	113.5	114.0	114.5	115.0	115.5	116.0	116.5	117.0	117.5	118.0	118.5
300	112.0	113.0	113.5	114.0	114.5	115.0	115.5	116.0	116.5	117.0	117.5	118.0
325	111.5	112.5	113.0	113.5	114.0	114.5	115.0	115.5	116.0	116.5	117.0	117.5
350	111.0	112.0	112.5	113.0	113.5	114.0	114.5	115.0	115.5	116.0	116.5	117.0
375	110.5	111.5	112.0	112.5	113.0	113.5	114.0	114.5	115.0	115.5	116.0	116.5
400	110.0	111.0	111.5	112.0	112.5	113.0	113.5	114.0	114.5	115.0	115.5	116.0
425	109.5	110.5	111.0	111.5	112.0	112.5	113.0	113.5	114.0	114.5	115.0	115.5
450	109.0	110.0	110.5	111.0	111.5	112.0	112.5	113.0	113.5	114.0	114.5	115.0
475	108.5	109.5	110.0	110.5	111.0	111.5	112.0	112.5	113.0	113.5	114.0	114.5
500	108.0	109.0	109.5	110.0	110.5	111.0	111.5	112.0	112.5	113.0	113.5	114.0
525	107.5	108.5	109.0	109.5	110.0	110.5	111.0	111.5	112.0	112.5	113.0	113.5
550	107.0	108.0	108.5	109.0	109.5	110.0	110.5	111.0	111.5	112.0	112.5	113.0
575	106.5	107.5	108.0	108.5	109.0	109.5	110.0	110.5	111.0	111.5	112.0	112.5
600	106.0	107.0	107.5	108.0	108.5	109.0	109.5	110.0	110.5	111.0	111.5	112.0
625	105.5	106.5	107.0	107.5	108.0	108.5	109.0	109.5	110.0	110.5	111.0	111.5
650	105.0	106.0	106.5	107.0	107.5	108.0	108.5	109.0	109.5	110.0	110.5	111.0
675	104.5	105.5	106.0	106.5	107.0	107.5	108.0	108.5	109.0	109.5	110.0	110.5
700	104.0	105.0	105.5	106.0	106.5	107.0	107.5	108.0	108.5	109.0	109.5	110.0
725	103.5	104.5	105.0	105.5	106.0	106.5	107.0	107.5	108.0	108.5	109.0	109.5
750	103.0	104.0	104.5	105.0	105.5	106.0	106.5	107.0	107.5	108.0	108.5	109.0
775	102.5	103.5	104.0	104.5	105.0	105.5	106.0	106.5	107.0	107.5	108.0	108.5
800	102.0	103.0	103.5	104.0	104.5	105.0	105.5	106.0	106.5	107.0	107.5	108.0
825	101.5	102.5	103.0	103.5	104.0	104.5	105.0	105.5	106.0	106.5	107.0	107.5
850	101.0	102.0	102.5	103.0	103.5	104.0	104.5	105.0	105.5	106.0	106.5	107.0
875	100.5	101.5	102.0	102.5	103.0	103.5	104.0	104.5	105.0	105.5	106.0	106.5
900	100.0	101.0	101.5	102.0	102.5	103.0	103.5	104.0	104.5	105.0	105.5	106.0
925	99.5	100.5	101.0	101.5	102.0	102.5	103.0	103.5	104.0	104.5	105.0	105.5
950	99.0	100.0	100.5	101.0	101.5	102.0	102.5	103.0	103.5	104.0	104.5	105.0
975	98.5	99.5	100.0	100.5	101.0	101.5	102.0	102.5	103.0	103.5	104.0	104.5
1000	98.0	99.0	99.5	100.0	100.5	101.0	101.5	102.0	102.5	103.0	103.5	104.0

B97

AMBIENT TEMP 53.00
 RET-300 TEMP 50.00
 BAR. PRESSURE 29.40
 ABS. HUMIDITY 12.00

SCALE MODEL ACOUSTIC TEST T/D 0/20/69 R/D 9/4/69-3

60762 H0025 SPEED=6023

DATE: 4/15/69

RACIAL DISTANCE 132

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ:	40.0	50.0	63.0	80.0	100.0	125.0	160.0	200.0	250.0	315.0	400.0	500.0	630.0	800.0	1000.0	1250.0	1600.0	2000.0	2500.0	3150.0	4000.0	5000.0	6300.0	8000.0	10000.0				
52:	71.59	72.59	73.71	74.42	75.12	74.99	75.74	76.69																					
63:	72.11	72.49	73.23	73.90	74.77	74.65	75.42	76.91																					
80:	69.15	70.07	71.40	72.45	74.06	74.74	75.82	77.10																					
100:	68.13	72.41	73.32	74.51	76.10	76.88	78.49	78.81																					
125:	69.19	74.75	75.42	76.45	79.61	78.49	76.75	79.29																					
160:	58.12	69.03	72.45	71.79	73.69	73.50	74.85	75.89																					
200:	67.12	67.24	67.97	69.59	70.17	72.48	72.51	73.59																					
250:	64.15	67.06	68.01	69.22	67.98	68.59	73.11	72.17																					
315:	78.07	78.82	69.16	69.48	71.14	72.43	73.49	74.92																					
400:	73.15	73.54	72.39	73.84	75.85	75.08	77.62	79.43																					
500:	76.13	74.62	73.19	73.93	76.43	76.81	78.93	80.41																					
630:	73.14	73.11	72.57	72.21	75.82	75.93	77.48	78.22																					
800:	74.15	73.12	72.56	73.49	73.04	74.24	75.28	76.81																					
1000:	78.15	77.14	77.97	77.52	76.94	77.65	78.48	79.87																					
1250:	76.14	77.93	77.93	77.54	77.85	77.66	78.29	79.08																					
1600:	76.14	81.33	79.15	78.73	78.74	79.16	78.98	80.28																					
2000:	78.19	78.94	77.82	77.53	76.34	78.33	79.72	79.54																					
2500:	79.19	80.48	80.37	79.98	80.41	81.46	83.96	83.11																					
3150:	83.10	84.57	83.78	84.13	84.53	85.87	86.31	86.82																					
4000:	92.13	90.19	91.12	91.87	92.89	93.20	93.98	94.86																					
5000:	88.11	88.88	88.82	88.88	87.84	88.39	88.15	87.19																					
6300:	83.13	83.28	84.19	84.82	88.19	91.88	90.80	91.21																					
8000:	84.14	85.87	83.36	83.34	83.36	87.38	89.28	89.23																					
10000:	82.12	83.41	81.30	81.80	83.03	85.71	87.28	89.52																					

MEASURED CASPL
CALCULATED CASPL
R/D

AIR TEMP: 83.22
WET-BULB TEMP: 68.02
REL. HUMIDITY: 29.64
ABS. HUMIDITY: 12.93

SCALE MODEL ACOUSTIC TEST T/J 0/20/69 R/U 9/5/69-3

RUN# R7025 SPEE#0654

0APML1 15919

ANGLE FROM I, LBT

5.6 34.8 37.8 53.2 72.2 92.2 109.8 129.2 152.2 179.2 194.2 209.2 230.0 (PUB)

PNEC	SOUND PRESSURE LEVEL	DIRECTIVITY INDEX
50	-1.74	1.442
55	-2.19	1.360
60	-2.74	1.282
65	-3.39	1.208
70	-4.04	1.138
75	-4.69	1.072
80	-5.34	1.010
85	-5.99	0.952
90	-6.64	0.898
95	-7.29	0.848
100	-7.94	0.802
105	-8.59	0.760
110	-9.24	0.722
115	-9.89	0.688
120	-10.54	0.660
125	-11.19	0.636
130	-11.84	0.616
135	-12.49	0.598
140	-13.14	0.582
145	-13.79	0.568
150	-14.44	0.556
155	-15.09	0.546
160	-15.74	0.538
165	-16.39	0.532
170	-17.04	0.528
175	-17.69	0.526
180	-18.34	0.526
185	-18.99	0.528
190	-19.64	0.532
195	-20.29	0.538
200	-20.94	0.546
205	-21.59	0.556
210	-22.24	0.568
215	-22.89	0.582
220	-23.54	0.598
225	-24.19	0.616
230	-24.84	0.636
235	-25.49	0.658
240	-26.14	0.682
245	-26.79	0.708
250	-27.44	0.736
255	-28.09	0.766
260	-28.74	0.798
265	-29.39	0.832
270	-30.04	0.868
275	-30.69	0.906
280	-31.34	0.946
285	-31.99	0.988
290	-32.64	1.032
295	-33.29	1.078
300	-33.94	1.126

ANGLE FROM I, LBT
 SOUND PRESSURE LEVEL
 DIRECTIVITY INDEX
 SCALE MODEL ACOUSTIC TEST - 1/ 9/20/69 R/O 9/2/69-3
 4202 4202-4 SPEU66:4

RACIAL DISTANCE 15%

SCALE PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	14,8	2	32,2	41,2	54,7	67,2	78,2	87,2	97,2	107,2	117,2	122,2	132,2	142,2	152,2	162,2	170,2	(PWL)
5	74,9	72,59	73,33	73,99	75,27	75,49	76,49	77,44										126,5
63	74,37	72,39	73,23	73,44	75,12	75,25	76,75	77,31										126,4
81	74,79	72,99	71,24	72,55	74,33	75,25	76,81	77,94										126,3
127	74,31	71,99	73,82	74,88	76,28	76,99	77,92	79,56										127,9
125	71,59	74,83	76,75	78,09	80,13	79,42	79,45	81,67										130,5
107	68,75	69,46	72,67	72,24	73,69	74,19	75,53	76,49										125,5
227	55,41	67,42	58,67	69,74	70,73	71,31	72,81	74,16										122,9
257	62,21	68,43	68,69	66,50	68,42	70,34	72,38	72,84										122,1
315	74,35	78,65	78,66	76,71	71,85	73,51	74,82	76,57										125,8
482	74,33	73,97	73,82	74,78	76,46	76,87	78,89	80,89										129,8
522	70,77	75,22	76,24	76,68	77,74	77,67	79,39	81,54										128,3
632	74,69	75,81	76,59	76,81	76,22	76,31	77,68	78,34										128,9
802	74,16	73,86	73,47	73,68	74,82	74,61	75,76	76,96										127,1
1227	73,21	79,34	79,86	79,34	78,38	79,74	78,99	79,82										131,9
1257	68,69	79,45	79,53	79,45	78,23	79,55	79,16	79,86										131,9
1622	82,71	81,25	82,59	79,80	82,85	79,63	79,69	81,11										132,2
2022	78,71	78,49	78,22	77,71	78,65	78,51	79,99	79,89										131,7
2522	80,73	82,76	82,85	82,55	82,84	81,71	83,99	83,84										134,7
3252	84,76	89,17	85,22	85,18	85,56	86,41	86,69	86,37										138,9
4227	92,50	93,52	92,54	92,12	91,31	91,19	89,48	88,46										145,1
5222	89,13	94,25	87,34	86,93	88,08	88,37	89,84	88,82										142,6
6322	85,11	84,82	85,22	86,91	91,52	84,38	89,28	92,73										144,5
8227	85,47	86,89	83,38	85,71	86,47	87,79	89,78	90,49										142,8
12227	84,124	84,55	82,72	84,92	85,18	86,97	88,72	90,82										143,4

MEASURED CASPL
 CALCULATED CASPL
 P/OB

AIRBILT TEMP 81.80
 METEOROL TEMP 81.20
 BAR PRESSURE 30.14
 ABS HUMIDITY 12.93

SCALE MODEL ACOUSTIC TEST T/U 8/28/69 R/D 8/5/69-3

RUN 2 409627 SREBU0694

CAPPL 152,6

CASE 9/19/69

RACIAL DISTANCE 152

PAGE 2

SCALE PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE FROM I LEFT	92.0	102.0	112.0	122.0	130.0	140.0	150.0	160.0	170.0	(PWL)
1.15	-1645	2052	1723	2.027	2.257	3.251	4.199			
2.30	-1680	1436	3581	2.039	2.105	3.061	4.223			
3.45	-1.89	-1.62	-291	1.493	2.412	3.909	5.103			
4.60	2.42	-1.77	1633	1.803	2.595	3.428	5.167			
5.75	2.17	-1.236	1.200	1.138	2.420	3.482	4.899			
6.90	2.28	-1.879	1.4912	1.945	2.447	3.785	4.743			
8.05	2.83	-1.523	1.925	1.461	2.262	3.562	4.933			
9.20	1.72	1.645	1.612	1.203	2.345	1.959	3.921	4.259		
10.35	-1.585	2.117	-1.527	1.649	2.874	3.383	5.336			
11.50	-1.21	-2.133	-1.597	1.868	1.695	3.722	5.722			
12.65	-1.13	1.138	1.213	1.301	1.388	3.818	5.162			
13.80	-1.789	1.649	1.875	1.282	1.574	2.749	3.483			
14.95	1.692	1.475	1.626	1.23	1.627	2.792	3.957			
16.10	1.788	1.253	1.789	1.556	2.185	1.438	2.274			
17.25	1.784	1.664	1.798	1.383	1.888	1.92	1.981			
18.40	2.153	1.942	1.151	1.396	1.729	1.842	2.459			
19.55	1.595	1.116	1.213	1.54	1.432	2.806	3.586			
20.70	1.775	1.553	1.585	1.642	1.714	3.905	3.947			
21.85	1.162	1.031	1.172	1.581	2.395	2.61	2.359			
23.00	3.123	1.733	2.384	1.445	1.387	1.327	1.656			
24.15	3.174	1.279	1.959	1.808	1.381	1.991	1.545			
25.30	-3.2	-3.77	-3.19	-2.27	3.12	5.995	6.61	2.348		
26.45	3.339	2.13	2.247	1.158	2.833	4.842	1.748			
27.60	-1.525	-1.525	-1.525	-1.525	1.009	3.608	5.141			

5342
 5512
 20.24
 12.93

SCALE WDFL ACOUSTIC TEST 7/1 8/28/59 R/D 9/5/65-3

RJ12 R-3827 SPED0694

SOUL PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	18.0	21.7	32.0	42.2	52.3	67.2	77.0	87.7	ANGLES FROM CENTER	120.0	132.0	144.0	150.2	162.2	170.0 (PUL)
57	75.12	74.35	75.69	75.82	77.70	77.58	78.07	86.47		120.0					120.0
58	77.22	77.24	77.30	77.30	77.64	78.26	79.00	86.36		120.1					120.2
59	74.30	73.95	74.51	75.57	77.14	77.90	79.00	81.10		120.3					120.4
60	73.33	73.25	73.33	73.94	74.82	75.12	80.52	84.01		120.5					120.6
61	73.14	70.47	68.34	61.74	62.75	61.99	64.35	63.77		120.7					120.8
62	72.21	72.32	73.89	75.31	76.75	77.19	78.90	86.11		120.9					121.0
63	71.67	70.52	71.05	73.36	73.88	74.19	76.23	77.64		121.1					121.2
64	70.27	69.41	71.52	69.89	70.87	72.31	74.03	74.20		121.3					121.4
65	70.21	72.11	71.97	72.25	74.35	75.52	71.94	77.96		121.5					121.6
66	70.18	70.37	73.35	77.22	76.20	74.20	81.32	83.89		121.7					121.8
67	77.77	76.74	78.39	71.96	62.07	49.19	82.21	81.12		121.9					122.0
68	75.65	70.19	70.13	71.27	70.33	79.46	82.90	83.90		122.1					122.2
69	76.20	75.82	75.46	71.34	76.64	77.37	70.07	79.64		122.3					122.4
70	74.42	70.82	79.00	71.07	78.54	80.80	80.97	83.05		122.5					122.6
71	79.16	80.22	82.92	80.65	80.21	81.89	81.38	81.34		122.7					122.8
72	79.10	79.05	84.31	82.12	80.23	80.87	89.85	85.90		122.9					123.0
73	78.37	72.65	62.45	79.16	80.70	79.55	88.42	79.79		123.1					123.2
74	79.95	79.51	82.49	82.03	81.15	81.95	83.90	83.08		123.3					123.4
75	84.18	87.25	89.34	89.12	87.77	86.43	86.23	85.08		123.5					123.6
76	87.13	88.61	88.29	89.18	87.53	86.88	89.83	85.84		123.7					123.8
77	95.29	98.09	97.52	97.21	92.96	93.17	94.93	94.15		123.9					124.0
78	85.05	86.83	86.93	88.60	87.62	88.39	87.94	87.90		124.1					124.2
79	84.34	84.84	82.70	85.46	85.86	86.34	83.67	83.93		124.3					124.4
80	85.29	87.17	86.66	88.21	88.71	88.99	89.63	92.58		124.5					124.6
81	98.25	107.9	100.7	101.1	99.31	99.46	120.6	121.2		124.7					124.8
82	97.82	99.61	99.46	99.66	97.69	98.85	99.18	99.54		124.9					124.9
83	111.9	114.9	114.9	114.9	114.9	112.5	113.9	113.6		125.0					125.0

OAPMLI 153.2

MEASURED CASPL
CALCULATED CASPL

AMBIENT TEMP 83.80
RET-RUMH TEMP 68.82
OAP PRESSURE 20.84
ABS. HUMIDITY 12.93

T/D 9/20/69

R/C 9/5/69-3

SP#087547

153.2

RADIAL DISTANCE 154

SCALE PRESSURE LEVELS - DIRECTIVITY INDEX

PRE	SCALE	1645	SCALE	334	611	312	611	SCALE	1645	SCALE	1502	1202	1002	802	602	402	202	(PMH)
57	12027	1.97	1.638	1.997	2.242	1.897	3.149	4.749										
63	12022	1.979	1.673	1.748	1.926	1.542	3.142	4.246										
67	12017	1.97	1.33	1.285	1.322	2.138	3.078	3.357										
127	12012	1.971	1.34	2.412	1.459	2.439	3.037	3.241										
128	12007	1.973	1.292	1.235	1.273	1.791	3.048	3.583										
167	12002	1.975	1.115	1.522	1.699	2.145	3.128	3.255										
227	11997	1.98	1.719	1.726	1.316	1.627	3.066	3.874										
277	11992	1.972	1.554	1.581	1.275	1.269	2.145	3.063	4.118									
358	11987	1.97	1.40	1.839	1.294	2.458	3.070	4.084										
432	11982	1.97	1.12	1.414	1.384	1.817	3.054	3.619										
522	11977	1.971	1.199	1.335	1.239	1.657	3.075	3.386										
627	11972	1.971	1.89	1.614	1.738	1.846	2.109	3.218	4.617									
677	11967	1.979	1.286	1.439	1.337	1.168	1.876	3.478	4.153									
1202	11962	1.978	1.243	1.539	1.625	1.858	2.814	2.891	3.587									
1592	11957	1.975	1.219	1.523	1.359	1.928	1.888	1.925	2.047									
1833	11952	1.976	1.211	1.872	1.684	1.758	1.838	1.617	2.145									
2032	11947	1.977	1.583	1.394	1.188	2.741	1.459	2.360	1.738									
2537	11942	1.978	1.73	1.934	1.714	1.833	1.882	3.124	2.748									
3137	11937	1.978	1.417	1.886	1.892	1.941	1.850	1.618										
4027	11932	1.975	1.235	1.319	1.666	1.816	1.831	1.827										
5267	11927	1.979	1.219	1.723	1.381	1.111	1.895	1.874	1.878									
6327	11922	1.979	1.231	1.816	2.774	1.986	2.479	2.820	2.872									
8227	11917	1.979	1.231	1.63	1.241	1.448	1.921	1.254	3.515									
12237	11912	1.972	1.212	1.672	1.871	1.524	1.882	2.877	3.184									

ANGLE FAC 1.141

AMBIENT TEMP 93.00
 AIR WIND TEMP 56.12
 BAR. PRESSURE 29.84
 ABS. HUMIDITY 12.93

SCALE NOISE ACOUSTIC TEST 7/0 8/28/69 Y/C 6/8/69-3

10024 SPEED 7547

RADIAL DISTANCE 152

SONIC PRESSURE LEVELS REDUCED AT STANDARD DAY

PRE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																		
75.93	74.74	75.70	75.69	77.07	77.71	78.77	79.91	75.93	76.26	77.51	77.15	77.83	79.05	79.65	79.83	80.74	73.58	74.50	74.75	75.68	77.39	78.92	79.86	81.13	73.11	74.44	75.78	76.97	78.12	79.21	80.38	81.79	74.63	76.84	79.78	78.63	78.85	80.71	82.74	83.37	72.59	72.62	74.46	75.46	76.54	77.13	78.47	79.51	72.49	76.14	73.12	75.97	73.19	73.61	74.93	76.63	76.52	78.77	79.74	75.17	71.33	72.31	73.99	75.88	74.14	73.54	72.74	73.74	75.23	76.44	78.12	77.92	77.51	77.27	76.04	78.27	79.82	80.51	82.47	84.11	77.77	77.72	79.42	78.59	80.83	80.63	82.07	84.53	75.85	75.19	78.35	78.13	78.16	79.69	79.91	81.34	75.86	76.33	75.53	76.69	76.99	78.59	78.41	79.48	77.48	76.13	76.09	79.07	80.13	81.80	82.81	80.17	84.22	84.22	84.48	83.80	83.38	81.18	81.42	82.59	87.32	87.82	86.82	88.09	85.17	84.85	83.47	88.42	91.26	93.45	87.82	84.37	82.28	82.15	83.49	86.26	89.23	88.26	86.79	85.32	86.99	84.84	88.24	91.82	93.92	91.68	90.51	98.71	88.18	87.48	88.47	88.88	88.21	88.82	87.33	86.42	85.53	85.88	94.17	93.23	89.24	91.46	92.53	94.56	93.66	92.44	85.78	86.81	85.27	87.29	83.49	87.15	87.88	87.87	83.83	85.72	82.72	85.59	86.94	85.57	88.32	86.94	84.77	84.88	85.89	88.73	86.98	89.58	91.58	89.97	89.42	100.2	100.4	100.4	99.56	100.6	100.9	100.5	97.92	98.75	99.28	99.23	98.32	99.24	99.16	98.69	113.11	113.2	113.2	113.5	112.6	114.6	113.7	113.8

B104

AMBIENT TEMP 83.62
 METEOROL TEMP 83.62
 WIND PRESSURE 29.94
 ABS. HUMIDITY 12.93

SCALE MOLEL ACOUSTIC TEST T/L 0/20/09 R/D 9/5/89-3

NO 82 HQ3029 SP88J077cc

DATE: 9/5/59

RACIAL DISTANCE 15

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

VALUES FROM LUET
72.1 9.1 97.2 122.2 127.6 132.2 140.8 149.7 157.0 170.0 (PMH)

174	-172	238	426	1,604	2,242	3,308	4,448
185	-194	336	608	1,354	2,575	3,102	4,271
214	-149	233	417	1,327	2,548	3,178	5,243
314	-22	945	3,477	1,459	2,586	3,723	5,335
412	-171	1,220	2,772	2,978	2,185	4,191	4,317
517	-117	1,087	1,966	1,775	2,361	3,736	4,746
619	-159	623	1,231	1,459	1,872	3,192	4,097
718	322	350	217	7483	1,923	3,184	4,458
812	774	1,577	1,824	2,127	3,092	5,213	
914	-138	2,088	1,275	1,886	3,025	5,466	
119	-134	1,504	3,380	1,171	1,571	3,412	5,289
135	-189	1,353	1,128	1,162	2,288	2,811	4,343
136	324	199	1,097	1,268	2,871	2,687	3,177
145	193	333	1,516	1,367	2,521	2,888	3,890
156	334	3,337	1,686	2,616	4,788	2,174	5,818
162	395	3,326	2,008	3,152	4,272	2,809	6,012
218	2,492	5,155	4,824	1,887	1,146	1,465	3,748
221	1,133	4,121	3,232	2,679	2,234	1,881	2,804
312	1,942	4,847	2,886	3,432	1,629	1,917	2,102
352	2,614	2,751	3,175	3,679	1,479	1,842	1,444
421	2,112	2,48	3,453	1,989	3,442	2,742	1,322
464	1,795	6,474	2,373	1,572	2,226	2,162	2,153
517	1,488	1,397	1,368	2,417	1,344	1,791	2,117
619	-178	1,137	2,787	1,247	2,318	4,042	3,333

AIRLIFT LEV: 0.524
 SOUND LEV: 131.20
 SPT PRESSURE 20.24
 SPT HUMIDITY 14.93

SCALE: GUNEL ACOUSTIC TEST T/O 8/28/59 R/C 9/5/59-J
 S. 122 1100249 SFEW07740

DATE: 7/5/69

RADIAL DISTANCE 15A

PAGE: 1

SCALE PRESSURE LEVELS REDUCED AT STANDARD DAY

REQ#	ANGLE FROM INSET	110.0	120.0	130.0	140.0	150.0	160.0	170.0	(PHU)
54	75.16	75.42	76.21	77.09	77.83	78.62	79.45	80.47	129.5
61	74.23	75.08	76.05	76.82	77.63	78.43	79.28	80.32	129.8
87	74.59	75.55	76.72	77.64	78.46	79.02	80.00	81.59	130.3
127	73.03	74.12	75.42	76.80	78.24	82.35	81.55	82.80	131.2
125	73.09	74.02	75.09	76.32	77.18	78.31	79.03	80.00	132.0
137	73.41	74.44	75.81	77.18	77.34	78.32	79.46	80.79	129.4
227	72.19	73.76	75.96	78.37	73.59	74.19	75.75	77.19	129.9
251	71.34	72.18	73.25	74.17	74.76	75.41	76.05	75.74	124.9
315	71.27	72.26	73.54	74.83	76.55	77.81	78.18	80.67	129.2
432	71.25	72.33	73.83	75.38	77.11	81.70	82.38	83.58	133.7
502	70.83	71.49	73.08	74.68	76.71	81.98	83.70	85.66	134.3
537	70.54	71.28	72.99	74.81	77.14	79.66	81.17	82.54	132.1
572	70.14	70.83	72.68	74.20	76.48	78.77	81.37	83.19	138.7
1792	70.12	70.79	72.93	74.93	77.00	81.66	82.61	83.29	134.5
2257	69.25	70.04	72.02	74.43	77.22	80.71	82.72	85.43	142.7
1522	68.73	69.27	71.06	73.16	75.58	81.63	83.57	89.27	147.0
2227	68.16	68.82	70.42	72.40	74.92	81.09	83.79	87.37	146.5
2527	67.17	67.88	69.42	71.39	73.88	80.19	83.76	83.54	138.7
3197	67.18	67.47	69.27	71.99	74.52	77.83	81.62	86.88	148.3
4722	66.13	66.19	68.12	70.27	72.54	77.16	81.13	85.19	141.9
5223	66.01	66.88	68.82	71.71	74.97	81.54	85.80	96.93	146.7
6327	65.13	66.08	68.23	71.04	74.58	81.44	87.33	87.67	141.6
8727	64.76	66.13	68.24	71.64	74.21	81.43	85.35	86.46	141.6
20722	64.11	65.10	67.06	69.09	71.72	80.33	84.00	89.22	144.12
5458	147.0	141.7	143.6	142.6	141.8	141.7	142.6	142.3	154.5
5459	142.3	140.7	142.6	141.6	140.8	141.4	141.2	140.7	154.5
5460	142.5	143.4	143.3	143.3	144.1	144.1	144.6	145.8	154.5

SCALE MODEL A...STIC TEST 7/5 8/28/69 R/E 5/5/69-3

APPROX TEMP 83.00
REFLECTOR TEMP 80.00
SCALE PRESSURE 28.24
TEST PRESSURE 12.93

SCALE MODEL A...STIC TEST 7/5 8/28/69 R/E 5/5/69-3

R. W. 61363 SPECTUM 7957

RADIAL DISTANCE 150

SOIL PRESSURE LEVELS DIRECTIVITY INDEX

ADGLES F401 I, LFT

NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50					
1	1.40	1.20	1.10	1.05	1.00	0.95	0.90	0.85	0.80	0.75	0.70	0.65	0.60	0.55	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.10	0.05	0.00	-0.05	-0.10	-0.15	-0.20	-0.25	-0.30	-0.35	-0.40	-0.45	-0.50	-0.55	-0.60	-0.65	-0.70	-0.75	-0.80	-0.85	-0.90	-0.95	-1.00	-1.05	-1.10	-1.15	-1.20	-1.25	-1.30	-1.35	-1.40	-1.45	-1.50
2	1.40	1.20	1.10	1.05	1.00	0.95	0.90	0.85	0.80	0.75	0.70	0.65	0.60	0.55	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.10	0.05	0.00	-0.05	-0.10	-0.15	-0.20	-0.25	-0.30	-0.35	-0.40	-0.45	-0.50	-0.55	-0.60	-0.65	-0.70	-0.75	-0.80	-0.85	-0.90	-0.95	-1.00	-1.05	-1.10	-1.15	-1.20	-1.25	-1.30	-1.35	-1.40	-1.45	-1.50
3	1.40	1.20	1.10	1.05	1.00	0.95	0.90	0.85	0.80	0.75	0.70	0.65	0.60	0.55	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.10	0.05	0.00	-0.05	-0.10	-0.15	-0.20	-0.25	-0.30	-0.35	-0.40	-0.45	-0.50	-0.55	-0.60	-0.65	-0.70	-0.75	-0.80	-0.85	-0.90	-0.95	-1.00	-1.05	-1.10	-1.15	-1.20	-1.25	-1.30	-1.35	-1.40	-1.45	-1.50
4	1.40	1.20	1.10	1.05	1.00	0.95	0.90	0.85	0.80	0.75	0.70	0.65	0.60	0.55	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.10	0.05	0.00	-0.05	-0.10	-0.15	-0.20	-0.25	-0.30	-0.35	-0.40	-0.45	-0.50	-0.55	-0.60	-0.65	-0.70	-0.75	-0.80	-0.85	-0.90	-0.95	-1.00	-1.05	-1.10	-1.15	-1.20	-1.25	-1.30	-1.35	-1.40	-1.45	-1.50
5	1.40	1.20	1.10	1.05	1.00	0.95	0.90	0.85	0.80	0.75	0.70	0.65	0.60	0.55	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.10	0.05	0.00	-0.05	-0.10	-0.15	-0.20	-0.25	-0.30	-0.35	-0.40	-0.45	-0.50	-0.55	-0.60	-0.65	-0.70	-0.75	-0.80	-0.85	-0.90	-0.95	-1.00	-1.05	-1.10	-1.15	-1.20	-1.25	-1.30	-1.35	-1.40	-1.45	-1.50

AMBIENT TEMP 93.24
 METEOROLOG EVD 60.82
 SAT PRESSURE 29.24
 WIND VELOCITY 12.93

SCALE ACC. ACC STIC TEST T/L 6/28/69 R/C 9/5/69-3

R/S 82 7383 SPEUR7907

SCALING DISTANCE 158

SCALE PRESSURE LEVELS REDUCED AT STANDARD DAY

PRE.	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.6	11.8	12.0																																							
75.16	75.89	76.61	77.33	78.05	78.77	79.49	80.21	80.93	81.65	82.37	83.09	83.81	84.53	85.25	85.97	86.69	87.41	88.13	88.85	89.57	90.29	91.01	91.73	92.45	93.17	93.89	94.61	95.33	96.05	96.77	97.49	98.21	98.93	99.65	100.37	101.09	101.81	102.53	103.25	103.97	104.69	105.41	106.13	106.85	107.57	108.29	109.01	109.73	110.45	111.17	111.89	112.61	113.33	114.05	114.77	115.49	116.21	116.93	117.65	118.37	119.09	119.81	120.53	121.25	121.97	122.69	123.41	124.13	124.85	125.57	126.29	127.01	127.73	128.45	129.17	129.89	130.61	131.33	132.05	132.77	133.49	134.21	134.93	135.65	136.37	137.09	137.81	138.53	139.25	140.0

REASUMED CASP

CALCULATED CASP

- AMBIENT TEMP: 83.26
- REFRIGERANT TEMP: 88.26
- PROP. PRESSURE: 291.24
- ABS. HUMIDITY: 12.93

SCALE NOVEL ACUSTIC TEST T/D 8/28/69 R/C 9/5/65-3

RUN#2 43343: SP#E868114

CASP#L1 136.4

DATE: 7/5/69

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ:	5	6	8	12	18	27	42	63	87	122	182	270	420	630	927	1422	2178	3327	5142
ANGLE FROM TILT	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
LEVEL	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5	147.5
DI. INDEX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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B109

APPROX. TEST 95.0dB
RECORDING TEMP. 68.00
WIND PRESSURE 29.124
WIND VELOCITY 12.03

SCALE - QUEL ACOUSTIC TEST - 7/1 8/20/59 R/C 9/5/49-3

NAME: RUGAJS SPEED: 19

GATE 1 9/28/00

RADIAL DISTANCE 120

PAGE 1 3

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

REV.	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	
51	70.45	76.77	77.44	70.41	79.36	80.21	80.64	82.09												138.0
63	75.10	76.53	77.32	77.09	79.14	82.25	81.43	82.09												131.2
8	75.11	76.53	77.10	76.57	79.94	86.71	81.59	83.36												131.0
122	74.77	76.88	77.98	79.37	81.38	81.32	81.61	83.14												132.4
125	75.22	78.17	80.85	82.19	80.84	83.15	81.49	83.74												132.3
147	74.59	76.09	77.45	78.92	78.96	84.74	82.35	81.75												131.3
221	72.70	72.12	72.63	74.26	74.43	74.02	75.63	77.09												130.7
252	73.04	72.99	72.84	72.82	73.59	73.09	73.09	73.09												131.4
313	77.29	76.23	75.64	76.79	76.42	79.64	81.19	83.28												132.7
402	82.03	80.12	80.21	81.44	82.58	83.72	81.78	87.41												132.1
527	79.78	79.96	82.19	82.98	82.96	83.88	81.73	87.39												136.1
637	83.77	82.98	81.63	81.63	81.64	82.58	81.29	84.98												135.8
827	92.11	92.17	91.82	89.78	89.89	87.63	89.79	84.58												142.1
1287	88.35	89.26	91.81	87.98	88.22	85.93	85.88	86.32												148.5
1292	95.39	96.88	96.48	95.89	91.57	89.43	90.38	90.16												148.5
1627	93.70	98.28	97.79	98.53	97.53	92.99	91.81	92.32												148.9
2227	92.19	97.22	96.48	93.73	95.85	87.87	85.12	87.82												145.9
2527	92.27	89.48	89.28	87.03	85.82	85.31	87.34	89.48												148.5
3157	98.44	92.14	94.39	92.43	90.44	88.09	88.92	88.19												144.4
4287	92.14	91.59	89.20	92.84	89.18	87.96	86.16	89.32												142.7
5727	98.14	91.82	94.34	94.41	90.81	94.87	108.5	92.88												149.2
6322	88.14	89.27	87.48	89.33	88.21	89.23	91.82	89.89												143.8
8222	88.12	87.59	84.64	87.93	87.82	88.89	90.13	87.82												143.8
12227	39.59	86.82	85.58	84.23	89.22	89.84	91.94	91.61												145.7

MEAS-YES CASPL
CALCULATED CASPL

AMBIENT TEMP: 83.08
STANDARD TEMP: 59.00
REL. PRESSURE: 29.924
AIR DENSITY: 1.2193

SOURCE MODEL ACS STIC TEST T/D 8/28/09 M/D 9/3/00-3

RUN NO: 100832 SPEECH0343

OAPML1 150.4

SOIL PRESSURE LEVELS DISPECTIVITY INDEX

Page	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200																										
51	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80	2.81	2.82	2.83	2.84	2.85	2.86	2.87	2.88	2.89	2.90	2.91	2.92	2.93	2.94	2.95	2.96	2.97	2.98	2.99	3.00

AMBIENT TEMP. 53.82
 WETBULB TEMP. 53.72
 HAT. PRESSURE 27.24
 AHS. HUMIDITY 52.93

SCALE MODEL ACC STIG TEST T/O 0/28/69 R/D 9/5/69.3

DATE: 9/5/56

APPENDIX C

DATA FROM D/V III, IGV's NOMINAL

(REF. SECTION V)

DATE: 2/1/72

PAGE: 1

RADIAL DISTANCE 250

SOUND PRESSURE LEVELS DERIVED AT STANDARD DAY

FRQ.	1.0	12.0	27.0	42.0	58.0	62.0	75.0	82.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	
5	48.25	64.21	64.51	62.89	62.88	63.54	65.02	64.88	67.39	56.62	66.24	66.24	66.24	66.24	66.24	66.24	66.24	66.24	66.24	66.24	66.24
6	61.88	62.28	72.73	62.87	62.86	63.54	71.44	64.25	68.42	64.25	64.25	64.25	64.25	64.25	64.25	64.25	64.25	64.25	64.25	64.25	64.25
8	67.79	61.35	62.27	61.99	62.79	63.66	65.17	65.39	67.82	57.17	66.83	69.31	69.31	69.31	69.31	69.31	69.31	69.31	69.31	69.31	69.31
12	64.41	65.96	63.25	63.42	63.77	64.78	65.27	66.79	67.42	66.99	67.42	67.42	67.42	67.42	67.42	67.42	67.42	67.42	67.42	67.42	67.42
16	63.76	62.74	64.67	64.48	64.54	64.78	67.18	66.91	69.19	67.85	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45
20	63.46	61.34	63.64	63.59	63.16	63.28	66.29	64.78	65.86	65.66	67.12	67.64	67.64	67.64	67.64	67.64	67.64	67.64	67.64	67.64	67.64
25	62.33	58.82	59.32	58.67	62.33	62.12	62.43	61.28	62.53	62.52	63.12	63.12	63.12	63.12	63.12	63.12	63.12	63.12	63.12	63.12	63.12
30	64.43	63.56	64.76	62.82	63.39	63.19	64.44	62.71	64.39	63.13	65.13	65.13	65.13	65.13	65.13	65.13	65.13	65.13	65.13	65.13	65.13
35	62.45	62.32	64.68	62.35	62.27	63.27	63.28	63.11	64.38	63.92	65.42	65.42	65.42	65.42	65.42	65.42	65.42	65.42	65.42	65.42	65.42
40	66.79	66.82	68.39	66.89	67.74	67.32	67.54	67.94	68.73	68.94	72.65	72.65	72.65	72.65	72.65	72.65	72.65	72.65	72.65	72.65	72.65
50	72.79	72.88	71.27	71.49	71.21	70.35	72.38	72.18	72.75	71.94	73.13	72.75	72.75	72.75	72.75	72.75	72.75	72.75	72.75	72.75	72.75
60	71.28	73.39	69.93	71.82	69.76	68.68	71.24	69.79	71.79	70.81	71.23	71.92	71.92	71.92	71.92	71.92	71.92	71.92	71.92	71.92	71.92
70	72.12	72.43	74.12	72.89	70.11	69.85	70.49	69.72	71.83	71.12	73.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83	71.83
80	75.31	79.58	77.83	77.71	75.17	75.88	74.71	75.32	76.65	77.61	78.24	75.51	71.82	75.51	75.51	75.51	75.51	75.51	75.51	75.51	75.51
90	75.68	76.85	76.13	75.33	72.83	75.22	71.25	75.41	74.22	75.79	76.28	74.48	72.62	75.79	75.79	75.79	75.79	75.79	75.79	75.79	75.79
100	73.88	76.85	77.95	76.82	73.92	76.28	73.58	74.67	75.82	76.67	78.97	74.26	73.15	76.67	76.67	76.67	76.67	76.67	76.67	76.67	76.67
125	74.59	76.17	76.74	73.11	73.89	74.64	76.97	75.74	76.91	76.21	76.21	76.21	76.21	76.21	76.21	76.21	76.21	76.21	76.21	76.21	76.21
150	83.63	82.16	82.94	83.77	83.83	81.55	85.92	86.52	89.84	84.34	79.37	81.98	75.94	84.34	84.34	84.34	84.34	84.34	84.34	84.34	84.34
175	78.42	78.21	74.34	78.45	74.88	76.27	76.93	78.84	82.81	78.91	78.52	77.25	69.64	78.91	78.91	78.91	78.91	78.91	78.91	78.91	78.91
200	75.38	77.73	76.14	76.11	73.45	76.24	74.91	75.52	77.83	79.82	82.69	73.37	71.50	75.52	75.52	75.52	75.52	75.52	75.52	75.52	75.52
250	78.29	78.32	80.44	78.15	77.22	78.51	78.72	78.69	81.28	78.69	82.51	76.73	76.14	78.69	78.69	78.69	78.69	78.69	78.69	78.69	78.69
300	74.13	73.22	74.39	73.34	71.52	72.95	71.81	73.19	74.86	75.87	74.86	72.52	69.82	74.86	74.86	74.86	74.86	74.86	74.86	74.86	74.86
350	73.18	74.73	71.92	71.54	72.88	71.16	71.48	73.51	74.52	75.53	74.99	72.97	67.19	74.52	74.52	74.52	74.52	74.52	74.52	74.52	74.52

DAPHNI 149.83

AMBIENT TEMP. 14.49
 RETUR. TEMP. 31.49
 BAR. PRESSURE 24.93
 ABS. HUMIDITY 3.884

FAL FA/ COMPRESSOR - PHASE 5B + 5C T/D 1/27/72 R/D 1/37/72-3

RDV11 R03801 SPEED=5027

MEASUREMENTS
 CALCULATE P105
 87.34 86.64 86.49 87.26 86.54 85.41 88.04 89.29 91.46 88.56 87.71 85.02 81.78
 80.27 88.55 88.39 88.29 87.33 86.61 88.09 89.48 91.75 89.36 89.04 87.19 84.67
 123.5 122.4 122.4 123.7 123.5 121.9 125.2 127.4 125.6 122.8 122.8 122.8 122.8 122.8 122.8 122.8 122.8 122.8 122.8 122.8 122.8 122.8

DATE: 2/1/77

RADIAL DISTANCE 250

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SOIL PRESSURE LEVELS DIRECTIVITY INDEX

DEPTH	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2	
27	2.456	-1.37	-1.38	-2.70	-2.75	-2.45	-2.45	-3.06	-2.79	1.821	1.329	1.744	2.522	4.987								
32	-3.28	-4.71	3.700	-4.89	-4.97	-3.42	4.674	-2.91	1.639	0.915	-0.820	1.632	3.163									
37	-2.62	-4.24	-3.12	-3.32	-2.62	-1.73	-1.17	-3.21	1.813	1.788	2.444	4.225	3.663									
42	-4.19	-1.55	-2.29	-1.99	-2.44	-1.43	-0.948	0.784	1.612	2.779	1.835	2.697	3.415									
47	-1.93	-1.38	-3.49	-2.72	-3.45	-1.45	-2.18	1.795	1.299	1.685	2.312	2.863	3.834									
52	-2.58	-3.55	-1.37	-1.66	-1.82	-1.57	0.381	0.683	2.055	1.511	2.113	2.772	1.474									
57	-1.28	-3.17	-1.83	-2.82	-2.38	-1.53	1.751	2.184	1.324	1.128	2.589	3.084	0.818									
62	-0.12	-3.17	-1.83	-4.47	-2.89	-1.84	1.511	1.421	1.421	0.832	0.838	2.416	2.814									
67	1.421	1.549	1.748	-2.39	-3.829	-1.82	1.429	-2.32	1.681	-2.678	2.116	1.129	1.897									
72	-1.25	-1.39	0.724	-1.36	-1.44	-4.37	-4.33	-5.98	0.737	2.292	3.281	1.694	0.166									
77	-0.36	-0.74	0.685	-0.39	-0.22	-0.24	-1.83	2.183	1.250	1.212	2.929	1.455	2.173									
82	-1.495	1.35	-0.26	0.966	-0.88	-1.25	-1.17	-1.12	1.460	0.686	1.734	1.459	1.82									
87	0.13	2.412	-0.51	0.329	-0.22	-1.09	0.626	-0.791	1.282	2.229	0.862	1.324	2.827									
92	-1.38	0.434	2.636	1.484	-1.37	-1.04	-0.87	-1.77	1.265	1.616	2.358	3.208	3.335									
97	-0.33	1.33	1.589	1.448	-1.87	-3.03	-1.53	-0.921	0.855	1.571	1.999	2.734	2.522									
102	1.859	4.229	1.514	0.780	-2.79	0.481	-3.33	-0.21	0.999	1.176	1.665	1.139	2.121									
107	-1.71	2.262	2.337	4.291	-2.27	0.189	-2.21	0.22	-0.845	1.276	3.382	2.133	2.444									
112	-3.16	1.278	1.831	-1.79	0.924	-3.26	2.866	3.362	2.895	-0.695	1.377	2.139	2.41									
117	-3.52	-3.79	-3.24	2.918	-1.52	-2.43	1.341	2.542	3.859	3.558	4.61	2.29	2.84									
122	0.884	0.616	-3.47	0.218	-2.65	-1.26	-0.56	1.311	3.382	2.378	1.836	0.431	0.99									
127	-0.921	0.49	-0.896	-1.33	-2.74	0.883	-1.42	0.728	0.995	2.765	4.461	2.86	4.54									
132	-0.329	-0.27	1.842	-2.85	-1.38	-5.69	1.294	1.897	4.492	0.957	1.922	1.86	3.93									
137	1.147	0.225	1.122	3.685	-1.76	-1.43	-1.97	0.278	1.478	2.891	1.978	0.670	0.149									
142	0.786	2.251	-1.54	0.927	-1.56	-1.31	-1.963	0.616	2.037	2.567	2.514	-1.49	0.528									

AIR DRY TEMP. 34.42
 WET BULB TEMP. 31.49
 BAR. PRESSURE 28.91
 ABS. HUMIDITY 3.804

FALL FAULT COMPRESSOR - PHASE 5B - 5C 7/D 1/27/77 R/D 1/3/77-3

SOIL SPEED=572

DATE: 2/1/77

RADIAL DISTANCE 251

PAGE: 1

SCAND PRESSURE LEVELS REDUCED AT STANDARD DAY

2.2. 12.2. 22.2. 32.2. 42.2. 52.2. 62.2. 72.2. 82.2. 92.2. 102.2. 112.2. 122.2. 132.2. 142.2. 152.2. 162.2. 172.2. (PHL)

REF.	ANGLE FROM INLET	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2
51	49.2A	64.42	60.89	65.16	65.49	65.90	65.61	67.18	69.19	68.87	65.33	72.59	73.24	125.4				
52	65.62	53.21	71.49	63.82	64.29	64.72	71.67	66.29	69.72	68.17	65.51	71.59	72.51	126.2				
53	43.73	63.16	63.89	63.58	64.51	65.52	66.23	68.77	68.31	68.88	69.74	71.08	72.03	125.8				
127	65.33	65.45	65.47	65.38	66.16	67.15	67.68	69.42	70.83	70.62	71.92	73.18	73.46	126.9				
128	65.32	64.38	64.53	65.34	66.16	66.42	68.24	68.54	69.53	68.98	71.83	72.66	72.66	128.3				
129	63.84	63.49	64.24	64.39	66.37	66.58	67.94	68.12	69.53	69.84	72.72	72.88	70.44	129.9				
130	65.83	63.73	63.14	63.84	67.25	68.28	68.42	67.92	68.47	69.27	71.08	72.48	72.18	128.0				
131	64.19	63.64	63.64	63.63	63.35	63.61	63.88	64.22	64.59	64.91	65.31	65.78	65.12	121.9				
132	63.71	64.37	60.65	63.63	63.92	64.51	64.85	63.69	65.45	67.06	68.84	67.47	66.63	124.1				
133	62.97	64.55	72.11	68.42	69.34	69.33	68.68	69.29	70.12	70.61	72.05	71.24	66.46	124.2				
134	72.47	74.28	73.89	72.89	72.85	72.25	72.57	72.77	74.71	74.59	75.12	74.59	71.22	131.8				
135	73.28	75.59	72.29	72.44	71.65	72.83	73.38	72.82	74.23	73.82	74.95	73.48	73.48	131.5				
136	71.74	74.02	74.27	73.39	70.89	72.65	71.49	71.98	73.23	73.62	73.78	72.87	70.52	132.2				
137	75.99	82.47	79.55	79.23	78.74	77.24	76.33	76.54	78.64	78.48	80.83	78.34	71.67	133.2				
138	77.93	81.46	78.77	78.68	75.48	77.07	74.68	76.84	77.16	76.43	78.52	76.07	74.36	137.4				
139	73.12	82.25	82.25	77.82	75.27	77.71	75.80	74.48	77.89	78.83	81.12	74.69	74.52	137.1				
140	76.26	78.73	79.14	75.88	77.28	73.57	79.28	77.75	78.65	78.81	78.32	73.59	74.92	142.4				
141	84.69	82.25	82.21	84.57	85.75	82.76	85.58	85.81	83.21	87.88	82.74	82.27	75.33	145.9				
142	82.11	81.59	77.45	83.68	81.77	81.39	83.58	83.25	85.49	82.16	82.52	73.29	73.29	148.2				
143	74.72	70.49	78.15	78.77	75.89	75.66	78.23	78.88	79.94	82.14	82.11	73.89	73.73	141.8				
144	78.77	78.52	82.72	77.38	77.43	75.83	79.81	81.34	83.68	82.74	82.67	76.65	76.19	148.8				
145	77.55	77.23	77.39	76.93	74.11	74.59	74.85	77.53	78.68	80.44	77.43	75.23	73.19	139.9				
146	74.16	75.31	73.29	73.92	72.45	72.56	72.76	75.53	75.92	76.23	76.27	72.34	68.66	139.9				

MEASURE: CASPL
 CALCULATE: CASPL
 24.8 28.4 125.1 125.7 183.6 183.5 125.9 188.4 107.6 128.2 183.5 99.49

PAGE: 1 191.5

ANGLE FROM INLET 34.49
 REF. 134.49
 RAD. PRESSURE 26.95
 ABS. STABILITY 1.884

FAA. CA. / COMPRESSOR PHASE 2B & 5C 1/0 1/22/77 3/C 1/32/77-03

PAGE: 1 R3882 SBEF-3553E

RADIAL DISTANCE 252

DATE: 2/1/77

S/C PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	2.2	1.2	2.2	32.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2						
52	1.182	-1.45	2.986	-2.71	-2.38	-1.88	-1.27	-1.05	1.311	0.965	1.454	3.272	5.184	3.29	5.14	2.770	-4.49	-4.81	-3.59	3.564	-2.21	1.416	-1.32	2.760	2.780	4.284
63	2.331	3.88	1.85	3.48	-2.53	1.54	0.91	-2.72	1.243	1.420	2.717	4.157	4.982	3.56	-3.47	-3.57	-3.44	-2.76	-1.77	-1.24	0.964	1.18	2.686	3.886	4.257	4.539
122	-2.21	-1.92	-3.78	-2.57	-2.15	-1.89	-2.88	2.548	1.223	1.874	2.575	3.519	4.351	-3.67	-4.23	-3.66	-3.33	-1.42	-1.14	2.133	3.923	1.889	2.114	2.994	3.158	2.739
202	-2.24	-3.92	-2.52	-3.82	-3.94	-1.35	0.587	2.628	1.834	1.619	3.431	3.291	1.525	-1.585	-3.45	-2.49	-4.35	-1.29	-1.93	4.267	0.816	1.294	-4.28	2.125	4.524	3.828
312	1.823	2.423	1.668	3.24	3.38	2.38	1.281	-3.87	2.828	2.384	1.253	2.264	1.975	-1.69	-1.22	1.440	-1.76	-1.57	-0.76	-1.71	0.968	2.464	3.451	2.778	1.256	
422	-1.41	-2.22	2.439	2.947	2.888	2.239	-0.92	-2.76	2.382	1.237	3.283	1.891	2.91	-1.582	1.233	0.928	0.62	-0.81	-2.82	1.487	1.241	2.872	1.539	2.03		
532	1.551	2.827	2.448	2.24	2.184	1.31	0.318	2.713	1.522	2.895	1.218	2.741	4.384	-1.471	1.811	2.969	1.176	-1.31	-1.36	-1.21	1.016	1.411	1.971	0.92	-1.69	
1252	2.72	2.742	1.836	1.519	2.955	2.75	1.39	1.17	7.458	1.783	2.316	3.38	8.84	1.6976	4.238	1.934	5.781	-1.75	4.347	-2.03	0.396	-0.72	1.195	1.269	-1.17	-2.87
1882	2.27	2.883	2.614	4.338	2.17	2.726	-1.25	0.438	0.384	1.188	3.484	2.75	-2.92	-1.585	1.869	2.1282	-1.78	4.813	-3.29	2.484	0.858	1.788	-1.85	1.183	-2.84	
2982	-1.65	-2.41	-4.65	1.284	0.923	-2.89	0.234	0.485	4.109	2.198	-2.12	-2.32	-3.33	-1.927	0.832	-4.93	1.257	-0.92	-1.37	-0.287	1.159	3.877	-0.282	-1.79	-9.12	
4082	2.87	0.977	0.645	2.22	2.68	0.629	-0.61	0.117	1.149	3.567	3.316	2.92	2.24	-1.626	-1.885	1.323	-2.82	-1.97	-3.57	0.36	1.941	4.264	1.337	1.468	-2.79	-3.21
5382	2.762	2.784	0.438	1.713	2.188	-2.18	1.132	0.242	2.753	3.479	0.532	2.152	3.52	3.469	1.496	-1.721	-0.492	-1.137	-1.25	1.05	1.514	2.184	2.219	2.456	-1.77	-5.15
6082																										

AMBIENT TEMP 34.49
 METEOROLOG TEMP 31.69
 BAR PRESSURE 29.91
 ABS HUMIDITY 3.984

FAA FAULT COMPRESSOR - PHASE 5R - SC T/C 1/27/77 R/D 1/30/78-3

CU 511 RCR082 SPEC=850

FACIAL DISTANCE 25A
SOUND PRESSURE LEVELS RECORDER AT STANDARD DAY
ANOMIES FROM I.C.E.T.

FREQ	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2
48.9	66.43	66.21	65.54	65.85	66.66	67.59	68.64	69.81	71.12	72.58	74.18	75.92	77.80	79.82	81.98	84.30	86.78	89.32	91.92	94.58
51.0	65.72	65.21	64.54	64.85	65.66	66.59	67.64	68.81	70.12	71.58	73.18	74.92	76.80	78.82	80.98	83.30	85.78	88.32	90.92	93.58
63	64.44	63.93	63.26	63.57	64.38	65.31	66.36	67.53	68.84	70.30	71.90	73.64	75.52	77.54	79.70	81.92	84.30	86.78	89.32	91.92
82	62.55	62.04	61.37	61.68	62.49	63.42	64.47	65.64	66.95	68.41	70.01	71.75	73.63	75.65	77.81	80.12	82.58	85.10	87.68	90.32
127	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
128.5	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
136.4	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
138.1	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
128.4	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
149.8	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
188.3	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
126.2	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
132.1	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
134.3	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
139.3	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
133.1	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
138.2	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
138.9	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
138.0	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
141.4	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
149.9	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
142.8	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
144.7	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
142.4	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08
145.4	60.85	60.34	59.67	60.01	60.82	61.75	62.78	63.91	65.12	66.43	67.89	69.40	71.04	72.81	74.71	76.74	78.90	81.18	83.58	86.08

EASURE CASE =
CAL. AREA CASE =

Ambient Temp, 34.48
Step Temp, 33.49
Bar Pressure, 20.95
Atm. Density, 3.284

FAP FA/COMPRESSOR - PHASE 5B @ 50 T/D @ 2/27/77 - 3/2 @ 3/22/78

S. 1111 915831 SPEED=3750

DAPMLI

162.2

DATE: 2/1/77

RADIAL DISTANCE 250

PAGE: 2

SOLE PRESSURE LEVELS CIRCUMFERENCE INDEX

..... 5 12 2 2 2 13 4 42 2 52 2 62 2 72 2 82 2 92 2 102 2 112 2 122 2 132 2 142 2 152 2 162 2 172 2 (P.M.)

FMS	5	12	2	2	13	4	42	2	52	2	62	2	72	2	82	2	92	2	102	2	112	2	122	2	132	2	142	2	152	2	162	2	172	2	(P.M.)
52	-5.33	-3.39	-3.41	-4.28	124.7	-2.14	-2.23	-1.18	-7.349	-2.256	2.345	1.793	3.856																						
63	-5.22	-5.64	-5.63	-5.36	-5.15	-4.24	1.43	-2.65	-7.252	-1.769	-4.485	2.679	4.597																						
83	-5.33	-5.16	-4.46	-4.38	-3.94	2.22	1.51	1.33	1.152	1.888	1.317	3.318	4.883																						
107	-6.43	-6.88	-6.78	-5.83	-5.94	-4.19	-2.37	-5.61	1.879	2.171	2.389	3.224	2.856																						
125	-4.51	-3.84	-5.25	-3.68	-3.12	-3.21	-1.44	-1.42	1.338	1.379	1.723	2.941	4.827																						
161	-4.89	-5.61	-5.21	-4.44	-2.67	-2.33	-1.93	-4.11	0.342	1.273	2.181	2.313	1.885																						
242	-2.49	-5.59	-3.47	-3.88	-2.78	-2.31	-2.33	-1.24	2.211	1.984	1.5	1.524																							
282	-2.8	-28.7	-28.2	-29.8	-28.2	-29.7	-24.5	-23.6	-29.2	-24.9	-22.2	-22.2																							
315	-2.27	-2.68	-2.81	-3.33	-3.61	-2.43	-4.38	-2.18	-2.89	2.452	5.124	2.218																							
47	-2.98	-2.42	-2.27	-1.41	-1.31	-1.17	-2.12	-1.82	-2.28	2.488	2.789	1.521	2.92																						
81	-1.93	-4.47	-1.17	1.969	-1.94	-1.85	-1.79	-1.66	2.317	-7.285	6.823	2.186	-2.99																						
222	-2.823	2.334	-2.33	-1.83	-2.11	-2.21	-1.49	-1.81	2.288	-6.883	1.131	2.638	2.779																						
232	-1.87	7.922	1.152	1.443	-2.37	-2.72	-1.75	-2.35	1.067	2.792	1.354	-9.19	-3.84																						
1232	-1.64	9.437	1.116	1.264	-2.41	-1.53	-2.13	-2.88	-1.93	1.882	1.489	-2.37	6.18																						
1882	1.725	3.282	1.946	1.188	-2.75	-3.72	-3.87	-1.89	-1.48	-8.12	8.807	-3.12	-4.36																						
2280	-1.93	1.287	1.788	-1.88	-1.82	-1.43	-1.81	-2.21	1.483	3.738	2.382	-3.37	3.94																						
2883	-1.85	6.823	1.234	-2.85	-8.877	-3.98	1.956	-1.234	5.327	-2.97	1.681	-5.52	-3.94																						
3132	-1.87	-22.6	-21.2	-19.6	-19.5	-22.7	-17.3	-16.8	-13.7	-17.7	-25.8	-3.3	-27.5																						
4822	-3.54	-2.68	-5.38	-1.49	-4.58	-1.91	-3.23	-6.37	5.173	6.525	-2.57	-3.27	-12.7																						
5384	-3.12	-2.8	-2.72	-1.48	-3.28	-1.28	-1.71	-1.835	9.892	2.812	2.837	2.48	1.48																						
6382	-1.69	-49	-2868	-3.31	-1.93	-3.99	-1.96	1.306	2.746	-1.666	1.262	-5.17	-4.78																						
8582	2.242	-1.59	-4.87	-8.86	-4.53	-3.18	-2.56	2.385	2.683	1.549	-7.94	-1.29	8.46																						
12322	-1.231	12288	-2.37	-2.28	-8.868	-2.87	-2.31	-1.587	7.882	2.329	1.652	-4.49	-6.57																						

ABSOLUTE TEMP. 14.49
STATION TEMP. 31.49
BAR. PRESSURE 28.82
ABS. HUMIDITY 3.884

FAA FAN PRESSURE - PHASE 5R * SC 7/0 1/27/78 9/0 1/37/78-3

RJ-111 RCS-83 SPEED 575

DATE: 2/27/72 SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY RADIAL DISTANCE 250 PAGE 1

FREQ	7.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	110.0	120.0	150.0	180.0	200.0	220.0	250.0	300.0	350.0	400.0	450.0	500.0	550.0	600.0	650.0	700.0	750.0	800.0	850.0	900.0	950.0	1000.0							
52	72.51	67.39	66.99	66.54	67.11	67.24	67.78	68.19	72.20	78.73	71.26	73.59	78.33	127.5																									
63	66.93	65.64	71.54	66.82	66.77	67.48	72.57	69.10	71.34	71.20	72.83	74.56	76.39	127.5																									
87	63.98	65.54	65.29	64.32	67.11	68.24	68.93	69.43	72.85	71.24	72.41	74.62	75.67	136.7																									
121	67.66	67.56	69.45	69.38	68.42	69.57	71.49	72.61	73.52	75.29	76.59	77.77	77.36	128.1																									
122	67.24	68.11	68.11	67.82	67.89	68.38	72.82	70.82	71.85	72.58	73.78	75.25	78.33	128.1																									
162	69.88	65.83	65.63	66.24	66.40	66.58	69.75	70.11	71.75	71.74	72.94	73.58	73.21	128.1																									
202	68.41	65.63	68.92	68.14	72.50	68.53	69.75	72.82	72.32	72.82	72.26	72.95	72.64	122.3																									
252	62.39	60.12	59.89	58.99	62.02	62.62	63.66	64.59	64.36	63.35	66.38	69.11	66.51	123.4																									
312	64.89	65.41	66.89	61.66	63.63	61.75	65.12	63.28	63.83	65.57	67.39	68.42	67.12	124.7																									
402	66.92	67.03	69.23	66.14	65.53	66.62	66.86	66.83	68.88	68.75	71.78	70.31	66.59	132.2																									
502	72.23	70.84	71.91	71.23	71.83	71.53	71.82	71.75	72.28	73.38	75.94	73.94	68.33	134.2																									
632	74.59	76.26	75.41	75.27	74.27	74.82	75.30	74.79	76.33	76.32	77.42	76.74	73.82	133.2																									
872	75.24	77.57	74.17	73.96	73.36	72.66	74.07	73.56	75.11	74.17	75.23	75.11	78.71	133.9																									
1252	73.45	75.76	76.15	75.15	72.67	73.24	74.28	73.48	76.67	77.19	76.89	74.52	78.25	138.4																									
1682	78.38	82.69	81.65	81.57	78.88	78.83	78.57	78.83	78.57	88.89	82.21	82.64	78.24	139.2																									
2082	79.38	83.83	81.43	80.81	78.18	80.69	76.07	78.91	78.68	88.66	86.87	77.71	76.87	146.1																									
2522	72.57	82.83	82.82	81.31	78.48	82.82	78.17	78.95	79.33	81.28	83.71	76.31	78.94	139.6																									
3152	76.91	80.78	81.94	78.16	80.43	76.50	81.77	80.37	80.98	78.20	82.56	74.79	76.44	142.8																									
4222	82.49	78.95	79.74	81.42	82.41	79.59	83.52	83.82	84.66	82.72	79.95	70.21	73.87	196.6																									
5222	67.93	88.33	83.83	89.87	86.12	89.08	86.76	93.32	94.89	98.92	86.98	85.69	78.34	142.5																									
6322	78.93	81.67	82.12	82.88	78.51	81.31	81.45	81.89	82.49	84.33	84.22	75.78	75.42	143.0																									
8222	73.71	79.77	81.97	79.17	81.22	78.68	83.29	83.94	84.88	81.66	82.85	76.88	76.90	143.9																									
10082	82.25	78.98	82.82	83.48	78.93	77.72	80.23	81.51	83.09	81.22	77.52	75.34	142.5																										
	76.11	77.79	74.63	74.23	73.86	74.75	74.57	76.82	78.56	88.93	79.11	74.25	76.12																										
	92.33	93.81	92.63	93.32	93.84	92.77	92.62	95.61	96.86	94.98	94.25	91.64	98.17																										
	91.87	93.11	91.93	92.78	93.37	92.38	92.23	95.49	94.91	94.08	93.54	92.79	98.72																										
	107.4	100.2	105.9	100.2	106.2	100.9	107.3	111.2	112.6	117.2	100.3	106.8	181.9																										

MEASURED CASPL
CALCULATED CASPL OAPPLI 150.3

ANGIENT TEMP. 34.49
MET-BUBBLE TEMP. 31.49
BAR. PRESSURE 28.94
ABS. HUMIDITY 3.884

FAN COMPRESSOR PHASE 3P ± 50 °VD 1/27/72. RD 1/33/78-3

RUN#11 92984 SPEED#6222

RADIAL DISTANCE 252

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

32.7	47.2	52.7	67.7	77.7	87.2	99.7	107.7	112.7	127.2	132.7	147.2	152.7	167.2	172.7	187.2	192.7	207.2	212.7	227.2	232.7	247.2	252.7		
7431	-2.37	-2.77	-3.22	-2.65	-2.52	-3.21	-1.52	3146	9622	1,493	3,829	6,367												
3.71	-4.99	-3.94	-4.62	-3.87	-3.18	-1.938	-1.48	2812	4426	1,373	3,541	5,752												
4.23	-4.57	-3.75	-3.69	-2.92	-1.77	-1.38	-1.38	594	8458	1,555	2,624	4,611	5,059											
4.83	-4.74	-4.25	-3.32	-4.28	-3.13	-1.22	-1.22	733	8174	2,428	3,698	4,768	4,002											
3.02	-2.81	-4.82	-3.16	-3.23	-2.55	-1.985	-1.93	9235	1,852	2,613	4,326	5,422												
3.02	-4.37	-4.17	-3.54	-3.39	-2.21	-1.843	-1.843	1183	1,847	1,944	3,138	3,784	3,849											
3.31	-4.39	-3.85	-3.57	-3.63	-1.14	-1.264	-1.264	3337	6628	1,693	2,932	3,222	2,912											
3.32	-3.59	-3.81	-4.72	-3.43	-1.38	-1.842	-1.842	6829	349	2,148	3,412	2,814												
3742	5992	1,274	-3.16	-1.17	-3.27	3174	-1.73	2171	7534	2,583	3,686	2,358												
1.24	-1.274	-1.442	-1.84	-2.45	-1.36	-1.11	-1.11	3948	2,787	3,293	2,528	2,832												
1.63	-0.974	-0.921	-0.88	-0.84	-0.83	-0.82	-0.82	8461	1,471	4,026	2,820	2,198												
614	8522	1943	2377	-0.942	-0.84	1728	-4.21	1,121	1,113	2,328	1,535	1,141												
1798	3,326	-0.274	-0.281	-0.81	-1.58	7297	-0.81	8672	0.96	1,333	1,572	4607												
1.24	1,274	1,442	1,624	2,122	1,33	4,488	-1.24	1,972	2,582	2,223	2,169	2,183												
1.54	2,973	1,939	1,456	-2.24	-2.25	-1.29	-1.15	9722	2,893	2,519	1,55	5,08												
1.74	3,597	1,928	1,334	-0.994	1,221	-2.81	-2.81	543	2,793	2,793	1,398	3,176	2,67											
2.59	2,667	2,791	1,415	-1.51	1,784	-1.99	-1.21	636	1,896	3,951	3,06	3,322												
1.41	1,382	2,482	-1,223	1,219	-2.91	2,357	2,277	1,567	1,133	1,442	4,63	2,92												
12968	-2,225	-2,44	-508	1,866	-2,91	1,984	3,819	4,461	9224	-2,225	-2,99	-8,12												
1.52	-1,12	-5,62	-3,84	-3,33	-3,67	-2,69	3,851	5,449	1,467	2,447	3,74	1,11												
2,09	6,993	917	2,29	-1,32	-2,22	1,413	8,629	1,453	3,295	2,987	5,24	5,15												
2,87	1,61	3,93	2,21	-1,62	-2,22	1,915	2,528	3,498	2,812	1,971	4,72	4,48												
1,228	1,938	8,869	5,612	-1,36	-9,92	-2,12	1,211	1,995	3,789	1,179	2,39	4,58												
1,235	1,448	-1,71	-2,11	-2,49	-1,59	-1,77	2,782	2,214	4,593	2,267	5,29	6,13												

