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**Advisory
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Subject:

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Change:

**CERTIFICATED AND INTERNATIONAL AIRPLANE
NOISE LEVELS**

1. **PURPOSE.** This circular provides noise level data for airplanes certificated under FAR Part 36 since its publication on November 18, 1969. Noise level data for international airplanes certificated to ICAO Annex 16 standards are also provided for informational purposes.
2. **BACKGROUND.** Within the agency's regulatory program for airplane noise, both present and future rulemaking requires the quantification of airplane noise levels. Additionally, progress in the control and abatement of aircraft noise continues to be made to achieve further relief and protection to the public. For example, FAR Part 91 provides for progressive fleet compliance with FAR Part 36 for most previously excepted airplanes in accordance with a phased time schedule ending on January 1, 1985. This expanded listing of existing airplane noise levels will provide both private and public exposure to this progress, as well as offering a common noise level reference for potential future reductions.
3. **NOISE LEVELS.** Noise levels during type certification under FAR Part 36 are presented in Appendices 1, 2, and 3. Appendix 4 contains definitions that apply to the headings of Appendices 1, 2, and 3. Noise levels of turbojet powered aircraft, measured during type certification under FAR Part 36 Appendix C, are presented in Appendix 1. Appendix 1 includes tabulations of engine type, maximum takeoff and landing weights, flap settings, and thrust as well as the measured noise in Effective Perceived Noise Level (EPNdB) compared with the appropriate FAR Part 36 Appendix C, noise level requirement. In addition to indicating the noise limit that the aircraft meets, the appropriate "Stage" to which each aircraft has been certificated is also designated. In each case, the measured data have been corrected to sea level, 77°F, 70% relative humidity conditions using the procedures outlined in FAR Part 36.

Since the original measurement locations and noise test conditions cited in FAR Part 36, November 18, 1969, have been amended through the years, the noise levels contained herein are for the measurement locations and noise test conditions applicable at the time of certification. Specific information providing more detail on either the measurement locations or noise test conditions, if available, are indicated by the notes accompanying each listing. Blank spaces or lack of notes in the report indicate that the data were not available.

Turbojet powered aircraft are presented for one or more of three takeoff conditions (full thrust, the power or thrust needed to maintain level flight with one engine inoperative, or the power or thrust necessary to maintain a four percent climb gradient). While only one takeoff noise level is required for certification, the additional data are provided for informational purposes.

Appendix 1 also contains several listings of turbojet powered aircraft certificated to ICAO Annex 16, Chapters 2 and 3 and identified by a "9" in the "note" column. Measurement locations may differ between U.S. FAR Part 36 and ICAO Annex 16. Turbojet-powered aircraft designated by an "I" in the reference column may show sideline measurement locations at 650m and/or estimated at 450m. It may be necessary for the manufacturer to apply direct tests, estimations, equivalencies or approximations to Annex 16 noise levels to achieve compliance with FAR Part 36 noise standards. Noise levels thus obtained by analysis may imply invoking substantial equivalencies between Annex 16 and FAR Part 36. However, Annex 16 noise levels are provided for informational purposes since internationally certificated aircraft may operate in the U.S.

Noise levels of propeller-driven aircraft over 12,500 lbs., measured during type certification under FAR Part 36 Appendix C are presented in Appendix 2. Appendix 2 includes tabulations of maximum takeoff and landing weights, engine type, horsepower, propeller type, diameter, and flap settings as well as the Effective Perceived Noise Level (EPNdB) at sideline, takeoff, and approach measurement locations for each aircraft and configuration.

Appendix 3 lists the certificated airplane noise levels for propeller-driven airplanes not exceeding 12,500 lbs. This appendix includes a tabulation of maximum takeoff and landing weights, engine type, horsepower and propeller type, diameter and flap settings for the various certificated propeller-driven aircraft. The measured A-weighted sound level (dBA) for flyover have been corrected to sea level, 77°, 70% relative humidity conditions where required by FAR Part 36, Appendix F.

Both Appendix 2 and Appendix 3 contain several listings of propeller-driven aircraft certificated to international standards under ICAO Annex 16, Chapter 6, and identified by an "I" in the reference column. These aircraft are included since ICAO Chapter 6 and FAR Part 36 Appendix F standards have similar measurement locations and noise limits. Also, although certificated internationally, these aircraft may operate within the U.S., so noise levels are listed for informational purposes.

4. REVISIONS. The airplane noise level listings of this Advisory Circular will be revised and updated periodically.

5. CANCELLATION. Advisory Circular 36-1B, Certificated Airplane Noise Levels, dated November 5, 1977, is canceled.


John E. Westler
Director of Environment and Energy

APPENDIX 1
AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW :--- :1000)	E N G I N E		:FLAPS: :(LFE):		NOISE LEVELS-EPNOB		FAR PART 36 LIMITS IN EPNOB			S T A E E	NOTES	REF.	
		NUMBER	MODEL CODE	THRUST :(LBS/ :1000)	T/O	S/L	FULL :THRUST	ENGINE:APPR. :CUT C/B:2000P	S/L	T/O				APP
AEROSPATIALE CARAVELLE 10-B1R	:114.5 :--- :109.0	2 :--- JT8D-7	14.00 :--- 1.10	5 :--- 35	98.2	---	---	105.1	103.2	96.0	103.2	2	9	I-9
AEROSPATIALE CARAVELLE 10-B1R	:119.0 :--- :105.0	2 :--- JT8D-7	14.00 :--- 1.10	5 :--- 35	98.1	---	---	105.1	103.3	96.3	103.3	2	9	I-9
AEROSPATIALE CARAVELLE 10-B3	:119.0 :--- :105.0	2 :--- JT8D-7	14.00 :--- 1.10	5 :--- 45	97.7	---	---	106.2	103.3	96.3	103.3	2	9	I-9
AEROSPATIALE CARAVELLE 10-B3	:125.6 :--- :105.0	2 :--- JT8D-9	14.20 :--- 1.10	5 :--- 45	98.2	---	---	106.2	103.5	96.7	103.5	2	9	I-9
AEROSPATIALE CARAVELLE 11R	:114.5 :--- :109.0	2 :--- JT8D-7	14.00 :--- 1.10	5 :--- 35	97.5	---	---	105.1	103.2	96.0	103.2	2	9	I-9
AEROSPATIALE CARAVELLE 12	:119.0 :--- :105.0	2 :--- JT8D-9	14.20 :--- 1.10	5 :--- 45	98.4	---	---	105.5	103.3	96.3	103.3	2	9	I-9
AEROSPATIALE CARAVELLE 12	:123.4 :--- :105.0	2 :--- JT8D-9	14.20 :--- 1.10	5 :--- 45	98.3	---	---	105.5	103.4	96.6	103.4	2	9	I-9
AEROSPATIALE CARAVELLE 12	:127.0 :--- :105.0	2 :--- JT8D-9	14.20 :--- 1.10	5 :--- 45	98.2	---	---	105.5	103.5	96.8	103.5	2	9	I-9
AEROSPATIALE SNECI CORVETTE	:13.9 :--- :12.4	2 :--- JT15D-4	2.50 :--- 2.50	15 :--- 35	85.4	80.4	---	85.5	102.0	93.0	102.0	2		A-1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AC 36-1C
Appendix I

AIRCRAFT MANUFACTURER AND TYPE	PICTW ---	ENGINE NUMBER ---	FLAPS (LEG) 1/C	NOISE LEVELS-EPNDB				FAR PART 36 LIMITS IN EPNDB			S T A G E	NOTES REF.			
				THRUST (LBS/ 1000)	S/L AFF	FLL 450 M	ENGINE TUST OLT C/B	APPR. 2000M	100.0	105.0			110.0		
	PLW	MODEL CODE		650 M EPR	4 PCT ALT. FT	CLIMB	S/L	T/O	APP						
AEROSPAZIALE SNECI CORVETTE	14.6	2		2.52	15	61.2									
	---	---		---	---	---									
	13.2	CT150-4		2.50	35	81.0	2610	74.0	90.0	102.0	93.0	102.0	2	9	I-8
AIRBUS A300P1	302.1	2		48.40											
	---	---		---	---	---									
	229.0	CF6-50A		4.60	25	90.7		87.5	101.1	106.0	103.0	106.0	2	9	I-9
AIRBUS A300P2 K3C	313.1	2		50.36											
	---	---		---	---	---									
	226.7	CF6-50C		4.60	25	92.6		87.0	101.7	106.1	103.3	106.1	2	9	I-9
AIRBUS A300E2-1A	302.1	2		48.32											
	---	---		---	---	---									
	221.1	CF6-50A		4.60	25	90.7		87.9	101.1	106.0	103.0	106.0	2	9	I-9
AIRBUS A300E2-1C	302.1	2		50.36											
	---	---		---	---	---									
	281.1	CF6-50C		4.60	25	91.0		87.1	101.1	106.0	103.0	106.0	2	9	I-9
AIRBUS A300B2-1C	315.1	2		50.36											
	---	---		---	---	---									
	226.7	CF6-50C		4.60	25	92.6		88.2	101.3	106.1	103.3	106.1	2	9	I-9
AIRBUS A300P2-202	313.1	2		51.70											
	---	---		---	---	---									
	226.7	CF6-50C1		4.60	25	93.5		86.5	101.7	106.1	103.3	106.1	2	9	I-8, I-9
AIRBUS A300E2-32C	330.8	2		50.36	8	98.5		90.3							
	---	---		---	---	---									
	293.3	CT90-59A		4.90	15				100.5	106.3	103.7	106.3	2	9	I-9
AIRBUS A300P4-102	347.3	2		51.70											
	---	---		---	---	---									
	294.8	CF6-50C1		4.60	25	93.3		90.1	101.9	106.4	104.0	106.4	2	9	I-9

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW MLW (LBS/ 1000)	E N G I N E NLNBER MODEL CODE	THRUST (LBS/ 1000)	FLAPS (CEG) T/C AFF	NOISE LEVELS-EPNDB				FAR PART 36 LIMITS IN EPNDB			S T A G E	NOTES	REF.
					S/L 450 M 650 M ALT. FT.	FLL THRUST TAKEOFF 4 PCT CLIMB	ENGINES CLT C/B 2000P	S/L	T/O	APP				
AIRBUS A300B4-2C	330.8 253.3	2 CF6-50C	50.36 4.60	96.3 15	91.0 89.0	101.2	106.3	103.7	106.3	2	9*	I-8		
AIRBUS A300B4-2C	330.8 253.3	2 CF6-50C	50.36 4.60	96.3 25	91.0 89.0	101.5	106.3	103.7	106.3	2	9	I-9		
AIRBUS A300B4-2C	327.4 253.3	2 CF6-50C	50.36 4.60	96.3 15	91.2 89.6	101.2	106.3	103.8	106.3	2	9*	I-8		
AIRBUS A300B4-2C	327.4 253.3	2 CF6-50C	50.36 4.60	96.3 25	91.2 89.6	101.5	106.3	103.8	106.3	2	9	I-9		
AIRBUS A300B4-2C	347.3 253.3	2 CF6-50C	50.36 4.60	96.2 15	92.0 90.5	101.2	106.4	104.0	106.4	2	9*	I-8		
AIRBUS A300B4-2C	347.3 253.3	2 CF6-50C	50.36 4.60	96.2 25	92.0 90.5	101.5	106.4	104.0	106.4	2	9	I-9		
BOEING B-727-100	160.5 142.5	3 JT8D-1FCC	14.00 1.10	99.2 30	96.6	98.5	104.2	98.5	104.2	2	3*	A-1 B-1		
BOEING B-727-100	160.5 137.5	3 JT8D-1FCC	14.00 1.10	99.2 40	96.6	104.2	104.2	98.5	104.2	2	3	A-1 B-1		
BOEING B-727-100	160.5 142.5	3 JT8D-7FCC	14.00 1.10	100.2 30	96.0	98.5	104.2	98.5	104.2	2	3 16*	A-1 B-1		

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AC 36-1C
Appendix 1

AIRCRAFT MANUFACTURER AND TYPE	MTOW (LBS/ 1000)	E N G I N E		FLAPS (DEG)		NOISE LEVELS-EPND				FAR PART 36 LIMITS IN EPND			S T A G E	NOTES	REF.	
		PLW	NUMBER	THRUST (LBS/ 1000)	T/C	S/L	FULL	ENGINE	APPR.	APPR.	T/O	APP				
BOEING B-727-100	160.5	3	14.00	5	100.2	96.0										
	137.5	JT8D-7FCD	1.10	40				104.3	104.2	98.5	104.2	2	3 16	A-1 B-1		
BOEING B-727-100	160.5	3	14.50	5	100.2	96.1										
	142.5	JT8D-9FCD	1.03	30				102.0	104.2	98.5	104.2	2	3 17	A-1 B-1		
BOEING B-727-100	160.5	3	14.50	5	100.2	96.1										
	137.5	JT8D-9FCD	1.03	40				105.8	104.2	98.5	104.2	2	3 17	A-1 B-1		
BOEING B-727-100	169.5	3	14.00	5	99.1	98.5										
	142.5	JT8C-1FCD	1.10	30				98.5	104.3	98.9	104.3	2	3*	A-1 B-1		
BOEING B-727-100	169.5	3	14.00	5	99.1	98.5										
	137.5	JT8D-1FCD	1.10	40				104.3	104.3	98.9	104.3	2	3	A-1 B-1		
BOEING B-727-100	169.5	3	14.00	5	100.0	97.9										
	142.5	JT8D-7FCD	1.10	30				98.9	104.3	98.9	104.3	2	3 16	B-1		
BOEING B-727-100	169.5	3	14.00	5	100.0	97.9										
	137.5	JT8D-7FCD	1.10	40				104.3	104.3	98.9	104.3	2	3 16	B-1		
BOEING B-727-100	169.5	3	14.50	5	100.0	98.3										
	142.5	JT8C-5FCD	1.03	30				102.0	104.3	98.9	104.3	2	3 17	A-1 B-1		
BOEING B-727-100	169.5	3	14.50	5	100.0	98.3										
	137.5	JT8C-5FCD	1.03	40				105.8	104.3	98.9	104.3	2	3 17	A-1		

6/6/83

AIRCRAFT ACISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	E N G I N E		FLAPS: (DEG): NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.			
		PLW ---	NUMBER ---	THRUST (LBS/ 1000)	T/C ---	S/L ---	FLL ---	ENGINE APPR ---	CUT C/B 2000M	S/L				T/O	APP	
	(LBS/ 1000)	MODEL CODE		BPR		450 M ---	STAKEFF ---	650 M ---	4 PCT ---	S/L	T/O	APP				
BOEING B-727-200	172.5 ---	3 ---	14.00 ---	15 ---	100.4 ---	---	---	100.0 ---	---	102.6	104.4	99.0	104.4	2	3	16+ A-1 B-1
	150.0	JT8D-7FCC	1.10	30												
BOEING B-727-200	172.5 ---	3 ---	14.00 ---	15 ---	100.4 ---	58.7	---	100.0 ---	---	106.3	104.4	99.0	104.4	2	3	16+ B-1
	142.5	JT8D-7FCC	1.10	40		1270										
BOEING B-727-200	172.5 ---	3 ---	14.00 ---	15 ---	100.4 ---	---	---	100.0 ---	---	101.6	104.4	99.0	104.4	2	2	16+ A-1 B-1
	152.0	JT8D-7QW	1.10	30												
BOEING B-727-200	172.5 ---	3 ---	14.00 ---	15 ---	100.4 ---	---	---	100.0 ---	---	104.9	104.4	99.0	104.4	2	2	16 A-1 B-1
	142.5	JT8D-7QW	1.10	40												
BOEING B-727-200	172.5 ---	3 ---	14.50 ---	15 ---	100.4 ---	---	---	99.0 ---	---	100.3	104.4	99.0	104.4	2	2	17+ B-1
	150.0	JT8C-90W	1.04	30												
BOEING B-727-200	172.5 ---	3 ---	14.50 ---	15 ---	100.4 ---	---	---	99.0 ---	---	103.2	104.4	99.0	104.4	2	2	17 B-1
	142.5	JT8C-90W		40												
BOEING B-727-200	177.6 ---	3 ---	14.00 ---	5 ---	99.8 ---	---	---	99.8 ---	---	106.3	104.5	99.2	104.5	2	3	16+ B-1
	150.0	JT8C-7FCD	1.10	30												
BOEING B-727-200	177.6 ---	3 ---	14.00 ---	5 ---	99.8 ---	58.7	---	99.8 ---	---	106.3	104.5	99.2	104.5	2	3	16 B-1 N/W
	142.5	JT8D-7FCD	1.10	40		1270										
BOEING B-727-200	178.0 ---	3 ---	14.50 ---	5 ---	99.8 ---	---	---	100.7 ---	---	105.8	104.5	99.2	104.5	2	3	17+ B-1 N/W
	150.0	JT8C-9FCD	1.02	30												

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AC 36-1C
Appendix 1

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	ENGINE NUMBER MODEL CODE	THRUST (LBS/ 1000) ---	S/L ---	FLL ---	ENGINE APPR. C/B:2000M ---	FAR PART 36 LIMITS IN EPNDB			S T A G E	NOTES	REF.	
							FLAPS (LEG) T/O	NOISE LEVELS-EPNOB	APP 4 PCT CLIMB				S/L
BOEING B-727-200	164.2	3 JT8D-15G	15.50	15	102.2	98.8	100.4	104.6	99.5	104.6	2	2 18*	A-1 B-1
BOEING B-727-200	184.2	3 JT8D-15G	15.50	15	102.2	98.8	103.2	104.6	99.5	104.6	2	2 18	A-1 B-1
BOEING B-727-200	194.8	3 JT8D-5G	14.50	15	100.2	101.5	100.4	104.6	99.5	104.6	2	2 17*	A-1 B-1
BOEING B-727-200	184.8	3 JT8D-5G	14.50	15	100.2	101.5	103.2	104.6	99.5	104.6	2	2 17	A-1 B-1
BOEING B-727-200	190.5	3 JT8D-15G	15.50	15	102.2	100.0	100.7	104.7	99.7	104.7	2	2 18*	B-1
BOEING B-727-200	190.5	3 JT8D-15G	15.50	15	102.2	100.0	103.2	104.7	99.7	104.7	2	2 18	B-1
BOEING B-727-200	190.5	3 JT8D-17G	16.00	15	103.7	99.6	100.7	104.7	99.7	104.7	2	2 19*	A-1 B-1
BOEING B-727-200	190.5	3 JT8D-17G	16.00	15	103.7	99.6	103.2	104.7	99.7	104.7	2	2 19	A-1 B-1
BOEING B-727-200	190.5	3 JT8D-17G	16.40	15	104.5	100.2	100.7	104.7	99.7	104.7	2	2 20*	B-1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	MTOW	ENGINE NUMBER	FLAPS (EE)	NOISE LEVELS-EPNDB		FAR PART 36 LIMITS IN EPNDB				S T A G E	NOTES	REF.				
				THRUST (LBS/1000)	S/L	FULL TAPECF	ENGINE CLT C/R	APPR	2000P				20	19		
	MLW	MODEL CODE	PRR	450 M 650 M	4 PCT ALT. FT	S/L	T/O	APP								
BOEING B-727-200	150.5	3	16.40	E	104.7	98.9										
	142.5	JT8C-17RGN		40					103.2	104.7	99.7	104.7	2	2	20	A-1 B-1
BOEING B-727-200	157.0	3	16.00	E	103.6	100.9										
	140.0	JT8C-17GA		30					100.7	104.8	100.0	104.8	2	2	19	B-1
BOEING B-727-200	157.0	3	16.00	E	103.6	100.9										
	142.5	JT8D-17GA		40					103.2	104.8	100.0	104.8	2	2	19	B-1
BOEING B-727-200	157.0	3	16.40	E	104.7	98.9										
	140.0	JT8D-17RGN		30					100.7	104.8	100.0	104.8	2	2	20	A-1 B-1
BOEING B-727-200	157.0	3	16.40	E	104.5	100.2										
	142.5	JT8C-17RGN		40					103.2	104.8	100.0	104.8	2	2	20	B-1
BOEING B-727-200	203.1	3	16.00	E	103.5	102.3										
	181.0	JT8C-17GA		30					100.7	104.9	100.2	104.9	2	2	19	A-1 B-1
BOEING B-727-200	203.1	3	16.00	E	103.5	102.0										
	142.5	JT8D-17GA		40					103.2	104.9	100.2	104.9	2	2	19	A-1 B-1
BOEING B-727-200	203.1	3	16.00	E	103.5	102.3										
	158.0	JT8C-17GA		40					104.5	104.9	100.2	104.9	2	2	19	B-1
BOEING B-727-200	204.0	3	16.40	E	104.2	102.4										
	169.0	JT8C-17RGN		30					100.4	104.9	100.4	104.9	2	2	20	A-1 B-1

6/6/83

Appendix I
AC 36-1C

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	ENGINE NUMBER	THRUST (LBS/ 1000)	FLAPS (EG)		NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.	
				1/C	APP	S/L	FLL	ENGINE	AFPR	S/L	T/O	APP				
BOEING B-727-200	205.0	3	16.40	5	104.2			102.4						2	2 20	A-1 B-1
	142.0	JT8D-17RGN		40					103.2	104.9	100.4	104.9				
BOEING B-727-200 ADV.	115.5	2	15.50	1	103.1			94.4						2	2 18	B-1
	103.0	JT8D-15GN		30					101.1	103.2	96.1	103.2				
BOEING B-727-200 ADV.	115.5	2	15.50	1	103.1			94.4						2	2 19	B-1
	101.0	JT8D-15GN		40					105.0	103.2	96.1	103.2				
BOEING B-727-200 ADV.	115.5	2	16.00	1	104.4			93.6						2	2 19	B-1
	103.0	JT8D-17GA		30					101.1	103.2	96.1	103.2				
BOEING B-727-200 ADV.	115.5	2	16.00	1	104.4			93.6						2	2 19	B-1
	95.3	JT8D-17GN		40					104.5	103.2	96.1	103.2				
BOEING B-727-200 ADV.	115.5	2	14.50	1	100.6			95.3						2	2 17	B-1
	103.0	JT8D-5GN		30					101.1	103.2	96.1	103.2				
BOEING B-727-200 ADV.	115.5	2	14.50	1	100.6			95.3						2	2 17	B-1
	103.0	JT8D-5GN		40					105.1	103.2	96.1	103.2				
BOEING B-727-200 ADV.	117.0	2	15.50	1	103.1			94.9						2	2 18	B-1
	105.0	JT8D-15GN		30					101.2	103.3	96.2	103.3				
BOEING B-727-200 ADV.	117.0	2	15.50	1	103.1			94.9						2	2 18	B-1
	98.5	JT8D-15GN		40					104.8	103.3	96.2	103.3				

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	PTOW ---	E N G I N E		FLAPS (DEG)		NOISE LEVELS-EPNOB					S Y A G E	NOTES	REF.	
		NUMBER	MODEL CODE	THRUST (LBS/ 1000)	RPR	T/C	S/L	FLL	ENGINE APPR.	FAR PART 36 LIMITS IN EPNOB				
	MLW					450	1000	1000	1000	1000	1000			
	(LES/ 1000)					650	1000	1000	1000	1000	1000			
						FT	CLIPB							
BOEING B-737-200 ADV.	117.0	2	16.00	1	104.4	94.0	101.2	103.3	96.2	103.3	2	2	19	B-1
	105.0	JT8C-170A		30										
BOEING B-737-200 ADV.	117.0	2	16.00	1	104.4	94.0	104.4	103.3	96.2	103.3	2	2	19	B-1
	94.0	JT8D-176A		40										
BOEING B-737-200 ADV.	119.5	2	15.50	1	103.0	95.6	101.2	103.3	96.4	103.3	2	2	18	B-1
	105.0	JT8D-156A		30										
BOEING B-737-200 ADV.	119.5	2	15.50	1	103.0	95.6	104.4	103.3	96.4	103.3	2	2	18	B-1
	94.0	JT8D-156A		40										
BOEING B-737-200 ADV.	119.5	2	16.00	1	104.4	94.3	101.2	103.3	96.4	103.3	2	2	19	B-1
	105.0	JT8D-176A		30										
BOEING B-737-200 ADV.	119.5	2	16.00	1	104.4	94.3	104.4	103.3	96.4	103.3	2	2	19	B-1
	93.0	JT8C-176A		40										
BOEING B-737-200 ADV.	119.5	2	14.50	1	100.3	96.1	101.2	103.3	96.4	103.3	2	2	17	B-1
	105.0	JT8C-50A		20										
BOEING B-737-200 ADV.	119.5	2	14.50	1	100.3	96.1	105.3	103.3	96.4	103.3	2	2	17	B-1
	105.0	JT8C-50A		40										
BOEING B-737-200 ADV.	122.5	2	14.50	1	99.5	96.9	101.2	103.4	96.5	103.4	2	2	17	B-1
	105.0	JT8C-50A		20										

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	E N G I N E		FLAPS:		NOISE LEVELS-EPNDB		FAR PART 36		S T A G E	NOTES	REF.
	M10W	NUMBER	THRUST (LBS/ 1000)	T/C	S/L	FULL ENGINE CUT C/B	AFPR	LIMITS IN EPNDB			
	PLW	MODEL CODE	BPR	APP	450 M 650 M	4 PCT CLIMB	S/L	T/O	APP		
BOEING B-737-200 ADV.	122.5	2	14.50	1	59.5		96.9				
	105.0	JT8D-50A	40				105.3	103.4	96.5	103.4	2 2 17 8-1
BOEING B-737-200 ADV.	124.5	2	15.50	1	102.9		97.2				
	107.0	JT8D-15GA	30				101.4	103.5	96.7	103.5	2 2 18 8-1
BOEING B-737-200 ADV.	124.5	2	15.50	1	102.9		97.2				
	86.2	JT8D-15GA	40				103.6	103.5	96.7	103.5	2 2 18 8-1
BOEING B-737-200 ADV.	124.5	2	16.00	1	104.3		95.8				
	107.0	JT8C-170A	30				101.4	103.5	96.7	103.5	2 2 19 8-1
BOEING B-737-200 ADV.	124.5	2	16.00	1	104.3		95.8				
	86.2	JT8C-170A	40				103.6	103.5	96.7	103.5	2 2 19 8-1
BOEING B-737-200 ADV.	126.1	2	15.50	1	102.4		97.7				
	107.0	JT8D-15GA	30				101.4	103.5	96.9	103.5	2 2 18 8-1
BOEING B-737-200 ADV.	126.1	2	15.50	1	102.4		97.7				
	86.0	JT8D-15GA	40				103.8	103.5	96.9	103.5	2 2 18 8-1
BOEING B-737-200 ADV.	126.1	2	16.00	1	104.1		97.0				
	107.0	JT8C-170A	30				101.4	103.5	96.9	103.5	2 2 19 8-1
BOEING B-737-200 ADV.	126.1	2	16.00	1	104.1	104.1	97.0				
	79.1	JT8D-17GA	40				102.8	103.5	96.9	103.5	2 2 19 8-1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER A/C TYPE	MTOW PLW (LBS/1000)	ENGINE NUMBER MODEL CODE	THRUST (LBS/1000) EPR	FLAPS (C/F)	NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.
					1/0	S/L : FULL APP	ENGINE C/B:2000M	APP	S/L	1/0	APP			
BCEING B-737-200 ACN-ACV	100.5	2	14.00	1	101.7	92.1	95.1	102.8	95.1	102.8	2	2	16	A-1 B-1
	99.0	JT8C-7GA	1.10	30										
BCEING B-737-200 ACN-ACV	100.5	2	14.00	1	101.7	92.1	102.1	102.8	95.1	102.8	2	2	16	A-1 B-1
	99.0	JT8C-7GA	1.10	40										
BOEING B-737-200 ACN-ACV	109.0	2	14.00	1	101.3	94.7	99.1	103.1	95.7	103.1	2	2	16	B-1
	99.0	JT8C-70A	1.10	30										
BCEING B-737-200 NON-ACV	109.0	2	14.00	1	101.3	94.7	102.1	103.1	95.7	103.1	2	2	16	B-1
	99.0	JT8D-70A	1.10	40										
BCEING B-737-200 ACN-ACV	109.0	2	14.50	1	100.7	93.2	100.8	103.1	95.7	103.1	2	2	17	A-1 B-1
	99.0	JT8C-5GA	1.03	30										
BCEING B-737-200 ACN-ACV	109.0	2	14.50	1	100.7	93.2	104.8	103.1	95.7	103.1	2	2	17	A-1 B-1
	99.0	JT8C-5GA	1.03	40										
BCEING B-737-200 NON-ACV	119.5	2	14.50	1	100.4	95.2	101.2	103.2	96.1	103.2	2	2	17	A-1 B-1
	103.0	JT8D-5GA	1.03	30										
BCEING B-737-200 ACN-ACV	119.5	2	14.50	1	100.4	95.2	105.2	103.2	96.1	103.2	2	2	17	A-1 B-1
	100.0	JT8D-50A	1.03	40										
BCEING B-737-200 NON-ACV	117.0	2	14.50	1	100.1	95.5	101.2	103.3	96.2	103.3	2	2	17	A-1 B-1
	103.0	JT8C-50A	1.03	30										

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AC 36-1C
Appendix 1

AIRCRAFT MANUFACTURER AND TYPE	MTOW PLW (LBS/ 1000)	E N G I N E		:FLAPS: (DEC):		NOISE LEVELS-EPND8				FAR PART 36 LIMITS IN EPND8			S T A G E E	NOTES	REF.		
		NUMBER	MODEL CODE	THRUST (LBS/ 1000)	T/C	S/L	FULL	ENGINE:APPR.	CLT C/B:2COOP	S/L	T/O	APP					
BOEING B-737-200 NGN-AEV	117.0	2	14.50	1	100.3	95.5											
	101.7	JT8C-90A	1.03	40					105.3	103.3	96.2	103.3	2	2 17	A-1 B-1		
BOEING B-737-200 NGN-AEV	124.5	2	16.00	1	104.3	95.8											
	107.0	JT8C-170A		30					101.4	103.5	96.7	103.5	2	2 19	B-1		
BOEING B-737-200 NGN-AEV	124.5	2	16.00	1	104.3	95.8											
	106.2	JT8C-170A		40					103.6	103.5	96.7	103.5	2	2 19	B-1		
BOEING B-747-SP	600.0	4	43.73	10	104.4												
	450.0	JT9D-7A	5.10	20	99.0	1440			103.4	108.0	108.0	108.0	2		A-1 B-1		
BOEING B-747-SP	600.0	4	46.37	10	104.4												
		JT9C-7F	5.10	30	99.2	1600			104.1	108.0	108.0	108.0	2		A-1 B-1		
BOEING B-747-SP	600.0	4	43.73	10	105.6												
		JT9D-7A	5.10	30	98.9	1220			103.7	108.0	108.0	108.0	2		A-1 B-1		
BOEING B-747-SP	655.0	4	48.24	10	105.7												
	475.0	JT9C-7F6	5.10	30	95.5	1520			104.1	108.0	108.0	108.0	2		B-1		
BOEING B-747-SP	600.0	4	48.10	10	99.6	101.0											
	450.0	FB-211-524P2	4.50	30	96.5	1565	99.6		102.8	102.1	104.8	105.0	3		B-1		
BOEING B-747-SP	600.0	4	48.10	10	99.6	101.0											
	450.0	FB-211-524P2	4.50	30	96.5	1565	99.6		102.8	105.1	107.8	108.0	20		B-1		

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	MTOW --- PLW (LBS/ 1000)	E N G I N E		FLAPS		NOISE LEVELS-EPNdB				FAR PART 36			S T A G E	NOTES	REF.		
		NUMBER	MODEL CODE	THRUST (LBS/ 1000)	T/C	S/L	FULL	ENGINE	APPR.	LIMITS IN EPNdB							
										APPR.	450	M:THRUST				CUT C/B	2000M
APPR.	4 PCT	S/L	T/O	APP													
BOEING B-747-SF	701.0 --- 475.0	4 --- JT9C-7F6	48.24 --- 5.10	1C --- 3C	105.5 --- 95.5	1473	---	104.1	108.0	108.0	108.0	2			B-1		
BOEING B-747-SF	702.0 --- 465.0	4 --- JT9C-7A	43.73 --- 5.10	1C --- 2C	106.0 --- 98.8	1146	---	103.2	105.1	107.9	108.0	20			B-1		
BOEING B-747-SF	702.0 --- 450.0	4 --- JT9C-7J	48.40 --- 5.10	1C --- 3C	106.0 --- 95.5	1475	---	103.3	105.1	107.8	108.0	20			B-1		
BOEING B-747-SF	702.0 --- 450.0	4 --- RB.211-52404	---	1C --- 2C	96.8 --- 96.8	1637	99.2	107.2	105.1	107.8	108.0	20			B-1		
BOEING B-747-SF	702.0 --- 410.0	4 --- RB.211-52404	---	1C --- 2C	99.8 --- 96.8	1637	99.2	107.0	102.1	104.8	105.0	3			B-1		
BOEING B-747-SR	570.0 --- 569.0	4 --- JT9C-7A	43.73 --- 5.10	1C --- 3C	95.5 --- 96.5	2241	---	106.2	107.8	107.6	107.6	2			A-1 B-1		
BOEING B-747-SR	570.0 --- 569.0	4 --- JT9C-7A	43.73 --- 5.10	1C --- 3C	101.0 --- 99.5	2241	---	106.7	107.4	107.6	107.8	2			B-1		
BOEING B-747-SR	571.0 --- 569.0	4 --- CF6-45A2	46.50 --- 4.30	1C --- 2C	98.4 --- 95.7	2282	93.0	104.2	104.4	106.7	107.7	20			B-1		
BOEING B-747-SR	571.0 --- 569.0	4 --- CF6-45A2	46.50 --- 4.30	1C --- 2C	98.4 --- 95.7	2282	93.0	104.2	101.4	103.7	104.7	30			B-1		

6/6/83

AC 36-1C
Appendix I

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AC 36-1C
Appendix I

AIRCRAFT MANUFACTURER AND TYPE	MTOW MLW (LBS/ 1000)	E N G I N E		:FLAPS:		:NOISE LEVELS-EPADR				FAR PART 36 LIMITS IN EPDR			S T A G E 5	NOTES	REF.	
		NUMBR	MODEL CODE	THRUST (LBS/ 1000)	T/C	S/L	FLL	ENGINE	AFPR	CLT C/B	2000M	S/L				1/0
BOEING B-747-SR	600.0 564.0	4 JT9C-7A	43.43 5.10	1C 3C	102.4 99.4	102.0 100.0				106.3	104.5	106.9	107.9	2D	B-1	
BOEING B-747-SR	610.0 564.0	4 JT9C-7A	43.73 5.10	1C 3C	102.4 99.3	102.4 100.0				106.7	108.7	109.0	108.3	2	B-1	
BOEING B-747-100	710.0 564.0	4 JT9C-7	46.30 5.10	1C 3C	106.6 99.2	106.6 102.6				106.9	108.7	108.0	108.0	2	A-1 B-1	
BOEING B-747-100	750.0 565.0	4 JT9C-7A	43.73 5.10	1C 3C	107.6 98.8	107.6 100.0				106.9	108.0	108.3	108.0	2	B-1	
BOEING B-747-100	750.0 565.0	4 JT9C-7F	46.73 5.10	1C 3C	109.4 100.3	109.4 101.4				108.0	109.0	109.0	108.0	2	A-1 B-1	
BOEING B-747-100	750.0 565.0	4 JT9C-7FW	48.24 5.10	1C 3C	102.4 99.4	107.6 106.6				107.4	108.0	108.0	108.0	2	B-1	
BOEING B-747-100	750.0 565.0	4 JT9C-7FWET	48.24 5.10	1C 3C	109.4 100.9	109.4 106.6				108.0	108.0	108.0	108.0	2	A-1 B-1	
BOEING B-747-100	750.0 565.0	4 JT9C-7WET	47.50 5.10	1C 3C	107.7 99.6	107.7 102.9				107.1	108.0	108.0	108.0	2	A-1 B-1	
BOEING B-747-100	750.0 565.0	4 PR.211-524C2	45.40 4.50	1C 3C	103.6 96.9	103.6 100.0				106.5	105.3	108.0	108.0	2D	B-1	

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW PLW (LBS/ 1000)	ENGINE NUMBER MODEL CODE	FLAPS (DEG)	NOISE LEVELS-EPNDB				FAR PART 36 LIMITS IN EPNDB				S T A G E	NOTES	REF.		
				THRUST (LBS/ 1000)	S/L 450 FT	FULL MTHRUST	ENGINE CUT C/B	APPR. 2000M	S/L	T/O	APP					
BOEING B-747-200	767.0	4	43.50	10	106.6											
	564.0	JT9D-3A	5.17	20	97.2	987				106.0	108.0	108.0	108.0	2		A-1 B-1
BOEING B-747-200	770.0	4	46.30	10	107.4											
	564.0	JT9D-7	5.10	20	97.8	761				106.2	108.0	108.0	108.0	2		A-1 B-1
BOEING B-747-200	772.0	4	45.00	10	107.7											
	565.0	JT9D-3A WFT	5.17	20	97.7	715				106.2	108.0	108.0	108.0	2		A-1 B-1
BOEING B-747-200	775.0	4	52.50	10	101.0	105.2										
	565.0	CF6-50E	4.30	20	98.4	1284	99.9			104.5	105.4	108.0	108.0	2D		A-1 B-1
BOEING B-747-200	775.0	4	52.50	10	101.0	105.2										
	565.0	CF6-50E		20	98.4	1284	99.9			104.5	102.4	105.3	105.0	3*		B-1
BOEING B-747-200	775.0	4	46.37	10	109.6											
	564.0	JT9D-7F	5.10	20	98.9	870				107.2	108.0	108.0	108.0	2		A-1 B-1
BOEING B-747-200	775.0	4	52.47	10	107.5											
	564.0	JT9D-7G	4.50	20	101.0	1286	100.2			106.2	105.4	108.0	108.0	2D		B-1
BOEING B-747-200	785.0	4	43.73	10	105.2											
	630.0	JT9D-7A	5.10	20	98.7	716				107.3	108.0	108.0	108.0	2		A-1 B-1
BOEING B-747-200	785.0	4	43.73	10	105.2											
	630.0	JT9D-7A	5.10	20	98.7	716				107.2	108.0	108.0	108.0	2		B-1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	MTOW (LBS/ 1000)	ENGINE MODEL CODE NLNEER	FLAPS (DEG) 1/C	NOISE LEVELS-EPNDB				FAR PART 36 LIMITS IN EPNDB			S T A G E	NOTES	REF.
				THRUST (LBS/ 1000)	S/L APP	FULL M:THRUST	ENGINE CLT C/B	APPR 2000M	108.0	106.0			
				BPR	ALT. FT	CLIMB		S/L	1/0	APP			
BOEING B-747-200	785.0	4 JT9D-7F	10	48.24 5.10	109.0 98.8	105.0 619		107.8	108.0	106.0	108.0	2	A-1 B-1
BOEING B-747-200	785.0	4 JT9D-7ME1	10	47.90 5.10	107.2 98.2	107.2 833		106.8	108.0	108.0	108.0	2	A-1 B-1
BOEING B-747-200	800.0	4 CF6-50F	10	52.50 4.30	100.9 98.3	106.1 1128		105.6	105.5	108.0	108.0	2D	B-1
BOEING B-747-200	800.0	4 CF6-50E	10	52.50 4.30	100.9 98.3	106.1 1128		105.6	102.5	105.5	105.0	3*	B-1
BOEING B-747-200	800.0	4 JT9D-7F	10	46.31 5.10	109.7 98.8	109.7 735		107.8	108.0	108.0	108.0	2	B-1
BOEING B-747-200	800.0	4 JT9D-7J	10	48.40 5.10	109.3 99.2	109.3 681		107.8	108.0	108.0	108.0	2	B-1 NWM
BOEING B-747-200	800.0	4 PB.211-524F	10	48.10 4.30	105.5 96.0	105.5		107.8	108.0	108.0	108.0	2	A-1 B-1
BOEING B-747-200	805.0	4 JT9D-7F	10	48.24 5.10	109.4 99.2	109.4 645		107.8	108.0	108.0	108.0	2	B-1
BOEING B-747-200	812.0	4 JT9D-7F	10	48.24 5.10	109.7 99.2	109.7 616		107.4	105.5	108.0	108.0	2D	B-1

AIRCRAFT NOISE DATA SHEET
FOR JET-POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	ENGINE NUMBER MODEL CODE	THRUST (LBS/ 1000)	FLAPS (CFE) 1/C APP	NOISE LEVELS-EPND				FAR PART 36 LIMITS IN EPND	S T A G E F	NOTES	REF.
					S/L	FULL	ENGINE	APP				
	(LBS/ 1000)			450 M PSI	STAREFF ---	4 PCT ---	S/L	T/O	APP			
				ALT. FT	CLIMB							
BOEING B-747-200	820.0	4	52.50	10	100.0	100.0						
	---	---	---	---	---	---	105.6	105.6	108.0	108.0	2D	B-1
	630.0	CF6-50E	4.30	30	98.2	100.9	102.0					
BOEING B-747-200	820.0	4	52.50	10	100.0	100.0						
	---	---	---	---	---	---	105.6	102.6	105.6	105.0	3*	B-1
	630.0	CF6-50E	4.30	30	98.2	100.9	102.0					
BOEING B-747-200	820.0	4	52.50	10	101.6	107.2						
	---	---	---	---	---	---	105.6	102.6	105.6	105.0	3*	B-1
	666.0	CF6-50E2	4.30	30	99.0	103.3	101.0					
BOEING B-747-200	820.0	4	52.50	10	101.6	107.2						
	---	---	---	---	---	---	105.6	105.6	106.0	108.0	2D	B-1 NWM
	666.0	CF6-50E2	4.30	30	99.0	103.3	101.0					
BOEING B-747-200	820.0	4	52.47	10		105.4						
	---	---	---	---	---	---	104.4	105.6	108.0	108.0	2D	B-1 NWM
	630.0	T9C-70	4.90	25	100.0	110.0	101.0					
BOEING B-747-200	820.0	4	40.96	10		103.6						
	---	---	---	---	---	---	105.0	108.0	105.0	108.0	2	B-1
	630.0	JT9C-70A	4.90	30	96.1	102.6	100.7					
BOEING B-747-200	820.0	4	51.57	10		103.6						
	---	---	---	---	---	---	105.5	109.0	103.0	108.0	2	B-1
	630.0	JT9C-70A	4.90	30	96.4	100.0	100.2					
BOEING B-747-200	820.0	4	48.10	10		106.4						
	---	---	---	---	---	---	107.8	108.0	109.0	108.0	2	B-1
	630.0	RP-211-524E	4.50	30	95.9	99.3	105.5					
BOEING B-747-200	820.0	4	49.10	10		106.4						
	---	---	---	---	---	---	104.3	102.0	106.6	105.0	3*	B-1
	630.0	RP-211-524E2	4.50	25	95.9	99.3	105.5					

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	E N G I N E		:FLAPS: (CEG)		NOISE LEVELS-EPND8				FAR PART 36 LIMITS IN EPND8			S T A G E	NOTES	REF.	
	MTOW ---	NUMBER MODEL CODE	THRUST (LBS/ 1000)	T/C ---	S/L 450 M	FLL THRUST	ENGINE CLY C/R	AFPR 2000M	S/L	T/C	APP				
BOEING B-747-200	820.0	4 RB-211-S24E2	48.10	10	100.4										
	620.0		4.50	25	95.9	793		104.3	105.6	108.0	108.0	20	*	B-1	NWM
BOEING B-747-200	820.0	4 RB-211-S24E2	48.10	10	99.1	100.4									
	615.0		4.50	20	95.9	793	105.5	107.0	102.6	105.6	105.0	3*		B-1	
BOEING B-747-200	820.0	4 RB-211-S24E2	48.10	10	100.4										
	620.0		4.50	20	95.9	793		107.3	105.6	108.0	108.0	20		B-1	NWM
BOEING B-747-200	833.0	4 CF6-50E2	52.50	10	107.7										
	666.0		4.30	20	96.9	1033	101.2	105.6	105.7	108.0	108.0	20		B-1	
BOEING B-747-200	833.0	4 JT9D-70	52.47	10	103.5										
	666.0		4.90	25	100.8	911	103.2	104.9	102.7	105.7	105.0	3	*	B-1	
BOEING B-747-200	833.0	4 JT9C-70	52.47	10	105.5										
	666.0		4.90	20	100.8	1028	103.2	107.9	105.7	108.0	108.0	20		B-1	
BOEING B-747-200	833.0	4 JT9C-70	52.47	10	103.5										
	600.0		4.90	20	100.8	911	103.2	106.6	102.7	105.7	105.0	3		B-1	
BOEING B-747-200	833.0	4 RB-211-S24E2	49.40	10	99.5	100.5									
	620.0		4.50	25	96.6	900		104.3	102.7	105.7	105.0	3	*	B-1	
BOEING B-747-200	833.0	4 RB-211-S24E2	49.40	10	100.5										
	620.0		4.50	20	96.6	900		107.3	105.7	109.0	108.0	20		B-1	

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	M10W MLW (LBS/1000)	E N G I N E NUMBER MODEL CODE	THRUST (LBS/1000)	T/C AFF BPR	FLAPS (CEG) NOISE LEVELS-EPNDR			FAR PART 36 LIMITS IN EPNDR				S T A G E	NOTES	REF.
					S/L	FULL	ENGINE/APPR	CLT C/P	2000M	S/L	T/O			
BOEING B-747-200	833.0 615.0	4 RB-211-524C2	49.40 4.50	10 30	95.5 96.6	106.5 500		107.0	102.7	105.7	105.0	3*		B-1
BOEING B-747-200	833.0 620.0	4 RB-211-524C4	49.40 4.50	10 30	95.5 96.8	106.5 511		104.9	102.7	105.7	105.0	3*		B-1
BOEING B-747-200	833.0 630.0	4 RB-211-524C4	49.40 4.50	10 30	95.5 96.8	106.5 511		104.9	105.7	108.0	108.0	20		B-1
BOEING B-757-200	220.0 158.0	2 RB-211-525C	37.40 4.50	5 30	94.0 95.6		85.6	100.3	97.9	93.2	101.5	3		B-1
BOEING B-767-200	300.0 270.0	2 CF6-PCA	48.00 4.30	1 30	95.4 93.0	87.1		101.6	95.0	95.0	102.6	3		B-1
BOEING B-767-200	300.0 270.0	2 JT9D-7RAF(A)	48.00 4.50	1 30	95.6 93.0	89.8		102.1	99.0	95.0	102.6	3		B-1
BRITISH AIRCRAFT CORPORATION	400.0 245.0	4 OLYMPIUS 810	38.50					116.7	106.4	105.1	106.8	2		1-6
BRITISH AIRCRAFT CORPORATION	300.1 185.5	2 VIPER 520	3.15	45	97.5	2050	91.0	104.0	102.0	93.0	102.0	2	9	1-9
BRITISH AIRCRAFT CORPORATION	310.0 185.5	2 Viper 520	3.15	45	98.1		83.4	96.0	102.0	93.0	102.0	2		1-7

6/6/83

AC 36-1C
Appendix 1

AIRCRAFT NOISE DATA SHEET
FOR JET-POWERED AIRCRAFT

AIRCRAFT MANUFACTURER A/C TYPE	MTOW PLW (LBS/1000)	E N G I N E		NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.
		NUMBER MODEL CODE	THRUST (LBS/1000) EPR	T/C AFF	S/L 450 MTS 650 MTS ALT. FT	FULL THRUST TAMECF	ENGINE CLT C/R 4 PCT CLIMB	APPR. 2000M	S/L	1/0			
BRITISH AEROSPACE HS 125-1A /1167	21.7	2	3.7E	90.0	84.2	56.0	102.0	93.0	102.0	2		I-7	
		TFE 731-3	4E										
BRITISH AEROSPACE HS 125-1B	21.1	2	3.1E			105.0	102.0	93.0	102.0	2	9	I-9	
		1E.9 VVIPER 521	4E	98.5	2250	91.5							
BRITISH AEROSPACE HS 125-1B/R522/552	22.2	2	3.1E			104.5	102.0	93.0	102.0	2	9	I-9	
		1E.6 VVIPER 522	4E	100.0	2550	90.5							
BRITISH AEROSPACE HS 125-1P/522	21.1	2	3.1E			104.5	102.0	93.0	102.0	2	9	I-9	
		1E.6 VVIPER 522	4E	100.0	2750	90.0							
BRITISH AEROSPACE HS 125-3A	21.7	2	3.7E	90.0	84.2	96.3	102.0	93.0	102.0	2		I-7	
		TFE 731-3	4E										
BRITISH AEROSPACE HS 125-3A/RA	23.6	2	3.7E	89.8	85.5	95.7	102.0	93.0	102.0	2		I-7	
		TFE 731-3	4E										
BRITISH AEROSPACE HS 125-3B	21.6	2	3.1E			104.5	102.0	93.0	102.0	2	9	I-9	
		2E.0 VVIPER 522	4E	100.0	2650	90.5							
BRITISH AEROSPACE HS 125-3B/RA	22.7	2	3.1E			104.5	102.0	93.0	102.0	2	9	I-9	
		2E.0 VVIPER 522	4E	100.0	2450	91.5							
BRITISH AEROSPACE HS 125-400A	23.6	2	3.7E	89.8	85.5	95.7	102.0	93.0	102.0	2		I-7	
		TFE 731-3	4E										

AC 36-1C
Appendix 1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	E N G I N E		NOISE LEVELS-EPNDB				FAR PART 36 LIMITS IN EPNDB			S T A G E	NOTES	REF.				
		NUMBER	MODEL CODE	THRUST (LBS/ 1000)	T/O	S/L	FULL TAKEOFF 4 PCT CLIMB	ENGINE CUT C/P	APPR. 2000'	2				3	4		
BRITISH AEROSPACE HS 125-400B	23.4	2	VIPER 522	3.15	45	102.5	100.0	95.5	2350	92.0	104.5	102.0	93.0	102.0	2	9	I-6, I-9
BRITISH AEROSPACE HS 125-400F	23.6	2	TFE 731-2	3.65	45	90.0	88.0	85.5	2700	81.5	95.5	102.0	93.0	102.0	2	9	I-6, I-9
BRITISH AEROSPACE HS 125-402E	23.5	2	VIPER 522	3.15	45	104.0	100.0	92.5	2300	92.5	104.5	102.0	93.0	102.0	2	9	I-9
BRITISH AEROSPACE HS 125-600	25.6	2	VIPER 601	3.35	45	104.0	101.5	97.0	2250	93.5	102.5	102.0	93.0	102.0	2	9	I-8
BRITISH AEROSPACE HS 125-600A	25.5	2	TFE 731-2	3.78	45	89.2	87.5	88.0	2150	84.5	96.5	102.0	93.0	102.0	2		I-7
BRITISH AEROSPACE HS 125-600A	25.5	2	VIPER 601	3.65	45	99.2	97.0	92.3	2250	88.5	102.5	102.0	93.0	102.0	2		I-7
BRITISH AEROSPACE HS 125-600B	25.6	2	VIPER 601	3.46	45	99.0	97.0	92.5	2250	88.5	102.5	102.0	93.0	102.0	2	9	I-9
BRITISH AEROSPACE HS 125-600F	25.6	2	TFE 731-2	3.65	45	89.0	87.5	88.0	2150	84.5	96.0	102.0	93.0	102.0	2	9	I-9
BRITISH AEROSPACE HS 125-700A	25.5	2	TFE 731-2	3.78	45	89.2	87.5	88.0	2150	84.5	96.5	102.0	93.0	102.0	2		I-7

AC 36-1C
Appendix 1

AIRCRAFT NOISE DATA SHEET
 FOR TURBOJET POWERED AIRCRAFT
AC 36-1C
Appendix 1

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	E N G I N E		FLAPS (CEG) T/O		NOISE LEVELS-EPNOB			FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.	
		NUMBER ---	MODEL CODE	THRUST (LBS/ 1000)	BPR	S/L	FULL APPR.	ENGINE C/R	APPR. 2000M	S/L	T/O				APP
BRITISH AEROSPACE HS 125-700A	25.5	2	3.79	45	92.1	51.6			96.0	102.0	93.0	102.0	2		I-7
			TFE 721-3R												
BRITISH AEROSPACE HS 125-700E	24.3	2	3.65	45	89.0	51.0	87.5		96.0	102.0	93.0	102.0	2	9	I-8
			TFE 721-3		2.60	2100	83.5								
BRITISH AEROSPACE HS 125-700B	25.6	2	3.65	45	89.0	51.0	88.0		96.0	102.0	93.0	102.0	2	9	I-8
			TFE 721-3		2.60	2150	84.5								
BRITISH AEROSPACE SUPER VC10	334.9	4	22.50	45					111.5	106.3	103.8	106.3	2	9	I-9
			CONWAY RC 043		3.30	111.0	109.5								
BRITISH AEROSPACE 14E-100	73.9	4	6.07	32	89.0		83.0		95.5	97.0	93.0	101.0	20	9	I-9
			ALF 502H		6.10	2150	83.0								
BRITISH AEROSPACE 14E-100	73.9	4	6.07	45	88.5		83.0		95.5	97.0	93.0	101.0	20	9	I-6, I-9
			ALF 502H		6.10	2200	83.0								
BRITISH AEROSPACE 14E-200	87.5	4	6.07	33	89.0		87.5		95.5	97.5	94.1	101.4	20	9	I-9
			ALF 502H		6.10	1500	87.5								
BRITISH AEROSPACE 14E-200	87.5	4	6.07	45	88.5		88.0		95.5	97.5	94.1	101.4	20	9	I-6
			ALF 502H		6.10	1400	88.0								
BRITISH AEROSPACE 14E-200	85.5	4	6.07	35	86.6	86.5			95.6	94.5	93.0	98.5	3		CR
			ALF 502R-3		6.10		85.9								

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	ENGINE		FLAPS (100%) NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB				S Y A G E	NOTES	REF.				
	MTOW (LBS/1000)	NUMBER MODEL CODE	THRUST (LBS/1000)	RUST RPR	S/L AFF	FLL CUT C/B	ENGINE 2000M	APPR. 2000M	S/L	T/O				APP			
BRITISH AEROSPACE 1-11 200	75.8	2	10.40	3	99.1		93.3										
	71.0	SPEY 506	1.00	45	1570			57.8	102.2	93.4	102.2	2	9,12	I-6			
BRITISH AEROSPACE 1-11 200	75.8	2	10.40	8	103.0												
	71.0	SPEY 506	1.00	45	97.7	2030	91.4	98.5	102.2	93.4	102.2	2	9	I-9			
BRITISH AEROSPACE 1-11 200S	78.9	2	10.40	8	104.0		97.0										
	71.0	SPEY 506	1.00	45	2120			95.5	102.1	93.4	102.1	2	9	I-9			
BRITISH AEROSPACE 1-11 200S	80.0	2	10.40	3	104.0		96.5										
	71.0	SPEY 506	1.00	45				95.5	102.2	93.5	102.2	2	9	I-9			
BRITISH AEROSPACE 1-11 400	88.4	2	11.40	8	106.0												
	78.5	SPEY 511	.70	45	99.9	1525	93.8	99.8	102.5	94.2	102.5	2	9,12	I-8, I-9			
BRITISH AEROSPACE 1-11 400S	88.4	2	11.40	3	106.8	109.6	100.5										
	78.1	SPEY 511	.70	45	1530			103.0	102.5	94.2	102.5	2	9	I-9			
BRITISH AEROSPACE 1-11 400S	89.4	2	11.40	8													
	78.1	SPEY 511	.70	45	105.0		96.0	103.0	102.5	94.2	102.5	2	9	I-8			
BRITISH AEROSPACE 1-11 400S	85.4	2	12.54		103.3		95.7										
	75.8	SPEY 511	.70	45	1525			95.5	102.5	94.3	102.5	2	9,12	I-9			
BRITISH AEROSPACE 1-11 475	91.5	2	12.55	6	106.5												
	84.0	SPEY 512	.70	45	102.2	2230	93.0	100.3	102.6	94.5	102.6	2	9,12	I-8, I-9			