C9

AMBIENT TEMP 34.49
 REFERENCE TSP 31.48
 SLP, PRESSURE 28.95
 ABS. HUMIDITY 3.484

FAA FACILITY PRESSURE - PHASE 50 + 50 I/O 1/27/72 R/D 1/32/70-3

RUNS 1 2:084
 SPEED 6002

PARTIAL DISTANCE 250

SOURCE PRESSURE LEVELS DIRECTIVITY INDEX

FRF #	12.2	12.7	13.2	13.7	14.2	14.7	15.2	15.7	16.2	16.7	17.2	17.7	18.2	18.7	19.2	19.7	20.2	20.7	21.2	21.7	22.2	22.7	23.2	23.7	24.2	24.7	25.2	25.7	26.2	26.7	27.2	27.7	28.2	28.7	29.2	29.7	30.2	30.7	31.2	31.7	32.2	32.7	33.2	33.7	34.2	34.7	35.2	35.7	36.2	36.7	37.2	37.7	38.2	38.7	39.2	39.7	40.2	40.7	41.2	41.7	42.2	42.7	43.2	43.7	44.2	44.7	45.2	45.7	46.2	46.7	47.2	47.7	48.2	48.7	49.2	49.7	50.2	50.7	51.2	51.7	52.2	52.7	53.2	53.7	54.2	54.7	55.2	55.7	56.2	56.7	57.2	57.7	58.2	58.7	59.2	59.7	60.2	60.7	61.2	61.7	62.2	62.7	63.2	63.7	64.2	64.7	65.2	65.7	66.2	66.7	67.2	67.7	68.2	68.7	69.2	69.7	70.2	70.7	71.2	71.7	72.2	72.7	73.2	73.7	74.2	74.7	75.2	75.7	76.2	76.7	77.2	77.7	78.2	78.7	79.2	79.7	80.2	80.7	81.2	81.7	82.2	82.7	83.2	83.7	84.2	84.7	85.2	85.7	86.2	86.7	87.2	87.7	88.2	88.7	89.2	89.7	90.2	90.7	91.2	91.7	92.2	92.7	93.2	93.7	94.2	94.7	95.2	95.7	96.2	96.7	97.2	97.7	98.2	98.7	99.2	99.7	100.2	100.7
171	-3.29	-3.45	-3.56	-3.63	-2.87	-2.05	-1.54	-0.67	0.24	1.22	2.14	2.94	3.58	4.01	4.21	4.25	4.14	3.89	3.52	3.05	2.50	1.89	1.25	0.61	-0.04	-0.61	-1.11	-1.54	-1.89	-2.14	-2.29	-2.34	-2.29	-2.14	-1.89	-1.54	-1.11	-0.61	-0.04	0.61	1.25	2.14	3.05	4.01	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00	25.00	26.00	27.00	28.00	29.00	30.00	31.00	32.00	33.00	34.00	35.00	36.00	37.00	38.00	39.00	40.00	41.00	42.00	43.00	44.00	45.00	46.00	47.00	48.00	49.00	50.00	51.00	52.00	53.00	54.00	55.00	56.00	57.00	58.00	59.00	60.00	61.00	62.00	63.00	64.00	65.00	66.00	67.00	68.00	69.00	70.00	71.00	72.00	73.00	74.00	75.00	76.00	77.00	78.00	79.00	80.00	81.00	82.00	83.00	84.00	85.00	86.00	87.00	88.00	89.00	90.00	91.00	92.00	93.00	94.00	95.00	96.00	97.00	98.00	99.00	100.00																																						

A-31527-2224 35.22
 E-26 32.00
 BAS. PRESSURE -24.95
 ASS. DIRECTIVITY 3.976

FAS PA / SOURCE PRESSURE = PHASE 5R + 5C 7/3 1/27/77 R/C 1/3777A-3

RUN #11 REC#885 SPEED#020
 111

SOL PRESSURE LEVELS & JOCK IN ST. DARR DAY

RADIAL DISTANCE 23

PREC.	12.2	2.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2
493	77.2	75.2	73.2	71.2	69.2	67.2	65.2	63.2	61.2	59.2	57.2	55.2	53.2	51.2	49.2	47.2
52	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1
63	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
82	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
102	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
122	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
142	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
162	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
182	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
202	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
222	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
242	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
262	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
282	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
302	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
322	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
342	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
362	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
382	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
402	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
422	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
442	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
462	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
482	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
502	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
522	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
542	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
562	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
582	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
602	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
622	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
642	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
662	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
682	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
702	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
722	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
742	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
762	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
782	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
802	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
822	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
842	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
862	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
882	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
902	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
922	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
942	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
962	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
982	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
1002	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
1022	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
1042	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
1062	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1082	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1142	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1162	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1182	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1202	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1222	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1242	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1262	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1282	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1322	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1342	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1362	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1382	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1402	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1422	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1442	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MEASURED CASP
CALCULATE CASP
P 29

AUDIE, SEV1 33.22
E300 32.00
SAR, PRESS RE 28.95
ABS. SENSITIVITY 3.974

FAA FAX/CORPRESSOR - PHASE 5B - SC. 7/D. 1/22/77. RVD. 1/12/78-3
RUBRI 502884 SPEED=6450
CAPUL1 157.5

RADIAL DISTANCE 252

SO: PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2
57	3.73	-3.72	-3.71	-3.70	-3.69	-3.68	-3.67	-3.66	-3.65	-3.64	-3.63	-3.62	-3.61	-3.60	-3.59	-3.58	-3.57	-3.56	-3.55	-3.54	-3.53
63	1.92	-4.66	-1.32	-4.86	-4.30	-3.46	-1.37	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26
83	2.16	-5.38	-4.24	-4.46	-3.47	-2.59	-1.49	-1.12	-1.29	-1.45	-1.62	-1.79	-1.96	-2.13	-2.30	-2.47	-2.64	-2.81	-2.98	-3.15	-3.32
127	-2.91	-4.78	-4.55	-4.21	-1.59	-1.35	-1.08	-1.54	-1.78	-2.02	-2.26	-2.50	-2.74	-2.98	-3.22	-3.46	-3.70	-3.94	-4.18	-4.42	-4.66
125	-2.52	-4.57	-5.52	-3.75	-2.97	-2.52	-1.66	-1.42	-1.62	-1.86	-2.10	-2.34	-2.58	-2.82	-3.06	-3.30	-3.54	-3.78	-4.02	-4.26	-4.50
161	-2.68	-4.01	-4.89	-3.82	-2.49	-2.06	-1.16	-1.11	-1.25	-1.49	-1.73	-1.97	-2.21	-2.45	-2.69	-2.93	-3.17	-3.41	-3.65	-3.89	-4.13
202	-1.33	-5.72	-4.23	-4.33	-2.33	-2.11	-1.77	-2.61	-2.89	-3.17	-3.45	-3.73	-4.01	-4.29	-4.57	-4.85	-5.13	-5.41	-5.69	-5.97	-6.25
252	-1.326	-4.42	-4.99	-4.31	-2.33	-2.13	-1.63	-2.17	-2.76	-3.35	-3.94	-4.53	-5.12	-5.71	-6.30	-6.89	-7.48	-8.07	-8.66	-9.25	-9.84
319	-1.326	-1.145	-3.27	-4.25	-2.02	-2.21	-1.11	-2.51	-3.05	-3.59	-4.13	-4.67	-5.21	-5.75	-6.29	-6.83	-7.37	-7.91	-8.45	-8.99	-9.53
522	-1.39	-2.32	-1.33	-2.78	-3.31	-2.26	-2.17	-1.78	-2.86	-3.44	-4.02	-4.60	-5.18	-5.76	-6.34	-6.92	-7.50	-8.08	-8.66	-9.24	-9.82
562	-1.857	-1.75	-1.19	-1.78	-1.27	-1.43	-1.99	-2.52	-3.05	-3.58	-4.11	-4.64	-5.17	-5.70	-6.23	-6.76	-7.29	-7.82	-8.35	-8.88	-9.41
822	-6.993	2.825	2.484	-4.13	-1.872	-1.66	-1.838	-2.51	-3.19	-3.87	-4.55	-5.23	-5.91	-6.59	-7.27	-7.95	-8.63	-9.31	-9.99	-10.67	-11.35
1252	-1.39	1.893	1.212	-1.51	-1.53	-2.81	-1.17	-4.39	-1.66	-2.94	-4.22	-5.50	-6.78	-8.06	-9.34	-10.62	-11.90	-13.18	-14.46	-15.74	-17.02
1622	1.465	3.628	1.419	0.951	-1.35	0.654	-2.59	-0.24	-5.35	1.437	2.027	2.617	3.207	3.797	4.387	4.977	5.567	6.157	6.747	7.337	7.927
2222	-2.14	2.128	2.231	-3.13	-1.68	-1.73	-2.32	-3.91	-5.50	-7.09	-8.68	-10.27	-11.86	-13.45	-15.04	-16.63	-18.22	-19.81	-21.40	-22.99	-24.58
2522	-1.22	1.484	2.412	-1.81	1.139	-2.35	2.392	7.777	2.366	-1.909	1.849	-5.87	-2.194	1.849	-5.87	-2.194	1.849	-5.87	-2.194	1.849	-5.87
3122	-3.13	-3.12	-2.83	-1.19	-1.89	-2.39	1.839	2.522	4.733	5.607	6.481	7.355	8.229	9.103	9.977	10.851	11.725	12.599	13.473	14.347	15.221
4222	-3.37	-1.62	-3.09	1.227	-1.24	1.831	1.915	2.997	2.786	1.195	-1.02	-4.77	-9.48	-14.19	-18.90	-23.61	-28.32	-33.03	-37.74	-42.45	-47.16
5222	-2.73	2.265	-1.44	-1.69	-2.22	0.345	-2.15	7.184	1.512	3.237	2.826	-4.77	-5.23	-5.69	-6.15	-6.61	-7.07	-7.53	-7.99	-8.45	-8.91
6222	-3.69	-2.39	4.427	-3.26	-4.59	-2.78	9.283	3.888	4.896	1.823	9.934	-5.16	-3.69	-1.59	-4.61	-7.74	-10.87	-14.00	-17.13	-20.26	-23.39
8222	-1.934	-1.89	-2.37	-1.45	-1.24	-1.98	-3.62	7.762	1.991	3.538	2.862	-1.59	-4.61	-7.74	-10.87	-14.00	-17.13	-20.26	-23.39	-26.52	-29.65
12222	-1.66	-1.459	-2.49	-2.74	-3.08	-1.99	-0.22	9.976	3.141	3.519	3.257	-2.69	-5.56	-8.43	-11.30	-14.17	-17.04	-19.91	-22.78	-25.65	-28.52

13

AMBIENT TEMP. 32.22
 MET-BLSE TEMP. 32.22
 BAR PRESSURE 24.92
 ABS. HUMIDITY 3.974

FAA FAULT PRESSURE - PHASE 58 * 50 T/D 1/27/77 475 1/30/78-3

RUW11 437856 SPEED 06457

DATE: 2/1/77

RADIAL DISTANCE 252

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

ANGLES FROM 10.5 DEG

FR.	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2
51	74.73	58.55	45.17	68.28	49.37	71.81	56.85	71.45	72.87	73.59	74.41	74.75	88.47	138.7							
63	71.62	69.17	72.42	69.80	69.11	72.27	72.74	71.93	72.97	74.26	74.95	77.13	79.61	138.9							
82	65.38	47.49	48.12	68.58	48.11	72.71	71.66	71.45	73.28	74.19	75.25	77.81	78.22	139.0							
122	72.29	71.97	78.53	73.18	71.29	74.34	72.37	74.25	75.15	79.36	79.57	82.59	79.97	139.8							
125	74.73	71.81	45.27	71.53	78.99	72.97	72.32	73.53	74.82	77.49	78.21	79.35	82.22	139.9							
130	68.12	47.92	67.55	68.95	69.19	71.21	71.93	72.22	73.49	74.22	75.64	76.22	76.24	139.5							
138	64.54	66.87	47.38	68.57	68.12	68.02	71.14	71.17	71.51	72.22	73.02	73.43	73.43	139.8							
252	64.75	62.67	61.99	62.97	63.64	67.18	56.29	67.33	66.85	66.16	70.45	72.27	68.98	139.1							
312	65.27	69.59	47.17	61.94	64.19	64.14	65.89	64.74	68.24	68.62	72.13	73.10	78.11	139.4							
422	67.56	68.81	75.82	68.39	67.42	69.41	68.37	69.29	71.31	73.76	76.22	74.84	71.99	139.7							
542	72.96	73.22	74.89	73.11	73.68	74.23	73.85	74.24	75.68	74.53	78.35	74.99	72.53	139.4							
633	76.59	77.84	78.19	77.04	76.43	77.67	79.17	76.16	76.85	78.67	82.24	78.72	76.26	139.7							
822	78.79	73.38	74.18	75.84	75.47	75.12	74.78	75.45	74.83	75.92	78.33	75.68	73.31	139.8							
1222	75.47	70.99	76.69	76.44	74.10	75.87	75.80	75.21	77.32	77.35	79.33	76.17	73.19	139.3							
1282	78.26	82.68	82.33	81.57	79.63	82.14	79.64	80.37	81.42	82.82	81.54	79.58	74.24	142.2							
1622	86.55	84.57	82.32	81.59	79.49	81.41	77.91	82.21	88.28	81.71	82.69	77.83	77.67	142.3							
2022	78.27	82.52	83.21	81.75	78.75	81.63	78.34	82.23	88.41	82.88	82.82	78.88	78.92	143.1							
2522	79.38	81.96	83.13	79.37	82.38	78.38	83.34	81.62	82.49	79.83	82.24	79.51	77.47	141.1							
3122	82.53	82.27	82.27	82.64	83.91	82.47	84.93	83.68	84.94	83.39	83.65	79.17	74.72	143.5							
4222	86.59	89.79	85.76	98.48	88.42	92.85	90.44	91.24	91.61	92.92	90.15	85.65	81.99	143.8							
5222	88.27	83.27	81.75	82.88	81.85	81.24	82.68	83.37	83.57	84.41	85.43	77.97	77.38	143.2							
6322	79.49	81.24	82.68	79.53	81.86	81.42	82.81	86.12	86.08	83.89	84.93	77.71	76.29	145.2							
8222	78.92	78.57	82.19	81.19	83.27	81.29	81.83	81.74	81.77	85.22	81.55	76.74	75.64	144.9							
10222	76.17	77.49	75.22	75.71	75.95	76.49	77.22	78.73	79.42	81.29	82.57	78.28	72.32	143.6							

MEASURED GASP -
CALCULATED GASP -

AMBIENT TEMP 35.82
EXHAUST TEMP 32.22
BAR PRESSURE 26.95
ABS HUMIDITY 3.976

FAA FAX/COMPRESSION - PHASE 5B & 5C Y/D 1/27/78 R/E 1/32/78C

QU 811 312897 SPEC666KZ

GAPKLI 158.1

FR	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
52	-3.12	-3.37	-3.75	-4.17	-4.64	-5.18	-5.79	-6.46	-7.18	-7.95	-8.78	-9.67	-10.62	-11.63	-12.70	-13.84	-15.04	-16.31	-17.64	-19.13	-20.77	-22.56	-24.50	-26.59	-28.83	-31.22	-33.76	-36.45	-39.29	-42.17	-45.10	-48.18	-51.41	-54.78	-58.30	-61.97	-65.79	-69.76	-73.88	-78.15	-82.57	-87.14	-91.85	-96.71	-101.72	-106.88	-112.19	-117.75	-123.56	-129.62	-135.94	-142.51	-149.34	-156.42	-163.75	-171.33	-179.16	-187.24	-195.57	-204.15	-212.98	-222.06	-231.40	-240.99	-250.84	-260.95	-271.32	-281.95	-292.84	-303.98	-315.37	-327.01	-338.90	-351.04	-363.43	-376.07	-388.95	-402.08	-415.46	-429.09	-442.97	-457.10	-471.48	-486.11	-499.99	-514.12	-528.50	-543.13	-558.01	-573.14	-588.52	-604.15	-619.94	-635.97	-652.25	-668.78	-685.56	-702.59	-719.87	-737.40	-755.18	-773.21	-791.49	-810.02	-828.80	-847.83	-867.11	-886.64	-906.42	-926.45	-946.73	-967.26	-988.04	-1009.07	-1030.35	-1051.88	-1073.66	-1095.69	-1117.97	-1140.50	-1163.28	-1186.31	-1209.59	-1233.12	-1256.90	-1280.93	-1305.21	-1329.74	-1354.52	-1379.55	-1404.83	-1430.36	-1456.14	-1482.17	-1508.45	-1534.98	-1561.76	-1588.79	-1616.07	-1643.60	-1671.38	-1699.41	-1727.69	-1756.22	-1785.00	-1814.03	-1843.31	-1872.84	-1902.62	-1932.65	-1962.93	-1993.46	-2024.24	-2055.27	-2086.55	-2118.08	-2149.86	-2181.89	-2214.17	-2246.70	-2279.48	-2312.51	-2345.79	-2379.32	-2413.10	-2447.13	-2481.41	-2515.94	-2550.72	-2585.75	-2621.03	-2656.56	-2692.34	-2728.37	-2764.65	-2801.18	-2837.96	-2874.99	-2912.27	-2949.80	-2987.58	-3025.61	-3063.89	-3102.42	-3141.20	-3180.23	-3219.51	-3259.04	-3298.82	-3338.85	-3379.13	-3419.66	-3460.44	-3501.47	-3542.75	-3584.28	-3626.06	-3668.09	-3710.37	-3752.90	-3795.68	-3838.71	-3881.99	-3925.52	-3969.30	-4013.33	-4057.61	-4102.14	-4146.92	-4191.95	-4237.23	-4282.76	-4328.54	-4374.57	-4420.85	-4467.38	-4514.16	-4561.19	-4608.47	-4655.99	-4703.76	-4751.78	-4799.95	-4848.27	-4896.84	-4945.66	-4994.73	-5044.05	-5093.62	-5143.44	-5193.51	-5243.83	-5294.40	-5345.22	-5396.29	-5447.61	-5499.18	-5551.00	-5603.07	-5655.39	-5707.96	-5760.78	-5813.85	-5867.17	-5920.74	-5974.56	-6028.63	-6082.95	-6137.52	-6192.34	-6247.41	-6302.73	-6358.30	-6414.12	-6470.19	-6526.51	-6583.08	-6640.00	-6697.27	-6754.89	-6812.76	-6870.88	-6929.25	-6987.87	-7046.74	-7105.86	-7165.23	-7224.85	-7284.72	-7344.84	-7405.21	-7465.83	-7526.70	-7587.82	-7649.19	-7710.81	-7772.68	-7834.80	-7897.17	-7959.79	-8022.66	-8085.78	-8149.15	-8212.77	-8276.64	-8340.76	-8405.13	-8469.75	-8534.62	-8599.74	-8665.11	-8730.73	-8796.60	-8862.72	-8929.09	-8995.71	-9062.58	-9129.70	-9197.07	-9264.69	-9332.56	-9400.68	-9469.05	-9537.67	-9606.54	-9675.66	-9745.03	-9814.65	-9884.52	-9954.64	-10025.01	-10095.63	-10166.50	-10237.62	-10308.99	-10380.61	-10452.48	-10524.60	-10596.97	-10669.59	-10742.46	-10815.58	-10888.95	-10962.57	-11036.44	-11110.56	-11184.93	-11259.55	-11334.42	-11409.54	-11484.91	-11560.53	-11636.40	-11712.52	-11788.89	-11865.51	-11942.38	-12019.50	-12096.87	-12174.50	-12252.38	-12330.51	-12408.89	-12487.52	-12566.40	-12645.53	-12724.91	-12804.54	-12884.42	-12964.55	-13044.93	-13125.56	-13206.44	-13287.57	-13368.95	-13450.58	-13532.46	-13614.59	-13696.97	-13779.60	-13862.48	-13945.61	-14029.09	-14112.82	-14196.80	-14281.03	-14365.51	-14450.24	-14535.22	-14620.45	-14705.93	-14791.66	-14877.64	-14963.87	-15050.35	-15137.08	-15224.06	-15311.29	-15398.77	-15486.50	-15574.48	-15662.71	-15751.19	-15840.02	-15929.10	-16018.43	-16108.01	-16197.84	-16287.92	-16378.25	-16468.83	-16559.66	-16650.74	-16742.07	-16833.65	-16925.48	-17017.56	-17109.89	-17202.47	-17295.30	-17388.38	-17481.71	-17575.29	-17669.12	-17763.20	-17857.53	-17952.11	-18046.94	-18142.02	-18237.35	-18332.93	-18428.76	-18524.84	-18621.17	-18717.75	-18814.58	-18911.66	-19009.00	-19106.59	-19204.43	-19302.52	-19400.86	-19499.45	-19598.29	-19697.38	-19796.72	-19896.31	-19996.15	-20096.24	-20196.58	-20297.17	-20398.01	-20499.10	-20599.44	-20699.93	-20799.57	-20899.36	-20999.30	-21099.39	-21199.63	-21299.92	-21399.36	-21498.95	-21598.69	-21698.58	-21798.62	-21898.81	-21999.06	-22099.37	-22199.73	-22299.15	-22398.63	-22498.17	-22597.77	-22697.43	-22797.15	-22896.93	-22996.76	-23096.64	-23196.57	-23296.55	-23396.58	-23496.66	-23596.79	-23696.96	-23797.18	-23897.45	-23997.77	-24098.14	-24198.56	-24299.03	-24399.55	-24499.12	-24598.74	-24698.41	-24798.13	-24897.90	-24997.72	-25097.59	-25197.51	-25297.48	-25397.50	-25497.57	-25597.69	-25697.85	-25798.06	-25898.31	-25998.60	-26098.94	-26199.32	-26299.75	-26399.23	-26498.76	-26598.34	-26698.01	-26797.73	-26897.50	-26997.32	-27097.19	-27197.11	-27297.07	-27397.08	-27497.13	-27597.23	-27697.38	-27797.57	-27897.80	-27998.07	-28098.39	-28198.75	-28299.15	-28399.60	-28499.10	-28598.64	-28698.22	-28797.84	-28897.50	-28997.20	-29096.94	-29196.72	-29296.54	-29396.41	-29496.33	-29596.29	-29696.29	-29796.33	-29896.41	-29996.53	-30096.69	-30196.89	-30297.13	-30397.41	-30497.73	-30598.09	-30698.49	-30798.93	-30899.41	-30999.93	-31099.49	-31199.10	-31298.76	-31398.46	-31498.20	-31598.00	-31697.84	-31797.72	-31897.64	-31997.60	-32097.60	-32197.64	-32297.72	-32397.84	-32497.99	-32598.18	-32698.41	-32798.68	-32898.99	-32999.34	-33099.73	-33199.16	-33298.63	-33398.14	-33497.69	-33597.28	-33696.91	-33796.58	-33896.30	-33996.06	-34095.86	-34195.70	-34295.58	-34395.50	-34495.45	-34595.43	-34695.45	-34795.51	-34895.61	-34995.74	-35095.90	-35196.09	-35296.31	-35396.56	-35496.84	-35597.15	-35697.49	-35797.86	-35898.26	-35998.69	-36099.15	-36199.64	-36299.16	-36398.71	-36498.30	-36597.92	-36697.57	-36797.26	-36896.99	-36996.76	-37096.57	-37196.41	-37296.29	-37396.20	-37496.14	-37596.11	-37696.11	-37796.14	-37896.20	-37996.30	-38096.43	-38196.59	-38296.78	-38396.99	-38497.23	-38597.50	-38697.80	-38798.13	-38898.49	-38998.88	-39099.30	-39199.75	-39299.23	-39398.74	-39498.28	-39597.85	-39697.46	-39797.09	-39896.75	-39996.44	-40096.16	-40195.91	-40295.69	-40395.50	-40495.34	-40595.21	-40695.11	-40795.03	-40894.97	-40994.93	-41094.91	-41194.92	-41294.95	-41394.99	-41495.04	-41595.11	-41695.20	-41795.31	-41895.44	-41995.59	-42095.75	-42195.93	-42296.13	-42396.34	-42496.56	-42596.80	-42697.06	-42797.34	-42897.64	-42997.96	-43098.30	-43198.66	-43299.04	-43399.44	-43499.86	-43599.29	-43698.74	-43798.21	-43897.70	-43997.21	-44096.74	-44196.30	-44295.88	-44395.49	-44495.13	-44594.80	-44694.50	-44794.23	-44894.00	-44993.80	-45093.62	-45193.46	-45293.32	-45393.21	-45493.12	-45593.05	-45693.00	-45793.00	-45893.01	-45993.03	-46093.07	-46193.13	-46293.21	-46393.31	-46493.42	-46593.55	-46693.69	-46793.85	-46894.02	-46994.21	-47094.41	-47194.62	-47294.84	-47395.07	-47495.31	-47595.57	-47695.84	-47796.13	-47896.43	-47996.74	-48097.06	-48197.39	-48297.73	-48398.08	-48498.45	-48598.84	-48699.24	-48799.65	-48899.07	-48999.50	-49099.94	-49199.39	-49298.86	-49398.34	-49497.84	-49597.35	-49696.87	-49796.41	-49895.97	-49995.55	-50095.15	-50194.77	-50294.41	-50394.07	-50493.75	-50593.45	-50693.17	-50792.92	-50892.69	-50992.48	-51092.29	-51192.12	-51292.00	-51391.90	-51491.82	-51591.76	-51691.71	-51791.69	-51891.68	-51991.69	-52091.71	-52191.74	-52291.78	-52391.83	-52491.89	-52591.96	-52692.04	-52792.13	-52892.23	-52992.34	-53092.46	-53192.59	-53292.72	-53392.87	-53493.03	-53593.19	-53693.37	-53793.55	-53893.74	-53993.94	-54094.15	-54194.37	-54294.60	-54394.84	-54495.09	-54595.35	-54695.62	-54795.90	-54896.19	-54996.49	-55096.80	-55197.12	-55297.45	-55397.79	-55498.14	-55598.50	-55698.87	-55799.25	-55899.64	-55999.95	-56099.99	-56199.99	-56299.99	-56399.99	-56499.99	-56599.99	-56699.99	-56799.99	-56899.99	-56999.99	-57099.99	-57199.99	-57299.99	-57399.99	-57499.99	-57599.99	-57699.99	-57799.99	-57899.99	-57999.99	-58099.99	-58199.99	-58299.99	-58399.99	-58499.99	-58599.99	-58699.99	-58799.99	-58899.99	-58999.99	-59099.99	-59199.99	-59299.99	-59399.99	-59499.99	-59599.99	-59699.99	-59799.99	-59899.99	-59999.99	-60099.99

AMBIENT TEMPER: 35.02
 METABOLIC EXP: 32.02
 RAZ. PRESSURE: 28.00
 ASS. VISICITY: 3.976

FAA TAY COMPRESSOR - PHASE 59 * 5C * 7/5 * 27773 R/D 1/32770-3
 RUN#1 R01#87 SPEED=662

RADIAL DISTANCE 252

SOUND PRESSURE LEVELS REDUCED AT SEA DARK DAY

REF	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2		
51	74.76	71.73	59.23	72.19	71.37	71.14	71.43	72.73	74.23	74.92	75.89	78.37	81.87	131.9							
63	73.42	72.21	72.67	72.72	71.46	71.22	73.83	72.87	74.38	75.74	76.95	79.26	81.73	132.4							
81	72.17	72.38	59.71	74.51	74.59	72.13	72.63	73.23	74.98	75.71	77.27	79.15	82.64	132.3							
12	59.62	72.78	72.26	72.56	73.16	73.29	74.42	74.59	75.29	76.93	78.44	82.42	81.39	133.6							
125	72.89	71.82	73.22	74.27	77.96	77.24	78.66	75.84	77.72	79.75	81.43	81.57	81.88	136.4							
167	69.99	72.94	68.78	70.58	71.25	72.22	73.26	73.53	75.12	75.76	77.29	78.27	78.37	132.2							
20	68.71	69.84	67.68	69.78	69.62	70.49	72.36	72.42	73.44	77.13	75.38	76.42	73.43	133.2							
25	69.79	66.28	62.43	67.17	66.71	63.24	67.84	68.73	68.35	68.23	72.68	75.13	78.92	127.1							
33	67.17	71.11	67.87	65.82	64.64	64.23	67.12	63.83	67.33	72.92	72.84	72.67	72.53	127.1							
42	68.81	71.78	71.87	69.29	69.29	69.59	70.26	73.17	72.69	75.57	77.33	75.51	72.63	138.9							
50	71.18	74.66	74.23	73.97	75.25	75.43	75.66	74.14	77.89	78.32	82.49	78.14	73.84	134.9							
63	76.45	78.72	77.47	77.92	77.53	78.42	79.51	82.41	83.68	80.35	81.32	82.73	78.13	137.9							
74	77.22	78.28	75.75	77.78	76.11	76.42	79.11	77.92	79.21	77.22	78.43	78.14	77.97	136.5							
124	76.21	78.44	75.46	76.87	75.12	75.27	78.11	75.93	78.22	77.93	78.66	75.61	74.29	135.6							
125	78.38	82.62	81.91	82.36	88.85	81.88	82.68	82.72	82.37	83.34	84.28	79.05	78.12	148.7							
162	92.42	85.54	82.23	81.94	82.15	81.59	78.42	82.71	81.25	82.51	83.19	78.39	78.41	142.0							
222	78.85	82.57	83.16	81.48	79.54	81.94	79.66	82.17	81.32	81.23	85.45	74.53	77.77	141.1							
252	88.21	82.38	82.76	79.29	82.37	78.69	84.28	82.21	82.75	80.12	82.84	75.37	77.76	141.3							
315	88.59	81.22	82.14	82.25	84.27	81.23	86.58	86.78	87.51	83.68	82.44	72.19	73.29	144.1							
422	88.33	89.79	86.17	92.42	92.43	92.77	88.39	94.44	93.69	93.96	88.77	84.26	82.97	151.5							
522	84.54	87.22	84.39	86.94	86.78	89.23	85.24	92.41	86.41	92.58	87.73	81.35	82.13	148.5							
622	82.76	82.17	82.86	82.11	81.82	82.27	81.71	84.19	87.24	82.89	83.18	78.17	76.41	145.3							
822	82.67	82.71	79.99	81.38	82.22	82.74	82.23	83.21	83.37	85.61	83.21	77.82	75.07	145.4							
1822	77.66	79.77	76.46	78.15	78.13	78.24	79.73	83.63	81.28	83.22	82.66	76.38	73.61	145.6							
1822	94.27	96.12	94.17	95.35	95.14	96.35	95.21	97.89	96.75	97.95	96.72	94.11	94.19	145.6							
1822	93.36	95.16	93.11	94.67	94.74	96.21	94.62	97.79	136.8	97.61	93.93	92.64	92.12	145.6							
1822	128.6	117.2	127.8	117.8	118.1	111.4	129.5	113.2	113.5	112.9	126.5	126.5	126.5	145.6							

OAPALI 156.3

ARRIVE TEMP 35.32
 SURFACE TEMP 32.82
 SURFACE PRESSURE 28.95
 SURFACE SALINITY 34.924

FAP FA SURVEILLANCE - PHASE 5B + SC T/P 1/27/78 R/O 1/31/78-3
 SURVEILLANCE SPEED=69.77

RADIAL DISTANCE 232

DATE 2-27-77

STATION PRESSURE LEVELS CIRCUMFERENCE INDEX

STATION	2.2	2.2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
5535	-2.48	-2.9A	-4.22	-2.81	-3.41	-2.72	-1.48	-1.11	1.65	1.47	1.27	1.37	1.47	1.57	1.67	1.77	1.87	1.97	2.07	2.17
1.69	-2.05	-2.24	-3.02	-2.22	-3.48	-2.13	-1.64	-1.31	1.22	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
4.37	-3.99	-4.66	-3.83	-3.47	-2.83	-1.54	-1.11	1.62	1.45	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
5.92	-4.77	-5.24	-2.54	-2.17	-2.21	-1.45	-1.44	-1.21	1.42	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
5.23	-4.26	-4.68	-1.61	-2.89	-0.71	-1.47	-2.07	-1.87	1.84	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53
1.53	-2.93	-5.14	-1.32	-2.64	-1.71	-1.63	-1.97	-1.31	1.81	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
2.93	-2.79	-4.95	-2.04	-3.23	-2.14	-2.77	-1.91	-1.83	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43
1.55	-2.52	-6.25	-1.44	-3.93	-4.43	-2.32	-2.44	-2.55	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45
1.35	2.53	-1.47	-2.72	-3.68	-4.24	-1.14	-2.69	-1.19	2.39	4.32	4.15	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11
3.41	-4.52	-3.45	-3.13	-3.12	-2.83	-1.02	-2.21	1.42	1.27	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
2.97	-1.42	1.759	-2.11	-1.43	-1.89	-1.22	-1.22	1.22	1.19	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22
2.25	-1.10	-1.54	-2.12	-1.52	-1.82	-1.33	-1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
4.22	2.137	-1.694	-1.87	-1.13	-1.24	1.866	1.316	1.761	1.839	1.919	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989	1.989
1.22	2.124	1.267	1.545	1.121	1.126	1.225	1.124	1.585	1.994	2.358	2.719	2.719	2.719	2.719	2.719	2.719	2.719	2.719	2.719	2.719
1.57	1.382	1.716	1.156	1.586	1.176	1.558	1.524	1.926	2.096	2.036	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59
1.62	1.328	1.821	1.184	1.422	1.281	1.524	1.281	1.79	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24
2.82	1.341	1.969	1.499	1.65	1.742	1.53	1.124	1.474	1.844	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271	1.271
2.22	1.228	1.654	1.141	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161	1.161
3.52	1.798	-2.49	-3.37	-1.24	1.951	-2.31	2.988	3.183	3.992	1.612	3.27	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33
4.22	1.433	4.25	1.84	1.825	2.333	-2.63	4.215	2.65	3.143	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66
5.22	1.142	-2.66	-1.18	-1.32	2.141	-1.84	3.319	1.53	3.495	1.665	1.665	1.665	1.665	1.665	1.665	1.665	1.665	1.665	1.665	1.665
4.82	1.528	-1.18	-2.72	-1.14	-2.83	-1.24	3.322	1.322	1.322	1.322	1.322	1.322	1.322	1.322	1.322	1.322	1.322	1.322	1.322	1.322
8.22	1.873	1.59	-2.22	-1.34	-1.888	1.476	1.427	1.788	1.221	1.221	1.221	1.221	1.221	1.221	1.221	1.221	1.221	1.221	1.221	1.221
1.222	1.58	3.16	-3.21	-1.12	-1.34	-1.32	2.63	1.151	1.846	3.732	3.219	3.219	3.219	3.219	3.219	3.219	3.219	3.219	3.219	3.219

AMBIENT TEMP. 35.02
 AIR-BUR. TEMP. 12.32
 BAR. PRESSURE 29.95
 AIR HUMIDITY 31.976

FAA FAN COMPRESSOR - PHASE 2 & 50 T/C 1/27/78 R/D. 1/30/78-3

S. 111 R0188

DATE: 2/24/72

RADIAL DISTANCE 252

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SOOT PRESSURE LEVELS SECURED AT STANDARD DAY

AREA	7.2	12.7	21.2	32.7	47.3	58.2	67.7	77.7	88.2	92.2	102.7	112.7	122.7	132.7	142.7	152.7	162.7	172.7	182.7					
5R	72.45	69.45	66.34	65.19	64.81	64.89	64.87	64.78	64.78	64.78	64.78	64.78	64.78	64.78	64.78	64.78	64.78	64.78	64.78	64.78				
82	67.85	67.82	67.32	67.22	67.21	67.21	67.21	67.21	67.21	67.21	67.21	67.21	67.21	67.21	67.21	67.21	67.21	67.21	67.21	67.21	67.21			
82	66.93	67.27	66.35	64.45	63.54	64.21	64.22	64.22	64.22	64.22	64.22	64.22	64.22	64.22	64.22	64.22	64.22	64.22	64.22	64.22	64.22	64.22		
102	66.64	67.63	64.84	64.94	64.22	64.67	64.44	64.38	64.52	64.27	64.25	64.25	64.25	64.25	64.25	64.25	64.25	64.25	64.25	64.25	64.25	64.25	64.25	
122	65.72	67.83	64.24	63.87	64.59	65.31	65.97	66.59	67.25	68.55	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95
142	64.54	64.32	64.73	63.42	64.12	65.37	66.82	68.44	69.73	71.58	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62	72.62
162	64.81	64.15	65.26	63.34	64.82	64.53	66.28	69.19	68.89	68.55	68.46	68.46	68.46	68.46	68.46	68.46	68.46	68.46	68.46	68.46	68.46	68.46	68.46	68.46
182	63.47	63.88	64.73	63.49	62.51	62.82	64.42	63.35	64.92	64.72	64.97	64.97	64.97	64.97	64.97	64.97	64.97	64.97	64.97	64.97	64.97	64.97	64.97	64.97
202	64.35	64.22	63.74	65.94	62.24	62.84	63.36	61.27	63.77	62.76	63.64	61.33	65.21	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
222	64.29	63.51	63.72	63.17	62.27	62.48	63.89	62.14	61.32	61.41	62.61	62.39	62.91	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
242	67.54	67.26	66.92	65.13	65.87	65.86	64.88	64.85	65.29	65.76	67.75	63.84	61.53	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
262	78.48	74.45	68.87	78.21	69.39	62.22	69.16	69.69	78.44	72.46	71.62	69.82	68.33	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
282	72.29	71.89	69.68	69.05	68.99	68.33	70.38	70.88	72.87	72.53	72.62	72.38	70.16	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
302	74.29	74.92	73.71	72.21	68.35	68.64	70.26	72.12	72.74	73.59	73.34	72.62	72.39	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
322	77.23	78.18	74.49	78.42	76.17	74.14	72.53	72.69	73.83	75.29	74.92	72.91	69.96	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
342	78.24	77.88	73.42	73.42	72.16	74.49	73.82	73.32	73.81	76.28	76.22	72.74	71.19	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
362	75.78	76.64	73.94	73.68	71.42	73.98	74.85	73.29	73.73	75.64	75.69	71.25	71.86	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
382	75.89	74.39	74.74	72.92	72.54	72.78	74.94	72.42	72.63	73.88	74.44	71.38	72.58	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
402	63.61	79.29	77.26	82.67	82.47	77.87	82.71	83.91	87.24	83.14	81.79	79.87	73.59	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
422	74.25	76.85	73.67	75.43	73.49	74.43	76.64	75.26	78.29	79.57	76.73	73.52	72.43	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
442	75.22	76.82	75.78	72.32	71.67	74.53	72.92	76.27	77.22	78.69	78.46	78.28	72.47	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
462	72.84	74.69	72.82	72.22	71.52	73.09	72.99	79.15	82.95	78.67	77.59	76.19	74.28	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
482	76.27	74.93	73.22	72.61	72.92	72.32	71.85	74.33	75.45	77.87	79.36	79.69	69.35	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
502	77.46	76.72	74.61	75.28	73.53	73.75	74.26	75.17	74.52	77.82	76.31	72.92	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2

MEASURED GASPL
 CALCULATE GASPL
 PND9

AMBIENT TEMP. 34.82
 WET-BULB TEMP. 20.49
 BAR. PRESS. RE 24.99
 ABS. HUMIDITY 2.322

FAA FAN COMPRESSOR - PHASE 5P + 5C W/D 1/32/72 R/C 2/3/72-3
 RUN#11 90009
 SPEED=5227

148.7

DATE: 2/24/77

PARTIAL DISTANCE 252

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SCREW PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.0	12.0	22.0	32.0	42.0	52.0	62.0	72.0	82.0	92.0	102.0	112.0	122.0	132.0	142.0	152.0	162.0	172.0	182.0	192.0	202.0
20	1.483	1.424	1.624	1.777	1.416	1.487	1.429	1.219	1.273	1.248	1.118	1.118	1.248	1.118	1.118	1.248	1.118	1.118	1.248	1.118	1.118
60	1.43	1.46	1.724	1.57	1.35	1.42	1.594	1.44	1.284	1.157	1.263	1.164	1.263	1.164	1.263	1.164	1.263	1.164	1.263	1.164	1.263
80	1.578	1.241	1.116	1.322	1.97	1.51	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49
100	1.341	1.687	1.217	1.282	1.71	1.31	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59
120	1.128	1.722	1.283	1.259	1.97	1.52	1.877	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.275	1.275
160	1.216	1.177	1.097	1.24	1.21	1.41	1.637	1.396	1.235	1.425	1.369	1.423	1.369	1.423	1.369	1.423	1.369	1.423	1.369	1.423	1.369
200	1.939	1.57	1.454	1.38	1.72	1.19	1.437	1.221	1.177	1.324	1.273	1.324	1.273	1.324	1.273	1.324	1.273	1.324	1.273	1.324	1.273
240	1.138	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
280	1.988	1.988	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448	1.448
320	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999	1.999
360	1.712	1.712	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489	1.489
400	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899	1.899
440	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582	1.582
480	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583	1.583
520	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832
560	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832
600	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832
640	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832
680	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832
720	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832
760	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832
800	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832
840	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832
880	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832
920	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832	1.832

AMBIENT TEMP 32.00
 MET-BULB TEMP 26.40
 BAR. PRESSURE 28.00
 ABS. HUMIDITY 2.312

FAA FAN/COMPRESSOR - PHASE 5B * 5C T/D 1/30/72 R/D 2/3/72-3

RUVELL RDGAR9 SPEED=5022

DATE: 2/24/72

RADIAL DISTANCE 256

PAGE 1

SUN P.S. LEVELS REDUCED AT SYD AIR STAY

2.2	12.2	24.2	42.7	52.0	57.2	60.2	62.2	64.2	66.2	68.2	70.2	72.2	74.2	76.2	78.2	80.2	82.2	84.2	86.2	88.2	90.2	92.2	94.2	96.2	98.2	100.2	
75.94	73.24	72.28	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52	72.52
74.88	74.19	74.66	71.51	68.93	72.54	72.99	71.28	71.62	71.26	73.25	76.96	128.7	128.8	128.9	129.0	129.1	129.2	129.3	129.4	129.5	129.6	129.7	129.8	129.9	130.0	130.1	130.2
73.53	72.95	68.28	75.29	67.79	65.14	68.98	72.55	72.27	71.39	71.84	72.24	73.49	72.63	72.46	72.69	75.43	127.7	127.8	127.9	128.0	128.1	128.2	128.3	128.4	128.5	128.6	128.7
72.63	72.46	68.79	72.23	67.73	69.82	68.77	71.35	72.14	71.39	72.46	72.69	75.43	72.14	72.14	72.14	72.14	127.4	127.5	127.6	127.7	127.8	127.9	128.0	128.1	128.2	128.3	128.4
72.14	72.62	67.74	65.38	68.44	68.83	68.73	72.16	72.58	71.21	71.38	71.97	74.53	72.14	72.14	72.14	72.14	127.2	127.3	127.4	127.5	127.6	127.7	127.8	127.9	128.0	128.1	128.2
72.33	72.12	66.95	66.39	66.99	68.25	68.35	69.45	72.43	71.17	71.39	71.97	74.53	72.14	72.14	72.14	72.14	127.2	127.3	127.4	127.5	127.6	127.7	127.8	127.9	128.0	128.1	128.2
68.97	68.79	67.52	66.66	68.39	68.25	68.35	69.45	72.43	71.17	71.39	71.97	74.53	72.14	72.14	72.14	72.14	127.2	127.3	127.4	127.5	127.6	127.7	127.8	127.9	128.0	128.1	128.2
66.99	66.17	62.95	61.37	63.36	64.66	65.07	67.29	72.43	71.17	71.39	71.97	74.53	72.14	72.14	72.14	72.14	127.2	127.3	127.4	127.5	127.6	127.7	127.8	127.9	128.0	128.1	128.2
67.44	65.93	63.13	62.66	63.38	62.49	64.94	64.24	65.73	63.52	63.82	64.36	67.69	123.1	123.2	123.3	123.4	123.5	123.6	123.7	123.8	123.9	124.0	124.1	124.2	124.3	124.4	124.5
67.38	67.23	66.48	64.49	62.39	65.14	61.92	61.16	62.31	63.43	62.98	63.48	66.16	122.4	122.5	122.6	122.7	122.8	122.9	123.0	123.1	123.2	123.3	123.4	123.5	123.6	123.7	123.8
69.29	72.25	68.65	68.23	67.69	67.81	68.24	68.72	66.56	67.29	68.56	64.92	68.32	122.4	122.5	122.6	122.7	122.8	122.9	123.0	123.1	123.2	123.3	123.4	123.5	123.6	123.7	123.8
71.26	73.16	72.97	71.85	71.33	71.17	72.79	72.63	72.23	71.28	73.22	72.36	65.35	131.5	131.6	131.7	131.8	131.9	132.0	132.1	132.2	132.3	132.4	132.5	132.6	132.7	132.8	132.9
72.84	73.78	73.97	71.73	70.22	73.83	72.82	74.87	74.34	75.87	71.64	68.99	132.9	133.0	133.1	133.2	133.3	133.4	133.5	133.6	133.7	133.8	133.9	134.0	134.1	134.2	134.3	134.4
73.56	76.76	75.16	74.89	71.89	71.36	71.72	72.82	74.82	76.24	75.76	74.96	71.54	132.9	133.0	133.1	133.2	133.3	133.4	133.5	133.6	133.7	133.8	133.9	134.0	134.1	134.2	134.3
74.36	75.68	77.81	77.26	75.32	73.88	74.31	72.81	74.65	76.44	75.84	73.19	72.42	136.3	136.4	136.5	136.6	136.7	136.8	136.9	137.0	137.1	137.2	137.3	137.4	137.5	137.6	137.7
75.86	79.75	77.29	77.52	75.75	76.76	75.83	76.82	77.23	79.24	78.09	73.86	72.59	135.7	135.8	135.9	136.0	136.1	136.2	136.3	136.4	136.5	136.6	136.7	136.8	136.9	137.0	137.1
75.29	78.81	78.22	75.68	73.81	76.48	73.48	73.48	73.48	73.48	73.48	73.48	73.48	136.7	136.8	136.9	137.0	137.1	137.2	137.3	137.4	137.5	137.6	137.7	137.8	137.9	138.0	138.1
74.75	76.25	76.85	76.84	76.72	73.58	77.40	82.38	79.69	75.89	75.92	72.92	72.16	144.4	144.5	144.6	144.7	144.8	144.9	145.0	145.1	145.2	145.3	145.4	145.5	145.6	145.7	145.8
82.83	82.25	78.19	84.13	83.81	88.84	85.68	85.82	88.69	85.84	84.85	82.27	77.61	142.7	142.8	142.9	143.0	143.1	143.2	143.3	143.4	143.5	143.6	143.7	143.8	143.9	144.0	144.1
88.50	81.46	77.25	81.74	83.77	79.88	82.29	82.13	85.14	84.63	83.54	79.64	74.28	139.5	139.6	139.7	139.8	139.9	140.0	140.1	140.2	140.3	140.4	140.5	140.6	140.7	140.8	140.9
74.19	78.82	77.29	75.59	74.26	78.33	77.25	81.38	82.32	82.42	82.69	72.68	73.16	142.4	142.5	142.6	142.7	142.8	142.9	143.0	143.1	143.2	143.3	143.4	143.5	143.6	143.7	143.8
78.38	77.69	79.56	82.93	78.56	76.99	81.44	81.55	82.68	83.51	80.89	76.28	73.49	142.4	142.5	142.6	142.7	142.8	142.9	143.0	143.1	143.2	143.3	143.4	143.5	143.6	143.7	143.8
77.52	78.82	78.22	77.32	75.92	78.89	78.25	82.24	79.68	82.24	79.68	82.24	79.68	142.4	142.5	142.6	142.7	142.8	142.9	143.0	143.1	143.2	143.3	143.4	143.5	143.6	143.7	143.8
76.69	77.76	76.75	77.42	75.56	79.41	78.94	79.42	77.67	79.18	78.42	75.18	73.99	143.2	143.3	143.4	143.5	143.6	143.7	143.8	143.9	144.0	144.1	144.2	144.3	144.4	144.5	144.6
90.50	91.82	88.63	92.17	88.74	88.41	89.76	92.94	92.29	92.26	91.18	88.41	88.52	143.2	143.3	143.4	143.5	143.6	143.7	143.8	143.9	144.0	144.1	144.2	144.3	144.4	144.5	144.6
89.37	90.87	88.63	89.91	88.92	88.24	90.18	91.36	92.74	92.36	91.34	88.52	87.62	143.2	143.3	143.4	143.5	143.6	143.7	143.8	143.9	144.0	144.1	144.2	144.3	144.4	144.5	144.6
124.1	124.7	122.7	124.8	124.1	122.8	123.1	122.8	123.1	122.8	123.1	122.8	123.1	123.2	123.3	123.4	123.5	123.6	123.7	123.8	123.9	124.0	124.1	124.2	124.3	124.4	124.5	124.6

MEASURED OASPL
CALCULATED OASPL

AMBIENT TEMP. 32.02
WET-BULB TEMP. 26.45
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.112

FMA FAN/COMPRESSOR - PHASE 2B & 5C I/D 1/38/77 R/D 2/3/72-3

RUN#11 RUC#92 SPEED#5582

OASPL 131.4

DATE: 2/24/72

RACIAL DISTANCE 292

PAGE 2

SOIL PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	0.2	1.0	2.0	5.0	10.0	20.0	50.0	100.0	200.0	500.0	1000.0
52	3.345	2.618	2.313	2.274	2.255	2.248	2.244	2.241	2.238	2.235	2.232
63	2.671	1.981	2.453	2.722	3.068	3.467	3.947	4.512	5.281	6.259	7.472
88	2.758	2.181	3.149	4.158	5.358	6.818	8.618	10.818	13.518	16.818	20.818
100	1.917	1.743	1.92	2.083	2.299	2.569	2.892	3.269	3.702	4.192	4.743
120	1.801	2.443	2.44	2.388	2.274	2.132	1.97	1.809	1.647	1.485	1.323
160	1.925	1.7196	2.55	2.41	2.15	1.85	1.55	1.25	0.95	0.65	0.35
200	1.355	1.026	2.13	2.97	4.23	5.98	8.38	11.48	15.48	20.48	26.48
315	2.872	2.367	3.833	5.192	7.592	10.042	12.542	15.092	17.642	20.192	22.742
422	3.666	3.316	3.764	4.212	4.658	5.104	5.550	6.000	6.450	6.900	7.350
500	2.122	2.889	3.483	4.268	5.254	6.440	7.826	9.412	11.200	13.186	15.272
632	1.2785	2.179	2.229	2.294	2.365	2.436	2.507	2.578	2.649	2.720	2.791
800	1.158	1.347	1.41	1.438	1.473	1.508	1.543	1.578	1.613	1.648	1.683
1000	1.109	1.116	1.492	1.492	1.77	2.38	3.04	3.75	4.50	5.25	6.00
1200	1.815	4.315	1.857	1.911	2.732	3.844	5.254	6.966	8.978	11.290	13.902
1600	1.779	3.116	1.6561	1.887	2.871	4.171	5.881	8.091	10.801	14.111	18.021
2000	1.498	3.234	2.448	3.293	4.593	6.393	8.693	11.493	14.893	18.693	22.893
2500	1.77	1.277	3.291	4.48	6.168	8.668	11.968	16.168	21.368	27.568	34.768
3150	1.119	1.174	2.83	3.127	4.213	5.684	7.544	9.804	12.464	16.524	22.084
4000	1.125	1.169	4.38	4.955	6.57	9.245	12.975	17.765	23.615	30.525	38.495
5000	1.127	1.209	1.589	2.79	4.12	5.67	7.47	9.52	11.92	14.67	17.77
6300	1.157	1.286	1.303	2.744	4.139	5.74	7.59	9.79	12.34	15.24	18.49
8000	1.123	1.234	1.235	1.128	2.05	3.22	4.68	6.48	8.68	11.28	14.28
10000	1.788	1.8946	1.127	2.395	4.132	6.147	8.623	11.597	15.023	18.997	23.467

C21

AMBIENT TEMP 32.82
 WET-BULB TEMP 26.49
 BAR. PRESSURE 28.32
 ABS. HUMIDITY 2.312

FAA FAN/COMPRESSOR - PHASE 5B + 5C T/D 1/3277R R/D 2/3/72-3

RUN#11 RDO#92 SPEED#998

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

RACIAL DISTANCE 252

DATE: 2/20/77

FREQ:	3.E	12.E	22.E	32.E	42.E	52.E	62.E	72.E	82.E	92.E	102.E	112.E	122.E	132.E	142.E	152.E	162.E	172.E	182.E	192.E	202.E			
52	72.23	73.27	74.28	75.31	76.34	77.37	78.40	79.43	80.46	81.49	82.52	83.55	84.58	85.61	86.64	87.67	88.70	89.73	90.76	91.79	92.82			
63	67.22	71.79	75.97	79.53	82.62	85.31	87.53	89.28	90.62	91.53	92.00	92.15	92.28	92.38	92.45	92.50	92.53	92.55	92.56	92.57	92.57	92.57		
80	65.87	70.98	75.80	80.27	84.34	88.01	91.28	94.15	96.62	98.70	100.38	101.75	102.82	103.60	104.10	104.45	104.68	104.82	104.88	104.91	104.92	104.93		
100	64.21	70.56	76.07	80.75	84.59	87.57	89.69	91.02	91.94	92.42	92.65	92.78	92.84	92.88	92.90	92.91	92.92	92.92	92.92	92.92	92.92	92.92	92.92	
125	63.78	68.59	72.87	76.66	79.98	82.84	85.25	87.22	88.80	89.99	90.82	91.35	91.65	91.80	91.90	91.97	92.01	92.03	92.04	92.04	92.04	92.04	92.04	
160	63.64	67.47	70.78	73.58	75.87	77.65	79.02	80.00	80.62	80.94	81.11	81.23	81.31	81.36	81.39	81.41	81.42	81.43	81.43	81.43	81.43	81.43	81.43	81.43
200	63.62	66.48	68.79	70.58	71.94	72.92	73.54	73.92	74.19	74.38	74.51	74.59	74.64	74.67	74.69	74.70	74.71	74.71	74.71	74.71	74.71	74.71	74.71	74.71
250	63.64	65.47	66.78	67.58	68.11	68.44	68.62	68.70	68.75	68.78	68.80	68.81	68.82	68.82	68.82	68.82	68.82	68.82	68.82	68.82	68.82	68.82	68.82	68.82
315	63.64	64.28	64.79	65.18	65.48	65.64	65.72	65.76	65.78	65.79	65.80	65.80	65.80	65.80	65.80	65.80	65.80	65.80	65.80	65.80	65.80	65.80	65.80	65.80
400	63.64	63.28	62.83	62.40	62.00	61.64	61.31	61.01	60.73	60.48	60.25	60.04	59.85	59.68	59.53	59.40	59.29	59.20	59.13	59.07	59.02	58.98	58.95	
500	63.64	62.27	60.83	59.34	57.83	56.29	54.74	53.18	51.61	50.04	48.47	46.89	45.31	43.73	42.15	40.57	39.00	37.44	35.89	34.35	32.82	31.31	29.82	
630	63.64	60.82	57.98	55.14	52.31	49.50	46.71	43.95	41.23	38.55	35.91	33.32	30.78	28.28	25.82	23.40	21.03	18.71	16.44	14.22	12.05	9.93	7.86	
800	63.64	58.21	54.38	50.56	46.76	42.99	39.26	35.57	31.92	28.31	24.74	21.21	17.72	14.28	10.89	7.55	4.26	1.02	-0.17	-1.40	-2.67	-3.98	-5.33	
1000	63.64	52.78	47.95	43.14	38.36	33.62	28.93	24.29	19.70	15.16	10.67	6.23	1.85	-2.56	-7.92	-13.24	-18.52	-23.76	-28.96	-34.12	-39.25	-44.34	-49.39	
1250	63.64	47.52	42.70	37.91	33.16	28.46	23.81	19.21	14.66	10.16	5.71	1.31	-3.14	-8.45	-13.72	-18.95	-24.14	-29.29	-34.40	-39.47	-44.50	-49.49	-54.44	
1600	63.64	42.42	37.61	32.83	28.09	23.40	18.76	14.17	9.63	5.14	0.71	-3.66	-8.98	-14.26	-19.50	-24.70	-29.86	-34.98	-40.06	-45.10	-50.10	-55.06	-59.98	
2000	63.64	37.48	32.68	27.91	23.17	18.47	13.82	9.22	4.67	0.17	-4.28	-9.68	-15.04	-20.36	-25.64	-30.88	-36.08	-41.24	-46.36	-51.44	-56.48	-61.48	-66.44	
2500	63.64	32.70	27.91	23.14	18.41	13.72	9.08	4.49	-0.15	-4.86	-10.26	-15.61	-20.91	-26.16	-31.36	-36.51	-41.62	-46.69	-51.72	-56.71	-61.66	-66.57	-71.44	
3150	63.64	28.08	23.31	18.56	13.85	9.16	4.51	-0.19	-5.48	-10.87	-16.26	-21.64	-27.01	-32.36	-37.68	-42.96	-48.20	-53.41	-58.58	-63.71	-68.80	-73.85	-78.86	
4000	63.64	23.62	18.86	14.11	9.38	4.68	-0.11	-5.96	-11.33	-16.70	-22.06	-27.41	-32.74	-38.05	-43.33	-48.57	-53.77	-58.93	-64.05	-69.13	-74.17	-79.17	-84.13	
5000	63.64	19.32	14.57	9.82	5.09	0.38	-4.39	-9.76	-15.13	-20.49	-25.84	-31.17	-36.48	-41.76	-47.01	-52.23	-57.41	-62.55	-67.65	-72.71	-77.73	-82.71	-87.65	
6300	63.64	15.18	10.43	5.68	0.95	-3.84	-9.21	-14.58	-19.94	-25.29	-30.62	-35.93	-41.21	-46.45	-51.65	-56.81	-61.93	-67.01	-72.05	-77.05	-82.01	-86.93	-91.81	
8000	63.64	11.10	6.35	1.60	-3.17	-8.54	-13.91	-19.28	-24.64	-29.99	-35.32	-40.62	-45.88	-51.10	-56.28	-61.42	-66.52	-71.58	-76.60	-81.58	-86.52	-91.42	-96.27	
10000	63.64	7.18	2.43	-2.32	-7.69	-13.06	-18.43	-23.80	-29.16	-34.51	-39.84	-45.14	-50.41	-55.64	-60.83	-65.98	-71.09	-76.16	-81.19	-86.17	-91.11	-96.01	-100.86	

MEASURED CASPL
 CALCULATED CASPL
 PND8

AMBIENT TEMP. 52.80
 METEOROL. TEMP. 24.49
 BAR. PRESSURE 28.99
 ABS. HUMIDITY 2.312

FAA FAN/COMPRESSOR - PHASE 2B * 5C I/D. 1/3277' R/L. 2/3/73-3

RUN#11 RCG91 SPCRS97E

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.0	12.0	22.0	32.0	42.0	52.0	62.0	72.0	82.0	92.0	102.0	112.0	122.0	132.0	142.0	152.0	162.0	172.0	182.0							
52	-5.28	-2.04	-1.23	-1.72	-4.25	-2.83	2.059	1.44	4.014	-5.99	-9.34	-2.26	13.7	-7.28	-2.70	1.324	2.47	-3.68	6.248	4.115	-4.75	-8.57	-1.72	5.21		
63	-6.84	-1.73	-1.11	-1.43	-3.44	-2.32	2.332	4.42	3.333	2.142	3.071	-2.18	1.878	-8.87	-2.51	-1.99	-2.83	-3.93	-7.79	2.088	4.913	2.726	2.772	1.965	1.130	2.331
100	-8.23	-1.22	-1.78	-1.94	-2.79	-2.21	1.921	2.44	2.325	1.528	1.825	-1.82	3.232	-5.13	-2.71	-2.12	-2.23	-2.77	-4.82	1.431	5.217	2.927	2.152	1.322	2.596	
132	-8.69	-1.67	-1.86	-2.27	-3.27	-2.27	2.311	2.74	2.824	2.642	2.427	1.974	1.388	-6.78	-4.62	-4.58	-4.39	-3.88	-7.86	3.333	1.221	2.992	3.335	2.727	3.424	2.749
200	-9.24	-1.67	-1.71	-1.18	-2.35	-2.748	3.152	3.182	3.895	1.115	1.428	1.638	2.293	-2.473	-3.294	2.794	2.322	-3.827	-1.28	-2.29	-2.12	-2.54	-3.24	-1.399	-1.152	
282	-1.294	3.251	1.545	1.934	3.951	7.287	1.28	2.229	2.12	2.54	3.24	1.68	3.622	2.293	1.294	3.251	1.545	1.934	3.951	7.287	1.28	2.229	2.12	2.54	3.24	
362	-1.12	2.386	-1.88	1.531	-2.16	-2.36	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-2.38	-1.865	1.169	-1.19	-2.18	-2.36	-2.36	-2.36	-2.36	-2.36	-2.36	-2.36	-2.36	-2.36
482	2.473	4.684	2.849	2.239	2.795	1.72	2.74	2.24	2.69	1.354	2.277	1.52	1.222	1.782	2.739	1.386	1.234	-0.77	1.739	-0.17	-2.22	-1.75	1.936	1.831	4.28	-3.97
602	-1.168	2.828	1.885	1.828	-2.23	1.338	-2.66	-2.472	-2.071	2.276	2.566	3.76	-2.34	-1.768	-1.922	-1.977	-1.977	-1.977	-1.977	-1.977	-1.977	-1.977	-1.977	-1.977	-1.977	-1.977
722	-1.467	-1.66	-4.84	3.843	-6.18	-2.17	2.126	2.326	3.533	1.642	1.383	3.21	8.48	-1.787	-2.66	-5.88	1.333	-1.41	-3.87	3.846	-2.86	1.152	1.777	2.897	-3.27	-7.87
842	-3.827	-1.86	-1.824	-2.58	-3.76	1.828	-3.64	1.766	2.377	3.397	2.384	-6.08	-3.37	-1.672	-1.88	-1.47	-0.89	-1.52	1.859	1.983	3.628	1.479	1.161	3.69	-3.99	
962	-1.822	2.728	-1.71	-0.24	-1.89	-1.37	2.842	3.584	1.668	3.479	2.649	-3.11	1.864	1.932	1.789	-1.86	-1.57	-0.86	-1.696	1.926	1.343	3.925	1.823	-3.98	-3.92	

C23

AMBIENT TEMP. 32.22
 MET-BULB TEMP. 26.49
 BAR. PRESSURE 28.89
 ABS. HUMIDITY 2.312

FAA FAN/COMPRESSOR - PHASE 5B + 5C T/D 1/32772 R/D 2/3778-3

RUN#11 40092 SPEED=5757

PARTIAL DISTANCE 252

DATE: 2/7/72

SOURCE PRESSURE LEVELS REDUCED AT STANDARD TAV

FREQ	1.8	1.8	2.4	3.2	4.8	5.8	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2		
22	73.72	73.19	72.28	71.18	72.13	74.11	82.52	72.54	74.54	74.16	73.22	74.28	74.32	73.7							
24	69.51	72.37	74.54	72.39	71.57	73.89	72.44	71.77	74.13	73.83	73.18	74.12	73.76	74.07							
26	68.24	71.27	78.12	78.16	78.18	78.18	78.18	78.18	78.18	78.18	78.18	78.18	78.18	78.18							
28	68.95	71.12	78.28	71.11	78.82	72.52	78.71	72.72	74.37	75.51	76.57	76.45	77.22	78.6							
30	68.58	72.87	88.82	72.23	82.77	71.48	72.29	71.54	72.24	73.38	73.78	74.15	74.24	74.9							
32	67.14	68.67	67.45	66.68	68.52	72.99	59.91	72.99	72.11	72.61	73.44	73.16	73.86	73.8							
34	64.66	64.21	63.48	62.97	63.81	67.26	66.68	68.38	68.96	68.66	72.89	71.92	71.65	72.61							
36	64.22	63.21	62.88	62.87	63.87	64.48	64.48	64.48	64.48	64.48	64.48	64.48	64.48	64.48							
38	67.66	66.86	66.98	66.87	64.46	66.87	64.48	64.48	64.48	64.48	64.48	64.48	64.48	64.48							
40	68.45	74.75	71.12	74.43	63.23	63.81	63.81	63.81	63.81	63.81	63.81	63.81	63.81	63.81							
42	72.97	74.53	73.82	73.73	72.39	75.54	72.85	72.81	73.81	73.13	75.79	72.88	69.43	73.7							
44	73.82	73.83	71.88	73.38	72.38	72.54	74.88	73.55	74.54	73.37	74.34	72.88	74.58	73.7							
46	74.36	74.33	74.72	74.28	71.98	73.24	73.72	74.49	75.49	76.66	76.76	75.17	76.18	76.18							
48	78.39	81.44	72.48	72.15	74.88	72.27	75.66	75.24	76.19	77.55	77.85	74.32	73.87	73.87							
50	79.18	88.68	71.94	78.82	76.95	79.31	76.45	76.95	78.80	80.51	80.27	74.21	74.93	74.93							
52	77.48	81.85	88.97	74.85	72.14	78.85	75.11	77.27	78.82	79.88	78.37	73.28	74.84	74.84							
54	77.98	78.16	79.43	76.44	77.68	75.72	78.84	81.21	81.25	81.25	81.25	81.25	81.25	81.25							
56	81.43	78.87	77.41	82.42	88.34	77.82	81.71	83.22	84.86	81.45	84.24	78.23	74.78	74.78							
58	85.82	87.13	83.88	86.67	85.22	85.54	86.52	85.64	85.17	89.38	88.83	82.29	78.77	78.77							
60	77.18	79.58	79.28	76.12	74.56	78.31	79.81	82.47	81.81	82.79	81.36	72.87	75.84	75.84							
62	78.58	77.77	81.28	79.84	79.77	78.19	81.58	83.83	83.79	81.46	79.11	74.12	75.55	75.55							
64	88.28	71.23	78.22	78.36	76.52	78.94	78.22	81.48	82.87	83.28	85.38	75.52	73.42	73.42							
66	78.47	78.55	77.48	76.85	76.81	76.88	76.46	78.33	78.86	82.88	79.62	75.42	74.56	74.56							
68	91.31	92.82	91.27	91.13	89.98	91.52	98.93	91.78	93.62	93.28	93.34	89.12	86.89	86.89							
70	92.91	91.88	91.83	92.89	89.99	92.37	91.88	92.41	93.97	93.88	93.58	88.58	86.13	86.13							
72	186.11	187.12	185.5	186.4	185.4	185.9	186.5	186.5	186.5	186.5	186.5	186.5	186.5	186.5							

MEASURED CASPL
CALCULATED CASPL
PNOB

AMBIENT TEMP. 33.82
METABOLIC TEMP. 27.49
SAP, PRESSURE 28.99
ABS. HUMIDITY 2.832

FAA. CAN/COMPRESSOR - PHASE 28.8 28. 1/9 12/29/72. R/D 243/70-3

RUNOFF 308492 SPEED=4899

CAP:U1 152.8

DATE: 2/4/72

RAJAL DISTANCE 292

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.2	1.8	1.5	1.2	1.0	.8	.6	.5	.4	ANGLE FROM INLET				
52	-1.21	2.71	-0.44	2.51	-0.93	1.18	-1.87	-3.68	-3.79	1.61	1.23	0.91	1.57	3.41
63	-3.42	3.32	1.12	-0.62	-1.15	3.74	-1.89	-1.98	-1.98	1.42	1.12	1.24	4.09	3.37
81	0.22	2.83	-1.16	-0.13	-0.37	0.82	-2.43	-0.27	-1.31	1.83	2.83	2.83	2.83	1.93
100	-4.19	-2.82	-2.87	-2.83	-2.32	-0.63	-2.43	-0.18	1.19	2.38	3.43	3.43	3.43	3.87
129	-1.68	-2.87	-2.18	-1.54	-1.88	0.27	-1.56	-1.01	1.12	1.72	2.31	2.68	4.63	
162	-3.91	-1.98	-3.19	-1.07	-2.12	3.18	-1.74	-1.86	1.34	1.96	2.74	2.74	3.24	
208	-2.78	-2.8	-2.12	-1.58	-1.83	0.13	-1.78	-1.22	1.22	2.18	2.18	2.18	2.82	
252	-2.99	-3.19	-4.18	-4.09	-3.86	-0.82	-1.79	-1.63	1.32	1.98	3.23	4.26	4.81	
312	-3.88	-3.81	-1.28	-2.58	-2.82	-2.61	-3.04	-2.17	1.22	2.53	3.81	3.81	3.81	
402	1.76	0.77	3.92	1.98	-1.43	1.86	-1.39	-1.93	-0.41	1.74	2.33	2.33	2.43	
502	2.84	1.38	1.87	1.21	1.79	0.97	-1.12	-1.23	-0.88	1.02	1.48	1.48	2.67	
632	0.88	1.88	1.83	0.23	-0.16	0.34	-0.95	-1.29	-0.28	0.27	2.83	2.83	4.47	
802	-2.88	1.88	2.18	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88	1.88	2.47	2.47	3.81	
1002	-2.78	1.78	2.89	-0.71	-2.04	-1.36	-0.84	-1.31	-0.28	2.31	2.31	2.31	2.81	
1282	1.48	1.43	2.51	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	
1622	0.67	2.18	1.82	0.66	-1.21	1.14	-1.74	-1.41	-0.79	2.33	2.33	2.33	3.64	
2082	2.24	3.37	3.52	-1.58	-2.17	3.37	2.31	-2.37	-0.83	1.41	1.88	2.22	2.87	
2582	-0.49	2.18	1.48	-1.11	-0.71	-0.23	0.84	3.26	3.26	3.26	3.26	3.26	4.26	
3182	-0.51	-1.44	-1.82	-0.42	-2.22	-0.79	1.83	2.88	4.24	4.27	3.27	3.81	4.83	
4082	-0.27	0.87	-2.04	2.14	-1.22	-0.89	0.87	0.81	3.76	2.63	2.33	2.33	2.74	
5082	-2.27	1.87	3.82	-1.33	-1.87	-2.29	-2.29	-2.29	2.73	2.33	3.27	3.27	4.28	
6382	-1.68	-1.44	1.87	-1.17	-1.83	-2.82	1.29	3.81	3.81	3.81	3.81	3.81	4.83	
8082	-1.33	-1.33	-1.33	-1.33	-1.33	-1.33	-1.33	-1.33	-1.33	-1.33	-1.33	-1.33	-1.33	
10382	-0.72	0.47	-1.23	-1.06	-1.23	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	