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	ENGINE NUMBER MODEL CODE	THRUST (LBS/ 1000)	T/C	NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.
					FLAPS (LEF)	S/L	FULL ENGINE	APPR. CLT C/R	2000M	APP	T/O			
BRITISH AEROSPACE 1-11 47ES	91.9	2	12.54	6	109.0	101.0	103.5	102.6	94.5	102.6	2	9	I-8	
	84.0	SPEY E127-14DW	.70	45	106.0	2250	96.0							
BRITISH AEROSPACE 1-11 50C	99.7	2	12.54	6	108.0	106.0	100.0	102.8	95.0	102.8	2	9,12	I-8,I-9	
	87.1	SPEY E127-14DW	.70	45	101.6	1870	95.3							
BRITISH AEROSPACE 1-11 50C	104.5	2	12.54	6	109.0	105.5	100.0	102.9	95.4	102.9	2	9,12	I-8,I-9	
	87.1	SPEY E127-14DW	.70	45	101.0	1640	97.0							
BRITISH AEROSPACE 1-11 50CS	99.7	2	12.54	6	109.0	103.0	103.5	102.8	95.0	102.8	2	9	I-8,I-9	
	87.1	SPEY E127-14DW	.70	45	106.0	1500	98.0							
BRITISH AEROSPACE 1-11 50CS	104.5	2	12.54	6	109.0	105.5	103.5	102.9	95.4	102.9	2	9	I-8,I-9	
	87.1	SPEY E127-14DW	.70	45	105.5	1660	99.5							
BRITISH AEROSPACE 1-11 51C	92.6	2	12.00	8	108.0	101.0	103.5	102.6	94.5	102.6	2	9	I-8,I-9	
	86.0	SPEY E127-14E	.70	45	105.5	2130	96.0							
CANADAIR CL-600	36.0	2	0.00	20	81.6	81.6	81.2	94.0	85.0	98.0	3		CR	
	33.0	CF34-1A		45	85.3									
CANADAIR CL-601 CHALLENGER	42.1	2	0.00	20	75.4	75.4	85.4	94.0	85.0	98.0	3		CR	
	36.0	CF34-1A		45	84.9									
CESSNA 500 CITATION I	10.3	2	76.40	15	86.1	79.0	87.7	102.0	93.0	102.0	2		CE	
	5.9	T150-1	2.30	40										

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	E N G I N E		FLAPS (CEE) NOISE LEVELS-EPNOB		FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.			
		PLM	NUMBER	THRUST (LBS/ 1000)	T/C	S/L	FULL	ENGINE				APPR.	2000'	
	(LBS/ 1000)	MODEL CODE	---	BPR	---	50 M	---	4 PCT	S/L	T/C	APP			
						SALT. FT	CLIMB							
CESSNA 500 CITATION I	10.8	2	2.20	15	86.1	77.7								
	---	---	---	---	---	---								
	10.4	JT150-1	3.30	40					87.7	102.0	93.0	102.0	2	A-1
CESSNA 500 CITATION I	11.5	2	2.20	15	86.1	77.6								
	---	---	---	---	---	---								
	11.0	JT150-1	3.30	40					87.5	102.0	93.0	102.0	2	CE
CESSNA 500/501 CITATION I	11.8	2	2.20	15	86.1	76.4								
	---	---	---	---	---	---								
	11.3	JT150-1/-1A	3.30	40	82.2				87.7	102.0	92.0	102.0	2	CE
CESSNA 550 CITATION II	13.3	2	2.50	15	86.7	80.1								
	---	---	---	---	---	---								
	12.7	JT150-4	3.30	40		3550			50.5	102.0	53.0	102.0	2	CE
CESSNA 551 CITATION II	112.5	2	2.50	15	86.7	80.1								
	---	---	---	---	---	---								
	12.0	JT150-4	3.30	40		3550			90.5	103.0	95.9	103.2	2	CE
CESSNA 650 CITATION III	20.0	2	3.65	20	92.5	83.6								
	---	---	---	---	---	---								
	17.0	TPE731-3-1035	2.80	20					92.4	94.0	89.0	98.0	3	CE
DASSAULT BREQUET FALCCN 10	19.3	2	3.23	15	86.4	82.5	79.6							
	---	---	---	---	---	---								
	17.2	TPE 731-2	2.80	52	81.4	3200	73.8		95.3	102.0	93.0	102.0	2	I-8
DASSAULT BREQUET FALCCN 10	18.7	2	3.24	15	86.4	83.4	80.6							
	---	---	---	---	---	---								
	17.6	TPE 731-2	2.80	52	81.4	3050	74.8		95.2	102.0	93.0	102.0	2	9 I-8
DASSAULT BREQUET FALCCN 10	18.7	2	3.20	15	86.4		79.6							
	---	---	---	---	---	---								
		TPE 731-2	2.80	52					95.3	102.0	93.0	102.0	2	A-1

Appendix 1
AC 36-1C

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

Page 26

AIRCRAFT MANUFACTURER AND TYPE	MTOM ---	E N G I N E		FLAPS: (LFC) NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB				S T A G E	NOTES	REF.	
		NUMBER	MODEL CODE	THRUST (LBS/ 1000)	T/C	S/L	FLL	ENGINE APPR. CLY C/R:2000M	S/L	T/O	APP				
	PLW					450 M 650 M	TAKEOFF ALT. FT								
DASSAULT BREQUET FALCON 20	28.7	2	CF700-2C-2	4.22	10	52.0	50.8	99.0	103.0	102.0	93.0	102.0	2	9*	I-8
	27.3			2.80	40	90.0	2600	90.0							
DASSAULT BREQUET FALCON 20G	20.4	2	ATF3-6-2C	5.06	10	89.7		83.7	95.8	102.0	93.0	102.0	2	9*	I-9
	12.9			2.90	40										
DASSAULT BREQUET FALCON 20G	32.0	2	ATF3-6-2C	5.06	10	89.6		95.0	95.8	102.0	93.0	102.0	2	9*	I-9
	27.6			2.90	40										
DASSAULT BREQUET FALCON 20G MYSTERE	32.0	2	ATF3-6-4C	5.06	5			83.9	93.5	97.0	92.0	101.0	20		EU
	27.6			2.90	40	89.0	2260								
DASSAULT BREQUET FALCON 50	38.8	3	TFE 721-2	3.70	20	91.6	52.4	84.3	97.4	102.0	93.0	102.0	2	*	CR
	35.7			2.80	4F										
DASSAULT BREQUET MERCURE 10CA	120.2	2	JTFD-15	15.51	5	102.6		97.9	103.7	103.4	96.4	103.4	2	9	I-8
	110.9			.95	25	100.0		93.0							
DASSAULT-BREQUET MERCURE 10CP	124.6	2	JTFD-15	15.50	5				103.1	103.5	96.7	103.5	2	9	I-9
	114.7			.95	25	99.9		94.1							
GATES LEAFLET 23	12.5	2	CJ610-17-4	1.34	10	103.4		88.0	98.0	102.0	93.0	102.0	2		A-1
	11.9														
GATES LEAFLET 24	13.0	2	CJ610-17-4	1.35	10	103.4		89.0	98.0	102.0	93.0	102.0	2		A-1
	11.9														

AC 36-1C
Appendix 1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW (LBS/1000)	ENGINE NUMBER MODEL CODE	THRUST (LBS/1000)	FLAPS (DEC)	NOISE LEVELS-EPNOB T/O	S/L	FULL 450 M THRUST	ENGINE CUT C/B	APPR 2000M	FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.	
										S/L	T/O	APP				
GATES LEARJET 24D	13.5 11.9	2 CJ610-E	2.95 40	20	99.3					101.7	102.0	93.0	102.0	2	14	GA-1
GATES LEARJET 24D	13.5 11.9	2 2CJ610-E	1.67 40	20	104.0					96.7	102.0	93.0	102.0	2		CE,GA-1
GATES LEARJET 24E	12.9 11.9	2 2CJ610-E	2.95 40	8	103.9					95.3	102.0	93.0	102.0	2		A-1,GA-1
GATES LEARJET 24F	13.5 11.9	2 2CJ610-E	2.95 40	8	103.7					95.3	102.0	93.0	102.0	2		A-1,GA-1
GATES LEARJET 24F-A	12.5 11.9	2 2CJ610-E	2.95 40	8	103.9					95.3	102.0	93.0	102.0	2		GA-1
GATES LEARJET 24/24D	13.5 11.9	2 2CJ610-E	2.95 40	20	99.3					100.7	102.0	93.0	102.0	2	13	A-1,GA-1
GATES LEARJET 25	15.0 13.3	2 CJ610-E	1.91		95.3					100.8	102.0	93.0	102.0	2		A-1
GATES LEARJET 25C	15.0 13.3	2 2CJ610-E	2.95 40	20	99.3					100.8	102.0	93.0	102.0	2	13	A-1,GA-1
GATES LEARJET 25D	15.0 13.3	2 CJ610-E/EA	0.00 2.95	8 40	103.7					95.2	102.0	93.0	102.0	2		GA-1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER A/C TYPE	MTOW PLW (LBS/ 1000)	ENGINE NUMBER MODEL CODE	THRUST (LBS/ 1000)	EPR	FLAPS (α)	NOISE LEVELS-EPNDH				FAR PART 36 LIMITS IN EPNDH				S T A G F	NOTES	REF.
						1/C	S/L	FULL	ENGINE/APPR.	102.0	102.0	102.0	102.0			
GATES LEAFLET 25C	15.0 13.3	2 2CJ610-E	2.55 40	20	59.3	94.0	102.7	102.0	93.0	102.0	2	14	A-1,GA-1			
GATES LEAFLET 25F	15.0 13.3	2 2CJ610-E/8A	2.55 40	8	103.7	90.1	95.2	102.0	93.0	102.0	2		A-1,GA-1			
GATES LEAFLET 28/29	15.0 14.3	2 CJ610-FA	2.55 40	8	99.7	87.0	101.7	102.0	93.0	102.0	2		GA-1			
GATES LEAFLET 35A	18.0 14.3	2 TFE 731-2-2R	3.50 40	20	87.4	83.6	91.7	102.0	93.0	102.0	2		GA-1			
GATES LEAFLET 35A/36A	18.0 14.3	2 TFE 731-2-2R	3.50 40	8	87.4	83.6	91.3	102.0	93.0	102.0	2		A-1,GA-1			
GATES LEAFLET 35A/36A	18.3 15.3	2 TFE 731-2-2R	3.50 40	8	86.7	83.5	91.4	102.0	91.0	102.0	2		GA-1			
GATES LEAFLET 35/36	17.0 14.3	2 TFE 731-2-2R	3.50 40	8	86.7	83.4	92.2	94.0	85.0	98.0	3		A-1,GA-1			
GATES LEAFLET 35/36	17.0 14.3	2 TFE 731-2-2R	3.50 2.00	20	86.9	84.0	92.2	94.0	85.0	98.0	3		CE,GA-1			
GATES LEAFLET 35/36	18.0 14.3	2 TFE 731-2-2P	3.50 40	20	87.9	84.5	92.2	94.0	85.0	98.0	3		GA-1			

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	E N G I N E		:FLAPS: (CEG):		NOISE LEVELS-EPNDB				S T A G E E	NOTES	REF.			
		MLW	NUMBER	(LBS/ 1000)	APR	S/L	FULL	ENGINE	APPR.				FAR PART 36 LIMITS IN EPNDB		
	(LPS/ 1000)	MODEL CODE			450 M	THRUST	CUT C/B	2000M							
				BPR			4 PCT		S/L	1/0	APP				
						ALT. FT	CLIPB								
GATES LEARJET 36A	18.3	2	3.50	20	87.8	83.5			91.4	94.0	85.0	98.0	3	GA-1	
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	15.3	TFE731-2-2E		40											
GATES LEARJET 55	19.5	2	3.70	8	90.9	84.2			90.6	94.0	89.0	98.0	3	CE,GA-1	
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	17.0	TFE731-3A-2R		40		325E									
GATES LEARJET 55	20.5	2	3.70	8	90.8	85.2			90.6	94.0	85.0	98.0	3	CE,GA-1	
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	17.0	TFE731-3A-2R		40		254E									
GATES LEARJET 55	21.0	2	3.70	8	90.7	85.5			90.6	94.0	85.0	98.0	3	CE,GA-1	
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	17.0	TFE 731-3A-2B		40											
GULFSTREAM AMER. G-II GULFSTREAM	62.0	2	11.40	20	102.7		90.0		98.2	102.0	93.0	102.0	2	12	A-1 SC
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	58.5	SPEY 511-B		35		3000									
GULFSTREAM AMER. G-II GULFSTREAM	62.0	2	11.40	20	107.5		94.7		99.5	102.0	93.0	102.0	2	12	SO
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		TFE731-3-1E													
GULFSTREAM AMER. G-II GULFSTREAM	65.5	2	11.40	10	103.0		92.5		98.3	102.0	93.0	102.0	2	12	SO
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	58.5	SPEY 511-B		35		2850									
GULFSTREAM AMER. G-II GULFSTREAM	65.5	2	11.40	20	103.0		92.5		98.4	102.0	93.0	102.0	2	12	SO
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		TFE731-3-1E													
GULFSTREAM AMER. G-IIIB/G-III	66.2	2	11.40	10	102.5		91.3		98.3	102.0	93.0	102.0	2	12	SO
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	58.5	SPEY 511-B		35											

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	E N G I N E		FLAPS:		NOISE LEVELS-EPADR				FAR PART 36			S T A G E	NOTES	REF.	
	MTOM	NUMBER	THRUST (LBS/ 1000)	T/C	S/L	FULL	ENGINE	APPR.	LIMITS IN EPNDB						
	PLW	MODEL CODE	BPR	APP	450 MFT	TRUST	OLT C/P	2000M	650 M	4 PCT	S/L	T/O	APP		
	(LBS/ 1000)				ALL FT	CLIMB									
GULFSTREAM AMER. G-III	65.7	2	11.40	10	103.4				91.1						
	58.5	SPEY 511-B		25				2552			57.3	102.0	93.0	102.0	2 12 SO
ISRAEL AIRCRAFT 1124 WESTWIND	22.9	2	3.70	20					81.2						
		TFE731-3-16									102.0	93.0	102.0	2	A-1
ISRAEL AIRCRAFT 1124 WESTWIND	22.9	2	3.70	12	80.3				84.2						
		TFE731-3-16		20							88.4	102.0	93.0	102.0	2 A-1
LOCKHEED L-1011	430.0	3	41.00	14	95.1	95.5									
	358.0	RB.211-22B		33							102.0	107.0	105.6	107.0	2 5* A-1
LOCKHEED L-1011	430.0	3	41.00	14	95.1	95.5									
	358.0	RB.211-22B		42							102.0	107.0	105.6	107.0	2 5 A-1
LOCKHEED L-1011-1	430.0	3	42.00	10	95.0	96.0									
	358.0	RB.211-22H		42							102.0	107.0	105.6	107.0	2 5 L-1
LOCKHEED L-1011-100	466.0	3	42.00	10	94.9	96.5									
	368.0	RB.211-22B		42							102.5	107.3	106.2	107.3	2 5 L-1
LOCKHEED L-1011-200	466.0	3	50.00	10	97.9	98.1									
	368.0	RB.211-524F		33							101.4	107.3	106.2	107.3	2 5 L-1
LOCKHEED L-1011-500	466.0	3	50.00	14	97.0	98.4									
	368.0	RB.211-524F		33							101.5	107.4	106.6	107.4	2 5 L-1

AC 36-1C
Appendix 1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	E N G I N E		FLAPS:		NOISE LEVELS-EPADB				FAR PART 36 LIMITS IN EPADB			S T A G E	NOTES	REF.	
		NUMBER	MODEL CODE	THRUST (LBS/ 1000)	BPR	1/C	S/L	FLL	ENGINE:APPR.	OUT C/R:2000	S/L	1/0				APP
LOCKHEED L-1011-500	456.0	2	RB.211-524F	50.00	22	98.0	56.4							2	5	L-1
LOCKHEED L-1011-500	456.0	3	RB.211-524F	50.00	22	97.9	56.1							2	5	L-1
LOCKHEED L-1011-500	496.0	3	RB.211-524E3	50.00	14	96.7	57.4							2	5	L-1
LOCKHEED L-1011-500	504.0	3	RB.211-524E3	50.00	22	96.9	56.0							2	5	L-1
LOCKHEED 1329-23	43.8	4	TFE731-3-1E	3.70	20		52.7							2		A-1, S0
LOCKHEED 1329-25 JETSTAR II	44.5	4	TFE731-3	3.70			53.1							2		S0
MCCONNELL DOUGLAS DC-08-71	326.0	4	CFM56-2-C1	22.00	15	92.9	54.3							3		D-1
MCCONNELL DOUGLAS DC-08-71	326.0	4	CFM56-2-C1	22.00	15	92.9	54.5							3		D-1
MCCONNELL DOUGLAS DC-08-72	326.0	4	CFM56-2-C1	22.00	12	92.9	54.4							3		D-1

AC 36-1C
Appendix 1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

Page 32

AIRCRAFT MANUFACTURER AND TYPE	MTOW MLW (LBS/ 1000)	E N G I N E		FLAPS (DEG) NOISE LEVELS-EPNDB				FAR PART 36 LIMITS IN EPNDB			S T A G E	NOTES	REF.	
		NUMBER MODEL CODE	THRUST (LBS/ 1000) BPR	1/0	S/L	FULL THRUST 4 PCT CLT C/P CLIMB	ENGINE APPR 2000P	S/L	T/O	APP				
MCCONNELL DOUGLAS DC-08-72	350.0 ---	4 ---	22.00 ---	12	92.8	55.2	---	99.2	99.6	100.9	103.1	3		D-1
	250.0	CFM56-2-C1	6.00	50	---	1217	---							
MCCONNELL DOUGLAS DC-08-73	355.0 ---	4 ---	22.00 ---	12	92.8	55.7	---	98.3	99.6	101.0	103.1	3		D-1
	258.0	CFM56-2-C1	6.00	50	---	1151	---							
MCCONNELL DOUGLAS DC-08-73	355.0 ---	4 ---	22.00 ---	12	92.8	55.7	---	98.5	99.6	101.0	103.1	3		D-1
	275.0	CFM56-2-C1	6.00	50	---	1151	---							
MCCONNELL DOUGLAS DC-09-10	50.7 ---	2 ---	14.00 ---	---	101.4	---	91.4	100.4	102.5	94.4	102.5	2	1	D-1
	41.7	JT8D-7A	1.10	50	---	2271	---							
MCCONNELL DOUGLAS DC-09-30	94.0 ---	2 ---	14.00 ---	---	97.8	---	91.7	102.6	94.6	102.6	2	1		D-1
	---	JT8D-7A	1.10	---	---	1653	---							
MCCONNELL DOUGLAS DC-09-30	58.0 ---	2 ---	15.50 ---	---	101.1	---	91.2	98.4	102.8	94.9	102.8	2	1	D-1
	53.4	JT8D-15	1.03	50	---	2586	---							
MCCONNELL DOUGLAS DC-09-30	103.0 ---	2 ---	16.00 ---	---	103.5	---	92.7	101.1	102.9	95.3	102.9	2	1	D-1
	58.1	JT8D-17	1.02	50	---	2521	---							
MCCONNELL DOUGLAS DC-09-30	103.0 ---	2 ---	14.50 ---	---	99.0	---	94.3	95.0	102.9	95.3	102.9	2	1	D-1
	55.0	JT8D-5	1.04	50	---	1800	---							
MCCONNELL DOUGLAS DC-09-30	128.0 ---	2 ---	15.50 ---	---	100.7	---	94.2	98.8	103.0	95.6	103.0	2	1	D-1
	55.0	JT8D-15	1.02	50	---	2187	---							

AC 36-1C
Appendix 1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	E N G I N E NUMBER MODEL CODE	FLAPS (IEC)		NOISE LEVELS-EPNOB			FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.				
			T/C	APR	S/L	FLL	ENGINE	APPR.	S/L	T/O				APP			
	PLW		(LBS/ 1000)	APR	450 M (LBS/ 1000)	T/RUST ---	CLT C/B ---	2000M ---	4 PCT ---								
MCCONNELL DCLGLAS DC-09-30	108.0	2 JT8D-17	16.00	90	103.7	---	---	---	---	94.3	101.1	103.0	95.6	103.0	2	1	0-1
MCCONNELL DCLGLAS DC-09-30	108.0	2 JT8D-7A	14.00	90	97.3	---	---	---	---	95.1	97.3	103.0	95.6	103.0	2	1	0-1
MCCONNELL DCLGLAS DC-09-30	109.0	2 JT8D-7A	14.00	90	97.3	---	---	---	---	95.1	97.0	103.0	95.6	103.0	2	1	0-1
MCCONNELL DCLGLAS DC-09-30	109.0	2 JT8D-5	14.50	90	98.8	---	---	---	---	95.5	99.0	103.0	95.6	103.0	2	1	0-1
MCCONNELL DCLGLAS DC-09-30	110.0	2 JT8D-15	15.50	90	100.6	---	---	---	---	94.7	99.0	103.1	95.8	103.1	2	1	0-1
MCCONNELL DCLGLAS DC-09-30	110.0	2 JT8D-15	15.50	90	100.6	---	---	---	---	94.7	98.8	103.1	95.8	103.1	2	1	0-1
MCCONNELL DCLGLAS DC-09-30	110.0	2 JT8D-7	14.00	90	97.1	---	---	---	---	95.9	97.3	103.1	95.8	103.1	2	1	0-1
MCCONNELL DCLGLAS DC-09-30	110.0	2 JT8D-5	14.50	90	98.8	---	---	---	---	96.1	99.1	103.1	95.8	103.1	2	1	0-1
MCCONNELL DCLGLAS DC-09-30	114.0	2 JT8D-15	15.50	90	100.5	---	---	---	---	95.8	99.0	103.2	96.0	103.2	2	1	0-1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

Page 34

AIRCRAFT MANUFACTURER A/C TYPE	MTOW PLW (LBS/1000) :1000)	E N G I N E NUMBER MODEL CODE BPR	:FLAPS: (EGG) 1/C	NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB			S T A G E E	NOTES	REF.
				THRUST (LBS/1000)	S/L 450 M :50 M	FULL THRUST TAKEOFF 4 PCT ALT. FT	ENGINE APPR. CUT C/B 2000M						
MCCONNELL DCLGLAS DC-09-34	:110.0 :110.0	2 JT8D-15	:15.50 :1.03	:102.5 :2062	:94.7	:103.1	95.8:103.1	2	:1	:0-1			
MCCONNELL DCLGLAS DC-09-34	:110.0 :110.0	2 JT8C-17	:16.00 :1.02	:103.3 :2184	:94.9	:103.1	95.8:103.1	2	:1	:0-1			
MCCONNELL DCLGLAS DC-09-34	:115.0 :110.0	2 JT8C-15	:15.50 :1.03	:102.4 :1518	:96.1	:101.4	103.2:96.1:103.2	2	:1	:0-1			
MCCONNELL DCLGLAS DC-09-34	:115.0 :110.0	2 JT8C-17	:16.00 :1.02	:103.2 :2043	:96.3	:101.9	103.2:96.1:103.2	2	:1	:0-1			
MCCONNELL DCLGLAS DC-09-34	:121.0 :110.0	2 JT8D-15	:15.50 :1.03	:102.1 :1733	:97.8	:101.4	103.4:96.4:103.4	2	:1	:0-1			
MCCONNELL DCLGLAS DC-09-34	:121.0 :110.0	2 JT8D-17	:16.00 :1.02	:103.0 :1856	:98.0	:101.5	103.4:96.4:103.4	2	:1	:0-1			
MCCONNELL DCLGLAS DC-09-40	:107.0 :107.0	2 JT8E-11	:15.00 :1.04	:99.8 :1721	:95.2	:103.0	95.6:103.0	2	:1	:0-1			
MCCONNELL DCLGLAS DC-09-40	:114.0 :102.0	2 T8D-11	:15.00 :1.04	:99.5 :1577	:96.8	99.4:103.2	96.0:103.2	2	:1	:0-1			
MCCONNELL DCLGLAS DC-09-40	:114.0 :102.0	2 JT8C-15	:15.50 :1.03	:100.5 :1517	:95.8	99.4:103.2	96.0:103.2	2	:1	:0-1			

AC 36-1C
Appendix 1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	MTOW (LBS/ 1000)	E N G I N E		FLAPS (C/F): NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.		
		NUMPER MODEL CODE	THRUST (LBS/ 1000) BPR	T/C	S/L	FULL 450 MPH 650 MPH ALT. FT	ENGINE CLT C/R 4 PCT	AFFR. 2000P	S/L	T/O				APP	
MCCONNELL DC-09-EC	105.0	2 JT8C-15	15.5 1.03		100.8 2326		93.3		103.0	95.4	103.0	2	1	D-1	
MCCONNELL DC-09-EC	110.0	2 JT8C-15	15.5 1.03		102.5 2083		94.7		103.1	95.8	103.1	2	1	D-1	
MCCONNELL DC-09-EC	110.0	2 JT8C-17	16.0 1.02		103.5 2266		95.0		103.1	95.8	103.1	2	1	D-1	
MCCONNELL DC-09-EC	115.0 110.0	2 JT8C-15	15.5 1.03		102.4 1539		96.1		101.5	103.2	96.1	103.2	2	1	D-1
MCCONNELL DC-09-EC	115.0 104.0	2 JT8C-17	16.0 1.02		103.4 2066		96.4		101.6	103.2	96.1	103.2	2	1	D-1
MCCONNELL DC-09-EC	115.0 110.0	2 JT8C-17	16.0 1.02		103.4 2066		96.4		101.9	103.2	96.1	103.2	2	1	D-1
MCCONNELL DC-09-EC	121.0 110.0	2 JT8C-15	15.5 1.03		102.2 1752		97.8		101.5	103.4	96.4	103.4	2	1	D-1
MCCONNELL DC-09-EC	121.0 110.0	2 JT8D-17	16.0 1.02		103.2 1677	104.5	98.1		101.5	103.4	96.4	103.4	2	1	D-1
MCCONNELL DC-09-EC	140.0 125.0	2 JT8C-205	18.5 1.23		94.2 1606		98.1		95.1	96.2	90.6	100.0	3	10	D-1