AMBIENT TEMP. 33.82
 MET-GULB TEMP. 27.49
 BAR. PRESSURE 28.89
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5B + 9C T/D 1/38/72 R/D 2/3/72-3

RUN#1 60892 SPEED#0000

RADIAL DISTANCE 250

DATE: 2/24/72

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET												
	2.2	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0			
50	72.15	73.12	72.57	73.34	72.47	72.34	71.28	72.22	75.57	74.97	75.95	79.31	84.25
63	69.01	71.04	74.05	72.42	72.66	71.40	73.04	71.10	75.36	75.99	75.45	73.51	82.32
80	68.52	70.54	70.22	71.35	70.87	70.84	69.08	70.82	74.72	75.81	75.34	77.44	81.44
100	70.93	71.70	70.00	72.45	72.01	72.25	72.05	72.35	72.85	72.85	76.92	78.05	80.93
125	69.84	72.02	69.16	71.11	70.07	70.43	71.18	72.00	74.15	75.77	75.38	77.65	80.31
150	68.43	69.66	68.01	69.34	69.03	70.42	70.43	71.39	73.36	74.85	75.16	75.91	78.32
168	67.72	67.55	65.82	61.76	62.58	64.35	65.81	64.73	67.13	74.27	74.20	75.73	78.75
200	64.85	65.87	65.82	61.76	62.58	64.35	65.81	64.73	67.13	74.27	74.20	75.73	78.75
250	67.72	67.55	65.82	61.76	62.58	64.35	65.81	64.73	67.13	74.27	74.20	75.73	78.75
312	60.14	67.56	66.83	66.93	64.56	64.77	64.59	64.44	69.44	67.93	65.45	67.15	69.46
400	71.52	71.15	71.15	71.38	68.81	70.09	68.87	68.71	70.12	70.52	71.02	68.65	67.51
500	74.44	75.46	74.69	74.98	73.44	74.91	73.93	73.93	74.99	73.52	75.61	72.88	70.67
632	74.48	77.22	74.31	74.18	74.19	74.17	73.88	73.88	74.88	75.97	74.68	73.88	72.84
800	76.15	77.00	76.99	76.78	73.87	73.76	74.49	75.59	75.57	77.45	77.83	75.21	73.55
1000	86.48	80.27	81.34	79.28	77.82	75.42	75.78	74.14	77.28	77.25	74.89	74.41	72.74
1250	79.24	82.13	80.49	79.78	78.83	80.66	77.46	77.93	70.23	80.55	80.21	74.78	74.60
1500	79.14	82.18	81.49	79.28	78.42	78.23	78.24	78.59	74.54	78.21	83.58	75.81	73.58
2000	77.99	79.26	80.53	79.39	79.31	77.82	80.08	80.44	81.34	77.44	78.39	75.31	74.19
2500	81.75	78.97	77.55	82.34	81.27	80.74	82.43	80.65	84.34	80.79	81.45	74.88	72.88
3125	85.48	86.78	84.22	80.28	87.89	87.52	89.74	85.90	87.28	88.91	89.84	82.69	79.46
4000	77.43	80.29	84.53	77.99	76.78	80.43	78.88	81.32	81.31	82.34	82.35	73.72	73.58
5000	79.44	79.17	82.07	85.46	81.22	79.58	81.76	80.93	81.69	82.34	80.45	76.96	76.95
6300	80.37	80.12	78.23	78.47	77.54	80.28	78.43	82.84	81.37	84.20	84.24	73.87	74.12
8000	76.27	76.91	76.36	78.49	77.40	77.19	77.48	79.56	79.45	82.86	80.52	75.12	74.89
10000	92.10	93.33	91.72	92.69	91.11	92.52	92.32	92.24	93.38	93.35	94.12	91.91	90.82
MEASURED OARPL	91.32	92.32	91.48	92.48	91.20	92.59	92.58	92.58	93.42	93.41	94.16	91.88	91.37
CALCULATED OARPL	106.3	107.3	106.8	107.9	106.0	106.3	106.3	106.3	107.3	108.6	108.6	106.6	104.6
PWDB													

193.9

AMBIENT TEMP. 33.00
 METEOROL. TEMP. 27.49
 BAR. PRESSURE 26.99
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 20 & 50. I/P 1/20/70 R/2 2/3/70-3

RUN#1 80893 SPEED#800

DATE: 2/24/76

RADIAL DISTANCE 258

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.8	18.8	22.8	38.8	48.8	59.8	68.8	77.8	88.8	98.8	108.8	118.8	128.8	138.8	148.8	158.8	168.8	178.8	188.8
38	-2.37	-2.39	-2.95	-2.15	-3.84	-3.17	-6.22	-3.31	-5.34	1.455	3.949	3.793	0.536						
43	-4.92	-2.89	-1.43	-2.32	-2.68	-3.27	-2.66	-3.76	-2.65	1.254	1.162	3.774	7.579						
48	-2.19	-2.13	-2.49	-2.38	-2.84	-2.77	-2.73	-2.82	-3.43	2.191	1.868	3.944	7.232						
53	-4.72	-2.34	-3.86	-2.25	-2.73	-2.49	-2.79	-2.39	-2.98	3.287	2.179	4.113	6.169						
58	-2.85	-1.73	-4.29	-2.64	-2.89	-3.12	-2.42	-1.75	-3.68	2.824	2.233	3.983	7.159						
63	-3.95	-2.71	-4.27	-3.84	-2.55	-1.92	-1.94	-1.92	-2.849	2.473	2.784	3.526	7.945						
68	-2.27	-2.11	-3.45	-2.72	-2.48	-1.38	-1.25	-1.44	-1.333	2.479	2.489	3.832	3.883						
73	-2.88	-2.82	-2.68	-4.98	-2.39	-2.39	-1.69	-1.69	-1.69	3.513	2.182	3.377	4.888	4.989					
78	-3.65	-7.67	-2.24	-2.22	-2.44	-2.32	-2.41	-2.42	-1.647	-2.283	1.377	4.282							
83	2.88	1.88	1.778	4.88	-1.69	-1.47	-1.47	-1.47	-1.47	1.887	1.883	3.844	9.897	5.889					
88	1.88	1.38	1.328	1.428	-2.617	-2.82	-2.228	-1.42	-2.824	1.623	1.803	3.117	4.251						
93	1.713	1.986	2.228	1.828	-2.414	-2.97	-2.613	-2.744	1.121	-1.392	1.736	-1.992	-2.778						
98	1.487	2.818	1.994	2.281	-2.711	-2.78	-2.81	-2.81	1.773	1.881	1.778	1.116	1.121						
103	1.998	1.983	1.139	1.433	-2.87	-1.17	-1.43	-1.43	1.399	1.355	2.288	2.781	1.713	1.159					
108	2.924	2.284	2.843	1.781	-2.442	-2.88	-2.81	-1.134	1.888	2.774	1.827	1.112	1.122						
113	1.819	3.313	1.593	1.928	-1.226	-1.881	-1.48	-1.48	-1.48	1.638	1.686	1.388	-1.18						
118	1.849	2.448	3.344	2.281	-1.891	-1.89	-2.69	-2.69	1.772	1.772	2.349	1.42	2.272						
123	1.997	2.887	1.342	1.186	-2.253	-1.76	1.888	1.492	2.928	-1.32	1.991	-1.87	-4.79						
128	1.922	-2.33	-1.28	1.88	-2.831	-2.84	1.384	1.384	1.384	1.384	1.384	1.384	1.384						
133	-1.35	1.176	-2.75	1.384	-2.15	2.589	2.162	-1.39	1.431	1.638	2.665	-4.29	-7.51						
138	-2.21	1.428	1.928	1.184	-1.819	1.828	1.116	1.116	1.116	1.116	1.116	1.116	1.116						
143	-2.81	2.28	1.226	2.895	-2.29	-1.87	-1.87	-1.87	3.241	1.892	2.914	1.82	2.128						
148	1.721	-1.331	-1.34	-1.42	-2.83	-1.85	-1.21	-1.648	3.788	3.189	2.449	2.47	1.97						
153	-1.184	1.398	-1.812	1.127	-1.11	-1.18	-1.289	1.876	3.682	2.143	2.143	2.143	2.143						

C27

AMBIENT TEMP. 33.6C
 WET-BULB TEMP. 27.49
 BAR. PRESSURE 28.89
 ABS. HUMIDITY 2.476

FAA FAN/COMPRESSOR - PHASE 5B - 5C T/D 1/38/78 R/D 2/3/78-3

RUN=11 RDB=03 SPEED=6268

DATE: 2/19/77

RADIAL DISTANCE 262

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500 PRESSURE LEVELS DIRECTIVITY 110

AUGER FOR 1 MET

FREQ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	1.14	1.22	1.85	1.31	1.45	1.73	1.89	1.87	4.13	1.79	1.24	1.25	1.25	7.49	1.25
53	3.32	1.71	1.37	3.59	4.13	2.52	1.25	1.33	5.42	1.24	1.24	1.24	1.24	1.24	1.24
54	4.55	2.98	1.11	3.84	4.43	3.32	1.97	1.29	7.13	1.17	2.42	1.12	1.12	1.12	1.12
16	5.62	3.83	4.18	2.49	1.54	1.81	1.41	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59
17	4.66	2.82	4.11	1.44	2.54	1.51	1.83	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39
18	4.37	4.49	4.19	4.12	2.95	1.25	1.22	1.18	1.22	1.94	1.94	1.94	1.94	1.94	1.94
19	4.62	3.27	4.23	4.22	3.12	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11
20	4.33	4.63	6.21	5.73	3.59	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
21	1.14	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
22	1.72	1.68	2.94	1.46	2.27	1.73	1.48	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38
23	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
24	1.54	1.44	1.75	1.29	1.24	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27
25	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
26	1.41	1.39	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
27	1.34	1.32	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28
28	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
29	1.17	1.11	1.24	1.17	1.73	1.55	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
30	1.06	1.49	1.51	1.92	1.39	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
31	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
32	1.54	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44
33	1.39	1.29	1.75	1.97	1.29	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
34	1.82	1.51	1.43	1.59	1.29	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
35	1.99	1.62	1.42	1.71	1.21	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16

C29

AMBIENT TEMP. 11.22
 MET-B C TEMP. 27.49
 BAR. PRESSURE 29.84
 ABS. HUMIDITY 2.47

FAA FAULT/COMPRESSOR - 0-SE 59 - 50 T/C 1/30/77 R/C 2/3/77-3

RUN#11 AUG594 S05500645

DATE: 2/4/77

RADIAL DISTANCE 252

PAGE: 1

SOUND PRESSURE LEVELS RECORD AT STA. 10000000

FREQ:	1.0	1.2	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	12.0	15.0	20.0	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0		
51	72.99	72.54	71.69	70.54	69.24	67.84	66.34	64.84	63.34	61.84	60.34	58.84	57.34	55.84	54.34	52.84	51.34	49.84	48.34	46.84	45.34	43.84	42.34	40.84	39.34	
53	71.28	70.83	69.98	68.83	67.53	66.13	64.63	63.13	61.63	60.13	58.63	57.13	55.63	54.13	52.63	51.13	49.63	48.13	46.63	45.13	43.63	42.13	40.63	39.13	37.63	36.13
57	69.15	68.70	67.85	66.70	65.40	64.00	62.50	61.00	59.50	58.00	56.50	55.00	53.50	52.00	50.50	49.00	47.50	46.00	44.50	43.00	41.50	40.00	38.50	37.00	35.50	34.00
125	72.18	71.73	70.88	69.73	68.43	67.03	65.53	64.03	62.53	61.03	59.53	58.03	56.53	55.03	53.53	52.03	50.53	49.03	47.53	46.03	44.53	43.03	41.53	40.03	38.53	37.03
150	69.53	69.08	68.23	67.08	65.78	64.38	62.88	61.38	59.88	58.38	56.88	55.38	53.88	52.38	50.88	49.38	47.88	46.38	44.88	43.38	41.88	40.38	38.88	37.38	35.88	34.38
200	60.48	59.93	59.08	57.93	56.63	55.23	53.73	52.23	50.73	49.23	47.73	46.23	44.73	43.23	41.73	40.23	38.73	37.23	35.73	34.23	32.73	31.23	29.73	28.23	26.73	25.23
250	66.81	66.36	65.51	64.36	63.06	61.66	60.16	58.66	57.16	55.66	54.16	52.66	51.16	49.66	48.16	46.66	45.16	43.66	42.16	40.66	39.16	37.66	36.16	34.66	33.16	31.66
300	72.77	72.32	71.47	70.32	69.02	67.62	66.12	64.62	63.12	61.62	60.12	58.62	57.12	55.62	54.12	52.62	51.12	49.62	48.12	46.62	45.12	43.62	42.12	40.62	39.12	37.62
350	71.77	71.32	70.47	69.32	68.02	66.62	65.12	63.62	62.12	60.62	59.12	57.62	56.12	54.62	53.12	51.62	50.12	48.62	47.12	45.62	44.12	42.62	41.12	39.62	38.12	36.62
400	74.61	74.16	73.31	72.16	70.86	69.46	67.96	66.46	64.96	63.46	61.96	60.46	58.96	57.46	55.96	54.46	52.96	51.46	49.96	48.46	46.96	45.46	43.96	42.46	40.96	39.46
450	76.53	76.08	75.23	74.08	72.78	71.38	69.88	68.38	66.88	65.38	63.88	62.38	60.88	59.38	57.88	56.38	54.88	53.38	51.88	50.38	48.88	47.38	45.88	44.38	42.88	41.38
500	74.92	74.47	73.62	72.47	71.17	69.77	68.27	66.77	65.27	63.77	62.27	60.77	59.27	57.77	56.27	54.77	53.27	51.77	50.27	48.77	47.27	45.77	44.27	42.77	41.27	39.77
550	77.74	77.29	76.44	75.29	73.99	72.59	71.09	69.59	68.09	66.59	65.09	63.59	62.09	60.59	59.09	57.59	56.09	54.59	53.09	51.59	50.09	48.59	47.09	45.59	44.09	42.59
600	81.45	81.00	80.15	79.00	77.70	76.30	74.80	73.30	71.80	70.30	68.80	67.30	65.80	64.30	62.80	61.30	59.80	58.30	56.80	55.30	53.80	52.30	50.80	49.30	47.80	46.30
650	79.47	79.02	78.17	77.02	75.72	74.32	72.82	71.32	69.82	68.32	66.82	65.32	63.82	62.32	60.82	59.32	57.82	56.32	54.82	53.32	51.82	50.32	48.82	47.32	45.82	44.32
700	79.86	79.41	78.56	77.41	76.11	74.71	73.21	71.71	70.21	68.71	67.21	65.71	64.21	62.71	61.21	59.71	58.21	56.71	55.21	53.71	52.21	50.71	49.21	47.71	46.21	44.71
750	78.28	77.83	76.98	75.83	74.53	73.13	71.63	70.13	68.63	67.13	65.63	64.13	62.63	61.13	59.63	58.13	56.63	55.13	53.63	52.13	50.63	49.13	47.63	46.13	44.63	43.13
800	81.56	81.11	80.26	79.11	77.81	76.41	74.91	73.41	71.91	70.41	68.91	67.41	65.91	64.41	62.91	61.41	59.91	58.41	56.91	55.41	53.91	52.41	50.91	49.41	47.91	46.41
850	85.41	84.96	84.11	82.96	81.66	80.26	78.76	77.26	75.76	74.26	72.76	71.26	69.76	68.26	66.76	65.26	63.76	62.26	60.76	59.26	57.76	56.26	54.76	53.26	51.76	50.26
900	78.79	78.34	77.49	76.34	75.04	73.64	72.14	70.64	69.14	67.64	66.14	64.64	63.14	61.64	60.14	58.64	57.14	55.64	54.14	52.64	51.14	49.64	48.14	46.64	45.14	43.64
950	79.84	79.39	78.54	77.39	76.09	74.69	73.19	71.69	70.19	68.69	67.19	65.69	64.19	62.69	61.19	59.69	58.19	56.69	55.19	53.69	52.19	50.69	49.19	47.69	46.19	44.69
1000	88.99	88.54	87.69	86.54	85.24	83.84	82.34	80.84	79.34	77.84	76.34	74.84	73.34	71.84	70.34	68.84	67.34	65.84	64.34	62.84	61.34	59.84	58.34	56.84	55.34	53.84
1022.0	78.99	78.54	77.69	76.54	75.24	73.84	72.34	70.84	69.34	67.84	66.34	64.84	63.34	61.84	60.34	58.84	57.34	55.84	54.34	52.84	51.34	49.84	48.34	46.84	45.34	43.84

AMBIENT TEMP. 33.22
 MET-B-L'S TEMP. 27.49
 EAR. PRESSURE 20.99
 ABS. HUMIDITY 2.472

FRA FAN COMPRESSOR - PHASE 59 + 5C T/D 1/32/77 R/D 2/3/77-3

RUN=11 103905 SPEED=6627

MEASURED CASP
 CALCULATED CASP
 P.D.P.

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RADIAL DISTANCE 292

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SOU. PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	34.1	42.1	50.2	67.2	77.2	82.2	92.2	122.2	112.2	121.2	132.2	142.2	15
52	-2.66	-1.72	-2.42	-2.57	-3.31	-1.29	-2.65	-2.92	2.52	2.92	2.92	2.92	2.92
63	-2.66	-1.45	-2.22	-2.28	-2.17	-1.82	-1.91	-2.57	2.57	2.57	2.57	2.57	2.57
81	-3.59	-2.23	-2.82	-3.16	-2.41	-1.19	-2.27	-3.22	2.92	2.92	2.92	2.92	2.92
102	-1.97	-3.79	-4.91	-2.23	-1.55	-1.21	-1.17	-1.88	2.12	2.12	2.12	2.12	2.12
122	-2.35	-3.29	-5.05	-3.12	-2.22	-1.57	-1.67	-2.22	2.22	2.22	2.22	2.22	2.22
162	-3.33	-3.82	-4.88	-3.12	-2.72	-1.31	-1.23	-1.16	1.98	1.98	1.98	1.98	1.98
202	-2.93	-4.85	-4.81	-4.16	-3.88	-2.47	-2.94	-2.28	1.98	1.98	1.98	1.98	1.98
250	-3.17	-4.67	-5.82	-5.81	-4.91	-2.17	-1.95	-1.36	1.28	1.28	1.28	1.28	1.28
315	1.21	1.22	2.95	3.11	2.72	1.48	1.51	1.19	1.14	1.14	1.14	1.14	1.14
432	2.19	1.93	2.37	1.72	-1.55	1.26	-1.54	-1.95	-1.48	-1.48	-1.48	-1.48	-1.48
520	2.23	1.33	1.21	2.95	1.73	1.31	1.29	1.29	1.29	1.29	1.29	1.29	1.29
632	2.85	1.51	-1.97	-3.28	-1.14	1.94	1.27	1.22	1.22	1.22	1.22	1.22	1.22
802	1.45	1.37	-1.92	-2.43	-1.35	1.45	1.25	1.25	1.25	1.25	1.25	1.25	1.25
1002	1.78	2.37	1.28	-1.48	-1.95	1.27	-1.36	-1.17	1.28	1.28	1.28	1.28	1.28
1222	2.82	3.28	1.77	1.27	-2.68	1.27	-1.52	-2.69	2.69	2.69	2.69	2.69	2.69
1622	3.21	1.90	1.62	1.44	-1.21	2.66	-1.21	-2.14	-1.97	2.52	2.52	2.52	2.52
2022	3.24	2.72	1.92	-1.47	-1.21	2.98	-2.15	1.44	-1.44	1.29	1.29	1.29	1.29
2522	-1.22	-1.14	1.79	-1.74	1.66	-1.46	1.29	1.27	-1.24	-1.24	-1.24	-1.24	-1.24
3152	2.93	-2.18	-1.32	-1.28	1.28	1.44	1.38	1.44	1.44	1.44	1.44	1.44	1.44
4022	-1.83	-1.63	-1.69	-1.63	-1.78	1.19	1.24	1.19	1.19	1.19	1.19	1.19	1.19
5022	-2.28	-2.45	-1.53	-2.31	-2.49	1.18	-1.79	1.34	1.34	1.34	1.34	1.34	1.34
6322	-2.16	-3.24	-1.34	-1.37	-1.85	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
8022	-1.51	-1.92	-1.22	-1.27	-1.84	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
10222	-1.523	-1.56	-1.65	-1.55	-1.92	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21

ARBITRARY TEMP. 33.41
 WET BULB TEMP. 27.49
 BAR. PRESSURE 28.09
 ABS. HUMIDITY 2.47

FAA FAN/COMPRESSOR - PHASE 59 * 9C * 770 * 1/30/77 * R/S 2/3/77-1

RUN#11 RCO#95 SPEED#6667

DATE: 2/14/77

WIND DISTANCE 250

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SUN PRESSURE LEVELS REFLECTED AT SEA SURFACE

FRQ	2.0	17.2	22.8	32.7	47.7	52.2	62.0	77.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2
57	72.43	71.57	70.91	70.46	70.14	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00
63	71.54	71.38	70.91	70.67	70.51	70.51	70.51	70.51	70.51	70.51	70.51	70.51	70.51	70.51	70.51	70.51	70.51	70.51
81	68.44	68.44	68.99	69.59	70.28	70.88	71.57	72.27	72.97	73.67	74.37	75.07	75.77	76.47	77.17	77.87	78.57	79.27
121	69.44	69.62	70.14	70.74	71.34	71.94	72.54	73.14	73.74	74.34	74.94	75.54	76.14	76.74	77.34	77.94	78.54	79.14
161	72.23	72.11	71.98	71.82	71.67	71.52	71.37	71.22	71.07	70.92	70.77	70.62	70.47	70.32	70.17	70.02	69.87	69.72
201	68.97	69.62	70.27	70.92	71.57	72.22	72.87	73.52	74.17	74.82	75.47	76.12	76.77	77.42	78.07	78.72	79.37	80.02
241	68.85	69.19	69.54	69.74	69.94	70.14	70.34	70.54	70.74	70.94	71.14	71.34	71.54	71.74	71.94	72.14	72.34	72.54
281	66.81	66.84	66.84	66.85	66.85	66.85	66.85	66.85	66.85	66.85	66.85	66.85	66.85	66.85	66.85	66.85	66.85	66.85
321	67.23	67.37	67.51	67.65	67.79	67.93	68.07	68.21	68.35	68.49	68.63	68.77	68.91	69.05	69.19	69.33	69.47	69.61
401	68.57	69.123	69.67	70.22	70.77	71.32	71.87	72.42	72.97	73.52	74.07	74.62	75.17	75.72	76.27	76.82	77.37	77.92
501	71.82	72.44	73.06	73.68	74.30	74.92	75.54	76.16	76.78	77.40	78.02	78.64	79.26	79.88	80.50	81.12	81.74	82.36
601	74.31	75.55	76.77	77.99	79.21	80.43	81.65	82.87	84.09	85.31	86.53	87.75	88.97	90.19	91.41	92.63	93.85	95.07
801	74.69	77.14	79.59	82.04	84.49	86.94	89.39	91.84	94.29	96.74	99.19	101.64	104.09	106.54	108.99	111.44	113.89	116.34
1001	74.55	78.59	82.63	86.67	90.71	94.75	98.79	102.83	106.87	110.91	114.95	118.99	123.03	127.07	131.11	135.15	139.19	143.23
1201	77.49	79.44	81.39	83.34	85.29	87.24	89.19	91.14	93.09	95.04	96.99	98.94	100.89	102.84	104.79	106.74	108.69	110.64
1401	78.81	81.38	83.95	86.52	89.09	91.66	94.23	96.80	99.37	101.94	104.51	107.08	109.65	112.22	114.79	117.36	119.93	122.50
1601	75.87	79.82	83.77	87.72	91.67	95.62	99.57	103.52	107.47	111.42	115.37	119.32	123.27	127.22	131.17	135.12	139.07	143.02
1801	76.87	77.68	78.49	79.30	80.11	80.92	81.73	82.54	83.35	84.16	84.97	85.78	86.59	87.40	88.21	89.02	89.83	90.64
2001	82.42	83.77	85.12	86.47	87.82	89.17	90.52	91.87	93.22	94.57	95.92	97.27	98.62	100.07	101.42	102.77	104.12	105.47
4001	84.75	86.82	88.89	90.96	93.03	95.10	97.17	99.24	101.31	103.38	105.45	107.52	109.59	111.66	113.73	115.80	117.87	119.94
6001	82.44	83.45	84.46	85.47	86.48	87.49	88.50	89.51	90.52	91.53	92.54	93.55	94.56	95.57	96.58	97.59	98.60	99.61
8001	78.75	78.33	77.91	77.49	77.07	76.65	76.23	75.81	75.39	74.97	74.55	74.13	73.71	73.29	72.87	72.45	72.03	71.61
10001	79.25	82.15	85.05	87.95	90.85	93.75	96.65	99.55	102.45	105.35	108.25	111.15	114.05	116.95	119.85	122.75	125.65	128.55
12001	78.92	79.12	79.32	79.52	79.72	79.92	80.12	80.32	80.52	80.72	80.92	81.12	81.32	81.52	81.72	81.92	82.12	82.32
MEASURED CAP	98.57	92.48	91.95	93.31	92.64	94.37	93.16	94.56	94.21	95.18	95.51	92.32	92.74					
CALCULATED CAP	92.65	92.29	92.28	93.14	93.21	94.74	93.51	95.11	94.56	95.63	95.91	92.61	93.08					
12002	105.7	107.3	107.7	108.9	109.9	117.1	108.9	109.9	109.9	109.9	109.9	109.9	109.9					

CAP LI 155.1

AMBIENT TEMP 33.22
 REFLECTED TEMP 27.45
 SUN PRESSURE 28.99
 ARC VIVIDITY 2.477

FAA FA/TCMPRESQR - BASE 5P - SC Y/D 1/32/72 R/O 2/3/72-3

QUN511 R2095 SPEED56922

DATE: 2/7/77

RADIAL DISTANCE 25.

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SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.2	12.2	22.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2
32	-1.31	-2.17	-2.82	-3.25	-3.42	-3.52	-3.57	-3.57	-3.57	-3.57	-3.57	-3.57	-3.57	-3.57	-3.57	-3.57	-3.57	-3.57	-3.57	-3.57
53	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25
67	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52	-4.52
100	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99	-5.99
125	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39	-6.39
160	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23	-5.23
200	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46	-4.46
250	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17	-5.17
315	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32	-4.32
400	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25
500	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23
632	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47
800	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51	-2.51
1000	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21
1250	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92
1600	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40	-2.40
2000	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64
2500	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12
3000	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97	-3.97
3600	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37	-4.37
4000	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82	-4.82
4500	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12
5000	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32	-5.32
5600	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52	-5.52
6000	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72	-5.72

AMBIENT TEMP. 31.22
 MET-BUBB TEMP. 27.49
 BAR. PRESSURE 28.89
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 58 + 5C T/D 1/32/77 R/J 2/3/78-3

RUN#11 R03#95 SPEED#6987

DATE: 2/24/77

RADIAL DISTANCE 250

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COOLING PRESSURE LEVELS REDUCED AT STANDARD TAY

FREQ	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2			
50	73.42	73.49	73.51	73.55	74.15	74.95	75.29	74.15	75.82	77.73	77.91	78.91	78.97	78.97	78.97	78.97	78.97	78.97	78.97	78.97	78.97		
53	72.92	74.23	75.90	73.18	73.57	79.47	74.44	74.37	75.89	77.91	76.71	79.44	83.84	83.84	83.84	83.84	83.84	83.84	83.84	83.84	83.84	83.84	
56	72.83	72.73	72.45	72.76	72.93	72.62	73.71	74.39	74.23	74.14	74.03	74.29	74.22	74.22	74.22	74.22	74.22	74.22	74.22	74.22	74.22	74.22	
59	72.61	72.41	72.57	73.63	74.44	78.19	75.63	76.32	77.26	79.29	82.42	81.75	82.90	82.90	82.90	82.90	82.90	82.90	82.90	82.90	82.90	82.90	
62	74.43	72.96	73.44	73.23	74.14	74.44	77.68	78.19	77.14	82.32	82.52	82.92	83.43	83.43	83.43	83.43	83.43	83.43	83.43	83.43	83.43	83.43	
65	72.59	72.96	72.43	71.53	72.62	75.74	74.57	74.57	76.83	77.89	79.56	79.99	80.90	80.90	80.90	80.90	80.90	80.90	80.90	80.90	80.90	80.90	
68	69.53	65.28	69.23	74.19	71.18	74.25	74.13	74.45	75.23	76.75	78.54	78.71	77.67	77.67	77.67	77.67	77.67	77.67	77.67	77.67	77.67	77.67	
71	67.53	66.09	65.71	66.54	72.39	73.31	75.91	73.41	74.91	74.28	77.95	78.12	76.12	76.12	76.12	76.12	76.12	76.12	76.12	76.12	76.12	76.12	
74	72.88	72.72	72.98	74.18	74.19	74.82	74.22	74.67	74.34	74.81	71.22	72.83	73.32	73.32	73.32	73.32	73.32	73.32	73.32	73.32	73.32	73.32	73.32
77	72.92	71.79	71.41	68.57	68.61	76.16	72.92	69.64	72.24	72.45	72.45	72.45	72.45	72.45	72.45	72.45	72.45	72.45	72.45	72.45	72.45	72.45	
80	74.94	74.22	75.23	73.24	74.37	74.53	73.13	73.91	73.83	75.22	76.74	74.52	73.77	73.77	73.77	73.77	73.77	73.77	73.77	73.77	73.77	73.77	73.77
83	75.49	77.52	75.97	77.55	79.34	78.82	77.88	78.63	78.82	78.21	82.72	82.72	82.72	82.72	82.72	82.72	82.72	82.72	82.72	82.72	82.72	82.72	82.72
86	73.83	77.26	74.33	77.47	74.33	78.16	79.84	79.84	79.84	79.84	79.84	79.84	79.84	79.84	79.84	79.84	79.84	79.84	79.84	79.84	79.84	79.84	79.84
89	76.87	77.41	76.55	77.17	73.67	76.93	76.97	77.19	77.34	79.38	79.92	78.18	79.95	79.95	79.95	79.95	79.95	79.95	79.95	79.95	79.95	79.95	79.95
92	81.13	83.39	82.83	79.19	78.58	78.87	79.31	77.39	77.87	78.42	77.25	76.74	75.79	75.79	75.79	75.79	75.79	75.79	75.79	75.79	75.79	75.79	75.79
95	78.59	80.71	79.47	79.71	80.32	81.41	78.99	79.13	82.82	82.68	81.48	76.83	76.45	76.45	76.45	76.45	76.45	76.45	76.45	76.45	76.45	76.45	76.45
98	78.14	81.83	79.29	76.98	78.22	88.79	77.72	78.37	77.35	79.93	82.14	74.82	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14
101	77.61	77.00	78.54	77.31	82.33	78.89	81.49	82.86	81.48	77.86	77.73	74.51	74.72	74.72	74.72	74.72	74.72	74.72	74.72	74.72	74.72	74.72	74.72
104	81.52	79.21	78.13	82.82	82.82	79.52	84.55	85.38	85.68	81.37	79.85	78.85	72.78	72.78	72.78	72.78	72.78	72.78	72.78	72.78	72.78	72.78	72.78
107	83.52	85.97	83.83	86.77	96.34	88.62	87.77	87.74	86.93	87.73	85.35	79.86	79.48	79.48	79.48	79.48	79.48	79.48	79.48	79.48	79.48	79.48	79.48
110	84.93	89.09	88.13	92.48	89.64	92.21	87.96	91.27	88.86	82.17	87.49	82.94	83.14	83.14	83.14	83.14	83.14	83.14	83.14	83.14	83.14	83.14	83.14
113	88.22	83.76	82.81	82.36	82.29	80.31	83.16	85.26	85.82	82.29	79.12	77.98	77.21	77.21	77.21	77.21	77.21	77.21	77.21	77.21	77.21	77.21	77.21
116	79.21	78.98	77.87	78.92	88.11	81.53	83.12	84.39	83.74	84.94	82.63	76.19	74.41	74.41	74.41	74.41	74.41	74.41	74.41	74.41	74.41	74.41	74.41
119	88.31	81.65	79.74	82.73	83.23	82.52	83.92	84.58	84.68	85.27	83.14	78.38	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91	76.91
122	92.26	94.41	95.77	93.96	94.27	96.34	94.75	95.77	95.28	95.71	95.88	93.26	94.21	94.21	94.21	94.21	94.21	94.21	94.21	94.21	94.21	94.21	94.21
125	91.98	94.87	92.61	94.17	94.44	96.88	94.97	96.11	95.47	95.64	94.63	92.52	93.11	93.11	93.11	93.11	93.11	93.11	93.11	93.11	93.11	93.11	93.11
128	126.2	128.7	129.1	129.1	129.2	128.9	129.4	127.6	129.7	127.2	128.6	124.5	125.7	125.7	125.7	125.7	125.7	125.7	125.7	125.7	125.7	125.7	125.7

MEASURED GASPL
CALCULATED GASPL

AMBIENT TEMP 33.82
MET-BUBB TEMP 27.49
BAR PRESSURE 28.99
ABS HUMIDITY 2.412

EAA FAN/COMPRESSOR - PHASE 2B & 9C I/D 1/3/77? R/L 2/3/77-3

RUN#11 802997 SPEED#1202

CAP-11 155.9

DATE: 2/14/77

RADIAL DISTANCE 25'

PAGE: 2

SOIL PRESSURE LEVELS DIRECTIVITY INTER

FREQ	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2
52	3.21	-2.71	-3.12	-3.24	-2.51	1.314	-4.35	-2.46	-0.13	1.297	1.028	2.142	4.282	6.422	8.562	10.702	12.842	14.982	17.122	19.262	21.402
62	-4.27	-2.41	-1.37	-3.71	-3.33	2.575	-2.45	-2.52	-1.29	1.212	1.017	2.540	6.902	11.262	15.622	19.982	24.342	28.702	33.062	37.422	41.782
122	-6.77	-4.97	-4.81	-3.75	-2.94	5.959	-3.75	-1.26	-1.25	1.929	3.939	4.304	5.633	6.962	8.292	9.622	10.952	12.282	13.612	14.942	16.272
162	-5.29	-4.94	-4.84	-3.82	-2.28	2.194	-5.67	-3.51	-1.12	2.781	2.273	2.678	5.185	7.692	10.198	12.704	15.210	17.716	20.222	22.728	25.234
202	-8.19	-5.44	-5.49	-4.33	-3.27	1.154	-3.33	-1.52	-1.33	1.999	3.648	4.798	5.758	6.718	7.678	8.638	9.598	10.558	11.518	12.478	13.438
242	-6.09	-6.33	-7.51	-6.68	-2.83	8.901	-5.897	-1.942	-1.912	8.952	4.532	4.883	2.927	4.883	4.883	4.883	4.883	4.883	4.883	4.883	4.883
282	8.728	1.333	-1.21	-4.42	-3.52	3.329	4.828	1.156	-3.71	2.831	1.442	4.135	6.828	9.524	12.220	14.916	17.612	20.308	23.004	25.700	28.396
322	2.577	1.444	1.258	-1.78	-1.74	1.192	-2.26	-7.11	-3.24	2.997	1.339	2.131	3.214	4.297	5.380	6.463	7.546	8.629	9.712	10.795	11.878
362	-7.755	-3.579	1.248	-1.11	2.127	4.894	3.828	-2.37	-5.11	8.413	2.613	3.572	4.531	5.490	6.449	7.408	8.367	9.326	10.285	11.244	12.203
402	-2.37	-3.49	-1.89	-3.15	1.476	9.995	-1.91	7.698	9.511	1.439	2.852	7.512	4.422	5.381	6.340	7.299	8.258	9.217	10.176	11.135	12.094
442	-4.84	-2.21	-3.24	-3.24	2.816	1.382	-3.22	6.225	2.253	8.892	2.817	3.225	4.184	5.143	6.102	7.061	8.020	8.979	9.938	10.897	11.856
482	-7.885	-5.62	-3.29	-1.71	-1.81	8.927	-3.918	-6.78	-5.991	2.524	3.943	1.326	-1.682	-2.641	-3.600	-4.559	-5.518	-6.477	-7.436	-8.395	-9.354
522	2.419	4.862	1.322	4.843	2.494	1.599	5.982	-1.31	-1.14	-2.288	-1.44	-1.97	-2.93	-3.892	-4.851	-5.810	-6.769	-7.728	-8.687	-9.646	-10.605
562	-1.15	1.975	-2.69	-2.19	5.581	1.579	-7.44	-5.84	2.767	2.948	1.741	-2.91	-3.29	-4.250	-5.209	-6.168	-7.127	-8.086	-9.045	-10.004	-10.963
602	-2.242	2.429	1.384	-1.42	-3.78	2.382	-6.83	-2.22	-5.25	1.231	1.133	3.58	2.24	3.199	4.158	5.117	6.076	7.035	7.994	8.953	9.912
642	-4.12	-3.12	-1.976	-1.82	1.219	-1.62	2.378	3.748	2.365	-1.25	-1.38	-4.59	-4.39	-5.349	-6.308	-7.267	-8.226	-9.185	-10.144	-11.103	-12.062
682	-3.12	-2.81	-2.69	-2.68	-2.876	2.332	2.725	3.522	3.855	-4.57	-1.92	-3.77	-9.24	-10.199	-11.158	-12.117	-13.076	-14.035	-14.994	-15.953	-16.912
722	-2.95	-2.95	-2.24	-0.968	2.699	2.954	1.783	1.669	1.623	1.659	1.721	6.21	6.50	7.459	8.418	9.377	10.336	11.295	12.254	13.213	14.172
762	-3.90	-2.73	-2.752	-1.575	2.542	3.328	-9.23	2.384	-2.19	1.288	-1.39	-7.94	-5.74	-6.699	-7.658	-8.617	-9.576	-10.535	-11.494	-12.453	-13.412
802	-1.99	-1.48	-2.15	-1.84	8.747	-1.92	2.942	3.293	3.631	8.627	-3.11	-4.32	-5.281	-6.240	-7.199	-8.158	-9.117	-10.076	-11.035	-11.994	-12.953
842	0.22	-2.52	-1.72	-3.24	-1.35	2.838	1.645	2.937	2.323	3.479	1.453	2.26	2.725	3.684	4.643	5.602	6.561	7.520	8.479	9.438	10.397
882	-2.41	-1.829	-2.68	-1.69	6.869	1.582	2.159	2.752	2.643	1.172	-4.84	-5.15	-6.114	-7.073	-8.032	-8.991	-9.950	-10.909	-11.868	-12.827	-13.786

C35

AMBIENT TEMP 33.22
 MET-BULB TEMP 27.49
 BAR PRESSURE 28.89
 ABS HUMIDITY 2.472

FAA FAX/COMPRESSOR - PHASE 5B + 5C T/D 1/32/72 R/C 2/3/72-3

RUN#11 801497 SPEED#7103

DATE: 2/24/77

RADIAL DISTANCE 250

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SOUND PRESSURE LEVELS REDUCED AT STANDARD PAW

FREQ	ANGLES FROM INLET				
	0°	22.5°	45°	67.5°	90°
50	72.58	72.87	72.84	72.36	72.83
63	76.32	76.77	76.83	76.61	76.81
82	81.57	82.51	82.55	81.62	82.51
100	79.12	79.32	79.48	79.34	79.11
125	75.28	75.61	75.85	75.74	75.51
160	72.46	72.51	72.53	72.46	72.46
200	74.28	74.36	74.36	74.33	74.33
250	78.31	78.34	78.37	78.37	78.34
315	87.59	87.19	87.34	87.42	87.28
400	66.75	68.82	71.36	67.64	67.65
500	72.29	71.94	73.33	73.32	73.12
630	78.51	77.22	78.29	78.03	79.74
800	78.14	79.82	78.54	77.11	79.62
1000	75.75	76.61	75.58	75.49	76.83
1250	74.79	76.26	76.61	76.58	76.57
1600	77.28	79.57	79.72	81.47	79.22
2000	75.33	78.43	78.28	78.92	79.24
2500	75.09	75.77	77.78	76.87	78.95
3150	82.32	75.47	75.72	80.96	81.79
4000	82.37	84.23	82.39	86.11	84.28
5000	87.34	84.23	84.23	94.11	91.22
6300	88.17	88.09	91.74	89.06	92.09
8000	72.48	72.45	72.51	72.88	72.35
10000	88.04	81.06	82.12	83.25	85.43
MEASURED CASP.	91.51	95.65	93.37	95.56	93.95
CALCULATED PAWS	84.84	94.28	93.74	96.31	94.45
	106.17	109.2	108.9	111.4	109.6

AMBIENT TEMP, 33.82
 WET-BULB TEMP, 27.49
 BAR. PRESSURE 28.99
 ABS. HUMIDITY 2.472

FAA PAW/COMPRESSOR : PHASE 50 & 5C T/D 1/32/77 R/R 2/3/72-3
 RUN#11 900#98 SPEED=7337

DATE: 2/24/77

RADIAL DISTANCE 252

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SOL. PRESSURE LEVELS DIRECTIVITY IN DB

FREQ	2.2	12.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2
22	-2.92	-4.61	-4.53	-5.12	-4.64	-2.67	-3.82	-1.87	-1.67	-1.82	-1.218	4.221	9.272				
63	-5.93	-5.48	-1.42	-1.69	-3.17	-3.44	-1.94	-1.94	-1.89	-1.87	1.981	4.233	6.479				
82	-7.35	-4.39	-4.94	-4.89	-4.46	-2.31	-2.24	-1.32	-1.17	-1.24	2.837	4.898	7.257				
103	-7.41	-7.21	-6.94	-5.18	-4.42	-2.53	-2.01	-1.87	-1.13	-1.52	2.993	5.213	7.138				
125	-5.28	-2.55	-4.39	-2.66	-3.95	-1.41	-1.99	-2.64	-1.84	-1.49	3.484	3.625	4.729				
162	-6.72	-6.37	-6.35	-5.22	-4.14	-2.39	-1.72	-1.264	-1.264	-1.929	3.835	4.774	5.734				
202	-2.24	-6.64	-5.73	-2.83	-4.14	-2.23	-1.971	-1.211	-1.559	-1.698	3.947	5.454	5.894				
252	-4.22	-8.19	-9.16	-7.44	-4.01	-1.58	-2.31	-1.095	-1.169	-0.928	4.129	5.836	3.752				
315	-2.78	-3.38	-3.13	-2.16	-4.09	-2.83	-4.29	-1.414	-2.818	-0.214	2.634	3.594	4.597				
402	-1.49	-1.43	-1.16	-2.48	-2.59	-2.83	-1.99	-2.76	-1.924	-0.121	0.927	4.184	5.546				
502	-1.12	-1.28	-1.23	-1.238	-1.238	-1.333	-1.28	-1.338	-1.35	-1.63	3.611	1.791	2.592				
602	-5.19	-1.18	-1.37	-2.333	-1.338	-0.669	-1.59	-1.38	-1.652	-1.439	3.971	-2.91	-4.194				
802	-5.19	-1.31	-1.79	-1.82	-1.787	-2.341	-1.818	-2.374	-1.976	-2.292	2.784	-2.842	-2.54				
1002	-1.66	-1.39	-1.36	-1.95	-2.01	-1.54	-2.27	-1.791	-2.579	-2.679	2.846	-2.846	-2.846				
1222	-1.51	-1.892	-1.838	-2.82	-1.337	-1.333	-1.741	-1.584	-1.897	-2.24	-2.89	-3.71	-3.32				
1602	-2.46	-1.787	-2.431	-2.086	-2.57	-2.366	-2.495	-1.833	-2.244	-1.341	-4.38	-3.97					
2002	-2.27	-1.422	-1.419	-1.71	-2.358	-1.922	-1.77	-3.489	-3.247	-2.997	2.836	-2.98	-1.59				
2502	-2.71	-2.63	-1.618	-1.53	-1.499	-1.15	-2.622	-3.618	-3.62	-1.48	-3.48	-3.52					
3152	-1.19	-1.23	-1.28	-1.33	-1.324	-1.32	-1.961	-1.311	-1.484	-1.47	-1.91	-3.44	-3.71				
4022	-2.61	-1.56	-2.98	-1.59	-1.782	-2.368	-1.892	-2.365	-1.541	-1.699	1.614	-4.69	-7.34				
5022	-3.65	-3.792	-2.74	-3.349	-1.605	-1.184	-2.69	-2.283	-1.575	-1.658	-4.62	-7.35	-4.77				
6302	-2.49	-2.56	-1.924	-1.99	-1.962	-1.55	-3.636	-4.221	-1.127	-2.37	-4.23	-5.25					
8202	-1.86	-2.89	-4.83	-2.56	-2.19	-1.095	-1.998	-2.597	-2.682	-3.715	1.649	-5.28	-7.34				
10202	-1.97	-1.75	-2.77	-4.335	-1.389	-2.663	-1.183	-2.279	-2.381	1.289	-3.92	-5.12					

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AMBIENT TEMP. 33.27
 WET-BULB TEMP. 27.49
 BAR. PRESSURE 28.99
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5B + 5C T/D 1/32/77 R/D 2/3/77-3

RUN#11 SDO#98 SPEED#7322

RADIAL DISTANCE 252

SCONE PRESSURE LEVELS REDUCED AT STA DART DAY

FREQ	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2
52	74.68	74.29	73.45	73.33	73.04	74.46	73.78	75.48	76.89	77.29	78.59	81.42	84.39	135.2					
63	74.77	75.59	76.77	76.44	75.46	75.96	76.63	77.59	77.77	79.18	82.97	86.91	87.29	136.8					
82	73.82	73.88	73.23	73.83	73.77	73.19	73.83	73.88	73.11	73.34	73.19	73.84	74.84	137.9					
102	73.66	73.11	72.94	74.98	74.92	76.29	77.33	78.51	79.31	81.25	82.34	84.77	85.99	137.4					
122	74.56	79.18	77.54	81.64	78.49	78.59	81.31	86.14	83.68	86.74	83.42	85.54	87.46	143.2					
162	73.16	72.28	70.95	72.72	73.74	75.42	75.39	76.99	78.85	79.93	81.79	82.64	83.49	136.2					
202	72.14	70.14	68.77	72.31	71.32	73.83	74.23	75.87	78.88	77.78	82.31	82.16	82.52	136.4					
252	73.64	80.23	66.24	66.68	68.63	70.89	73.29	77.21	76.95	75.24	79.21	82.21	77.83	133.2					
312	70.21	72.62	69.74	67.23	67.64	67.95	69.09	72.89	71.11	78.26	72.44	73.14	74.88	128.7					
402	73.83	73.15	74.24	72.98	74.04	74.21	75.19	72.54	74.97	75.97	75.36	73.57	76.11	132.8					
502	74.85	73.62	74.65	74.33	77.12	77.28	78.28	76.03	77.26	78.21	82.99	84.37	75.22	135.9					
630	76.96	77.67	76.37	77.28	77.94	79.78	80.44	86.61	82.72	82.87	83.97	86.25	75.75	130.9					
802	74.31	77.38	73.19	74.44	77.78	79.72	88.12	81.59	85.89	85.96	84.14	82.71	78.53	148.1					
1002	74.29	74.95	76.86	76.04	75.82	76.59	75.98	76.23	78.79	86.96	86.76	79.36	78.86	136.7					
1250	77.80	82.20	82.11	81.14	81.61	84.18	84.41	82.28	80.84	84.88	81.22	71.51	74.72	141.4					
1600	77.46	77.81	77.88	78.31	76.88	80.88	78.88	78.51	79.32	82.39	81.27	76.59	76.24	136.9					
2000	74.88	74.79	78.23	75.85	73.48	79.79	73.82	76.73	77.24	78.29	78.18	74.59	74.28	136.7					
2500	74.68	74.51	77.89	76.82	79.93	79.86	79.96	81.69	86.55	76.38	75.99	74.33	74.82	130.3					
3152	88.24	74.96	75.18	86.71	81.54	79.52	82.43	83.15	83.96	88.17	78.09	76.93	71.84	149.9					
4002	81.77	82.81	80.24	81.92	81.56	84.62	84.22	83.16	84.89	85.36	83.89	77.82	76.51	143.7					
5002	86.42	89.97	88.34	88.28	88.23	84.18	87.88	91.88	91.88	92.84	92.12	81.37	84.69	153.3					
6302	81.88	86.17	82.97	89.69	89.72	89.88	82.61	89.37	89.73	81.98	79.19	77.69	77.67	143.9					
8000	88.41	78.31	77.72	77.95	77.53	88.29	88.42	82.57	83.44	81.32	81.22	74.86	72.72	144.1					
10002	81.93	81.75	86.76	83.82	82.10	84.79	84.04	85.35	86.55	86.02	83.37	79.36	78.73	149.8					

MEASURED GASPL	92.76	94.11	93.36	93.49	93.29	96.18	94.37	95.97	96.84	97.56	98.71	99.58	96.79
CALCULATED GASPL	92.21	93.26	93.53	93.32	93.36	94.77	94.44	95.97	96.62	97.29	98.99	94.29	95.48
P/D8	126.8	126.6	128.7	123.1	126.3	111.9	128.4	111.5	111.1	111.6	112.2	125.9	126.2

AMBIENT TEMP. 31.82
 MET-BULB TEMP. 27.49
 RAD. PRESSURE 28.96
 ABS. HUMIDITY 1.472
 FAA FAN/COMPRESSOR - PHASE 98 & 99 I/D 1/30/77 R/V. 2/3/77-3

RUN#11 SCOPY SPEED=7580
 GAP LI 156.2

DATE: 7/24/72

RACIAL DISTANCE 252

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SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	18.2	22.8	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	140.2	152.2	172.2	192.2
20	-4.17	-3.35	-2.17	-2.49	-3.46	-2.98	-2.31	-1.34	-1.17	-2.373	2.220	3.972	8.153				
30	-6.11	-5.05	-3.88	-4.12	-5.16	-4.23	-2.89	-1.27	-1.432	1.413	3.222	4.812	7.217				
40	-8.22	-6.19	-5.36	-4.72	-5.39	-3.91	-1.98	-1.781	-1.026	1.741	3.036	5.489	6.674				
50	-10.21	-8.68	-7.32	-6.22	-6.37	-4.44	-1.26	-1.282	-0.61	3.874	5.612	2.673	4.622				
60	-12.61	-10.57	-9.02	-7.25	-6.21	-4.21	-2.38	-1.781	-1.783	2.129	4.829	4.868	5.717				
70	-15.05	-12.46	-10.66	-8.19	-6.66	-4.61	-2.45	-1.537	-1.537	1.537	4.313	6.159	3.249				
80	-17.22	-14.22	-12.44	-9.28	-7.48	-5.48	-2.77	-2.31	-2.31	1.828	1.778	4.313	6.159				
90	-19.22	-15.22	-13.22	-10.22	-8.22	-6.22	-3.22	-3.22	-3.22	1.828	1.778	4.313	6.159				
100	-21.22	-16.22	-14.22	-11.22	-9.22	-7.22	-4.22	-4.22	-4.22	1.828	1.778	4.313	6.159				
110	-23.22	-17.22	-15.22	-12.22	-10.22	-8.22	-5.22	-5.22	-5.22	1.828	1.778	4.313	6.159				
120	-25.22	-18.22	-16.22	-13.22	-11.22	-9.22	-6.22	-6.22	-6.22	1.828	1.778	4.313	6.159				
130	-27.22	-19.22	-17.22	-14.22	-12.22	-10.22	-7.22	-7.22	-7.22	1.828	1.778	4.313	6.159				
140	-29.22	-20.22	-18.22	-15.22	-13.22	-11.22	-8.22	-8.22	-8.22	1.828	1.778	4.313	6.159				
150	-31.22	-21.22	-19.22	-16.22	-14.22	-12.22	-9.22	-9.22	-9.22	1.828	1.778	4.313	6.159				
160	-33.22	-22.22	-20.22	-17.22	-15.22	-13.22	-10.22	-10.22	-10.22	1.828	1.778	4.313	6.159				
170	-35.22	-23.22	-21.22	-18.22	-16.22	-14.22	-11.22	-11.22	-11.22	1.828	1.778	4.313	6.159				
180	-37.22	-24.22	-22.22	-19.22	-17.22	-15.22	-12.22	-12.22	-12.22	1.828	1.778	4.313	6.159				
190	-39.22	-25.22	-23.22	-20.22	-18.22	-16.22	-13.22	-13.22	-13.22	1.828	1.778	4.313	6.159				
200	-41.22	-26.22	-24.22	-21.22	-19.22	-17.22	-14.22	-14.22	-14.22	1.828	1.778	4.313	6.159				
210	-43.22	-27.22	-25.22	-22.22	-20.22	-18.22	-15.22	-15.22	-15.22	1.828	1.778	4.313	6.159				
220	-45.22	-28.22	-26.22	-23.22	-21.22	-19.22	-16.22	-16.22	-16.22	1.828	1.778	4.313	6.159				
230	-47.22	-29.22	-27.22	-24.22	-22.22	-20.22	-17.22	-17.22	-17.22	1.828	1.778	4.313	6.159				
240	-49.22	-30.22	-28.22	-25.22	-23.22	-21.22	-18.22	-18.22	-18.22	1.828	1.778	4.313	6.159				
250	-51.22	-31.22	-29.22	-26.22	-24.22	-22.22	-19.22	-19.22	-19.22	1.828	1.778	4.313	6.159				
260	-53.22	-32.22	-30.22	-27.22	-25.22	-23.22	-20.22	-20.22	-20.22	1.828	1.778	4.313	6.159				
270	-55.22	-33.22	-31.22	-28.22	-26.22	-24.22	-21.22	-21.22	-21.22	1.828	1.778	4.313	6.159				
280	-57.22	-34.22	-32.22	-29.22	-27.22	-25.22	-22.22	-22.22	-22.22	1.828	1.778	4.313	6.159				
290	-59.22	-35.22	-33.22	-30.22	-28.22	-26.22	-23.22	-23.22	-23.22	1.828	1.778	4.313	6.159				
300	-61.22	-36.22	-34.22	-31.22	-29.22	-27.22	-24.22	-24.22	-24.22	1.828	1.778	4.313	6.159				
310	-63.22	-37.22	-35.22	-32.22	-30.22	-28.22	-25.22	-25.22	-25.22	1.828	1.778	4.313	6.159				
320	-65.22	-38.22	-36.22	-33.22	-31.22	-29.22	-26.22	-26.22	-26.22	1.828	1.778	4.313	6.159				
330	-67.22	-39.22	-37.22	-34.22	-32.22	-30.22	-27.22	-27.22	-27.22	1.828	1.778	4.313	6.159				
340	-69.22	-40.22	-38.22	-35.22	-33.22	-31.22	-28.22	-28.22	-28.22	1.828	1.778	4.313	6.159				
350	-71.22	-41.22	-39.22	-36.22	-34.22	-32.22	-29.22	-29.22	-29.22	1.828	1.778	4.313	6.159				
360	-73.22	-42.22	-40.22	-37.22	-35.22	-33.22	-30.22	-30.22	-30.22	1.828	1.778	4.313	6.159				
370	-75.22	-43.22	-41.22	-38.22	-36.22	-34.22	-31.22	-31.22	-31.22	1.828	1.778	4.313	6.159				
380	-77.22	-44.22	-42.22	-39.22	-37.22	-35.22	-32.22	-32.22	-32.22	1.828	1.778	4.313	6.159				
390	-79.22	-45.22	-43.22	-40.22	-38.22	-36.22	-33.22	-33.22	-33.22	1.828	1.778	4.313	6.159				
400	-81.22	-46.22	-44.22	-41.22	-39.22	-37.22	-34.22	-34.22	-34.22	1.828	1.778	4.313	6.159				
410	-83.22	-47.22	-45.22	-42.22	-40.22	-38.22	-35.22	-35.22	-35.22	1.828	1.778	4.313	6.159				
420	-85.22	-48.22	-46.22	-43.22	-41.22	-39.22	-36.22	-36.22	-36.22	1.828	1.778	4.313	6.159				
430	-87.22	-49.22	-47.22	-44.22	-42.22	-40.22	-37.22	-37.22	-37.22	1.828	1.778	4.313	6.159				
440	-89.22	-50.22	-48.22	-45.22	-43.22	-41.22	-38.22	-38.22	-38.22	1.828	1.778	4.313	6.159				
450	-91.22	-51.22	-49.22	-46.22	-44.22	-42.22	-39.22	-39.22	-39.22	1.828	1.778	4.313	6.159				
460	-93.22	-52.22	-50.22	-47.22	-45.22	-43.22	-40.22	-40.22	-40.22	1.828	1.778	4.313	6.159				
470	-95.22	-53.22	-51.22	-48.22	-46.22	-44.22	-41.22	-41.22	-41.22	1.828	1.778	4.313	6.159				
480	-97.22	-54.22	-52.22	-49.22	-47.22	-45.22	-42.22	-42.22	-42.22	1.828	1.778	4.313	6.159				
490	-99.22	-55.22	-53.22	-50.22	-48.22	-46.22	-43.22	-43.22	-43.22	1.828	1.778	4.313	6.159				
500	-101.22	-56.22	-54.22	-51.22	-49.22	-47.22	-44.22	-44.22	-44.22	1.828	1.778	4.313	6.159				

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AMBIENT TEMP 33.02
 MET-BULB TEMP 27.49
 BAR. PRESSURE 26.84
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 58 - 5C 7/D 1/30/77 R/D 2/3/78-3

RUN#11 R0009 S#EED#7500

DATE: 2/25/77

RACIA DISTANCE 254

PAGE: 1

SOLN PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	17.7	20.2	30.0	47.2	52.0	60.7	70.0	80.0	92.0	100.0	112.7	127.0	132.7	142.0	152.7	170.7	(P L)
57	79.96	82.82	79.17	78.55	78.42	76.55	75.25	77.66	79.55	79.94	82.92	83.52	88.52	138.1			
63	78.7A	82.79	79.43	79.61	78.44	77.69	77.23	75.82	79.75	82.26	84.36	88.82	138.7				
82	77.07	79.18	77.87	77.79	77.11	77.46	77.59	78.54	79.98	81.25	82.97	84.63	87.62	138.4			
122	78.27	79.14	77.20	77.97	77.68	78.25	78.09	79.77	81.27	82.79	84.11	86.58	88.42	139.5			
125	82.96	85.94	83.27	82.17	81.64	82.39	83.32	87.67	87.14	87.33	87.32	87.95	89.64	143.5			
133	78.46	77.56	75.23	76.23	76.34	72.89	77.23	78.17	88.32	81.73	83.81	84.90	85.55	132.3			
282	73.99	74.86	72.39	73.78	73.91	75.81	76.39	77.21	78.65	79.66	82.26	84.86	85.31	136.5			
282	71.82	73.3A	71.11	72.37	71.2A	73.19	74.5A	77.47	76.75	77.68	82.25	81.89	85.77	134.8			
319	72.51	73.99	73.67	74.38	74.19	74.45	72.62	73.32	73.92	73.42	76.28	75.49	76.79	131.6			
424	74.22	75.12	74.25	75.82	75.27	74.83	74.28	74.93	75.23	74.11	74.22	77.22	78.58	133.9			
522	75.75	77.75	77.96	77.98	79.21	78.97	77.38	77.62	78.26	79.63	82.66	78.38	77.26	136.8			
632	73.35	78.22	78.53	81.68	81.44	82.18	80.32	79.86	81.87	81.44	82.34	81.62	78.34	139.5			
822	75.85	76.37	77.56	76.93	79.25	80.42	82.58	82.47	86.75	83.57	84.27	81.33	79.64	142.7			
1222	74.14	77.4A	76.71	78.3A	78.35	79.14	83.87	79.23	83.82	81.20	82.18	86.39	78.92	138.5			
1250	78.45	82.52	81.97	80.29	84.75	85.31	84.56	82.89	82.33	82.84	81.44	79.95	78.95	142.7			
1482	78.41	80.39	82.37	84.89	83.24	87.7A	84.81	82.65	81.82	82.41	81.29	78.71	78.32	142.7			
2082	74.92	79.35	82.83	82.44	84.17	87.29	82.49	82.58	82.37	81.82	82.43	77.84	78.45	142.1			
2522	74.20	75.77	79.72	82.5A	83.53	81.49	83.17	83.34	81.79	77.91	75.94	75.25	75.29	142.6			
3182	79.23	78.19	78.17	80.12	85.33	82.88	84.47	84.55	83.88	82.23	78.87	78.46	77.14	142.6			
4282	80.43	82.38	82.1A	82.59	82.2A	83.88	83.44	83.71	82.43	82.93	82.93	78.82	78.97	143.9			
5982	85.69	90.62	91.36	88.89	86.68	92.36	87.85	92.96	91.72	94.16	92.63	93.24	96.72	151.8			
6328	82.77	88.81	83.19	83.8A	82.19	81.5A	82.91	84.38	83.37	82.48	82.22	78.17	78.83	144.8			
8282	79.97	79.91	79.13	80.15	80.17	82.58	81.05	84.26	83.47	84.43	82.35	76.82	75.94	145.4			
12282	81.87	82.53	82.88	84.21	83.59	87.12	84.84	84.35	82.24	87.78	83.82	82.82	83.11	152.9			

MEASURED CASPL 93.24 96.83 95.62 95.71 95.94 97.66 98.29 97.81 97.74 98.47 97.87 97.53 99.27
 CALCULATED CASPL 92.69 95.32 95.35 95.29 95.45 97.51 96.89 97.65 97.49 98.27 96.96 95.97 97.55
 PWS 146.6 189.8 112.3 182.7 149.1 112.1 189.9 112.4 111.8 113.8 118.8 126.8 128.2

RAP: 111 157.4

AMBIENT TEMP 33.20
 MET-BULE TEMP 27.49
 BAR PRESSURE 28.86
 ABS HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 58 + 50 7/D 1/32/72 R/E 2/3/77-3

RUN: 111 RCG: 122 SPEED: 772

DATE: 2/25/77

RADIAL DISTANCE 252

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	12.2	22.2	42.2	52.2	62.2	72.2	82.2	102.2	112.2	122.2	132.2	142.2	152.2	172.2	202.2
50	-3.52	-4.98	-1.21	-1.66	-1.89	-3.16	-4.26	-2.63	-.94	-.372	-.615	-.247	-.228	-.228	-.228
63	-2.11	-1.771	-1.44	-1.86	-2.43	-3.17	-3.14	-1.85	-1.12	-.2187	-.139	-.3487	-.948	-.948	-.948
82	-2.73	-1.22	-2.53	-2.41	-3.29	-2.94	-2.81	-1.86	-1.16	-.8582	-.272	-.4235	-.7222	-.7222	-.7222
100	-3.38	-2.31	-4.16	-3.48	-3.61	-3.48	-2.97	-1.74	-.382	-.1399	-.265	-.5747	-.845	-.845	-.845
125	-2.32	-2.347	-2.12	-2.13	-3.85	-2.91	-2.29	-2.262	-.836	-.1264	-.216	-.243	-.733	-.733	-.733
150	-3.59	-2.49	-4.96	-3.82	-3.62	-3.16	-2.27	-2.84	-.3423	-.1596	-.3758	-.4688	-.899	-.899	-.899
200	-4.12	-3.28	-5.74	-4.44	-4.23	-3.13	-2.74	-2.92	-.2668	-.1232	-.4125	-.5933	-.8175	-.8175	-.8175
250	-4.98	-3.68	-5.27	-4.81	-4.53	-2.99	-2.82	-1.784	-.3419	-.1333	-.3859	-.511	-.4382	-.4382	-.4382
315	-5.37	-3.668	-4.847	-2.87	-2.85	-2.82	-2.26	-1.424	-.265	-.1458	-.337	-.247	-.3259	-.3259	-.3259
400	-1.28	-1.03	-1.03	-1.29	-1.29	-1.29	-1.47	-1.753	-.378	-.269	-.8117	-.8212	-.722	-.722	-.722
500	-3.22	-2.34	-2.83	-1.93	-1.69	-1.63	-2.47	-1.712	-.306	-.8721	-.2369	-.1858	-.223	-.223	-.223
600	-3.73	-2.24	-3.84	-4.47	-3.32	-1.18	-.932	-.825	-.825	-.825	-.825	-.825	-.825	-.825	-.825
800	-4.15	-2.79	-4.13	-3.883	-2.159	-2.714	-1.968	-2.939	-.271	-.2477	-.114	-.212	-.212	-.212	-.212
1000	-6.05	-2.87	-4.96	-1.837	-1.79	-1.708	-1.548	-1.484	-.265	-.667	-.197	-.434	-.434	-.434	-.434
1200	-5.27	-2.83	-4.891	-2.518	-2.518	-2.518	-2.518	-2.518	-2.518	-2.518	-2.518	-2.518	-2.518	-2.518	-2.518
1500	-6.28	-4.61	-4.675	-1.775	-1.775	-1.775	-1.775	-1.775	-1.775	-1.775	-1.775	-1.775	-1.775	-1.775	-1.775
2000	-3.24	-3.86	-3.89	-2.239	-2.239	-2.239	-2.239	-2.239	-2.239	-2.239	-2.239	-2.239	-2.239	-2.239	-2.239
2500	-4.34	-4.48	-2.67	-1.864	-1.338	-2.298	-2.899	-1.633	-.8794	-.2694	-.1742	-.492	-.492	-.492	-.492
3000	-4.62	-3.828	-1.848	-1.42	-1.364	-2.247	-2.47	-2.641	-.421	-.3867	-.3119	-.707	-.3159	-.3159	-.3159
3500	-4.28	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42
4000	-4.38	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43
12000	-5.77	-2.31	-2.176	-1.828	-2.125	-2.279	-1.798	-1.918	-2.482	-2.939	-1.623	-3.19	-3.19	-3.19	-3.19

041

AMBIENT TEMP. 33.82
 MET-BULB TEMP. 27.45
 BAR. PRESSURE 28.94
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 50 + 50 T/D 1/30/70 R/D 2/3/70-3

RUN#11 R00#100 SPEED#7727

DATE: 2/5/77

PAGE: 1

RADIAL DISTANCE 252

SOUND PRESSURE LEVELS REDUCED AT STA CARD DAY

FREQ:	2,0	12,2	22,2	32,0	42,2	52,2	62,2	72,2	82,2	92,2	102,2	112,0	122,2	132,2	142,2	152,2	162,2	170,2	(PAL)
	ANGLES FROM INLET																		
52	75,82	76,24	75,36	75,24	75,32	74,72	75,85	77,02	78,25	79,35	81,29	81,99	80,25	137,6					
63	73,84	76,26	76,29	75,73	76,54	77,78	78,11	79,36	79,85	82,71	82,58	85,28	89,72	139,6					
82	71,87	75,88	75,19	75,41	74,52	77,64	77,88	78,85	82,39	81,59	83,55	85,69	87,89	139,6					
102	74,52	75,91	75,41	76,52	77,24	78,38	79,29	82,69	81,39	83,22	84,88	87,35	87,94	144,2					
122	81,92	82,58	84,83	84,11	87,22	84,89	85,54	85,23	87,28	85,24	88,38	86,66	88,43	139,6					
162	75,34	77,76	75,18	76,25	78,23	78,85	78,58	79,52	81,44	82,17	84,37	85,29	89,22	136,2					
202	73,22	72,79	72,42	72,59	73,42	75,32	74,54	77,45	78,45	79,22	82,19	84,25	85,12	133,6					
252	70,86	73,49	71,69	67,34	69,83	72,74	74,12	76,51	75,29	76,24	79,22	81,59	82,76	133,6					
315	72,91	71,85	71,12	68,73	69,53	68,54	76,08	72,48	73,34	73,84	75,21	74,74	77,95	135,1					
402	73,48	73,48	75,79	75,23	75,59	75,34	74,86	75,44	77,46	79,37	79,95	77,83	79,24	132,8					
502	76,13	77,59	78,32	78,41	78,81	79,89	79,83	79,82	82,97	82,32	84,72	84,11	78,99	147,2					
637	76,67	78,41	79,03	80,24	79,79	81,23	81,96	81,55	83,36	82,76	84,96	83,47	78,29	141,9					
802	75,68	81,94	79,43	78,86	78,82	82,31	84,88	85,69	83,92	82,81	84,87	82,28	88,93	138,1					
1022	74,21	76,93	77,09	78,39	78,98	79,12	79,43	78,18	82,29	80,84	81,41	79,52	82,23	145,4					
1222	80,80	80,31	82,14	81,82	82,82	82,82	82,82	82,82	83,19	83,29	83,85	82,89	82,34	142,2					
1502	76,09	80,29	82,08	83,29	83,73	87,15	83,66	81,37	82,55	82,66	82,51	79,84	78,83	141,9					
2002	75,53	81,54	84,44	83,41	83,48	86,54	81,28	82,57	79,67	81,25	82,43	77,29	78,12	142,3					
2527	74,32	77,33	81,45	81,63	83,09	88,74	83,19	82,67	81,69	77,88	77,82	76,23	76,31	142,3					
3152	79,21	79,84	79,65	84,15	85,12	81,81	81,74	81,33	83,54	79,64	78,95	79,14	73,39	143,3					
4027	82,42	82,87	82,88	83,27	82,49	84,89	84,17	81,88	82,66	81,26	82,29	78,32	77,52	152,7					
5002	83,83	85,92	82,16	85,68	84,59	92,92	87,89	92,87	81,38	82,33	88,91	81,97	83,43	144,2					
6302	79,98	82,54	83,51	81,62	81,67	81,21	82,89	83,87	84,79	81,92	82,85	78,92	78,51	165,3					
8002	80,83	82,45	82,24	82,25	79,59	82,55	81,98	83,87	83,35	83,92	82,26	76,71	75,56	149,9					
10002	79,79	81,22	81,46	82,44	81,18	84,13	85,93	85,93	86,33	87,14	83,56	82,22	76,87						
MEASURED CASPL	92,05	94,17	95,96	95,99	96,39	98,23	96,97	96,94	97,71	97,96	96,35	97,85	99,15						
CALCULATED CASPL	91,64	92,25	95,07	95,41	95,74	97,89	94,49	96,64	97,32	97,63	97,27	96,32	97,64						
P/CB	105,4	109,2	119,1	128,4	128,7	132,3	129,4	131,7	131,6	132,3	137,3	136,7	137,8						

CAP: 1 107,6

AMBIENT TEMP. 33,22
WET-BULB TEMP. 27,49
BAR. PRESSURE 28,96
ABS. HUMIDITY 2,422

FAA-FAN/COMPRESSOR - PHASE 5B & 5C 1/0 1/32/77 R/M/2/3/72-3

RUN 11 R0001.PA SPEED=7982

DATE: 2/23/77

RATIAL DISTANCE 25Z

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	0.2	1.2	2.0	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2
50	-3.99	-2.88	-4.45	-4.56	-4.43	-3.82	-3.96	-3.83	-3.24	-3.69	-3.28	-3.69	-3.24	-3.69	-3.28	-3.69	-3.28	-3.69	-3.28
63	-6.94	-4.52	-4.48	-5.15	-4.24	-2.99	-2.67	-1.42	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
80	-4.65	-4.63	-5.33	-5.12	-4.22	-2.47	-2.32	-2.47	-2.32	-2.47	-2.32	-2.47	-2.32	-2.47	-2.32	-2.47	-2.32	-2.47	-2.32
100	-7.01	-5.62	-6.12	-5.21	-4.29	-3.19	-2.24	-1.83	-1.52	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46
125	-3.88	-3.68	-3.62	-3.76	-3.56	-3.82	-3.29	-3.42	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25	-3.25
160	-5.23	-2.81	-5.39	-4.42	-2.54	-2.52	-1.99	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
200	-4.97	-5.20	-7.20	-5.62	-4.59	-2.47	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43
250	-4.68	-4.97	-7.56	-6.11	-5.63	-2.72	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35
315	-1.44	-4.92	-1.23	-3.82	-2.84	-2.78	-1.37	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32
400	-2.93	-2.93	-1.69	-1.39	-1.39	-1.87	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56	-1.56
500	-3.23	-2.43	-1.71	-1.71	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22	-1.22
630	-4.62	-2.89	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46
800	-2.39	-2.93	-3.23	-4.02	-3.85	-2.87	-2.87	-2.87	-2.87	-2.87	-2.87	-2.87	-2.87	-2.87	-2.87	-2.87	-2.87	-2.87	-2.87
1000	-4.83	-1.92	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16
1250	-2.48	-3.93	-1.93	-2.83	-2.53	-2.53	-2.53	-2.53	-2.53	-2.53	-2.53	-2.53	-2.53	-2.53	-2.53	-2.53	-2.53	-2.53	-2.53
1600	-6.48	-2.24	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87
2000	-4.41	-2.48	-2.47	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68
2500	-6.12	-3.13	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95	-1.95
3150	-2.47	-2.44	-2.25	-2.44	-2.25	-2.44	-2.25	-2.44	-2.25	-2.44	-2.25	-2.44	-2.25	-2.44	-2.25	-2.44	-2.25	-2.44	-2.25
4000	-3.76	-6.85	-1.31	-1.93	-3.33	-1.98	-2.92	-3.04	-3.04	-3.04	-3.04	-3.04	-3.04	-3.04	-3.04	-3.04	-3.04	-3.04	-3.04
5000	-2.37	-2.27	-2.37	-3.42	-4.51	-3.74	-2.12	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47
6300	-3.75	-1.19	-1.77	-1.13	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29
8000	-3.28	-2.83	-1.87	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74
10000	-3.96	-2.54	-2.37	-1.92	-2.58	-1.78	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17	-2.17

643

AMBIENT TEMP. 33.22
 WET-BULB TEMP. 27.49
 BAR. PRESSURE 28.84
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR PHASE 58 + 5C Y/D 1/32/77 R/D 2/3/77-3

RUN#11 RDB#131 SPEED#799?