6/6/83

AC 36-1C
Appendix 1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

Page 36

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	ENGINE NUMBER	THRUST (LBS/ 1000)	FLAPS (DEG) T/O	NOISE LEVELS-EPNOB			FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.	
					S/L	FLL	ENGINE APPR	S/L	T/O	APP				
	PLW	MODEL CODE	GPR	450 FT 1000	THRUST EFF	CLT C/B 2000	4 PCT CLIMB							
MCCONNELL DCLGLAS DC-09-80	140.0	2	19.25		95.0		89.6							
	128.0	JT8D-209	1.81	40		1725		93.1	96.2	90.6	100.0	3	11	0-1
MCCONNELL DCLGLAS DC-09-80	140.0	2	18.50		94.2		90.1							
	130.0	JT8D-209	1.83	40		1606		93.2	96.2	90.6	100.0	3	10	0-1
MCCONNELL DCLGLAS DC-09-80	140.0	2	19.25		95.0		89.6							
	130.0	JT8D-209	1.81	40		1725		93.2	96.2	90.6	100.0	3	11	0-1
MCCONNELL DCLGLAS DC-09-80	140.0	2	20.00		95.6		89.2							
	126.0	JT8D-217	1.77	40		1821		93.1	96.2	90.6	100.0	3	10	0-1
MCCONNELL DCLGLAS DC-09-80	140.0	2	20.85		96.6		88.6							
	128.0	JT8D-217	1.74	40		1546		93.1	96.2	90.6	100.0	3	11	0-1
MCCONNELL DCLGLAS DC-09-80	140.0	2	20.00		95.6		89.2							
	130.0	JT8D-217	1.77	40		1821		93.2	96.2	90.6	100.0	3	10	0-1
MCCONNELL DCLGLAS DC-09-80	140.0	2	20.85		96.6		88.6							
	130.0	JT8D-217	1.74	40		1546		93.2	96.2	90.6	100.0	3	11	0-1
MCCONNELL DCLGLAS DC-09-80	142.0	2	18.50		94.2		90.6							
	130.0	JT8D-209	1.83	40		1534		93.2	96.2	90.7	100.1	3	10	0-1
MCCONNELL DCLGLAS DC-09-80	142.0	2	19.25		94.9		90.0							
	130.0	JT8D-209	1.81	40		1651		93.2	96.2	90.7	100.1	3	11	0-1

AC 36-1C
Appendix 1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	E N G I N E		FLAPS (CEE)		NOISE LEVELS-EPNOB				S T A G F	NOTES	REF.				
		MLW ---	NUMBER ---	THRUST (LBS/ 1000)	T/C AFP	S/L 450	FULL THRUST	ENGINE CLT C/B	APPR. 2000F				FAR PART 36 LIMITS IN EPNOB			
	(LBS/ 1000)	MODEL CODE	BPR		650 MZ ---	4 PCT ---	S/L ---	T/O ---	APP ---							
MCCONNELL DCLGLAS DC-05-80	147.0	2	18.50	94.0	91.8											
	128.0	JT8D-209	1.82	40	1257					93.1	96.4	90.9	100.2	3	10	0-1
MCCONNELL DCLGLAS DC-09-80	147.0	2	19.25	94.8	91.1											
	128.0	JT8D-209	1.81	40	1506					93.1	96.4	90.9	100.2	3	11	0-1
MCCONNELL DCLGLAS DC-05-80	147.0	2	18.50	94.0	91.8											
	130.0	JT8D-209	1.82	40	1257					93.2	96.4	90.9	100.2	3	10	0-1
MCCONNELL DCLGLAS DC-09-80	147.0	2	19.25	94.8	91.1											
	130.0	JT8C-209	1.81	40	1506					93.2	96.4	90.9	100.2	3	11	0-1
MCCONNELL DCLGLAS DC-09-80	147.0	2	20.00	95.4	90.6											
	130.0	JT8D-217	1.77	40	1600					93.2	96.4	90.9	100.2	3	10	0-1
MCCONNELL DCLGLAS DC-05-80	147.0	2	20.00	95.4	90.6											
	128.0	JT8D-217	1.77	40	1600					93.1	96.4	90.9	100.2	3	10	0-1
MCCONNELL DCLGLAS DC-09-80	147.0	2	20.85	96.4	90.0											
	128.0	JT8C-217	1.74	40	1724					93.1	96.4	90.9	100.2	3	11	0-1
MCCONNELL DCLGLAS DC-09-80	147.0	2	20.85	96.4	90.0											
	130.0	JT8C-217	1.74	40	1724					93.2	96.4	90.9	100.2	3	11	0-1
MCCONNELL DCLGLAS DC-05-80	149.5	2	18.50	94.0	92.2											
	130.0	JT8C-209	1.82	40	1300					93.2	96.4	91.0	100.2	3	10	0-1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	MTOW PLW (LBS/ 1000)	E N G I N E NUMBER MODEL CODE	:FLAPS: (CEG) NOISE LEVELS-EPNDB		FAR PART 36 LIMITS IN EPNDB			S T A G E	NOTES	REF.	
			T/RUST (LBS/ 1000) RPR	T/C S/L : FULL : ENGINE:APPR: 450 M:T/RUST :CLT C/R:2000M :STANECFF: --- :650 M: --- : 4 PCT : :S/L : T/O : APP :							
MCCONNELL DCLGLAS DC-09-80	145.5 --- 130.0	2 --- JT8C-209	19.25 --- 1.81	94.7 --- 4C : 1415	91.6 --- ---	93.2	96.4	91.0:100.2	3	11	D-1
MCCONNELL DCLGLAS DC-09-80	145.5 --- 130.0	2 --- JT8D-217	20.00 --- 1.77	95.4 --- 4C : 1445	91.0 --- ---	93.2	96.4	91.0:100.2	3	11	D-1
MCCONNELL DCLGLAS DC-09-8C	145.5 --- 130.0	2 --- JT8D-217	20.85 --- 1.74	96.3 --- 4C : 1484	90.4 --- ---	93.2	96.4	91.0:100.2	3	11	D-1
MCCONNELL DCLGLAS DC-10-10	410.0 --- 347.8	3 --- CF6-6C	35.30 --- 5.70	14 : 57.0 : 57.4 --- : 1478	57.4 --- ---	100.5	100.2	95.8:103.6	3	*	C-1
MCCONNELL DCLGLAS DC-10-10	410.0 --- 347.8	3 --- CF6-6C	39.30 --- 5.70	14 : 97.0 : 57.4 --- : 1478	57.4 --- ---	104.5	100.2	99.8:103.6	3		D-1
MCCONNELL DCLGLAS DC-10-1C	410.0 --- 347.8	3 --- CF6-6K	39.30 --- 5.90	14 : 95.9 : 57.0 --- : 1478	57.0 --- ---	95.2	100.2	95.8:103.6	3	*	D-1
MCCONNELL DCLGLAS DC-10-10	410.0 --- 347.8	3 --- CF6-6K	35.20 --- 5.90	14 : 95.9 : 57.0 --- : 1478	57.0 --- ---	103.3	100.2	95.8:103.6	3		D-1
MCCONNELL DCLGLAS DC-10-1C	430.0 --- 363.5	3 --- CF6-6C	39.20 --- 5.70	8 : 96.6 : 58.7 --- : 1417	58.7 --- ---	101.0	100.3	100.1:103.8	3	*	D-1
MCCONNELL DCLGLAS DC-10-10	430.0 --- 363.5	3 --- CF6-6C	39.20 --- 5.70	8 : 96.6 : 58.7 --- : 1417	58.7 --- ---	105.5	100.3	100.1:103.8	3		D-1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	PTOW (LBS/ 1000)	E N G I N E		:FLAPS: (CEE):		NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.	
		NUMBER	MODEL CODE	THRUST (LBS/ 1000)	T/D APP	S/L	FLL	ENGINE OUT C/B	APPR.	2000M	S/L	T/D				APP
MCDONNELL DC1GLAS DC-10-10	430.0	3	CF6-6C1	40.30	11	97.0	58.1							3	*	D-1
	363.5			5.80	35	1549				101.0	100.3	100.1	103.8			
MCDONNELL DC1GLAS DC-10-10	430.0	3	CF6-6C1	40.30	11	97.0	58.1							3		D-1
	363.5			5.80	50	1549				105.5	100.3	100.1	103.8			
MCDONNELL DC1GLAS DC-10-10	430.0	3	CF6-6C1A	40.50	11	97.0	58.1							3	*	D-1
	363.5			5.80	35	1549				101.0	100.3	100.1	103.8			
MCDONNELL DC1GLAS DC-10-10	430.0	3	CF6-6C1A	40.50	11	97.0	58.1							3		D-1
	363.5			5.80	50	1549				105.5	100.3	100.1	103.8			
MCDONNELL DC1GLAS DC-10-10	430.0	3	CF6-6K	39.30	8	95.6	58.2							3	*	D-1
	363.5			5.90	35	1417				99.7	100.3	100.1	103.8			
MCDONNELL DC1GLAS DC-10-10	430.0	3	CF6-6K	39.30	8	95.6	58.2							3		D-1
	363.5			5.90	50	1417				103.9	100.3	100.1	103.8			
MCDONNELL DC1GLAS DC-10-10	440.0	3	CF6-6C	39.30	5	96.5	55.6							3	*	D-1
	363.5			5.70	35	1272				101.0	100.4	100.2	103.9			
MCDONNELL DC1GLAS DC-10-10	440.0	3	CF6-6C	39.30	5	96.5	55.6							3		D-1
	363.5			5.70	50	1272				105.5	100.4	100.2	103.9			
MCDONNELL DC1GLAS DC-10-10	440.0	3	CF6-6C1	40.30	8	96.9	58.6							3	*	D-1
	363.5			5.80	35	1417				101.0	100.4	100.2	103.9			

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

Page 40

AIRCRAFT MANUFACTURER A/C TYPE	MTOM PLW (LBS/ 1000)	E N G I N E NUMBER MODEL CODE	THRUST (LBS/ 1000) PPR	FLAPS: (CEE) NOISE LEVELS-EPNDB		FAR PART 36 LIMITS IN EPNDB				S T A G E E	NOTES	REF.
				T/O	S/L	FLL	ENGINE APPR	2000M	S/L			
MCCONNELL DCLGLAS DC-10-10	440.0 363.5	3 CF6-6C1	40.30 5.80	E 50	96.5 1417	98.6	105.5	100.4	100.2	103.9	3	D-1
MCCONNELL DCLGLAS DC-10-10	440.0 363.5	3 CF6-6C1A	40.50 5.80	E 35	96.9 1417	98.6	101.0	100.4	100.2	103.9	3	D-1
MCCONNELL DCLGLAS DC-10-10	440.0 363.5	3 CF6-6C1A	40.50 5.80	F 50	96.9 1417	98.6	105.5	100.4	100.2	103.9	3	D-1
MCCONNELL DCLGLAS DC-10-10	440.0 363.5	3 CF6-6M	39.30 5.50	F 35	95.4 1272	95.1	99.7	100.4	100.2	103.5	3	C-1
MCCONNELL DCLGLAS DC-10-10	440.0 363.5	3 CF6-6M	39.30 5.50	E 50	95.4 1272	95.1	103.9	100.4	100.2	103.9	3	D-1
MCCONNELL DCLGLAS DC-10-10	455.0 363.5	3 CF6-6C	39.30 5.70	F 35	96.0 966	101.6	101.0	100.5	100.4	104.0	3	D-1
MCCONNELL DCLGLAS DC-10-10	455.0 363.5	3 CF6-6C	39.30 5.70	F 50	96.0 966	101.6	105.5	100.5	100.4	104.0	3	D-1
MCCONNELL DCLGLAS DC-10-10	455.0 363.5	3 CF6-6C1	40.30 5.80	F 35	96.6 1198	100.2	101.0	100.5	100.4	104.0	3	D-1
MCCONNELL DCLGLAS DC-10-10	455.0 363.5	3 CF6-6C1	40.30 5.80	F 50	96.6 1198	100.2	105.5	100.5	100.4	104.0	3	D-1

AC 36-1C
Appendix 1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	E N G I N E		FLAPS (DEC)		NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.		
		NUMBER	MODEL CODE	THRUST (LBS/ 1000)	T/C	S/L	FLL	ENGINE APPR. 450 M:THRUST OUT C/B:2000M	CLIMB	CLIMB	CLIMB	CLIMB					
MCCONNELL DC-10-10	455.0	3	CF6-6C1A	40.50	4	96.6	100.2	---	---	---	---	101.0	100.5	100.4	104.0	3	D-1
MCCONNELL DC-10-10	455.0	3	CF6-6C1A	40.50	4	96.6	100.2	---	---	---	---	105.5	100.5	100.4	104.0	3	D-1
MCCONNELL DC-10-10	455.0	3	CF6-6K	29.30	---	95.1	101.2	---	---	---	---	99.7	100.5	100.4	104.0	3	D-1
MCCONNELL DC-10-10	455.0	3	CF6-6K	29.30	---	95.1	101.2	---	---	---	---	103.5	100.5	100.4	104.0	3	D-1
MCCONNELL DC-10-15	455.0	3	CF6-50C2-F	45.60	5	95.8	---	94.6	---	---	---	103.0	100.5	100.4	104.0	3	D-1
MCCONNELL DC-10-15	455.0	3	CF6-50C2-F	45.60	5	95.8	---	94.6	---	---	---	103.1	100.5	100.4	104.0	3	D-1
MCCONNELL DC-10-30	440.0	3	CF6-50C	51.00	10	98.5	100.2	---	---	---	---	102.6	107.1	105.7	107.1	2	A-1
MCCONNELL DC-10-30	440.0	3	CF6-50C	50.40	10	98.9	100.2	---	---	---	---	108.0	107.1	105.7	107.1	2	A-1
MCCONNELL DC-10-30	440.0	3	CF6-50C1	51.80	10	100.3	99.5	---	---	---	---	101.5	107.1	105.7	107.1	2	D-1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	MTOM PLW	ENGINE NUMBER MODEL CODE	FLAPS (EGG) T/O AFF	NOISE LEVELS-EPNDB				FAR PART 36 LIMITS IN EPNDB			S T A G E	NOTES	REF.	
				THRUST (LBS/ 1000)	S/L	FULL THRUST M	ENGINE CUT C/P	APPR. 2000'	S/L	T/O				APP
MCCONNELL DOLGLAS DC-10-30	440.0 363.5	3 CF6-5001	10	51.80 4.20	100.3 50	99.9 2727	---	107.0	107.1	105.7	107.1	2	4	D-1
MCCONNELL DOLGLAS DC-10-30	440.0 363.5	3 CF6-5002	10	51.60 4.30	100.8 35	100.0 2780	---	99.8	103.4	103.2	106.9	2D	4*	D-1
MCCONNELL DOLGLAS DC-10-30	440.0 400.0	3 CF6-5002	10	51.60 4.30	100.8 35	100.0 2780	---	101.0	103.4	103.2	106.9	2D	4 *	D-1
MCCONNELL DOLGLAS DC-10-30	440.0 363.5	3 CF6-5002	10	51.80 4.30	100.8 50	100.0 2780	---	105.1	103.4	103.2	106.9	2D	4	D-1
MCCONNELL DOLGLAS DC-10-30	440.0 400.0	3 CF6-5002	10	51.60 4.30	100.8 50	100.0 2780	---	106.4	103.4	103.2	106.9	2D	4	D-1
MCCONNELL DOLGLAS DC-10-30	440.0 363.5	3 CF6-5002-R	10	50.40 4.40	99.6 35	98.8 2555	---	99.6	103.4	103.2	106.9	2D	4*	D-1
MCCONNELL DOLGLAS DC-10-30	440.0 400.0	3 CF6-5002-R	10	50.40 4.40	99.6 35	98.8 2555	---	101.0	103.4	103.2	106.9	2D	4*	D-1
MCCONNELL DOLGLAS DC-10-30	440.0 363.5	3 CF6-5002-R	10	50.40 4.40	99.6 50	98.8 2555	---	105.1	103.4	103.2	106.9	2D	4	D-1
MCCONNELL DOLGLAS DC-10-30	440.0 400.0	3 CF6-5002-R	10	50.40 4.40	99.6 50	98.8 2555	---	106.4	103.4	103.2	106.9	2D	4	D-1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER A/C TYPE	PTOW ---	ENGINE NUMBER	FLAPS (EG) 1/0	NOISE LEVELS-EPNDB				FAR PART 36 LIMITS IN EPNDB			S T A G E	NOTES	REF.		
				THRUST (LBS/ 1000)	S/L APP	FULL 450 PCT RPR	ENGINE THRUST C/B	APPR 2000 P	S/L	1/0				APP	
MCCONNELL DCLGLAS DC-10-30	440.0 ---	3 ---	50.40 ---	10 ---	99.0 ---	100.3 ---	---	102.4	107.1	105.7	107.1	2	4	0-1	
	363.5	CF6-50C(ALT)	4.30	25		2536									
MCCONNELL DCLGLAS DC-10-30	440.0 ---	3 ---	50.40 ---	10 ---	99.0 ---	100.3 ---	---	102.2	107.1	105.7	107.1	2	4	0-1	
	400.0	CF6-50C(ALT)	4.30	25		2536									
MCCONNELL DCLGLAS DC-10-30	440.0 ---	3 ---	50.40 ---	10 ---	99.0 ---	100.3 ---	---	106.8	107.1	105.7	107.1	2	4	0-1	
	363.5	CF6-50C(ALT)	4.30	50		2536									
MCCONNELL DCLGLAS DC-10-30	440.0 ---	3 ---	50.40 ---	10 ---	99.0 ---	100.3 ---	---	108.0	107.1	105.7	107.1	2	4	0-1	
	400.0	CF6-50C(ALT)	4.30	50		2536									
MCCONNELL DCLGLAS DC-10-30	534.4 ---	3 ---	51.80 ---	10 ---	99.9 ---	103.0 ---	---	103.9	107.6	107.1	107.6	2	4	0-1	
	421.0	CF6-50C1	4.20	25		1610									
MCCONNELL DCLGLAS DC-10-30	534.4 ---	3 ---	51.80 ---	10 ---	99.9 ---	103.0 ---	---	105.0	107.6	107.1	107.6	2		0-1	
	421.0	CF6-50C1	4.20	50		1610									
MCCONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	50.40 ---	10 ---	98.2 ---	103.8 ---	96.4	---	102.8	107.7	107.4	107.7	2	4	0-1
	411.0	CF6-50C(ALT)	4.30	25		1256									
MCCONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	50.40 ---	10 ---	98.2 ---	103.8 ---	96.4	---	108.4	107.7	107.4	107.7	2		0-1
	411.0	CF6-50C(ALT)	4.30	50		1256									
MCCONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	51.80 ---	5 ---	98.0 ---	---	97.0	---	102.8	101.3	101.5	104.6	3	4	0-1
	402.0	CF6-50C2	4.30	25		1166									

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER A/C TYPE	MTOW MLW (LBS/ 1000)	E N G I N E NUMBER MODEL CODE	THRUST (LBS/ 1000)	S/L AFF	FLAPS (CEG) T/C	NOISE LEVELS-EPNOB				S T A G E	NOTES	REF.
						50 M :50 M	150 M :150 M	300 M :300 M	1500 M :1500 M			
						FAR PART 36 LIMITS IN EPNOB						
						450 M	1500 M	3000 M	15000 M			
						TAKEOFF	CLIMB	CRUISE	APPROACH			
						ALT. FT.	CLIMB	S/L	T/O	APP		
MCDONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	51.80 ---	5 ---	98.0 ---	97.0 ---	102.8 ---	101.3 ---	101.5 ---	104.6 ---	3 *	D-1
	411.0	CF6-50C2	4.30	25	116E							
MCDONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	51.80 ---	5 ---	98.0 ---	97.0 ---	102.7 ---	101.3 ---	101.5 ---	104.6 ---	3 *	D-1
	421.2	CF6-50C2	4.30	25	116E							
MCDONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	51.80 ---	5 ---	98.0 ---	97.0 ---	105.7 ---	101.3 ---	101.5 ---	104.6 ---	3 *	D-1
	402.0	CF6-50C2	4.30	50	116E							
MCDONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	51.80 ---	5 ---	98.0 ---	97.0 ---	106.1 ---	101.3 ---	101.5 ---	104.6 ---	3 *	D-1
	411.0	CF6-50C2	4.30	50	116E							
MCDONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	51.80 ---	5 ---	98.0 ---	97.0 ---	106.5 ---	101.3 ---	101.5 ---	104.6 ---	3 *	D-1
	421.2	CF6-50C2	4.30	50	116E							
MCDONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	53.20 ---	5 ---	98.7 ---	96.4 ---	102.8 ---	101.3 ---	101.5 ---	104.6 ---	3 *	D-1
	402.0	CF6-50C2E	4.30	25	126C							
MCDONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	53.20 ---	5 ---	98.7 ---	96.4 ---	102.8 ---	101.3 ---	101.5 ---	104.6 ---	3 *	D-1
	411.0	CF6-50C2E	4.30	25	126C							
MCDONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	53.20 ---	5 ---	98.7 ---	96.4 ---	102.7 ---	101.3 ---	101.5 ---	104.6 ---	3 *	D-1
	421.2	CF6-50C2E	4.30	25	126C							
MCDONNELL DCLGLAS DC-10-30	555.0 ---	3 ---	53.20 ---	5 ---	98.7 ---	96.4 ---	105.7 ---	101.3 ---	101.5 ---	104.6 ---	3 *	D-1
	402.0	CF6-50C2E	4.30	50	126C							

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW (LBS/ 1000)	ENGINE NUMBER MODEL CODE	FLAPS (LEG) T/C	NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.
				THRUST (LBS/ 1000)	S/L AFF	FLL M:THRUST	ENGINE CUT C/B:2000	APPR. 4 PCT	S/L	T/O			
MCDONNELL DCLGLAS DC-10-30	555.0	3 CF6-50C2E	53.20 E	98.7	96.4	106.1	101.3	101.5	104.6	3		0-1	
MCDONNELL DCLGLAS DC-10-30	555.0	3 CF6-50C2E	53.20 E	98.7	96.4	106.5	101.3	101.5	104.6	3		0-1	
MCDONNELL DCLGLAS DC-10-30	555.0	3 CF6-50C2-R	50.40 1C	97.6	97.6	102.8	101.3	101.5	104.6	3	*	0-1	
MCDONNELL DCLGLAS DC-10-30	555.0	3 CF6-50C2-R	50.40 10	97.6	97.6	102.8	101.3	101.5	104.6	3	*	0-1	
MCDONNELL DCLGLAS DC-10-30	555.0	3 CF6-50C2-R	50.40 10	97.6	97.6	102.7	101.3	101.5	104.6	3	*	0-1	
MCDONNELL DCLGLAS DC-10-30	555.0	3 CF6-50C2-R	50.40 10	97.6	97.6	105.7	101.3	101.5	104.6	3		0-1	
MCDONNELL DCLGLAS DC-10-30	555.0	3 CF6-50C2-R	50.40 10	97.6	97.6	106.1	101.3	101.5	104.6	3		0-1	
MCDONNELL DCLGLAS DC-10-30	555.0	3 CF6-50C2-R	50.40 10	97.6	97.6	106.5	101.3	101.5	104.6	3		0-1	
MCDONNELL DCLGLAS DC-10-30	555.0	3 CF6-50C(ALT)	50.40 10	98.2	103.6	102.6	107.7	107.4	107.7	2	*	0-1	

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

Page 46

AIRCRAFT MANUFACTURER AND TYPE	MTOW MLW (LBS/ 1000)	E N G I N E NUMBER MODEL CODE	THRUST (LBS/ 1000)	BPR	FLAPS: (CEG) NOISE LEVELS-EPNDB		FAR PART 36 LIMITS IN EPNDB				S T A G E	NOTES	REF.
					1/G	S/L : FLL	ENGINE:APPR.	S/L	T/O	APP			
MCCONNELL DCLGLAS DC-10-30	555.0 421.0	3 CF6-50C(ALT)	50.40 4.30	10 35	98.2 1258	103.6 103.1	107.7 107.7	107.4 107.4	107.7 107.7	2	*	D-1	
MCCONNELL DCLGLAS DC-10-30	555.0 424.0	3 CF6-50C(ALT)	50.40 4.30	10 35	99.3 1264	103.3 103.3	104.3 104.3	104.5 104.5	107.6 107.6	20	15 *	D-1	
MCCONNELL DCLGLAS DC-10-30	555.0 403.0	3 CF6-50C(ALT)	50.40 4.30	10 50	98.2 1258	108.2 108.2	107.7 107.7	107.4 107.4	107.7 107.7	2		D-1	
MCCONNELL DCLGLAS DC-10-30	555.0 421.0	3 CF6-50C(ALT)	50.40 4.30	10 50	98.2 1258	108.4 108.4	107.7 107.7	107.4 107.4	107.7 107.7	2		D-1	
MCCONNELL DCLGLAS DC-10-30	555.0 424.0	3 CF6-50C(ALT)	50.40 4.30	10 50	99.3 1264	109.7 109.7	104.3 104.3	104.5 104.5	107.6 107.6	20	15	D-1	
MCCONNELL DCLGLAS DC-10-30	555.0 411.0	3 CF6-50C2	51.80 4.30	10 35	98.2 1265	97.3 102.8	101.3 101.3	101.5 101.5	104.6 104.6	3	*	D-1	
MCCONNELL DCLGLAS DC-10-30	555.0 411.0	3 CF6-50C2	51.80 4.30	10 50	98.2 1265	97.3 106.1	101.3 101.3	101.5 101.5	104.6 104.6	3		D-1	
MCCONNELL DCLGLAS DC-10-30	558.0 411.0	3 CF6-50C(ALT)	51.80 4.30	10 35	98.2 1225	102.8 102.8	107.8 107.8	107.4 107.4	107.8 107.8	2	*	D-1	
MCCONNELL DCLGLAS DC-10-30	558.0 411.0	3 CF6-50C(ALT)	50.40 4.30	10 50	98.2 1225	108.4 108.4	107.8 107.8	107.4 107.4	107.8 107.8	2		D-1	

AC 36-1C
Appendix 1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	MTOW (LBS/ 1000)	ENGINE NUMBER MODEL CODE	THRUST (LBS/ 1000)	T/C BPR	NOISE LEVELS-EPNDB				FAR PART 36 LIMITS IN EPNDB			S T A G E	NOTES	REF.			
					S/L	FULL 450 FT 650 FT	ENGINE THRUST PCT	APP OLT C/R	S/L	T/O	APP						
MCCONNELL DCLGLAS DC-10-30	552.0	3 CF6-50C1	51.80	10 35	99.7	104.0											
	421.0		4.20		1347				103.9	107.8	107.5	107.8	2	*			0-1
MCCONNELL DCLGLAS DC-10-30	552.0	3 CF6-50C1	51.80	10 50	99.7	104.0											
	421.0		4.20		1347				109.0	107.8	107.5	107.8	2				0-1
MCCONNELL DCLGLAS DC-10-30	565.0	3 CF6-50C2	51.80	10 35	98.2		97.7										
	403.0		4.20		1215				102.8	101.3	101.6	104.7	3	*			0-1
MCCONNELL DCLGLAS DC-10-30	565.0	3 CF6-50C2	51.80	10 35	98.2		97.7										
	411.0		4.30		1215				102.8	101.3	101.6	104.7	3	*			0-1
MCCONNELL DCLGLAS DC-10-30	565.0	3 CF6-50C2	51.80	10 35	98.2		97.7										
	421.0		4.30		1215				102.7	101.3	101.6	104.7	3	*			0-1
MCCONNELL DCLGLAS DC-10-30	565.0	3 CF6-50C2	51.80	10 50	98.2		97.7										
	403.0		4.30		1215				105.7	101.3	101.6	104.7	3				0-1
MCCONNELL DCLGLAS DC-10-30	565.0	3 CF6-50C2	51.80	10 50	98.2		97.7										
	411.0		4.30		1215				106.1	101.3	101.6	104.7	3				0-1
MCCONNELL DCLGLAS DC-10-30	565.0	3 CF6-50C2	51.80	10 50	98.2		97.7										
	421.0		4.30		1215				106.5	101.3	101.6	104.7	3				0-1
MCCONNELL DCLGLAS DC-10-30	565.0	3 CF6-50C2B	53.20	5 35	98.8		97.1										
	403.0		4.30		1169				102.8	101.3	101.6	104.7	3	*			0-1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