DATE: 2/15/77

RADIAL DISTANCE 251

PAGE 1

SOUND PRESSURE LEVELS REDUCED AT STA' CAV' 74V

FREQ:	52.2	54.2	56.2	58.2	60.2	62.2	64.2	66.2	68.2	70.2	72.2	74.2	76.2	78.2	80.2	82.2	84.2	86.2	88.2	90.2	92.2	94.2	96.2	98.2	100.2	102.2	104.2	106.2	108.2	110.2	112.2	114.2	116.2	118.2	120.2	122.2	124.2	126.2	128.2	130.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
52	77.27	74.74	72.49	70.31	68.19	66.12	64.10	62.13	60.21	58.34	56.52	54.75	53.03	51.36	49.74	48.17	46.64	45.16	43.72	42.33	40.99	39.70	38.46	37.27	36.12	35.02	33.97	32.96	31.99	31.06	30.17	29.32	28.51	27.73	26.99	26.29	25.62	25.00	24.42	23.88	23.38	22.90	22.46	22.05	21.67	21.32	20.99	20.69	20.41	20.15	19.91	19.68	19.46	19.25	19.05	18.86	18.68	18.51	18.35	18.19	18.04	17.89	17.75	17.62	17.49	17.37	17.25	17.14	17.04	16.94	16.85	16.76	16.68	16.60	16.52	16.45	16.38	16.31	16.25	16.18	16.12	16.06	16.00	15.94	15.89	15.83	15.78	15.73	15.68	15.63	15.58	15.53	15.49	15.44	15.40	15.36	15.32	15.28	15.24	15.20	15.16	15.13	15.09	15.06	15.02	14.99	14.96	14.93	14.90	14.87	14.84	14.81	14.78	14.75	14.72	14.69	14.66	14.63	14.60	14.57	14.54	14.51	14.48	14.45	14.42	14.39	14.36	14.33	14.30	14.27	14.24	14.21	14.18	14.15	14.12	14.09	14.06	14.03	14.00	13.97	13.94	13.91	13.88	13.85	13.82	13.79	13.76	13.73	13.70	13.67	13.64	13.61	13.58	13.55	13.52	13.49	13.46	13.43	13.40	13.37	13.34	13.31	13.28	13.25	13.22	13.19	13.16	13.13	13.10	13.07	13.04	13.01	12.98	12.95	12.92	12.89	12.86	12.83	12.80	12.77	12.74	12.71	12.68	12.65	12.62	12.59	12.56	12.53	12.50	12.47	12.44	12.41	12.38	12.35	12.32	12.29	12.26	12.23	12.20	12.17	12.14	12.11	12.08	12.05	12.02	11.99	11.96	11.93	11.90	11.87	11.84	11.81	11.78	11.75	11.72	11.69	11.66	11.63	11.60	11.57	11.54	11.51	11.48	11.45	11.42	11.39	11.36	11.33	11.30	11.27	11.24	11.21	11.18	11.15	11.12	11.09	11.06	11.03	11.00	10.97	10.94	10.91	10.88	10.85	10.82	10.79	10.76	10.73	10.70	10.67	10.64	10.61	10.58	10.55	10.52	10.49	10.46	10.43	10.40	10.37	10.34	10.31	10.28	10.25	10.22	10.19	10.16	10.13	10.10	10.07	10.04	10.01	9.98	9.95	9.92	9.89	9.86	9.83	9.80	9.77	9.74	9.71	9.68	9.65	9.62	9.59	9.56	9.53	9.50	9.47	9.44	9.41	9.38	9.35	9.32	9.29	9.26	9.23	9.20	9.17	9.14	9.11	9.08	9.05	9.02	8.99	8.96	8.93	8.90	8.87	8.84	8.81	8.78	8.75	8.72	8.69	8.66	8.63	8.60	8.57	8.54	8.51	8.48	8.45	8.42	8.39	8.36	8.33	8.30	8.27	8.24	8.21	8.18	8.15	8.12	8.09	8.06	8.03	8.00	7.97	7.94	7.91	7.88	7.85	7.82	7.79	7.76	7.73	7.70	7.67	7.64	7.61	7.58	7.55	7.52	7.49	7.46	7.43	7.40	7.37	7.34	7.31	7.28	7.25	7.22	7.19	7.16	7.13	7.10	7.07	7.04	7.01	6.98	6.95	6.92	6.89	6.86	6.83	6.80	6.77	6.74	6.71	6.68	6.65	6.62	6.59	6.56	6.53	6.50	6.47	6.44	6.41	6.38	6.35	6.32	6.29	6.26	6.23	6.20	6.17	6.14	6.11	6.08	6.05	6.02	5.99	5.96	5.93	5.90	5.87	5.84	5.81	5.78	5.75	5.72	5.69	5.66	5.63	5.60	5.57	5.54	5.51	5.48	5.45	5.42	5.39	5.36	5.33	5.30	5.27	5.24	5.21	5.18	5.15	5.12	5.09	5.06	5.03	5.00	4.97	4.94	4.91	4.88	4.85	4.82	4.79	4.76	4.73	4.70	4.67	4.64	4.61	4.58	4.55	4.52	4.49	4.46	4.43	4.40	4.37	4.34	4.31	4.28	4.25	4.22	4.19	4.16	4.13	4.10	4.07	4.04	4.01	3.98	3.95	3.92	3.89	3.86	3.83	3.80	3.77	3.74	3.71	3.68	3.65	3.62	3.59	3.56	3.53	3.50	3.47	3.44	3.41	3.38	3.35	3.32	3.29	3.26	3.23	3.20	3.17	3.14	3.11	3.08	3.05	3.02	2.99	2.96	2.93	2.90	2.87	2.84	2.81	2.78	2.75	2.72	2.69	2.66	2.63	2.60	2.57	2.54	2.51	2.48	2.45	2.42	2.39	2.36	2.33	2.30	2.27	2.24	2.21	2.18	2.15	2.12	2.09	2.06	2.03	2.00	1.97	1.94	1.91	1.88	1.85	1.82	1.79	1.76	1.73	1.70	1.67	1.64	1.61	1.58	1.55	1.52	1.49	1.46	1.43	1.40	1.37	1.34	1.31	1.28	1.25	1.22	1.19	1.16	1.13	1.10	1.07	1.04	1.01	0.98	0.95	0.92	0.89	0.86	0.83	0.80	0.77	0.74	0.71	0.68	0.65	0.62	0.59	0.56	0.53	0.50	0.47	0.44	0.41	0.38	0.35	0.32	0.29	0.26	0.23	0.20	0.17	0.14	0.11	0.08	0.05	0.02	0.00

MEASURED GASPL
CALCULATED GASPL

AMBIENT TEMP. 53.82
METEOROLOG. TEMP. 27.02
BAR. PRESSURE 20.96
ABS. HUMIDITY 2.422

FAN FAN/COMPRESSOR - PHASE SB A 5C T/D 1/38/77 P/D 2/2/78 53

RUNN11 SPEED00182

CAP. LI 157.1

644

DATE: 2/19/72

RACIAL DISTANCE 298

PAGE: 2

SCUMC PRESSURE LEVELS CIPROACTIVITY INDEX

FREQ.	S.E.	18.0	22.0	32.0	42.2	58.1	67.2	77.2	82.8	92.8	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	
63	-2.49	-4.51	-4.45	-4.74	-4.26	-3.82	-4.51	-2.34	-1.13	-0.61	-.9815	4.325	3.557							
88	-6.81	-5.74	-4.41	-4.09	-4.88	-4.40	-3.64	-2.64	-1.52	-.373	2.126	4.535	9.369							
108	-4.03	-2.51	-2.32	-2.18	-4.48	-3.78	-2.28	-2.83	-1.32	-.822	3.164	5.294	8.164							
125	-7.44	-7.34	-6.49	-5.44	-4.40	-3.49	-2.56	-1.95	-1.672	1.329	3.187	6.711	7.244							
148	-2.72	1.279	-2.29	-2.24	2.497	2.281	-1.272	-1.515	-2.44	-1.54	2.514	1.511	3.825							
200	-4.79	-2.57	-4.98	-4.38	-5.27	-4.81	-3.74	-1.27	-1.447	1.946	3.213	4.371	5.823							
280	-6.82	-7.85	-6.71	-6.92	-5.98	-3.73	-2.46	1.931	1.492	1.498	4.224	6.833	4.388							
319	-1.89	-1.98	-1.98	-1.74	-4.48	-3.43	-1.21	1.822	1.948	1.351	3.372	3.393	4.892							
400	-1.528	-2.45	-1.95	-1.32	-1.32	-1.279	-1.285	-1.732	1.168	1.491	1.413	3.959								
600	-3.69	-2.43	-2.74	-1.74	-1.35	-1.71	2.159	1.681	1.697	1.82	2.892	4.748	4.37							
1000	-4.22	-1.82	-2.49	-2.18	-3.84	-2.366	1.306	1.745	1.642	1.82	2.892	4.748	4.37							
1250	-4.81	-1.41	-1.92	-1.39	-1.51	-1.21	1.818	-1.59	1.118	1.999	3.213	1.965	1.469							
1600	-5.38	-0.12	-0.31	3.383	2.082	3.232	1.824	-1.33	-1.42	-1.16	1.681	1.478	2.89	3.64						
2000	-9.44	-2.38	-1.894	1.889	2.218	3.788	1.945	-1.43	-1.88	1.681	1.478	2.89	3.64							
2500	-4.57	-3.11	-1.42	1.934	1.094	1.857	1.834	-1.21	-1.58	1.224	1.535	2.82	3.21							
3150	-1.42	-2.51	-1.13	2.742	2.674	2.977	1.257	1.224	2.388	-1.74	2.78	2.73								
4000	-4.69	1.293	-2.24	-1.33	-3.28	3.441	1.597	-1.89	1.498	2.294	1.935	-3.69	-5.38							
5000	-1.18	-1.44	-1.63	-1.845	-1.88	3.714	-1.15	1.405	2.412	3.739	2.85	3.72	3.93							
6000	-1.644	-1.33	-1.52	-1.84	-1.872	1.872	-1.417	3.115	1.929	1.899	2.88	2.93								
8000	-2.63	-2.93	-3.03	-1.62	-1.64	-1.91	1.642	3.235	2.938	1.838	1.325	2.94	2.11							
10000																				

645

AMBIENT TEMP. 33.26
 MET-BULB TEMP. 27.49
 BAR. PRESSURE 28.96
 ABS. HUMIDITY 2.472

FAA FAX/COMPRESSOR - PHASE 5C - 5C T/D 1/38/72 R/C 2/3/72-3

RUN#11 RCG#102 SPEED#6100

DATE: 2/25/77

PAGE: 1

RADIAL DISTANCE 254

SOUND PRESSURE LEVELS MEASURED AT STANDARD DAY

FREQ.	30.2	40.2	50.2	62.2	72.2	82.2	92.2	112.2	122.2	132.2	140.2	152.2	162.2	172.2	(ALL)
52	74.84	71.49	74.45	76.97	77.27	77.59	77.11	76.95	76.24	76.79	76.92	76.79	76.94	76.82	139.7
63	73.04	74.99	77.86	77.83	77.15	78.24	78.51	75.86	75.58	75.82	75.82	75.82	75.82	75.82	142.8
82	74.35	75.23	74.48	74.84	74.53	74.88	74.78	74.84	74.82	74.83	74.83	74.83	74.83	74.83	146.4
102	75.26	75.23	76.07	76.59	79.82	80.27	81.25	82.22	83.47	84.93	86.96	88.47	91.45		147.1
122	81.21	84.52	83.77	85.57	86.83	86.24	86.34	87.37	88.23	88.23	88.23	88.23	88.23	88.23	147.7
162	78.97	81.65	82.91	82.96	82.42	83.86	85.51	84.45	85.67	84.72	87.36	88.23	89.57		138.9
202	75.84	73.17	72.44	75.18	76.16	77.68	78.12	78.94	81.49	82.83	83.28	87.73	88.45		138.9
252	72.47	69.52	69.71	70.25	73.12	75.41	77.32	78.77	80.12	79.92	83.43	84.90	83.37		137.2
312	72.34	72.58	73.83	76.28	78.71	74.42	74.18	74.18	77.54	74.88	78.78	78.47	88.83		134.8
402	76.35	76.18	78.57	76.81	78.59	79.69	79.71	76.18	77.68	78.98	79.57	79.88	81.97		130.1
502	79.84	78.87	82.37	82.78	81.58	82.64	82.68	82.68	82.68	82.68	82.68	82.68	82.68	82.68	148.4
632	79.86	82.88	81.81	83.21	84.23	84.26	85.84	85.85	84.52	84.64	86.47	85.36	88.96		142.8
802	82.93	85.76	83.48	84.58	85.89	87.40	84.51	86.22	87.82	87.31	88.72	88.80	84.33		145.2
1002	78.23	79.69	82.19	81.87	81.59	81.43	82.48	82.28	82.32	84.77	84.94	83.82	81.88		143.2
1252	82.57	88.88	87.27	88.18	82.21	88.35	88.72	84.47	83.51	84.83	83.83	82.12			143.9
1602	79.75	83.31	84.73	86.25	87.27	87.71	84.87	82.84	82.88	84.29	83.66	81.52	82.91		141.8
2002	78.25	81.48	84.18	82.57	82.54	83.45	81.37	81.82	88.52	82.64	81.48	78.87	82.52		141.8
2502	75.69	77.38	81.89	83.39	82.33	83.45	83.44	84.11	82.28	78.97	77.48	77.15	77.42		148.2
3102	81.12	74.91	78.73	83.34	83.41	88.47	83.77	84.32	84.18	88.18	79.38	78.53	74.54		142.2
4002	82.16	83.28	88.42	82.67	82.89	83.59	84.99	82.31	83.22	84.48	81.86	78.86	77.22		149.4
5002	83.19	84.07	87.12	83.19	83.52	88.23	88.74	88.93	82.14	81.23	84.48	79.53	82.84		149.7
6302	81.15	88.66	82.83	81.53	82.41	82.47	84.16	84.93	86.33	83.77	88.78	79.44	79.91		149.2
8002	82.64	88.84	75.42	79.22	79.45	82.88	82.59	85.22	84.51	83.73	82.13	74.22	75.19		148.7
10002	79.77	88.24	79.18	88.89	88.73	82.82	84.67	85.84	85.35	85.85	82.88	78.17	78.49		148.6

MEASURED CASPL 92.76 96.27 96.29 97.27 91.16 98.82 98.91 98.88 98.94 99.13 99.56 100.15 102.2
 CALCULATED CASPL 93.18 95.56 95.56 96.42 97.34 98.18 97.86 98.13 98.37 98.33 98.17 98.78 102.4
 PADO 106.3 106.6 126.9 109.2 109.2 111.7 111.8 112.6 112.6 112.6 112.9 127.9 127.3 108.4

OP/41 197.6

AMBIENT TEMP 53.33
 METEOROLOG TEMP 27.40
 BAR. PRESSURE 28.96
 ABS. HUMIDITY 2.472

FAA-PAN/CORNER/35CR - PHASE 59 - 9C - T/P 1/38/70 - R/D 2/3/72-3

BARO 1001033 RORBAR 1 SPEED 0003M

DATE: 2/15/77

CAPITAL DISTANCE 298

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.2	18.8	22.8	33.6	48.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2
52	-8.23	-8.43	-5.77	-4.95	-4.72	-4.33	-4.81	-2.97	-1.88	-1.13	1.88	4.67	9.93	14.83	19.24	23.17	26.62	29.57	32.02
63	-9.20	-7.95	-5.86	-5.91	-5.79	-4.88	-6.22	-3.16	-2.36	-1.72	1.33	4.94	9.98	14.83	19.24	23.17	26.62	29.57	32.02
82	-8.17	-7.48	-6.18	-5.84	-5.14	-4.78	-5.98	-2.83	-1.83	-1.13	1.88	4.67	9.93	14.83	19.24	23.17	26.62	29.57	32.02
102	-8.76	-8.79	-7.16	-5.48	-5.81	-3.93	-5.78	-1.91	-0.24	0.92	2.99	6.44	7.82	11.28	14.83	19.24	23.17	26.62	29.57
122	-8.38	-8.28	-6.82	-4.83	-4.77	-3.11	-4.83	-2.58	-1.83	-1.13	1.88	4.67	9.93	14.83	19.24	23.17	26.62	29.57	32.02
152	-8.05	-8.97	-3.71	-1.66	-2.28	-0.78	0.92	-1.76	0.83	0.92	2.74	3.48	4.89	6.04	7.19	8.34	9.49	10.64	11.79
202	-4.81	-9.28	-9.87	-8.53	-9.58	-8.97	-1.58	-0.89	1.54	1.82	4.89	5.79	6.93	8.08	9.23	10.38	11.53	12.68	13.83
252	-8.19	-8.85	-2.38	-1.15	-0.67	-0.37	-0.31	0.28	1.89	2.18	3.22	4.26	5.30	6.34	7.38	8.42	9.46	10.50	11.54
312	-1.86	-1.38	1.159	-1.39	-0.82	-1.71	-1.69	-1.23	0.74	1.59	2.44	3.29	4.14	4.99	5.84	6.69	7.54	8.39	9.24
382	-2.59	-1.74	2.36	1.47	-2.47	1.21	0.83	0.88	-1.42	1.29	2.44	3.59	4.74	5.89	7.04	8.19	9.34	10.49	11.64
432	-3.88	-2.14	-2.83	-1.89	0.92	0.29	1.28	1.89	0.72	0.22	1.38	2.53	3.68	4.83	5.98	7.13	8.28	9.43	10.58
502	-8.88	-8.83	-0.93	-1.82	-0.51	1.27	1.88	2.87	1.83	2.82	3.81	4.80	5.79	6.78	7.77	8.76	9.75	10.74	11.73
582	-8.71	-8.24	-1.75	-0.65	-0.43	-0.94	0.38	0.37	0.93	2.02	2.97	3.92	4.87	5.82	6.77	7.72	8.67	9.62	10.57
652	-8.08	-1.12	-2.77	-2.82	-0.83	2.98	1.47	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
722	-4.58	-0.91	4.83	1.84	2.94	3.48	0.98	-1.46	-0.38	0.83	1.98	3.13	4.28	5.43	6.58	7.73	8.88	10.03	11.18
802	-3.23	-2.83	2.88	3.82	3.87	3.88	2.82	-1.87	-0.87	-0.87	-0.87	-0.87	-0.87	-0.87	-0.87	-0.87	-0.87	-0.87	-0.87
882	-4.98	-8.27	4.41	-0.26	1.71	2.91	2.79	3.49	1.36	-1.67	-3.17	-3.49	-3.82	-4.14	-4.47	-4.80	-5.13	-5.46	-5.79
952	-2.88	-2.49	-2.82	1.43	1.53	1.14	2.12	2.75	2.75	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22
1022	-1.78	-0.59	-1.91	3.83	-2.42	2.31	2.67	-1.81	0.61	2.61	3.61	4.61	5.61	6.61	7.61	8.61	9.61	10.61	11.61
1102	-8.83	-3.42	-1.18	-2.82	-2.78	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82
1202	-1.56	-2.05	1.81	-1.18	-0.89	-0.29	1.49	2.84	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86
1302	-1.23	-1.61	-0.85	-0.82	-0.82	1.23	0.23	3.58	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82
1402	-8.09	-8.42	-3.36	-2.37	-1.73	1.56	2.11	3.19	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81

C47

AMBIENT TEMP. 31.82
 MET-BULB TEMP. 27.49
 BAR. PRESSURE 28.88
 ASS. HUMIDITY 2.472

FAA FAY/COMPRESSOR - PHASE 98 - 5C T/D 1/32772 R/D 2/3/77-3

RUN#11 R08103 SPEED#0387

RADIAL DISTANCE 250

DATE: 2/29/76

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET																			
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	
30	74.34	74.59	74.58	74.84	74.98	77.35	77.33	76.18	80.38	81.42	83.34	87.14	82.44	149.1						
63	74.37	75.00	77.29	77.00	77.22	77.05	76.24	76.70	78.00	72.44	84.04	84.04	84.04	149.0						
96	74.70	74.84	77.00	77.82	77.44	76.43	78.23	80.33	81.18	80.74	84.04	84.04	84.04	148.1						
129	75.53	75.08	77.00	78.48	78.74	80.12	81.26	82.58	83.11	83.95	87.03	86.54	91.05	148.8						
162	76.77	77.48	77.83	78.24	78.28	82.37	83.84	84.88	85.42	86.37	87.36	88.58	91.22	148.1						
195	76.55	77.93	77.39	78.37	79.14	84.28	84.58	84.77	87.18	87.41	87.29	88.56	89.21	148.3						
228	74.83	75.44	77.48	77.43	78.43	78.88	81.41	81.44	82.88	83.44	84.88	85.44	86.88	148.9						
261	72.08	70.38	69.04	69.38	71.43	71.39	70.19	70.19	72.79	73.03	73.03	74.03	74.03	148.9						
294	73.37	73.38	74.18	74.88	75.44	76.44	76.44	76.44	76.44	76.44	76.44	76.44	76.44	148.9						
327	75.08	77.92	76.66	76.78	77.18	77.78	78.74	77.46	78.32	78.09	79.49	77.38	81.49	148.2						
360	76.82	82.93	82.37	83.31	83.38	82.14	83.22	84.18	81.69	83.48	84.88	81.13	83.24	148.8						
393	82.53	87.17	85.08	86.92	86.05	89.38	89.21	89.74	89.41	89.08	89.43	89.44	89.48	148.7						
426	79.38	81.40	82.53	83.87	84.84	84.84	84.87	87.37	88.48	88.48	88.48	88.48	88.48	148.4						
459	79.29	81.29	83.32	83.87	84.07	88.08	85.92	85.92	85.92	85.92	85.92	85.92	85.92	148.2						
492	81.32	88.18	85.22	88.11	87.15	88.28	88.04	82.82	83.44	83.44	83.44	83.44	83.44	148.3						
525	85.07	89.78	88.84	87.19	86.98	89.79	89.08	84.11	84.38	85.08	85.08	85.08	85.08	148.5						
558	87.24	91.78	88.84	87.19	86.98	89.79	89.08	84.11	84.38	85.08	85.08	85.08	85.08	148.9						
591	77.48	76.70	80.95	80.94	81.72	80.00	80.96	84.41	84.84	84.84	84.84	84.84	84.84	148.7						
624	81.07	83.09	79.39	83.11	83.68	83.92	84.09	83.08	83.11	84.02	85.20	79.22	77.14	145.7						
657	82.88	83.18	85.33	82.82	84.74	88.27	88.11	88.11	88.11	88.11	88.11	88.11	88.11	148.1						
690	82.84	82.84	82.84	82.84	82.84	82.84	82.84	82.84	82.84	82.84	82.84	82.84	82.84	148.2						
723	82.88	82.88	82.88	82.88	82.88	82.88	82.88	82.88	82.88	82.88	82.88	82.88	82.88	148.3						
756	79.30	78.71	77.05	80.52	80.58	82.04	82.04	82.04	82.04	82.04	82.04	82.04	82.04	148.5						
789	83.07	85.88	85.01	87.86	86.75	90.24	90.64	90.64	90.64	90.64	90.64	90.64	90.64	148.4						
822	83.24	82.84	82.84	82.84	82.84	82.84	82.84	82.84	82.84	82.84	82.84	82.84	82.84	148.4						
855	100.0	107.9	107.9	108.7	108.7	111.4	112.0	112.0	112.0	112.0	112.0	112.0	112.0	148.2						

MEASURED CASPL
CALCULATED CASPL

OAPHLI 157.0

AMBIENT TEMP. 35.00
WET-BULB TEMP. 21.40
SAT. PRESSURE 26.74
ABS. HUMIDITY 2.022

FAA FAN/COMPRESSOR - PHASE 28.8.914 T/D 1/28/76 R/D 2/23/76-3

RUN#11 808104 00000000

DATE: 2/25/77

RACIAL DISTANCE 250

PAGE: 2

80 ND PRESSURE LEVELS DIRGCTIVITY INDEX

PRES.	ANGLES FROM INLET									
	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
500	1.44	1.72	2.00	2.28	2.56	2.84	3.12	3.40	3.68	3.96
450	1.81	2.09	2.37	2.65	2.93	3.21	3.49	3.77	4.05	4.33
400	2.18	2.46	2.74	3.02	3.30	3.58	3.86	4.14	4.42	4.70
350	2.55	2.83	3.11	3.39	3.67	3.95	4.23	4.51	4.79	5.07
300	2.92	3.20	3.48	3.76	4.04	4.32	4.60	4.88	5.16	5.44
250	3.29	3.57	3.85	4.13	4.41	4.69	4.97	5.25	5.53	5.81
200	3.66	3.94	4.22	4.50	4.78	5.06	5.34	5.62	5.90	6.18
150	4.03	4.31	4.59	4.87	5.15	5.43	5.71	5.99	6.27	6.55
100	4.40	4.68	4.96	5.24	5.52	5.80	6.08	6.36	6.64	6.92
50	4.77	5.05	5.33	5.61	5.89	6.17	6.45	6.73	7.01	7.29
0	5.14	5.42	5.70	5.98	6.26	6.54	6.82	7.10	7.38	7.66
5000	1.44	1.72	2.00	2.28	2.56	2.84	3.12	3.40	3.68	3.96
4500	1.81	2.09	2.37	2.65	2.93	3.21	3.49	3.77	4.05	4.33
4000	2.18	2.46	2.74	3.02	3.30	3.58	3.86	4.14	4.42	4.70
3500	2.55	2.83	3.11	3.39	3.67	3.95	4.23	4.51	4.79	5.07
3000	2.92	3.20	3.48	3.76	4.04	4.32	4.60	4.88	5.16	5.44
2500	3.29	3.57	3.85	4.13	4.41	4.69	4.97	5.25	5.53	5.81
2000	3.66	3.94	4.22	4.50	4.78	5.06	5.34	5.62	5.90	6.18
1500	4.03	4.31	4.59	4.87	5.15	5.43	5.71	5.99	6.27	6.55
1000	4.40	4.68	4.96	5.24	5.52	5.80	6.08	6.36	6.64	6.92
500	4.77	5.05	5.33	5.61	5.89	6.17	6.45	6.73	7.01	7.29
0	5.14	5.42	5.70	5.98	6.26	6.54	6.82	7.10	7.38	7.66

AMBIENT TEMP. 31.88
 MB7-BUILD TEMP. 27.49
 BAR. PRESSURE 20.36
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 98 - SC T/D 1/30/78 R/D 2/3/78-3

RUN#1 4500104 SPEND0000

DATE: 2/23/72

RADIAL DISTANCE 251

SCH. PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	71.0	10.0	22.0	35.0	47.0	59.0	71.0	82.0	92.0	107.0	117.0	127.0	137.0	142.0	152.0	160.0	172.0	(PUL)
50	73.34	73.55	72.57	72.44	73.62	73.32	72.22	73.99	75.26	75.99	76.55	79.33	84.80	133.7				
51	72.31	71.85	74.72	72.38	73.38	73.27	74.88	74.68	75.44	74.47	77.62	78.98	84.74	134.2				
52	49.35	71.81	71.59	71.69	72.99	73.34	73.72	74.17	75.84	77.17	76.32	82.54	83.46	135.0				
53	72.54	72.72	71.97	73.48	74.21	74.58	75.18	74.28	78.23	78.58	78.71	81.58	83.89	135.8				
100	75.11	72.79	74.49	77.82	76.51	79.72	77.61	77.78	77.84	79.73	92.27	91.25	84.04	136.5				
125	68.49	72.38	69.44	70.73	71.52	73.44	74.53	74.91	74.45	77.25	78.27	79.85	81.11	137.3				
150	68.22	67.65	67.09	68.77	69.93	71.73	73.09	73.78	74.94	75.72	76.88	79.61	77.49	137.9				
200	68.37	65.74	64.82	66.75	67.12	72.87	71.27	72.28	72.13	73.84	77.24	78.23	75.71	138.2				
250	68.37	65.74	64.82	66.75	67.12	72.87	71.27	72.28	72.13	73.84	77.24	78.23	75.71	138.2				
315	68.93	72.13	69.92	66.37	67.28	68.18	68.23	68.81	72.90	69.46	71.91	76.82	72.29	138.4				
400	71.23	71.86	73.74	71.31	72.24	72.52	74.29	69.74	71.57	71.34	73.41	72.89	73.23	138.4				
500	75.24	75.24	75.49	74.99	75.54	76.72	75.16	74.97	75.22	76.62	77.93	74.85	72.49	139.1				
600	74.45	77.74	74.08	70.28	70.12	72.88	81.41	78.34	78.21	75.18	81.49	78.34	78.13	139.8				
800	74.29	76.42	75.44	74.94	74.99	76.67	78.13	80.46	82.16	82.94	76.88	77.54	77.54	139.8				
1000	78.37	78.11	77.92	74.33	74.12	74.44	74.28	75.17	77.23	78.14	78.89	77.33	75.37	139.9				
1250	78.19	82.66	80.35	85.42	79.67	88.44	79.72	78.32	79.51	82.33	79.78	76.58	75.46	140.3				
1500	78.25	88.82	79.74	78.72	78.11	81.52	74.35	78.88	81.27	82.07	81.38	74.82	74.81	140.3				
2000	77.84	85.77	82.75	76.98	75.87	88.92	77.39	77.85	77.93	80.76	82.07	74.54	74.41	141.1				
2500	78.48	77.75	78.13	77.13	77.13	77.40	82.93	82.29	82.22	78.14	77.84	74.54	74.41	142.2				
3150	81.23	79.29	77.26	83.76	83.63	79.42	83.61	84.74	85.92	81.32	83.85	78.23	72.67	142.2				
4000	82.99	84.22	84.43	87.14	85.44	88.78	88.81	88.84	87.72	87.38	85.94	80.38	80.42	142.2				
5000	84.31	89.22	86.64	92.80	88.99	92.29	88.99	98.28	99.85	89.85	88.22	81.45	83.18	143.4				
6000	78.82	82.44	82.53	82.58	81.38	88.44	83.78	88.44	84.11	82.28	78.48	78.48	78.23	144.4				
8000	79.35	83.95	78.93	78.76	79.74	81.75	82.33	83.98	84.54	84.97	83.56	76.87	76.54	145.6				
10000	78.95	81.55	82.87	81.98	82.39	82.57	83.23	84.22	85.18	85.22	84.32	78.99	77.39	148.2				

MEASURED CASPL
CALCULATE CASPL

AMBIENT TEMP 33.82
MET-BUILD TEMP 27.49
BAR. PRESSURE 29.06
ABS. HUMIDITY 2.472

FAA FA"/COMPRESSOR - PHASE 50 + 50 T/D 1/50/72 R/E 2/3/72-3

RUN011 W030175 S0800718

DATE: 2/15/72

RADIAL DISTANCE 250

PAGE: 2

SQUID PRESSURE LEVELS DIRECTIVITY INDEX

1.2 18.2 20.4 22.4 24.4 26.4 28.4 30.4 32.4 34.4 36.4 38.4 40.4 42.4 44.4 46.4 48.4 50.4 52.4 54.4 56.4 58.4 60.4 62.4 64.4 66.4 68.4 70.4 72.4 74.4 76.4 78.4 80.4 82.4 84.4 86.4 88.4 90.4 92.4 94.4 96.4 98.4 100.4

FREQ:

52	-2.43	-2.43	-3.45	-3.54	-2.45	-2.67	-3.56	-1.98	-7.15	-1123	-5028	1.384	5.928
63	-4.23	-2.81	-1.85	-4.25	-2.98	-3.52	-1.47	-1.60	-0.88	3.85	1.263	3.621	8.421
88	-8.18	-5.38	-4.28	-5.16	-2.88	-2.22	-2.14	-1.88	-2.18	1.312	2.485	4.376	7.584
108	-8.45	-5.27	-3.82	-3.59	-2.74	-2.89	-1.81	-0.28	-0.29	1.591	2.721	4.589	6.925
122	-5.59	-3.82	-3.37	-3.43	-1.311	-0.788	-0.28	-0.28	-0.28	1.336	1.874	2.539	6.284
148	-5.85	-5.95	-4.73	-3.51	-1.79	-1.33	-0.23	1.219	1.612	3.632	4.417	5.676	
208	-8.23	-8.24	-6.35	-5.18	-4.22	-2.22	-0.87	-1.73	-0.87	1.754	4.138	5.682	3.348
238	-6.87	-6.71	-7.83	-7.69	-4.82	-3.79	-1.48	-1.51	-2.88	1.413	4.811	5.811	3.259
312	-1.57	-1.88	-2.88	-2.71	-1.81	-0.897	-0.883	-2.25	-0.897	3.688	2.611	1.714	3.583
382	-0.87	-1.69	-2.61	-2.52	-3.04	-1.48	-2.87	-2.74	-2.25	1.553	2.712	-0.897	-2.75
432	-4.16	-5.84	-1.83	-4.78	-3.73	-1.851	-2.59	-1.78	-0.89	0.837	2.888	-0.465	-3.68
488	-4.52	-1.28	-2.28	-2.78	-2.72	-0.888	-0.883	-1.78	-2.72	2.439	3.288	1.888	-1.88
538	-1.28	1.461	1.248	-3.22	-0.929	-1.94	-3.04	-1.28	-0.929	1.684	2.243	1.289	-1.28
598	-7.68	3.239	-6.85	-0.830	-2.487	1.818	-3.813	-1.18	-0.838	-0.12	-3.583	-2.82	-3.96
688	-2.38	1.211	1.539	-0.84	-1.58	-2.38	-0.26	-0.28	-0.28	3.812	1.772	-2.78	-2.79
788	-1.23	2.882	2.853	-1.31	-2.52	2.825	-1.28	-4.38	-3.27	2.488	1.773	-2.75	-1.81
888	-2.18	-1.11	-2.74	-1.73	-0.99	-1.17	2.871	3.431	3.158	-0.783	-1.98	-4.32	-4.82
988	-3.23	-2.31	-1.34	-2.41	-2.26	-2.19	2.197	3.137	4.321	-2.88	-0.783	-3.37	-8.78
1088	-2.09	-2.41	-1.37	1.77	-3.31	2.788	-0.29	0.31	1.711	1.383	-0.16	-8.79	-6.57
1188	-1.28	-3.88	-3.2	2.81	-1.273	3.428	-1.87	1.424	1.187	-0.32	-0.12	-4.2	-5.8
1288	-2.32	-1.51	-0.859	-1.38	-0.549	-1.49	1.838	2.537	4.131	3.173	-2.87	-3.51	-4.55
1388	-2.24	-1.88	-2.48	-2.82	-1.84	-1.689	-0.897	2.395	2.813	3.389	1.874	-4.91	-7.42
1488	-2.59	-0.993	-2.47	-1.47	-1.46	-0.869	-0.836	1.457	2.636	3.171	1.773	-3.55	-8.15

551

AMBIENT TEMP. 33.22
 MET-BULB TEMP. 27.49
 BAR. PRESSURE 28.84
 ABS. HUMIDITY 2.472

FAA PAY/COMPRESSOR - PHASE 5P - 5C 7/D 1/38/72 R/D 2/3/72-3

RUN#11 R080165 SPEED#7102

RADIAL DISTANCE 250

DATE: 2/26/70

SOUND PRESSURE LEVELS REDUCED TO STANDARD DAY

FREQ.	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2
28	73.32	72.84	73.46	74.49	74.46	73.66	73.51	74.13	73.36	73.69	77.84	82.22	84.93	134.1		
63	72.71	72.99	75.97	74.27	74.26	75.28	75.54	75.04	76.93	76.54	81.35	85.12	134.9			
80	78.21	71.62	72.30	73.48	73.46	74.38	74.59	75.39	74.74	77.54	78.11	81.28	83.65	134.8		
102	71.23	71.82	72.44	73.83	74.72	75.11	75.92	77.13	77.66	79.15	82.42	83.14	85.28	135.8		
125	72.33	72.78	73.85	74.57	74.57	75.58	75.88	76.48	78.48	84.37	84.84	87.19	138.7			
160	71.13	72.78	78.44	78.37	73.88	74.34	74.55	75.71	77.32	78.22	82.29	86.96	83.99	134.6		
200	69.85	68.31	68.23	72.38	72.98	72.78	73.63	74.33	74.48	78.89	82.77	82.24	133.2			
250	65.85	65.52	65.73	65.51	67.58	72.59	71.97	73.36	74.82	74.78	76.99	78.47	78.35	131.4		
315	68.80	69.58	68.83	67.18	67.82	67.38	68.69	68.44	71.48	71.32	74.24	74.23	127.8			
400	72.23	73.89	73.58	78.49	72.91	72.87	72.48	74.45	75.33	73.88	72.97	76.79	131.8			
500	74.38	74.46	75.55	74.15	74.34	74.11	74.26	75.13	78.29	75.85	78.29	75.85	73.68	134.7		
630	75.37	77.79	77.37	77.93	78.53	78.69	79.15	79.15	82.27	81.73	79.29	74.52	137.8			
800	72.20	80.74	77.35	77.48	80.89	81.35	82.83	84.33	87.84	84.84	85.27	82.37	82.8	132.8		
1000	74.77	76.64	76.81	77.59	76.82	77.77	76.88	76.59	77.52	80.27	79.89	77.98	76.92	136.4		
1250	78.24	81.58	80.88	81.48	82.11	81.82	82.22	82.89	83.11	85.23	84.32	84.22	84.02	140.4		
1600	78.99	80.58	82.82	82.45	79.88	82.27	79.37	79.37	79.34	82.92	82.49	79.04	78.94	139.4		
2000	75.74	74.45	78.58	77.18	74.83	81.14	77.29	78.54	77.52	85.54	84.23	83.8	82.82	137.8		
2500	74.85	76.14	78.51	77.59	79.98	77.75	80.74	80.99	77.88	78.29	73.83	73.73	138.8			
3150	81.13	78.17	78.87	81.52	81.33	82.96	84.31	84.11	81.88	78.21	74.93	74.96	142.1			
4000	82.75	84.25	82.46	84.84	83.77	87.88	88.37	85.57	86.79	83.64	78.41	77.21	145.0			
5000	82.82	81.54	82.54	82.21	80.33	85.63	88.11	85.31	81.35	85.35	82.14	83.81	141.7			
6300	81.57	81.16	83.96	81.74	82.30	81.55	84.38	84.66	82.74	78.76	77.72	77.34	144.6			
8000	82.81	82.37	78.23	78.82	78.32	82.23	81.49	82.68	84.23	80.94	75.32	77.45	148.8			
10000	81.34	81.66	81.14	82.47	83.33	84.26	83.53	84.27	83.66	89.59	81.96	78.31	77.45	146.8		

MEASURED OASPL
CALCULATED OASPL
PADB

AMBIENT TEMP: 33.87
WETBULB TEMP: 27.42
BAR. PRESSURE 26.96
ABS. HUMIDITY 2.472

FAA FAN COMPRESSOR - PHASE 5B - 5C T/D. 1/30/72 R/C 2/3/70-3

RUNW. 1000120
SPEEDS 7100

ROUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	7.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	120.0	140.0	160.0	180.0	200.0
52	-2.99	-3.30	-2.88	-1.02	-1.84	-2.63	-2.81	-2.18	-0.74	-0.54	-0.74	-0.54	-0.74	-0.54	-0.74	-0.54
63	-4.30	-4.28	-1.13	-1.33	-2.44	-2.82	-3.12	-3.22	-3.12	-3.22	-3.12	-3.22	-3.12	-3.22	-3.12	-3.22
82	-1.30	-4.98	-4.17	-3.87	-2.89	-2.19	-1.98	-1.10	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
122	-8.22	-8.72	-5.34	-2.84	-2.25	-2.67	-1.85	-0.41	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12
123	-7.94	-7.34	-6.73	-4.81	-3.33	-3.96	-3.83	-3.38	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87
182	-8.24	-8.48	-8.08	-6.82	-5.28	-4.83	-4.82	-3.88	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87
282	-8.84	-9.39	-8.16	-6.91	-5.89	-5.11	-4.22	-2.89	-1.435	-1.435	-1.435	-1.435	-1.435	-1.435	-1.435	-1.435
322	-7.87	-7.82	-7.19	-5.41	-4.38	-3.33	-2.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82
313	-3.93	-3.63	-3.948	-2.89	-1.42	-1.85	-1.545	-2.49	-1.996	-1.996	-1.996	-1.996	-1.996	-1.996	-1.996	-1.996
422	-3.88	-4.84	-8.225	-1.64	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
503	-1.81	-1.42	-1.33	-2.67	-4.778	-2.88	-1.88	-1.33	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72
632	-3.48	-3.82	-1.47	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12	-3.12
822	-4.33	-4.99	-4.38	-4.16	-3.98	-1.38	-1.278	-2.41	-1.292	-1.292	-1.292	-1.292	-1.292	-1.292	-1.292	-1.292
1222	-2.33	-4.77	-3.15	-4.14	-3.83	-1.74	-1.87	-2.33	-3.02	-3.02	-3.02	-3.02	-3.02	-3.02	-3.02	-3.02
1252	-1.37	-9.08	-6.87	-1.83	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88
1822	-8.17	-8.14	-7.88	-1.82	-2.88	-2.18	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88
2022	-8.18	-9.72	-1.667	-0.81	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85	-1.85
2182	-8.72	-8.82	-8.72	-3.82	-1.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88
3158	-3.82	-3.33	-3.82	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84
4094	-1.71	-2.13	-2.88	-8.82	-8.82	-8.82	-8.82	-8.82	-8.82	-8.82	-8.82	-8.82	-8.82	-8.82	-8.82	-8.82
5088	-3.27	-1.48	-2.88	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84	-8.84
6382	-8.22	-8.91	-1.515	-1.84	-2.114	-2.88	-2.114	-2.88	-2.114	-2.88	-2.114	-2.88	-2.114	-2.88	-2.114	-2.88
8088	-7.82	-1.42	-2.88	-1.97	-1.27	-1.585	-1.585	-1.585	-1.585	-1.585	-1.585	-1.585	-1.585	-1.585	-1.585	-1.585
10888	-1.33	-3.996	-1.51	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82

AMBIENT TEMP: 33.80
 MET-BUILD J: 27.48
 BAR. PRESSURE: 28.96
 ABS. HUMIDITY: 2.672

FAA FAN COMPRESSOR - PHASE 3B & 5C Y/D 1/38/78 R/D 2/1/78-3

RUN#11 REQP:2A 99EED07382

DATE: 2/26/72

RADIAL DISTANCE 288

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SOUND SPEED LEVELS REDUCED AT STANDARD DAY

ANGLE FROM INLET

DEPT	1.2	18.2	27.8	38.2	48.2	52.2	67.7	73.2	88.8	97.7	127.7	137.7	147.7	157.7	167.7	177.7	(PdB)
52																	135.7
53																	137.4
54																	136.8
1M2																	138.2
1M3																	139.8
1M4																	138.8
2M1																	134.3
2M2																	132.4
3M1																	129.1
3M2																	132.3
4M1																	135.1
4M2																	138.7
5M1																	136.3
5M2																	134.8
6M1																	136.5
6M2																	138.9
7M1																	137.5
7M2																	138.4
8M1																	141.2
8M2																	143.7
9M1																	151.3
9M2																	143.9
10M1																	144.1
10M2																	149.4
MEASURED CASPL																	
CALCULATED CASPL																	
PADE																	

PAGE: 1

AMBIENT TEMP. 31.22
WET-BULB TEMP. 27.49
BAR. PRESSURE 24.34
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5A @ 5C T/D 1/32/72 3/C 2/3/72-3

PUN#11 R0801E7 SPEED#7987

PAGE: 1

1581.5

DATE: 2/26/72

SERIAL DISTANCE 258

PAGE: 2

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SC 2285.25 LEVELS DIRECTIVITY LARRY

ANGLE EACH INLET

7.2 12.0 27.0 31.0 41.0 57.0 67.0 74.0 82.0 90.0 102.0 110.0 120.0 137.0 147.0 157.0 (PHL)

52	-1.24	-1.77	-3.45	-3.67	-2.67	-2.35	-3.64	-2.91	-1.46	-0.927	0.577	3.048	5.742
62	-1.95	-2.44	-3.84	-2.72	-3.79	-1.57	-3.81	-1.54	-0.88	-0.481	1.284	3.872	7.823
82	-2.89	-3.63	-3.82	-4.24	-3.16	-1.94	-3.99	-1.24	-0.427	0.594	2.616	4.716	7.196
102	-4.14	-5.27	-5.31	-3.67	-3.52	-2.33	-2.22	-0.93	-0.124	1.423	2.772	5.388	6.484
125	-3.84	-4.79	-5.15	-1.28	-3.77	-3.46	-2.49	-1.798	0.724	3.749	1.283	3.516	5.984
148	-3.72	-4.97	-5.23	-4.27	-3.22	-2.12	-2.82	-2.524	0.838	1.819	3.541	4.633	5.314
202	-3.83	-6.27	-6.55	-4.51	-3.88	-2.91	-3.16	-1.16	1.119	1.691	3.796	5.952	3.129
252	-2.92	-5.43	-6.87	-5.99	-4.96	-2.02	-4.22	-1.889	0.882	1.547	3.859	5.495	2.325
315	3.712	4.743	1.23	-2.76	-2.75	-2.31	-1.43	0.295	1.286	1.2915	1.776	1.897	4.148
402	4.272	-6.25	1.234	-0.92	-4.47	0.481	-0.885	-1.74	-1.87	2.227	1.811	0.884	2.148
502	3.185	-0.15	3.889	-0.284	3.217	4.639	-0.465	-0.149	-0.333	1.689	3.256	-4.06	-2.55
602	-1.21	-1.23	-2.718	-0.811	-2.818	-1.823	-2.82	3.183	1.388	2.211	1.582	5.328	8.172
1002	-2.639	-1.43	-0.612	-3.68	-1.15	-2.734	-1.13	-4.98	1.122	3.451	2.638	1.333	2.123
1202	-2.22	1.826	3.340	2.886	0.177	3.291	1.272	3.548	-1.10	1.165	-0.338	-0.49	-5.11
1402	-1.21	1.329	-0.533	-2.148	-0.132	2.528	-0.292	-2.218	0.228	2.872	1.838	2.52	3.12
2002	-2.21	-0.69	1.467	2.192	-2.89	2.613	-1.35	3.336	0.445	2.244	0.167	-3.36	-1.51
2502	-3.65	-3.27	-3.81	-2.12	-2.84	-2.71	2.849	2.859	1.884	-1.41	3.12	6.98	8.22
3152	-3.97	-3.61	-4.73	1.489	2.666	2.13	1.948	2.414	2.639	-2.37	-3.92	-0.56	
4002	3.738	-2.82	-2.24	2.228	2.322	2.551	1.666	2.844	4.812	2.477	-0.79	-1.1	-0.21
5002	-2.67	3.738	4.964	-1.235	-1.32	4.588	-2.95	1.233	-3.16	2.397	0.214	-0.99	-4.55
6002	0.515	-1.62	1.585	-2.28	3.322	-1.723	3.883	2.238	4.238	-2.33	3.23	-3.84	
0002	0.149	-1.76	-1.88	-1.12	-2.26	0.846	1.787	2.395	1.732	3.117	4.737	-9.39	-0.10
10000	1.188	-2.13	-2.13	-1.875	-4.892	0.877	1.866	1.671	1.274	3.459	6.114	6.29	-4.04

655

AMBIENT TEMP 33.22
WETBULB TEMP 27.49
BAR. PRESSURE 29.96
ABS. HUMIDITY 2.472

FAA FAN COMPRESSOR - PHASE 23 - 70. 1/C 1/3827 R/C 2/3/72-3

RUN#11 RD#1187 SE#E-2752

SONAR PRESSURE LEVELS CORRECTED INDEX

7 10 10 10 4 5 67.2 70.7 87.2 120.7 117.7 127.0 137.7 140.2 157.7 177.7 (M/L)

FREQ.	7	10	10	10	4	5	67.2	70.7	87.2	120.7	117.7	127.0	137.7	140.2	157.7	177.7
9	-2.73	-4.16	-4.41	-5.11	-3.04	-2.97	-3.12	-1.63	-1.54	-1.39	-1.259	4.355	4.355	4.355	4.355	4.355
17	-4.12	-3.84	-4.21	-3.23	-3.41	-3.47	-3.42	-1.42	-1.32	-1.28	-1.276	3.923	3.923	3.923	3.923	3.923
8	-6.57	-4.69	-4.55	-6.95	-3.23	-3.67	-3.67	-1.67	-1.57	-1.50	-1.504	3.280	3.280	3.280	3.280	3.280
14	-2.24	-4.89	-4.24	-4.94	-4.45	-4.39	-2.32	-2.14	-2.14	-1.36	-1.288	3.192	3.192	3.192	3.192	3.192
13	-4.61	-2.26	-2.27	-4.36	-3.65	-2.37	-2.64	-2.15	-2.09	-1.75	-1.75	2.236	2.236	2.236	2.236	2.236
16	-5.87	-4.39	-4.37	-4.92	-4.24	-2.48	-2.43	-1.59	-1.57	-1.45	-1.45	4.138	4.138	4.138	4.138	4.138
22	-5.09	-7.27	-6.96	-5.17	-4.47	-2.66	-2.66	-1.45	-1.45	-1.28	-1.28	4.327	4.327	4.327	4.327	4.327
25	-5.99	-7.51	-7.87	-6.72	-5.35	-2.71	-1.71	-1.71	-1.71	-1.71	-1.71	4.822	4.822	4.822	4.822	4.822
33	-1.93	-1.69	-1.75	-4.23	-3.39	-2.39	-1.33	-1.68	-1.37	-1.27	-1.27	2.718	2.718	2.718	2.718	2.718
44	-2.38	-1.52	-1.73	-1.93	-3.02	-1.77	-1.73	-2.22	-1.81	-1.74	-1.74	2.814	2.814	2.814	2.814	2.814
52	-2.16	-1.64	-1.72	-1.39	-1.96	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	1.714	1.714	1.714	1.714	1.714
63	-4.31	-1.38	-1.29	-1.71	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	2.255	2.255	2.255	2.255	2.255
82	-7.12	-5.56	-2.37	-4.69	-4.64	-2.28	-2.28	-1.53	-1.53	-1.53	-1.53	1.720	1.720	1.720	1.720	1.720
122	-4.84	-2.72	-2.33	-1.22	-1.16	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	1.527	1.527	1.527	1.527	1.527
129	-6.75	-1.66	-1.69	-2.79	-2.74	-1.74	-1.74	-1.74	-1.74	-1.74	-1.74	1.416	1.416	1.416	1.416	1.416
182	-6.81	-6.26	-5.81	-1.23	-2.22	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	1.21	1.21	1.21	1.21	1.21
200	-6.83	-3.52	-1.28	-2.25	-1.94	-1.59	-1.59	-1.59	-1.59	-1.59	-1.59	1.36	1.36	1.36	1.36	1.36
282	-2.35	-3.49	-1.63	-1.44	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54	2.44	2.44	2.44	2.44	2.44
312	-3.76	-4.37	-4.96	-1.04	-1.99	-2.79	-2.13	-2.48	-1.83	-2.63	-2.63	3.29	3.29	3.29	3.29	3.29
422	-2.24	-3.89	-2.74	-1.75	-2.01	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42	1.824	1.824	1.824	1.824	1.824
582	-4.91	-1.99	-1.77	-2.86	-2.33	-1.39	-1.39	-1.39	-1.39	-1.39	-1.39	1.894	1.894	1.894	1.894	1.894
632	-2.43	-1.54	-1.23	-1.59	-1.42	-1.75	-1.75	-1.75	-1.75	-1.75	-1.75	2.14	2.14	2.14	2.14	2.14
822	-1.28	-1.29	-2.89	-1.89	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	2.136	2.136	2.136	2.136	2.136
1202	-3.69	-2.27	-3.87	-1.87	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	2.277	2.277	2.277	2.277	2.277

AMBIENT TEMP: 33.37
 SURFACE TEMP: 27.49
 BAR. PRESSURE 28.96
 ABS. HUMIDITY 2.672

FAA FAX/COMPRESSION = PHASE 20 @ 20 I/D 1/38/77 R/D 2/3/78-3

SUNSLI RANGE: SPEED 2727

DATE: 2/22/72

RACIAL DISTANCE 278

PAGE: 1

SONIC PRESSURE LEVELS REDUCED I STANDARD DAY

ANGLES FROM INLET

ANGLE	2.3	10.0	22.2	32.0	47.2	58.0	69.0	77.0	85.0	92.2	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
50	75.05	75.69	75.17	74.84	75.19	75.99	75.33	77.03	76.83	79.09	80.59	84.27	89.23	137.4					
60	72.86	75.17	74.23	75.74	75.82	74.45	77.49	78.23	78.43	80.47	82.47	85.32	89.12	138.0					
70	72.90	74.59	75.00	75.78	76.21	77.31	77.73	78.74	80.52	81.05	83.06	85.99	88.38	138.6					
80	73.91	74.93	75.33	76.57	77.32	78.44	79.49	80.80	81.27	83.17	85.83	87.97	89.74	139.5					
90	83.02	89.07	86.07	84.91	88.03	86.27	85.41	85.63	89.22	84.94	87.39	87.24	89.12	140.5					
100	78.42	78.44	78.27	78.43	79.00	78.75	79.08	79.08	81.30	80.20	81.72	82.51	82.82	140.4					
110	72.81	72.16	78.03	72.79	73.07	75.93	77.53	78.38	79.65	80.77	82.98	85.35	85.19	137.3					
120	78.24	82.83	83.48	83.68	82.12	78.54	78.21	75.38	77.25	77.28	77.45	80.74	82.74	138.77					
130	74.34	74.85	75.62	74.11	73.82	73.82	71.74	72.27	74.88	74.68	73.80	74.81	76.64	138.2					
140	76.74	78.35	78.28	78.96	77.99	78.15	78.49	79.91	78.89	80.76	83.49	79.16	77.92	137.4					
150	72.82	72.81	72.83	72.81	73.83	82.82	82.59	82.71	82.84	82.16	84.94	82.51	77.44	138.0					
160	77.03	79.22	78.93	77.54	81.07	84.16	87.15	86.62	87.23	85.49	84.75	82.94	80.73	139.4					
170	74.51	77.21	81.22	81.59	82.04	81.69	83.18	83.49	82.24	78.16	77.33	74.90	75.03	138.4					
180	80.80	83.24	80.53	80.59	81.58	83.13	82.91	83.99	83.74	83.99	85.15	78.73	72.02	138.3					
CS	84.46	89.12	90.19	89.51	83.59	91.74	86.99	91.54	91.44	91.73	88.19	81.3	84.78	138.4					
6322	88.71	82.88	83.33	84.81	88.71	88.54	82.39	83.73	85.08	82.72	78.72	74.48	72.09	144.8					
8000	88.57	88.38	79.02	79.84	78.32	81.07	81.08	83.97	82.04	81.21	81.74	79.15	74.02	144.5					
10000	79.74	81.85	81.22	81.33	80.86	82.44	84.74	84.92	82.53	82.88	83.81	77.84	78.84	148.2					

MEASURED GASPL 92.63 94.82 94.18 95.99 94.85 94.18 94.75 94.74 97.77 94.37 98.15 98.35 98.00
 CALCULATED GASPL 92.11 95.45 95.73 95.38 96.08 97.72 96.12 96.38 97.32 95.08 96.04 96.64 97.06
 ENDB 100.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0

AMBIENT TEMP 31.00
 WET-BULB TEMP 27.40
 BAR. PRESSURE 28.94
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 9F @ 9C 7/D 1/38/77 R/D 2/3/78-3

RUN#11 RD6019 501ED0908

CAPPL1 1516.9

DATE: 2/26/72

RADIAL DISTANCE: 250

PAGE: 3

SOUND PRESSURE LEVELS, DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET													
	7.0	12.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	120.0	150.0	180.0 (PWL)
50	-3.90	-3.93	-4.45	-4.78	-4.42	-3.62	-4.09	-2.56	-1.763	-1.531	0.025	4.454	9.412	
63	-2.09	-2.58	-4.92	-5.81	-4.93	-4.89	-3.25	-2.52	-1.33	-0.82	1.928	4.569	9.354	
80	-7.72	-6.89	-4.99	-4.98	-4.47	-3.38	-2.95	-1.94	-1.15	-0.619	3.179	5.389	7.781	
100	-2.77	-2.677	-4.772	-5.48	-4.32	-3.125	-2.81	-1.72	-0.931	-0.533	3.253	6.125	6.933	
125	-4.16	-2.67	-4.15	-4.52	-2.63	-2.37	-2.45	-1.13	-0.888	-0.553	3.590	4.581	5.924	
160	-6.09	-7.75	-8.27	-6.14	-4.74	-2.97	-1.77	-1.24	-0.91	-0.539	4.878	4.481	4.289	
200	-8.82	-7.62	-7.12	-5.33	-2.34	-1.25	-0.884	-0.553	-0.288	4.284	4.158	4.227		
250	-1.06	-1.627	-1.666	-0.64	-4.58	-3.63	-0.60	-1.868	1.837	-1.250	2.319	2.989	5.484	
315	-1.67	-2.475	-1.341	-4.14	-4.768	-2.19	-2.29	-2.25	-0.475	2.878	2.349	2.288	4.119	
400	-1.08	-2.89	-1.318	-3.951	-1.509	-1.11	-2.06	-1.45	-1.03	2.204	4.028	1.600	-1.74	
500	-2.38	-2.81	-1.83	-3.85	-2.88	-2.63	-2.73	-0.438	2.172	1.481	1.21	1.848	-2.82	
630	-6.65	-4.46	-4.75	-6.14	-2.81	-1.844	3.489	2.945	3.569	-1.88	1.873	-1.744	-2.95	
800	-8.38	-5.88	-1.34	-2.89	-2.27	-1.57	-1.564	-1.751	1.217	2.699	2.581	2.549	-1.855	
1000	-6.54	-6.68	-2.838	-1.472	-2.58	-1.888	1.838	1.8	-1.88	1.148	-1.87	-2.17	-4.08	
1250	-6.66	-6.88	2.139	2.888	3.847	-1.01	-1.88	-2.17	-1.359	-1.36	-3.1	-3.81		
1600	-8.18	-3.43	-1.874	-3.881	2.332	-2.873	2.528	2.858	1.592	-2.49	-2.32	-2.85	-2.72	
2000	-2.46	-2.68	-2.66	2.643	2.829	-0.85	1.987	2.121	-1.85	-2.84	-2.84	-2.84	-2.84	
2500	-1.11	-1.281	-1.44	-1.867	-1.384	-1.34	-1.823	-0.884	-0.837	2.713	0.814	-2.37	-8.05	
3150	-4.49	-1.698	1.943	-2.44	-5.39	2.793	-1.03	-0.998	2.495	4.732	-1.783	-2.48	-4.25	
4000	-8.84	-7.12	-1.233	-2.782	-2.814	-1.23	-2.252	2.482	3.282	1.132	1.88	-2.1	-2.71	
5000	-1.356	-1.619	-1.38	-1.88	-2.08	-1.473	-0.993	3.847	1.936	3.298	0.192	-0.77	-6.08	
6300	-3.26	-1.84	-1.79	-1.67	-2.94	-2.545	-1.259	-1.919	2.926	3.999	0.868	-2.35	-4.17	

AMBIENT TEMP: 33.08
 WET-BULB TEMP: 27.48
 BAR. PRESSURE: 28.96
 ABS. HUMIDITY: 2.472

FAA FAN COMPRESSOR - PHASE 5B - 2C T/D 1/38/78 R/D 2/23/78-S

RUN#11 RDR#169 SPEED#7988

C
8

DATE: 2/26/77

RACIAL DISTANCE 250

PAGE: 1

SOUND PRESSURE LEVELS - REDUCED AT STANDARD DAY

ANGLE FROM INLET 52.0 6.0 77.0 80.0 90.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 (PHL)