Page 48

AIRCRAFT MANUFACTURER AND TYPE	E N G I N E		FLAPS NOISE LEVELS-EPND B			FAR PART 36 LIMITS IN EPND B					S T A G E	NOTES	REF.		
	MTOW (LBS/ 1000)	NUMBER MODEL CODE	THRUST (LBS/ 1000)	T/C APP	S/L 450 FT 650 FT ALT. FT	FULL THRUST CUT C/P	ENGINE APPR. 2000M	S/L	T/O	APP					
MCCONNELL DUGLAS DC-10-30	565.0	3 CF6-50C2E	53.20	5	98.8	97.1									
			4.30	35	1169				102.9	101.3	101.6	104.7	3		D-1
MCCONNELL DUGLAS DC-10-30	565.0	3 CF6-50C2E	53.20	5	98.8	97.1									
			4.30	35	1169				102.7	101.3	101.6	104.7	3		D-1
MCCONNELL DUGLAS DC-10-30	565.0	3 CF6-50C2E	53.20	5	98.8	97.1									
			4.30	50	1169				105.7	101.3	101.6	104.7	3		D-1
MCCONNELL DUGLAS DC-10-30	565.0	3 CF6-50C2E	53.20	5	98.8	97.1									
			4.30	50	1169				106.1	101.3	101.6	104.7	3		D-1
MCCONNELL DUGLAS DC-10-30	565.0	3 CF6-50C2E	53.20	5	98.8	97.1									
			4.30	50	1169				106.5	101.3	101.6	104.7	3		D-1
MCCONNELL DUGLAS DC-10-30	565.0	3 CF6-50C2-R	50.40	10	97.5	98.3									
			4.40	35	1113				102.9	101.3	101.6	104.7	3		D-1
MCCONNELL DUGLAS DC-10-30	565.0	3 CF6-50C2-R	50.40	10	97.5	98.3									
			4.40	35	1113				102.9	101.3	101.6	104.7	3		D-1
MCCONNELL DUGLAS DC-10-30	565.0	3 CF6-50C2-R	50.40	10	97.5	98.3									
			4.40	35	1113				102.7	101.3	101.6	104.7	3		D-1
MCCONNELL DUGLAS DC-10-30	565.0	3 CF6-50C2-R	50.40	10	97.5	98.3									
			4.40	50	1113				105.7	101.3	101.6	104.7	3		C-1

AC 36-1C
Appendix 1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER A/C TYPE	MTOW --- MLW (LBS/ 1000)	E N G I N E		FLAPS (CEG) NOISE LEVELS-EPNDB		FAR PART 36 LIMITS IN EPNDB				S T A G E E	REF.	
		NUMBER --- MODEL CODE	THRUST (LBS/ 1000)	1/0 S/L : FLL : APP 1450 M:TRUST : : 650 M: : 4 PCT : BPR : : ALT. FT: CLIPB :	1/0 S/L : FLL : APP 1450 M:TRUST : : 650 M: : 4 PCT : BPR : : ALT. FT: CLIPB :	1/0 S/L : FLL : APP 1450 M:TRUST : : 650 M: : 4 PCT : BPR : : ALT. FT: CLIPB :	1/0 S/L : FLL : APP 1450 M:TRUST : : 650 M: : 4 PCT : BPR : : ALT. FT: CLIPB :	1/0 S/L : FLL : APP 1450 M:TRUST : : 650 M: : 4 PCT : BPR : : ALT. FT: CLIPB :	1/0 S/L : FLL : APP 1450 M:TRUST : : 650 M: : 4 PCT : BPR : : ALT. FT: CLIPB :			
MCCONNELL DCLGLAS DC-10-30	565.0 --- 411.0	3 --- CF6-50C2-R	50.40 --- 4.40	10 --- 50	57.5 --- 1113	98.3 ---	106.1	101.3	101.6	104.7	3	0-1
MCCONNELL DCLGLAS DC-10-30	565.0 --- 421.0	3 --- CF6-50C2-R	50.40 --- 4.40	10 --- 50	97.5 --- 1113	98.3 ---	106.5	101.3	101.6	104.7	3	0-1
MCCONNELL DCLGLAS DC-10-30	565.0 --- 403.0	3 --- CF6-50C(ALT)	50.40 --- 4.30	10 --- 35	98.1 --- 1170	104.2 ---	102.6	107.8	107.5	107.8	2	0-1
MCCONNELL DCUGLAS DC-10-30	565.0 --- 411.0	3 --- CF6-50C(ALT)	50.40 --- 4.30	10 --- 35	98.1 --- 1170	104.2 ---	102.8	107.8	107.5	107.8	2	0-1
MCCONNELL DCUGLAS DC-10-30	565.0 --- 421.0	3 --- CF6-50C(ALT)	50.40 --- 4.30	10 --- 35	98.1 --- 1170	104.2 ---	103.1	107.8	107.5	107.8	2	0-1
MCCONNELL DCLGLAS DC-10-30	565.0 --- 403.0	3 --- CF6-50C(ALT)	50.40 --- 4.30	10 --- 50	98.1 --- 1170	104.2 ---	108.3	107.8	107.5	107.8	2	0-1
MCCONNELL DCLGLAS DC-10-30	565.0 --- 411.0	3 --- CF6-50C(ALT)	50.40 --- 4.30	10 --- 50	98.1 --- 1170	104.2 ---	108.4	107.8	107.5	107.8	2	0-1
MCCONNELL DCLGLAS DC-10-30	565.0 --- 421.0	3 --- CF6-50C(ALT)	50.40 --- 4.30	10 --- 50	98.1 --- 1170	104.2 ---	108.4	107.8	107.5	107.8	2	0-1
MCCONNELL DCLGLAS DC-10-30	572.0 --- 421.0	3 --- CF6-50C1	51.80 --- 4.20	10 --- 35	95.7 --- 1257	104.4 ---	101.9	107.8	107.6	107.8	2	0-1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AC 36-1C
Appendix 1

Page 50

AIRCRAFT MANUFACTURER A/C TYPE	MTOW PLW (LBS/ :1000)	ENGINE NUMBER MODEL CODE	THRUST (LBS/ :1000) RPR	CLASSES (1/0) APP	NOISE LEVELS-EPNOB					FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.
					S/L :450 :650 :ALT. FT	FLL :P :M :CLIMB	ENGINE :CLT :4 PCT	APPR. :2000	S/L	T/O	APP				
MCCONNELL DCLGLAS DC-10-30	:572.0: :---: :403.0:	3 --- CF6-50C1	:51.80: :---: :4.20	10 --- 25	99.7: :---: :1257	104.4 :---: :	---	:103.2:	:107.8:	:107.6:	:107.8:	2	*	D-1	
MCCONNELL DCLGLAS DC-10-30	:572.0: :---: :421.0:	3 --- CF6-50C1	:51.80: :---: :4.20	10 --- 50	99.7: :---: :1257	104.4 :---: :	---	:109.0:	:107.8:	:107.6:	:107.8:	2		D-1	
MCCONNELL DCLGLAS DC-10-30	:572.0: :---: :403.0:	3 --- CF6-50C1	:51.80: :---: :4.20	10 --- 50	95.7: :---: :1257	104.4 :---: :	---	:108.4:	:107.8:	:107.6:	:107.8:	2		D-1	
MCCONNELL DCLGLAS DC-10-30	:572.0: :---: :421.0:	3 --- CF6-50C2	:51.80: :---: :4.30	10 --- 25	98.2: :---: :1158	98.2 :---: :	---	:102.7:	:101.4:	:101.7:	:104.7:	3	*	D-1	
MCCONNELL DCLGLAS DC-10-30	:572.0: :---: :421.0:	3 --- CF6-50C2	:51.80: :---: :4.30	10 --- 25	98.2: :---: :1158	98.2 :---: :	---	:102.7:	:101.4:	:101.7:	:104.7:	3	15 *	D-1	
MCCONNELL DCLGLAS DC-10-30	:572.0: :---: :411.0:	3 --- CF6-50C2	:51.80: :---: :4.30	10 --- 25	98.2: :---: :1158	104.4 :---: :	---	:102.8:	:101.4:	:101.7:	:104.7:	3	*	D-1	
MCCONNELL DCLGLAS DC-10-30	:572.0: :---: :403.0:	3 --- CF6-50C2	:51.80: :---: :4.30	10 --- 25	98.2: :---: :1158	98.2 :---: :	---	:102.8:	:101.4:	:101.7:	:104.7:	3	*	D-1	
MCCONNELL DCLGLAS DC-10-30	:572.0: :---: :421.0:	3 --- CF6-50C2	:51.80: :---: :4.30	10 --- 50	98.2: :---: :1158	98.2 :---: :	---	:106.5:	:101.4:	:101.7:	:104.7:	3		D-1	
MCCONNELL DCLGLAS DC-10-30	:572.0: :---: :421.0:	3 --- CF6-50C2	:51.80: :---: :4.30	10 --- 50	98.2: :---: :1158	98.2 :---: :	---	:106.6:	:101.4:	:101.7:	:104.7:	3	15	D-1	

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	MTOW ---	E N G I N E		FLAPS (C/F) : NOISE LEVELS-EPNOB		FAR PART 36 LIMITS IN EPNOB				S T A G E	NOTES	REF.			
		NUMBER	MODEL CODE	THRUST (LBS/ 1000)	T/C	S/L : FULL APF : 450 M : STANOFF : ---	ENGINE:APPR. : CUT C/B:2000M : 4 PCT :	S/L	T/O				APP		
MCCONNELL DCLGLAS DC-10-30	572.0	3	CF6-50C2	51.80	10	98.2	104.4	98.2	105.7	101.4	101.7	104.7	3	0-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	CF6-50C2	51.80	10	98.2	104.4	98.2	106.1	101.4	101.7	104.7	3	0-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	CF6-50C2B	53.20	10	98.9	104.4	97.5	102.7	101.4	101.7	104.7	3	0-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	CF6-50C2B	53.20	10	98.9	104.4	97.5	102.7	101.4	101.7	104.7	3	15 *	0-1
MCCONNELL DCLGLAS DC-10-30	572.0	3	CF6-50C2F	53.20	10	98.9	104.4	97.5	102.9	101.4	101.7	104.7	3	0-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	CF6-50C2B	53.20	10	98.9	104.4	97.5	102.9	101.4	101.7	104.7	3	0-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	CF6-50C2B	53.20	10	98.9	104.4	97.5	106.5	101.4	101.7	104.7	3	0-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	CF6-50C2B	53.20	10	98.9	104.4	97.5	106.6	101.4	101.7	104.7	3	0-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	CF6-50C2B	53.20	10	98.9	104.4	97.5	105.7	101.4	101.7	104.7	3	0-1	

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

Page 52

AIRCRAFT MANUFACTURER AND TYPE	MTOW --- PLW (LBS/ 1000)	E N G I N E		FLAPS (DEG)		NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB			S T A G E	NOTES	REF.	
		MODEL CODE	THRUST (LBS/ 1000)	BPR	T/C	S/L AFF	FULL THRUST	ENGINE CLT C/R	AFPR 2000M	S/L	T/O	APP				
MCCONNELL DCLGLAS DC-10-30	572.0 --- 411.0	3 --- CF6-50C2B	53.20 --- 4.30	10 --- 50	98.6 --- 1248	97.5 ---	---	---	---	106.1	101.4	101.7	104.7	3		C-1
MCCONNELL DCLGLAS DC-10-30	572.0 --- 421.0	3 --- CF6-50C2-R	50.40 --- 4.40	10 --- 25	97.5 --- 1085	98.6 ---	---	---	---	102.7	101.4	101.7	104.7	3	*	D-1
MCCONNELL DCLGLAS DC-10-30	572.0 --- 403.0	3 --- CF6-50C2-R	50.40 --- 4.40	10 --- 25	97.5 --- 1085	98.6 ---	---	---	---	102.8	101.4	101.7	104.7	3	*	D-1
MCCONNELL DCLGLAS DC-10-30	572.0 --- 421.0	3 --- CF6-50C2-R	50.40 --- 4.40	10 --- 25	97.5 --- 1085	98.6 ---	---	---	---	102.7	101.4	101.7	104.7	3	15*	D-1
MCCONNELL DCLGLAS DC-10-30	572.0 --- 421.0	3 --- CF6-50C2-R	50.40 --- 4.40	10 --- 50	97.5 --- 1085	98.6 ---	---	---	---	106.5	101.4	101.7	104.7	3		D-1
MCCONNELL DCLGLAS DC-10-30	572.0 --- 403.0	3 --- CF6-50C2-R	50.40 --- 4.40	10 --- 50	97.5 --- 1085	98.6 ---	---	---	---	105.7	101.4	101.7	104.7	3		D-1
MCCONNELL DCLGLAS DC-10-30	572.0 --- 421.0	3 --- CF6-50C2-R	50.40 --- 4.40	10 --- 50	97.5 --- 1085	98.6 ---	---	---	---	106.6	101.4	101.7	104.7	3	15	D-1
MCCONNELL DCLGLAS DC-10-30	572.0 --- 411.0	3 --- CF6-50C-F	51.80 --- 4.40	10 --- 25	97.5 --- 1085	98.6 ---	---	---	---	102.8	101.4	101.7	104.7	3	*	D-1
MCCONNELL DCLGLAS DC-10-30	572.0 --- 411.0	2 --- CF6-50C-F	51.80 --- 4.40	10 --- 50	97.5 --- 1085	98.6 ---	---	---	---	106.1	101.4	101.7	104.7	3		D-1

AC 36-1C
Appendix 1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

6/6/83

AIRCRAFT MANUFACTURER AND TYPE	E N G I N E		NOISE LEVELS-EPNOB				FAR PART 36				S T A G E E	NOTES	REF.			
	MTOW	NUMBER	THRUST (LBS/1000)	BPR	S/L	FLL	ENGINE CLY C/P	APPR.	LIMITS IN EPNOB							
	PLW	MODEL CODE	(LBS/1000)	BPR	450 M	THRUST	CLY C/P	2000M	S/L	T/O				APP		
	(LBS/1000)				ALT. FT	CLIMB										
MCCONNELL DCLGLAS DC-10-30	572.0	3	50.40	10	98.1	104.4										
	421.0	CF6-50C(ALT)	4.30	25		1105			103.1	107.8	107.6	107.8	2	*	D-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	50.40	10	98.1	104.4										
	403.0	CF6-50C(ALT)	4.30	25		1105			102.6	107.8	107.6	107.8	2	*	D-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	50.40	10	98.1	104.4										
	411.0	CF6-50C(ALT)	4.30	25		1105			102.8	107.8	107.6	107.8	2	*	D-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	50.40	10	98.1	104.4										
	421.0	CF6-50C(ALT)	4.30	25		1105			102.4	107.8	107.6	107.8	2		D-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	50.40	10	98.1	104.4										
	403.0	CF6-50C(ALT)	4.30	25		1105			106.3	107.8	107.6	107.8	2		D-1	
MCCONNELL DCLGLAS DC-10-30	572.0	3	50.40	10	98.1	104.4										
	411.0	CF6-50C(ALT)	4.30	25		1105			109.4	107.8	107.6	107.8	2		D-1	
MCCONNELL DCLGLAS DC-10-30	560.0	3	51.80	15	98.2		98.8									
	411.0	CF6-50C2	4.30	25		1133			102.8	101.4	101.8	104.8	3	*	D-1	
MCCONNELL DCLGLAS DC-10-30	560.0	3	51.80	15	98.2		98.8									
	411.0	CF6-50C2	4.30	25		1132			106.1	101.4	101.8	104.8	3		D-1	
MCCONNELL DCLGLAS DC-10-30	580.0	3	53.20	10	98.8		98.1									
	411.0	CF6-50C2B	4.30	25		1162			102.2	101.4	101.8	104.8	3	*	D-1	

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

Page 54

AC 36-1C
Appendix 1

AIRCRAFT MANUFACTURER AND TYPE	MTOW PLW (LBS/ 1000)	ENGINE NUMBER MODEL CODE	FLAPS: (SEE) NOISE LEVELS-EPNDB				FAR PART 36 LIMITS IN EPNDB				S T A G E	NOTES: REF.
			THRUST (LBS/ 1000)	T/G	S/L	FULL M:THRUST :TAKEOFF	ENGINE CUT C/B: 2000P	APPR.	S/L	T/O		
MCCONNELL DCLGLAS DC-10-30	550.0 411.0	3 CF6-50C2P	53.20 4.30	10 50	98.8 1162	98.1	106.1	101.4	101.8	104.8	3	D-1
MCCONNELL DCLGLAS DC-10-30	590.0 436.0	3 CF6-50C1	51.80 4.20	6 35	99.3 1033	98.1	104.2	107.9	107.8	107.9	2	15 * D-1
MCCONNELL DCLGLAS DC-10-30	590.0 436.0	3 CF6-50C1	51.80 4.20	6 50	99.3 1033	98.1	109.6	107.9	107.8	107.9	2	15 D-1
MCCONNELL DCLGLAS DC-10-30	590.0 436.0	3 CF6-50C2	51.80 4.30	15 35	98.2 1050	99.3	102.6	101.5	101.8	104.8	3	15 * D-1
MCCONNELL DCLGLAS DC-10-30	590.0 436.0	3 CF6-50C2	51.80 4.30	15 35	98.2 1050	99.3	102.6	104.5	104.8	107.8	20	* D-1
MCCONNELL DCLGLAS DC-10-30	590.0 411.0	3 CF6-50C2	51.80 4.30	15 35	98.2 1050	99.3	102.8	101.5	101.8	104.8	3	* D-1
MCCONNELL DCLGLAS DC-10-30	590.0 436.0	3 CF6-50C2	51.80 4.30	15 50	98.2 1050	99.3	107.1	104.5	104.8	107.8	20	D-1
MCCONNELL DCLGLAS DC-10-30	590.0 436.0	3 CF6-50C2	51.80 4.30	15 50	98.2 1050	99.3	106.8	101.5	101.8	104.8	3	15 D-1
MCCONNELL DCLGLAS DC-10-30	590.0 411.0	3 CF6-50C2	51.80 4.30	15 50	98.2 1050	99.3	106.1	101.5	101.8	104.8	3	D-1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AIRCRAFT MANUFACTURER AND TYPE	E N G I N E		CLASS (EEG) NOISE LEVELS-EPNOB				FAR PART 36 LIMITS IN EPNOB				S T A G E	NOTES	REF.		
	MTOW ---	NUMBER ----	THRUST (LBS/ 1000)	1/C ---	S/L ---	FULL MTHRUST	ENGINE OLT C/8	APPR. 2000M	S/L ---	T/O ---				APP ---	
	PLW (LBS/ 1000)	MODEL CODE ----	THRUST (LBS/ 1000)	EPN	EPN	EPN	EPN	EPN	EPN	EPN	EPN	EPN	EPN	EPN	EPN
MCCONNELL DCLGLAS DC-10-30	590.0 ---	3 ---	53.20 ---	15 ---	98.8 ---	98.9 ---	---	---	102.6	101.5	101.8	104.8	3	15 *	D-1
	436.0	CF6-50C2R	4.30	25	1135										
MCCONNELL DCLGLAS DC-10-30	590.0 ---	3 ---	53.20 ---	15 ---	98.8 ---	98.9 ---	---	---	102.6	104.5	104.8	107.8	20	*	D-1
	436.0	CF6-50C2R	4.30	25	1135										
MCCONNELL DCLGLAS DC-10-30	590.0 ---	3 ---	53.20 ---	15 ---	98.8 ---	98.9 ---	---	---	102.8	101.5	101.8	104.8	3	*	D-1
	411.0	CF6-50C2E	4.30	25	1125										
MCCONNELL DCLGLAS DC-10-30	590.0 ---	3 ---	53.20 ---	15 ---	98.8 ---	98.9 ---	---	---	106.8	101.5	101.8	104.8	3	15	D-1
	436.0	CF6-50C2E	4.30	25	1135										
MCCONNELL DCLGLAS DC-10-30	590.0 ---	3 ---	53.20 ---	15 ---	98.8 ---	98.9 ---	---	---	107.1	104.5	104.8	107.8	20		D-1
	436.0	CF6-50C2E	4.30	25	1125										
MCCONNELL DCLGLAS DC-10-30	590.0 ---	3 ---	53.20 ---	15 ---	98.8 ---	98.9 ---	---	---	106.1	101.5	101.8	104.8	3		D-1
	411.0	CF6-50C2E	4.30	25	1125										
MCCONNELL DCLGLAS DC-10-40	440.0 ---	3 ---	44.50 ---	15 ---	95.8 ---	96.9 ---	---	---	95.2	107.1	105.7	107.1	2	4 *	D-1
	363.5	JT9C-20C	5.00	25	1857										
MCCONNELL DCLGLAS DC-10-40	440.0 ---	3 ---	44.50 ---	15 ---	95.2 ---	96.8 ---	---	---	104.4	100.4	100.2	103.9	3	4	D-1
	363.5	JT9D-20C	5.00	25	1865										
MCCONNELL DCLGLAS DC-10-40	440.0 ---	3 ---	51.72 ---	10 ---	98.6 ---	97.2 ---	---	---	104.1	100.4	100.2	103.9	3	4 *	D-1
	363.5	JT9D-55A	4.90	25	2794										

6/6/83

AC 36-1C
Appendix 1

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

Page 56

AIRCRAFT MANUFACTURER AND TYPE	MTOW --- PLW (LBS/ 1000)	E N G I N E		:FLAPS:		:NOISE LEVELS-EPNDB				FAR PART 36 LIMITS IN EPNDB			S T A G E	NOTES	REF.		
		NUMBER	MODEL CODE	THRUST (LBS/ 1000)	T/C	S/L	FLL	ENGINE	APPR.	450 M THRUST	CUT C/B	2000M				S/L	T/O
MCCONNELL DCLGLAS DC-10-40	440.0 --- 363.5	3 --- JT9D-59A	51.72 --- 4.90	10 --- 50	98.6 --- 2754	57.2 ---					105.5	100.4	100.2	103.9	3	4	0-1
MCCONNELL DCLGLAS DC-10-40	445.0 --- 400.0	3 --- JT9D-59A	51.72 --- 4.90	10 --- 25	97.7 --- 2714	57.0 ---					104.8	107.1	105.8	107.1	2	4	0-1
MCCONNELL DCLGLAS DC-10-40	445.0 --- 400.0	3 --- JT9D-59A	51.72 --- 4.90	10 --- 50	97.7 --- 2714	57.0 ---					105.2	107.1	105.8	107.1	2	4	0-1
MCCONNELL DCLGLAS DC-10-40	530.0 --- 390.0	3 --- JT9D-200	44.50 --- 5.00	10 --- 25	95.2 --- 544	100.8 ---					100.4	107.6	107.1	107.6	2	4	0-1
MCCONNELL DCLGLAS DC-10-40	530.0 --- 403.0	3 --- JT9D-200	44.50 --- 5.00	10 --- 25	95.2 --- 544	100.8 ---					101.2	107.6	107.1	107.6	2	4	0-1
MCCONNELL DCLGLAS DC-10-40	530.0 --- 390.0	3 --- JT9D-200	44.50 --- 5.00	10 --- 50	95.2 --- 544	100.8 ---					105.4	107.6	107.1	107.6	2		0-1
MCCONNELL DCLGLAS DC-10-40	530.0 --- 403.0	3 --- JT9D-200	44.50 --- 5.00	10 --- 50	94.6 --- 550	100.8 ---					105.6	101.1	101.2	104.5	3		0-1
MCCONNELL DCLGLAS DC-10-40	555.0 --- 403.0	3 --- JT9D-59A	51.72 --- 4.90	10 --- 25	98.0 --- 1434	101.4 ---					104.9	101.3	101.5	104.6	3	4	0-1
MCCONNELL DCLGLAS DC-10-40	555.0 --- 403.0	3 --- JT9D-59A	51.72 --- 4.90	10 --- 50	98.0 --- 1434	101.4 ---					106.4	101.3	101.5	104.6	3		0-1

AC 36-1C
Appendix 1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR TURBOJET POWERED AIRCRAFT

AC 36-1C
Appendix 1

AIRCRAFT MANUFACTURER AND TYPE	MTOW --- PLW (LBS/ 1000)	E N G I N E		FLAPS (CEE) T/O		NOISE LEVELS-EPND8				FAR PART 36 LIMITS IN EPND8			S T A G E	NOTES	REF.		
		NUMBER MODEL CODE	THRUST (LBS/ 1000) EPR	T/O	S/L	FULL	ENGINE	AFPR	2000M	S/L	T/O	APP					
ROCKWELL INTERNAT. SABRELINER 75A	23.0 ---	2 ---	4.20 ---	15	51.5 ---	50.7					102.0	93.0	102.0	2		A-1	
		CF700-2C-2															
ROCKWELL INTERNAT. SABRELINER 75A	23.0 ---	2 ---	4.20 ---	25	51.3 ---	50.7					100.2	102.0	93.0	102.0	2		A-1
		CF700-2C-2															
ROCKWELL INTERNAT. SABRELINER EC	23.3 ---	2 ---	4.32 ---		51.3 ---	50.7					100.2	102.0	93.0	102.0	2		CR
	22.0	CF700-2C-2	2.00														
SHORT BRCS. SB3-E0	26.0 ---	2 ---		5		84.4					89.9	94.0	89.0	98.0	3		CR
	25.7	T150-4		20	83.7												
VFW FOKKER F-28 MK100C	65.0 ---	2 ---	9.50 ---	6	59.5 ---	50.0					101.2	102.0	93.0	102.0	2		A-1
		SPEY PK555-15		42													
VFW FOKKER F-28 MK200C	65.0 ---	2 ---	9.50 ---	6	59.5 ---	50.0					101.8	102.0	93.0	102.0	2		A-1
		SPEY PK555-15		42													
VFW FOKKER VFW 614	44.1 ---	2 ---	6.88 ---								95.0	102.0	93.0	102.0	2		I-8
	44.1	M45F	3.10	25	89.6	90.5											

6/6/83

REFERENCES

 A-1 DATA OBTAINED FROM ADVISORY CIRCULAR 36-1B 12/5/77
 B-1 DATA OBTAINED FROM BOEING 11/5/82
 CR DATA OBTAINED FROM CERTIFICATION REPORTS
 D-1 DATA OBTAINED FROM MCDONNELL DOUGLAS 2/24/83
 GA-1 DATA OBTAINED FROM GATES LEARJET 10/10/82
 L-1 DATA OBTAINED FROM LOCKHEED 10/6/82

CE CENTRAL REGION
 NWM NORTHWEST MOUNTAIN REGION
 SC SOUTHERN REGION
 WP WESTERN PACIFIC REGION

I-6 UNITED KINGDOM ICAO CAN 6 BIP 21 3/4/75
 I-7 BRITISH AEROSPACE CORPORATION 8/20/81
 I-8 FRANCE ICAO CAN 6 DATA 3/78
 I-9 ICAO CAN WG #0# UPDATE 4/81