FREQ.	52	60	77	80	90	100	110	120	130	140	150	160	170
52	78.61	77.39	78.27	79.23	79.36	79.03	79.17	80.67	82.45	82.39	83.66	87.27	91.94
60	78.85	78.83	78.71	78.68	79.14	79.42	80.20	82.81	82.21	83.39	85.14	88.13	92.64
77	79.91	77.82	77.73	78.86	79.92	79.79	80.36	82.91	82.73	83.77	86.12	88.35	91.52
80	78.64	78.82	77.78	78.77	81.41	82.79	81.83	82.46	83.83	85.53	87.63	90.33	93.22
90	89.19	89.08	88.92	89.07	89.32	89.16	89.61	89.73	89.38	89.19	87.72	88.72	91.47
100	78.48	82.52	78.19	83.59	82.34	83.45	83.18	82.12	83.53	84.59	82.85	88.55	89.68
110	78.58	73.22	73.17	75.29	75.92	77.76	79.65	79.87	81.55	82.41	85.62	88.27	86.55
120	71.89	78.32	78.65	7.0	72.61	75.12	78.14	78.23	82.38	78.88	84.88	87.88	85.37
130	73.23	72.04	74.59	73.25	72.89	72.23	73.65	74.72	77.25	79.37	78.63	82.73	82.15
140	74.84	76.87	78.40	74.24	72.89	72.63	72.35	74.05	78.39	78.82	88.54	78.34	81.32
150	78.16	78.79	78.31	82.91	80.58	81.89	81.69	81.48	81.82	82.54	85.61	79.69	78.92
160	78.21	88.37	88.37	83.28	82.72	83.72	88.95	84.25	84.87	84.32	84.48	81.45	78.72
170	79.43	78.98	81.23	83.26	82.46	82.51	84.54	83.82	85.53	84.53	84.81	83.88	88.83
180	76.93	79.07	81.44	82.88	82.42	81.55	81.19	82.54	82.18	82.24	82.84	82.32	81.17
190	81.59	86.79	80.18	9.95	92.96	92.25	91.83	85.07	85.17	85.33	85.94	83.28	81.97
200	72.28	81.88	82.66	82.38	83.44	84.48	84.88	81.78	81.42	81.25	82.03	78.72	78.85
210	78.87	81.47	80.13	82.95	82.19	85.56	81.99	81.18	88.36	81.78	81.82	77.76	79.77
220	74.74	77.84	82.15	82.48	81.38	78.82	82.19	82.91	81.59	77.94	78.85	75.85	78.68
230	88.59	79.11	78.97	85.25	84.36	80.95	84.83	83.63	83.91	79.92	78.99	78.98	74.55
240	84.42	82.88	78.84	83.38	81.41	83.38	84.13	81.46	82.25	84.24	81.43	78.27	78.74
250	83.84	87.49	88.21	84.29	83.71	88.37	89.49	88.83	90.89	81.38	87.52	78.61	83.82
260	88.81	74.78	82.34	81.18	81.84	88.83	83.12	82.89	83.58	82.48	73.28	77.75	78.42
270	88.11	79.61	70.91	79.59	78.89	82.82	82.22	84.24	83.56	83.19	81.37	79.48	74.56
280	79.52	86.18	79.82	80.85	82.58	81.94	84.28	85.29	84.93	83.22	82.83	78.18	78.21
290	94.49	94.37	94.52	98.36	97.83	99.26	99.87	97.89	98.72	99.22	99.89	108.9	142.8
300	93.14	95.49	95.59	97.28	96.76	98.38	98.13	97.88	97.71	97.93	98.84	98.88	147.4
310	128.3	168.6	188.3	1.9	2	148.7	111.4	111.3	111.1	111.8	111.9	112.2	188.8

MEASURED CASPL
CALCULATED CASPL

AMBIENT TEMP: 34.28
WET-BULB TEMP: 29.08
BAR. PRESSURE: 24.88
ABS. HUMIDITY: 2.803

FAA FA/COMPRESSOR - PHASE 5B - 5C T/D 1/32/77 R/D 2/3/78-3

MUSE11 H0J0110 SPEEC08587

000011 187.4

DATE: 2/26/72

RADIAL DISTANCE 252

PAGE: 2

SCALE PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	27.8	37.7	47.6	59.0	67.2	77.7	87.9	120.0	127.0	139.7	147.2	157.7	(PHL)
52	-4.79	-5.61	-4.54	-3.57	-3.45	-3.17	-3.64	-2.13	-3.52	-2.34	-0.794	4.467	9.133
61	-2.87	-4.38	-4.81	-4.44	-4.36	-4.18	-4.23	-2.82	-2.31	-2.328	1.837	4.818	9.344
67	-7.34	-6.23	-5.51	-4.59	-3.35	-3.95	-2.89	-2.34	-2.14	-2.233	2.867	5.128	8.267
102	-2.88	-2.51	-4.52	-4.55	-3.51	-3.53	-2.48	-1.88	-1.49	-1.10	3.379	4.279	6.884
123	-2.62	1.271	-3.69	1.93	-3.97	1.38	0.975	-2.18	-2.43	-1.03	-1.795	2.926	3.662
144	-3.44	-1.48	-2.21	-3.31	-3.72	-3.88	-2.74	-2.31	-2.389	-2.731	2.323	4.423	5.358
202	-6.81	-8.16	-6.22	-6.59	-5.47	-3.63	-3.33	-1.51	-1.561	1.222	4.231	6.887	5.166
232	-2.87	-8.44	-7.12	-8.44	-6.95	-4.43	-3.22	-1.72	-2.225	-2.321	4.321	7.323	5.611
315	-2.69	-3.88	-1.33	-2.67	-3.84	-3.49	-2.47	-1.23	-1.159	-1.591	2.897	4.804	4.222
404	-1.12	-1.12	2.13	-2.52	-0.97	-0.57	-0.42	-1.88	-2.27	-2.272	2.272	3.272	3.323
502	-2.97	-2.39	-1.83	-2.27	-1.55	-1.78	-1.74	-2.81	-2.81	-2.81	2.81	3.81	3.323
602	-3.32	-1.88	-2.48	-3.38	-2.58	-3.49	-2.572	-2.725	-1.497	-1.452	2.231	3.319	4.67
802	-3.55	-4.11	-2.75	-2.761	-2.28	-2.72	-1.556	-0.488	2.546	1.592	1.822	0.603	-2.15
1002	-4.32	-2.14	-2.12	-1.42	-1.84	-3.21	-2.42	-4.08	-4.08	-4.08	1.528	1.424	1.217
1202	-6.42	-1.42	-1.28	-2.78	-2.751	-4.51	-2.826	-2.33	-3.84	-3.84	3.84	-2.28	-4.73
1402	-5.82	-1.88	-1.831	-1.318	-1.838	-3.284	-1.31	-2.52	-2.27	-2.27	3.27	3.27	3.89
2002	-4.86	-2.88	-2.88	-1.288	-1.288	-0.996	-0.996	-2.995	-2.995	-2.995	2.995	2.995	3.99
2502	-8.12	-2.88	-3.88	-3.88	-3.88	-3.88	-3.88	-3.88	-3.88	-3.88	3.88	3.88	3.88
3198	-1.27	-2.75	-2.69	-3.89	-2.499	-0.98	-2.171	-1.704	-2.243	-1.98	-2.87	-2.87	-2.31
4042	-4.25	-3.14	-1.81	-1.81	-1.81	-1.81	-1.81	-1.81	-1.81	-1.81	1.81	1.81	1.81
5008	-6.29	-6.46	-6.33	-4.65	-4.43	-2.88	-1.397	-1.887	-2.795	-3.543	-1.623	-0.53	-0.31
6102	-1.38	-1.41	-1.738	-2.24	-2.343	-2.414	-1.718	-1.524	-1.272	-1.41	-1.41	-1.41	-2.84
8008	-1.21	-1.41	-2.12	-1.43	-2.13	-0.939	-1.191	-3.289	-2.534	-2.166	-3.493	-8.55	-6.47
10002	-2.77	-2.12	-2.17	-1.35	-1.78	-2.324	-1.882	-2.932	-2.932	-2.932	2.932	2.932	3.23

AMBIENT TEMP: 34.48
 METABOLIC TEMP: 28.23
 OAP, PRESSURE 28.96
 ABS. HUMIDITY 2.843

FAA FA1/COMPRESSOR - PHASE 2R - 2C 1/0.1/38/78 R/D 2/3/72-3

RUN:11 REG:112 SPEED:812"

661

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	3.2	4.0	5.2	6.4	8.0	10.0	12.5	16.0	20.0	25.0	31.5	40.0	50.0	63.0	80.0	100.0	125.0	160.0	200.0	250.0	315.0	400.0	500.0	630.0	800.0	1000.0
32	-3.58	-4.14	-4.15	-4.16	-3.88	-3.11	-2.85	-2.38	-1.28	1.38	4.22	4.32	9.54	7.27	5.82	4.78	5.14	5.38	4.16	-3.48	-2.88	-2.12	-1.78	1.78	4.98	9.58
63	-7.22	-5.82	-4.78	-5.14	-5.38	-4.16	-3.48	-2.88	-2.12	-1.78	1.78	4.98	9.58	7.27	5.82	4.78	5.14	5.38	4.16	-3.48	-2.88	-2.12	-1.78	1.78	4.98	9.58
125	-7.84	-5.32	-4.28	-4.68	-4.88	-3.38	-2.87	-2.58	-1.82	-1.42	1.28	4.22	9.54	7.27	5.82	4.78	5.14	5.38	4.16	-3.48	-2.88	-2.12	-1.78	1.78	4.98	9.58
250	-7.65	-6.38	-5.49	-5.35	-4.79	-3.54	-2.59	-1.84	-1.48	-1.18	0.91	3.12	8.33	7.27	5.82	4.78	5.14	5.38	4.16	-3.48	-2.88	-2.12	-1.78	1.78	4.98	9.58
500	-8.28	-6.27	-5.48	-5.28	-4.82	-3.58	-2.88	-2.12	-1.78	-1.42	1.28	4.22	9.54	7.27	5.82	4.78	5.14	5.38	4.16	-3.48	-2.88	-2.12	-1.78	1.78	4.98	9.58
1000	-4.98	-3.61	-4.19	-2.54	-3.29	-1.45	-0.81	-0.38	1.38	3.22	4.91	5.32	5.33	5.33	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37	5.37
2000	-6.14	-3.68	-4.81	-2.81	-3.18	-1.24	-0.59	-0.31	0.81	1.83	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53
315	-5.92	-7.23	-6.74	-6.52	-6.35	-2.44	-1.44	-0.38	1.44	2.88	3.88	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37
400	-1.44	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48	-2.48
500	-1.51	-4.28	2.425	-3.18	-1.52	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81	-2.81
630	-3.14	-1.24	-8.84	1.18	-3.88	1.81	-3.88	1.81	-3.88	1.81	-3.88	1.81	-3.88	1.81	-3.88	1.81	-3.88	1.81	-3.88	1.81	-3.88	1.81	-3.88	1.81	-3.88	1.81
800	-4.88	-2.94	-2.31	-7.84	-3.88	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28
1000	-2.18	-4.32	-3.48	-2.52	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28	-2.28
1250	-5.85	-1.54	-6.67	1.37	-6.89	4.88	-0.83	-1.81	-0.87	2.37	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27
1500	-6.48	-1.61	-5.17	2.39	-4.16	3.475	-0.759	-1.34	-2.44	-0.69	5.88	-2.37	-4.34	-4.34	-4.34	-4.34	-4.34	-4.34	-4.34	-4.34	-4.34	-4.34	-4.34	-4.34	-4.34	-4.34
2000	-5.22	-1.27	-7.78	1.37	-9.84	4.475	-0.544	-1.48	-1.42	-0.38	2.88	-3.24	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12
2500	-6.12	-4.89	-8.98	1.799	-2.113	1.968	2.331	3.445	1.752	-1.19	-2.68	-3.25	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34
3150	-1.78	3.25	-3.47	1.322	2.248	1.62	2.332	2.78	2.612	1.13	2.99	1.98	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88
4000	-1.37	1.943	-2.85	-0.778	-1.77	1.85	2.951	-0.89	1.854	1.882	-2.68	-3.25	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34
5000	-4.34	-2.79	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14	-2.14
6300	-2.87	-2.87	2.469	-1.86	-0.646	-0.97	1.428	2.664	3.794	3.80	-1.81	-3.33	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12	-5.12
8000	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34	-2.34
10000	-4.39	-5.37	-3.33	-2.26	-1.64	-0.828	2.892	3.698	3.737	2.453	-1.525	-4.09	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18	-4.18

AMBIENT TEMP. 34.22
MET-BULB TEMP. 29.87
BAR. PRESSURE 24.84
ABS. HUMIDITY 2.863

FAA FAN/COMPRESSOR - PHASE 5B + 5C T/D 1/38/70 R/D 2/3/77-03
RUE11 R03111 SPEED=8327

RADIAL DISTANCE 250

DATE: 2/9/77

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	2.7	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2
52	74.24	75.95	77.25	78.52	79.67	80.77	81.79	82.72	83.58	84.31	84.91	85.39	85.76	86.04	86.24	86.38	86.47	86.52	86.55
63	74.60	76.18	77.48	78.63	79.68	80.64	81.51	82.29	83.00	83.64	84.21	84.71	85.15	85.54	85.88	86.17	86.42	86.63	86.80
82	75.45	77.75	79.34	80.89	82.31	83.61	84.79	85.85	86.81	87.68	88.47	89.18	89.82	90.40	90.92	91.39	91.82	92.21	92.56
100	76.18	79.17	81.47	83.68	85.71	87.57	89.27	90.82	92.23	93.51	94.67	95.71	96.63	97.44	98.15	98.77	99.31	99.79	100.22
125	76.93	80.59	83.59	86.45	89.08	91.50	93.73	95.78	97.66	99.38	100.95	102.38	103.68	104.85	105.90	106.83	107.65	108.37	109.00
160	77.44	81.82	85.42	88.85	92.04	94.91	97.49	99.80	101.94	103.92	105.75	107.44	108.99	110.42	111.74	112.96	114.08	115.11	116.05
200	77.78	82.91	86.22	89.35	92.21	94.81	97.17	99.31	101.24	103.07	104.80	106.43	107.96	109.39	110.73	111.98	113.14	114.21	115.19
250	78.48	84.24	87.24	90.08	92.68	95.06	97.24	99.23	101.04	102.68	104.16	105.50	106.71	107.79	108.75	109.60	110.35	111.01	111.58
315	79.72	86.12	88.72	91.35	93.84	96.11	98.19	100.09	101.82	103.39	104.83	106.15	107.37	108.49	109.52	110.47	111.34	112.13	112.84
400	80.72	87.72	90.12	92.55	94.84	96.92	98.81	100.52	102.06	103.44	104.68	105.79	106.78	107.66	108.43	109.10	109.68	110.18	110.61
500	81.90	89.45	91.55	93.88	96.04	97.99	99.77	101.40	102.88	104.23	105.46	106.58	107.60	108.52	109.35	110.10	110.77	111.37	111.91
630	82.74	90.95	92.59	94.81	96.81	98.58	100.14	101.58	102.89	104.08	105.16	106.14	107.03	107.83	108.54	109.17	109.72	110.20	110.61
800	83.33	92.15	93.47	95.41	97.19	98.76	100.14	101.43	102.63	103.74	104.77	105.72	106.59	107.38	108.09	108.73	109.30	109.80	110.23
1000	83.95	93.45	94.47	96.24	97.84	99.28	100.57	101.76	102.86	103.88	104.83	105.71	106.52	107.26	107.93	108.53	109.06	109.53	109.93
1250	84.48	94.55	95.27	96.89	98.34	99.64	100.84	101.95	102.98	103.94	104.83	105.65	106.41	107.10	107.72	108.28	108.77	109.20	109.57
1600	84.98	95.65	96.07	97.55	98.87	100.06	101.17	102.21	103.18	104.10	104.97	105.79	106.55	107.25	107.88	108.44	108.93	109.35	109.71
2000	85.45	96.80	96.93	98.27	99.49	100.59	101.61	102.57	103.48	104.34	105.15	105.91	106.62	107.28	107.87	108.39	108.85	109.25	109.59
2500	85.88	97.80	97.63	98.89	100.03	101.04	102.01	102.94	103.82	104.65	105.43	106.16	106.84	107.47	108.04	108.55	109.01	109.41	109.75
3150	86.27	99.30	98.93	100.13	101.17	102.13	103.01	103.84	104.62	105.36	106.05	106.70	107.31	107.87	108.37	108.82	109.22	109.57	109.86
4000	86.63	101.20	100.63	101.77	102.74	103.61	104.43	105.20	105.93	106.62	107.27	107.88	108.44	108.95	109.41	109.81	110.17	110.48	110.74
5000	86.96	103.40	102.63	103.69	104.58	105.41	106.19	106.92	107.60	108.26	108.88	109.45	110.00	110.51	110.97	111.38	111.75	112.08	112.36
6300	87.27	105.90	104.93	105.93	106.76	107.54	108.27	108.95	109.58	110.17	110.72	111.24	111.72	112.17	112.58	112.95	113.28	113.57	113.82
8000	87.56	108.60	107.43	108.37	109.16	109.89	110.57	111.20	111.78	112.32	112.82	113.29	113.72	114.11	114.46	114.78	115.07	115.33	115.56
10000	87.83	111.50	110.13	111.09	111.83	112.52	113.16	113.75	114.29	114.78	115.23	115.64	116.02	116.37	116.69	116.97	117.22	117.44	117.62

MEASURED CASPL

CALCULATED CASPL

PLCE

AMBIENT TEMP 34.7

MEASURABLE TEM 28.27

BAR PRESSURE 29.94

ABS. HUMIDITY 2.804

FAA CALCULATED PRESSURE 28.2 30 7.0 2.3/34.7 2.804 2/17/77

QUANTITY 1.35412

WEIGHT 56282

66

0AP.11

157.5

DATE: 2/9/77

RADIAL DISTANCE 25%

PAGE: 2

SOL: PRESSURE LEVELS DIRECTIVITY INDEX

ANGLES FROM 1-LEF

51	-4.58	5.25	-5.67	-5.49	-5.38	-4.43	-4.99	-3.33	-2.04	-1.92	-8.78	4.827	12.24
52	-8.65	-6.94	-5.65	-6.37	-6.12	-5.19	-4.83	-3.17	-2.97	-1.14	1.94	5.766	12.65
53	-8.2	-6.53	-5.91	-5.82	-5.28	-3.28	-2.78	-2.42	-1.11	1.709	2.733	5.501	8.454
54	-8.4	-8.18	-7.15	-5.59	-4.84	-3.64	-2.55	-2.43	-1.66	5.715	2.885	6.372	7.595
55	-7.27	-7.28	-7.52	-5.99	-5.32	-2.14	-1.48	-1.33	2.843	1.584	2.588	1.653	6.84
56	-8.69	-7.62	-7.67	-5.68	-5.53	-4.36	-4.33	2.396	2.591	2.328	2.276	2.549	4.275
57	-5.21	-7.21	-7.44	-5.71	-4.74	-3.45	-1.71	-1.69	-1.83	1.325	4.595	1.144	4.362
58	-1.64	-5.14	-4.22	-4.18	-3.62	-3.12	-3.65	-3.98	1.283	-1.872	2.434	4.625	4.24
59	-1.53	-1.867	1.236	-1.596	3.171	4.972	-1.966	1.828	-2.112	1.861	1.955	1.796	1.663
60	-3.23	-1.632	3.572	3.372	1.238	4.37	1.188	3.333	4.419	-3.319	3.437	3.578	3.41
61	-5.10	-2.54	-2.40	-1.75	-1.421	0.937	1.711	1.425	1.578	3.182	1.434	2.691	4.783
62	-4.13	-2.19	0.983	1.936	1.911	1.956	-1.787	-1.839	1.882	2.386	1.987	1.672	1.974
63	-4.64	1.827	2.823	2.151	1.233	2.541	4.158	-1.88	-1.78	3.389	4.188	3.11	2.79
64	-4.79	1.645	1.793	1.712	2.943	3.332	-1.915	-1.26	-1.26	1.262	-1.832	-2.2	-3.42
65	-3.33	1.214	2.454	1.153	4.084	3.123	-1.936	-1.587	-1.788	3.322	-2.244	-2.35	-1.52
66	-4.23	-2.31	1.779	-1.684	2.112	-1.219	2.133	3.642	2.336	-1.78	-2.75	-1.77	-2.92
67	-1.23	-3.48	-3.72	-3.27	1.214	1.18	2.384	2.873	2.521	-3.21	2.28	-3.17	-2.23
68	-3.28	4.679	-2.37	-1.188	-1.957	1.589	2.725	-1.45	1.929	1.972	1.979	-1.57	-5.35
69	-4.02	-3.73	-2.19	-1.78	-2.18	2.227	3.34	3.138	4.933	1.567	-2.08	-2.5	-5.4
70	-3.34	-3.91	-1.94	-1.925	1.987	1.924	2.494	4.534	1.461	-2.11	-3.28	-3.68	-3.68
71	-3.78	-2.38	-3.84	-2.49	-1.12	1.887	1.388	2.728	2.931	2.232	3.68	3.17	3.93
72	-3.58	-3.79	-4.32	-2.45	-1.798	1.685	2.339	2.937	3.449	2.151	-1.696	-3.69	-4.22

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ARRIVE TAVDA 34.27
MET-BUL TAVP 24.27
BAR-PRESSURE 23.94
ABS. FIDITY 2.863

FAA FAX/COMPRESSOR - PHASE 58 * 5C T/D 1/31/77 R/C 2/3/73-3

RJH:11 -CG:112 SPEC:0892

665

RADIAL DISTANCE 154

DATE: 2/21/77

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0	10,0	11,0	12,0	13,0	14,0	15,0	16,0	17,0	18,0	19,0	20,0	
FREQ.	50	63	79	99	125	159	200	251	315	390	479	585	710	858	1033	1240	1483	1768	2100	
50	75.63	69.22	65.62	65.22	67.11	66.88	67.58	68.48	70.31	69.58	71.16	70.95	74.32	72.7						
63	75.22	71.49	68.44	64.32	62.24	64.41	68.45	68.48	68.66	71.18	71.40	71.18	74.11	72.7						
79	73.54	66.34	64.74	65.59	65.49	65.61	68.59	69.85	70.86	69.77	71.88	72.32	73.78	72.7						
99	71.42	68.21	68.35	69.65	67.75	67.47	68.19	74.81	71.78	72.19	78.85	71.81	72.87	182.5						
125	74.35	65.53	65.44	65.96	66.21	72.58	67.79	68.18	59.59	69.89	78.59	71.17	71.88	187.0						
159	67.39	64.65	62.41	65.86	66.34	68.23	67.83	68.84	78.27	68.43	68.66	68.91	68.88	137.0						
200	64.49	63.93	62.74	62.79	61.79	63.98	62.79	64.33	69.56	65.87	68.48	68.64	68.31	135.3						
251	62.44	63.13	63.37	63.36	68.11	61.74	61.26	62.99	63.36	78.79	71.57	72.64	72.77	126.4						
315	67.78	78.26	69.26	68.58	66.79	67.69	68.89	69.87	78.36	78.79	71.57	72.64	72.77	120.4						
390	72.22	72.44	71.39	70.84	69.84	72.86	71.53	73.83	73.85	74.15	75.87	75.37	74.86	126.4						
479	72.77	71.79	72.84	69.71	71.93	71.88	72.11	73.11	74.84	74.29	75.01	74.65	73.81	184.4						
585	69.81	71.82	68.27	72.14	78.24	68.55	78.34	78.39	71.13	71.87	72.45	71.68	71.48	120.5						
710	75.43	78.25	77.23	74.61	73.55	73.68	73.82	74.85	76.58	76.91	77.71	77.86	73.85	134.4						
858	79.11	78.87	78.58	78.87	77.58	78.74	77.33	78.82	78.87	78.83	88.74	79.11	77.38	135.3						
1033	78.49	81.14	80.86	78.83	79.58	78.69	78.67	78.92	79.71	79.19	88.49	79.34	79.63	133.2						
1240	79.28	81.21	78.81	78.22	77.74	78.64	79.32	79.47	88.86	88.11	88.44	78.34	79.16	149.5						
1483	79.58	80.47	78.83	78.33	77.28	78.57	78.87	78.95	88.60	89.59	88.17	78.31	79.16	137.0						
1768	82.55	79.73	82.51	88.92	88.85	77.32	77.81	78.45	82.38	82.77	83.35	88.11	77.21	148.8						
2100	80.79	87.49	91.86	93.84	98.11	83.89	87.69	98.54	93.93	92.94	91.32	88.19	85.48	136.2						
2510	84.32	83.78	81.73	83.18	88.95	88.48	83.16	84.83	85.78	83.81	85.52	88.78	79.29	148.8						
3150	80.54	81.82	81.89	79.78	88.79	81.88	79.81	82.82	82.19	82.79	82.23	79.88	79.29	137.0						
3900	88.29	82.11	84.48	83.57	83.39	88.88	84.82	84.88	87.88	87.34	85.92	84.19	81.43	138.4						
4790	83.74	81.18	81.44	79.27	81.85	77.83	78.62	88.36	81.58	88.08	83.84	78.27	78.19	148.8						
5850	82.18	82.33	81.48	81.33	84.78	78.82	77.87	78.11	82.45	81.72	88.18	79.18	78.84	148.8						
7100	84.18	92.72	94.57	96.45	93.18	91.71	93.25	95.82	97.49	96.74	96.84	93.78	91.92							
8580	94.23	93.25	94.42	95.77	94.13	98.72	92.82	94.12	94.75	95.93	95.11	92.83	98.61							
10330	125.9	124.1	128.9	111.4	109.2	105.3	107.5	109.7	112.3	111.6	118.6	108.2	108.9							

00PH11 140.3

MEASURED CASPL
CALCULATED CASPL
P/DB

AMBIENT TEMP. 34.49
METEOROLOGICAL TEMP. 31.49
BAROMETRIC PRESSURE 28.85
ABSOLUTE HUMIDITY 3.884

FAA FAN/COMPRESSOR - PHASE 98 + 5C - /D 1/27/77 R/D 1/35/78-3

WU:811 R00881 SPEC:526

DATE: 2/1/72

RADIAL DISTANCE 150

PAGE: 2

SC-1 PRESSURE LEVELS DIRECTIVITY INDEX

FREQ:	2.8	12.8	24.8	38.7	58.2	88.8	78.2	88.2	118.8	128.2	138.2	148.8	158.2	168.8	172.8	(PUL)
5R	6.222	-1.184	-3.59	-4.18	-2.29	-2.53	-1.83	-1.21	383A	1.424	1.744	1.345	4.984			
63	4.062	6.039	-5.42	-4.08	-3.68	-4.25	-2.21	-1.44	-1.38	1395	6.282	3.688	3.248			
88	4.243	-2.97	-4.54	-2.75	-1.82	-2.08	-2.72	2.28	1.364	4.848	2.555	3.514	4.484			
188	2.179	-1.62	-2.88	-3.58	-1.49	-2.77	-1.84	-2.78	2.494	4.937	1.619	1.772	3.631			
123	1.372	-3.44	-3.54	-3.81	-2.94	-3.87	-1.18	-2.92	8195	4.128	1.622	2.199	2.982			
100	1.242	-2.99	-1.229	-1.78	-1.32	-1.41	-1.288	3.994	3.325	7.933	2.821	1.358	1.434			
282	3.749	-1.91	-1.11	-1.13	-2.33	-1.14	-1.17	2.188	1.441	1.988	2.143	2.288	2.884			
288	-1.43	-1.565	-3.26	-3.48	-3.39	-1.94	-2.45	-2.45	-2.45	1.489	2.174	3.072	3.281			
312	1.171	5.772	2.22	2.987	-2.48	-1.78	-2.888	2.419	8.678	1.311	2.881	3.148	3.286			
488	-2.21	4.966	-1.84	-1.49	-3.37	-1.57	-1.882	4.885	1.424	1.728	2.641	2.941	2.431			
582	-1.49	-5.08	-1.42	-2.74	-5.32	-2.88	-3.51	4.579	1.574	1.833	2.543	2.438	4.454			
632	-1.19	4.954	0.99	-0.85	-1.68	-0.72	-0.81	-0.32	4.888	1.583	2.823	1.476	3.828			
882	5.883	2.511	1.781	1.822	1.88	1.83	-1.81	-1.774	-1.41	4.011	6.095	2.973	4.947	1.786		
1082	3.429	2.215	1.132	-0.84	-2.44	-2.48	-2.48	5.825	2.787	2.681	1.564	1.564	3.29			
1488	3.531	2.432	0.873	-0.87	-4.14	-4.17	-4.388	5.898	1.181	1.281	1.764	1.96	-2.72			
2088	4.828	1.871	2.248	2.278	1.33	1.436	-1.33	3.442	2.822	4.477	3.582	3.277	3.44			
2588	1.871	-0.94	2.884	4.956	2.257	-3.11	-2.61	1.973	1.955	2.348	2.922	3.19	-3.21			
3152	-1.58	-2.86	2.834	3.488	2.247	-6.47	-2.66	1.881	3.274	2.684	2.646	-2.21	-4.87			
4882	1.788	1.171	0.88	5.813	0.47	-1.93	5.484	1.818	3.140	3.948	1.897	-1.83	-4.29			
5882	1.144	4.216	1.133	1.382	1.839	1.372	-0.86	1.337	4.287	2.189	1.248	1.248	1.38			
6388	3.547	-2.44	-2.59	4.225	1.235	-3.87	-1.99	-2.78	3.339	2.598	1.164	1.164	-3.25			
8882	1.282	3.998	1.282	1.284	1.679	-2.34	-1.56	1.841	1.486	4.888	2.886	2.1.66	-2.59			
10882	1.419	-1.425	1.386	4.825	-1.74	-2.79	1.958	1.889	4.887	-1.375	-1.36	-3.79				

AMBIENT TEMP: 34.49
MET-BULB TEMP: 31.49
BAR. PRESSURE: 28.87
ABS. HUMIDITY: 3.884

FAA FAX/SC-PRESSOR - PHASE 1.9 + SC 1/D 1/27/72 R/D 1/38/78-3

RUN#12 WDR#01 SPESD#560P

67

RADIAL DISTANCE 150

DATE: 2/1/77

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET																			
	2.8	18.8	22.2	32.2	40.0	52.2	60.0	72.0	80.0	92.0	102.0	118.8	128.8	138.8	148.8	158.8	168.8	178.8	188.8	198.8
50	73.51	72.56	68.15	68.38	69.78	69.57	71.25	70.96	72.95	71.05	74.11	75.52	77.52	124.9						
63	69.13	77.58	67.18	67.97	69.37	68.18	71.38	71.42	71.97	72.36	73.75	73.79	76.77	125.3						
80	67.32	66.70	66.41	67.11	68.02	68.83	70.48	70.82	71.87	71.84	73.44	74.87	76.56	125.4						
100	69.39	78.14	68.88	69.36	68.59	70.48	71.81	72.62	74.24	73.14	75.83	75.39	77.51	125.7						
125	67.71	67.13	66.61	67.63	67.93	72.08	70.34	71.88	71.92	71.98	72.99	73.78	74.84	126.0						
160	65.23	65.74	65.53	65.54	66.81	68.09	69.71	70.88	71.82	70.99	71.39	71.28	72.32	126.5						
200	64.60	65.42	65.92	64.67	67.88	66.94	68.88	67.38	67.81	68.19	68.90	69.49	70.45	127.4						
250	62.49	64.76	64.73	64.75	62.31	63.39	63.91	64.87	64.13	67.22	67.82	67.93	69.89	128.1						
315	68.92	71.48	71.85	68.91	67.88	69.83	70.35	71.09	72.19	73.38	74.33	73.15	75.24	128.4						
400	72.80	74.96	74.70	72.97	71.88	73.87	75.14	75.47	76.34	77.16	77.63	78.32	77.18	128.9						
500	72.61	74.82	72.94	72.27	74.34	74.14	75.59	75.71	76.31	76.98	77.74	77.71	78.74	129.5						
630	71.84	72.62	71.89	71.66	72.46	72.89	72.65	72.99	73.39	73.81	74.79	73.69	75.85	130.4						
800	70.22	70.84	72.89	75.43	74.68	74.84	74.69	75.11	77.49	77.23	78.58	78.16	78.41	131.7						
1000	61.92	61.93	60.41	70.84	70.89	78.31	70.87	79.20	80.68	79.99	81.99	80.31	79.61	132.4						
1250	68.23	62.83	63.69	62.34	68.86	73.27	73.84	80.15	81.45	81.86	82.12	82.44	78.92	133.3						
1600	64.39	62.55	60.97	60.98	70.44	68.71	68.66	71.82	71.81	72.25	72.17	72.84	74.68	134.0						
2000	61.89	61.48	60.29	62.44	62.69	79.43	80.86	81.58	81.58	84.51	84.94	85.25	80.41	135.0						
2500	62.68	62.33	62.55	61.33	62.13	64.87	62.62	68.02	68.41	72.25	72.10	72.88	76.91	136.2						
3150	60.26	60.86	66.56	67.88	68.89	85.14	88.28	88.88	90.54	88.41	89.87	85.23	83.34	138.8						
4000	61.96	62.05	63.19	62.53	63.34	64.16	62.98	65.23	64.37	65.32	64.11	68.87	78.94	140.0						
5000	66.94	64.39	64.91	64.27	67.84	62.12	64.84	66.35	69.44	67.32	66.53	65.55	61.39	141.8						
6300	65.66	65.89	64.13	63.68	65.63	68.47	62.22	64.45	64.32	64.15	64.88	62.34	59.44	143.9						
8000	63.56	61.02	62.64	62.66	66.34	69.94	61.84	63.21	64.10	63.62	62.31	68.07	77.86	148.0						
MEASUREMENTS	96.69	96.30	96.26	96.38	97.27	94.18	96.02	96.74	96.78	97.59	97.75	94.94	93.83							
CALCULATED	95.96	95.78	95.55	95.68	96.55	93.28	95.18	96.85	98.08	97.82	96.69	94.83	92.48							
RMSE	110.8	110.7	110.15	110.8	111.6	107.9	116.4	110.9	113.1	112.2	112.2	109.2	107.7							

0APML: 150.9

AMBIENT TEMP: 34.49
 METEORO TEMP: 31.42
 BAR. PRESSURE: 28.95
 ABS. HUMIDITY: 3.984

FAA FAN COMPRESSOR - PHASE BR # 5C 1/R 1/2/77E H/D 1/38/78-3

RUN#11 RMS#82 SPEED=5522

DATE: 2/1/70

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2
52	1.948	1.996	3.42	3.51	1.04	1.99	3.11	1.003	1.353	1.001	2.548	2.821	5.446						
63	-2.04	5.081	4.79	4.01	-2.01	-3.70	-5.03	-5.02	1.066	1.816	1.772	1.808	4.795						
80	3.48	3.92	4.11	3.61	2.71	1.89	2.01	1.768	1.268	1.099	2.919	3.33	5.839						
100	-2.07	-2.12	-4.18	-3.98	-3.67	-1.78	-1.26	1.606	1.979	1.011	3.306	3.125	5.249						
125	-3.11	-3.68	-4.22	-3.19	-2.88	2.12	-4.21	1.739	1.002	1.153	2.162	2.953	4.615						
160	-3.92	-3.22	-3.42	-3.41	-2.15	1.89	1.766	1.749	2.004	1.629	2.434	2.326	3.366						
200	3.14	2.37	2.44	2.87	1.88	2.82	2.92	2.158	2.037	1.430	3.232	1.828	4.788						
250	-2.09	-1.619	-1.094	-1.687	-3.07	-2.04	-1.47	-1.511	1.7403	1.734	2.552	3.666	5.013						
315	-2.67	-1.095	-1.314	-1.48	-3.78	-2.56	-1.24	-1.489	1.938	1.993	2.744	3.924	5.053						
400	-3.06	-1.79	-1.431	-2.47	-3.46	-1.26	1.806	3.321	1.208	2.028	2.496	3.163	4.847						
500	-2.35	-1.94	-2.32	-2.49	-4.23	-1.827	1.78	1.739	1.328	1.001	2.778	2.714	4.744						
630	-1.052	1.328	-1.39	-1.631	-1.026	-1.438	1.506	1.993	1.903	1.319	2.287	1.195	5.684						
800	2.314	2.726	1.344	1.885	-1.88	-1.77	-1.04	1.519	1.889	1.817	2.287	1.823	4.172						
1000	1.468	1.799	1.794	1.19	1.447	1.22	1.64	1.251	1.147	1.576	2.455	1.951	4.923						
1250	1.987	2.311	1.168	1.876	1.371	1.543	1.533	1.244	1.31	1.268	1.503	1.894	3.142						
1600	1.277	1.992	1.842	1.348	1.927	1.683	1.658	1.275	1.509	1.482	1.593	1.4	3.12						
2000	2.137	1.879	3.841	1.187	1.121	1.638	2.233	1.685	2.232	1.828	1.458	1.72	3.97						
2500	1.958	1.759	2.849	1.985	1.463	-2.01	-2.18	1.697	2.276	2.303	3.699	1.83	3.62						
3150	2.697	2.289	1.845	1.153	1.519	-3.95	1.801	1.844	2.709	1.637	1.568	2.25	3.72						
4000	1.134	1.159	1.98	1.333	1.434	2.48	1.736	1.336	2.903	1.951	1.234	1.31	4.22						
5000	1.338	1.11	1.871	1.733	1.823	1.851	1.281	1.874	1.707	1.397	1.852	1.19	5.22						
6300	1.271	1.28	1.753	1.641	1.873	1.355	1.103	1.685	1.769	1.654	1.856	1.1	4.28						
8000	1.789	1.142	2.225	1.474	1.875	-3.48	-1.73	1.471	2.344	1.184	1.924	1.1	5.51						
10000	1.111	1.055	1.965	1.985	1.869	-1.93	-1.44	1.7368	1.709	1.463	1.165	1.08	4.01						

ANGLES FROM INLET

AMBIENT TEMP. 34.40
 MET-BULP TEMP. 31.45
 BAR. PRESSURE 28.95
 ABS. HUMIDITY 3.884

FAA FAX/COMPRESSOR - PHASE 50 + 5C T/D 1/27/70 R/D 1/30/70-3

RUN#11 RGM#2 SPEC#9572

RADIAL DISTANCE 152

DATE: 2/21/72

SOLYD PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	2.8	12.2	22.2	38.2	42.2	58.2	68.8	78.8	82.2	102.2	118.2	122.2	138.2	142.2	152.2	162.2	178.2	(PML)
52	72.85	74.58	68.15	68.05	69.54	69.49	71.61	71.71	73.28	72.72	75.43	75.29	78.87	75.29	78.87	75.29	78.87	125.7
63	68.07	77.91	68.22	68.67	69.61	69.18	72.94	72.45	73.38	73.71	75.27	75.76	79.32	75.76	79.32	75.76	79.32	126.6
AB	68.82	68.12	67.64	67.87	68.47	68.89	72.17	72.13	73.38	73.38	74.88	75.44	78.82	75.44	78.82	75.44	78.82	128.2
100	72.41	69.95	68.27	69.25	70.33	71.36	74.45	75.09	77.58	77.16	78.14	81.91	78.82	78.14	81.91	78.14	81.91	123.7
125	68.32	68.21	67.34	68.28	68.73	69.41	72.72	71.94	73.28	73.15	74.83	75.59	78.79	75.59	78.79	75.59	78.79	123.6
142	66.11	66.09	66.35	66.17	67.32	69.04	71.69	72.74	71.97	71.64	72.42	72.26	73.22	72.42	73.22	72.42	73.22	122.5
200	78.93	68.44	67.88	68.24	68.17	68.54	78.25	68.11	68.11	68.11	69.42	70.03	73.55	69.42	70.03	73.55	70.03	126.3
280	62.36	64.67	64.89	64.39	62.49	63.21	67.78	65.48	67.99	67.91	69.42	70.03	73.55	69.42	70.03	73.55	70.03	126.9
312	62.81	71.88	71.38	71.77	71.88	72.75	73.23	72.24	73.07	73.83	74.88	75.77	78.82	75.77	78.82	75.77	78.82	126.8
400	74.24	75.27	73.67	74.63	72.66	74.55	76.36	76.81	77.21	77.62	78.57	79.58	79.99	78.57	79.58	79.99	79.99	138.2
500	73.08	75.37	74.22	73.97	75.92	75.43	77.88	78.53	77.38	77.40	78.15	79.13	78.83	78.15	79.13	79.13	78.83	127.7
632	73.29	73.79	72.32	72.47	73.48	73.31	75.09	73.82	74.48	74.89	75.47	76.47	73.88	75.47	76.47	76.47	73.88	131.4
800	76.42	75.58	78.32	78.13	78.83	75.88	77.46	78.04	78.83	78.82	77.87	78.18	78.59	78.18	78.59	78.59	78.18	134.6
1000	81.93	82.33	81.16	79.21	80.16	79.44	80.72	80.97	80.89	81.91	82.66	83.09	79.32	82.66	83.09	83.09	79.32	131.2
1200	82.41	83.71	82.48	82.18	82.54	81.19	83.51	83.72	83.82	84.88	85.44	85.48	78.39	85.44	85.48	85.48	78.39	136.7
1400	82.85	83.93	82.86	81.88	81.84	81.99	83.69	82.78	83.49	83.41	83.52	83.29	78.82	83.52	83.29	83.29	78.82	138.5
2000	82.16	83.48	82.13	81.88	81.18	81.97	82.82	82.24	83.93	83.82	83.18	79.53	83.18	83.82	83.18	83.18	79.53	130.1
2500	82.77	82.26	85.23	83.78	84.13	88.79	82.34	82.59	85.42	85.55	86.16	88.74	79.53	86.16	88.74	88.74	79.53	137.8
3152	83.19	87.44	87.39	88.68	88.84	83.81	87.38	88.54	91.30	89.58	91.51	89.88	87.53	91.51	89.88	89.88	87.53	141.9
4000	93.67	93.16	98.29	93.92	92.69	89.74	92.44	93.76	96.42	93.52	92.36	89.88	87.53	92.36	89.88	89.88	87.53	141.9
5000	83.12	83.93	85.88	83.14	84.79	86.28	85.03	86.51	86.89	87.84	86.75	82.41	81.21	86.75	82.41	82.41	81.21	143.7
6300	86.82	83.68	85.31	86.29	87.24	83.16	85.16	85.86	85.88	87.84	86.63	83.23	81.83	86.63	83.23	83.23	81.83	143.7
8000	89.44	88.48	85.97	85.83	87.39	82.82	82.82	82.82	82.82	84.37	84.37	85.52	83.41	84.37	85.52	85.52	83.41	143.2
12000	89.99	82.59	83.58	83.58	80.46	81.92	83.33	84.17	84.87	85.52	83.22	83.41	79.79	85.52	83.22	83.22	79.79	132.4
MEASURED CASPL	97.94	97.94	97.81	97.77	98.25	95.64	98.57	98.66	100.4	99.89	98.59	98.59	94.94	98.59	98.59	98.59	94.94	
CALCULATED CASPL	97.41	97.20	96.17	97.16	97.48	94.74	98.96	98.89	99.74	98.28	97.21	95.72	91.42	97.21	95.72	95.72	91.42	
	112.4	112.5	116.9	112.5	112.3	109.9	112.3	113.2	113.2	113.2	113.2	113.2	112.9	113.2	112.9	112.9	109.9	108.6

AMBIENT TEMP. 34.49
 METEOR. TEMP. 31.40
 BAR. PRESSURE 28.95
 ABS. HUMIDITY 3.804

FAA FAX/COMPRESSOR - PHASE 29 - 2 - SE. T/O 1/21/72. R/D. 1/30/70-3

RUN#11 SPEED=3752

CAPML: 132.4

SEC C PRESSURE LEVELS DIRECTIVITY INDEX

	ANGLES FROM INLET									
	0	10	20	30	40	50	60	70	80	90
4924	-4.28	-4.23	-4.33	-2.84	-2.68	-7.68	-6.69	-3.82	-2.95	-2.98
52	-4.37	-4.07	-5.01	-4.47	-3.43	-4.26	-8.95	-7.86	-3.47	-2.03
63	-4.20	-3.98	-4.47	-4.13	-3.43	-2.23	-3.47	-4.32	-1.44	-1.23
88	-4.26	-4.75	-6.18	-5.46	-4.48	-3.34	-2.57	-3.82	-2.87	-2.74
108	-3.84	-4.22	-4.84	-4.81	-3.44	-1.88	-3.35	-2.72	-1.83	-1.32
128	-3.97	-3.13	-3.66	-3.85	-2.69	-1.81	-1.67	-1.72	-1.95	-1.82
168	-2.82	-4.47	-1.79	-2.62	-2.71	-1.34	-1.34	-1.87	-1.88	-1.64
208	-4.94	-1.73	-2.38	-2.21	-3.91	-1.39	-1.12	-1.67	-1.31	-2.21
250	-3.14	-1.19	-1.54	-2.38	-4.27	-3.48	-4.72	-3.83	-2.14	-1.43
318	-1.91	-1.67	-1.47	-1.51	-3.49	-1.59	-2.15	-1.36	-1.61	-1.47
408	-2.27	-1.49	-2.13	-2.28	-1.23	-1.41	-3.29	-1.36	-1.24	-2.92
508	-1.93	-2.65	-1.41	-1.29	-3.17	-1.13	-1.65	-1.86	-1.54	-1.48
638	-1.93	-2.90	-1.94	-1.24	-1.38	-1.48	-3.27	-1.93	-1.89	-1.48
808	-1.56	-1.94	-2.82	-1.14	-1.89	-1.36	-3.46	-1.98	-1.75	-1.35
1008	-1.23	-1.64	-2.44	-3.67	-1.61	-1.46	-4.62	-1.27	-1.85	-2.32
1208	-2.34	-1.58	-2.82	-1.64	-1.78	-1.48	-4.58	-1.22	-1.10	-1.23
1508	-1.92	-1.87	-1.84	-3.71	-1.97	-2.54	-4.89	-1.73	-1.89	-2.19
1808	-3.24	-1.39	-1.24	-2.84	-1.83	-1.27	-5.74	-1.54	-1.16	-1.31
2108	-1.64	-1.42	-2.18	-1.98	-2.97	-2.73	-4.25	-1.98	-1.81	-3.16
2408	-1.76	-1.99	-1.31	-1.79	-1.19	-1.28	-4.92	-1.26	-2.81	-2.42
2708	-2.11	-2.89	-1.47	-1.92	-1.48	-2.61	-3.33	-1.74	-1.23	-1.65
3008	-2.28	-1.94	-1.84	-1.74	-2.21	-2.97	-3.94	-1.36	-1.64	-2.24
3308	-1.15	-1.29	-1.31	-1.31	-4.93	-2.87	-4.98	-2.84	-1.77	-1.63

AMBIENT TEMP. 34.49
 WET-BULB TEMP. 7.49
 RAD. PRESSURE 24.95
 ABC. HUMIDITY 3.884

FAA FA/COMPRESSOR - PHASE 98 + 5C 7/D 1/27/72 R/D 1/30/78-3

RU#11 RG#63 SPEED#5755

RADIAL DISTANCE 152

DATE: 2/1/72

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET										
	2.2	17.2	21.2	33.2	41.2	52.2	62.2	72.2	82.2	92.2	102.2
28.28	71.10	49.21	49.21	73.11	72.77	71.96	72.85	74.24	73.23	74.11	76.95
32	77.77	49.15	69.02	78.63	78.94	72.46	73.61	74.39	74.68	76.22	77.98
63	68.64	48.48	48.28	78.37	71.37	72.42	73.28	74.47	74.31	76.28	77.28
88	72.23	72.85	71.31	72.19	71.25	73.32	74.83	76.32	77.12	78.35	78.66
128	68.48	48.48	48.28	78.18	74.42	72.29	73.43	74.49	74.23	75.88	76.21
152	67.64	67.74	67.71	67.19	68.27	70.97	71.42	71.72	72.99	72.58	73.41
182	66.47	67.24	72.81	74.83	63.47	63.18	62.72	63.23	63.78	64.31	64.74
222	63.79	66.51	65.99	65.83	64.15	64.34	65.31	66.77	67.81	69.57	71.29
252	61.42	74.18	71.41	71.87	78.57	71.84	72.41	73.97	75.42	76.29	77.82
312	75.33	76.68	76.17	75.48	73.19	73.41	76.13	77.37	78.48	79.31	82.28
402	74.92	76.49	75.15	75.21	74.18	74.49	74.62	77.81	78.63	79.22	80.77
502	74.35	74.71	73.54	73.99	74.25	74.41	75.35	74.99	75.66	75.87	76.18
632	77.25	81.19	79.84	77.14	74.48	74.89	74.83	77.84	79.38	79.74	80.27
882	82.92	83.22	82.16	82.18	81.16	81.38	81.16	81.35	82.29	82.41	83.04
1022	81.74	84.72	83.84	83.12	83.28	82.28	82.59	83.88	83.89	84.41	84.14
1252	82.71	85.14	83.75	84.88	83.92	83.41	84.15	83.84	84.72	84.89	84.64
1602	83.24	84.79	83.43	83.37	83.72	83.45	83.16	83.49	83.38	84.28	84.83
2022	83.69	83.79	86.98	85.87	85.06	82.46	82.51	84.12	86.99	86.76	87.41
2502	82.87	84.71	88.53	85.83	88.28	83.88	87.28	85.22	91.24	85.33	86.84
3152	93.38	93.11	92.17	95.45	94.56	94.48	94.81	95.89	94.74	92.37	91.27
4202	83.77	84.84	85.25	84.73	87.89	86.54	85.88	86.38	86.45	86.32	82.20
5222	86.17	86.13	86.37	87.49	87.74	85.16	86.95	87.89	91.13	90.38	88.21
6302	87.83	87.89	87.52	88.89	88.79	84.27	84.15	88.58	88.28	88.17	88.33
8402	85.09	83.62	84.26	83.89	88.26	82.69	81.98	83.61	86.98	87.39	84.83
10802	98.31	98.37	98.33	99.33	99.73	97.98	98.09	101.3	100.5	99.33	99.17
MEASURED DASPL	97.52	97.48	97.52	98.63	98.87	97.33	97.95	102.8	99.79	98.88	98.28
CALCULATED DASPL	112.18	112.9	112.5	119.2	113.9	113.6	116.6	114.6	113.9	112.9	111.2

DAPHLI 193.5

AMBIENT TEMP. 34.49
 METEOROLOG. TEMP. 31.49
 BAR. PRESSURE 28.99
 ABS. HUMIDITY 3.844

FAA FAX/20 PRESSURE - PHASE 5B - 5C. 1/0 1/27/72. 9/0 1/27/72-3

RUN#11 30884 SPEED#6202

DATE: 2/1/77

RADIAL DISTANCE 158

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	ANGLES FROM INLET																				
	2.2	1.8	22.2	32.2	42.2	50.2	AP.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2		
22	2.254	-2.335	-4.50	-3.88	-2.42	-2.74	-1.57	-3.48	7.134	3.81	2.582	2.917	6.739								
63	3.514	-5.09	-4.32	-3.61	-3.31	-1.76	-0.36	1.417	3.974	1.976	2.952	6.443									
80	2.18	-4.83	-4.09	-4.25	-3.42	-2.13	-1.87	3.283	1.172	3.192	2.732	3.244	4.908								
102	3.74	-5.12	-4.66	-3.78	-4.73	-2.65	-1.14	3.351	1.150	2.808	3.688	4.274	6.942								
122	-2.95	-3.91	-4.51	-4.18	-3.23	-1.31	1.257	1.882	1.331	2.672	3.224	5.842									
162	-3.35	-3.24	-3.27	-3.78	-2.71	-0.91	4.432	7.229	2.888	1.998	2.431	2.799	3.924								
202	-3.28	-2.71	2.242	2.94	2.298	2.471	-2.36	4.416	5.324	1.141	1.662	1.669	4.399								
252	-4.19	-1.47	-1.99	-2.56	-3.04	-3.65	-2.08	-1.22	1.822	1.583	3.381	4.257	5.456								
312	-3.24	-4.28	-1.27	-2.81	-4.11	-2.82	-2.27	2.288	7.331	1.328	1.133	4.204	4.382								
402	-2.23	-0.74	-1.19	-1.89	-4.17	-1.95	-1.23	8.182	1.121	1.956	2.921	3.826	3.863								
502	-2.43	-4.89	-2.18	-2.12	-2.15	-1.66	-1.16	4.739	1.208	1.607	1.441	2.913	7.773								
632	-4.27	-0.45	-1.22	-1.15	-0.58	-0.46	5.098	2.368	9.114	1.234	2.382	1.333	1.888								
802	-2.56	2.889	1.527	0.81	0.81	-1.41	0.34	0.688	1.839	1.397	1.882	1.313	1.888								
1002	1.41	1.727	0.432	-1.33	-1.395	-1.21	-0.41	-0.88	7.773	9.886	2.328	1.823	1.169								
1232	3.83	1.945	1.843	2.098	0.741	1.223	2.283	2.283	1.195	4.132	1.348	0.161	3.882								
1602	1.49	1.433	2.595	0.945	3.334	2.333	2.29	1.888	2.881	1.884	1.241	2.245	4.233								
2002	-1.06	-1.988	2.213	1.979	1.892	-2.31	-2.29	-0.44	2.127	1.999	2.637	-2.83	-3.88								
2502	-1.24	-1.27	3.772	1.522	3.235	4.39	0.89	1.247	2.283	1.328	1.864	3.833	4.11								
3002	0.678	-1.943	-1.09	1.393	1.291	3.415	7.556	4.737	8.994	-1.69	-2.79	-3.48	-7.13								
4002	-2.13	-1.83	-0.629	-1.14	1.221	1.617	-0.37	1.287	3.427	2.774	4.282	3.52	3.42								
5002	-1.39	-3.39	-1.14	1.738	2.221	-2.36	-0.72	3.739	3.413	2.387	1.993	2.159	3.82								
6002	3.886	3.872	7.357	6.882	2.811	-2.31	-3.27	1.983	1.988	1.388	1.399	2.139	3.833								
8002	4.813	-1.989	-1.355	-1.713	3.654	-1.91	-2.43	-0.81	2.568	2.787	3.188	-1.87	-4.11								
20922																					

C73

AMBIENT TEMP 34.49
 "E" "B" "I" TEMP 31.49
 GAS PRESSURE 28.85
 ABS. HUMIDITY 3.684

FAA FAN/COMPRESSOR - PHASE 98 - 5C Y/D 1/27/72 R/D 1/30/78-3

RUN#11 R30#84 SPEED#672

DATE: 2/1/77

RADIAL DISTANCE 152

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ	ANGLES FROM INLET																		
	2.0	12.2	22.2	32.2	42.2	52.0	62.2	72.7	82.2	92.2	102.2	112.0	120.2	132.2	142.2	152.2	162.2	172.2	182.2
50	75.45	72.91	69.15	60.79	78.92	71.42	72.22	73.41	74.98	76.32	77.83	77.84	81.84	82.7					
63	71.57	77.79	69.76	78.18	78.87	71.25	73.89	73.69	75.11	75.44	77.37	78.27	81.62	82.7					
84	72.20	68.48	68.60	68.58	78.53	71.87	73.89	73.45	75.43	75.41	77.23	78.28	81.81	82.7					
102	71.71	72.45	72.87	72.53	73.49	74.47	75.51	76.32	77.68	79.59	79.64	81.39	82.7						
122	72.54	71.21	72.16	72.48	73.21	74.71	73.63	74.46	75.88	76.12	77.17	78.39	78.81	82.7					
162	67.48	68.36	68.81	67.79	68.95	72.82	72.94	72.79	73.59	73.14	74.27	74.34	75.76	82.7					
202	64.56	68.82	68.74	66.36	67.74	68.17	68.71	63.82	72.56	71.39	72.33	72.96	72.28	82.7					
252	64.49	66.97	66.85	66.36	64.75	63.82	66.18	67.66	69.65	70.47	72.33	73.89	74.71	82.7					
312	73.82	78.41	78.47	72.78	71.55	73.81	73.88	75.58	74.57	77.38	79.44	80.52	80.53	82.7					
422	76.26	77.77	76.63	76.34	74.25	76.21	77.11	77.99	76.68	80.89	81.52	82.28	81.96	82.7					
512	75.54	77.10	75.88	76.02	74.75	77.37	77.41	78.58	76.44	80.82	81.82	81.24	78.73	82.7					
632	75.17	75.34	74.29	74.48	74.93	75.44	75.66	75.71	76.37	76.51	77.54	76.78	75.09	82.7					
822	78.38	81.48	82.12	77.08	74.81	77.53	77.80	78.78	80.28	80.47	81.24	80.91	78.20	82.7					
1022	83.49	83.62	82.42	80.73	81.59	80.77	80.98	81.59	82.36	82.83	84.17	82.31	81.82	82.7					
1252	82.56	84.85	83.58	82.44	83.88	82.83	83.81	82.98	84.51	83.75	85.66	82.88	78.83	82.7					
1622	83.59	85.38	83.69	83.51	83.87	83.50	84.46	84.36	85.81	85.32	85.24	81.93	80.42	82.7					
2022	83.84	85.22	83.99	84.44	83.58	84.24	83.51	84.24	85.20	84.94	85.10	80.88	79.35	82.7					
2502	84.44	83.97	87.12	86.13	86.08	83.27	83.57	84.02	87.37	87.48	86.86	82.28	81.82	82.7					
3152	88.29	86.69	88.72	89.84	88.74	84.14	87.51	89.24	91.75	89.88	98.31	85.12	84.38	82.7					
4022	92.98	93.46	92.33	95.16	94.49	95.26	96.85	97.34	96.94	92.80	92.67	89.87	87.93	82.7					
5022	84.46	85.39	85.49	84.75	86.54	87.38	85.89	85.63	87.83	86.48	86.43	82.88	81.49	82.7					
6302	86.88	85.24	87.57	87.91	89.99	88.19	86.87	88.76	90.93	89.79	88.81	85.34	83.35	82.7					
8022	88.43	87.52	87.89	88.24	89.16	89.88	88.83	88.93	89.83	89.48	88.74	85.89	82.23	82.7					
10022	85.59	83.53	84.26	84.22	80.43	81.05	82.37	84.59	84.03	87.99	85.31	83.44	86.05	82.7					
MEASURE: CASP	98.61	98.79	98.64	99.32	98.97	98.93	99.99	100.0	101.5	100.2	99.99	97.87	96.74						
CALCULATE: CASP	97.74	97.84	97.78	98.55	99.85	98.27	98.74	100.1	100.2	99.28	99.88	98.17	95.11						
P:LS	112.6	113.2	112.7	114.1	114.1	113.9	114.9	115.0	116.2	113.8	113.9	111.1	109.6						

OAPHL: 193.9

AMBIENT TEMP: 35.82
 WETBULB TEMP: 32.22
 BAR. PRESSURE: 29.95
 ABS. HUMIDITY: 3.976

FAA EAV/COMPRESSOR PHASE 50 ± 5C. Y/D 1/22/78. R/D 1/32/78-3

RUN#11 3CG85 SPEED#8227

RADIAL DISTANCE 158

DATE: 2/1/72

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	1.144	1.220	1.296	1.372	1.448	1.524	1.600	1.676	1.752	1.828	1.904	1.980	2.056	2.132	2.208	2.284	2.360	2.436	2.512	2.588	2.664	2.740	2.816	2.892	2.968	3.044	3.120	3.196	3.272	3.348	3.424	3.500	3.576	3.652	3.728	3.804	3.880	3.956	4.032	4.108	4.184	4.260	4.336	4.412	4.488	4.564	4.640	4.716	4.792	4.868	4.944	5.020	5.096	5.172	5.248	5.324	5.400	5.476	5.552	5.628	5.704	5.780	5.856	5.932	6.008	6.084	6.160	6.236	6.312	6.388	6.464	6.540	6.616	6.692	6.768	6.844	6.920	6.996	7.072	7.148	7.224	7.300	7.376	7.452	7.528	7.604	7.680	7.756	7.832	7.908	7.984	8.060	8.136	8.212	8.288	8.364	8.440	8.516	8.592	8.668	8.744	8.820	8.896	8.972	9.048	9.124	9.200	9.276	9.352	9.428	9.504	9.580	9.656	9.732	9.808	9.884	9.960	10.036	10.112	10.188	10.264	10.340	10.416	10.492	10.568	10.644	10.720	10.796	10.872	10.948	11.024	11.100	11.176	11.252	11.328	11.404	11.480	11.556	11.632	11.708	11.784	11.860	11.936	12.012	12.088	12.164	12.240	12.316	12.392	12.468	12.544	12.620	12.696	12.772	12.848	12.924	13.000	13.076	13.152	13.228	13.304	13.380	13.456	13.532	13.608	13.684	13.760	13.836	13.912	13.988	14.064	14.140	14.216	14.292	14.368	14.444	14.520	14.596	14.672	14.748	14.824	14.900	14.976	15.052	15.128	15.204	15.280	15.356	15.432	15.508	15.584	15.660	15.736	15.812	15.888	15.964	16.040	16.116	16.192	16.268	16.344	16.420	16.496	16.572	16.648	16.724	16.800	16.876	16.952	17.028	17.104	17.180	17.256	17.332	17.408	17.484	17.560	17.636	17.712	17.788	17.864	17.940	18.016	18.092	18.168	18.244	18.320	18.396	18.472	18.548	18.624	18.700	18.776	18.852	18.928	19.004	19.080	19.156	19.232	19.308	19.384	19.460	19.536	19.612	19.688	19.764	19.840	19.916	19.992	20.068	20.144	20.220	20.296	20.372	20.448	20.524	20.600	20.676	20.752	20.828	20.904	20.980	21.056	21.132	21.208	21.284	21.360	21.436	21.512	21.588	21.664	21.740	21.816	21.892	21.968	22.044	22.120	22.196	22.272	22.348	22.424	22.500	22.576	22.652	22.728	22.804	22.880	22.956	23.032	23.108	23.184	23.260	23.336	23.412	23.488	23.564	23.640	23.716	23.792	23.868	23.944	24.020	24.096	24.172	24.248	24.324	24.400	24.476	24.552	24.628	24.704	24.780	24.856	24.932	25.008	25.084	25.160	25.236	25.312	25.388	25.464	25.540	25.616	25.692	25.768	25.844	25.920	25.996	26.072	26.148	26.224	26.300	26.376	26.452	26.528	26.604	26.680	26.756	26.832	26.908	26.984	27.060	27.136	27.212	27.288	27.364	27.440	27.516	27.592	27.668	27.744	27.820	27.896	27.972	28.048	28.124	28.200	28.276	28.352	28.428	28.504	28.580	28.656	28.732	28.808	28.884	28.960	29.036	29.112	29.188	29.264	29.340	29.416	29.492	29.568	29.644	29.720	29.796	29.872	29.948	30.024	30.100	30.176	30.252	30.328	30.404	30.480	30.556	30.632	30.708	30.784	30.860	30.936	31.012	31.088	31.164	31.240	31.316	31.392	31.468	31.544	31.620	31.696	31.772	31.848	31.924	32.000	32.076	32.152	32.228	32.304	32.380	32.456	32.532	32.608	32.684	32.760	32.836	32.912	32.988	33.064	33.140	33.216	33.292	33.368	33.444	33.520	33.596	33.672	33.748	33.824	33.900	33.976	34.052	34.128	34.204	34.280	34.356	34.432	34.508	34.584	34.660	34.736	34.812	34.888	34.964	35.040	35.116	35.192	35.268	35.344	35.420	35.496	35.572	35.648	35.724	35.800	35.876	35.952	36.028	36.104	36.180	36.256	36.332	36.408	36.484	36.560	36.636	36.712	36.788	36.864	36.940	37.016	37.092	37.168	37.244	37.320	37.396	37.472	37.548	37.624	37.700	37.776	37.852	37.928	38.004	38.080	38.156	38.232	38.308	38.384	38.460	38.536	38.612	38.688	38.764	38.840	38.916	38.992	39.068	39.144	39.220	39.296	39.372	39.448	39.524	39.600	39.676	39.752	39.828	39.904	39.980	40.056	40.132	40.208	40.284	40.360	40.436	40.512	40.588	40.664	40.740	40.816	40.892	40.968	41.044	41.120	41.196	41.272	41.348	41.424	41.500	41.576	41.652	41.728	41.804	41.880	41.956	42.032	42.108	42.184	42.260	42.336	42.412	42.488	42.564	42.640	42.716	42.792	42.868	42.944	43.020	43.096	43.172	43.248	43.324	43.400	43.476	43.552	43.628	43.704	43.780	43.856	43.932	44.008	44.084	44.160	44.236	44.312	44.388	44.464	44.540	44.616	44.692	44.768	44.844	44.920	45.000
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C75

AMBIENT TEMP. 35.82
 METEOROL. TEMP. 32.02
 BAR. PRESSURE 28.92
 ABS. HUMIDITY 3.976
 FAA FAV/COMPRESSOR - PHASE 98 + 9C Y/D 1/27/76 R/D 1/30/78-3
 RUN#11 ADM#05 SPEED#020P

RADIAL DISTANCE 150

DATE: 7/2/77

STATIC PRESSURE LEVELS PIPECTIVITY INDEX

ANGLES FROM INLET
 72.2 82.2 92.2 102.2 112.2 122.2 132.2 142.2 152.2 162.2 172.2 182.2 192.2 202.2 212.2 222.2 232.2 242.2 252.2 262.2 272.2 282.2 292.2 302.2 312.2 322.2 332.2 342.2 352.2 362.2 372.2 382.2 392.2 402.2 412.2 422.2 432.2 442.2 452.2 462.2 472.2 482.2 492.2 502.2 512.2 522.2 532.2 542.2 552.2 562.2 572.2 582.2 592.2 602.2 612.2 622.2 632.2 642.2 652.2 662.2 672.2 682.2 692.2 702.2 712.2 722.2 732.2 742.2 752.2 762.2 772.2 782.2 792.2 802.2 812.2 822.2 832.2 842.2 852.2 862.2 872.2 882.2 892.2 902.2 912.2 922.2 932.2 942.2 952.2 962.2 972.2 982.2 992.2 1002.2 1012.2 1022.2 1032.2 1042.2 1052.2 1062.2 1072.2 1082.2 1092.2 1102.2 1112.2 1122.2 1132.2 1142.2 1152.2 1162.2 1172.2 1182.2 1192.2 1202.2 1212.2 1222.2 1232.2 1242.2 1252.2 1262.2 1272.2 1282.2 1292.2 1302.2 1312.2 1322.2 1332.2 1342.2 1352.2 1362.2 1372.2 1382.2 1392.2 1402.2 1412.2 1422.2 1432.2 1442.2 1452.2 1462.2 1472.2 1482.2 1492.2 1502.2 1512.2 1522.2 1532.2 1542.2 1552.2 1562.2 1572.2 1582.2 1592.2 1602.2 1612.2 1622.2 1632.2 1642.2 1652.2 1662.2 1672.2 1682.2 1692.2 1702.2 1712.2 1722.2 1732.2 1742.2 1752.2 1762.2 1772.2 1782.2 1792.2 1802.2 1812.2 1822.2 1832.2 1842.2 1852.2 1862.2 1872.2 1882.2 1892.2 1902.2 1912.2 1922.2 1932.2 1942.2 1952.2 1962.2 1972.2 1982.2 1992.2 2002.2 2012.2 2022.2 2032.2 2042.2 2052.2 2062.2 2072.2 2082.2 2092.2 2102.2 2112.2 2122.2 2132.2 2142.2 2152.2 2162.2 2172.2 2182.2 2192.2 2202.2 2212.2 2222.2 2232.2 2242.2 2252.2 2262.2 2272.2 2282.2 2292.2 2302.2 2312.2 2322.2 2332.2 2342.2 2352.2 2362.2 2372.2 2382.2 2392.2 2402.2 2412.2 2422.2 2432.2 2442.2 2452.2 2462.2 2472.2 2482.2 2492.2 2502.2 2512.2 2522.2 2532.2 2542.2 2552.2 2562.2 2572.2 2582.2 2592.2 2602.2 2612.2 2622.2 2632.2 2642.2 2652.2 2662.2 2672.2 2682.2 2692.2 2702.2 2712.2 2722.2 2732.2 2742.2 2752.2 2762.2 2772.2 2782.2 2792.2 2802.2 2812.2 2822.2 2832.2 2842.2 2852.2 2862.2 2872.2 2882.2 2892.2 2902.2 2912.2 2922.2 2932.2 2942.2 2952.2 2962.2 2972.2 2982.2 2992.2 3002.2 3012.2 3022.2 3032.2 3042.2 3052.2 3062.2 3072.2 3082.2 3092.2 3102.2 3112.2 3122.2 3132.2 3142.2 3152.2 3162.2 3172.2 3182.2 3192.2 3202.2 3212.2 3222.2 3232.2 3242.2 3252.2 3262.2 3272.2 3282.2 3292.2 3302.2 3312.2 3322.2 3332.2 3342.2 3352.2 3362.2 3372.2 3382.2 3392.2 3402.2 3412.2 3422.2 3432.2 3442.2 3452.2 3462.2 3472.2 3482.2 3492.2 3502.2 3512.2 3522.2 3532.2 3542.2 3552.2 3562.2 3572.2 3582.2 3592.2 3602.2 3612.2 3622.2 3632.2 3642.2 3652.2 3662.2 3672.2 3682.2 3692.2 3702.2 3712.2 3722.2 3732.2 3742.2 3752.2 3762.2 3772.2 3782.2 3792.2 3802.2 3812.2 3822.2 3832.2 3842.2 3852.2 3862.2 3872.2 3882.2 3892.2 3902.2 3912.2 3922.2 3932.2 3942.2 3952.2 3962.2 3972.2 3982.2 3992.2 4002.2 4012.2 4022.2 4032.2 4042.2 4052.2 4062.2 4072.2 4082.2 4092.2 4102.2 4112.2 4122.2 4132.2 4142.2 4152.2 4162.2 4172.2 4182.2 4192.2 4202.2 4212.2 4222.2 4232.2 4242.2 4252.2 4262.2 4272.2 4282.2 4292.2 4302.2 4312.2 4322.2 4332.2 4342.2 4352.2 4362.2 4372.2 4382.2 4392.2 4402.2 4412.2 4422.2 4432.2 4442.2 4452.2 4462.2 4472.2 4482.2 4492.2 4502.2 4512.2 4522.2 4532.2 4542.2 4552.2 4562.2 4572.2 4582.2 4592.2 4602.2 4612.2 4622.2 4632.2 4642.2 4652.2 4662.2 4672.2 4682.2 4692.2 4702.2 4712.2 4722.2 4732.2 4742.2 4752.2 4762.2 4772.2 4782.2 4792.2 4802.2 4812.2 4822.2 4832.2 4842.2 4852.2 4862.2 4872.2 4882.2 4892.2 4902.2 4912.2 4922.2 4932.2 4942.2 4952.2 4962.2 4972.2 4982.2 4992.2 5002.2 5012.2 5022.2 5032.2 5042.2 5052.2 5062.2 5072.2 5082.2 5092.2 5102.2 5112.2 5122.2 5132.2 5142.2 5152.2 5162.2 5172.2 5182.2 5192.2 5202.2 5212.2 5222.2 5232.2 5242.2 5252.2 5262.2 5272.2 5282.2 5292.2 5302.2 5312.2 5322.2 5332.2 5342.2 5352.2 5362.2 5372.2 5382.2 5392.2 5402.2 5412.2 5422.2 5432.2 5442.2 5452.2 5462.2 5472.2 5482.2 5492.2 5502.2 5512.2 5522.2 5532.2 5542.2 5552.2 5562.2 5572.2 5582.2 5592.2 5602.2 5612.2 5622.2 5632.2 5642.2 5652.2 5662.2 5672.2 5682.2 5692.2 5702.2 5712.2 5722.2 5732.2 5742.2 5752.2 5762.2 5772.2 5782.2 5792.2 5802.2 5812.2 5822.2 5832.2 5842.2 5852.2 5862.2 5872.2 5882.2 5892.2 5902.2 5912.2 5922.2 5932.2 5942.2 5952.2 5962.2 5972.2 5982.2 5992.2 6002.2 6012.2 6022.2 6032.2 6042.2 6052.2 6062.2 6072.2 6082.2 6092.2 6102.2 6112.2 6122.2 6132.2 6142.2 6152.2 6162.2 6172.2 6182.2 6192.2 6202.2 6212.2 6222.2 6232.2 6242.2 6252.2 6262.2 6272.2 6282.2 6292.2 6302.2 6312.2 6322.2 6332.2 6342.2 6352.2 6362.2 6372.2 6382.2 6392.2 6402.2 6412.2 6422.2 6432.2 6442.2 6452.2 6462.2 6472.2 6482.2 6492.2 6502.2 6512.2 6522.2 6532.2 6542.2 6552.2 6562.2 6572.2 6582.2 6592.2 6602.2 6612.2 6622.2 6632.2 6642.2 6652.2 6662.2 6672.2 6682.2 6692.2 6702.2 6712.2 6722.2 6732.2 6742.2 6752.2 6762.2 6772.2 6782.2 6792.2 6802.2 6812.2 6822.2 6832.2 6842.2 6852.2 6862.2 6872.2 6882.2 6892.2 6902.2 6912.2 6922.2 6932.2 6942.2 6952.2 6962.2 6972.2 6982.2 6992.2 7002.2 7012.2 7022.2 7032.2 7042.2 7052.2 7062.2 7072.2 7082.2 7092.2 7102.2 7112.2 7122.2 7132.2 7142.2 7152.2 7162.2 7172.2 7182.2 7192.2 7202.2 7212.2 7222.2 7232.2 7242.2 7252.2 7262.2 7272.2 7282.2 7292.2 7302.2 7312.2 7322.2 7332.2 7342.2 7352.2 7362.2 7372.2 7382.2 7392.2 7402.2 7412.2 7422.2 7432.2 7442.2 7452.2 7462.2 7472.2 7482.2 7492.2 7502.2 7512.2 7522.2 7532.2 7542.2 7552.2 7562.2 7572.2 7582.2 7592.2 7602.2 7612.2 7622.2 7632.2 7642.2 7652.2 7662.2 7672.2 7682.2 7692.2 7702.2 7712.2 7722.2 7732.2 7742.2 7752.2 7762.2 7772.2 7782.2 7792.2 7802.2 7812.2 7822.2 7832.2 7842.2 7852.2 7862.2 7872.2 7882.2 7892.2 7902.2 7912.2 7922.2 7932.2 7942.2 7952.2 7962.2 7972.2 7982.2 7992.2 8002.2 8012.2 8022.2 8032.2 8042.2 8052.2 8062.2 8072.2 8082.2 8092.2 8102.2 8112.2 8122.2 8132.2 8142.2 8152.2 8162.2 8172.2 8182.2 8192.2 8202.2 8212.2 8222.2 8232.2 8242.2 8252.2 8262.2 8272.2 8282.2 8292.2 8302.2 8312.2 8322.2 8332.2 8342.2 8352.2 8362.2 8372.2 8382.2 8392.2 8402.2 8412.2 8422.2 8432.2 8442.2 8452.2 8462.2 8472.2 8482.2 8492.2 8502.2 8512.2 8522.2 8532.2 8542.2 8552.2 8562.2 8572.2 8582.2 8592.2 8602.2 8612.2 8622.2 8632.2 8642.2 8652.2 8662.2 8672.2 8682.2 8692.2 8702.2 8712.2 8722.2 8732.2 8742.2 8752.2 8762.2 8772.2 8782.2 8792.2 8802.2 8812.2 8822.2 8832.2 8842.2 8852.2 8862.2 8872.2 8882.2 8892.2 8902.2 8912.2 8922.2 8932.2 8942.2 8952.2 8962.2 8972.2 8982.2 8992.2 9002.2 9012.2 9022.2 9032.2 9042.2 9052.2 9062.2 9072.2 9082.2 9092.2 9102.2 9112.2 9122.2 9132.2 9142.2 9152.2 9162.2 9172.2 9182.2 9192.2 9202.2 9212.2 9222.2 9232.2 9242.2 9252.2 9262.2 9272.2 9282.2 9292.2 9302.2 9312.2 9322.2 9332.2 9342.2 9352.2 9362.2 9372.2 9382.2 9392.2 9402.2 9412.2 9422.2 9432.2 9442.2 9452.2 9462.2 9472.2 9482.2 9492.2 9502.2 9512.2 9522.2 9532.2 9542.2 9552.2 9562.2 9572.2 9582.2 9592.2 9602.2 9612.2 9622.2 9632.2 9642.2 9652.2 9662.2 9672.2 9682.2 9692.2 9702.2 9712.2 9722.2 9732.2 9742.2 9752.2 9762.2 9772.2 9782.2 9792.2 9802.2 9812.2 9822.2 9832.2 9842.2 9852.2 9862.2 9872.2 9882.2 9892.2 9902.2 9912.2 9922.2 9932.2 9942.2 9952.2 9962.2 9972.2 9982.2 9992.2 10002.2

ACQUANT TEMP. 31.80
 MET-BALLS TEMP. 32.00
 BAR. PRESSURE 28.85
 ABS. - MIDIV 3.970

FAA FAN/COMPRESSOR - PHASE 58 + SC Y/D 1/27/78 R/D 1/30/78-3

RUN#11 WDR#86 SPEED#6457

DATE: 2/1/77

R. IAL DISTANCE 150

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	16.2	22.8	32.2	42.7	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2
52	77.92	72.94	71.44	71.43	73.81	73.31	74.51	75.63	77.44	76.85	78.85	79.64	81.94	82.7	83.4	84.1	84.8	85.5	86.2	86.9
63	78.21	77.67	72.27	72.68	72.86	73.11	74.87	76.25	77.63	77.84	79.76	79.76	83.63	84.1	84.8	85.5	86.2	86.9	87.6	88.3
88	77.25	71.87	78.43	71.27	72.87	73.55	74.81	75.81	77.28	77.28	78.85	78.85	82.71	83.1	83.8	84.5	85.2	85.9	86.6	87.3
100	77.87	74.78	74.44	75.96	74.60	77.06	75.43	77.72	79.27	82.81	83.67	82.88	83.15	83.6	84.1	84.6	85.1	85.6	86.1	86.6
125	75.69	73.87	71.27	73.32	74.59	74.81	75.84	76.52	78.82	78.81	81.38	81.15	82.83	83.1	83.6	84.1	84.6	85.1	85.6	86.1
162	72.57	72.36	69.67	69.99	70.36	72.33	73.33	74.24	75.35	74.65	75.55	75.84	77.34	77.6	78.1	78.6	79.1	79.6	80.1	80.6
200	72.05	68.89	68.21	68.71	68.48	68.42	69.48	71.62	71.62	72.11	72.40	74.28	73.41	73.8	74.3	74.8	75.3	75.8	76.3	76.8
250	69.09	69.88	69.33	68.28	67.59	67.12	67.94	70.75	73.93	73.28	74.68	73.89	74.77	75.1	75.6	76.1	76.6	77.1	77.6	78.1
315	74.24	77.58	75.48	74.83	72.78	73.93	74.76	77.84	78.74	80.88	81.72	82.51	82.83	83.1	83.6	84.1	84.6	85.1	85.6	86.1
400	77.71	78.78	77.95	77.57	75.69	77.57	78.16	80.99	81.67	82.82	83.81	84.89	83.26	83.6	84.1	84.6	85.1	85.6	86.1	86.6
500	78.25	78.88	77.47	77.08	78.10	78.27	79.87	82.21	81.51	81.58	82.93	82.17	88.14	88.4	88.9	89.4	89.9	90.4	90.9	91.4
630	76.91	76.48	75.56	75.82	74.49	77.19	77.28	76.45	77.59	77.68	79.84	78.18	77.94	78.3	78.8	79.3	79.8	80.3	80.8	81.3
800	78.86	82.48	81.34	82.28	82.83	83.81	84.88	85.89	86.81	87.81	88.81	89.81	90.81	91.8	92.3	92.8	93.3	93.8	94.3	94.8
1000	84.27	84.08	83.19	81.06	82.48	81.67	82.89	82.51	83.55	82.74	84.62	82.17	81.89	82.3	82.8	83.3	83.8	84.3	84.8	85.3
1250	83.84	83.48	81.88	83.88	83.87	82.38	83.84	84.21	85.18	84.58	85.88	83.30	81.22	81.6	82.1	82.6	83.1	83.6	84.1	84.6
1600	83.94	83.98	83.82	84.18	83.83	84.32	85.24	85.23	86.81	86.17	86.67	85.38	81.39	81.7	82.2	82.7	83.2	83.7	84.2	84.7
2000	84.18	85.58	84.38	84.38	83.28	84.81	84.32	84.84	85.34	84.85	85.34	84.85	84.36	84.7	85.2	85.7	86.2	86.7	87.2	87.7
2500	84.86	84.51	87.63	86.76	87.37	84.32	84.87	85.43	86.34	86.34	86.79	85.44	82.32	82.7	83.2	83.7	84.2	84.7	85.2	85.7
3150	84.66	87.13	85.18	88.49	89.39	88.78	89.29	89.87	92.38	92.38	92.84	91.44	88.22	88.6	89.1	89.6	90.1	90.6	91.1	91.6
4000	92.95	93.85	91.62	94.47	94.82	96.11	96.77	96.26	96.85	93.35	92.33	89.21	87.74	88.1	88.6	89.1	89.6	90.1	90.6	91.1
5000	85.72	87.85	87.87	88.73	87.88	89.85	88.78	89.28	89.18	88.36	87.44	83.64	81.98	82.3	82.8	83.3	83.8	84.3	84.8	85.3
6300	87.47	89.89	87.47	88.88	88.68	87.44	87.31	88.71	89.78	89.53	88.73	85.58	84.89	85.2	85.7	86.2	86.7	87.2	87.7	88.2
8000	88.32	87.84	88.28	87.19	88.71	87.22	88.34	89.81	89.32	88.44	87.28	84.83	83.13	83.5	84.0	84.5	85.0	85.5	86.0	86.5
10000	89.65	83.56	84.66	84.99	89.121	94.11	84.68	89.73	87.99	88.49	87.81	83.55	81.44	81.8	82.3	82.8	83.3	83.8	84.3	84.8
MEASURED OASPL	99.10	99.71	98.95	99.56	100.5	99.88	101.4	101.1	102.6	101.1	100.8	98.81	98.87	99.17	99.86	100.55	101.14	101.8	102.5	103.2
CALCULATED OASPL	98.17	98.86	97.89	98.75	99.58	99.14	98.69	98.2	98.2	98.4	99.07	96.77	98.29	98.5	99.14	99.73	100.32	100.91	101.5	102.1
PAGE	113.3	114.6	112.7	114.1	114.3	114.8	116.4	115.7	116.3	115.1	114.4	113.3	118.2	118.5	119.1	119.6	120.2	120.7	121.3	121.8

OMPPLI 19413

AMBIENT TEMP. 35.00
 METABULP TEMP. 32.82
 BAR. PRESSURE 26.95
 ABS. HUMIDITY 3.924

SAA EASY/COMPRESSOR - PHASE 5B - S 50 120 1/27/78 R/S 1/12/28-3

RUN#11 R0067 SPEED=6687

DATE: 2/17/77

RACIAL DISTANCE 198

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

ANGLE FROM INLET
10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180

FREQ	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	
20	1.502	-3.88	-4.97	-4.89	-3.41	-3.11	-1.91	-1.83	1.224	-3.71	2.435	3.227	7.519																							
63	1.192	8566	-4.54	-4.14	-3.95	-3.71	-1.95	-1.563	8166	2243	1.949	2.947	7.813																							
87	8937	8.29	-5.93	-5.89	-3.78	-2.81	-1.53	-1.754	8841	4221	2.492	4.133	7.868																							
125	-1.95	-4.15	-7.51	-3.56	-4.15	-1.69	-3.52	-1.23	3718	3.958	4.721	4.628	4.593																							
125	-1.59	-4.22	-6.22	-3.88	-3.69	-1.78	-2.22	-1.768	3727	2.327	4.168	3.864	4.737																							
167	-1.717	-2.93	-3.62	-3.69	-1.93	-1.954	8423	1934	2.848	1.366	2.265	2.358	4.849																							
257	-4.22	-3.31	-3.28	-4.84	-4.72	-4.99	-4.37	-1.56	1.492	1686	4.166	5.739	5.157																							
315	-3.78	-4.61	-2.54	-3.19	-5.24	-4.87	-3.24	-2.79	7184	2.854	3.482	4.484	4.827																							
482	-2.137	-1.31	-2.13	-2.92	-4.39	-2.52	-1.92	16885	1.502	1.935	3.722	4.214	3.179																							
582	-1.61	-1.783	-2.19	-2.64	-1.48	-1.889	-1.295	3471	1.849	1.837	3.288	2.582	4.743																							
632	1.199	1.293	-1.22	-1.954	-1.282	4238	5197	-1.286	6167	1.119	2.273	1.414	2.759																							
828	1.119	2.327	3.866	-1.37	-2.54	-1.54	-1.48	-1.54	1.484	1.762	2.619	1.787	1.152																							
1282	1.711	2.124	6.914	-1.982	-1.356	-1.882	-1.465	-1.051	1.992	1.838	2.888	1.112	1.684																							
1282	1.719	1.927	3.198	-1.735	-1.896	-1.878	-1.883	-1.498	1.228	1.748	2.432	1.839	2.253																							
1682	1.588	1.458	-1.921	-1.262	-1.617	-1.21	1.7947	1.509	1.725	1.637	1.037	1.14	1.816																							
2682	1.287	1.188	-1.872	-1.875	-1.524	-1.471	-1.149	-1.675	2.312	1.393	1.717	1.51	1.419																							
2582	-1.182	-1.58	1.743	1.071	1.285	-1.77	-2.82	-1.657	2.248	2.254	2.781	1.22	3.76																							
3152	-1.188	-1.69	3.281	1.822	1.923	2.663	-2.47	2.612	2.681	1.373	1.12	1.24	1.971																							
4802	-1.983	1.599	-1.85	1.822	1.923	2.663	-2.47	2.612	2.681	1.373	1.12	1.24	1.971																							
8802	-1.84	-1.589	-1.92	-1.832	-1.524	-1.467	1.487	1.233	1.723	1.488	1.683	1.992	1.22																							
6382	-1.67	-1.85	-1.07	-1.343	-1.534	-1.78	-1.84	1.585	3.438	3.484	3.884	1.56	1.895																							
8882	1.893	1.592	1.282	-1.84	2.478	-1.81	-1.188	-1.732	1.282	2.288	1.288	1.288	1.288																							
12702	-1.147	-2.24	-1.12	-1.813	3.419	-1.69	-1.12	-1.874	2.107	2.693	1.213	1.213	1.213																							

AMBIENT TEMP. 35.02
 RETURN TEMP. 32.28
 BAR. PRESSURE 28.95
 ABS. HUMIDITY 3.976
 FAA FAN COMPRESSOR - PHASE 98 + 5C T/D 1/27/78 R/D 1/30/78-3
 #UN=11 #CG=67 SPEED=660

DATE: 2/21/70

RADIAL DISTANCE 192

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

ANGLES FROM INLET

FREQ.	2.0	18.0	27.2	32.2	40.2	50.2	AK.E	72.2	80.2	92.2	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	
50	78.52	73.93	72.52	72.49	74.25	74.88	74.97	76.41	78.87	77.19	80.49	81.17	85.44	136.9						
63	82.35	76.67	74.29	73.57	74.25	74.42	75.75	76.69	78.48	78.64	81.40	82.36	85.79	132.9						
80	72.30	72.22	73.91	72.91	73.84	74.64	74.88	76.88	78.81	78.37	81.17	82.28	85.15	131.4						
100	75.57	73.19	73.64	74.38	75.91	76.49	77.14	77.73	78.99	79.89	81.71	82.63	85.25	131.9						
125	74.29	73.93	75.87	75.75	78.12	81.34	81.21	79.19	82.81	82.81	84.48	85.84	84.22	134.4						
160	73.66	72.23	71.71	70.72	71.95	73.35	74.39	75.13	76.52	76.18	77.60	78.99	79.53	128.4						
200	72.56	70.12	69.84	68.54	68.51	72.28	72.52	74.98	76.73	76.63	78.81	78.28	78.51	133.2						
250	69.54	69.53	72.16	69.99	68.31	67.69	68.84	71.18	73.16	74.88	76.95	77.39	78.19	126.2						
315	74.95	74.29	75.59	74.64	73.23	74.41	74.26	77.93	79.46	81.74	84.61	83.84	83.47	133.4						
400	70.43	70.51	70.80	70.12	77.04	78.36	79.89	82.94	83.94	85.64	85.79	85.99	85.87	139.4						
500	72.45	70.87	70.38	70.45	70.88	72.97	74.73	76.32	78.17	83.69	84.87	84.30	82.84	132.4						
630	76.17	76.91	75.05	74.73	77.98	78.87	78.82	79.79	79.71	80.83	80.87	79.84	78.87	132.3						
800	71.37	81.81	81.14	81.18	78.85	78.12	79.54	81.15	82.19	82.48	83.36	82.33	80.81	137.4						
1000	84.12	84.82	83.44	83.84	82.98	82.52	82.91	83.50	84.44	83.99	85.07	83.82	82.69	137.4						
1250	83.34	83.71	84.42	83.57	84.39	83.64	83.78	84.43	84.34	84.85	84.83	83.34	81.43	138.3						
1600	84.73	86.31	83.93	84.29	84.83	84.64	85.43	85.65	86.84	86.73	84.51	82.94	82.15	139.3						
2000	83.16	87.49	84.47	84.54	83.84	83.13	84.34	84.25	84.73	84.33	84.51	82.84	82.12	138.1						
2500	85.29	84.98	87.59	86.21	87.22	84.46	84.36	85.77	86.96	88.03	89.09	83.16	82.51	140.9						
3150	89.22	87.55	89.14	89.43	89.43	85.15	89.43	92.71	92.81	92.71	92.81	91.24	85.36	144.2						
4000	93.49	94.37	92.21	94.45	94.99	97.69	95.43	100.4	95.64	94.68	91.88	88.38	86.83	147.4						
5000	82.49	82.21	82.88	82.71	83.52	83.33	81.49	82.14	82.14	82.14	82.14	82.14	82.14	142.4						
6300	82.25	83.69	87.59	89.35	90.75	87.19	86.24	90.89	93.12	90.95	89.32	85.95	84.87	145.1						
8000	80.82	87.37	87.43	87.43	87.43	87.43	87.43	87.43	87.43	87.43	87.43	87.43	87.43	145.9						
10000	86.72	84.61	85.97	86.35	91.91	83.89	85.95	87.16	89.35	89.31	89.31	86.89	82.83	148.6						

MEASURED CASPL
 CALCULATED CASPL
 PVDB

AIRIET TEMP. 35.00
 MET-BULB TEMP. 32.00
 BAR. PRESSURE 28.95
 ABS. HUMIDITY 3.974

FAL FAU/COMPRESSOR - PHASE 52.0.52 I/D 1.27270 R/D 1.23772-3

RUN#11 SOUNDS SPEED#6922

04PHL1 155.7

RACIAL DISTANCE 152

DATE: 2/1/72

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	2.2	10.2	22.2	32.2	40.2	50.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	
100	-1.64	-5.29	-2.13	-3.16	-3.53	-2.65	-1.22	-453A	-423	-2.88	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54
125	1.494	1.287	-4.3	-4.96	-4.31	-4.13	-2.03	-1.66	-0.76	-0.30	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32
160	0.632	0.87	-4.06	-3.88	-4.35	-3.35	-1.91	-1.82	-1.58	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46
200	-2.89	-3.27	-5.02	-4.15	-2.94	-1.97	-1.32	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
250	-4.28	-4.64	-4.7	-2.83	-4.54	-4.659	-3.44	-1.38	-3.88	-1.21	-1.21	-1.21	-1.21	-1.21	-1.21	-1.21	-1.21	-1.21	-1.21	-1.21	-1.21
315	-1.18	-2.63	-3.14	-4.14	-3.21	-1.50	-4.62	-2.63	1.662	1.662	1.662	1.662	1.662	1.662	1.662	1.662	1.662	1.662	1.662	1.662	1.662
400	0.831	-1.49	-1.75	-2.63	-3.88	-1.38	-1.37	-1.081	1.445	1.445	1.445	1.445	1.445	1.445	1.445	1.445	1.445	1.445	1.445	1.445	1.445
500	-2.95	-2.97	-2.32	-3.54	-4.18	-4.79	-3.65	-1.39	-0.615	1.583	4.851	4.851	4.851	4.851	4.851	4.851	4.851	4.851	4.851	4.851	4.851
630	-2.29	-1.14	-3.86	-2.48	-5.51	-4.84	-1.49	-1.31	-1.889	2.488	4.328	4.328	4.328	4.328	4.328	4.328	4.328	4.328	4.328	4.328	4.328
800	-2.27	-1.64	-1.53	-3.87	-1.52	-1.52	-1.86	-0.83	-0.83	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167
1000	-1.62	-1.42	-2.46	-1.99	-3.49	-2.91	-3.939	-0.722	1.388	1.388	1.388	1.388	1.388	1.388	1.388	1.388	1.388	1.388	1.388	1.388	1.388
1250	-2.22	-1.246	-3.802	-1.32	-2.52	-1.45	-1.83	-0.83	-0.83	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167
1600	-1.654	-1.547	-1.651	-1.42	-2.79	-1.76	-3.46	-1.76	-1.76	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167
2000	-1.74	-1.485	-1.977	-0.611	-1.78	-1.264	-3.444	-1.78	-1.78	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167
2500	-2.385	-0.529	-1.374	-0.616	-1.84	-0.682	-2.288	-0.682	-0.682	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167
3150	-1.687	-1.41	-1.912	-0.284	-1.634	-1.73	-1.81	-1.81	-1.81	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167
4000	-1.328	-1.59	-1.692	-1.873	-1.849	-1.89	-1.28	-1.366	-1.366	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167
5000	-1.69	-1.01	-3.18	-0.928	-1.917	-2.318	-2.91	-2.91	-2.91	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167
6300	-2.38	-1.15	-2.81	-1.16	-1.664	-2.472	-3.74	-4.91	-4.91	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167
8000	-1.758	-3.38	-1.48	-3.587	-1.751	-1.81	-1.754	-1.81	-1.81	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167
10000	-1.683	-1.53	-1.48	-1.46	-1.583	-1.74	-2.14	-2.228	-2.228	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167
12000	-1.743	-2.86	-1.89	-1.12	-4.446	-2.57	-1.91	-2.06	-1.078	1.653	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167	2.167

AIRIE-T IE24 35.22
 METEOR. TEMP: 32.82
 BAR. PRESSURE 24.95
 ABS. HUMIDITY 3.976

FAA CA/COMPRESSOR - PHASE 58 + 5C T/D 1/27/72 3/0 1/3/78-3

QUICK RD4000 SPEED4000

DATE: 2/4/77

RADIAL DISTANCE 152

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	32.2	48.2	64.2	80.2	96.2	112.2	128.2	144.2	160.2	176.2	192.2	208.2	224.2	240.2	256.2	272.2	288.2	304.2	320.2	336.2	352.2	368.2	384.2	400.2	416.2	432.2	448.2	464.2	480.2	496.2	512.2	528.2	544.2	560.2	576.2	592.2	608.2	624.2	640.2	656.2	672.2	688.2	704.2	720.2	736.2	752.2	768.2	784.2	800.2	816.2	832.2	848.2	864.2	880.2	896.2	912.2	928.2	944.2	960.2	976.2	992.2	1008.2	1024.2	1040.2	1056.2	1072.2	1088.2	1104.2	1120.2	1136.2	1152.2	1168.2	1184.2	1200.2	1216.2	1232.2	1248.2	1264.2	1280.2	1296.2	1312.2	1328.2	1344.2	1360.2	1376.2	1392.2	1408.2	1424.2	1440.2	1456.2	1472.2	1488.2	1504.2	1520.2	1536.2	1552.2	1568.2	1584.2	1600.2	1616.2	1632.2	1648.2	1664.2	1680.2	1696.2	1712.2	1728.2	1744.2	1760.2	1776.2	1792.2	1808.2	1824.2	1840.2	1856.2	1872.2	1888.2	1904.2	1920.2	1936.2	1952.2	1968.2	1984.2	2000.2																																
	-2.61	-2.32	-2.59	-1.91	-1.819	-1.617	-1.351	-2.843	-1.564	-2.972	-1.739	-1.49	-3.349	-2.23	-2.23	-1.39	-1.897	-1.45	-2.947	-1.321	-2.288	-1.722	-1.113	-2.111	-1.69	-3.09	-2.48	-1.34	-1.841	-1.588	-3.04	-3.124	-3.12	-2.153	-1.829	-2.55	-2.489	-1.778	-1.645	-2.264	-1.325	-3.572	-3.936	-1.719	-1.945	-2.738	-1.18	-1.889	-2.131	-2.222	-2.414	-1.83	-1.885	-1.41	-2.337	-3.972	-1.269	-1.404	-3.094	-1.122	-2.222	-2.625	-1.218	-2.124	-1.239	-3.268	-1.42	-1.724	-2.245	-2.034	-2.491	-2.729	-2.42	-2.589	-2.727	-2.733	-1.553	-3.247	-1.695	-2.082	-1.14	-2.412	-1.929	-1.41	-1.811	-1.634	-1.611	-2.833	-1.449	-2.19	-1.238	-1.966	-2.282	-1.194	-1.25	-2.893	-1.519	-1.555	-2.286	-1.268	-1.54	-1.372	-2.328	-2.327	-2.894	-1.958	-2.14	-2.371	-2.342	-2.321	-2.175	-3.177	-2.52	-1.793	-2.639	-1.783	-1.222	-2.16	-2.73	-1.35	-3.699	-2.424	-1.428	-3.11	-2.135	-1.13	-3.749	-2.499	-1.322	-1.44	-2.86	-1.22	-3.289	-2.468	-2.739	-1.484	-2.51	-3.74	-1.91	-4.31	-1.813	-3.669	-2.31	-2.44	-4.43	-2.482	-1.73	-2.193	-3.18	-2.91	-4.216	-3.886	-1.489	-1.979	-1.14	-3.48

AMBIENT TEMP. 32.82
 WET-BULB TEMP. 26.49
 BAR. PRESSURE 28.09
 ABS. HUMIDITY 2.32

FAA FAN/COMPRESSOR - PHASE 5B + 5C 7/3 1/38/72 2/3 2/3/75-3

RUVELL RD 0069 SPEED=9800

DATE: 2/7/77

RADIAL DISTANCE 190

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT SEA DATA DAY

FREQ	2.2	12.2	22.2	32.2	42.1	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2				
52	76.51	74.47	72.43	72.88	71.62	70.14	72.97	74.77	73.24	74.39	74.62	79.33	72.17	73.37	73.25	74.49	75.29	78.95	126.6	126.6	126.6			
63	74.48	77.86	71.79	72.41	72.53	72.88	71.84	73.26	72.56	71.89	71.97	78.42	73.29	73.87	73.22	75.27	76.29	78.79	125.9	125.9	125.9	125.9		
82	72.68	71.37	72.20	72.63	68.99	69.75	72.93	72.71	73.24	71.22	74.74	77.23	72.35	72.29	72.39	72.28	73.51	75.12	123.6	123.6	123.6	123.6		
102	71.98	72.25	68.46	68.25	68.28	73.23	68.43	67.25	67.44	67.45	67.25	68.94	62.17	64.86	64.84	64.84	68.93	66.27	67.44	123.4	123.4	123.4	123.4	
152	69.74	69.65	67.44	67.45	67.25	68.94	72.44	71.67	72.58	69.67	67.25	67.44	72.83	73.88	74.44	73.41	75.61	74.93	127.5	127.5	127.5	127.5	127.5	
202	67.97	68.16	67.31	66.29	64.18	65.63	71.99	73.79	73.36	71.69	78.48	71.29	74.72	72.77	72.77	72.77	72.77	72.77	72.77	127.5	127.5	127.5	127.5	127.5
252	71.24	72.17	71.65	71.52	73.27	73.55	71.32	72.98	71.67	71.25	72.56	73.84	72.42	74.29	74.63	75.25	74.29	74.29	74.29	127.5	127.5	127.5	127.5	127.5
302	74.75	72.63	75.93	74.24	73.43	72.18	79.48	82.18	79.83	77.71	78.54	77.89	78.71	82.82	80.17	80.97	79.32	76.54	132.6	132.6	132.6	132.6	132.6	
352	78.16	82.59	82.62	79.41	88.37	77.63	88.23	82.71	82.59	83.42	81.28	78.69	82.15	83.13	82.74	82.16	79.64	77.35	134.3	134.3	134.3	134.3	134.3	
402	88.15	82.87	79.63	79.59	79.97	78.87	88.31	91.96	82.67	82.31	79.36	79.32	82.83	82.49	82.82	82.82	82.82	82.82	134.3	134.3	134.3	134.3	134.3	
452	88.95	88.74	87.58	88.48	82.88	81.88	88.95	91.96	82.67	82.31	79.36	79.32	82.83	82.49	82.82	82.82	82.82	82.82	134.3	134.3	134.3	134.3	134.3	
502	87.27	86.48	85.69	87.25	87.33	84.97	81.49	82.69	82.69	81.41	83.12	79.18	82.72	84.93	84.25	83.27	81.75	78.14	138.6	138.6	138.6	138.6	138.6	
552	85.98	85.27	84.62	84.28	86.96	84.47	84.41	85.81	83.75	84.36	87.44	81.69	84.96	88.92	88.75	86.31	81.92	82.63	141.4	141.4	141.4	141.4	141.4	
602	84.61	85.81	83.75	84.36	87.44	81.69	84.65	83.95	83.45	84.56	88.99	82.98	84.62	84.92	85.14	83.78	82.38	86.34	141.4	141.4	141.4	141.4	141.4	
652	95.53	95.52	94.42	95.22	95.99	93.67	95.66	98.66	97.92	96.21	93.59	93.56	95.66	98.66	97.92	96.21	93.59	93.56	158.4	158.4	158.4	158.4	158.4	
702	95.21	95.13	94.84	94.95	96.29	93.68	95.31	98.13	97.62	95.74	93.13	92.85	95.31	98.13	97.62	95.74	93.13	92.85	158.4	158.4	158.4	158.4	158.4	
752	129.7	129.7	129.7	129.7	129.7	128.3	129.7	129.7	129.7	129.7	128.3	129.7	129.7	129.7	129.7	129.7	128.3	129.7	158.4	158.4	158.4	158.4	158.4	

AMBIENT TEMP. 32.02
 REFERENCE TEMP. 20.49
 BAR. PRESSURE 26.99
 ABS. HUMIDITY 2.312

FAA FAN/COMPRESSOR - PHASE 3B - 2C - 1/2 1/3 1/3 1/3 1/3 1/3

RUNS: 921092 SPEED: 5337

MEASURED CASPL
 CALCULATED CASPL
 PADS

DATE: 2/4/77

PAGE: 2

RADIAL DISTANCE 192

SOIL PRESSURE LEVELS DIRECTIVE INDEX

FREQ.	2.2	12.2	20.2	32.2	41.2	52.2	62.2	72.2	82.2	92.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2
52	3.233	4.629	5.947	7.224	8.441	9.684	10.854	12.034	13.214	14.394	15.574	16.754	17.934	19.114	20.294	21.474	22.654	23.834
63	1.483	1.657	1.831	2.005	2.179	2.353	2.527	2.701	2.875	3.049	3.223	3.397	3.571	3.745	3.919	4.093	4.267	4.441
80	1.786	2.115	2.444	2.773	3.102	3.431	3.760	4.089	4.418	4.747	5.076	5.405	5.734	6.063	6.392	6.721	7.050	7.379
125	2.522	3.122	3.722	4.322	4.922	5.522	6.122	6.722	7.322	7.922	8.522	9.122	9.722	10.322	10.922	11.522	12.122	12.722
162	3.387	4.141	4.895	5.649	6.403	7.157	7.911	8.665	9.419	10.173	10.927	11.681	12.435	13.189	13.943	14.697	15.451	16.205
232	4.123	5.022	5.921	6.820	7.719	8.618	9.517	10.416	11.315	12.214	13.113	14.012	14.911	15.810	16.709	17.608	18.507	19.406
250	3.214	3.422	3.630	3.838	4.046	4.254	4.462	4.670	4.878	5.086	5.294	5.502	5.710	5.918	6.126	6.334	6.542	6.750
312	1.842	2.098	2.354	2.610	2.866	3.122	3.378	3.634	3.890	4.146	4.402	4.658	4.914	5.170	5.426	5.682	5.938	6.194
426	2.378	2.818	3.258	3.698	4.138	4.578	5.018	5.458	5.898	6.338	6.778	7.218	7.658	8.098	8.538	8.978	9.418	9.858
522	2.242	2.566	2.890	3.214	3.538	3.862	4.186	4.510	4.834	5.158	5.482	5.806	6.130	6.454	6.778	7.102	7.426	7.750
632	2.117	2.425	2.733	3.041	3.349	3.657	3.965	4.273	4.581	4.889	5.197	5.505	5.813	6.121	6.429	6.737	7.045	7.353
828	2.242	2.566	2.890	3.214	3.538	3.862	4.186	4.510	4.834	5.158	5.482	5.806	6.130	6.454	6.778	7.102	7.426	7.750
1202	1.220	1.733	2.246	2.759	3.272	3.785	4.298	4.811	5.324	5.837	6.350	6.863	7.376	7.889	8.402	8.915	9.428	9.941
1250	2.276	2.788	3.300	3.812	4.324	4.836	5.348	5.860	6.372	6.884	7.396	7.908	8.420	8.932	9.444	9.956	10.468	10.980
1482	2.337	2.849	3.361	3.873	4.385	4.897	5.409	5.921	6.433	6.945	7.457	7.969	8.481	8.993	9.505	10.017	10.529	11.041
2002	4.947	5.725	6.503	7.281	8.059	8.837	9.615	10.393	11.171	11.949	12.727	13.505	14.283	15.061	15.839	16.617	17.395	18.173
2502	5.914	6.729	7.544	8.359	9.174	9.989	10.804	11.619	12.434	13.249	14.064	14.879	15.694	16.509	17.324	18.139	18.954	19.769
3122	4.212	4.721	5.230	5.739	6.248	6.757	7.266	7.775	8.284	8.793	9.302	9.811	10.320	10.829	11.338	11.847	12.356	12.865
4002	4.242	4.419	4.596	4.773	4.950	5.127	5.304	5.481	5.658	5.835	6.012	6.189	6.366	6.543	6.720	6.897	7.074	7.251
5002	4.122	4.482	4.842	5.202	5.562	5.922	6.282	6.642	7.002	7.362	7.722	8.082	8.442	8.802	9.162	9.522	9.882	10.242
6302	6.538	7.674	8.810	9.946	11.082	12.218	13.354	14.490	15.626	16.762	17.898	19.034	20.170	21.306	22.442	23.578	24.714	25.850
8022	2.851	3.424	3.997	4.570	5.143	5.716	6.289	6.862	7.435	8.008	8.581	9.154	9.727	10.300	10.873	11.446	12.019	12.592
10222	4.762	5.319	5.876	6.433	6.990	7.547	8.104	8.661	9.218	9.775	10.332	10.889	11.446	12.003	12.560	13.117	13.674	14.231

AMBIENT TEMP. 32.22
 MET-BULB TEMP. 26.49
 BAR. PRESSURE 24.92
 ABS. HUMIDITY 2.312

FAA FA/C/COMPRESSOR - PHASE SR + SC Y/C 1/32772 R/C 2/3/77-3
 RUN#11 R00#92 SPEED#5522

DATE: 2/24/77

RADIAL DISTANCE 156

PAGE 1

SOURCE PRESSURE LEVELS REDUCED AT STA. CAP. TAV

FRSQ.	2.2	10.2	22.2	32.2	40.2	50.2	60.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	(PHL)
52	74.29	72.83	68.48	69.25	71.68	72.85	73.21	74.59	72.22	73.81	75.88	78.52	124.3						
63	71.17	76.49	58.17	69.49	71.67	71.79	72.64	75.58	73.43	74.31	75.69	79.19	126.5						
82	74.87	68.25	67.64	67.98	70.49	71.24	72.83	74.29	73.54	74.18	74.28	78.79	127.8						
102	78.95	69.52	66.67	68.19	70.35	71.61	73.99	77.58	77.29	77.39	78.29	79.56	127.7						
125	83.68	62.97	65.57	67.68	68.44	73.47	71.88	74.15	73.76	74.48	75.84	77.81	123.6						
162	68.96	66.92	66.29	65.39	68.13	69.64	71.11	73.33	73.12	72.91	74.28	75.29	124.8						
202	65.78	68.97	65.59	66.83	69.37	71.24	65.82	72.94	74.12	73.11	73.11	73.32	123.5						
252	65.65	66.59	65.52	65.47	64.57	64.63	65.74	67.31	67.56	67.71	69.58	70.69	119.8						
312	78.18	71.61	72.28	69.88	67.24	67.68	68.37	70.62	72.59	71.81	73.87	74.21	123.2						
482	73.33	73.89	73.97	73.56	70.63	71.98	73.29	74.51	75.02	75.22	76.82	76.71	127.2						
582	72.54	73.87	72.54	73.24	73.23	74.43	75.68	76.61	77.18	77.49	78.34	78.65	128.7						
682	71.68	72.46	71.28	71.69	73.99	74.13	74.52	76.18	77.45	77.27	77.82	79.79	126.1						
882	74.38	78.35	76.40	74.58	72.58	72.41	72.73	74.25	74.53	74.89	74.83	78.47	128.8						
1082	86.32	88.74	79.61	76.47	79.11	78.84	73.44	81.42	82.87	82.79	81.11	78.73	133.2						
1288	88.25	81.61	88.82	85.18	88.32	78.24	82.68	83.82	83.32	83.26	82.30	78.24	135.9						
1588	88.92	81.33	88.73	85.05	81.73	89.17	82.57	82.98	82.34	81.95	79.31	72.46	135.1						
2082	88.84	88.98	78.25	88.42	88.74	78.25	81.27	83.28	81.91	81.65	77.88	77.12	142.4						
2582	88.03	82.86	81.28	81.64	79.79	84.48	84.49	85.73	87.42	82.35	82.58	82.43	145.1						
3182	88.12	86.73	83.23	84.61	85.21	83.44	89.76	89.99	91.54	91.91	86.82	86.28	138.7						
4082	88.41	89.95	89.47	91.17	90.23	88.99	87.52	89.22	89.55	89.14	82.21	78.22	142.1						
5082	88.61	89.25	83.59	85.17	85.12	84.64	85.15	87.41	85.94	84.58	80.74	80.32	143.9						
6082	88.82	83.33	88.28	88.88	88.83	83.12	88.68	88.61	89.50	87.58	84.35	82.47	142.4						
10202	85.77	84.79	94.52	84.73	88.71	82.29	83.74	85.84	85.08	83.47	82.77	82.27							
MEASURED GASPL	95.89	95.66	94.96	95.95	96.25	94.56	96.82	98.61	97.37	96.82	94.89	93.82							
CALCULATED GASPL	93.72	93.82	94.75	95.72	96.18	94.19	96.81	98.29	97.45	96.53	93.50	93.21							
	118.5	119.3	129.6	118.8	118.5	189.3	112.5	113.5	111.9	111.6	108.3	127.7							

3AP.1 137.8

AMBIENT TEMP. 32.88
 MET-BULB TEMP. 26.29
 BAR. PRESSURE 28.99
 ABS. HUMIDITY 2.312

FAA. FAN/COMPRESSOR - PHASE 2B & 2C T/D 1/30/72 R/D 2/3/78-3

RUN#11 SPEED#5751

DATE: 2/24/70

RADIAL DISTANCE 152

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	3.0	12.0	22.0	38.0	62.0	72.0	82.0	92.0	102.0	112.0	122.0	132.0	142.0	152.0	162.0	172.0	182.0
40	1.891	-2.17	-4.53	-3.75	-1.33	-0.922											
50	-1.793	3.183	-5.22	-3.61	-1.51	-1.32											
60	2.11	-3.34	-4.73	-4.28	-2.89	-2.82											
80	-3.23	-4.69	-7.35	-6.83	-3.87	-2.86											
100	-2.39	-5.11	-5.51	-4.48	-2.61	-1.394											
120	-3.49	-3.51	-4.36	-4.27	-2.32	-0.837											
140	3.378	-1.21	-4.28	-4.14	-2.11	-1.482											
160	-3.86	-5.97	-5.82	-5.95	-1.87	-1.48											
200	4.226	-1.83	-3.38	-2.79	-2.52	-2.16											
315	0.13	0.98	0.474	0.344	-2.69	-1.39											
400	2.23	-3.21	-2.24	-2.51	-1.22	-0.39											
630	3.44	-1.66	-2.84	-2.43	-1.28	-0.99											
800	1.82	4.18	2.53	2.53	1.38	1.23											
1000	1.797	6.678	0.478	1.632	0.142												
1200	2.181	1.395	7.517	6.943	0.148												
1600	1.57	2.098	-3.12	0.111	0.892	0.866											
2000	4.728	4.283	5.517	1.484	4.633	2.272											
2500	5.918	2.917	9.432	6.971	0.553	1.483											
3120	6.871	1.389	0.122	1.109	-1.74	0.457											
4000	5.731	1.874	-3.86	1.334	3.868	0.843											
5000	2.139	-1.62	-1.71	-0.41	1.689	0.211											
6300	4.139	2.991	-4.12	1.187	1.126	0.487											
8000	1.588	-2.82	-4.54	4.472	2.411	-3.23											
10000	1.689	7.226	4.269	6.563	4.631	-1.78											

C-7

AMBIENT TEMP. 32.62
 MET-B-18 TEMP. 26.49
 BAR. PRESSURE 24.99
 ABS. HUMIDITY 2.512

FAA FAN/COMPRESSOR - PHASE 9B + 9C Y/D 1/38/77 R/D 2/3/79-3

JUN011 R00091 SPEED=5750

RADIAL DISTANCE 130

DATE: 2/24/70

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INFLT								120.2				
	0.2	10.2	22.2	34.2	46.2	58.2	70.2	82.2					
52	74.19	75.72	72.59	72.28	73.47	74.88	74.31	74.28	74.14	77.24	78.43	82.84	128.2
63	71.53	70.28	72.84	72.75	72.77	74.31	74.26	75.58	74.09	77.22	78.22	82.37	128.2
88	70.18	73.22	78.88	73.82	71.27	72.70	73.77	78.19	78.83	78.87	78.83	78.88	129.4
100	71.56	73.56	71.61	72.21	72.09	74.81	75.37	77.54	78.28	79.74	82.61	81.27	129.2
125	70.18	72.36	68.28	70.25	71.19	75.19	73.39	74.91	74.85	76.39	77.43	79.19	129.1
160	67.84	70.46	67.07	68.18	69.15	71.61	72.24	73.97	73.52	74.39	75.12	76.12	129.8
200	67.78	68.48	73.88	68.07	71.31	71.78	71.94	72.48	73.24	73.28	74.47	75.27	121.8
280	68.58	68.98	68.41	67.82	68.19	67.82	67.54	68.83	68.80	70.24	71.92	72.75	125.4
312	70.23	73.14	72.68	71.73	68.47	72.39	71.52	72.08	73.44	73.77	73.33	73.79	128.7
400	74.78	75.33	74.92	74.69	72.77	73.69	73.86	76.11	76.63	76.81	78.87	78.15	128.9
500	74.23	74.82	73.37	73.87	75.11	75.58	74.28	77.23	78.28	78.78	78.69	77.81	128.5
632	70.18	73.14	72.82	72.89	73.61	74.89	74.54	76.37	77.29	77.39	77.14	76.93	128.4
800	74.23	73.18	78.32	75.63	74.43	74.18	74.28	78.87	78.65	78.87	78.18	78.27	130.1
1000	82.38	81.90	82.78	80.79	81.37	79.71	80.37	81.65	81.95	82.21	82.29	78.61	136.5
1350	81.37	82.18	82.45	82.54	81.61	75.94	80.82	82.39	82.17	82.16	82.48	79.44	134.9
1600	82.62	83.88	83.46	81.89	82.62	81.12	83.16	84.83	84.52	84.88	81.18	79.45	134.8
2000	82.44	82.54	82.88	81.17	82.85	78.73	83.37	83.39	83.47	83.31	82.53	78.59	136.2
2500	82.63	84.92	83.34	81.76	81.12	81.93	82.21	83.74	82.98	82.11	77.82	78.42	140.2
3100	80.31	82.74	84.28	84.19	83.18	85.28	84.83	85.25	87.24	85.80	83.38	82.55	147.2
4000	91.62	91.82	92.28	93.14	93.04	89.98	93.69	95.91	94.33	91.39	88.81	87.62	139.2
5000	83.43	82.33	82.84	82.43	83.47	82.41	87.80	88.13	86.84	83.44	83.82	79.44	141.1
6300	85.17	85.99	85.11	85.99	86.88	86.81	86.94	88.72	87.24	84.27	82.22	81.49	143.6
8000	88.33	84.82	82.31	84.82	82.71	82.88	86.87	88.12	88.44	87.88	85.14	81.21	143.6
10000	86.84	85.76	88.18	84.15	86.22	83.68	84.52	89.15	87.41	84.88	84.25	81.58	142.9
MEASURED CASPL	97.18	97.14	97.11	96.99	97.58	95.78	97.98	99.67	98.89	97.34	95.42	95.22	
CALCULATED CASPL	94.62	94.42	94.67	94.59	97.45	95.49	97.45	99.22	98.56	96.74	94.78	94.14	
PNDB	111.6	111.8	111.9	112.1	112.4	118.3	112.9	114.8	113.9	111.9	109.6	108.9	

JAPL1

151.0

AMBIENT TEMP. 33.8C
 METEOROLOGICAL TEMP. 27.49
 BAR. PRESSURE 29.99
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 20 - 5C - 1/D 1/3R/7E R/D 2/3/72-3

RUN#11

R0092

SPEEDS6000

DATE: 2/24/77

RADIAL DISTANCE 152

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SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	10.0	12.0	15.0	20.0	25.0	32.0	40.0	50.0	63.0	80.0	100.0	125.0	160.0	200.0	250.0	315.0	400.0	500.0	630.0	800.0	1000.0	1250.0	1600.0	2000.0	2500.0	3150.0	4000.0	5000.0	6300.0	8000.0	10000.0		
	1.72	1.67	2.31	2.62	1.23	1.42	1.58	1.35	1.34	1.35	1.34	1.35	1.34	1.35	1.34	1.35	1.34	1.35	1.34	1.35	1.34	1.35	1.34	1.35	1.34	1.35	1.34	1.35	1.34	1.35	1.34		
52	3.68	3.47	2.77	2.66	2.24	1.99	1.83	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	
63	3.53	3.41	3.07	2.74	2.49	2.18	1.98	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	
80	4.52	2.32	4.07	3.67	3.19	2.87	2.63	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	
100	3.47	1.26	4.34	3.39	2.55	2.14	1.94	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	
125	4.46	1.05	3.55	3.33	2.37	1.98	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	
160	3.63	1.69	2.87	2.61	2.19	1.88	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78
200	2.69	1.88	3.39	2.49	1.88	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87
250	3.59	1.38	3.55	2.87	2.34	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14
315	1.83	1.89	1.21	1.19	1.19	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
400	1.37	1.82	2.23	1.73	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58
500	1.24	1.83	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81
630	2.57	2.19	1.93	1.88	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87
800	1.23	2.24	1.78	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
1000	1.92	1.82	1.48	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
1250	1.23	1.12	1.73	1.22	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18
1600	1.59	1.81	1.84	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87
2000	1.36	2.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84
2500	1.29	1.89	1.97	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28
3150	1.11	1.19	1.76	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24
4000	1.93	1.94	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14
5000	1.74	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84
6300	1.42	1.14	1.94	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77

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AMBIENT TEMP. 31.88
 METEOROL. TEMP. 27.49
 BAR. PRESSURE 28.82
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5B - 5C 7/D 1/32/76 R/D 2/3/77-3

RUN#11 AC8092 SPEED=6030

DATE: 2/24/72

RADIAL DISTANCE 152

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ:	2.2	1.0	2.2	5.0	10.0	20.0	50.0	100.0	150.0	200.0	300.0	400.0	500.0	600.0	800.0	1000.0	1500.0	2000.0	3000.0	4000.0	5000.0	6000.0	8000.0	10000.0	
50	75.44	73.74	73.15	74.42	74.81	73.94	75.39	77.33	75.08	74.08	79.38	82.59	129.1												
63	74.98	77.59	72.55	74.25	73.89	73.82	74.94	76.89	76.23	77.17	79.56	82.37	129.0												
80	74.84	71.83	71.54	72.83	72.89	72.72	74.48	76.35	74.82	76.78	78.97	81.83	128.2												
100	74.81	72.94	72.12	75.11	74.27	74.73	75.77	78.18	80.31	78.97	81.39	82.11	139.2												
125	72.93	71.47	72.82	72.28	72.33	74.58	74.85	74.52	76.24	74.88	78.78	81.22	128.3												
160	68.43	69.21	69.40	70.19	70.29	71.24	73.18	74.58	74.53	74.48	75.92	77.61	125.9												
200	67.83	71.48	68.86	68.93	68.93	68.28	72.83	73.53	73.46	72.91	74.54	74.82	124.5												
250	63.33	65.94	65.68	65.75	63.69	63.78	68.25	70.33	71.44	70.84	72.86	75.24	124.5												
315	71.12	73.37	73.18	72.32	72.81	72.75	72.58	74.14	74.98	73.87	75.38	78.78	122.1												
400	74.93	74.14	75.35	75.31	72.87	74.42	75.93	77.74	78.46	78.35	79.93	88.63	139.8												
500	75.15	74.48	74.28	75.28	75.68	74.23	77.21	78.79	79.66	79.24	79.88	79.12	135.8												
630	74.49	74.68	73.25	73.99	74.49	75.36	75.76	77.34	78.84	78.16	77.27	77.64	129.3												
800	74.94	74.84	74.34	74.28	74.82	75.21	75.53	77.08	77.48	77.39	77.24	77.94	138.3												
1000	82.99	82.81	81.18	79.92	80.19	79.93	82.08	84.92	85.49	85.88	81.56	81.75	135.5												
1250	82.07	82.83	82.95	81.28	82.28	82.17	83.32	84.53	84.28	84.54	80.84	81.57	137.1												
1600	83.22	82.91	83.31	82.64	83.87	81.48	83.91	84.92	85.49	85.88	81.56	81.75	137.1												
2000	83.33	82.74	82.75	82.42	82.52	82.89	84.18	84.53	84.28	84.54	80.84	81.57	138.3												
2500	84.91	87.16	86.78	82.16	85.72	84.38	84.54	85.81	84.27	83.34	78.39	88.61	137.2												
3150	91.09	90.25	92.77	93.99	95.03	93.83	92.16	93.92	93.89	92.66	69.34	88.61	142.9												
4000	83.98	82.52	84.82	83.78	83.19	82.73	84.54	85.81	84.27	83.34	78.39	88.61	137.2												
5000	86.28	86.22	86.26	87.83	86.86	87.72	87.97	89.18	89.21	86.53	83.23	83.79	142.4												
6000	88.29	84.48	87.85	87.19	88.58	83.72	87.82	88.42	88.91	82.87	88.11	88.78	144.3												
8000	86.09	85.11	86.11	85.27	89.32	83.93	85.56	88.28	88.18	86.93	84.77	84.27	143.8												
MEAS'D CASPL	97.47	94.72	97.03	96.51	98.85	97.25	97.81	100.2	99.41	98.53	96.22	94.79													
CALCULATED CASPL	97.48	94.24	97.28	97.27	98.69	94.88	97.34	99.69	98.99	98.20	95.54	94.82													
PN00	112.8	111.1	112.9	113.1	113.8	112.5	112.4	115.2	114.1	113.2	111.4	110.3													

CAPAL: 152.6

AMBIENT TEMP: 33.86
 WET-BULB TEMP: 27.40
 BAR. PRESSURE: 28.99
 ABS. HUMIDITY: 2.47E

FAN FAN/COMPRESSOR - PHASE 2E-4-9C 1/D 1/38/72 R/D 2/1/72-3

RUN:01 RPD:03 SPEED:1387

DATE: 2/74/77

RACIAL DISTANCE 156

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ:	2.2	12.2	22.2	38.2	48.2	58.2	72.2	82.2	92.2	112.2	122.2	132.2	142.2	152.2	172.2	(PWL)
50	3.44	-2.86	-2.64	-1.32	-1.84	-1.84	-1.84	-1.84	-1.84	-1.18	-1.25	-1.18	-1.24	-1.24	-1.57	7.112
63	-3.69	1.722	-3.12	-1.43	-1.79	-2.85	-2.85	-2.85	-2.85	-1.72	1.223	35.7	1.997	1.997	3.603	6.997
80	-4.89	3.72	-3.21	-1.82	-2.88	-2.84	-2.84	-2.84	-2.84	-2.73	1.393	1.273	2.338	2.338	4.218	8.881
100	-4.92	3.78	-4.67	-1.41	-2.66	-1.99	-1.99	-1.99	-1.99	-0.94	1.456	3.591	2.248	4.665	5.591	
125	-3.83	3.32	-3.82	-1.32	-2.45	-1.81	-1.81	-1.81	-1.81	-0.84	1.734	1.459	2.295	3.992	4.232	
160	-3.93	-3.19	-2.96	-2.17	-2.67	-1.12	-1.12	-1.12	-1.12	-0.169	2.223	2.164	2.122	3.541	5.449	
200	-3.23	-3.75	-3.82	-3.88	-3.95	-3.59	-3.59	-3.59	-3.59	-2.23	2.348	2.292	2.227	3.131	4.834	
250	-2.87	-2.85	-2.72	-2.45	-4.41	-4.62	-4.62	-4.62	-4.62	-1.45	1.925	2.738	2.455	4.459	6.847	
315	-2.19	-2.24	-2.35	-2.41	-3.29	-2.54	-2.54	-2.54	-2.54	-0.719	3.122	1.609	2.554	4.271	5.471	
400	-1.23	-2.22	-2.16	-2.99	-3.29	-1.75	-1.75	-1.75	-1.75	-0.235	1.591	2.292	2.181	1.761	4.483	
500	-1.76	-4.29	-2.13	-1.66	-1.23	-0.85	-0.85	-0.85	-0.85	3.122	1.573	2.743	3.327	2.969	2.212	
630	-0.22	-0.22	-2.84	-1.71	-0.87	-0.29	-0.29	-0.29	-0.29	-0.576	2.743	2.737	2.887	1.973	2.362	
800	-2.97	3.449	2.432	1.689	-1.37	-0.75	-0.75	-0.75	-0.75	-0.441	0.927	1.286	1.595	1.351	1.245	
1000	2.39	2.289	0.593	-0.83	-0.88	-0.82	-0.82	-0.82	-0.82	3.182	1.398	1.472	2.256	3.773	7.617	
1250	3.889	1.774	2.792	0.881	0.521	-0.93	-0.93	-0.93	-0.93	2.129	1.728	1.441	1.784	2.551	1.717	
1600	5.16	2.838	0.823	-0.88	-0.92	-1.32	-1.32	-1.32	-1.32	2.152	2.216	2.792	2.377	-1.14	-1.926	
2000	1.827	0.844	4.481	1.127	2.336	-2.19	-2.19	-2.19	-2.19	1.892	2.231	2.652	2.273	-1.14	-1.71	
2500	1.838	2.175	1.72	2.847	-2.29	1.169	1.169	1.169	1.169	0.536	2.597	1.652	9.248	-4.02	-1.91	
3150	-0.58	-0.21	3.124	1.536	2.599	1.175	1.175	1.175	1.175	-0.299	3.482	1.432	1.972	-5.12	-3.85	
4000	2.48	-0.84	4.33	-0.71	7.473	-1.71	-1.71	-1.71	-1.71	3.724	2.492	2.895	7.829	-1.28	-2.93	
5000	-0.12	-1.22	2.89	0.84	5.138	1.72	1.72	1.72	1.72	1.625	2.788	2.674	1.845	-3.32	-2.55	
6300	1.28	-2.73	3.681	-2.33	3.318	-3.54	-3.54	-3.54	-3.54	-2.53	2.117	2.654	2.489	-1.15	-2.49	
8000	1.5271	-1.359	0.423	-0.199	3.555	-1.93	-1.93	-1.93	-1.93	0.967	0.331	2.716	1.468	-1.61	-1.19	

C91

AIRBAY TEMP: 31.22
 WBT-BULB TEMP: 27.49
 BAR. PRESSURE: 28.89
 ABS. HUMIDITY: 2.47

FAA FAN/COMPRESSOR - PHASE 3R V 5C T/D 1/30/78 R/D 2/3/79-3

RUN#11 RDN#03 SPEED#0207

RADIAL DISTANCE 156

DATE: 2/9/77

PAGE: 1

SOLAR PRESSURE LEVELS - REF. DEN. AT STANDARD DAY

FREQ	ANGLE FROM LEFT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
21.25	31.94	71.18	71.25	72.47	74.74	78.56	78.28	74.83	72.12	72.48	83.87	128.2																																																																															
72.13	76.68	72.84	72.11	72.13	71.74	74.43	75.61	75.91	77.38	79.93	83.31	128.8																																																																															
83.20	83.47	83.82	83.94	71.18	71.74	73.66	75.03	75.56	77.25	79.36	82.25	127.8																																																																															
72.65	71.65	72.47	74.34	77.27	76.92	76.18	77.38	78.34	81.57	81.96	83.99	130.9																																																																															
83.55	83.87	83.84	83.83	82.35	84.33	84.88	85.34	86.32	87.24	88.88	84.23	128.1																																																																															
67.27	67.95	67.72	68.22	69.82	71.84	72.58	73.66	74.62	75.26	76.83	76.25	125.9																																																																															
83.83	87.39	86.42	86.61	86.2	88.92	87.77	88.89	89.28	90.52	91.86	92.67	123.6																																																																															
65.59	67.73	67.92	68.35	65.76	63.58	67.02	69.09	69.71	72.54	72.64	73.89	121.8																																																																															
72.73	74.97	74.54	75.24	80.82	72.89	72.48	74.58	75.18	78.25	77.24	78.79	122.5																																																																															
75.68	76.53	76.82	78.88	73.68	74.25	76.98	78.47	79.19	79.25	81.32	81.65	137.7																																																																															
74.27	77.28	78.48	78.37	76.38	74.78	77.84	78.55	80.82	82.82	81.23	82.52	131.4																																																																															
74.82	78.26	77.94	74.71	74.24	75.67	75.75	77.06	78.98	79.74	76.98	77.39	129.8																																																																															
82.79	82.94	81.73	82.89	81.87	81.18	82.87	82.19	82.33	83.99	81.48	79.91	135.1																																																																															
81.43	83.38	82.24	81.83	82.14	82.23	83.83	85.23	82.21	82.58	82.98	84.21	138.2																																																																															
82.24	82.23	82.65	82.23	82.87	81.27	84.82	85.25	85.95	85.74	81.71	79.85	137.1																																																																															
82.28	81.79	81.44	81.88	82.53	79.78	81.84	84.43	84.94	84.24	82.88	78.82	138.4																																																																															
82.19	83.66	83.72	82.67	82.37	82.47	83.64	85.32	84.94	83.79	78.49	79.22	137.1																																																																															
83.22	84.37	84.23	84.54	85.61	84.88	84.41	85.41	88.64	82.33	88.34	82.41	142.4																																																																															
98.42	87.85	92.75	94.47	94.28	91.33	93.56	95.39	94.89	92.61	88.79	86.57	147.3																																																																															
83.74	82.24	84.21	84.34	85.78	82.83	88.44	87.38	87.28	85.39	84.49	78.87	142.2																																																																															
85.17	85.46	95.72	86.57	87.47	88.88	87.84	89.48	89.53	86.24	82.87	82.37	142.7																																																																															
88.54	85.25	87.41	88.29	88.48	88.48	87.84	89.48	89.53	86.24	82.87	82.37	142.7																																																																															
89.81	84.33	85.25	84.65	89.29	83.86	85.85	87.53	87.91	86.88	85.12	81.52	143.7																																																																															
97.12	86.28	97.41	97.69	99.42	96.19	91.82	99.94	99.46	98.72	96.74	96.92	143.7																																																																															
94.25	95.33	94.97	97.54	98.42	96.13	97.93	98.62	99.14	97.88	95.71	93.21	143.7																																																																															
112.9	109.7	112.3	113.1	113.4	111.2	113.1	114.9	114.3	112.7	112.3	108.8	143.7																																																																															

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MEASURED DASPL
CALCULATED DASPL

A-BLEN VE-PY 33.47
METSULE 24.42
SAP PRESS RE 21.99
ACC. STABILITY 2.47

FAA FAX 720225553 - P-SE 83.2.52. Y/P 1/30/77 8/D 2/23/72-3

BLANK SPEED 4452

GAP LI 152.4

DATE: 2/7/78

RAIAL DISTANCE 192

PAGE: 1

SCUD PRESSURE LEVELS REDUCED AT STANDARD 7AV

FREQ.	18.8	22.8	38.2	42.2	58.2	72.2	88.2	92.2	102.2	112.2	122.2	138.2	142.2	152.2	162.2	172.2	182.2
50	74.27	72.37	72.31	73.86	74.29	74.85	75.32	76.42	75.61	77.52	75.61	77.52	81.31	85.34	129.8		
60	72.45	77.37	73.92	74.44	74.51	74.81	75.47	76.71	77.27	78.25	81.43	85.44	139.4				
82	68.18	78.89	71.19	71.89	73.18	73.75	75.08	76.19	76.29	77.83	81.38	84.44	129.8				
102	73.08	74.81	71.97	76.15	77.53	78.21	77.85	79.22	81.17	82.85	84.16	85.69	132.6				
125	71.88	72.18	69.84	71.17	74.29	74.45	74.16	77.33	78.29	82.52	82.38	83.62	138.4				
162	68.14	69.49	69.24	69.26	78.57	72.17	74.84	75.83	75.58	76.54	78.96	82.61	127.5				
202	67.41	68.41	67.88	68.12	68.18	68.67	71.87	72.18	73.27	74.24	76.38	78.32	125.3				
258	66.76	78.85	78.08	69.26	67.99	67.95	69.49	76.82	71.54	72.67	75.18	77.89	124.4				
315	74.38	74.31	75.15	74.54	72.84	72.48	74.25	74.12	77.99	77.85	79.84	78.58	129.4				
402	77.99	77.81	77.19	76.17	75.11	76.27	77.92	80.87	79.87	82.36	81.89	83.76	131.7				
522	72.48	74.81	75.27	75.78	77.64	77.47	78.26	82.97	81.23	81.59	81.54	82.14	132.3				
632	79.37	79.99	79.97	79.41	79.17	79.12	78.13	79.29	79.74	98.45	82.39	79.69	131.2				
822	78.87	81.88	78.28	77.72	78.21	78.88	77.11	78.45	78.81	78.97	78.82	78.49	131.7				
1022	83.87	82.19	88.98	79.09	88.75	89.53	81.55	82.82	82.33	83.29	81.58	88.33	138.1				
1282	81.55	83.18	82.58	81.48	82.68	83.11	82.14	83.88	83.85	83.31	83.43	83.14	138.1				
1602	83.72	82.88	82.85	82.47	82.98	82.86	84.49	85.44	85.96	84.91	81.97	89.77	137.3				
2022	81.72	82.88	81.58	82.83	82.31	82.67	84.54	84.86	85.14	86.46	83.89	78.51	134.8				
2582	83.69	84.99	83.81	85.05	82.16	83.17	83.31	85.19	84.28	83.39	78.63	79.66	137.1				
3152	82.15	84.82	88.19	84.34	85.51	84.74	84.48	89.02	87.82	84.82	80.58	83.47	148.7				
4022	92.46	89.85	91.92	90.39	94.39	90.15	90.82	95.85	94.52	92.22	89.13	88.19	147.6				
5022	82.73	83.28	88.12	86.73	88.83	81.59	82.83	87.99	88.14	83.58	84.32	81.84	148.9				
6322	88.95	89.98	89.58	88.32	86.02	89.32	88.61	89.91	89.62	86.21	83.25	83.36	142.2				
8222	98.84	84.84	87.83	84.79	81.48	82.34	88.27	82.82	82.82	87.89	86.84	84.48	145.8				
10222	87.33	84.99	84.89	84.92	88.22	84.73	86.37	88.21	89.13	87.33	85.98	83.31	144.4				

MEASURED GASPL
CALCULATED GASPL

AMBIENT TEMP. 33.88
NET-BUILD TEMP. 27.49
BAR. PRESSURE 28.99
ABS. HUMIDITY 2.478

FAA FAN/COMPRESSOR - PHASE 28 & 30 T/D 1/38/72 R/D 2/3/72-3

RUN#11 R00095 SPEED#4888

QAP#LI 152.9

DATE: 2/24/77

RADIAL DISTANCE 192

PAGE 1 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2	18.2	22.8	36.7	47.2	52.8	62.8	72.2	82.8	92.2	102.7	112.7	122.7	132.7	142.7	152.7	162.7	172.7	182.7
	ANGLES FROM INLET																		
50	-2.47	-3.95	-4.54	-3.48	-2.25	-2.49	-1.19	-1.23	-7.39	1.234	4.769	1.812	-1.55	-3.29	-7.27	1.229	4.442	8.384	8.168
63	-4.56	-3.35	-3.11	-2.58	-2.51	-3.21	-3.84	-1.72	-4.228	1.859	5.314	8.372	-5.32	-4.36	-7.61	-3.82	-2.19	-9.66	-5.19
82	-5.19	-4.89	-7.12	-3.92	-2.79	-2.423	-1.638	1.159	1.727	2.663	5.764	6.729	-4.21	-3.24	-3.76	-3.48	-1.44	-1.95	-1.89
100	-1.89	1.936	0.188	-1.38	-2.76	-2.49	-2.57	4.927	2.365	2.324	3.439	3.469	-2.52	-2.27	-1.663	-1.67	-2.73	-1.97	-1.82
125	-1.81	-1.59	-1.62	-1.77	-2.81	-1.84	-1.823	3.397	2.978	4.788	11.44	1.822	-1.82	-1.51	-2.45	-2.63	-1.38	-2.947	-1.81
150	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823
175	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823
200	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823
250	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823
315	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823
400	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823
500	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823
630	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823
800	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823
1000	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823	3.397	2.978	4.788	11.44	1.822	1.823