NOTES

 1 ENGINES EQUIPPED WITH P-36 ACOUSTICAL TREATMENT (MCDONNELL DOUGLAS AIRCRAFT)
 2 QUIET NACELLES AND FAN CASE DOUBLE ACOUSTIC TREATMENT (BOEING AIRCRAFT)
 3 FAN CASE DOUBLE ACOUSTIC TREATMENT
 4 AT TOGW OF 445K OR LESS AND LANDING WEIGHTS OF 400K
 CR LESS THE CENTER LANDING GEAR RETRACTED.
 5 DIRECT LIFT CONTROL USED ON APPROACH.
 6 NOT USED
 7 NOT USED
 8 NOT USED
 9 ICAO ANNEX 16 CERTIFICATION DATA SOURCE.
 10 DC-9-80 NORMAL TAKEOFF THRUST
 11 DC-9-80 MAXIMUM TAKEOFF THRUST
 12 EQUIPPED WITH STANDARD HUSH KIT
 13 EQUIPPED WITH LEARAVIA ENGINE SUPPRESSOR NOZZLE (GATES LEARJET)
 14 EQUIPPED WITH LEARAVIA WITH ECR 936 (GATES LEARJET)
 15 REVISED FORWARD CENTER OF GRAVITY ON APPROACH
 16 DATA ALSO APPLIES TO JT8D-7A AND JT8D-7P ENGINES
 17 DATA ALSO APPLIES TO JTRD-9A
 18 DATA ALSO APPLIES TO JTRD-15A
 19 DATA ALSO APPLIES TO JT8D-17A
 20 DATA ALSO APPLIES TO JTRD-17AR
 * LESS THAN MAXIMUM FLAP SETTING

STAGE

 2 STAGE 2: 36.7(D)(1)
 2D STAGE 2 DERIVATIVE: 36.7(D)(3)
 3 STAGE 3: 36.7(E) INCLUDING ALL AMENDMENTS THROUGH 36-0
 3* STAGE 3: 36.7(E) INCLUDING ALL AMENDMENTS THROUGH 36-8

STAGE 2: S/L AT .25NM OR .35NM (4 ENGINES); T/O AT 3.5NM; APPR AT 1.0NM (370 FT ALT)
 STAGE 2D,3,3*: S/L AT 450M OR 650M (4 ENGINES); T/O AT 6500M; APPR AT 200M (394 FT ALT)

APPENDIX 2

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES OVER 12500 LBS

6/6/83

AIRCRAFT MAKE AND MODEL	MTOW MLA LBS/ 1000	ENGINE				PROPELLER				NOISE LVLS-EPNDB						
		NUMBER AND TYPE	SHP	RPM	SYS	TYPE	DIAM (IN)	BLADES	NUM. OF	PITCH (DEG)	FLAPS VAR	SPEED (KTS)	TEST DAY	SL	TAKEOFF	APPR
														450M FT.	AND CB	ENG C/B
PRIT.AEROSPACE FS-74R-2b	46.50 43.00	2 ROLLS ROYCE MAE35-2	2470	1394		DOWTY RO TOL CR212/4- 30-4/22	144	4	V	15 20	120.2 104.0		96.8	92.5 1922		1-5
CASA C-212-CP	14.33 13.76	2 AIRESARCH TPE 331-5-251C	750	1591		HARTZELL HC-R4TN- 5CL	107	4		10 20	125.0 123.0		84.6	87.3		91.2 EU
CASA C-212-CC	16.43 16.21	2 AIRESARCH TPE 331-10-501C	900	1591		HARTZELL HC-R4MN- 5AL	110	4		10 15	135.0 130.0		86.7	87.6		93.7 EU
DEHAVILLAND DH7-101	42.99 41.01	4 PRATT+WHITNEY PT6A-50	1017	1210	4	HAMILTON STD. 24PF-305	135	4	V	25 25	95.1 102.1	50	83.3	80.1 2240		91.6 I-4
DEHAVILLAND DH7-103	44.00 42.00	4 PRATT+WHITNEY PT6A-50	1120	1210	4	HAMILTON STD. 24PF-305	135	4	V	25 25	95.5 103.3	50	84.0	80.5 2240		91.4 I-4
LOCKHEED L 101-30	155.00 152.00	4 ALLISON 501-D22A	4050	1020	4	HAMILTON STD. 54H60	161	4	V	18 35	147.0 141.0		93.9	98.4		99.1 A-1
SHORT LEFS. S03-30	22.00 21.61	2 PRATT+WHITNEY PT6A-45	1120	1675	4	HARTZELL HC-35MP- 34/H102P 2PR-5	111	5	V	8 35	107.0 102.0	70	83.5	88.1		92.8 A-1
SHORT LEFS. S03-30	22.41 21.69	2 PRATT+WHITNEY PT6A-45	1120	1675	4	HARTZELL HC-35MP- 34/H102P 2PR-5	111	5	V	4 35	111.0 108.0		83.9	86.5 1490		91.5 A-1

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES OVER 12500 LBS

AC 36-1C
Appendix 2

Page 2

AIRCRAFT MAKE AND MODEL	ENGINE			PROPELLER				NOISE LVLS-EPNDB									
	MTOW LBS/ 1000	NUMBER AND TYPE	SHP	RPM	EXP SYS	TYPE	DIAM (IN)	NUM. OF BLADES	PITCH FIX/ VAR	FLAPS TAKEOFF APP	SPEED TO REF APP	TEST TEMP (F)	SL	TAKEOFF		APPR	
													450M	FULL THRST	1 ENG OUT	4 PCT CLIMB	2000 M REF
SHORT BRGS. SD3-30	22.60 22.31	2 PRATT+WHITNEY PT6A-45P	1156	1675		HARTZELL	111	5	V	4 35	110.0		84.1	88.9	1940		I-5
SHORT BRGS. SD3-30	22.86 22.60	2 PRATT+WHITNEY PT6A-45	1120	1675		HARTZELL	111	5	V	4	114.0		84.7	88.9	1942		I-5

6/6/83

REFERENCES

- A-1 ADVISORY CIRCULAR 36-1B 12/5/77
- B-1 BEECH DATA 1/19/81
- G-1 GAMA DATA 2/27/81 (ADDITIONAL DATA)
- G-2 GAMA DATA 2/27/81 (CORRECTIONS)
- G-3 GAMA DATA 8/15/81
- P-1 PIFER DATA 8/31/81
- S-1 CESSNA DATA

- I-0 GERMANY 3/1/81
- I-1 FRANCE 10/10/80 CAN
- I-2 IRLAND 1/18/82 CAN
- I-3 UNITED KINGDOM 10/10/80 CAN
- I-4 CANADA 10/10/80 CAN
- I-5 ENGLAND 9/11/81

- CE CENTRAL REGION
- C-1 CE REGION UPDATE 8/23/76
- C-2 CE REGION UPDATE 8/11/81
- C-3 CE REGION UPDATE 4/09/82
- EA EASTERN REGION
- E-1 EA REGION UPDATE 8/3/81
- EU EUROPEAN REGION
- GL GREAT LAKES
- GL-1 GL REGION UPDATE 8/11/81
- GL-2 GL REGION UPDATE 4/12/82
- NE NEW ENGLAND REGION
- PC PACIFIC REGION
- SO SOUTHERN REGION
- SO-1 SO REGION UPDATE 8/10/81
- SO-2 SO REGION UPDATE 4/9/81
- SW SOUTHWEST REGION
- SW-1 SW REGION UPDATE 8/5/81
- SW-2 SW REGION UPDATE 4/14/82

EXHAUST CONFIGURATION

- 1. STUB PIPES
- 2. SMALL COLLECTOR, SHORT EXHAUST PIPE
- 3. BAFFLES IN COLLECTOR AND/OR CONES IN EXHAUST PIPE
- 4. TURBINE OR TURBOCHARGER
- 5. HEAT MUFF
- 6. COLLECTOR WRAPAROUND MANIFOLD STRAIGHT PIPE
- 7. MANIFOLD MUFFLER
- 8. RESONATOR MUFFLER

APPENDIX 3
AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AIRCRAFT MAKE/MODEL POPULAR NAME	ENGINE		PROPELLER				NOISE LEVELS DB(A)								
	MTOW PLW LRS/ 1000	NUMBER AND TYPE	ENG SHP	EXH RPM	SYS	TYPE	NUM. OF BLADES	TEST SPEED (KTS)	TEST DAY	NOISE TEMP (F)	PERF CORR LVL	FAR36 LIMIT	REFERENCE		
AIRCONCEPT VOU-10	1.73	1 LIMPACH SL-1700-EA	59			HOFFMANN HO-11-150B65 SL	59	2 F 3100	62	68	64.1	-1.3	62.8	68.0	I-0
AKA-FLIEG STUTT FS-28 AVISPA	1.98	1 LYCOMING IO-360-617	181			HOFFMANN HO-V-132K-X/ LD210	78	2 V 2200	114	64	72.1	-1.4	70.6	72.0	I-0
ALPLA-WERKE AVO-68S	1.50	1 LIMPACH SL-1700-EI	59			HOFFMANN HO-11-150E75 SL	59	2 F 3025	78	66	62.8	1.8	64.6	69.1	I-0
ALPLA-WERKE AVO-68S	1.51	1 LIMPACH SL-1700-EI	59			HOFFMANN HO-11-150E-7 SL	59	2 F 3125	82	66	64.1	1.8	65.9	69.1	I-0
ANDERSON GREEN 400D 51	2.15	1 AVCO LYCOMING O-540-A405	250	2575	3	HARTZELL HC-F2YR-1S/R 465-70	77	2 V 2575	167	82	75.2	-1.5	73.7	79.1	SW
A. SCHLEICHER ASK 16 9	1.65	1 LIMPACH L200-EP-1	74			HOFFMANN HO-V62P/LT16 AT	63	2 V 2700	86	70	60.0	-1.3	58.7	70.0	I-0
BEECH A36 BONANZA	3.60	1 TELEDYNE T5-520-B	228	2550	5	MCCAULEY 2A36C23/PAR- 20	84	2 V 2550	173	79	78.0	-0.6	77.4	80.0	CE-C-2
BEECH A36 BONANZA	3.60	1 TELEDYNE T5-520-B	260	2700	5	MCCAULEY 3A32C763/PL NR-2	80	3 V 2700	175	76	78.8	-0.6	78.2	81.0	G-3
BEECH A36TC BONANZA	3.65	1 TELEDYNE T511-520-U	300	2700	5	MCCAULEY 3A32C763/R2 NR-2	80	3 V 2700	169	76	79.5	-0.3	79.2	80.0	CE-C-2
BEECH B112 KING AIR	11.87	2 AIRSEARCH TEL 331-6-452 B	715	2100	1	HARTZELL HC-P47L-50/T 10178EP-12-1/2	58	4 V 2000	230	75	80.2	-2.9	77.3	81.0	CE-C-2
BEECH B200 SUPER KING AIR	12.50	2 PPATT+WHITNEY PT6A-40	680	2100	1	HARTZELL HC-P37N-30/T 10178EP-3P	58	3 V 2000	245	70	82.8	-3.6	79.2	81.0	CE-C-2
BEECH B200 SUPER KING AIR	12.50	2 PPATT+WHITNEY PT6A-41	647	2000	1	HARTZELL HC-P37N-30/T 10178EP-3P	58	3 V 2000	251	70	82.8	-4.1	78.7	80.0	CE-C-2

6/6/83

AC 36-1C
Appendix 3

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AC 36-1C
Appendix 3

AIRCRAFT MAKE, MODEL POPULAR NAME	ENGINE		PROPELLER				NOISE LEVELS DB(A)									
	MTOW MLW LBS/ 1000	NUMBER AND TYPE	ENG SERIAL	FXH SYS	TYPE	NUM. OF BLADES	TEST DAY	TEST TEMP	NOISE PERF	CORR CORR	FAR36 CORR	REFERENCE				
BEECH B200CT SUPER KING AIR	12.50 12.50	2 PRATT+WHITNEY PT6A-42	845	2000	1	HARTZELL HC-B3TN-3G/T 10176HB-3R	59	3 V	1996	251	70	82.8	-3.3	79.5	80.0	C-3
BEECH B200/B200C SUPER KING AIR	12.50 12.50	2 PRATT+WHITNEY PT6A-41	845	2000	1	HARTZELL HC-B3TN-3G/T 10178HB-3R	59	3 V	1996	251	70	82.6	-3.6	79.2	80.0	C-3
BEECH B36TC BONANZA	3.86 3.86	1 TELEDYNE TS10-520-U	293	2700		MCCAULEY E2NDA-4	76	3 V	2700	177	81	78.7	.5	75.2	80.0	G-3
BEECH B55 BARON	5.10 5.10	2 TELEDYNE 10-470-L	223	2550	2	HARTZELL BHC-C2YF-2CH FC8465-6	78	2 V	2550	178	67	81.0	-3.0	78.0	80.0	CE-C-2
BEECH B55 BARON	5.10 5.10	2 TELEDYNE 10-470-L	221	2550	2	HARTZELL PHC-C3YF-2/F C7663-2R	71	3 V	2550	177	76	77.7	-3.0	74.7	80.0	CE-C-2
BEECH B58 BARON	5.40 5.40	2 TELEDYNE 10-520-C	254	2550	2	HARTZELL PHC-J2YF-2C/ FC8475-6	78	2 V	2550	192	75	82.0	-3.1	78.9	80.0	CE-C-2, G-3
BEECH B58 BARON	5.40 5.40	2 TELEDYNE 10-520-C	256	2650	2	HARTZELL PHC-J3YF-2/F C7663-DR	71	3 V	2650	195	80	81.9	-3.1	78.8	80.0	CE-C-2, G-3
BEECH B58P BARON	6.20 6.20	2 CONTINENTAL TS10-520-WC	294	2600	4	HARTZELL PHC-J3YF-2UF FC7663-DR	76	3 V	2600	197	69	78.2	-2.1	76.1	80.0	C-3
BEECH B58P PRESS. BARON	6.10 6.10	2 TELEDYNE TS10-520-L	301	2600	2	HARTZELL PHC-J3YF-2/F C7663-DR	78	3 V	2600	193	66	80.6	-1.5	75.1	80.0	A-1, G-3
BEECH B58TC TURBO BARON	6.20 6.20	2 CONTINENTAL TS10-520-WP	294	2600	4	HARTZELL PHC-J3YF-2UF FC7663-DR	78	3 V	2600	197	69	78.2	-2.1	76.1	80.0	C-3
BEECH B58TC TURBO BARON	6.10 6.10	2 TELEDYNE TS10-520-L	301	2600	2	HARTZELL PHC-J3YF-2/F C7663-DR	78	3 V	2600	193	66	80.6	-1.5	75.1	80.0	CE, G-3
BEECH B60 DUKE	6.76 6.76	2 LYCOMING TS10-541-F104	296	2750	2	HARTZELL PHC-F3YF-2UF/ FC7979B-2R	74	3 V	2750	178	81	82.1	-2.5	75.6	80.0	G-3

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLAES NOT EXCEEDING 12500 LBS

6/6/83

AIRCRAFT MAKE, MODEL POPULAR NAME	ENGINE		PROPELLER					NOISE LEVELS DB(A)								
	MTOW MLW LBS/ 1000	NUMBER AND TYPE	ENG SHP	FXH RPM	SYS	TYPE	NUM. OF BLADES	TEST DAY	TEST SPEED (KTS)	TEST TEMP (F)	NOISE PEAS	PERF CORR	FAR36 CORR LVL	REFERENCE		
BEECH B65-90 TAURUS	9.02 8.55	2 PRATT+WHITNEY PT6A-135	700	1900	4	HARTZELL HC-B3TN-2(B) T10173B-8	93	3 V	1900	233	63	76.2	-5.8	70.4	80.0	SW
BEECH B76 DUCHESS	3.90 3.90	2 LYCOMING O-360-A1G6D	165	2700	2	HARTZELL HC-M2YP-2CFU F/FC7666A	76	2 V	2700	160	70	80.2	-1.5	78.7	80.0	CE, C-2
BEECH B76 DUCHESS	3.98	2 LYCOMING O-360-A1G6D	165	2700	1	HARTZELL HC-M2YR-2CLU F/FC7666A	76	2 V	2700	160	70	79.5	-2.3	77.2	80.0	1-1,6-3
BEECH B77 SKIPPER	1.68 1.68	1 LYCOMING O-235-L2C	115	2700	6	SENENICH 72CK512-0-52	72	2 F	2700	104	68	65.1	-1.3	63.8	70.2	C-2
BEECH C23 SUNDOWNER	2.45 2.45	1 LYCOMING O-360-A4J	163	2700	2	SENENICH 76FM855-0-60	76	2 F	2700	117	64	73.3	-0.0	73.3	74.8	CE
BEECH C24R SIERRA	2.75 2.75	1 LYCOMING O-360-A1B6	202	2700	2	HARTZELL HC-M2YP-1BF/ FC7666A-2R	76	2 V	2700	137	69	73.0	-1.3	71.7	76.7	B-1, CE, C-2
BEECH C90 KING AIR C90	9.66 9.17	2 PRATT+WHITNEY PT6A-21	550	2200		HARTZELL HC-B3TN-2B/T 10173B-8	93	3 V	2200	231	81	78.7	-4.4	74.3	80.0	G-3
BEECH C99 AIRLINER	11.30 11.30	2 PRATT+WHITNEY PT6A-34	715	2200		HARTZELL HC-B3TN-3/T1 0173B-8	93	3 V	2200	241	80	79.3	-3.4	75.9	80.0	C-2
BEECH E55 BARON	5.30 5.30	2 TELEDYNE 10-520-C	254	2550	2	HARTZELL RHC-C2YF-2C/ FCR475-6	76	2 V	2550	191	75	82.0	-3.2	78.8	80.0	CE, C-2
BEECH E55 BARON	5.30 5.30	2 TELEDYNE 10-520-C	256	2650	2	HARTZELL PMC-J3Y-2F/F C7663-2R	76	3 V	2650	195	80	81.9	-3.2	78.7	80.0	CE, C-2
BEECH E90 KING AIR E90	10.10 9.70	2 PRATT+WHITNEY PT6A-24	550	2200		HARTZELL HC-B3TN-2B/T 10173B-8	93	3 V	2200	231	81	79.0	-4.6	75.0	80.0	G-3
BEECH F33 A/C BONANZA	3.40 3.40	1 TELEDYNE 10-520-PA	229	2550	5	MCCAULEY 2A36C23/PA B -R	84	2 V	2550	173	79	78.1	-1.5	76.6	80.0	CE

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AC 36-1C
Appendix 3

AIRCRAFT MAKE, MODEL POPULAR NAME	ENGINE		PROPELLER					NOISE LEVELS DB(A)							
	MTOW MLW LBS/ 1000	NUMBR AND TYPE	ENG SHP	EXH RPM	SYS	TYPE	NUM. OF BLADES	PITCH (F/V)	PROP RPM	TEST SPEED (KTS)	1ST DAY TEMP (F)	NOISE MEAS.	PERF CORR	FAR36 CORR LVL	REFERENCE LIMIT
BEECH F33 A/C BONANZA	3.40 3.40	1 TELEDYNE 10-520-B	260	2700	5	MCCAULEY 3A32C76/P2NB -2	80	3 V	2700	175	70	78.3	-1.4	76.9	80.0:CE,G-3
BEECH F90 SUPER KING AIR 90	10.95 10.95	2 PRATT+WHITNEY PT6A-135	754	1900	1	HARTZELL HC-B4TN-3B/T 10173FR-10.5	92	4 V	1900	246	55	77.9	-5.0	72.9	80.0:CE,C-2
BEECH V35B BONANZA	3.40 3.40	1 TELEDYNE 10-520-BA	228	2550	5	MCCAULEY 2A36C23/84B -1	84	2 V	2550	173	79	78.1	-1.5	76.6	80.0:CE,C-2
BEECH V35B BONANZA	3.40 3.40	1 TELEDYNE 10-520-B	260	2700	5	MCCAULEY 3A32C76/P2 N B-2	80	3 V	2700	175	70	78.8	-2.0	76.8	80.0:CE,G-3
BELLANCA 17-30A VIKING	3.20 3.20	1 CONTINENTAL 10-520-K	225	2550	8	MCCAULEY D3A34C401/90 DFA-12	78	3	2550	129	63	79.4	-1.9	77.5	79.4:GL
BELLANCA 7ECA CITABRIA	1.65 1.65	1 LYCOMING 0-235-K2C	115	2700	2	SENSENICH 74DM6SP-1-56	72	2 F	2700			71.5	-2.7	68.8	70.0:GL-2
BELLANCA 7GCAA CITABRIA	1.65 1.65	1 LYCOMING 0-320-A2B/-A2D	150	2700	2	SENSENICH 74DM6SP-1-56	73	2 F	2700			71.5	-4.7	66.9	70.0:GL-2
BELLANCA 7GCBC CITABRIA	1.65 1.65	1 LYCOMING 0-320-A2B/A2D	150	2700	2	SENSENICH 74DM6SP-1-56	73	2 F	2700	117	56	71.5	-4.6	66.9	70.0:GL-2
BELLANCA 75CBC SEAPLANE CITABRIA	1.80 1.80	1 LYCOMING 0-320	150	2700	2	MCCAULEY 1A175GMA/RL4 0	80	2 F	2500	89	68	68.4	1.9	70.3	70.0:GL-2
BELLANCA 8GCBC SCOUT	2.15 2.15	1 LYCOMING 0-360-C1A/-C1E	180	2700	2	HARTZELL HC-C2Y0-16F/ F7666A	76	2 F	2550			76.3	-3.4	72.9	73.0:GL-2
BELLANCA 8GCBC SCOUT	2.15 2.15	1 LYCOMING 0-360-C2A/-C2F	149	2700	2	MCCAULEY 1A203/HFA	80	2 F	2550	113	60	76.3	-3.5	72.8	73.0:GL-2
BELLANCA 8KCAR DECATLON	1.80 1.80	1 LYCOMING AE10-320-F1R	150	2700	2	HARTZELL HC-C2YL-4F/F C7667-4	72	2 V	2700			72.2	-2.2	70.0	70.9:GL-2

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

6/6/83

AIRCRAFT MAKE, MODEL POPULAR NAME	ENGINE			PROPELLER			NOISE LEVELS DB(A)								
	MTOW MLW LBS/1000	NUMBER AND TYPE	ENG RPM SYS	EXH TYPE	NUM. OF BLADES	TEST DAY	NOISE MEAS.	PERF CORR	CORR LVL	FAR36 LIMIT	REFERENCE				
BELLANCA PKCAB DECATHLON	1.80 1.80	1 LYCOMING AE10-360-H1A	190 2700	2	HARTZELL HC-C2YR-4CF/ FC7666A-2	74	2 V	2900	122	79	72.2	-5.0	67.2	70.9	6L-2
BELLANCA PKCAB DECATHLON	1.80 1.80	1 LYCOMING AE10-320-E2R	150 2700	2	SENSENICH 740M6SR-0	74	2 F	2800			72.2	-3.0	69.2	70.9	6L-2
BRITTEN-NORMAN BN2-A-6	6.30	2 LYCOMING D-540-	256		HARTZELL HC-C2YK-2CF/ FCR477A-9	75	2 V	2650	139	45	82.3	-3.7	78.6	80.0	I-0
BR. AEROSPACE JETSTREAM 31	14.60 14.60	2 AIRESEARCH TPE-331-100-501	900		DOOLY ROTOL R333/4-E2-F/ 12	106	4				74.4	-3.5	70.9	80.0	A-1
BUCKER (UMDAU) BU 131	1.48	1 LYCOMING A10-320-C1P	153		HOFFMANN HO-23 A-19B 125	74	2 F	2600	89	63	69.6	-6.2	64.6	68.9	I-0
CASA 1.131E S2000	1.50	1 ENHASA TIGRE G-IV-B	118		ENHASA HC 212.111	83	2 F	2070	116	66	67.0	0.0	67.0	69.6	I-0
CASA 1.131E S2000	1.50	1 LYCOMING AE10-360-B2F	170		HOFFMANN HO-27 HM-19P B	78	2 F	2500	105	68	71.4	-5.0	66.4	69.6	I-0
CASA SEAMIEP 1.131-E	1.50	1 TIGER ENHASA G-IV-A2	59		ENHASA HC-212-111	83	2 F	1850	92	66	71.4	-1.8	69.6	69.6	I-0
CESSNA A185F (AMPHIE) SKYWAGON	3.27 3.12	1 TCM IO-520-D	285 2700	P	MCCAULEY D3A34C413/P0 VA-0	80	3 V	2700	126	70	78.9	-1.2	77.7	79.8	CE,C-2
CESSNA A185F (FLAT) SKYWAGON	3.32 3.32	1 TCM IO-520-D-24	285 2700	P	MCCAULEY D3A32C097/E2N C-2	80	3 V	2700	126	70	78.9	-1.0	77.9	80.0	CE,G-2
CESSNA A185F (LAND) SKYWAGON	3.35 3.35	1 TCM IO-520-D	285 2700	P	MCCAULEY D3A34C413/P0 VA-0	80	3 V	2700	142	75	78.9	-1.0	77.9	80.0	CE,G-2+S-1
CESSNA A185P AG TRUCK	3.37 3.30	1 TCM IO-520-D	260 2700	P	MCCAULEY D3A32C409/E2 NDA-2	80	3 V	2700	117	62	77.3	-1.5	75.8	80.0	C-3

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AC 36-1C
Appendix 3

AIRCRAFT MAKE/MODEL POPULAR NAME	MTOW LBS/ 1000	ENGINE NUMBER AND TYPE	ENGINE			PROPELLER TYPE	NUM. OF BLADES (F/V)	PROP. RPM	TEST SPEED (KTS)	TEST DAY	NOISE LEVELS DB(A)				
			HP	RPM	SYST						DIAM. (IN)	TEMP (F)	NOISE MEAS.	PERF CORR	FAR36 CORR LVL
CESSNA P210N CENTURION (PRESS)	4.00 3.80	1 TCM TS10-520-P	285	2600	4	MCCAULEY D3A34C402/90 DFA-10	3	2600	174	63	77.1	-0.9	78.0	80.0	CE,6-2
CESSNA P337H PRESS SKYMASTER	4.70 4.45	2 TCM TS10-360-C	208	2600	4	MCCAULEY D2AF34C305/L 78CBA-2 (R)	2	2600	178	63	80.8	-1.1	79.7	80.0	CE,S-1
CESSNA P337H PRESS SKYMASTER	4.70 4.45	2 TCM TS10-360-C	208	2600	4	MCCAULEY D2AF34C308/90 DFA-12 (F)	2	2600	178	63	80.8	-1.1	79.7	80.0	CE,6-2
CESSNA R172K (LAND) HAWK XP	2.55 2.55	1 TCM TC-360-K	195	2600	4	MCCAULEY D2A34C203/900 CA-14	2	2600	127	61	74.7	-0.6	74.1	75.5	CE,6-2,S-1
CESSNA R172K (SEA) HAWK XP	2.55 2.55	1 TCM TC-360-K	195	2600	4	MCCAULEY D2A34C203/900 CA-10	2	2600	113	60	76.4	-1.4	75.0	75.5	CE,S-1
CESSNA R1P2 SKYLANE RG	3.10 3.10	1 LYCOMING D-540-J3C5D	235	2400	4	MCCAULEY B2D34C214/90 DHR-8	2	2400	146	66	72.7	-2.0	70.7	78.8	CE,S-1
CESSNA R1P2 SKYLANE RG	3.10 3.10	1 LYCOMING D-540-J3C5D	235	2400	4	MCCAULEY B3D32C407/P2 NDA-3	3	2400	152	66	70.3	-2.0	68.3	78.8	6-1,S-1
CESSNA T182 TURBOSKYLANE PC	3.10 3.10	1 LYCOMING D-540-L3C5D	235	2400	4	MCCAULEY B2D34C217/90 DHR-8	2	2400	143	72	73.8	-1.2	72.6	78.8	CE,6-2,S-1
CESSNA T182 TURBOSKYLANE PC	3.10 3.10	1 LYCOMING D-540-L3C5D	235	2400	4	MCCAULEY B3D32C407/P2 NDA-3	3	2400	155	66	70.6	-1.2	69.4	78.8	6-1,S-1
CESSNA TU206G TURBOSTATIONAIP	3.60 3.60	1 TCM TS10-520-M	285	2600	4	MCCAULEY D3A34C402/90 DFA-10	3	2600	145	71	78.5	-3.1	75.4	80.0	CE,S-1
CESSNA TU206G (AMPHIB) TURBOSTATIONAIP	3.60 3.60	1 TCM TS10-520-P	285	2600	4	MCCAULEY D3A34C402/90 DFA-10	3	2600	125	77	78.0	1.2	79.2	80.0	CE,S-1
CESSNA T182 TURBO SKYLANE	3.10 3.10	1 LYCOMING D-540-L3C5D	235	2400	4	MCCAULEY B2D34C219/90 DHR-8	2	2400	140	61	73.2	-0.7	72.5	78.8	6-1,S-1