AMBIENT TEMP. 33.88
 MET-BULB TEMP. 27.49
 BAR. PRESSURE 28.89
 ABS. HUMIDITY 2.478
 FAA FAN/COMPRESSOR - PHASE 5B @ 5C T/D 1/28/77 R/D 2/3/78-3
 RUN#11 R00095 SPEED#0687

RADIAL DISTANCE 150

DATE: 2/24/77

SOUND PRESSURE LEVELS REDUCED AT STANDARD EAV

FREQ:	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	
52	75.34	73.35	73.17	73.22	74.41	74.14	74.75	74.99	74.47	73.61	81.14	85.37	132.2									
53	75.67	77.77	73.79	74.44	73.09	74.14	77.12	77.55	77.56	79.74	82.33	86.75	131.5									
54	71.28	71.77	72.27	72.48	73.33	74.39	74.04	74.44	74.42	82.61	82.32	85.24	132.7									
55	72.59	73.17	72.24	73.97	75.02	76.58	77.95	79.27	82.23	81.61	83.62	85.97	132.2									
56	73.39	72.14	71.69	74.84	74.44	75.16	78.33	78.71	81.25	82.85	83.22	84.24	132.4									
57	69.98	70.89	70.34	74.03	71.53	73.54	75.47	76.88	77.32	78.21	79.51	81.21	128.7									
58	67.95	69.22	68.97	71.71	69.33	71.18	72.69	71.67	72.45	73.34	74.29	74.31	128.4									
59	68.21	78.78	78.94	79.69	78.33	80.88	72.69	71.67	72.45	73.34	74.29	74.31	124.9									
60	75.94	77.32	74.48	75.52	72.41	72.88	75.18	74.83	77.28	78.67	81.23	81.44	132.2									
61	77.15	78.52	77.26	76.99	76.11	76.94	78.98	86.78	81.52	82.53	84.28	83.59	134.1									
62	77.24	78.47	77.44	77.54	78.34	79.34	84.92	82.29	82.99	83.69	84.23	82.73	132.4									
63	74.39	74.52	75.28	76.65	78.89	78.29	79.78	83.19	81.59	82.89	81.37	79.52	131.4									
64	72.22	74.18	74.78	74.19	76.45	77.84	77.48	78.33	78.11	78.61	78.62	72.88	135.9									
65	82.29	82.37	82.38	82.72	81.89	82.88	82.72	83.23	83.12	84.55	83.22	81.64	134.1									
66	81.28	82.74	82.38	82.53	83.24	81.49	83.54	83.67	82.84	83.44	82.17	81.54	137.9									
67	82.39	82.38	82.95	83.99	84.49	82.88	84.75	85.15	85.33	85.23	81.17	79.54	137.2									
68	81.92	83.81	83.42	82.94	83.26	83.83	85.88	85.56	84.51	84.85	73.92	79.64	141.2									
69	83.37	86.85	84.23	84.84	86.87	87.74	85.84	92.34	88.23	87.29	82.97	83.59	149.1									
70	98.98	88.32	92.77	93.33	96.83	94.82	97.19	97.37	96.15	92.33	92.53	87.32	143.3									
71	87.25	85.13	88.74	89.35	92.12	92.44	84.84	92.92	92.44	89.17	88.22	83.82	148.2									
72	84.98	85.69	85.76	87.14	88.98	89.87	88.43	98.46	88.84	86.38	83.28	82.95	146.2									
73	87.84	84.23	87.72	87.83	92.79	88.14	98.45	91.77	92.27	92.43	87.34	84.24	145.9									
74	89.83	89.51	89.27	85.44	91.83	87.58	88.59	88.98	98.29	89.89	87.48	83.73	145.9									
75	96.83	96.44	97.84	96.24	103.6	99.38	101.2	101.9	101.2	99.61	98.36	98.24	145.9									
76	94.29	94.07	97.56	97.25	100.7	99.28	101.8	103.8	102.9	99.24	97.74	94.94	145.9									
77	111.9	110.4	112.7	113.1	115.5	114.4	116.3	116.9	116.1	113.9	112.1	111.2	145.9									

OAP-L1 154.3

MEASURED OASPL
 CALCULATED OASPL
 PAVB

AMBIENT TEMP: 33.82
 MET-BULB TEMP: 27.49
 BAR PRESSURE: 26.99
 ABS HUMIDITY: 2.472

FAA FAV/COMPRESSOR - PHASE 58 & 90 7/9 1/32/72 R/D 2/3/77-3

RUN#11 R0086 SPEED=6580

DATE: 2/24/72

PAGE: 2

SONIC PRESSURE LEVELS DIRECTIVITY INDEX

FRQ.	2.2	3.0	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2	20.2
50	-1.91	-1.324	-0.74	-3.85	-2.87	-2.74	-1.29	1.69	-4.4	1.735	4.282	2.452							
60	-5.99	-5.49	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89	-4.89
100	-5.99	-5.43	-4.85	-4.67	-4.67	-4.67	-4.67	-4.67	-4.67	-4.67	-4.67	-4.67	-4.67	-4.67	-4.67	-4.67	-4.67	-4.67	-4.67
120	-5.49	-4.74	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26	-4.26
160	-5.29	-4.16	-4.74	-4.45	-4.45	-4.45	-4.45	-4.45	-4.45	-4.45	-4.45	-4.45	-4.45	-4.45	-4.45	-4.45	-4.45	-4.45	-4.45
200	-3.97	-2.72	-2.95	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21	-3.21
250	-2.97	-1.473	-1.33	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26
300	-4.13	-2.72	-1.92	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87	-1.87
400	-2.19	-1.014	-2.07	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35	-2.35
500	-4.23	-1.92	-3.15	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79	-1.79
600	-3.21	-1.822	-1.238	-1.517	-1.517	-1.517	-1.517	-1.517	-1.517	-1.517	-1.517	-1.517	-1.517	-1.517	-1.517	-1.517	-1.517	-1.517	-1.517
800	-3.551	-2.099	-1.232	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84
1000	-1.86	-0.922	-0.663	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183	-1.183
1200	-1.24	-1.05	-0.893	-1.339	-1.339	-1.339	-1.339	-1.339	-1.339	-1.339	-1.339	-1.339	-1.339	-1.339	-1.339	-1.339	-1.339	-1.339	-1.339
1600	-0.645	-0.823	-1.723	-1.288	-1.288	-1.288	-1.288	-1.288	-1.288	-1.288	-1.288	-1.288	-1.288	-1.288	-1.288	-1.288	-1.288	-1.288	-1.288
2000	-0.774	-1.114	-1.737	-2.486	-2.486	-2.486	-2.486	-2.486	-2.486	-2.486	-2.486	-2.486	-2.486	-2.486	-2.486	-2.486	-2.486	-2.486	-2.486
3000	-2.79	-5.45	-1.83	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45	-5.45
4000	-2.74	-4.3	-1.28	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3	-4.3
5000	-1.96	-2.85	-1.17	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85	-2.85
6000	-1.47	-2.92	-1.42	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31	-3.31
8000	-1.17	-2.08	-1.32	-4.15	-4.15	-4.15	-4.15	-4.15	-4.15	-4.15	-4.15	-4.15	-4.15	-4.15	-4.15	-4.15	-4.15	-4.15	-4.15
10000																			

AMBIENT TEMP. 31.82
 MET-BULB TEMP. 27.49
 BAR. PRESSURE 26.89
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 59 + 5C T/D 1/38/72 R/D 2/3/72-3

RUN#11 R03896 SPEED#698C

DATE: 2/24/77

PARTIAL DISTANCE 152

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STA DIST 152

FREQ	12.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	(PAU)
50	75.72	73.24	71.44	69.72	68.12	66.64	65.28	64.04	62.92	61.92	61.04	60.28	59.64	59.12	58.72	58.44	58.28	58.24	131.5
63	76.52	74.08	72.32	70.64	69.08	67.64	66.32	65.12	64.04	63.08	62.24	61.52	60.92	60.44	60.08	60.04	60.04	60.04	132.3
82	71.49	71.22	71.12	71.08	71.04	71.00	70.96	70.92	70.88	70.84	70.80	70.76	70.72	70.68	70.64	70.60	70.56	70.52	133.0
102	73.24	74.14	74.72	75.36	76.04	76.76	77.52	78.32	79.16	80.04	80.96	81.92	82.92	83.96	85.04	86.16	87.32	88.52	133.1
125	78.18	75.34	73.28	71.96	70.64	69.44	68.36	67.44	66.64	65.96	65.44	65.04	64.72	64.48	64.32	64.24	64.20	64.16	133.6
162	72.93	71.54	70.32	69.24	68.32	67.52	66.84	66.32	65.92	65.60	65.36	65.16	65.00	64.88	64.80	64.76	64.72	64.68	129.9
202	68.33	69.71	71.08	72.44	73.76	75.04	76.28	77.48	78.64	79.76	80.84	81.88	82.96	84.08	85.24	86.44	87.68	89.00	124.5
252	71.19	73.07	74.92	76.72	78.48	80.20	81.88	83.52	85.12	86.68	88.20	89.72	91.24	92.76	94.28	95.80	97.32	98.84	127.6
312	77.29	78.33	79.44	80.60	81.80	83.04	84.32	85.64	86.96	88.32	89.68	91.08	92.52	93.96	95.44	96.96	98.52	100.12	131.3
402	79.58	79.78	79.92	80.04	80.12	80.16	80.20	80.24	80.28	80.32	80.36	80.40	80.44	80.48	80.52	80.56	80.60	80.64	134.6
522	77.95	77.98	78.00	78.02	78.04	78.06	78.08	78.10	78.12	78.14	78.16	78.18	78.20	78.22	78.24	78.26	78.28	78.30	134.6
632	76.32	77.78	79.24	80.68	82.12	83.56	85.00	86.44	87.88	89.32	90.76	92.20	93.64	95.08	96.52	97.96	99.40	100.84	133.8
802	68.84	69.89	70.92	71.96	72.96	73.96	74.96	75.96	76.96	77.96	78.96	79.96	80.96	81.96	82.96	83.96	84.96	85.96	133.0
1022	62.24	61.72	61.24	60.76	60.32	59.88	59.44	59.00	58.56	58.12	57.68	57.24	56.80	56.36	55.92	55.48	55.04	54.60	133.4
1252	62.08	61.16	60.28	59.40	58.52	57.64	56.76	55.88	55.00	54.12	53.24	52.36	51.48	50.60	49.72	48.84	47.96	47.08	136.8
1602	62.74	62.81	62.84	62.88	62.92	62.96	63.00	63.04	63.08	63.12	63.16	63.20	63.24	63.28	63.32	63.36	63.40	63.44	136.8
2022	62.63	61.49	60.36	59.24	58.12	57.00	55.88	54.76	53.64	52.52	51.40	50.28	49.16	48.04	46.92	45.80	44.68	43.56	137.8
2502	62.48	63.51	64.54	65.57	66.60	67.64	68.68	69.72	70.76	71.80	72.84	73.88	74.92	75.96	77.00	78.04	79.08	80.12	137.1
3122	64.12	65.97	67.81	69.64	71.48	73.32	75.16	77.00	78.84	80.68	82.52	84.36	86.20	88.04	89.88	91.72	93.56	95.40	141.8
4002	69.72	67.27	64.82	62.37	59.92	57.47	55.02	52.57	50.12	47.67	45.22	42.77	40.32	37.87	35.42	32.97	30.52	28.07	147.4
5002	61.48	63.19	64.93	66.68	68.43	70.18	71.93	73.68	75.43	77.18	78.93	80.68	82.43	84.18	85.93	87.68	89.43	91.18	149.5
6502	66.56	67.31	68.06	68.81	69.56	70.31	71.06	71.81	72.56	73.31	74.06	74.81	75.56	76.31	77.06	77.81	78.56	79.31	143.2
8002	68.81	69.59	70.37	71.15	71.93	72.71	73.49	74.27	75.05	75.83	76.61	77.39	78.17	78.95	79.73	80.51	81.29	82.07	144.2
10002	67.66	67.59	67.45	67.32	67.18	67.04	66.90	66.76	66.62	66.48	66.34	66.20	66.06	65.92	65.78	65.64	65.50	65.36	147.3

MEASURED CASPL
CALCULATED CASPL
PVDB

AMBIENT TEMP 33.60
WET-BULB TEMP 27.40
BAR PRESSURE 20.99
AIR HUMIDITY 2.472

FAN FAY/COMPRESSOR = PHASE 59 & 5C T/D 1/30/70 R/D 2/3/70-9
RUN#1 R00097 SPC#307482

GAPMLI 154.9

DATE: 2/24/77

RACIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	4.2	12.2	22.2	38.2	48.2	58.2	72.2	88.2	98.2	112.2	128.2	148.2	158.2	178.2	(PNL)
50	-2.48	-4.92	-5.58	-4.61	-3.71	-3.49	-1.86	-1.71	-1.386	-2.84	1.971	4.717	9.161		
63	-2.43	-1.26	-4.96	-3.66	-3.88	-3.91	-1.86	-1.171	-1.386	1.971	4.717	9.161			
80	-6.05	-5.43	-8.14	-4.62	-4.33	-3.31	-1.86	-1.246	-1.043	2.493	5.188	8.315			
100	-6.59	-5.49	-7.29	-4.78	-3.65	-2.54	-1.83	-1.322	1.260	2.933	5.293	7.859			
125	-1.87	-4.71	-7.82	-3.45	-2.14	1.988	-1.23	-1.833	3.242	1.989	3.512	6.553			
162	-5.88	-4.79	-5.14	-4.68	-3.56	-2.87	-1.29	1.114	1.990	4.986	7.867				
202	-4.26	-3.18	-3.45	-3.84	-2.82	-2.48	-1.26	1.355	2.492	3.391	4.538	5.442			
250	-1.71	1.811	-1.209	-1.72	-2.58	-2.48	-1.26	1.344	1.532	2.874	4.249	4.759			
315	-1.87	1.8277	-1.427	-1.45	-3.41	-2.48	-1.26	1.344	1.532	2.874	4.249	4.759			
400	-1.24	-1.88	-2.62	-2.38	-3.13	-1.82	-1.23	2.321	2.64	3.86	5.111	5.124			
500	-3.44	-1.58	-3.15	-4.81	-3.893	-2.98	-1.23	2.321	2.64	3.86	5.111	5.124			
630	2.88	2.871	1.188	1.789	1.889	2.277	-1.23	2.321	2.64	3.86	5.111	5.124			
800	-1.16	-4.28	-1.976	-1.82	-2.818	1.855	-1.23	2.321	2.64	3.86	5.111	5.124			
1000	3.972	1.676	2.715	1.898	1.848	1.489	-1.23	2.321	2.64	3.86	5.111	5.124			
1250	-1.842	-1.776	-1.24	-1.73	-1.89	-1.545	-1.23	2.321	2.64	3.86	5.111	5.124			
1600	2.383	1.928	1.411	1.281	1.342	1.48	-1.23	2.321	2.64	3.86	5.111	5.124			
2000	1.871	1.139	-1.045	-1.129	-2.036	1.085	-1.23	2.321	2.64	3.86	5.111	5.124			
2500	1.213	1.018	-1.663	1.128	1.092	1.167	-1.23	2.321	2.64	3.86	5.111	5.124			
3150	-2.34	-4.79	-1.51	2.119	3.891	1.885	-1.23	2.321	2.64	3.86	5.111	5.124			
4000	-2.86	-4.85	-4.48	1.839	1.839	1.682	-1.23	2.321	2.64	3.86	5.111	5.124			
5000	-1.17	1.248	-1.86	-1.97	1.783	1.482	-1.23	2.321	2.64	3.86	5.111	5.124			
6300	-1.27	2.154	-1.39	-1.88	3.083	1.226	-1.23	2.321	2.64	3.86	5.111	5.124			
8000	-1.37	-1.43	-1.58	-1.83	4.353	1.339	-1.23	2.321	2.64	3.86	5.111	5.124			

AMBIENT TEMP: 32.88
 METEORO TEMP: 27.49
 BAR. PRESSURE: 28.89
 ABS. HUMIDITY: 2.478

FAA FAN/COMPRESSOR - PHASE 98 + 5C T/D 1/36/78 R/D 2/3 78-3

RUN#11 MD#07 SPEED#718

DATE: 2/24/77

RADIAL DISTANCE 159

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	ANGLES FROM INLET											
	0	15	30	45	60	75	90	105	120	135		
50	74.58	73.78	72.64	72.08	74.58	74.88	74.84	78.78	78.24	82.45	83.78	88.15
52	74.20	73.13	74.66	75.14	75.31	75.25	77.89	79.93	79.87	81.82	81.54	88.88
63	74.47	73.38	73.66	73.87	74.88	75.83	78.85	78.41	81.72	81.82	82.87	88.73
AR	79.74	74.84	75.66	75.87	76.37	77.59	79.42	81.83	81.99	83.41	85.88	88.94
100	88.81	76.52	78.27	77.88	78.72	82.14	79.84	82.48	83.58	87.26	86.77	89.49
129	71.83	73.31	72.49	72.54	73.65	79.38	77.35	78.76	79.71	80.45	82.38	84.19
148	48.98	71.43	71.82	71.18	71.28	73.19	74.28	78.48	77.13	77.12	78.18	79.28
202	87.48	72.43	71.27	71.41	71.26	78.14	71.99	78.28	78.35	88.53	82.83	82.64
258	75.61	72.88	72.13	72.87	72.84	73.61	74.99	78.28	78.35	88.53	82.83	82.64
315	78.43	79.37	78.54	78.17	76.95	78.91	82.13	82.87	84.38	84.23	86.31	85.43
402	79.44	79.42	78.88	79.27	88.61	88.32	82.37	83.28	83.13	88.53	86.25	85.43
502	76.32	78.51	77.69	81.68	81.91	88.25	81.42	82.51	83.81	85.33	83.91	82.11
632	78.37	78.18	78.87	78.44	78.83	78.87	81.18	88.48	82.55	82.78	82.71	88.54
802	81.39	82.11	82.82	81.31	82.81	83.54	81.23	84.18	84.43	85.38	84.54	83.12
1002	81.48	83.18	83.28	82.47	83.75	84.32	83.54	88.38	83.16	83.87	83.64	82.58
1208	82.28	81.63	81.95	83.34	83.99	83.38	85.34	85.88	86.28	85.34	83.18	81.38
1608	88.38	88.44	88.44	81.88	82.66	88.14	84.52	84.71	84.37	82.92	82.35	79.32
2002	81.93	82.39	81.72	81.36	81.85	83.81	85.19	84.38	83.25	82.59	78.32	78.96
2502	85.38	88.73	85.35	88.11	88.37	87.31	82.52	88.42	87.17	85.94	82.71	81.24
3152	88.61	88.38	92.24	92.99	94.44	89.38	92.47	91.78	91.99	88.67	87.71	84.92
4002	84.52	81.45	92.47	88.98	88.43	84.74	91.88	97.18	94.32	93.22	84.82	88.53
5002	87.13	87.48	86.39	87.15	88.94	88.62	88.41	98.37	88.72	99.15	83.99	83.18
6302	87.98	84.77	87.83	88.89	81.23	88.68	88.82	98.52	89.67	88.35	84.84	83.21
8002	88.18	87.76	89.21	89.99	83.98	89.96	89.75	89.94	89.58	89.81	87.41	85.12
10222	98.52	97.56	100.2	102.7	104.3	99.48	101.1	101.9	101.2	100.2	100.4	102.3
MEASURED CASPL	98.41	97.12	102.2	97.65	99.01	99.26	102.6	101.7	102.5	99.7	99.58	99.22
CALCULATED CASPL	115.2	111.8	115.1	117.5	114.2	113.9	115.7	116.5	115.1	113.8	114.0	111.7

AMBIENT TEMP. 33.28
 WET-BUILD TEMP. 27.49
 BAR. PRESSURE 28.99
 ABS. HUMIDITY 2.472

FAA FA/CO PRESSURE = PHASE 20 + 90 T/D 1/30/78 R/D 2/3/78-3

RUNWAY 23008 SPEED 2302

OAP-LS

154,6

DATE: 2/4/77

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

ANGLES FROM INLET

FREQ.	2.2	18.2	22.8	38.2	42.2	58.2	62.2	78.2	82.2	122.2	122.2	132.2	142.2	152.2	162.2	172.2	(P4L)	
52	-3.21	-3.21	-6.11	-5.81	-4.23	-1.91	-1.65	-2.42	-2.52	1.605	4.988	9.344	1.77	-1.84	2.245	2.149	4.839	8.912
63	-5.46	-1.54	-5.11	-4.53	-4.66	-4.41	-1.21	3.525	3.424	2.458	2.339	2.487	-1.21	3.525	3.424	2.458	2.339	2.487
82	-2.59	-5.91	-5.59	-5.39	-4.38	-2.43	-1.19	4.174	4.31	2.793	2.233	2.221	-1.19	4.174	4.31	2.793	2.233	2.221
122	-4.87	-5.77	-6.95	-5.54	-4.24	-3.83	-4.23	1.281	2.235	2.971	4.923	5.712	-4.23	1.281	2.235	2.971	4.923	5.712
162	-5.94	-4.17	-4.95	-5.99	-3.15	-2.17	-2.92	1.283	2.921	2.662	4.218	5.735	-2.92	1.283	2.921	2.662	4.218	5.735
222	-4.22	-5.73	-3.17	-3.24	-2.81	-3.95	-1.42	6.606	1.182	2.932	5.134	5.739	-1.42	6.606	1.182	2.932	5.134	5.739
282	-2.03	-3.56	-2.31	-2.37	-4.59	-3.83	-4.84	6.376	1.912	3.112	5.389	5.353	-4.84	6.376	1.912	3.112	5.389	5.353
312	-2.91	-1.96	-2.78	-3.16	-4.39	-2.43	-7.982	1.466	3.508	2.074	4.974	4.921	-7.982	1.466	3.508	2.074	4.974	4.921
427	-2.69	-2.72	-3.23	-2.84	-1.51	-1.81	-4.523	1.823	3.222	3.424	4.328	3.324	-4.523	1.823	3.222	3.424	4.328	3.324
522	-4.05	-2.66	-3.45	-3.94	7.350	-1.93	-2.456	1.943	2.442	4.164	2.736	9.424	-2.456	1.943	2.442	4.164	2.736	9.424
632	-3.62	-3.825	-1.11	-1.34	-4.82	-1.18	-1.198	5.872	3.772	2.798	2.724	2.824	-1.198	5.872	3.772	2.798	2.724	2.824
822	-1.12	-1.28	3.841	-1.28	3.929	3.239	-7.328	1.649	1.915	2.866	2.324	1.678	-7.328	1.649	1.915	2.866	2.324	1.678
1022	-2.27	-3.86	-3.84	-1.39	2.182	2.721	-2.223	2.255	2.221	2.263	2.744	1.983	-2.223	2.255	2.221	2.263	2.744	1.983
1622	-1.91	-1.56	-1.24	-1.62	6.964	-6.10	-2.145	2.469	2.628	2.151	-2.13	-1.81	-2.145	2.469	2.628	2.151	-2.13	-1.81
2022	-3.24	-1.19	-1.17	-1.82	1.825	-1.49	-2.878	3.279	2.732	1.288	-1.682	-2.25	-2.878	3.279	2.732	1.288	-1.682	-2.25
2582	-1.489	1.8776	1.847	-1.12	3.322	1.490	-1.677	2.869	1.737	1.884	-3.19	-2.55	-1.677	2.869	1.737	1.884	-3.19	-2.55
3152	-1.325	1.189	-1.274	1.882	2.324	1.088	-1.181	3.977	1.543	3.284	3.11	-2.24	-1.181	3.977	1.543	3.284	3.11	-2.24
4082	-1.59	-4.13	-2.59	2.493	3.933	-1.28	-1.972	3.276	4.967	-1.89	-2.79	-5.58	-1.972	3.276	4.967	-1.89	-2.79	-5.58
5082	3.899	-1.89	3.824	-2.16	-2.91	1.198	3.418	3.225	1.377	-3.22	1.654	5.21	3.418	3.225	1.377	-3.22	1.654	5.21
6082	1.466	5.824	1.587	1.727	1.959	1.642	-1.432	3.388	1.735	-1.82	-3.68	-3.82	-1.432	3.388	1.735	-1.82	-3.68	-3.82
8082	1.4314	-2.76	-1.581	-1.633	-1.317	-1.866	-1.495	2.988	2.137	-1.13	-2.37	-4.32	-1.495	2.988	2.137	-1.13	-2.37	-4.32
10022	1.967	-1.39	1.927	1.648	4.324	1.834	1.6224	7.892	1.865	-1.143	-1.74	-4.23	1.6224	7.892	1.865	-1.143	-1.74	-4.23

C101

AMBIENT TEMP 33.28
 NET-SULP TEMP 27.49
 BAR. PRESSURE 24.89
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 58 + 9C T/D 1/36/77 R/D 2/3/78-3
 RUN#11 RCG#06 SPEED#7388

RADIAL DISTANCE 158

DATE: 2/24/77

SOUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	7.2	10.2	20.0	31.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2
52	77.42	75.66	74.32	75.44	76.52	76.54	78.35	82.15	82.13	82.52	85.08	82.32	82.88	83.08	82.21	84.09	87.19	91.41	134.1
63	77.42	75.56	78.53	79.32	78.99	78.26	79.91	81.32	82.13	81.88	82.98	82.22	82.88	83.08	82.21	84.09	87.19	91.41	134.8
82	74.27	75.39	75.26	75.88	74.32	77.21	78.91	81.32	82.13	81.88	82.98	82.22	82.88	83.08	82.21	84.09	87.19	91.41	135.7
102	73.32	76.17	74.28	75.87	77.36	78.39	80.93	82.47	83.33	84.81	87.77	90.83	88.12	85.35	87.35	84.28	86.42	92.97	138.4
125	80.23	83.38	82.67	81.64	79.14	82.54	77.68	79.25	82.42	81.35	83.46	85.50	73.63	73.67	73.26	72.99	74.32	75.56	137.9
162	71.12	71.32	71.25	72.29	72.88	71.23	73.23	75.14	74.69	77.83	79.29	78.73	78.11	76.21	77.27	78.59	79.36	80.27	129.8
202	71.10	75.40	74.99	73.78	74.43	73.85	78.62	81.24	81.54	82.68	84.79	84.75	82.55	86.19	89.51	87.82	87.47	87.94	137.9
252	80.14	81.14	78.87	81.79	81.58	82.81	82.02	84.64	84.42	87.28	85.41	87.73	82.42	83.56	86.51	84.63	85.42	83.25	135.3
302	77.17	76.45	76.41	76.08	78.25	79.49	81.84	84.28	84.43	83.97	83.64	81.74	83.42	84.83	85.34	86.27	84.67	84.57	130.9
352	79.92	79.35	82.04	83.52	83.16	82.83	84.53	85.47	85.85	83.82	83.88	83.23	84.32	84.91	85.65	84.84	83.64	81.69	130.8
402	81.58	83.31	83.44	83.86	84.58	83.44	86.32	84.87	83.63	82.17	80.61	78.22	86.19	83.36	82.59	81.11	78.26	78.89	139.7
452	78.21	74.22	72.64	73.93	71.13	73.28	80.23	80.81	81.42	81.37	82.83	83.94	84.39	87.23	86.44	84.84	82.48	82.37	139.9
502	79.71	80.98	82.49	81.37	82.83	83.94	86.26	85.84	86.88	88.74	96.88	87.79	91.65	91.72	89.51	86.97	85.42	83.88	143.4
552	82.32	85.29	83.69	84.96	87.19	87.27	88.77	91.87	93.53	93.94	102.7	93.78	95.42	94.72	94.91	92.92	93.38	89.23	152.0
602	86.86	89.84	86.88	88.74	96.88	87.79	88.57	87.81	86.33	87.14	80.16	87.46	87.53	89.34	88.21	84.75	82.79	81.39	142.6
652	87.89	81.21	85.85	85.29	88.12	85.41	80.75	88.26	89.19	98.89	94.53	93.51	102.4	101.8	101.5	102.4	102.9	101.6	149.1
702	80.75	88.26	89.19	98.89	94.53	93.51	98.37	97.53	98.83	99.48	102.9	99.16	102.2	101.2	100.9	99.61	99.91	102.2	155.3
752	98.19	97.21	97.25	99.34	103.8	99.37	112.6	111.7	112.6	114.3	117.6	113.9	117.1	116.2	115.2	113.7	113.6	111.6	

CAPAL 1

C102

MEASURED OASPL
CALCULATED OASPL
P/DP

AMBIENT TEMP. 33.22
MET-BULB TEMP. 27.49
BAR. PRESSURE 28.96
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 98 & 9C Y/D 1/32/77 R/D 2/3/72-3

RUR611 RIG099 SPEED=7322

DATE: 2/14/72 SC. 5 PRESSURE LEVELS DIRECTIVITY INDEX

RADIAL DISTANCE 192 ANGLES FROM 1.51

FREQ	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2					
50	-3.37	-5.13	-5.87	-5.35	-4.27	-4.24	-2.43	-0.43	-0.03	1.714	4.891	9.355	-1.57	-0.507	-0.439	1.646	4.748	6.954	-1.44	-0.213	-0.283	2.829	5.478	8.622	
63	-7.28	-8.94	-8.89	-8.48	-5.83	-4.14	-1.37	1.994	9.282	2.024	5.501	8.622	3.283	2.275	1.122	1.234	3.561	6.122	-0.71	0.927	2.274	3.822	5.204	5.523	
82	-6.92	-6.24	-7.93	-6.42	-4.84	-4.12	-4.56	-3.46	-4.18	-3.28	-5.71	-4.31	-6.92	-4.55	-5.29	-5.53	-4.33	-2.79	-0.21	0.957	1.757	3.276	4.841	4.589	
125	-4.92	-4.55	-5.29	-5.53	-4.33	-2.79	-3.45	-2.81	-2.97	-3.64	-4.13	-2.49	-4.14	-3.12	-3.18	-1.61	-2.88	-1.67	-0.21	0.957	1.757	3.276	4.841	4.589	
182	-3.51	-2.51	-3.78	-2.84	-2.37	-1.64	-3.13	-2.46	-2.59	-2.33	-3.49	-2.85	-4.27	-2.96	-3.29	-3.43	-2.22	-2.22	-0.67	2.263	5.211	3.327	4.128	1.949	
282	-4.19	-4.85	-4.89	-4.62	-3.25	-1.81	-4.31	-3.18	-1.87	-1.99	-3.65	1.788	-2.75	-3.92	-2.61	-2.15	3.22	0.641	-0.67	2.263	5.211	3.327	4.128	1.949	
322	-2.14	-2.34	-1.87	-1.725	-1.359	-0.478	-2.82	-1.771	-1.84	-1.787	1.325	7.832	-1.49	-2.48	-1.87	-1.725	-1.359	-0.478	-0.67	2.263	5.211	3.327	4.128	1.949	
482	-1.28	-1.83	-1.97	-1.994	2.226	2.121	-1.872	-3.89	-1.27	6.981	2.067	-3.47	-1.66	-3.55	-1.89	-1.89	0.225	1.959	0.9392	1.266	3.823	1.172	-1.28	-3.87	-3.37
582	2.955	1.293	-1.93	0.225	1.959	0.9392	1.266	3.823	1.172	-1.28	-3.87	-3.37	1.266	3.823	1.172	-1.28	-3.87	-3.37	1.266	3.823	1.172	-1.28	-3.87	-3.37	
682	1.266	3.823	1.172	-1.28	-3.87	-3.37	1.266	3.823	1.172	-1.28	-3.87	-3.37	1.266	3.823	1.172	-1.28	-3.87	-3.37	1.266	3.823	1.172	-1.28	-3.87	-3.37	
882	-2.42	-2.49	-1.56	-0.657	3.777	2.764	1.682	2.067	1.771	-1.139	-2.91	-4.92	-2.42	-2.49	-1.56	-0.657	3.777	2.764	1.682	2.067	1.771	-1.139	-2.91	-4.92	
1082																									

C103

AMBIENT TEMP. 33.82
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.86
ABS. HUMIDITY 2.472

FAA FAV/COMPRESSOR - PHASE 58 & 5C 7/2 1/3072 R/D 2/3773-3

RUN#11 R08899 SPEED#752

RADIAL DISTANCE 150

DATE: 2/19/72

ROUND PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	18.0	20.2	30.2	42.0	50.0	58.0	68.0	78.0	88.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	170.0	180.0
52	82.22	83.72	82.64	81.85	81.45	82.21	82.22	83.72	82.64	81.85	81.45	82.21	82.22	83.72	82.64	81.85	81.45	82.21
63	82.54	84.33	84.07	85.09	86.27	92.72	82.54	84.33	84.07	85.09	86.27	92.72	82.54	84.33	84.07	85.09	86.27	92.72
80	82.52	83.97	84.75	85.81	87.17	82.52	83.97	84.75	85.81	87.17	82.52	83.97	84.75	85.81	87.17	82.52	83.97	84.75
100	82.91	84.78	85.03	86.71	89.48	92.55	82.91	84.78	85.03	86.71	89.48	92.55	82.91	84.78	85.03	86.71	89.48	92.55
125	83.17	84.11	85.33	87.24	91.34	83.17	84.11	85.33	87.24	91.34	83.17	84.11	85.33	87.24	91.34	83.17	84.11	85.33
160	80.82	82.44	82.98	83.78	85.71	87.61	80.82	82.44	82.98	83.78	85.71	87.61	80.82	82.44	82.98	83.78	85.71	87.61
200	78.99	78.81	78.61	78.81	78.81	78.81	78.99	78.81	78.61	78.81	78.81	78.81	78.99	78.81	78.61	78.81	78.81	78.81
250	80.21	81.92	82.68	84.29	86.44	88.44	80.21	81.92	82.68	84.29	86.44	88.44	80.21	81.92	82.68	84.29	86.44	88.44
300	83.99	85.75	86.62	87.18	89.29	89.02	83.99	85.75	86.62	87.18	89.29	89.02	83.99	85.75	86.62	87.18	89.29	89.02
350	82.50	84.79	86.55	86.22	86.79	85.31	82.50	84.79	86.55	86.22	86.79	85.31	82.50	84.79	86.55	86.22	86.79	85.31
400	81.01	82.92	85.78	85.13	85.44	82.13	81.01	82.92	85.78	85.13	85.44	82.13	81.01	82.92	85.78	85.13	85.44	82.13
450	80.76	83.46	85.97	86.98	86.52	84.80	80.76	83.46	85.97	86.98	86.52	84.80	80.76	83.46	85.97	86.98	86.52	84.80
500	83.39	87.39	86.23	86.66	85.85	84.42	83.39	87.39	86.23	86.66	85.85	84.42	83.39	87.39	86.23	86.66	85.85	84.42
550	84.58	87.84	86.34	86.84	85.78	84.42	84.58	87.84	86.34	86.84	85.78	84.42	84.58	87.84	86.34	86.84	85.78	84.42
600	84.13	84.19	83.58	81.44	79.84	79.83	84.13	84.19	83.58	81.44	79.84	79.83	84.13	84.19	83.58	81.44	79.84	79.83
650	84.79	87.42	88.27	88.84	81.51	83.42	84.79	87.42	88.27	88.84	81.51	83.42	84.79	87.42	88.27	88.84	81.51	83.42
700	89.97	91.17	89.62	87.12	84.92	84.84	89.97	91.17	89.62	87.12	84.92	84.84	89.97	91.17	89.62	87.12	84.92	84.84
750	88.55	94.39	97.17	93.93	93.32	89.73	88.55	94.39	97.17	93.93	93.32	89.73	88.55	94.39	97.17	93.93	93.32	89.73
800	88.51	89.23	88.11	85.25	83.98	83.74	88.51	89.23	88.11	85.25	83.98	83.74	88.51	89.23	88.11	85.25	83.98	83.74
850	89.59	89.92	89.14	85.84	84.59	84.48	89.59	89.92	89.14	85.84	84.59	84.48	89.59	89.92	89.14	85.84	84.59	84.48
900	93.77	93.72	93.41	92.33	88.92	87.11	93.77	93.72	93.41	92.33	88.92	87.11	93.77	93.72	93.41	92.33	88.92	87.11
MEASURED GASPL	103.1	102.9	102.0	101.9	102.3	103.2	103.1	102.9	102.0	101.9	102.3	103.2	103.1	102.9	102.0	101.9	102.3	103.2
CALCULATED GASPL	102.5	102.3	102.2	102.2	102.1	101.8	102.5	102.3	102.2	102.2	102.1	101.8	102.5	102.3	102.2	102.2	102.1	101.8
P-DB	113.1	112.9	114.0	115.4	117.6	113.7	113.1	112.9	114.0	115.4	117.6	113.7	113.1	112.9	114.0	115.4	117.6	113.7

CAP-1 156.2

AMBIENT TEMP: 33.82
 WET-BULB TEMP: 27.49
 BAR. PRESSURE 26.96
 ABS. HUMIDITY 2.472

FAN FAN/COMPRESSOR - PHASE 20 2.50 1/P 1/3272 R/D 2/3/72-3

RUN#11 RQ#162 SPEED#772C

DATE: 2/25/77

RACIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	2.2	1.8	2.0	32.2	42.2	52.2	62.2	72.2	81.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	(Pa)
	ANGLES FROM INLET																		
52	3.15	2.82	-2.84	-3.17	-2.13	-2.11	-1.11	3.90	2.47	5.24	4.122	8.879							
63	-4.69	-2.13	-3.22	-2.06	-2.24	-2.07	-1.15	2.59	-1.75	1.293	4.178	9.628							
M2	6.24	3.94	-4.12	-3.85	-3.22	-3.23	-1.24	2.88	4.977	1.923	4.854	8.417							
102	-6.36	-4.93	-5.24	-4.97	-3.79	-3.25	-1.43	4.429	1.296	2.373	5.145	6.218							
125	-1.71	7.943	7.582	-7.59	-3.76	-2.69	-1.49	3.434	6.523	3.583	1.474	3.445							
162	-4.02	-2.97	-3.19	-4.45	-3.18	-2.42	-1.87	4.28	1.672	2.77	4.694	6.599							
252	-4.83	-2.12	-2.32	-3.38	-2.82	-3.58	-1.54	3.58	2.287	2.747	4.681	5.268							
312	-4.26	-0.39	-1.84	-1.77	-2.23	-2.47	-1.29	1.23	9.296	2.082	4.784	5.141							
402	-3.18	-2.99	-2.34	-1.92	-3.29	-2.76	-1.25	9.122	1.833	3.293	5.458	4.634							
502	-2.31	-3.61	-4.29	-4.22	-3.42	-2.88	-1.22	1.29	2.594	2.882	5.273	4.779							
631	-4.42	-2.29	-3.18	-1.74	-1.99	-0.89	-1.23	1.22	3.232	3.743	4.646	3.342							
802	-2.21	-2.32	-2.17	-2.89	-1.81	-0.231	-1.23	1.736	3.893	3.169	3.738	2.253							
1002	-4.22	-2.35	-2.17	-1.47	-3.685	-0.143	-1.23	1.797	2.269	3.243	2.717	1.777							
1232	-5.22	-1.68	-1.783	-3.84	-4.587	-2.129	-1.23	0.331	3.34	3.838	5.616	3.771							
1602	-6.99	-4.78	-1.18	1.779	4.431	2.091	-1.23	0.758	-0.86	-0.959	-1.19	-3.52							
2002	-2.74	-4.48	-1.18	2.279	4.287	1.743	-1.23	0.571	2.338	1.73	-2.21	-4.39							
2502	-4.84	-1.19	0.324	2.534	3.294	3.089	-1.23	0.511	0.259	-2.10	-3.79	-3.81							
3152	-1.89	-1.59	1.247	3.327	3.435	3.183	-1.23	0.271	0.439	-1.87	-2.12	-3.31							
4002	-1.57	-2.54	2.884	-1.425	2.742	4.746	-1.23	0.244	1.491	-1.83	-3.21	-4.39							
5002	-1.07	-2.19	4.892	-3.387	3.173	3.884	-1.23	0.222	2.365	-1.89	-3.48	-8.47							
6302	1.066	0.897	0.118	1.127	2.293	1.926	-1.23	0.222	1.942	-1.93	-3.19	-3.44							
8002	0.597	-2.84	-1.128	2.498	4.217	2.248	-1.23	0.173	1.694	-1.89	-2.94	-3.67							
10502	-2.55	-2.69	-0.74	0.616	3.825	2.128	-1.23	0.168	1.683	-1.39	-2.81	-4.62							

AMBIENT TEMP. 33.22
 WET-BULB TEMP. 27.49
 BAR. PRESSURE 28.96
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5B - 5C T/C 1/30/77 R/D 2/3/72-3

RUN#11 R08039E SPEED#7780

STATIC PRESSURE LEVELS DIRECTIVITY INDEX

FREQ.	20.2	18.2	20.2	32.2	42.2	52.2	62.2	72.2	81.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2
50	-3.15	-2.92	-2.64	-1.12	-2.11	-2.81	-1.11	3.24	3.47	3.22	4.12	3.22	4.12	3.22	4.12	3.22	4.12	3.22	4.12	3.22
60	-4.69	-2.33	-3.22	-2.66	-2.24	-2.87	-1.15	2.35	2.14	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
80	-6.24	-4.94	-4.12	-1.83	-3.22	-3.24	3.24	2.15	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22
100	-1.71	-2.94	-2.58	-7.23	-3.79	-3.25	-1.43	4.42	2.29	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73
120	-4.62	-2.97	-3.59	-4.45	-3.15	-2.42	-1.87	1.42	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52
140	-4.26	-2.39	-3.84	-1.77	-2.23	-2.47	-1.54	1.42	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27	2.27
160	-3.18	-2.99	-2.34	-1.92	-3.28	-2.74	-1.22	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
180	-5.11	-3.61	-4.22	-4.22	-1.42	-2.84	-1.22	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
200	-4.42	-2.29	-3.19	-1.74	-1.99	-1.59	-1.42	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
220	-2.22	-2.34	-2.17	-2.89	-1.91	-2.21	-1.42	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
240	-6.29	-4.75	-1.19	1.77	4.31	2.51	-1.22	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
260	-1.85	-1.59	1.24	1.32	1.45	1.82	-1.52	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
280	-1.57	-2.94	-2.84	-1.42	2.74	4.24	-1.52	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
300	1.86	1.92	1.18	1.12	2.23	1.94	-1.52	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
320	-4.97	-2.84	-1.24	-2.22	3.27	3.24	-1.52	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
340	-2.55	-2.69	-1.74	-1.61	3.25	2.28	-1.52	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23

C105

AIRLINE TEMP. 31.22
 MET-B-LB TEMP. 27.49
 BAR. PRESSURE 28.94
 ABS. HUMIDITY 2.472

FAA PAY/COMPRESSOR - PHASE 5B - FC T/C 1/32/73 R/D 2/3/72-3

RUN:11 R08018C SPEED:7720

DATE: 2/25/77

RACIAL DISTANCE 152

PAGE: 2

SOURCE PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	2.8	18.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2					
52	-4.48	-5.77	-5.74	-5.27	-4.47	-4.58	-2.94	-1.24	-1.11	1.838	5.276	9.287	-2.26	-1.69	-3.13	1.825	5.225	9.527	-1.99	-2.83	6.717	2.481	5.541	8.918
63	-7.55	-4.45	-6.21	-5.97	-4.28	-4.87	-7.95	-6.30	-6.71	-6.17	-4.28	-3.93	-1.78	-6.920	1.756	2.945	5.588	8.498	-0.89	2.764	1.324	2.513	1.521	4.359
102	-4.48	-2.69	-4.34	-5.42	-2.76	-2.87	-4.39	-3.53	-3.52	-3.55	-3.51	-2.53	-0.72	1.196	2.891	3.894	4.734	4.432	-0.82	1.755	2.602	3.568	3.356	3.772
122	-4.14	-2.35	-3.53	-3.34	-4.07	-2.14	-4.88	-3.74	-3.68	-3.39	-2.99	-1.65	-1.22	1.122	2.793	3.594	4.819	5.626	-0.82	1.755	2.602	3.568	3.356	3.772
162	-3.71	-4.34	-3.52	-2.56	-3.78	-1.97	-3.71	-4.34	-3.52	-2.56	-3.78	-1.97	-1.16	1.221	3.137	4.977	3.954	3.194	-1.84	1.976	1.949	1.994	0.742	-1.42
202	-4.71	-3.69	-4.74	-3.18	-3.86	-7.84	-4.71	-3.69	-4.74	-3.18	-3.86	-7.84	-0.72	1.196	2.118	3.688	2.487	0.889	-1.84	1.976	1.949	1.994	0.742	-1.42
242	-4.36	-2.56	-3.66	-4.83	-3.535	-1.761	-4.36	-2.56	-3.66	-4.83	-3.535	-1.761	1.841	0.990	1.334	0.743	0.339	-2.66	-1.87	1.229	-2.43	1.683	1.92	-4.42
282	-3.27	-1.91	-1.46	-3.49	-3.183	-2.974	-3.27	-1.91	-1.46	-3.49	-3.183	-2.974	0.471	0.786	0.808	-1.67	-2.93	-4.29	-2.71	1.232	-2.92	-1.56	-4.27	-2.98
322	-1.74	-1.28	-7.615	-2.133	-2.335	-6.432	-1.74	-1.28	-7.615	-2.133	-2.335	-6.432	1.737	2.786	1.271	-1.42	-2.71	-3.75	4.888	2.137	3.113	-1.59	-6.32	-4.73
362	-1.717	-1.937	-4.424	-1.28	-2.342	-1.349	-1.717	-1.937	-4.424	-1.28	-2.342	-1.349	1.274	2.887	1.222	-1.17	-2.27	-3.28	1.287	2.332	1.729	-1.33	-2.08	-3.82
402	-2.54	-2.75	-2.11	-4.82	-3.598	-6.641	-2.54	-2.75	-2.11	-4.82	-3.598	-6.641	2.289	3.692	2.269	-3.58	-1.89	-1.35						

C107

AMBIENT TEMP. 33.22
 MET-BULB TEMP. 27.49
 BAR. PRESSURE 28.86
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 9B * 5C T/D 1/32/76 R/C 2/3/78-3

RUN-11 R080181 SPEED=7987

DATE: 2/5/77

PAGE: 1

PARTIAL DISTANCE 150

STAT. PRESSURE LEVELS REDUCED AT STANDARD DAY

FREQ.	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2
50	70.29	78.44	74.94	74.94	77.99	74.54	79.59	81.71	81.34	83.45	85.56	88.68	91.80	94.92	98.04	101.16	104.28
63	76.81	79.74	78.55	79.27	79.54	80.81	82.11	82.41	82.71	83.01	83.31	83.61	83.91	84.21	84.51	84.81	85.11
82	74.51	78.87	78.33	78.88	80.88	81.71	82.54	83.37	84.20	85.03	85.86	86.69	87.52	88.35	89.18	90.01	90.84
122	78.29	79.79	77.75	75.79	81.25	81.93	82.61	83.29	83.97	84.65	85.33	86.01	86.69	87.37	88.05	88.73	89.41
125	82.27	81.54	82.92	82.47	82.44	81.11	82.79	83.58	84.37	85.16	85.95	86.74	87.53	88.32	89.11	89.90	90.69
161	82.27	83.15	81.71	81.64	82.56	83.57	84.58	85.59	86.60	87.61	88.62	89.63	90.64	91.65	92.66	93.67	94.68
222	73.31	78.42	74.42	73.48	75.81	77.81	79.81	81.81	83.81	85.81	87.81	89.81	91.81	93.81	95.81	97.81	99.81
252	79.79	79.28	79.32	76.23	79.71	76.17	79.65	82.53	85.41	88.29	91.17	94.05	96.93	99.81	102.69	105.57	108.45
312	88.81	82.12	82.46	82.54	82.19	88.37	91.25	94.13	97.01	99.89	102.77	105.65	108.53	111.41	114.29	117.17	120.05
427	82.79	84.29	82.37	82.95	83.19	84.85	87.73	90.61	93.49	96.37	99.25	102.13	105.01	107.89	110.77	113.65	116.53
522	81.53	82.31	81.12	82.94	84.55	85.29	87.17	89.05	90.93	92.81	94.69	96.57	98.45	100.33	102.21	104.09	105.97
632	82.57	82.46	82.29	82.84	82.73	83.44	84.15	84.86	85.57	86.28	86.99	87.70	88.41	89.12	89.83	90.54	91.25
822	83.88	82.71	82.41	82.77	83.28	84.21	85.14	86.07	87.00	87.93	88.86	89.79	90.72	91.65	92.58	93.51	94.44
1022	81.79	83.25	84.32	85.13	86.41	86.23	87.50	88.77	90.04	91.31	92.58	93.85	95.12	96.39	97.66	98.93	100.20
1252	84.74	88.14	91.52	95.40	94.29	94.47	95.74	97.01	98.28	99.55	100.82	102.09	103.36	104.63	105.90	107.17	108.44
1688	88.97	82.27	84.78	88.28	91.68	88.25	91.65	95.05	98.45	101.85	105.25	108.65	112.05	115.45	118.85	122.25	125.65
2288	82.17	82.34	83.17	83.38	83.79	84.44	85.09	85.74	86.39	87.04	87.69	88.34	88.99	89.64	90.29	90.94	91.59
2982	88.22	82.67	83.93	85.19	85.39	85.69	85.99	86.29	86.59	86.89	87.19	87.49	87.79	88.09	88.39	88.69	88.99
3152	85.24	87.71	88.87	89.73	90.19	89.15	90.42	91.69	92.96	94.23	95.50	96.77	98.04	99.31	100.58	101.85	103.12
4082	87.95	86.92	88.31	89.85	89.71	87.74	89.18	90.62	92.06	93.50	94.94	96.38	97.82	99.26	100.70	102.14	103.58
6382	88.74	87.21	88.38	89.32	84.21	82.81	84.58	86.35	88.12	89.89	91.66	93.43	95.20	96.97	98.74	100.51	102.28
8382	87.88	87.89	86.89	87.65	88.97	88.73	89.94	91.15	92.36	93.57	94.78	95.99	97.20	98.41	99.62	100.83	102.04
8882	88.55	85.32	87.23	88.45	82.84	82.85	84.06	85.27	86.48	87.69	88.90	90.11	91.32	92.53	93.74	94.95	96.16
12782	87.82	87.21	87.44	88.85	94.34	89.26	90.47	91.68	92.89	94.10	95.31	96.52	97.73	98.94	100.15	101.36	102.57
MEASURED QASPL	86.74	102.4	100.3	101.9	103.3	101.9	103.3	104.7	106.1	107.5	108.9	110.3	111.7	113.1	114.5	115.9	117.3
CALCULATED QASPL	98.33	98.63	97.87	101.3	102.9	101.3	102.9	104.5	106.1	107.7	109.3	110.9	112.5	114.1	115.7	117.3	118.9
P.09	112.1	113.2	113.7	114.0	115.9	114.6	116.5	118.4	120.3	122.2	124.1	126.0	127.9	129.8	131.7	133.6	135.5

156.6

AMBIENT TEMP. 33.0
 MET-BALL TEMP. 27.49
 BAR. PRESSURE 28.96
 ABS. HUMIDITY 2.422

FAA FA/COMPRESSOR PHASE 30 & 50 T/D 1/32/72 R/C 2/3/72-3

RUN#11 ADDR#182 SPEED#8182

DATE: 2/15/77

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ:	2.2	12.2	20.2	32.2	45.2	58.2	72.2	88.2	122.2	152.2	202.2	282.2	402.2	582.2	882.2	1282.2	1982.2	2982.2	5482.2	10482.2
52	-5.25	-6.19	-7.57	-9.54	-11.89	-14.94	-18.94	-23.94	-29.94	-36.94	-44.94	-53.94	-63.94	-74.94	-86.94	-99.94	-114.94	-131.94	-151.94	-174.94
63	-8.59	-9.67	-11.24	-13.57	-16.57	-20.17	-24.37	-29.17	-34.57	-40.57	-47.17	-54.17	-61.17	-68.17	-75.17	-82.17	-89.17	-96.17	-103.17	-110.17
80	-12.87	-14.11	-15.84	-18.17	-21.17	-24.77	-28.97	-33.77	-39.17	-45.17	-51.17	-57.17	-63.17	-69.17	-75.17	-81.17	-87.17	-93.17	-99.17	-105.17
100	-17.17	-18.67	-20.57	-23.17	-26.17	-29.17	-32.17	-35.17	-38.17	-41.17	-44.17	-47.17	-50.17	-53.17	-56.17	-59.17	-62.17	-65.17	-68.17	-71.17
125	-21.25	-22.94	-24.94	-27.17	-29.57	-32.17	-34.57	-37.17	-39.57	-42.17	-44.57	-47.17	-49.57	-52.17	-54.57	-57.17	-59.57	-62.17	-64.57	-67.17
160	-25.89	-27.77	-29.94	-32.17	-34.57	-37.17	-39.57	-42.17	-44.57	-47.17	-49.57	-52.17	-54.57	-57.17	-59.57	-62.17	-64.57	-67.17	-69.57	-72.17
200	-30.89	-32.94	-35.17	-37.57	-40.17	-42.57	-45.17	-47.57	-50.17	-52.57	-55.17	-57.57	-60.17	-62.57	-65.17	-67.57	-70.17	-72.57	-75.17	-77.57
250	-36.17	-38.37	-40.77	-43.17	-45.57	-48.17	-50.57	-53.17	-55.57	-58.17	-60.57	-63.17	-65.57	-68.17	-70.57	-73.17	-75.57	-78.17	-80.57	-83.17
315	-41.89	-44.17	-46.57	-49.17	-51.57	-54.17	-56.57	-59.17	-61.57	-64.17	-66.57	-69.17	-71.57	-74.17	-76.57	-79.17	-81.57	-84.17	-86.57	-89.17
400	-48.17	-50.57	-53.17	-55.57	-58.17	-60.57	-63.17	-65.57	-68.17	-70.57	-73.17	-75.57	-78.17	-80.57	-83.17	-85.57	-88.17	-90.57	-93.17	-95.57
500	-55.17	-57.57	-60.17	-62.57	-65.17	-67.57	-70.17	-72.57	-75.17	-77.57	-80.17	-82.57	-85.17	-87.57	-90.17	-92.57	-95.17	-97.57	-100.17	-102.57
630	-62.17	-64.57	-67.17	-69.57	-72.17	-74.57	-77.17	-79.57	-82.17	-84.57	-87.17	-89.57	-92.17	-94.57	-97.17	-99.57	-102.17	-104.57	-107.17	-109.57
800	-70.17	-72.57	-75.17	-77.57	-80.17	-82.57	-85.17	-87.57	-90.17	-92.57	-95.17	-97.57	-100.17	-102.57	-105.17	-107.57	-110.17	-112.57	-115.17	-117.57
1000	-78.17	-80.57	-83.17	-85.57	-88.17	-90.57	-93.17	-95.57	-98.17	-100.57	-103.17	-105.57	-108.17	-110.57	-113.17	-115.57	-118.17	-120.57	-123.17	-125.57
1250	-86.17	-88.57	-91.17	-93.57	-96.17	-98.57	-101.17	-103.57	-106.17	-108.57	-111.17	-113.57	-116.17	-118.57	-121.17	-123.57	-126.17	-128.57	-131.17	-133.57
1500	-94.17	-96.57	-99.17	-101.57	-104.17	-106.57	-109.17	-111.57	-114.17	-116.57	-119.17	-121.57	-124.17	-126.57	-129.17	-131.57	-134.17	-136.57	-139.17	-141.57
1800	-102.17	-104.57	-107.17	-109.57	-112.17	-114.57	-117.17	-119.57	-122.17	-124.57	-127.17	-129.57	-132.17	-134.57	-137.17	-139.57	-142.17	-144.57	-147.17	-149.57
2000	-110.17	-112.57	-115.17	-117.57	-120.17	-122.57	-125.17	-127.57	-130.17	-132.57	-135.17	-137.57	-140.17	-142.57	-145.17	-147.57	-150.17	-152.57	-155.17	-157.57
2500	-118.17	-120.57	-123.17	-125.57	-128.17	-130.57	-133.17	-135.57	-138.17	-140.57	-143.17	-145.57	-148.17	-150.57	-153.17	-155.57	-158.17	-160.57	-163.17	-165.57
3150	-126.17	-128.57	-131.17	-133.57	-136.17	-138.57	-141.17	-143.57	-146.17	-148.57	-151.17	-153.57	-156.17	-158.57	-161.17	-163.57	-166.17	-168.57	-171.17	-173.57
4000	-134.17	-136.57	-139.17	-141.57	-144.17	-146.57	-149.17	-151.57	-154.17	-156.57	-159.17	-161.57	-164.17	-166.57	-169.17	-171.57	-174.17	-176.57	-179.17	-181.57
5000	-142.17	-144.57	-147.17	-149.57	-152.17	-154.57	-157.17	-159.57	-162.17	-164.57	-167.17	-169.57	-172.17	-174.57	-177.17	-179.57	-182.17	-184.57	-187.17	-189.57
6300	-150.17	-152.57	-155.17	-157.57	-160.17	-162.57	-165.17	-167.57	-170.17	-172.57	-175.17	-177.57	-180.17	-182.57	-185.17	-187.57	-190.17	-192.57	-195.17	-197.57
8000	-158.17	-160.57	-163.17	-165.57	-168.17	-170.57	-173.17	-175.57	-178.17	-180.57	-183.17	-185.57	-188.17	-190.57	-193.17	-195.57	-198.17	-200.57	-203.17	-205.57
10000	-166.17	-168.57	-171.17	-173.57	-176.17	-178.57	-181.17	-183.57	-186.17	-188.57	-191.17	-193.57	-196.17	-198.57	-201.17	-203.57	-206.17	-208.57	-211.17	-213.57

C109

AMBIENT TEMP: 33.88
 WET-BULB TEMP: 27.49
 BAR. PRESSURE: 28.96
 ABS. HUMIDITY: 2.472

FAA FAN/COMPRESSOR - PHASE 50 @ 50 7/C 1/32/77 R/C 2/3/77-3

RUN#11 RDB#162 SPEED#0107

DATE: 2/25/70

SOUND PRESSURE LEVELS REDUCED AT STANDARD 5A

RACIAL DISTANCE 150

	2.2	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	
FREQ:	63	70	79	88	98	108	118	129	140	151	163	175	187	199	211	224	237	250	263	277	291	
52	60	68	77	86	95	104	114	124	134	144	154	164	174	184	194	204	214	224	234	244	254	
63	70	79	88	98	108	118	129	140	151	163	175	187	199	211	224	237	250	263	277	291	305	
80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320
125	140	155	170	185	200	215	230	245	260	275	290	305	320	335	350	365	380	395	410	425	440	455
150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	375	390	405	420	435	450	465	480
175	190	205	220	235	250	265	280	295	310	325	340	355	370	385	400	415	430	445	460	475	490	505
200	215	230	245	260	275	290	305	320	335	350	365	380	395	410	425	440	455	470	485	500	515	530
250	265	280	295	310	325	340	355	370	385	400	415	430	445	460	475	490	505	520	535	550	565	580
315	330	345	360	375	390	405	420	435	450	465	480	495	510	525	540	555	570	585	600	615	630	645
400	415	430	445	460	475	490	505	520	535	550	565	580	595	610	625	640	655	670	685	700	715	730
500	515	530	545	560	575	590	605	620	635	650	665	680	695	710	725	740	755	770	785	800	815	830
630	645	660	675	690	705	720	735	750	765	780	795	810	825	840	855	870	885	900	915	930	945	960
800	815	830	845	860	875	890	905	920	935	950	965	980	995	1010	1025	1040	1055	1070	1085	1100	1115	1130
1000	1015	1030	1045	1060	1075	1090	1105	1120	1135	1150	1165	1180	1195	1210	1225	1240	1255	1270	1285	1300	1315	1330
1250	1265	1280	1295	1310	1325	1340	1355	1370	1385	1400	1415	1430	1445	1460	1475	1490	1505	1520	1535	1550	1565	1580
1500	1515	1530	1545	1560	1575	1590	1605	1620	1635	1650	1665	1680	1695	1710	1725	1740	1755	1770	1785	1800	1815	1830
2000	2015	2030	2045	2060	2075	2090	2105	2120	2135	2150	2165	2180	2195	2210	2225	2240	2255	2270	2285	2300	2315	2330
2500	2515	2530	2545	2560	2575	2590	2605	2620	2635	2650	2665	2680	2695	2710	2725	2740	2755	2770	2785	2800	2815	2830
3150	3165	3180	3195	3210	3225	3240	3255	3270	3285	3300	3315	3330	3345	3360	3375	3390	3405	3420	3435	3450	3465	3480
4000	4015	4030	4045	4060	4075	4090	4105	4120	4135	4150	4165	4180	4195	4210	4225	4240	4255	4270	4285	4300	4315	4330
5000	5015	5030	5045	5060	5075	5090	5105	5120	5135	5150	5165	5180	5195	5210	5225	5240	5255	5270	5285	5300	5315	5330
6300	6315	6330	6345	6360	6375	6390	6405	6420	6435	6450	6465	6480	6495	6510	6525	6540	6555	6570	6585	6600	6615	6630
8000	8015	8030	8045	8060	8075	8090	8105	8120	8135	8150	8165	8180	8195	8210	8225	8240	8255	8270	8285	8300	8315	8330
10000	10015	10030	10045	10060	10075	10090	10105	10120	10135	10150	10165	10180	10195	10210	10225	10240	10255	10270	10285	10300	10315	10330

MEASURED CASPL
CALCULATED CASPL

AMBIENT TEMP: 33.02
METEOROL TEMP: 27.49
BAR. PRESSURE: 26.96
ABS. HUMIDITY: 2.472

FAA FAN/COMPRESSOR - PHASE 5B # 5C T/D 1/32/70 R/C 2/3/70-3

RUMBLE: 0000103 SPEED: 0302

CAPAL: 150.9

DATE: 2/75/77

RADIAL DISTANCE 182

PAGE: 2

SCUD PRESSURE LEVELS DIRECTIVITY INDEX

FRSB	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2
51	2.63	-2.42	-7.44	-6.74	-5.52	-5.14	-3.17	-1.45	1.59	1.749	5.451	12.27							
52	8.75	-6.82	-7.52	-6.77	-6.76	-5.97	-3.28	-1.56	1.27	1.371	5.332	10.33							
53	3.37	-7.67	-7.63	-6.86	-6.71	-5.88	-2.32	-1.883	2.892	1.922	5.849	9.431							
54	8.48	-7.27	-6.95	-6.73	-5.61	-4.69	-2.56	-1.490	5.225	2.277	6.117	9.283							
55	-1.92	-4.25	-2.95	-4.27	-2.27	-1.355	1.17	2.371	1.136	1.359	4.153	7.824							
56	-2.23	-7.25	-2.98	-7.49	-2.27	-1.624	1.377	5.935	2.429	1.673	4.722	6.429							
57	2.61	-3.72	-6.22	-4.86	-3.28	-1.77	-0.815	2.211	2.222	3.311	2.322	6.347							
58	-2.96	-3.82	-2.83	-3.43	-4.42	-3.32	-1.837	1.178	2.248	3.521	6.201	4.373							
59	-4.97	-2.89	-2.93	-4.18	-4.28	-3.26	1.029	2.759	2.533	3.265	5.285	4.173							
60	-2.34	-4.25	-3.121	-3.28	-2.17	-1.33	1.253	1.292	3.145	4.221	4.655	3.225							
61	-4.72	-2.47	-1.129	-2.15	-1.36	-1.932	1.976	1.941	2.141	3.384	4.899	2.534							
62	-3.17	-6.928	2.374	4.212	2.339	-1.89	-1.781	1.988	2.138	-1.45	6.313	5.197							
63	-2.69	-3.27	-2.21	2.11	1.65	3.188	1.872	1.988	2.156	2.714	2.225	2.824							
64	4.68	-1.68	1.891	2.332	4.052	2.348	1.692	-1.73	-1.487	-2.22	1.24	-3.38							
65	4.44	-4.81	3.868	2.159	4.165	1.599	1.249	-1.13	6.353	-1.829	-1.821	-2.59							
66	2.56	-2.39	2.123	2.223	2.331	2.664	2.216	1.445	2.273	3.397	1.732	-2.52							
67	-3.34	-7.86	1.145	1.289	2.983	4.344	1.398	1.994	1.878	-0.73	-1.78	-2.81							
68	-3.99	4.79	1.147	2.332	1.742	2.396	1.84	1.794	1.752	-1.482	-1.39	-2.27							
69	1.628	-1.43	1.213	1.398	2.881	1.197	1.629	2.936	1.582	-1.39	-2.29	-3.68							
70	-3.14	1.886	-1.339	-6.31	1.939	3.489	1.289	2.252	3.511	-2.32	-1.94	-8.61							
71	-2.39	-3.73	-2.742	-3.32	4.212	2.639	1.583	3.197	1.896	-1.07	-2.51	-5.27							
72	-2.95	-4.13	-2.68	-1.88	4.219	-1.784	2.239	3.436	2.129	-1.857	-2.68	-5.24							

AMBIENT TEMP. 33.26
 MET-BULB TEMP. 27.49
 BAR. PRESSURE 28.96
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5B - 5C 7/D 1/32/77 R/C 2/3/72-3