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

6/6/83

AIRCRAFT MAKE, MODEL POPULAR NAME	KTOW MLV LRS/ 1000	ENGINE			PROPELLER			NOISE LEVELS DB(A)								
		NUMBER AND TYPE	ENG SHP	EXH RPM	SYS	TYPE	NUM. OF PLADES	TEST DAY	TEST SPEED	TEST TEMP	NOISE MEAS.	PERF CORR	CORR LVL	FAR36 LIMIT	REFERENCE	
CESSNA T182 TURBO SKYLANE	3.10 3.10	1 LYCOMING O-540-L3C5D	235	2400	4	MCCAULEY B3D32C407/82 MDA-3	79	3 V	2400	141	64	69.5	-0.7	68.8	78.8	G-1, S-1
CESSNA T207A TURBOSTATIONAIR	3.80 3.80	1 TCM TS10-520-G-1A	285	2600	4	MCCAULEY 3A32C401/900 FA-10	80	3 V	2600	140	74	77.9	-1.6	76.3	80.0	CE, G-2, S-1
CESSNA T210M TURBO CENTURION	3.80 3.80	1 TCM TS10-520-H-4A	285	2600	4	MCCAULEY D3A34C-102/9 DFA-10	80	3 V	2600	172	66	77.4	-1.6	75.8	80.0	G-3
CESSNA T210N TURBO CENTURION	4.00 3.80	1 TCM TS10-520-P	285	2600	4	MCCAULEY D3A34C402/90 DFA-10	80	3 V	2600	172	66	77.4	0.0	77.4	80.0	CE, G-2
CESSNA T303 CRUSADER	5.15 5.00	2 TCM TS10-520-AE	250	2400	4	MCCAULEY 3AF32C506/R2 NER-8	74	3 V	2400	176	75	76.5	-2.2	74.3	80.0	C-3
CESSNA T310R TURBO 310R	5.50 5.41	2 TCM TS10-520-BB	285	2700	4	MCCAULEY 3AF32C87/82M C-4	78	3 V	2700	185	62	80.9	-3.2	77.7	80.0	G-1, S-1
CESSNA T337h TURBO SKYMASTER	4.63 4.42	2 TCM TS10-360-H	195	2600	4	MCCAULEY D2AF34C305/L 78CBA-2 (R)	76	2 V	2600	165	72	79.4	-1.0	78.4	80.0	CE, G-2, S-1
CESSNA T337H TURBO SKYMASTER	4.63 4.40	2 TCM TS10-360-H	195	2600	4	MCCAULEY D2AF34C308/9 DDEA-12 (F)	78	2 V	2600	165	72	79.4	-1.0	78.4	80.0	CE, S-1
CESSNA U206G STATIONAIR	3.60 3.60	1 TCM IO-520-F	285	2700	4	MCCAULEY D3A34C404/R0 VA-0	80	3 V	2700	137	72	77.9	-0.4	77.5	80.0	CE, S-1
CESSNA U206G (LAND) STATIONAIR	3.60 3.60	1 TCM IC-520-F-9	285	2700	4	MCCAULEY D3A34C404/R0 VA-0	80	3 V	2700	144	70	79.8	-0.4	79.4	80.0	CE
CESSNA U206G (SEAPLANE) STATIONAIR	3.50 3.50	1 TCM IO-520-F	285	2700	4	MCCAULEY D3A34C404/R0 VA-0	80	3 V	2700	133	55	80.2	-0.6	79.4	80.0	G-1
CESSNA 152 MODEL 152	1.67 1.67	1 LYCOMING O-235-L2C	110	2550	4	MCCAULEY A102/TCM495 S	85	2 F	2550	101	55	65.8	-1.0	64.8	70.1	S-1

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

Page 8

AC 36-1C
Appendix 3

AIRCRAFT MAKE, MODEL POPULAR NAME	ENGINE			PROPELLER			NOISE LEVELS DB(A)									
	MTOW MLW LBS/ 1000	NUMBER AND TYPE	ENG SHP	TYPE	NUM. OF BLADES	TEST DAY	TEST SPEED (KTS)	TEST TEMP (F)	NOISE MEAS.	PERF CORR	FA36 CORR	FA36 LIMIT	REFERENCE			
			RPM	TYPE	DIAM. (IN)	PITCH (F/V)	PROP RPM									
CESSNA 152/A152 MODEL 152	1.67 1.67	1 LYCOMING D-235-L20	110	2550	F	MCCAULEY 1A103/TCM695 2	69	2 F	2550	104	68	66.7	-.4	66.3	76.1	CE,S-1
CESSNA 172N (LAND) SKYHAWK	2.30 2.30	1 LYCOMING D-320-H2AD	160	2700	F	MCCAULEY 1C160/DTM 75 57	75	2 F	2700	115	66	74.3	-.5	73.8	73.9	CE,S-1
CESSNA 172N (SEA) SKYHAWK	2.20 2.18	1 LYCOMING D-320-H2AD	160	2700	F	MCCAULEY 1A175/ETM604 2	80	2 F	2700	91	77	73.6	-1.4	72.2	73.5	CE,S-1
CESSNA 172P SKYHAWK	2.40 2.18	1 LYCOMING D-320-D25	160	2700	F	MCCAULEY 1C160/DTM755 7	75	2 F	2700	115	66	74.3	-.5	73.8	74.5	G-3
CESSNA 172RG SKYHAWK RG	2.65 2.65	1 LYCOMING D-360-F1A6	180	2700	F	MCCAULEY B2D34C220/80 VLA-3.5	76	2 V	2700	136	63	77.4	.5	73.9	76.1	CE,S-1
CESSNA 177B CARDINAL	2.50 2.50	1 LYCOMING 1C-360-A1F6D	180	2700	F	MCCAULEY B2D34C211/82 TCA-6	76	2 V	2700	124	70	72.0	-.3	71.7	75.2	CE,S-1
CESSNA 177RG CARDINAL RG	2.80 2.80	1 LYCOMING 10-360-A1E1D	200	2700	F	MCCAULEY B2D34C217/78 TCA-6	78	2 V	2700	139	66	76.3	-.7	75.6	77.0	CE,S-1
CESSNA 180K (AMPHIB) SKYWAGON	2.95 2.95	1 TCM D-470-U	230	2400	F	MCCAULEY D2A34C214/90 DCA-2	82	2 V	2400	123	72	74.0	-2.2	71.8	77.8	CE,G-2,S-1
CESSNA 180K (LAND) SKYWAGON	2.80 2.80	1 TCM D-470-U	230	2400	F	MCCAULEY D2A34C214/90 DCP-0	80	2 V	2400	140	64	73.0	-3.0	70.0	77.6	CE,G-2,S-1
CESSNA 1820 SKYLANE	2.95 2.95	1 TCM D-470-U	230	2400	F	MCCAULEY D2A34C213/90 DCA-8	82	2 V	2400	138	63	72.0	-2.9	69.1	77.9	CE,G-2,S-1
CESSNA 182R SKYLANE	3.10 2.95	1 TCM D-470-V	230	2400	F	MCCAULEY D2A34C213/90 DCA-8	82	2 V	2400	139	63	72.0	-2.9	69.1	77.8	G-3
CESSNA 237A STATION AIR	3.60 3.60	1 TCM 1C-520-F	275	2700	F	MCCAULEY D3A32C404/80 VA-0	80	3 V	2700	130	76	75.0	.4	74.8	80.0	CE,S-1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

6/6/83

AIRCRAFT MAKE+MODEL POPULAR NAME	ENGINE		PROPELLER						NOISE LEVELS DB(A)						
	M/TOW LBS/ 1000	NUMBER AND TYPE	SHF	ENG RPM	EXP SYS	TYPE	NUM. OF BLADES	DIAM. (IN)	PITCH (F/V)	PROP RPM	TEST SPEED (KTS)	TEST DAY	NOISE TEMP (F)	PERF CORR LVL	FAR36 CORR LIMIT
CESSNA 207A SKYWAGON	3.80 3.80	1 IC-520-F	285	2700	P	MCCAULEY D3A32C90/82N C-2	60	3 V	2700	138	67	77.8	-1.77.7	80.0	A-1,S-1
CESSNA 210M CENTURION	3.80 3.80	1 IO-520-L-3A	285	2700	P	MCCAULEY D3A34C404/P0 VA-0	60	3 V	2700	163	76	79.6	.3.79.9	80.0	G-3
CESSNA 210N CENTURION	3.80 3.80	1 IO-520-L-3A	285	2700	P	MCCAULEY D3A34C404/80 VA-0	60	3 V	2700	163	76	79.6	0.0.79.6	80.0	CE,G-2
CESSNA 310R MODEL 310R	5.50 5.41	2 IO-520-M	285	2700	P	MCCAULEY 3AF32C87/82N C-5.5	77	3 V	2700	184	61	82.0	-2.9.79.1	80.0	G-1,S-1
CESSNA 335 MODEL 335	5.99 5.99	2 TS10-520-EB	300	2700	4	MCCAULEY 3AF32C97/82N C-5.5	77	3 V	2700	182	64	79.6	-1.5.78.1	80.0	G-1,S-1
CESSNA 337H SKYMASTER	4.63 4.41	2 TS10-360-C	195	2600	P	MCCAULEY D2AF34C307/L 7CCBA-2 (R)	76	2 V	2600	149	77	78.6	1.3.79.9	80.0	CE,S-1
CESSNA 337H SKYMASTER	4.63 4.41	2 TS10-360-C	195	2600	P	MCCAULEY D2AF34C310/9 0DEA-12 (F)	78	2 V	2600	149	77	78.6	1.3.79.9	80.0	CE,S-1
CESSNA 340A MODEL 340A	5.99 5.99	2 TS10-520-N	310	2700	4	MCCAULEY 3AF32C93/82N C-5.5	76	3 V	2700	200	53	82.7	-3.3.79.4	80.0	G-1,S-1
CESSNA 340A MODEL 340A	5.99 5.99	2 TS10-520-N	310	2700	3	MCCAULEY 3AF32C93/82N C-5.5	77	3 V	2700	195	53	83.4	-3.7.79.7	80.0	S-1
CESSNA 402B BUSINESS LINER	6.85 6.85	2 TS10-520-E	300	2700	3	MCCAULEY 3AF32C87N/R2 NC-5.5	76	3 V	2700	181	82	81.6	-2.8.78.8	80.0	S-1
CESSNA 402C BUSINESS LINER	6.85 6.85	2 TS10-520-UP	325	2700	4	MCCAULEY 3AF32C92N/R2 NC-6.5	76	3 V	2700	182	71	80.8	-2.2.78.6	80.0	S-1
CESSNA 402C BUSINESS LINER	6.85 6.85	2 TS10-520-VP	310	2600	4	MCCAULEY 3AF32C93/R2N C-5.5	77	3 V	2600	190	65	77.2	-2.1.75.1	80.0	CE,S-1

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AC 36-1C
Appendix 3

Page 10

AIRCRAFT MAKE, MODEL POPULAR NAME	MTOW MLV LRS/ 1000	ENGINE NUMBER AND TYPE	ENGINE			PROPELLER TYPE	PROPELLER			NOISE LEVELS DB(A)						
			SHF	RPM	EXH SYS		DIAM. (IN)	NUM. OF BLADES (F/V)	PROP REF	TEST SPEED (KTS)	TEST DAY	TEMP (F)	NOISE MEAS.	PERF CORR	CORR LVL	FAR36 LIMIT
CESSNA 404 TITAN	8.40 8.09	2 TSM	375	3350	4	MCCAULEY 3FF32C501/90 UMB-0	50	3 V	3350	185	69	81.6	-2.7	78.9	80.0	G-1,S-1
CESSNA 414A CHANCELLOR	6.75 6.75	2 TSM	298	2600	4	MCCAULEY 3AF32C93/E2M C-5.5	77	3 V	2600	181	56	79.1	-2.5	76.6	80.0	G-1,S-1
CESSNA 421C GOLDEN EAGLE	7.45 7.21	2 TSM	375	3350	4	MCCAULEY 3FF32C501/90 UMB-0	50	3 V	3350	196	67	80.3	-3.6	76.7	80.0	G-1,S-1
CESSNA 425 CONQUEST I	8.20 8.00	2 PRATT+WHITNEY PT6A-112	450	1900	4	HARTZELL HC-P3TN-3C/T 101786-8P	53	3 V	1900	210	56	75.7	-4.3	71.4	80.0	G-1,S-1
CESSNA 425 CONQUEST I	8.60 8.00	2 PRATT+WHITNEY PT6A-112	450	1900	4	HARTZELL HC-B3TN-3C/T 101786-8R	53	3 V	1900	210	56	75.7	-3.4	72.3	80.0	C
CESSNA 425 CONQUEST I	8.20 8.00	2 PRATT+WHITNEY PT6A-112	450	1900	4	MCCAULEY 36FR34C701/9 3KB-1	53	3 V	1900	210	56	75.7	-4.3	71.4	80.0	C-3
CESSNA 441 CONQUEST II	9.85 9.36	2 AIRSEARCH TFE-331-P-401S	636	1990	4	HARTZELL HC-B3TN-5F/T 10178-11	50	3 V	1990	210	70	78.0	-4.0	74.0	80.0	G-2,S-1
CESSNA 441 CONQUEST II	9.85 9.36	2 AIRSEARCH TFE-331-P-401S	636	1990	4	MCCAULEY 36FR34C61/9 3JA	50	3 V	1990	210	70	78.0	-4.0	74.0	80.0	C-3
CURTISS-WRIGHT TRAVEL AIR 4000	2.45 2.45	1 LYCOMING R-680L3E	225	2850	2	HAMILTON STD 2P26/6135A	102	2 F	2050	130	74	75.2	-1.6	73.6	74.6	GL
DEHAVILLAND DH6-300	11.57 12.35	2 PRATT+WHITNEY PT6A-27	620	2112	4	HARTZELL HC-P3TN-3D	100	3 V	2112	167	84	82.3	-4.9	77.4	80.0	I-4
DORNIER DR-280-D	9.55	2 PRATT+WHITNEY PT6A-112	399		4	HARTZELL HC-P-3TN-3C	100	3 V	1900	147	61	70.8	-5.0	65.8	80.0	I-0
EMBRAER EMB-110 PANDORA	12.45 12.02	2 PRATT+WHITNEY PT6A-34	750	2200	4	HARTZELL HC-P3TN-3C/T 101786-8P	57	3 V	2000	217	70	78.7	1.4	77.3	80.0	S0

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

6/6/83

AIRCRAFT MAKE, MODEL POPULAR NAME	MTOW MLW LBS/ 1000	ENGINE NUMBER AND TYPE	ENGINE				PROPELLER TYPE	PROPELLER				NOISE LEVELS DB(A)				
			SHP	ENG RPM	EXH SYS			NUM. OF BLADES	TEST DIAF. (IN)	PITCH (F/V)	PROP RPM	SPEED (KTS)	TEMP (F)	NOISE MEAS.	PERF CORR	FAR36 CORR LVL
FUJI HEAVY IND. FA-200-1R0	2.54	1 LYCOMING 10-360-R1B	180			MCCAULEY B2034-C53/74 E-0	74	2 V	2670	118	77	73.1	.5	73.6	75.3	I-0
FUJI HVY. IND. 700	6.75 6.60	2 LYCOMING T10-540-R2AD	340	2500	4	HARTZELL HC-E3YP-2ATF FC8468-5R	79	3 V	2500	190	54	80.8	-3.2	77.6	80.0	PC
FUJI HVY. IND. 710	8.30 8.30	2 LYCOMING T10-541-D1B	450	2133	4	HARTZELL HC-C3YN-2LDU F/FJC-96A4-3R	93	3	2133	201	70	82.7	-3.3	79.3	80.0	PC
GREAT LAKES AIR 2T-1A-2 0	1.80	1 LYCOMING A10-360-B1G6	177			HARTZELL HC-C2YK-4BF	74	2 V	2700	91	72	74.4	-5.0	69.4	70.9	I-0
GULFSTREAM AMER AA-1A TRAINER	1.52	1 LYCOMING 0-235-C2C	108	2500		MC CAULEY SCM1A105/715 4	71	2 F	2500	105	36	68.3	.3	68.6	69.2	I-5
GULFSTREAM AMER AA-1B T-CAT	1.54 1.54	1 LYCOMING 0-235-C2C	108	2600	7	MCCAULEY SCM1A105/715 4	71	2 F	2600	109	77	66.7	1.1	67.8	69.3	S0
GULFSTREAM AMER AA-1B T-CAT	1.54 1.54	1 LYCOMING 0-235-C2C	108	2600	7	MCCAULEY SCM1A105/715 7	71	2 F	2600	109	75	66.3	.6	66.8	69.3	S0
GULFSTREAM AMER AA-1C T-CAT	1.57 1.57	1 LYCOMING 0-235-L2C	115	2700	7	SENSENICH 72CK-0-56	71	2 F	2700	111	74	68.3	.5	68.8	69.5	S0
GULFSTREAM AMER AA-5A CHEETAH	2.20	1 LYCOMING 0-320-E2F	150	2600		MC CAULEY 1C172/BT4735 9	73	2 F	2680	113	48	73.3	-.6	72.7	73.3	I-5
GULFSTREAM AMER GA-7 COUGAR	3.76 3.78	2 LYCOMING 0-320-D1D	169	2700		HARTZELL F2YL-2VFFC76 K3D-3	73	2 V	2700	160	85	74.2	-2.2	72.0	80.0	S0
GULFSTREAM AMER 112B COMMANDER	2.80 2.80	1 AVCO LYCOMING 10-360-C106	200	2700	3	HARTZELL HC-E2YR-1BF/ F8467-7R	77	2 V	2700	133	66	75.1	-.5	74.6	77.0	SW
GULFSTREAM AMER 112C COMMANDER	2.85 2.76	1 AVCO LYCOMING 10-360-C1A6	210	2575	4	HARTZELL HC-E2YR-1BF/ F9467-7R	77	2 V	2575	145	63	76.1	-1.3	74.8	77.2	SW, SW-1

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AIRCRAFT MAKE, MODEL POPULAR NAME	MTOW LBS/ 1000	ENGINE NUMBER AND TYPE	PROPELLER			NOISE LEVELS DB(A)										
			TYPE	DIA. (IN)	NUM. OF BLADES (F/V)	TEST SPEED (KTS)	TEST DAY	TEMP (F)	NOISE MEAS.	PERF CORR	FAR3E LVL	REFERENCE				
GULFSTREAM AMER 112TCA COMMANDER	2.95	1 AVCO LYCOMING TC-360-C1AF	210	2575	4	HARTZELL HC-C2YR-1PF/ FR467-7P	77	2 V	2575	145	63	76.1	-1.3	74.8	77.9	SW, SW-1
GULFSTREAM AMER 114 COMMANDER	3.14	1 AVCO LYCOMING 1L-540-T4ASD	260	2700	3	HARTZELL HC-C2YR-1BF/ FR467-7R	77	2 V	2700	150	63	79.7	-1.2	78.5	79.0	SW
GULFSTREAM AMER 114A COMMANDER	3.25	1 AVCO LYCOMING 1L-540-T4550	260	2700	3	MCCABLEY B3D34C485/90 DFA-13	77	3 V	2700	150	63	79.7	-1.2	78.5	79.7	SW, SW-1
GULFSTREAM AMER 690 TURBOCOMMANDER	10.25	2 AIRESEARCH TFE331-5-251K	700	1591	4	HARTZELL HC-B3TN-5FLL T1028H+4	100	3 V	1591	243	84	76.4	-5.2	71.2	80.0	G-3
GULFSTREAM AMER 690A TURBOCOMMANDER	10.25	2 AIRESEARCH TFE331-5-251K	700	1591	4	HARTZELL HC-B3TN-5FLL T1028H+4	100	3 V	1591	243	84	76.4	-5.2	71.2	80.0	G-3
GULFSTREAM AMER 690B TURBOCOMMANDER	10.32	2 AIRESEARCH TFE331-5-251K	700	1591	4	HARTZELL HC-B3TN-5FLL T1028H+4	100	3 V	1591	243	84	76.4	-5.2	71.2	80.0	G-3
GULFSTREAM AMER 690C 840	10.32	2 AIRESEARCH TFE331-5-251K	700	1591	4	DOWTY ROTOL (C)R306/3-92 -F/7(C)VP2926	100	3 V	1591	243	84	76.4	-5.2	71.2	80.0	G-3
GULFSTREAM AMER 690D (900)	10.70	2 AIRESEARCH TFE331-5-251K	737	2730	4	DOWTY ROTOL (C)R306/3-92 -F/7(C)VP2926	100	3 V	1591	245	84	76.4	-5.9	71.5	80.0	SW-2
GULFSTREAM AMER 695 (980)	10.32	2 AIRESEARCH TFE331-10-501K	700	1591	4	DOWTY ROTOL (C)R306/3-92 -F/7(C)VP2926	100	3 V	1591	243	84	76.4	-5.1	71.3	80.0	G-3
GULFSTREAM AMER 695A (1000)	11.20	2 AIRESEARCH TFE-331-10-501K	700	1591	4	DOWTY ROTOL (C)R306/3-92 -F/7(C)VP2926	100	3 V	1591	252		71.8	0.0	71.8	80.0	G-3
GULFSTREAM AMER 730 COMMANDER	6.95	2 AVCO LYCOMING 1L-540-R2AD	340	2500	4	HARTZELL HC-F3YR-2AFT FR467-7R	76	3 V	2500	175	64	77.8	-2.4	75.4	80.0	SW
LEICHTFLUG-TECH LFU-205	2.45	1 LYCOMING 1L-340-A1C	197			HARTZELL HC-C2YK-1E/F 7655A-2	74	2 V	2680	147	43	72.9	.1	73.0	76.0	I-0

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AIRCRAFT MAKE & MODEL POPULAR NAME	ENGINE			PROPELLER			NOISE LEVELS DB(A)					
	WTOW MLV LBS/ 1000	NUMBR AND TYPE	ENG RPM SYS	DIAM. (IN)	NUM. OF BLADES (F/V)	PROP RPM	TEST DAY	TEST SPEED (KTS)	TEST TEMP (F)	NOISE MEAS.	PERF CORR	FAR36 LVL
LET KONVICE BLANIK-L-13M	1.28	1 VK VW 1500-FR	50	51	2 F	3600	83	46	59.5	0.0	59.5	68.0:1-0
MAULE M-5-180C/-190TC	2.30	1 LYCOMING O-360-C1F	175:2700	3	2 V	2700		68	72.3	0.0	72.3	73.9:50-2
MAULE M-5-290	2.30	1 LYCOMING O-360-J1A60	190:2600	3	2 V	2600	135	73	73.3	0.0	73.3	80.6:50-2
MAULE M-5-210TC LUNAR ROCKET	2.30	1 LYCOMING O-360-C1A-60	210:2575	3	2 V	2575		32	74.6	-1.0	73.6	73.9:50-1
MAULE M-5-235	2.75	1 LYCOMING O-540-J1A50	235:2400	3	2 V	2400	140	72	74.7	.9	75.6	76.7:50-2
MAULE M-5-235C LUNAR ROCKET	2.30	1 LYCOMING O-540-J1A50/-V1	235:2400	3	2 V			32	72.6	-5.0	67.6	73.9:50-A-1
MAULE M-6-180	2.30	1 LYCOMING O-360-C1F	175:2600	3	2 V	2600	90		70.9	.9	71.7	73.9:50-2
MAULE M-6-235	2.30	1 LYCOMING O-540-J1A50/-V1	235:2400	3	2 V	2400		66	72.6	-5.0	67.6	73.9:50-2
MBR BO-20P JUNIOR	1.35	1 CONTINENTAL O-200-A	69	67	2 F	2750	110	61	67.5	-1.0	66.5	68.4:1-0
MBR BO-20P JUNIOR	1.30	1 CONTINENTAL O-200-A	69	69	2 F	2750	105	59	66.9	0.0	66.9	68.4:1-0
MBR BO-20P JUNIOR	1.35	1 CONTINENTAL O-200-A	69	69	2 F	2750	106	75	67.3	0.0	67.3	68.4:1-0
MBR BO-20P MONSIEUR	1.81	1 LYCOMING O-360-E1F	147	70	2 V	2700	120	77	70.7	-1.6	69.1	70.9:1-0

6/6/83

AC 36-1C
Appendix 3

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANE NOT EXCEEDING 12500 LBS

AC 36-1C
Appendix 3

AIRCRAFT MAKE, MODEL POPULAR NAME	MTCW HLW LBS/ 1000	NUMBER AND TYPE	ENGINE			PROPELLER			NOISE LEVELS DB(A)							
			ENG SHP	EXH RPM	SYS	TYPE	DIAM. (IN)	NUM. OF BLADES (F/V)	PROP RPM	SPEED (KTS)	TEST DAY	1FST TEMP (F)	NOISE MEAS.	PERF CORR	FAR36 LVL	REFERENCE
MBB B0-209 MONSUN	1.81	1 LYCOMING 10-320-D1A	157			HARTZELL HC-C2YL-1B/7 663-SP	76	2 V	2700	127	72	70.8	-3.2	67.6	70.9	I-0
MBB B0-209-FF MONSUN	1.81	1 LYCOMING 10-320-E2F	147			MCCAULY 1C-172MGH70- 5-66	70	2 F	2680	126	68	70.6	-0.9	69.7	70.9	I-0
MBB SIAT 223	2.31	1 LYCOMING 10-360-C106	197			HARTZELL HC-C2YK-1BF	76	2 V	2700	111	54	72.8	0.0	72.8	74.0	I-0
MITSUBISHI MU-2B-40	10.47 9.96	2 AI RESEARCH TPE331-10-501	665	4173	4	HARTZELL HC-B4TN-5DL7 LT102P2HB-5.3R	98	4 V	1591	250	66	77.4	-2.9	74.8	80.0	SW-2
MITSUBISHI MU-2B-60	11.54 11.60	2 AI RESEARCH TPE331-10-501M	715	4273	4	HARTZELL HC-B4TN-5DL7 LT102P2HR-5.3R	96	4 V	1591	250	63	77.7	-1.4	76.5	80.0	SW-2
MOONEY M20J 201	2.74 2.74	1 LYCOMING 10-360-A3B60	192	2700		MCCAULEY 82034C212/78 CDA-4	74	2 V	2700	178	75	75.3	-1.3	74.0	76.6	SW-2
MOONEY AIRCRAFT M20K MOONEY 231	2.90 2.39	1 TFLEDYNE TSIJ-360-681	210	2700	4	MCCAULEY 2A34C216/90 HR-16E	74	2 V	2700	198	70	76.6	-1.1	75.4	77.6	SW
MORANE SAULNIER MS-865	1.87	1 CONTINENTAL 10-700-A	145			MCCAULY 1C-172MM-76 52	76	2 F	2400	96	54	71.3	-0.3	70.3	71.3	I-0
MORAVAN CSSP ZLIN 43	2.98	1 MORAVAN M337A	168			AVIA-PRAHA V5C0A	79	2 V	2600	104	82	71.7	1.4	73.1	78.0	I-0
MUDRY CAAREP CAP 10 -	1.83	1 LYCOMING 10-360-P2F	241	2700		HOFFMANN MO 29 HM 801 70	71	2 F	2700		32	67.0	0.0	67.0	71.1	I-1
PARTENAVIA P 6R P VICTOR	4.32	2 LYCOMING 10-360-A1B4	200	2700		HARTZELL HC-C2YK-2CF7 FC7666A-4	72	2 V	2680		37	79.6	-5.0	74.6	80.7	I-0
PILATUS PRITTFELT BY 2A-2 ISLANDER	6.31	2 LYCOMING 10-540-K1B5	300	2500	0	HARTZELL HC-C2YK-2CF7 FC8477A-4	80	2 V	2500	147	46	80.7	-5.0	75.7	90.0	I-5