RUN#11 RDG#123 SPEED#6307

DATE: 2/25/72

RAJAL DISTANCE 152

SCALD PRESSURE LEVELS REDUCED AT STA LADD 2AV

FREQ	2.2	10.2	22.0	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2
42	78.87	76.41	79.21	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38	84.38
63	82.27	79.48	82.12	87.33	87.33	87.33	87.33	87.33	87.33	87.33	87.33	87.33	87.33	87.33	87.33	87.33	87.33	87.33	87.33
68	84.78	81.79	84.81	89.82	89.82	89.82	89.82	89.82	89.82	89.82	89.82	89.82	89.82	89.82	89.82	89.82	89.82	89.82	89.82
102	87.15	84.54	87.59	91.61	91.61	91.61	91.61	91.61	91.61	91.61	91.61	91.61	91.61	91.61	91.61	91.61	91.61	91.61	91.61
125	89.33	86.41	89.44	92.51	92.51	92.51	92.51	92.51	92.51	92.51	92.51	92.51	92.51	92.51	92.51	92.51	92.51	92.51	92.51
161	91.55	88.49	91.79	94.99	94.99	94.99	94.99	94.99	94.99	94.99	94.99	94.99	94.99	94.99	94.99	94.99	94.99	94.99	94.99
202	93.75	90.75	93.52	96.86	96.86	96.86	96.86	96.86	96.86	96.86	96.86	96.86	96.86	96.86	96.86	96.86	96.86	96.86	96.86
252	95.78	92.86	95.94	99.04	99.04	99.04	99.04	99.04	99.04	99.04	99.04	99.04	99.04	99.04	99.04	99.04	99.04	99.04	99.04
312	97.52	94.99	97.63	101.91	101.91	101.91	101.91	101.91	101.91	101.91	101.91	101.91	101.91	101.91	101.91	101.91	101.91	101.91	101.91
422	99.17	96.86	99.17	103.32	103.32	103.32	103.32	103.32	103.32	103.32	103.32	103.32	103.32	103.32	103.32	103.32	103.32	103.32	103.32
522	100.75	98.49	100.75	105.82	105.82	105.82	105.82	105.82	105.82	105.82	105.82	105.82	105.82	105.82	105.82	105.82	105.82	105.82	105.82
632	102.19	100.07	102.19	108.33	108.33	108.33	108.33	108.33	108.33	108.33	108.33	108.33	108.33	108.33	108.33	108.33	108.33	108.33	108.33
822	104.48	102.48	104.48	111.84	111.84	111.84	111.84	111.84	111.84	111.84	111.84	111.84	111.84	111.84	111.84	111.84	111.84	111.84	111.84
1022	106.75	104.75	106.75	115.35	115.35	115.35	115.35	115.35	115.35	115.35	115.35	115.35	115.35	115.35	115.35	115.35	115.35	115.35	115.35
1252	108.99	107.07	108.99	118.86	118.86	118.86	118.86	118.86	118.86	118.86	118.86	118.86	118.86	118.86	118.86	118.86	118.86	118.86	118.86
1622	111.25	109.44	111.25	122.37	122.37	122.37	122.37	122.37	122.37	122.37	122.37	122.37	122.37	122.37	122.37	122.37	122.37	122.37	122.37
2022	113.52	111.81	113.52	125.88	125.88	125.88	125.88	125.88	125.88	125.88	125.88	125.88	125.88	125.88	125.88	125.88	125.88	125.88	125.88
2522	115.78	114.27	115.78	129.39	129.39	129.39	129.39	129.39	129.39	129.39	129.39	129.39	129.39	129.39	129.39	129.39	129.39	129.39	129.39
3022	118.04	116.73	118.04	132.90	132.90	132.90	132.90	132.90	132.90	132.90	132.90	132.90	132.90	132.90	132.90	132.90	132.90	132.90	132.90
3522	120.30	119.49	120.30	136.41	136.41	136.41	136.41	136.41	136.41	136.41	136.41	136.41	136.41	136.41	136.41	136.41	136.41	136.41	136.41
4022	122.56	121.95	122.56	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92	139.92
4522	124.82	124.82	124.82	143.43	143.43	143.43	143.43	143.43	143.43	143.43	143.43	143.43	143.43	143.43	143.43	143.43	143.43	143.43	143.43
5022	127.08	127.08	127.08	146.94	146.94	146.94	146.94	146.94	146.94	146.94	146.94	146.94	146.94	146.94	146.94	146.94	146.94	146.94	146.94
5522	129.34	129.34	129.34	150.45	150.45	150.45	150.45	150.45	150.45	150.45	150.45	150.45	150.45	150.45	150.45	150.45	150.45	150.45	150.45
6022	131.60	131.60	131.60	153.96	153.96	153.96	153.96	153.96	153.96	153.96	153.96	153.96	153.96	153.96	153.96	153.96	153.96	153.96	153.96
6522	133.86	133.86	133.86	157.47	157.47	157.47	157.47	157.47	157.47	157.47	157.47	157.47	157.47	157.47	157.47	157.47	157.47	157.47	157.47
7022	136.12	136.12	136.12	160.98	160.98	160.98	160.98	160.98	160.98	160.98	160.98	160.98	160.98	160.98	160.98	160.98	160.98	160.98	160.98
7522	138.38	138.38	138.38	164.49	164.49	164.49	164.49	164.49	164.49	164.49	164.49	164.49	164.49	164.49	164.49	164.49	164.49	164.49	164.49
8022	140.64	140.64	140.64	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00	168.00
8522	142.90	142.90	142.90	171.51	171.51	171.51	171.51	171.51	171.51	171.51	171.51	171.51	171.51	171.51	171.51	171.51	171.51	171.51	171.51
9022	145.16	145.16	145.16	175.02	175.02	175.02	175.02	175.02	175.02	175.02	175.02	175.02	175.02	175.02	175.02	175.02	175.02	175.02	175.02
9522	147.42	147.42	147.42	178.53	178.53	178.53	178.53	178.53	178.53	178.53	178.53	178.53	178.53	178.53	178.53	178.53	178.53	178.53	178.53
10022	149.68	149.68	149.68	182.04	182.04	182.04	182.04	182.04	182.04	182.04	182.04	182.04	182.04	182.04	182.04	182.04	182.04	182.04	182.04
10522	151.94	151.94	151.94	185.55	185.55	185.55	185.55	185.55	185.55	185.55	185.55	185.55	185.55	185.55	185.55	185.55	185.55	185.55	185.55
11022	154.20	154.20	154.20	189.06	189.06	189.06	189.06	189.06	189.06	189.06	189.06	189.06	189.06	189.06	189.06	189.06	189.06	189.06	189.06
11522	156.46	156.46	156.46	192.57	192.57	192.57	192.57	192.57	192.57	192.57	192.57	192.57	192.57	192.57	192.57	192.57	192.57	192.57	192.57
12022	158.72	158.72	158.72	196.08	196.08	196.08	196.08	196.08	196.08	196.08	196.08	196.08	196.08	196.08	196.08	196.08	196.08	196.08	196.08
12522	160.98	160.98	160.98	199.59	199.59	199.59	199.59	199.59	199.59	199.59	199.59	199.59	199.59	199.59	199.59	199.59	199.59	199.59	199.59
13022	163.24	163.24	163.24	203.10	203.10	203.10	203.10	203.10	203.10	203.10	203.10	203.10	203.10	203.10	203.10	203.10	203.10	203.10	203.10
13522	165.50	165.50	165.50	206.61	206.61	206.61	206.61	206.61	206.61	206.61	206.61	206.61	206.61	206.61	206.61	206.61	206.61	206.61	206.61
14022	167.76	167.76	167.76	210.12	210.12	210.12	210.12	210.12	210.12	210.12	210.12	210.12	210.12	210.12	210.12	210.12	210.12	210.12	210.12
14522	170.02	170.02	170.02	213.63	213.63	213.63	213.63	213.63	213.63	213.63	213.63	213.63	213.63	213.63	213.63	213.63	213.63	213.63	213.63
15022	172.28	172.28	172.28	217.14	217.14	217.14	217.14	217.14	217.14	217.14	217.14	217.14	217.14	217.14	217.14	217.14	217.14	217.14	217.14
15522	174.54	174.54	174.54	220.65	220.65	220.65	220.65	220.65	220.65	220.65	220.65	220.65	220.65	220.65	220.65	220.65	220.65	220.65	220.65
16022	176.80	176.80	176.80	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16
16522	179.06	179.06	179.06	227.67	227.67	227.67	227.67	227.67	227.67	227.67	227.67	227.67	227.67	227.67	227.67	227.67	227.67	227.67	227.67
17022	181.32	181.32	181.32	231.18	231.18	231.18	231.18	231.18	231.18	231.18	231.18	231.18	231.18	231.18	231.18	231.18	231.18	231.18	231.18
17522	183.58	183.58	183.58	234.69	234.69	234.69	234.69	234.69	234.69	234.69	234.69	234.69	234.69	234.69	234.69	234.69	234.69	234.69	234.69
18022	185.84	185.84	185.84	238.20	238.20	238.20	238.20	238.20	238.20	238.20	238.20	238.20	238.20	238.20	238.20	238.20	238.20	238.20	238.20
18522	188.10	188.10	188.10	241.71	241.71	241.71	241.71	24											

RADIAL DISTANCE 156
 SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2
52	-5.66	-7.12	-7.32	-6.78	-5.82	-5.82	-3.49	-1.62	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08
63	-8.09	-6.66	-7.45	-6.91	-6.56	-6.27	-3.81	-1.79	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29
82	-8.78	-7.23	-7.55	-6.73	-6.12	-6.79	-2.69	-1.82	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
122	-7.87	-7.15	-8.72	-6.67	-5.45	-4.59	-2.23	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
162	-6.69	-5.43	-6.35	-6.93	-5.54	-2.99	-1.825	-1.425	-1.272	-1.254	-1.254	-1.254	-1.254	-1.254	-1.254	-1.254	-1.254
202	-5.94	-3.22	-3.77	-5.99	-6.37	-1.42	-1.128	-1.732	-1.508	-1.257	-1.155	-1.155	-1.155	-1.155	-1.155	-1.155	-1.155
242	-4.82	-4.28	-4.33	-4.97	-4.15	-2.26	-1.775	-2.278	-2.108	-1.499	-1.461	-1.461	-1.461	-1.461	-1.461	-1.461	-1.461
282	-3.14	-2.68	-2.25	-2.74	-3.15	-2.54	-1.445	-1.480	-2.469	-3.192	-3.227	-3.227	-3.227	-3.227	-3.227	-3.227	-3.227
322	-3.42	-3.63	-3.65	-3.67	-3.72	-1.82	-1.022	-1.417	-1.815	-2.939	-4.094	-4.094	-4.094	-4.094	-4.094	-4.094	-4.094
362	-5.62	-3.26	-2.51	-2.73	-2.22	-2.25	-1.843	-1.382	-1.923	-1.452	-1.228	-1.228	-1.228	-1.228	-1.228	-1.228	-1.228
402	-3.92	-1.948	-1.72	-1.82	-1.389	-3.86	-2.745	-1.929	-1.642	-1.487	-2.371	-2.371	-2.371	-2.371	-2.371	-2.371	-2.371
442	-4.39	-2.21	-1.839	-1.693	-1.563	-2.519	-1.859	-2.361	-1.331	-1.331	-1.331	-1.331	-1.331	-1.331	-1.331	-1.331	-1.331
482	-5.23	-3.88	-1.97	-1.734	-2.203	-1.103	-1.978	-2.285	-1.809	-2.819	-1.642	-1.642	-1.642	-1.642	-1.642	-1.642	-1.642
522	-3.12	-1.15	-1.429	-2.592	-2.942	-1.849	-1.113	-1.324	-1.647	-2.452	-1.828	-1.828	-1.828	-1.828	-1.828	-1.828	-1.828
562	-2.83	-1.32	-1.136	-1.282	-1.299	-1.223	-1.243	-1.581	-1.523	-1.169	-1.714	-1.714	-1.714	-1.714	-1.714	-1.714	-1.714
602	-1.11	-1.282	-1.868	-1.887	-2.282	-1.789	-2.258	-1.289	-1.724	-2.744	-1.442	-1.442	-1.442	-1.442	-1.442	-1.442	-1.442
642	-1.32	-1.149	-1.886	-2.351	-1.729	-1.289	-1.289	-1.932	-1.183	-1.974	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61
682	-1.91	-1.239	-1.992	-2.217	-1.322	-2.143	-1.23	-2.143	-1.874	-2.511	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16
722	-1.373	-1.51	-1.125	-1.992	-1.453	-1.747	-1.623	-1.365	-1.522	-1.42	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23	-2.23
762	-1.82	-1.45	-1.44	-1.339	-1.822	-1.849	-1.332	-1.376	-1.578	-1.31	-2.16	-2.16	-2.16	-2.16	-2.16	-2.16	-2.16
802	-1.32	-1.038	-2.39	-1.984	-1.283	-1.779	-1.159	-1.683	-1.944	-1.42	-1.71	-1.71	-1.71	-1.71	-1.71	-1.71	-1.71
842	-1.396	-1.22	-1.75	-1.454	-1.982	-1.147	-2.199	-1.538	-1.627	-1.47	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88
882	-2.82	-1.72	-1.15	-1.56	-1.752	-1.259	-2.338	-1.626	-1.688	-1.5	-2.87	-2.87	-2.87	-2.87	-2.87	-2.87	-2.87
922																	

AMBIENT TEMP: 21.22
 NET-BULB TEMP: 27.49
 BAR. PRESS. RE: 28.96
 ABS. HUMIDITY: 2.472

FAA FAN/COMPRESSOR - PHASE 9P * °C - /C 1/30/72 R/C 2/3/72-3
 RUN#11 R-3#124 SPEED#520

1113

DATE: 2/25/77

DATA: DISTANCE 152

PAGE: 1

STATION PRESSURE LEVELS MEASURED AT STA 2000 CAN

FREQ	2.2	12.2	22.2	32.2	42.2	52.2	62.2	72.2	82.2	92.2	102.2	112.2	122.2	132.2	142.2	152.2	162.2	172.2	182.2	192.2	202.2		
52	75.79	71.83	74.37	74.47	74.17	74.34	77.59	79.02	79.33	79.47	81.49	81.49	81.49	81.49	81.49	81.49	81.49	81.49	81.49	81.49	81.49	81.49	
63	76.64	75.11	74.57	75.63	76.15	76.26	78.62	79.99	80.37	81.39	83.94	83.94	83.94	83.94	83.94	83.94	83.94	83.94	83.94	83.94	83.94	83.94	83.94
82	71.35	73.26	71.10	74.15	75.18	74.33	78.91	79.65	82.37	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20
102	73.52	74.35	72.64	75.35	76.54	77.65	78.96	82.32	81.52	82.55	84.52	84.52	84.52	84.52	84.52	84.52	84.52	84.52	84.52	84.52	84.52	84.52	84.52
125	74.05	75.31	73.25	78.52	78.78	82.51	79.17	78.55	83.54	82.55	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20	83.20
162	74.74	71.61	71.21	71.39	72.51	74.59	76.27	77.63	78.34	78.87	81.73	81.73	81.73	81.73	81.73	81.73	81.73	81.73	81.73	81.73	81.73	81.73	81.73
202	68.23	69.74	69.34	69.28	69.68	71.74	72.82	74.39	75.34	75.82	77.25	77.25	77.25	77.25	77.25	77.25	77.25	77.25	77.25	77.25	77.25	77.25	77.25
252	70.78	73.14	72.48	71.88	71.27	72.62	72.86	71.97	75.17	76.45	78.23	78.23	78.23	78.23	78.23	78.23	78.23	78.23	78.23	78.23	78.23	78.23	78.23
315	76.52	78.24	76.94	75.98	74.25	75.53	77.59	79.45	82.78	82.59	83.27	83.27	83.27	83.27	83.27	83.27	83.27	83.27	83.27	83.27	83.27	83.27	83.27
422	78.17	79.57	79.48	77.99	78.41	79.43	80.97	82.82	84.28	84.22	85.57	85.57	85.57	85.57	85.57	85.57	85.57	85.57	85.57	85.57	85.57	85.57	85.57
522	78.49	78.58	77.58	78.14	78.74	82.48	81.54	82.75	84.32	84.34	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84	84.84
632	75.83	76.63	75.65	76.85	78.22	78.28	78.91	82.72	82.82	81.71	81.13	81.13	81.13	81.13	81.13	81.13	81.13	81.13	81.13	81.13	81.13	81.13	81.13
822	79.23	81.23	81.71	78.11	78.88	78.83	78.91	81.55	81.58	81.65	81.68	81.68	81.68	81.68	81.68	81.68	81.68	81.68	81.68	81.68	81.68	81.68	81.68
1022	82.16	81.79	81.69	80.78	82.36	81.89	82.77	83.77	84.39	84.56	85.93	85.93	85.93	85.93	85.93	85.93	85.93	85.93	85.93	85.93	85.93	85.93	85.93
1222	82.34	83.43	82.87	82.18	84.63	82.31	82.73	84.42	84.31	84.34	85.27	85.27	85.27	85.27	85.27	85.27	85.27	85.27	85.27	85.27	85.27	85.27	85.27
1422	82.49	82.81	82.52	82.57	84.14	82.83	85.35	86.89	87.66	85.56	82.73	81.74	81.74	81.74	81.74	81.74	81.74	81.74	81.74	81.74	81.74	81.74	81.74
1622	81.78	81.38	81.39	81.65	82.83	82.82	84.81	85.28	85.37	81.92	82.97	82.97	82.97	82.97	82.97	82.97	82.97	82.97	82.97	82.97	82.97	82.97	82.97
1822	82.89	83.49	82.31	82.11	82.28	83.89	83.17	85.18	84.44	83.29	78.32	78.99	78.99	78.99	78.99	78.99	78.99	78.99	78.99	78.99	78.99	78.99	78.99
2022	83.95	87.28	83.83	86.71	86.35	86.99	85.57	89.19	88.15	88.52	82.52	82.94	82.94	82.94	82.94	82.94	82.94	82.94	82.94	82.94	82.94	82.94	82.94
2222	89.25	86.89	92.82	94.51	95.14	92.94	94.13	94.97	92.71	89.44	97.92	85.96	85.96	85.96	85.96	85.96	85.96	85.96	85.96	85.96	85.96	85.96	85.96
2422	90.67	88.38	93.87	98.20	98.92	95.84	97.19	76.51	94.77	91.15	98.10	87.90	87.90	87.90	87.90	87.90	87.90	87.90	87.90	87.90	87.90	87.90	87.90
2622	86.39	87.12	86.82	87.31	86.35	88.25	88.25	98.56	88.99	85.54	83.86	82.45	82.45	82.45	82.45	82.45	82.45	82.45	82.45	82.45	82.45	82.45	82.45
2822	87.42	84.95	86.23	86.95	81.52	82.11	88.79	98.22	88.82	84.92	82.31	82.31	82.31	82.31	82.31	82.31	82.31	82.31	82.31	82.31	82.31	82.31	82.31
3022	87.76	87.48	87.23	88.58	93.72	89.89	89.94	89.52	98.02	88.17	87.11	83.92	83.92	83.92	83.92	83.92	83.92	83.92	83.92	83.92	83.92	83.92	83.92
3222	97.54	96.87	95.62	101.4	102.5	102.4	101.5	102.1	101.3	99.35	98.69	99.26	99.26	99.26	99.26	99.26	99.26	99.26	99.26	99.26	99.26	99.26	99.26
MEASURED OASPL	27.27	26.82	24.27	22.12	24.25	22.4	21.1	18.8	18.2	18.73	17.87	18.12	18.12	18.12	18.12	18.12	18.12	18.12	18.12	18.12	18.12	18.12	18.12
CALCULATED OASPL	111.4	112.4	113.0	115.9	116.9	114.7	115.3	116.2	115.3	112.9	111.9	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4

CAP: 155.0

AMBIENT TEMP. 33.02
 AIRSPEED TEMP. 27.42
 BAR. PRESSURE 28.94
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 2R & 9C 7/3 1/32/77 4/5 2/3/77-3

RUN: 1028122 SPEED: 2102

DATE: 2/29/77

RADIAL DISTANCE 150

PAGE: 2

SOUND PRESSURE LEVELS DIRECTIVITY INDEX

FREQ	22.2	25.2	28.2	31.2	34.2	37.2	40.2	43.2	46.2	49.2	52.2	55.2	58.2	61.2	64.2	67.2	70.2	73.2	76.2	79.2	82.2	85.2	88.2	91.2	94.2	97.2	100.2													
50	-3.14	-5.11	-5.63	-6.47	-2.56	-2.59	-1.34	6804	3904	1.512	4.566	8.643																												
63	-3.49	-1.42	-5.23	-3.93	-3.37	-3.27	-1.926	3782	1039	1.951	4.411	8.435																												
81	-2.48	-2.77	-2.84	-4.89	-3.82	-2.78	-1.826	8484	1.538	2.388	4.937	8.282																												
107	-6.37	-9.34	-7.89	-4.34	-3.25	-2.74	-1.735	6316	1.826	2.864	6.533	7.587																												
129	-1.85	-6.19	-7.21	-1.99	-1.73	2.223	-1.33	662	2.938	2.247	3.285	4.342																												
162	-5.25	-4.43	-5.13	-4.64	-3.23	-1.44	2359	1.991	2.112	2.834	4.695	6.199																												
204	-3.46	-2.95	-1.15	-3.44	-2.99	-1.938	1323	1.399	2.844	3.432	4.334	4.788																												
258	-2.72	-3.93	-1.89	-1.81	-2.829	-2.88	-1.13	1.526	1.679	2.998	4.733	4.899																												
315	-1.83	-2.84	-1.37	-2.32	-3.48	-2.32	-1.745	1.114	2.432	2.658	4.934	4.885																												
367	-2.56	-2.46	-3.47	-2.91	-1.31	-1.72	-3.899	1.691	3.266	3.285	3.817	2.884																												
432	-3.38	-2.28	-3.24	-2.86	-2.53	-1.627	-1.598	1.817	3.727	4.428	2.21	1.585																												
502	-2.92	-1.88	-2.83	-3.32	-2.39	-2.988	-1.282	1.628	1.978	2.331	1.848	3.528																												
582	-2.86	-1.64	-2.89	-1.18	-3.666	-1.159	-1.148	1.811	2.389	2.999	1.568	3.929																												
672	-1.237	-3.889	-2.245	-3.76	-2.842	-2.259	-1.818	1.844	1.739	1.288	5.825	8.614																												
782	-1.83	-7.19	-1.22	-1.957	-1.931	-1.596	1.822	2.967	3.533	2.231	1.797	1.75																												
902	-2.63	-2.84	-1.92	-1.894	-2.863	-1.82	2.489	2.936	3.529	1.274	-1.37	-2.6																												
1032	-1.16	-1.382	-1.71	-1.821	-1.868	-1.975	-1.896	3.887	2.328	1.183	-3.79	-3.11																												
1176	-2.92	-1.34	-3.14	-2.683	-4.822	-2.48	-1.443	4.833	2.224	6.136	-2.43	-2.99																												
1332	-2.95	-4.91	-1.99	-2.712	-3.336	-2.342	2.332	3.171	9.33	-2.36	-4.18	-8.84																												
1502	-4.85	-6.34	-3.54	-3.274	-4.282	-1.116	2.480	1.791	8.528	-3.27	-3.13	-4.81																												
1682	-1.336	-2.891	-1.13	-4.711	-1.915	-1.419	1.217	3.729	2.149	-1.29	-1.77	-4.99																												
1872	-1.871	-2.28	-1.28	-2.83	-3.933	-3.398	1.282	2.283	2.992	-1.29	-2.29	-4.59																												
2072	-1.18	-1.38	-1.63	-2.77	-4.897	-1.336	1.288	6.975	2.262	-1.298	-1.76	-4.94																												

0115

AMBIENT TEMP. 13.82
 WET-BULB TEMP. 27.49
 BAR. PRESSURE 29.94
 ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 5R + 5C T/D 1/33/77 R/D 2/3/77-3

RUN#1 R080185 SP880716

STRESS LEVELS REDUCED AT ST. A. D. A. C. J. A. Y.

STRESS FROM 1.152	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0
51.17	74.51	74.73	74.88	75.03	75.18	75.33	75.48	75.63	75.78	75.93	76.08	76.23	76.38	76.53	76.68	76.83	76.98	77.13	77.28
75.85	79.21	79.43	79.65	79.87	80.09	80.31	80.53	80.75	80.97	81.19	81.41	81.63	81.85	82.07	82.29	82.51	82.73	82.95	83.17
72.84	74.11	74.27	74.43	74.59	74.75	74.91	75.07	75.23	75.39	75.55	75.71	75.87	76.03	76.19	76.35	76.51	76.67	76.83	76.99
73.67	74.74	74.88	75.02	75.16	75.30	75.44	75.58	75.72	75.86	76.00	76.14	76.28	76.42	76.56	76.70	76.84	76.98	77.12	77.26
76.61	76.17	77.27	76.32	74.49	74.27	74.05	73.83	73.61	73.39	73.17	72.95	72.73	72.51	72.29	72.07	71.85	71.63	71.41	71.19
71.48	72.35	72.82	73.29	73.76	74.23	74.70	75.17	75.64	76.11	76.58	77.05	77.52	77.99	78.46	78.93	79.40	79.87	80.34	80.81
69.32	76.23	76.65	77.07	77.49	77.91	78.33	78.75	79.17	79.59	80.01	80.43	80.85	81.27	81.69	82.11	82.53	82.95	83.37	83.79
72.51	74.54	74.72	74.90	75.08	75.26	75.44	75.62	75.80	75.98	76.16	76.34	76.52	76.70	76.88	77.06	77.24	77.42	77.60	77.78
76.92	78.25	78.43	78.61	78.79	78.97	79.15	79.33	79.51	79.69	79.87	80.05	80.23	80.41	80.59	80.77	80.95	81.13	81.31	81.49
78.54	80.52	80.70	80.88	81.06	81.24	81.42	81.60	81.78	81.96	82.14	82.32	82.50	82.68	82.86	83.04	83.22	83.40	83.58	83.76
78.46	79.17	78.74	79.17	80.06	82.48	82.24	82.00	81.76	81.52	81.28	81.04	80.80	80.56	80.32	80.08	79.84	79.60	79.36	79.12
76.44	77.23	77.80	78.37	78.94	79.51	80.08	80.65	81.22	81.79	82.36	82.93	83.50	84.07	84.64	85.21	85.78	86.35	86.92	87.49
82.28	81.94	82.10	81.22	81.88	81.66	81.42	81.18	80.94	80.70	80.46	80.22	79.98	79.74	79.50	79.26	79.02	78.78	78.54	78.30
81.23	81.77	82.24	82.71	83.18	83.65	84.12	84.59	85.06	85.53	86.00	86.47	86.94	87.41	87.88	88.35	88.82	89.29	89.76	90.23
82.15	83.77	84.69	84.15	84.86	85.19	85.52	85.85	86.18	86.51	86.84	87.17	87.50	87.83	88.16	88.49	88.82	89.15	89.48	89.81
82.33	82.53	83.32	84.11	84.90	85.69	86.48	87.27	88.06	88.85	89.64	90.43	91.22	92.01	92.80	93.59	94.38	95.17	95.96	96.75
82.91	82.22	81.22	81.84	83.25	82.94	82.63	82.32	82.01	81.70	81.39	81.08	80.77	80.46	80.15	79.84	79.53	79.22	78.91	78.60
81.18	82.32	82.24	82.14	82.34	83.24	84.14	85.04	85.94	86.84	87.74	88.64	89.54	90.44	91.34	92.24	93.14	94.04	94.94	95.84
85.86	86.32	85.72	86.45	86.61	86.19	86.77	87.35	87.93	88.51	89.09	89.67	90.25	90.83	91.41	91.99	92.57	93.15	93.73	94.31
88.48	86.55	89.83	82.44	92.44	89.75	99.29	93.24	92.45	96.48	96.99	99.79	99.29	98.72	98.22	97.72	97.22	96.72	96.22	95.72
87.04	88.52	87.72	87.99	88.49	88.79	89.29	89.79	90.29	90.79	91.29	91.79	92.29	92.79	93.29	93.79	94.29	94.79	95.29	95.79
87.58	84.63	86.54	86.63	90.99	86.64	87.58	88.52	89.46	90.40	91.34	92.28	93.22	94.16	95.10	96.04	96.98	97.92	98.86	99.80
88.12	88.57	89.59	89.59	89.59	91.32	91.32	91.32	91.32	91.32	91.32	91.32	91.32	91.32	91.32	91.32	91.32	91.32	91.32	91.32
98.12	97.86	102.11	102.11	102.11	102.11	102.11	102.11	102.11	102.11	102.11	102.11	102.11	102.11	102.11	102.11	102.11	102.11	102.11	102.11
97.92	97.71	99.74	102.11	102.6	99.88	99.88	99.88	99.88	99.88	99.88	99.88	99.88	99.88	99.88	99.88	99.88	99.88	99.88	99.88
112.6	112.3	114.0	115.1	117.4	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5

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C116

MEASURED GASPL
CALCULATED GASPL
PAGE

AMBIENT TEMP. 33.4
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.96
ABS. HUMIDITY 2.472

FAA PAY/COMPRESSOR - P-15F 3P + 5C *7D 1/32/77 R/D 2/3/76-3

RUN#11 RCG#126 SPEED#7337

PAGE 1 155.3

DATE: 2/6/72

RADIA. DISTANCE 152

PAGE 1

SEASIDE PRESSURE LEVELS RECORDED AT SIALAND TAY

FEET	29.0	28.0	33.0	47.0	52.0	67.0	77.0	87.0	97.0	127.0	137.0	147.0	157.0	167.0	177.0	(ft)
52	79.15	76.89	76.51	76.41	77.94	78.51	77.94	78.48	79.84	81.07	81.22	83.29	86.35	89.69	93.49	134.9
63	78.18	81.60	78.84	82.85	81.34	82.48	82.39	81.32	82.82	84.82	84.82	87.74	91.47	95.17	99.84	138.4
82	75.85	78.66	76.51	76.73	77.46	78.87	78.02	76.13	82.42	83.91	87.27	92.17	97.47	103.17	109.17	139.2
124	76.17	76.74	75.25	76.97	77.93	78.63	81.24	82.74	83.21	84.75	87.39	92.17	97.47	103.17	109.17	139.4
125	77.73	81.16	78.57	79.52	78.49	80.42	81.73	84.45	87.24	89.41	92.41	96.47	101.12	106.12	111.12	137.6
142	71.62	73.20	73.28	73.48	74.64	76.45	78.55	79.81	80.87	81.58	83.65	85.34	87.27	89.27	91.27	132.2
202	71.59	72.22	71.51	71.39	71.91	73.42	75.14	76.54	77.56	78.21	79.44	80.74	82.04	83.34	84.64	128.7
252	74.98	76.42	74.82	73.36	73.29	72.37	74.15	75.68	76.89	78.33	80.22	82.45	84.99	87.49	90.19	120.1
319	78.82	78.98	77.54	77.35	75.92	76.97	78.67	80.47	81.99	82.33	84.49	86.44	88.44	90.44	92.44	133.3
424	83.22	81.33	80.39	82.48	82.31	81.79	82.58	84.63	87.52	88.57	88.24	87.34	86.44	85.54	84.64	137.4
527	79.28	79.86	79.22	80.51	81.78	81.83	82.84	84.47	86.15	87.15	87.59	88.84	90.14	91.44	92.74	137.8
632	77.92	82.75	82.24	82.73	82.27	81.17	82.34	83.14	84.93	85.14	86.45	87.74	89.04	90.34	91.64	138.8
870	79.23	82.34	79.37	82.28	79.65	82.96	81.94	83.27	84.38	85.35	86.28	87.21	88.14	89.07	90.00	139.1
1242	82.35	79.81	82.42	82.29	82.89	82.24	81.34	84.25	84.85	85.23	84.42	83.77	83.12	82.47	81.82	136.4
1254	82.85	84.39	85.47	85.47	85.47	85.74	84.58	85.33	87.11	84.80	83.14	81.21	79.28	77.35	75.42	135.3
1482	80.29	78.97	80.71	82.17	83.68	81.33	83.95	85.73	84.21	82.27	80.65	79.02	77.39	75.76	74.13	134.1
2022	82.88	81.29	82.27	83.43	83.95	84.42	82.35	82.82	82.58	81.27	78.14	78.37	76.74	75.11	73.48	132.8
3152	86.21	85.29	85.28	87.47	87.65	87.79	86.74	85.15	83.67	82.29	80.99	79.69	78.39	77.09	75.79	131.5
4282	88.78	85.14	88.27	86.38	84.12	84.32	84.91	84.15	82.67	81.29	79.91	78.53	77.15	75.77	74.39	130.2
5002	94.54	91.72	95.39	96.69	127.4	94.21	99.31	95.20	96.25	93.45	92.92	90.82	89.32	87.82	86.32	128.9
6382	89.71	87.52	87.27	87.63	88.91	88.77	87.94	88.73	88.12	85.47	83.67	81.87	80.07	78.27	76.47	127.6
8862	88.87	83.49	86.22	86.41	91.22	86.39	88.27	88.33	88.56	85.16	83.64	82.14	80.64	79.14	77.64	126.3
14882	89.88	88.17	92.84	98.85	94.91	92.87	92.29	91.21	92.29	89.25	87.64	85.97	84.34	82.71	81.08	125.0
MEASURED CASPL	88.34	97.67	95.42	102.4	103.2	99.79	102.5	121.2	101.9	122.6	101.2	102.3	103.4	104.5	105.6	122.3
CALCULATE CASPL	99.15	97.24	99.27	102.1	103.1	99.69	102.1	102.7	101.2	99.6	99.82	100.5	101.2	102.0	102.8	121.5
PAGE	113.8	111.8	114.2	115.1	117.9	114.1	117.1	115.3	115.9	113.9	113.3	112.5	113.2	114.0	114.8	121.5

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C118

AMBIENT TEMP. 33.22
WET-BULB TEMP. 27.49
BAR. PRESSURE 28.96
ABS. HUMIDITY 2.472

FAA FAV/COMPRESSOR - PHASE 58 @ 9C 7/D 1/30/77 R/D 2/3/77-3

RUW#11 RDU#127 SPEED#7502

OAP-L1 155.5

SCHEM PRESS. RE LEVELS CAPABILITY IN LINE

FREQ.	20.7	30.7	40.7	50.7	60.7	70.7	80.7	90.7	100.7	110.7	120.7	130.7	140.7	150.7	160.7	170.7	(PAL)
63	-2.43	-4.09	-5.67	-7.17	-8.64	-10.07	-11.46	-12.81	-14.12	-15.39	-16.62	-17.81	-18.96	-20.07	-21.14	-22.17	8.125
64	-4.17	-6.54	-8.89	-11.23	-13.54	-15.81	-18.04	-20.23	-22.38	-24.49	-26.56	-28.59	-30.57	-32.51	-34.41	-36.27	8.223
125	-3.93	-5.36	-6.85	-8.31	-9.74	-11.13	-12.48	-13.79	-15.06	-16.29	-17.47	-18.61	-19.71	-20.77	-21.79	-22.77	8.437
161	-6.28	-2.95	-5.46	-4.53	-5.54	-3.61	-1.71	0.18	2.12	4.01	5.84	7.61	9.32	10.97	12.56	14.09	7.177
287	-4.77	-4.99	-4.82	-5.12	-3.11	-2.15	-1.18	-0.21	0.76	1.71	2.69	3.61	4.47	5.28	6.04	6.743	
297	-3.49	-3.86	-3.57	-3.69	-3.18	-1.67	-0.16	0.35	1.21	2.12	2.97	3.77	4.52	5.22	5.83	6.36	
315	-4.42	-3.92	-3.64	-3.24	-2.32	-1.25	-0.14	0.35	1.21	2.12	2.97	3.77	4.52	5.22	5.83	6.36	
482	-7.45	-5.31	-3.97	-2.14	-3.59	-2.61	-1.52	-0.31	0.18	1.04	1.85	2.61	3.32	4.01	4.67	5.31	
582	-3.88	-4.82	-3.88	-2.97	-3.32	-1.23	-0.14	0.35	1.21	2.12	2.97	3.77	4.52	5.22	5.83	6.36	
637	-3.88	-1.84	-3.52	-1.83	-4.53	-2.63	-1.75	-0.65	-1.61	-1.78	-1.34	-0.47	0.35	1.21	2.12	2.97	
647	-2.26	-2.59	-1.79	-1.62	-4.74	-2.72	-1.84	-0.66	-2.61	-1.89	-1.85	-1.51	-0.14	0.35	1.21	2.12	
1226	-2.34	-0.86	-2.61	-1.82	-4.74	-2.72	-1.84	-0.66	-2.61	-1.89	-1.85	-1.51	-0.14	0.35	1.21	2.12	
1251	-1.43	-2.49	-0.73	-3.19	-1.28	-3.58	-1.23	-2.56	-0.27	-0.37	2.149	0.397	1.831	2.833	2.882	2.809	-1.118
2222	-2.72	-3.38	-4.34	-1.08	1.32	2.384	3.56	4.82	6.07	7.29	8.48	9.64	10.77	11.87	12.92	13.94	
4988	7.56	-1.88	-0.22	2.192	2.367	2.516	2.632	2.716	2.771	2.807	2.827	2.838	2.841	2.836	2.822	2.807	
5083	4.872	-4.16	-2.53	1.357	2.662	3.827	4.864	5.779	6.574	7.249	7.804	8.241	8.561	8.774	8.881	8.881	
6324	0.964	-3.79	-1.94	1.191	4.878	-1.29	-2.832	-6.441	-9.911	-12.929	-15.317	-17.087	-18.241	-18.781	-18.801	-18.701	
8988	2.288	-3.17	-1.45	-2.82	4.544	8.261	11.812	15.142	18.142	20.744	22.888	24.544	25.744	26.488	26.844	27.044	
18882	-1.12	-2.42	-1.54	-2.688	4.342	2.278	1.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	

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AMBIENT TEMP. 33.82
MET-BALL TEMP. 27.39
BAR PRESSURE 28.96
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 28 & 29 T/D 1/33/72 R/C 243/78-3
BU:511 RFG:107 SPEED:7500

DATE: 2/2/77

RACIA DISTANCE 150

PAGE: 1

SOUND PRESSURE LEVELS REDUCED AT STANDARD PA

FREQ.	35.0	40.0	50.0	63.0	80.0	97.0	117.0	137.0	157.0	177.0	(P.L.)	
50	78.45	76.21	75.63	76.27	76.33	76.52	77.84	81.75	83.34	83.79	87.32	91.91
63	78.69	81.05	79.52	80.94	83.02	82.51	84.71	83.52	83.24	85.18	88.55	92.79
80	75.51	77.12	76.72	77.71	79.76	79.82	82.99	82.78	83.26	85.13	88.41	92.67
100	75.85	77.04	75.36	76.81	79.17	79.38	81.38	83.45	84.23	85.19	88.22	92.11
125	83.47	84.75	85.75	76.97	82.57	82.11	86.22	92.15	85.72	89.84	87.79	92.32
160	74.52	74.83	74.99	74.24	74.24	77.55	79.11	80.92	81.52	82.97	84.81	88.64
200	71.84	72.27	71.84	74.25	73.86	73.52	74.79	76.32	77.77	76.49	82.83	84.24
250	72.84	76.33	75.23	74.46	73.29	72.73	75.48	77.52	78.24	82.38	81.97	82.12
315	77.87	79.56	78.22	77.99	77.28	78.22	82.68	82.78	83.33	85.27	87.17	86.49
400	82.24	81.78	82.21	81.84	81.84	82.44	84.64	84.48	87.39	88.13	89.75	89.23
500	79.55	82.63	79.67	82.86	82.89	83.12	84.27	85.85	87.54	88.98	88.78	87.58
630	77.32	77.73	78.84	78.95	81.53	82.94	88.82	83.81	84.18	85.19	85.17	83.53
800	79.29	82.95	82.84	81.47	81.83	81.78	84.64	85.53	85.34	86.29	85.98	84.97
1000	79.83	82.99	87.26	88.56	92.37	91.12	88.89	87.39	86.48	86.28	85.81	84.37
1250	82.29	81.54	88.34	88.14	98.19	88.91	87.82	87.18	88.54	87.21	85.88	83.42
1600	78.92	84.11	83.94	91.31	89.44	87.32	88.51	89.94	85.38	84.24	83.83	82.87
2000	79.28	81.74	84.21	82.82	84.46	87.74	84.52	84.52	83.21	81.22	79.83	78.33
2500	83.71	83.62	85.72	89.57	92.37	89.83	84.28	87.29	85.73	88.12	81.24	82.59
3150	88.81	85.19	88.82	88.81	98.95	88.28	82.13	82.98	82.83	86.28	84.87	83.54
4000	92.17	92.37	93.96	95.24	98.16	96.89	98.15	98.93	95.84	93.31	93.14	89.29
5000	88.44	88.77	87.12	88.22	89.19	86.19	88.43	89.24	87.92	84.74	84.21	83.22
6300	87.92	84.67	86.34	87.85	91.57	86.51	88.91	89.82	89.21	85.42	84.78	82.79
8000	88.12	88.52	89.81	91.17	95.38	92.55	93.32	93.93	92.48	89.54	89.68	88.44
MEASURED OASPL	97.93	98.18	99.82	102.9	103.3	102.7	102.5	102.7	101.9	101.4	102.0	103.2
CALCULATED OASPL	97.5	97.81	98.7	100.6	103.1	102.3	102.1	102.3	101.3	102.4	102.8	103.4
PMCP	111.9	112.3	113.3	115.1	117.9	118.8	118.9	116.8	115.8	114.2	114.1	113.2

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C120

AMBIENT TEMP 33.82
MET-BULB TEMP 27.49
BAR PRESSURE 28.94
ABS HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 58 + 5C 7/D 1/32/72 R/C 2/3/77-3

RUN#11 HDQ#183 SPEED#7787

OASPL: 155.8

SOIL PRESSURE LEVELS, DIRECTIONALITY INDEX

PREC.	12.0	24.0	36.0	48.0	57.0	67.0	77.0	87.0	97.0	107.0	117.0	127.0	137.0	147.0	157.0	167.0	177.0	(P-L)
57	-3.61	-6.25	-6.47	-6.17	-3.93	-3.17	-2.42	-5.13	-5.10	2.527	5.252	9.643						
63	-5.34	-2.94	-4.52	-2.88	-4.24	-1.51	-2.32	-2.29	-2.63	-1.12	4.523	5.744						
69	-7.41	-5.61	-6.21	-5.22	-3.17	-3.11	-2.193	-1.14	3.333	2.217	5.479	6.742						
127	-2.42	-6.41	-5.12	-5.84	-4.14	-2.47	-2.27	-2.22	-2.37	2.745	5.769	8.661						
135	-2.02	-9.21	-2.73	-8.71	-3.22	-3.56	-5.17	4.475	-2.59	3.36	2.169	4.645						
182	-2.13	-4.81	-4.66	-4.41	-3.58	-2.59	-4.37	3.28	3.77	4.89	1.95	4.82						
202	-3.49	-1.51	-1.48	-2.28	-3.11	-3.99	-3.89	1.95	3.125	3.92	4.43	3.31						
315	-3.69	-1.95	-3.125	3.92	4.43	3.31	-4.42	2.89	3.97	3.43	3.61	2.24						
482	-4.09	3.82	4.77	3.58	-1.55	-1.32	-3.58	3.57	-2.46	-2.35	-2.32	-3.24						
582	-4.65	3.98	-1.59	-1.27	-2.29	-3.24	-6.05	3.98	-1.59	-1.27	-2.29	-3.24						
802	-5.15	-2.32	-2.34	-1.88	-4.56	-4.25	-7.69	4.52	4.56	1.29	4.97	3.61						
1290	-5.28	-4.63	-3.924	1.73	3.784	2.582	-5.28	-4.63	-3.924	1.73	3.784	2.582						
1482	-2.96	-6.79	-5.16	3.269	4.269	3.535	-2.96	-6.79	-5.16	3.269	4.269	3.535						
2582	-2.25	-2.84	-1.85	1.613	3.748	-3.52	-2.25	-2.84	-1.85	1.613	3.748	-3.52						
3152	1.428	1.239	1.129	1.211	2.284	1.178	1.428	1.239	1.129	1.211	2.284	1.178						
5882	-3.27	-2.69	-2.16	-2.24	4.184	1.498	-3.27	-2.69	-2.16	-2.24	4.184	1.498						

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C121

AMBIENT TEMP: 33.42
MET-BULB TEMP: 27.49
BAR. PRESSURE 26.96
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR - PHASE 3R + 5G I/C 1/30/72 R/D 2/3/72-3

RUN#11 RD#120 SPEED#7740

SPW: 2 PRESSURE LEVELS SET FOR AT STANDARD DAY

FREQ	17	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
50	76.37	76.97	76.70	77.42	76.44	76.58	68.32	72.70	62.33	94.78	68.37	93.30	136.7					
51	76.33	76.28	76.11	72.88	75.66	75.61	81.25	83.42	84.49	86.31	84.75	94.54	137.9					
52	75.59	77.48	77.6	76.46	79.54	82.13	82.12	84.22	85.4	86.92	92.37	93.57	137.9					
102	27.49	27.74	26.45	28.97	28.25	28.22	82.22	83.88	83.27	87.85	81.27	94.21	138.7					
125	90.61	91.40	89.23	86.34	90.32	89.11	87.74	89.21	89.49	94.74	92.16	93.19	142.3					
146	78.28	88.61	78.71	78.89	72.29	82.82	81.21	82.78	81.52	84.73	82.12	88.44	138.9					
202	72.45	74.73	72.94	72.24	74.23	75.19	76.04	78.88	79.39	82.47	82.69	83.62	138.9					
252	71.92	78.22	77.27	75.53	74.49	74.53	73.22	77.88	78.25	82.19	82.83	82.94	131.2					
315	76.82	88.41	79.75	79.79	78.44	78.37	82.95	83.25	84.25	85.06	98.14	96.94	136.1					
402	81.24	82.28	81.73	82.78	82.85	83.77	85.37	87.18	84.49	88.71	82.83	82.14	139.5					
502	92.37	81.52	79.97	82.82	83.79	84.24	85.79	87.18	84.49	88.71	82.83	82.14	139.5					
632	79.19	78.22	77.51	78.57	84.82	81.61	82.23	84.17	84.40	84.82	84.82	85.84	138.5					
802	81.13	81.22	82.42	84.66	85.97	86.23	82.69	83.85	85.95	85.92	85.84	84.23	137.9					
1002	82.11	82.72	81.71	82.13	84.47	83.13	83.84	84.55	82.11	82.15	84.84	84.72	138.7					
1252	83.22	87.27	92.21	92.52	95.47	92.68	86.36	86.35	86.35	87.43	87.84	85.53	143.9					
1482	82.78	82.47	83.11	84.82	88.88	88.12	87.23	87.28	88.33	87.14	88.29	83.72	148.8					
2002	82.56	82.16	85.38	88.44	88.99	89.35	87.86	87.78	86.23	84.45	94.71	81.61	139.8					
2502	88.47	87.28	88.38	87.82	87.18	88.32	84.13	84.77	83.52	82.14	81.22	88.39	138.8					
3152	85.85	87.45	86.24	92.84	90.99	89.87	83.00	87.67	86.35	85.15	82.17	83.29	141.8					
4002	87.47	84.55	88.23	89.24	88.48	87.89	88.33	98.42	88.33	84.45	82.22	83.54	141.8					
5002	91.03	92.15	92.46	92.84	94.43	92.84	84.48	85.83	86.29	91.27	92.38	88.16	146.5					
6302	88.22	88.49	87.83	87.44	88.23	87.37	87.83	84.72	88.38	85.33	84.49	83.21	142.8					
8002	88.82	86.18	87.83	86.88	91.33	86.33	89.98	98.39	89.85	86.42	84.54	92.69	144.6					
10002	88.86	88.11	88.25	89.83	93.57	89.53	92.22	94.59	91.29	89.75	88.24	85.51	148.8					

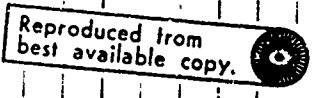
MEASURED OASPL
CALCULATED OASPL
PWR

181.0 182.7 182.9 182.1 183.3 184.8
181.3 182.2 182.2 182.9 181.6 182.8
116.8 116.4 116.6 113.8 114.3 112.3

AMBIENT TEMP: 33.42
WET-BULB TEMP: 27.49
BAR. PRESSURE 29.96
ABS. HUMIDITY 2.472

FAA FAN/COMPRESSOR = B-1SE 50 50 T/D 1/36/77; R/D 2/3/77-3
RUNS:1 RDM:18V SPEC:7900

GAP: 155.7



C122

RADIAL DISTANCE 198

DATE: 2/26/77

S.W. I. PRESSURE LEVELS SENSITIVITY 1.1EY

ANGLES FROM INLET

FR.	17.7	27.1	37.7	47.7	57.7	67.0	77.7	87.7	97.7	107.7	117.7	127.7	137.7	147.7	157.7	167.7	177.7	(PUL)
5	-4.52	-6.41	-6.56	-5.96	-4.64	-4.22	-3.26	-2.599	-1.25	1.357	4.921	2.22						
6	-8.31	-5.38	-6.57	-5.28	-4.97	-5.23	-2.85	-1.938	-1.334	1.052	2.137	9.928						
8	-6.88	-7.28	-6.96	-6.09	-4.69	-4.43	-2.24	-1.316	-0.851	2.395	5.828	9.215						
16	-7.51	-6.46	-8.54	-6.22	-4.89	-3.97	-2.22	-1.229	-0.762	2.662	5.877	2.012						
16	-1.66	2.685	4.823	-2.74	1.522	3.88	-1.86	4.209	1.696	9.428	1.358	4.384						
16	-4.64	-3.89	-3.54	-5.41	-2.82	-1.87	-1.89	4.778	1.327	2.447	2.812	7.183						
20	-4.86	-2.61	-4.47	-5.11	-3.11	-2.15	-1.79	7.324	2.752	3.126	5.352	6.275						
25	-1.59	7.29	-1.24	-1.98	-3.42	-2.33	-1.28	9.744	2.272	3.386	5.143	5.422						
31	-3.47	-1.87	-2.52	-2.49	-3.84	-3.41	-1.28	7.725	3.394	4.217	4.535	3.367						
31	-4.42	-3.38	-3.93	-2.93	-3.21	-1.69	-1.23	1.725	3.394	4.217	4.535	3.367						
42	-8.48	-4.32	-6.08	-3.83	-2.65	-1.61	-2.65	1.783	3.322	4.334	4.125	2.968						
50	-3.28	-4.47	-4.98	-3.98	-1.87	-1.55	-1.13	6.212	2.223	2.117	2.211	2.214						
61	-2.69	-2.67	-1.47	-8.29	2.146	2.428	-1.15	2.829	2.298	3.871	2.332	1.182						
61	-4.37	-3.61	-2.61	-2.37	-2.23	-1.644	-3.22	-1.23	-3.24	-2.15	-1.74	-4.25						
126	-6.58	-2.49	-6.97	2.937	5.836	3.298	1.179	1.164	2.278	5.852	-2.28	-2.67						
125	-9.78	-4.88	-1.53	1.448	3.442	1.587	1.842	5.581	6.885	-1.769	-5.11	-3.61						
162	-4.06	-3.06	1.247	3.213	3.777	1.389	1.833	6.841	-1.97	-3.75	-3.27	-1.69						
202	-3.62	-6.84	1.477	3.735	3.273	2.229	-2.72	1.855	-2.69	-1.47	-4.45	-3.32						
252	-1.57	6.280	1.621	3.421	2.369	3.255	1.538	3.822	1.638	-1.14	-2.37	-4.125						
315	-1.22	-1.24	7.888	1.951	1.921	1.286	3.488	2.844	3.326	-1.72	-6.81	-4.83						
420	-1.15	-6.41	-1.25	-1.42	1.444	-2.39	1.282	2.188	1.626	-1.42	-2.36	-1.74						
500	1.475	1.939	2.522	6.979	1.535	1.216	1.997	2.816	2.266	-1.16	-3.84	-4.68						
630	1.234	-1.48	-1.524	-7.02	3.747	-1.25	1.782	4.137	2.031	-1.729	-2.19	-4.94						
800	-2.39	-2.34	-1.7	-1.821	3.120	-1.921												

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C123

AMBIENT TEMP 33.02
NET-BULB TEMP 27.42
RAV. PRESSURE 28.96
ABS. HUMIDITY 2.472

F.A. FAN COMPRESSOR - PHASE 2B - 5C 7/D 1/38/78 R/D 2/3/78-3

RUN#11 R345129 SPEED#7927

RACIAL DISTANCE 150

DATE 2/26/77

SIX PRESSURE LEVELS DISCREMINITY TEST

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
51	-4.50	-5.33	-5.97	-6.51	-7.05	-7.59	-8.13	-8.67	-9.21	-9.75	-10.29	-10.83	-11.37	-11.91	-12.45	-12.99	-13.53	-14.07
53	-7.51	-8.22	-8.81	-9.41	-10.00	-10.59	-11.18	-11.77	-12.36	-12.95	-13.54	-14.13	-14.72	-15.31	-15.90	-16.49	-17.08	-17.67
6	-7.73	-8.27	-8.81	-9.35	-9.89	-10.43	-10.97	-11.51	-12.05	-12.59	-13.13	-13.67	-14.21	-14.75	-15.29	-15.83	-16.37	-16.91
125	-7.53	-8.09	-8.63	-9.17	-9.71	-10.25	-10.79	-11.33	-11.87	-12.41	-12.95	-13.49	-14.03	-14.57	-15.11	-15.65	-16.19	-16.73
167	-1.915	-2.21	-2.495	-2.78	-3.07	-3.355	-3.64	-3.925	-4.21	-4.495	-4.78	-5.065	-5.35	-5.635	-5.92	-6.205	-6.49	-6.775
227	-2.17	-2.425	-2.68	-2.935	-3.19	-3.445	-3.7	-3.955	-4.21	-4.465	-4.72	-4.975	-5.23	-5.485	-5.74	-6.0	-6.255	-6.51
227	-5.64	-6.27	-6.90	-7.53	-8.16	-8.79	-9.42	-10.05	-10.68	-11.31	-11.94	-12.57	-13.20	-13.83	-14.46	-15.09	-15.72	-16.35
315	-3.15	-3.735	-4.32	-4.905	-5.49	-6.075	-6.66	-7.245	-7.83	-8.415	-9.0	-9.585	-10.17	-10.755	-11.34	-11.925	-12.51	-13.1
42	-3.24	-3.67	-4.10	-4.53	-4.96	-5.39	-5.82	-6.25	-6.68	-7.11	-7.54	-7.97	-8.4	-8.83	-9.26	-9.69	-10.12	-10.55
52	-3.72	-4.15	-4.58	-5.01	-5.44	-5.87	-6.3	-6.73	-7.16	-7.59	-8.02	-8.45	-8.88	-9.31	-9.74	-10.17	-10.6	-11.03
52	-5.55	-6.13	-6.71	-7.29	-7.87	-8.45	-9.03	-9.61	-10.19	-10.77	-11.35	-11.93	-12.51	-13.09	-13.67	-14.25	-14.83	-15.41
52	-2.99	-3.47	-3.95	-4.43	-4.91	-5.39	-5.87	-6.35	-6.83	-7.31	-7.79	-8.27	-8.75	-9.23	-9.71	-10.19	-10.67	-11.15
634	-2.85	-3.23	-3.61	-3.99	-4.37	-4.75	-5.13	-5.51	-5.89	-6.27	-6.65	-7.03	-7.41	-7.79	-8.17	-8.55	-8.93	-9.31
927	-3.72	-4.19	-4.66	-5.13	-5.6	-6.07	-6.54	-7.01	-7.48	-7.95	-8.42	-8.89	-9.36	-9.83	-10.3	-10.77	-11.24	-11.71
122	-6.52	-7.23	-7.94	-8.65	-9.36	-10.07	-10.78	-11.49	-12.2	-12.91	-13.62	-14.33	-15.04	-15.75	-16.46	-17.17	-17.88	-18.59
125	-4.94	-5.52	-6.1	-6.68	-7.26	-7.84	-8.42	-9.0	-9.58	-10.16	-10.74	-11.32	-11.9	-12.48	-13.06	-13.64	-14.22	-14.8
1824	-3.27	-3.75	-4.23	-4.71	-5.19	-5.67	-6.15	-6.63	-7.11	-7.59	-8.07	-8.55	-9.03	-9.51	-9.99	-10.47	-10.95	-11.43
2327	-2.49	-2.97	-3.45	-3.93	-4.41	-4.89	-5.37	-5.85	-6.33	-6.81	-7.29	-7.77	-8.25	-8.73	-9.21	-9.69	-10.17	-10.65
2582	-1.77	-2.25	-2.73	-3.21	-3.69	-4.17	-4.65	-5.13	-5.61	-6.09	-6.57	-7.05	-7.53	-8.01	-8.49	-8.97	-9.45	-9.93
3152	-8.93	-9.23	-9.53	-9.83	-10.13	-10.43	-10.73	-11.03	-11.33	-11.63	-11.93	-12.23	-12.53	-12.83	-13.13	-13.43	-13.73	-14.03
4282	-1.39	-1.97	-2.55	-3.13	-3.71	-4.29	-4.87	-5.45	-6.03	-6.61	-7.19	-7.77	-8.35	-8.93	-9.51	-10.09	-10.67	-11.25
5282	-6.53	-7.21	-7.89	-8.57	-9.25	-9.93	-10.61	-11.29	-11.97	-12.65	-13.33	-14.01	-14.69	-15.37	-16.05	-16.73	-17.41	-18.09
6322	-7.93	-8.33	-8.73	-9.13	-9.53	-9.93	-10.33	-10.73	-11.13	-11.53	-11.93	-12.33	-12.73	-13.13	-13.53	-13.93	-14.33	-14.73
8222	-1.92	-2.35	-2.78	-3.21	-3.64	-4.07	-4.5	-4.93	-5.36	-5.79	-6.22	-6.65	-7.08	-7.51	-7.94	-8.37	-8.8	-9.23
12222																		

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WATER TEMP 34.4
WIND SPEED 28.7
BAR PRESSURE 28.94
ABS. HUMIDITY 2.543

FAA FA/20995574 2-25E 57 2-90 1/2 1/3/6/72 3/2 2/3/73-3

RUN#11 813112 SPEED#8127

RADIAL DISTANCE 15%

STL PRESSURE LEVELS RECORDED AT STA 3+00

ANOMER PROJ. 1.15

251	37.5	78.54	77.79	78.59	84.43	82.24	82.43	81.17	83.58	85.18	91.22	75.27	138.4
54	77.2	79.19	77.9	79.62	79.24	82.14	82.82	84.61	85.14	87.59	91.57	96.44	139.5
63	77.2	78.54	78.3	78.3	78.29	81.14	83.43	83.17	84.25	86.74	92.3	95.43	140.4
81	76.45	77.72	77.68	78.12	81.29	82.22	84.43	86.35	87.91	91.4	92.99	96.61	142.4
124	83.55	86.73	83.22	85.84	83.33	86.21	88.62	88.37	87.51	89.41	91.58	93.77	143.4
125	83.5	83.92	81.81	82.87	82.93	83.37	84.21	85.97	83.19	87.23	89.25	91.54	138.4
167	74.22	75.78	74.72	74.46	75.18	77.41	78.91	81.34	81.27	82.58	84.41	85.37	132.9
202	75.57	78.61	78.61	78.97	79.74	75.53	79.87	85.47	84.33	87.74	92.22	93.24	133.2
315	82.39	81.04	81.94	81.27	82.59	81.88	83.87	85.47	84.33	87.74	92.22	91.61	141.2
482	72.27	84.69	85.48	84.65	84.38	85.71	87.74	87.12	84.08	81.53	82.31	92.39	141.2
582	79.54	83.13	82.48	83.49	83.97	83.96	84.29	85.98	87.66	89.28	86.92	87.54	138.9
63	85.34	87.58	84.51	84.24	84.44	86.52	87.52	91.52	88.11	87.58	82.28	84.74	144.2
841	83.7	84.69	84.86	87.58	89.13	87.55	87.58	88.33	88.97	89.72	89.58	87.78	145.2
1822	84.65	89.28	92.78	92.37	90.37	93.24	91.97	88.71	92.53	88.34	88.98	87.57	142.8
1231	82.59	84.78	89.23	90.39	92.46	89.93	92.21	87.74	88.96	88.27	87.47	65.93	142.5
1697	82.55	81.24	85.66	88.69	89.18	85.45	88.27	87.27	86.51	86.11	85.38	83.47	142.5
2827	82.45	83.22	84.2	85.76	86.04	86.12	84.71	85.05	84.92	83.12	82.12	81.84	141.2
2828	85.74	87.23	87.14	88.26	88.32	88.28	84.46	87.98	86.71	85.53	82.87	84.51	141.2
3424	88.1	87.19	88.29	88.95	89.72	87.39	89.43	89.64	89.67	85.13	85.21	84.7	141.9
4827	89.66	89.55	89.38	89.14	94.47	91.21	92.62	92.31	95.64	89.61	92.23	88.15	147.0
5241	87.48	87.19	86.49	87.33	89.31	88.53	89.81	89.77	89.42	89.20	85.24	84.12	143.3
6328	87.62	83.95	86.57	87.14	91.31	84.42	89.16	92.97	89.34	85.92	83.14	83.54	144.4
8202	86.85	85.32	86.74	87.77	94.24	88.66	82.28	93.25	92.27	86.71	87.81	85.29	148.8
12722	89.47	99.79	101.1	102.2	104.7	121.9	103.5	103.9	103.1	103.6	109.2	147.1	
MEASURED GASP	88.23	88.63	94.51	101.1	103.4	107.8	102.8	102.8	102.7	102.7	103.2	104.4	
CALCULATED GASP	111.9	112.1	112.7	113.9	114.2	113.7	116.9	116.7	116.7	116.7	119.6	114.2	112.7

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APR 15 TEMP 34.2
APR 15 TEMP 28.2
GAS PRESSURE 28.94
AIR DENSITY 2.861

FAA FA / PRESSURE P-50 50 1/38771 R/D 2/877-3

FAA 113.9 112.1 112.7 113.9 114.2 113.7

DATE: 2/19/77

PAGE: 2

STATION PRESSURE LEVELS DIRECTIONAL INDEX

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
675	6.58	-7.25	-6.48	-5.64	-4.84	-4.08	-3.37	-2.71	-2.10	-1.54	-1.02	-0.54	-0.10	0.31	0.70	1.07	1.42	1.74	2.04	2.31
676	6.59	-7.15	-6.55	-5.95	-5.35	-4.75	-4.15	-3.55	-2.95	-2.35	-1.75	-1.15	-0.55	-0.10	0.31	0.70	1.07	1.42	1.74	2.04
677	7.37	-7.55	-7.19	-6.79	-6.39	-5.99	-5.59	-5.19	-4.79	-4.39	-3.99	-3.59	-3.19	-2.79	-2.39	-1.99	-1.59	-1.19	-0.79	-0.39
678	7.65	-7.24	-6.84	-6.43	-6.03	-5.63	-5.23	-4.83	-4.43	-4.03	-3.63	-3.23	-2.83	-2.43	-2.03	-1.63	-1.23	-0.83	-0.43	0.00
679	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
680	7.37	-7.55	-7.19	-6.79	-6.39	-5.99	-5.59	-5.19	-4.79	-4.39	-3.99	-3.59	-3.19	-2.79	-2.39	-1.99	-1.59	-1.19	-0.79	-0.39
681	7.43	-7.42	-7.37	-7.32	-7.27	-7.22	-7.17	-7.12	-7.07	-7.02	-6.97	-6.92	-6.87	-6.82	-6.77	-6.72	-6.67	-6.62	-6.57	-6.52
682	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
683	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
684	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
685	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
686	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
687	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
688	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
689	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
690	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
691	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
692	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
693	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
694	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
695	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
696	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
697	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
698	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
699	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29
700	7.42	-7.27	-6.85	-6.43	-6.01	-5.59	-5.17	-4.75	-4.33	-3.91	-3.49	-3.07	-2.65	-2.23	-1.81	-1.39	-0.97	-0.55	-0.13	0.29

C187

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2500
MAR. PRESS. 46 24-8A
ABS. 24-8A

FAR FA. ADDRESS - PAGE 81
24-8A

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PATIAL DISTANCE 334

SOURCE PRESSURE LEVELS REDUCED AT 500 FT DAY

ANGLES FROM TOWER

FR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																										
82.10	78.24	75.28	72.32	69.36	66.40	63.44	60.48	57.52	54.56	51.60	48.64	45.68	42.72	39.76	36.80	33.84	30.88	27.92	24.96	22.00	19.04	16.08	13.12	10.16	7.20	4.24	1.28	0.32	0.36	0.40	0.44	0.48	0.52	0.56	0.60	0.64	0.68	0.72	0.76	0.80	0.84	0.88	0.92	0.96	1.00	1.04	1.08	1.12	1.16	1.20	1.24	1.28	1.32	1.36	1.40	1.44	1.48	1.52	1.56	1.60	1.64	1.68	1.72	1.76	1.80	1.84	1.88	1.92	1.96	2.00	2.04	2.08	2.12	2.16	2.20	2.24	2.28	2.32	2.36	2.40	2.44	2.48	2.52	2.56	2.60	2.64	2.68	2.72	2.76	2.80	2.84	2.88	2.92	2.96	3.00	3.04	3.08	3.12	3.16	3.20	3.24	3.28	3.32	3.36	3.40	3.44	3.48	3.52	3.56	3.60	3.64	3.68	3.72	3.76	3.80	3.84	3.88	3.92	3.96	4.00	4.04	4.08	4.12	4.16	4.20	4.24	4.28	4.32	4.36	4.40	4.44	4.48	4.52	4.56	4.60	4.64	4.68	4.72	4.76	4.80	4.84	4.88	4.92	4.96	5.00	5.04	5.08	5.12	5.16	5.20	5.24	5.28	5.32	5.36	5.40	5.44	5.48	5.52	5.56	5.60	5.64	5.68	5.72	5.76	5.80	5.84	5.88	5.92	5.96	6.00	6.04	6.08	6.12	6.16	6.20	6.24	6.28	6.32	6.36	6.40	6.44	6.48	6.52	6.56	6.60	6.64	6.68	6.72	6.76	6.80	6.84	6.88	6.92	6.96	7.00	7.04	7.08	7.12	7.16	7.20	7.24	7.28	7.32	7.36	7.40	7.44	7.48	7.52	7.56	7.60	7.64	7.68	7.72	7.76	7.80	7.84	7.88	7.92	7.96	8.00	8.04	8.08	8.12	8.16	8.20	8.24	8.28	8.32	8.36	8.40	8.44	8.48	8.52	8.56	8.60	8.64	8.68	8.72	8.76	8.80	8.84	8.88	8.92	8.96	9.00	9.04	9.08	9.12	9.16	9.20	9.24	9.28	9.32	9.36	9.40	9.44	9.48	9.52	9.56	9.60	9.64	9.68	9.72	9.76	9.80	9.84	9.88	9.92	9.96	10.00

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C148

MEASURED CASE - CALCULATED CASE - PLOT

AVIATION 3477
METRO-TELE 2941
RAC PRESS 2094
RHS 2081

FAS FACILITY OPERATOR: PHASE 35: 5:50 7/11/77 6:00:00/4/4/77:51

NO. 111 308112 308111

DATE: 2/9/77

RACIAL DISTANCE 150

PAGE: 2

SUBJECT: PRESSURE LEADS TO ACTIVITIES

1	5.83	7.48	7.63	7.50	5.43	5.13	-3.68	-2.22	-1.25	1.281	5.14	-2.4
2	-9.59	-6.94	-7.65	-7.22	-6.62	-5.72	-5.45	-1.81	-1.49	1.229	5.393	2.41
3	-8.92	-2.22	-7.44	-7.11	-6.57	-5.68	-2.71	-1.15	-1.72	1.977	5.8	5.65
4	-8.55	-7.53	-5.51	-7.47	-5.42	-4.84	-2.15	-0.81	-1.24	2.325	5.754	9.365
5	-6.73	-5.22	-4.15	-6.47	-4.31	-3.74	-2.612	-0.283	-1.318	2.336	5.254	8.393
6	-6.24	-2.58	-2.68	-2.37	-1.89	-1.39	-1.758	2.738	2.727	1.245	2.678	5.614
7	-4.23	-3.83	-4.41	-4.24	-3.27	-2.49	-1.44	1.176	2.54	3.248	5.299	4.394
8	-4.19	-2.65	-2.5	-3.43	-3.97	-3.56	-1.47	4.388	1.244	3.365	5.969	9.933
9	-5.23	-3.71	-3.71	-3.89	-4.17	-3.22	-1.14	4.872	2.114	4.687	5.379	5.472
10	-4.66	-1.69	-2.84	-3.24	-1.41	-1.92	-1.028	1.899	3.122	4.565	3.421	
11	-5.52	-3.23	-3.23	-4.97	-4.78	-3.64	-1.74	1.943	2.722	1.924	1.557	2.958
12	-4.19	-1.49	-2.35	-2.936	1.663	-2.83	3.79	2.727	2.978	2.284	1.723	3.264
13	-4.51	-2.29	-4.31	-4.71	-4.89	-3.14	-1.425	4.367	1.331	2.290	4.228	1.121
14	-5.78	-1.57	-1.41	-1.52	1.736	1.441	-1.297	1.937	1.897	3.114	2.126	1.866
15	-4.44	-1.43	1.24	1.461	2.383	1.923	-0.489	1.984	1.721	1.237	5.604	1.222
16	-4.59	-1.32	1.54	1.108	3.597	1.524	1.257	1.412	2.217	8.332	1.533	1.157
17	-2.53	-1.59	4.85	2.884	2.26	-1.23	2.175	1.913	2.529	4.262	4.227	1.825
18	-1.85	1.8453	1.65	1.816	1.922	2.242	1.923	2.357	1.349	0.826	1.191	1.124
19	1.425	-1.79	1.289	1.258	1.517	1.54	1.136	2.314	1.272	1.561	1.126	1.554
20	1.62	-4.11	-3.93	-3.27	1.674	1.54	2.798	2.964	1.863	1.14	2.25	2.67
21	-1.87	-1.31	-2.69	-1.41	1.169	1.927	5.683	1.589	2.522	3.152	2.74	6.42
22	-1.98	-1.87	-1.34	-1.83	4.225	-1.437	3.446	3.148	2.429	1.16	1.97	3.49
23	-4.33	-5.58	-4.65	-4.93	5.593	-1.929	2.152	3.167	2.11	1.48	1.159	4.11
24							2.734	3.516	1.092	-1.52	-3.19	-4.92

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