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

6/6/83

AIRCRAFT MAKE, MODEL POPULAR NAME	ENGINE				PROPELLER				NOISE LEVELS DB(A)						
	MTOW MLW LBS/ 1000	NUMBER AND TYPE	ENG SNP	EXH RPM	SYS SYS	TYPE	DIAM. (IN)	NUM. OF BLADES, PITCH (F/V)	PROP RPM	TEST SPEED (KTS)	TEST DAY (F)	NOISE MEAS.	PERF CORR	FAR36 LVL	REFERENCE
PILATUS BRITTON BN2A MIII-2 TRISLANDER	9.50	3 LYCOMING O-540-EAC5	260	2500	6	HARTZELL HC-C2YK-CUF/ FC8477A-6	78	2 V	2500	151	41	79.4	-2.0	77.4	80.0 I-5
PILATUS BRITTON BN2A MIII-2 TRISLANDER	9.50	3 LYCOMING O-540-EAC5	260	2500	6	HARTZELL HC-C2YK-2CUF/ FC8477A-4	80	2 V	2500	152	41	80.0	-2.0	78.0	80.0 I-5
PILATUS BRITTON BN2A MKIII-3 TRISLANDER	10.01	3 LYCOMING O-540-EAC5	260	2500	6	HARTZELL HC-C2YK-2WF/ FC8477A-4	80	2 V	2500	152	41	80.0	-.9	79.1	80.0 I-5
PILATUS BRITTON BN2A MK. III-3 TRISLANDER	10.01	3 LYCOMING O-540-E4C5	260	2500	6	HARTZELL HC-C2YK-2CUF/ FC8477A-6	78	2 V	2500	151	41	79.4	-.9	78.5	80.0 I-5
PILATUS BRITTON BN2A-2 ISLANDER	6.31	2 LYCOMING O-540-K1B5	300	2500	6	HARTZELL HC-C2YK-2CF/ FC8477A-6	78	2 V	2500	146	46	77.9	-5.0	72.9	80.0 I-5
PILATUS BRITTON BN2A-21 TRISLANDER	6.59	2 LYCOMING O-540-K1B5	300	2500	6	HARTZELL HC-C2YK-2CF/ FC8477A-4	80	2 V	2500	147	46	80.7	-4.0	76.7	80.0 I-5
PILATUS BRITTON BN2A-21 TRISLANDER	6.59	2 LYCOMING O-540-K1B5	300	2500	6	HARTZELL HC-C2YK-2CF/ FC8477-6	78	2 V	2500		32	77.9	-4.0	73.9	80.0 I-5
PILATUS BRITTON BN-2T NORMAN ISLANDER	6.59	2 ALLISON 250-B17C	320		4	HARTZELL HC-C3YF-5/FC 2475-6	80	3 V	2030	146	52	72.3	-4.1	68.2	80.0 I-5
PILATUS-PORTER PC-6C1-W2/PC-6T	4.85	1 AIRESEARCH TPE331-1-100	576			HARTZELL HC-B3TN-5C/T 10178C/-CH	102	3 V	2000	102	70	74.6	-5.0	69.6	80.0 I-0
PIPER PA-18-150 SUPER CUB	1.75	1 LYCOMING O-320-A2B	150	2700	7	SENSENICH P74DM6-0-56	74	2 F	2700	120	74	69.0	-3.1	65.9	70.6 EA,P-1
PIPER PA-23T-250 AZTEC F	5.20	2 LYCOMING O-540-C1A	250	2575	4	HARTZELL HC-E2YR-2846 5-7R	77	2 V	2575	178	77	77.0	-.8	76.2	80.0 EA,P-1
PIPER PA-23-250 AZTEC F	5.20	2 LYCOMING O-540-C4B5	250	2575	6	HARTZELL HC-E2YR-2846 5-7R	77	2 V	2575	178	79	76.8	-1.1	75.7	80.0 EA,P-1

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AC 36-1C
Appendix 3

AIRCRAFT MAKE & MODEL POPULAR NAME	ENGINE		PROPELLER					NOISE LEVELS DB(A)								
	MTOW MLV LBS/ 1000	NUMBER AND TYPE	ENG SHP	EXH RPM	EXH SYS	TYPE	NUM. OF BLADES	TEST DAY	TEST SPEED (KTS)	TEST TEMP (F)	NOISE MEAS.	PERF CORR	FAR36 CORR LVL	REFERENCE		
PIPER PA-28RT-201 ARROW IV	2.75	1 LYCOMING IO-360-C106	200	2700	5	MCCAULEY B2034213/900 MA-16	74	2 V	2700	138	83	74.4	1.1	75.5	76.7	S0,P-1
PIPER PA-28RT-201T TURBO ARROW IV	2.90	1 CONTINENTAL TS10-360-F	200	2575	2	HARTZELL PHC-C2YF-1F/ F8459A-RR	76	2 V	2575	146	82	69.1	.3	69.4	77.6	S0,P-1
PIPER PA-28RT-201T TURBO ARROW IV	2.90	1 CONTINENTAL TS10-360-F	200	2575	4	HARTZELL PHC-C3YF-1F/ F7663-2R	76	3 V	2575	146	84	72.5	.3	72.8	77.6	S0,P-1
PIPER PA-28P-200 ARROW II	2.65	1 LYCOMING IO-360-C10	200	2700		SENSENICH	74	2 V	2700	184	83	75.5	0.0	75.5	76.1	S0
PIPER PA-28R-201T TURBO ARROW II	2.90	1 LYCOMING TS10-360-FD	200	2575	2	HARTZELL PHC-C3YF-1F/ 7663-2R	76	2 V	2575	144	76	69.1	.5	69.6	77.6	S0
PIPER PA-28-150 -	2.16	1 LYCOMING O-320-E2A		2700		SENSENICH M74-DM-5P	74	2 F	2700	103	36	70.6	.9	71.5	73.1	I-5
PIPER PA-28-161 WARRIOR II	2.33	1 LYCOMING O-320-D30	160	2700	5	SENSENICH 74DM6-0-60	74	2 F	2700	115	78	71.4	.6	72.0	74.1	S0,P-1
PIPER PA-28-181 ARCHER II	2.55	1 LYCOMING O-360-44M	190	2700	5	SENSENICH 76EM855-062	76	2 F	2700	129	82	73.4	.5	73.9	75.5	S0,P-1
PIPER PA-28-236 DAKOTA	3.00	1 LYCOMING O-540-J3A5D	235	2400	5	HARTZELL HC-F2YR-1F/F/ 9468A-4R	80	2 V	2400	148	72	72.5	.4	72.9	78.2	S0,P-1
PIPER PA-31 NAVAJO	6.50	2 LYCOMING T10-E40-2AC	275	2400	4	HARTZELL HC-E3YR-2ATF/ FC846R-6P	80	3 V	2400	186	75	77.0	-1.6	75.4	80.0	P-1
PIPER PA-31P COMANCHEP	7.60	2 PRATT+WHITNEY PT6A-135	620	3810	4	HARTZELL HC-B3TN-3C/T/ 10178-8R	83	3 V	1900	215	42	76.5	6.7	71.5	80.0	SW-2
PIPER PA-31T CHEYENNE II	9.00	2 PRATT+WHITNEY PT6A-2P	620	3810	4	HARTZELL HC-B3TN-3B/T/ -10173B-P	83	3 V	2000	231	79	79.2	-5.0	74.2	80.0	EA

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

6/6/83

AIRCRAFT MAKE, MODEL POPULAR NAME	MTOW MLW LBS/ 1000	ENGINE			PROPELLER			NOISE LEVELS DB(A)								
		NUMBER AND TYPE	ENG SHP	EXH RPM	SYS	TYPE	NUM. OF BLADES	TEST DIAF. (IN)	TEST PITCH (F/V)	TEST PROP RPM	TEST SPEED (KTS)	TEST TEMP (F)	NOISE PEAS	PERF CORR	FAR36 LVL	REFERENCE
PIPER PA-31T1 CHEYENNE II	8.70 8.70	2 P+W CANADA PT6A-11	455	3810	4	HARTZELL HC-B3TN-3B/T -10173B-8	53	3 V	2000	206	76	76.6	-1.6	75.0	80.0	EA, E-1, P-1
PIPER PA-31T2 CHEYENNE II XL	9.47	2 PRATT+WHITNEY PT6A-135	420	3610	4	HARTZELL HC-B3TN-3B/T -10173B-8	53	3 V	1900	231	79	79.2	-2.1	77.1	80.0	P-1
PIPER PA-31T3 T-1040	9.00	2 PRATT+WHITNEY PT6A-11	455	3810	1	HARTZELL HC-B3TN-3B/T -10173K-8R	53	3 V	2200	214	76	76.6	-1.0	75.6	80.0	WE
PIPER PA-31T-62 CHEYENNE II	8.97 8.97	2 PRATT+WHITNEY PT6A-2R	620	3810	4	HARTZELL HC-BTN-3B	53	3 V	2000	231	79	78.2	-4.0	74.2	80.0	SO
PIPER PA-31-325 NAVAJO C/K	6.50 6.50	2 LYCOMING T19-540-F28D	275	2400	4	HARTZELL HC-E3YR-2ATF FCR468-6P	60	3 V	2400		32	78.0	-1.1	76.9	80.0	P-1
PIPER PA-31-350 CHIEFTAIN	7.01 7.01	2 LYCOMING T10-540-J28D	315	2400	4	HARTZELL HC-E3YR-2ATF FC6466-6P	60	3 V	2400	175	66	78.0	.9	78.9	80.0	P-1
PIPER PA-32PT-300 TURBO LANCE II		1 LYCOMING T10-540-S1AD	300	2700		HARTZELL HC-E2YR-1BF FR477-4	60	2	2400			75.4	0.0	75.4	80.0	SO
PIPER PA-32P-301 SARATOGA SP	3.59 3.59	1 LYCOMING T10-540-K165D	294	2600	5	HARTZELL HC-C2YR-1C F/F8475D-4	61	2 V	2600	152	79	77.3	.3	77.6	80.0	P-1
PIPER PA-32P-301 SARATOGA SP	3.59 3.59	1 LYCOMING T10-540-K165D	300	2700	5	HARTZELL HC-C3YR-1C F/F7663R-0	76	3 V	2700	152	82	78.1	.3	78.4	80.0	P-1
PIPER PA-32R-301T TURBO SARATOGA	3.59 3.59	1 LYCOMING T10-540-SA1D	294	2575	4	HARTZELL HC-F2YR-1C F/F8477-4	60	2 V	2575	158	82	75.7	.4	76.1	80.0	P-1
PIPER PA-32-300 CHEROKEE SIX	3.40 3.40	1 LYCOMING T10-540-K1A5	300	2700		HARTZELL HC-C2YR-1C F/F8475D-4	60	2 V	2700	91	77	80.5	-1.2	79.3	80.0	SO, A-1
PIPER PA-32-301 SARATOGA	3.59 3.59	1 LYCOMING T10-540-K165D	294	2600	5	HARTZELL HC-C2YR-1C F/F8475D-4	61	2 V	2600	152	82	77.3	-.6	76.7	80.0	P-1

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AC 36-1C
Appendix 3

AIRCRAFT MAKE, MODEL POPULAR NAME	ENGINE			PROPELLER				NOISE LEVELS DB(A)							
	MTGW MLW LBS/1000	NUMBER AND TYPE	ENG RPM	EXH SYS	DIAM. (IN)	NUM. OF BLADES (F/V)	PROP RPM	TEST SPEED (KTS)	TEST DAY (F)	NOISE MEAS.	PERF CORR	CORR LVL	FAR36 LIMIT	REFERENCE	
					TYPE										
PIPER PA-32-301 SARATOGA	3.59 3.59	1 LYCOMING I6-540-K165	300 2700	5	HARTZELL HC-C3YR-1 () F/F7663R-0	78	3 V	2700	152	82	78.1	-0.6	77.5	80.0	P-1
PIPER PA-32-301T TURBO SARATOGA	3.59 3.59	1 LYCOMING TI0-540-SIAD	294 2575	4	HARTZELL HC-E2YR-1 () F/F8477-4	60	2 V	2575	158	82	75.7	-1.3	74.4	80.0	P-1
PIPER PA-32-301T TURBO SARATOGA	3.59 3.59	1 LYCOMING TI0-540-SIAD	300 2700	4	HARTZELL HC-E3YR-1 () F/F7673DR	78	3 V	2700	158	82	76.1	-1.3	74.8	80.0	P-1
PIPER PA-34-200T SENECA II	4.57 4.33	2 LYCOMING TS10-360-E	200 2575	4	HARTZELL FC8459-8R/FJ C8459-8R	76	2 V	2575	170	75	75.7	-2.2	73.5	80.0	S0
PIPER PA-34-200T SENECA II	4.57 4.33	2 TELEDYNE TS10-360-E/EB	200 2575	4	MCCAULEY PCHA-4/LA0HA -4	76	3 V	2575	169	82	78.6	-2.2	76.4	80.0	S0
PIPER PA-34-22CT SENECA III	4.74 4.52	2 CONTINENTAL TS10-360-KB	200 2600	4	HARTZELL BHC-C2YF-2CK UF/FCC8459-8R	76	2 V	2600	176	59	74.2	-2.8	71.4	80.0	S0, P-1
PIPER PA-34-22CT SENECA III	4.74 4.52	2 CONTINENTAL TS10-360-KB	200 2600	4	MCCAULEY 3AF32C50B/82 NFA-6	76	3 V	2600	169	84	77.0	-2.8	74.2	80.0	S0, P-1
PIPER PA-38-112 TOMAHAWK	1.6P 1.6P	1 LYCOMING O-235-L2C	112 2600	5	SENENICH 72CK-0-56	72	2 F	2600	105	61	67.8	0.0	67.8	70.2	P-1
PIPER PA-42 CHEYENNE III	11.20 10.23	2 PRATT+WHITNEY PT6A-41	720 2000	4	HARTZELL HC-B3TN-3B/T 10173AB-60	95	3 V	2000	230	72	80.3	-3.5	76.8	80.0	P-1
PIPER PA-44-1P0 SEMINOLE	3.75 3.79	2 LYCOMING O-360-E10	180 2700	2	HARTZELL HC-C3YR-2EUF FC-7663-5R	73	3 V	2700	168	70	77.2	-2.5	74.7	80.0	P-1
PIPER PA-44-180T TURBO SEMINOLE	3.92 3.79	2 LYCOMING TV-360-F1A6D	180 2575	4	HARTZELL HC-C2YR-2CUF FC7666A-2R	74	2 V	2575	162	75	73.8	-2.3	71.5	80.0	P-1
PIPER PA-44-1P0T TURBO SEMINOLE	3.92 3.79	2 LYCOMING TO-360-C1A6D	180 2575	4	HARTZELL HC-C3YR-2EUF FC-7663-5R	73	3 V	2575	162	75	74.7	-2.3	72.4	80.0	P-1

6/6/83

Page 18

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AIRCRAFT MAKE, MODEL POPULAR NAME	MTOW MLW LRS/ 1000	ENGINE			PROPELLER				NOISE LEVELS DB(A)							
		NUMBER AND TYPE	ENG SHP	EXH RPM	TYPE	NUM. OF BLADES	TEST DIAM. (IN)	TEST PITCH (F/V)	TEST PROP RPM	TEST SPEED (KTS)	TEST TEMP (F)	NOISE MEAS.	PERF CORR	CORR LVL	FAR36 LIMIT	REFERENCE
PIPER PA-600A AEROSTAR	5.49 5.49	2 LYCOMING IO-540-K1JS	284	2520	HARTZELL HC-C3YR-2UF FG-8486-100	76	3 V	2520				82.4	-2.4	80.0	80.0	P-1
PIPER PA-601P AEROSTAR 601P	5.97 5.97	2 LYCOMING IO-540-S1A5/-P1	290	2575	HARTZELL HC-C3YR-2/C8 468-8R	78	2 V					81.5	-1.7	79.8	80.6	S0
PIPER PA-602P AEROSTAR PRESS.	6.00 6.00	2 LYCOMING IO-540-AA1A5	290	2425	4 HARTZELL HC-3YR-2UF/F C8468-8R	76	3 V	2425	208	60	60	81.9	-2.6	79.3	80.0	P-1
POLISH PZL-104 WILGA	2.87 2.87	2 PZL-FRANKLIN AI-14R	260	2050	2 US 122	104	2 V	1620	93	59	59	72.3	-3.8	68.5	77.4	I-2
POLISH PZL-104 W/ T-05 WILGA	2.87 2.87	2 PZL-FRANKLIN AI-14R	260	2050	7 US 122	104	2 V	1620	92	61	61	65.4	-3.8	61.6	77.4	I-2
POLISH PZL-110 KOLIBER	1.70 1.70	2 PZL-FRANKLIN A.235 B	125	2650	2 US 135	70	2 F	2900		72	72	67.0	2.8	69.8	70.3	I-2
REIMS AVIATION F 152 II	1.6P	1 LYCOMING C235 L2C	109	2550	MCCAULEY 1A 103/TCM 6 958	69	2 F	2550	110	72	72	65.7	-1.0	64.7	70.2	I-1
REIMS AVIATION F 172 M	2.25	1 LYCOMING C 320 E20	150	2700	MCCAULEY 1C 16//DTM 7 557	75	2 F	2700	124	70	70	72.7	1.2	73.9	73.9	I-1
REIMS AVIATION F 172 N	2.25	1 LYCOMING C 320 H2AD	160	2700	MCCAULEY 1C 160/DTM 7 557	75	2 F	2700	124	52	52	73.4	-1.1	73.3	73.9	I-1
REIMS AVIATION F 182 P	2.95	1 CONTINENTAL C 470 S	230	2600	MCCAULEY 2A 34C 66	82	2 V	2600	142	52	52	77.4	-1.4	76.0	77.9	I-1
REIMS AVIATION F 182 Q	2.95	1 CONTINENTAL C 470 U	270	2400	MCCAULEY 2A 34C 204	82	2 V	2400	150	61	61	72.1	-2.4	69.7	77.9	I-1
REIMS AVIATION FR 172K	2.56	1 CONTINENTAL C 10 360 K	185	2600	MCCAULEY 2A 34C 203	77	2 V	2600	129	50	50	73.2	-1.1	72.1	75.5	I-1

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AC 36-1C
Appendix 3

Page 20

AIRCRAFT MAKE & MODEL POPULAR NAME	MTOW MLW LBS/ 1000	ENGINE NUMBER AND TYPE	ENGINE			PROPELLER TYPE	NUM. OF BLADES	TEST TEST DAY	NOISE LEVELS DB(A)								
			ENG SHP	RPM	EXH SYS				DIAM. (IN)	PITCH (F/V)	PROP RPM	SPEED (KTS)	TEMP (F)	NOISE MEAS.	PERF CORR	FAR36 LVL	LIMIT REFERENCE
REIMS AVIATION FR 1P2	3.09	1 LYCOMING 0540J3CSD	235	2400		MCCAULEY B2D 34C 214	42	2 V	2400	159	50	73.1	-2.5	70.6	78.7	I-1	
ROBIN DR 400/120A PETIT PRINCE	1.98 1.98	1 LYCOMING 0 235 L2A	118	2700		MCCAULEY 1A 135 DCM 7 150	71	2 F	2700	109	79	68.2	2.4	70.6	72.0	I-1	
ROBIN DR 400/160 CHEVALIER	2.31 2.31	1 LYCOMING 0 320 D	160	2700		SENENICH 74 DM 65264	74	2 F	2700	129	50	72.9	.3	73.2	74.0	I-1	
ROBIN DR 400/190 REGENT	2.43 2.43	1 LYCOMING 0 360 A 3A	180	2600		SENENICH 76EM655-064	76	2 F	2600	134	50	72.2	.9	73.1	74.7	I-1	
ROBIN DR 400/140R REGENT	2.20 2.20	1 LYCOMING 0-360 A3A	180	2700		SENENICH 76 EM 855058	76	2 F	2700	117	75	74.1	-2.5	71.6	73.3	I-1	
ROBIN DR400/120 PETIT PRINCE	1.98 1.98	1 LYCOMING 0 235-L2A	116	2700		SENENICH 72 CKS-6-056	72	2 F	2700	145	50	69.6	2.0	71.6	72.0	I-1	
ROBIN HP 100-295 TIARA	3.09 3.09	1 CONTINENTAL TIARA 6 285 B	285	2400		HOFFMANN 2000TR/MN	74	3 V			32	74.2	-1.3	72.9	76.7	I-1	
ROBIN R 2112	1.76 1.76	1 LYCOMING 0 235 L2A	112	2600		SENENICH 72 CK 56-056	72	2 F	2600	110	75	67.3	.2	67.5	70.7	I-1	
ROBIN R 2160 AFROBIN	1.76 1.76	1 LYCOMING 0 320 D	160	2600		SENENICH 74DM65 5264	72	2 F	2600	132	55	72.4	-2.6	69.8	70.7	I-1	
SAAB SCANIA A.B. SF1-15-200A	4.41	1 LYCOMING 10-360-A104	197			HARTZELL HC-20YK-4BF	74	2 V	2700	120	59	73.8	.7	74.5	76.0	I-0	
SCHWEIG FLUGZFU SF-25C	1.34	1 LIRBACH SL-1700-CA	49			HOFFMANN HC-11-150R-7 5L	55	2 F	2800	82	59	58.3	-1.0	57.3	68.1	I-0	
SCHWEIG FLUGZFU SF-27 M-B	.85	1 BIRTH-ROT-PAU 171R-4E	29			HOFFMANN HC-02-120-SC	47	2 F	1400	72	69	67.7	.2	67.9	68.0	I-0	

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AIRCRAFT MAKE, MODEL POPULAR NAME	MTOW PLW LBS/ 1000	ENGINE			PROPELLER				NOISE LEVELS DB(A)							
		NUMBER AND TYPE	ENG SMP	EXH RPM	SYS	TYPE	NUM. OF BLADES	DIAP. (IN)	PITCH (F/V)	PROP RPM	TEST SPEED (KTS)	TEST DAY (F)	NOISE MEAS.	PERF CORR.	FAR36 CORR. LVL.	REFERENCE
SCHEMPP-HIRTH CM	1.50	1 RINDER POT. BAU VE-2	52			HOFFMANN HO-11 158B-7 C	62	2 F	2800	73	39	65.2	1.4	66.6	69.1	I-0
SCHEMPP-HIRTH NIMBUS-2M	1.32	1 SCHEMPP-HIRTH SF-1 (C-2826CR)	50			HOFFMANN HO-11 145-RR F	57	2 F	3000	77	46	63.6	1.8	65.4	68.0	I-0
SHORT BROS. SKYVAN SERIES III	12.57	2 AIRESEARCH TPE-331-1-(2-20	715			HARTZELL HC-B3TN-SE/T 102R2HB	58	3 V			32	81.9	-4.7	77.2	80.0	I-3
SLINGSBY ENGINE T 67A	1.65	1 LYCOMING O-235-L2A	118	2600	2	HOFFMAN HO14-17A-120	70	2 F	2800	109	75	70.9	-2.3	68.6	76.0	I-5
SOCATA TB 10 TOBAGO	2.29	1 LYCOMING O-360-A1AD	180	2700		HARTZELL HC-C2YK-18F- F7666-A2	74	2 V	2700	125	77	72.4	-0.9	71.5	73.9	I-1
SOCATA TB 9 TAMPICO	2.34	1 LYCOMING O 320 D2A	160	2700		SENSENICH 74 DM6 0 61	74	2 F	2700	121	70	71.2	1.3	72.5	74.2	I-1
SOCATA 110 ST RALLYE	1.70	1 LYCOMING O-235L-2A	110	2600		MCCAULEY 1A 103TCM 69 5P	64	2 F	2600	105	81	67.6	1.0	68.6	70.3	I-1
SOCATA 150 SV RALLYE	1.94	1 LYCOMING O 326 D2A	160	2700		SENSENICH M 74 DM 0 61	74	2 F	2700	64	75	73.8	-2.2	71.6	72.0	I-1
SOCATA 140 T RALLYE	2.00	1 LYCOMING O 360 A3A	180	2700		SENSENICH 76 EKF 060	74	2 F	2700	64	77	73.1	-0.8	72.3	72.7	I-1
SOCATA 235 E RALLYE	2.65	1 LYCOMING O 540 B4PE	235	2575		HARTZELL HCC2 YK1R440 4	60	2 V	2575		32	74.3	-0.7	73.6	76.0	I-1
SOCATA 860 R RALLYE	1.70	1 ROLLS ROYCE O 250 A	160	2750		MCCAULEY 1A 1J1 DCM/6 946	67	2 F	2750		32	68.6	0.0	68.8	70.3	I-1
SOCATA 893 E RALLYE	2.31	1 LYCOMING O 360 A3A	185	2700		HOFFMANN HO 27 HM/166 136	73	2 F	2700		32	71.3	0.0	71.3	74.0	I-1

6/6/83

AC 36-1C
Appendix 3

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AC 36-1C
Appendix 3

AIRCRAFT MAKE, MODEL POPULAR NAME	MTOW MLW LBS/ 1000	ENGINE			PROPELLER			NOISE LEVELS DB(A)								
		NUMBER AND TYPE	ENG SHP	EXH RPM	EXH SYS	TYPE	DIAM. (IN)	NUM. OF BLADES (F/V)	PROP RPM	TEST SPEED (KTS)	TEST TEMP (F)	NOISE MEAS.	PERF CORR.	FAR36 CORR. LVL.	NOISE LIMIT REFERENCE	
SOC. AERONAUT. JMODEL D 1408 NORMANDE	2.65	1 LYCOMING D-360-A2A	177			SENENICH 76EM8-0-60	76	2 F	2700	112	63	74.0	.2	74.2	76.0	I-0
SPORTAVIA PUTZ. ELSTER B	1.54	1 CONTINENTAL C90-12F	68			HOFFMANN HO-14-183 10 0	72	2 F	2475	74	52	66.0	0.0	66.0	69.3	I-0
SPORTAVIA PUTZ. RF6-B	1.98	1 LYCOMING D-320-A1P	150			HOFFMANN HO-23 178-14 5	70	2 F	2700	118	54	71.2	-1.1	70.1	72.0	I-0
SPORTAVIA PUTZ. RF-5	1.43	1 LIMBACH L2100-ETX	71			HOFFMANN HO-VR/L-150A	59	2 V	3000	106	64	63.4	-1.3	62.1	68.7	I-0
SPORTAVIA PUTZ. RS-180	2.43	1 LYCOMING D-360-ASA	180			HOFFMANN HO-27-HH-180 138	70	2 F	2500	110	59	66.8	-.9	65.9	74.7	I-0
SPORTAVIA PUTZ. RS-180	2.45	1 LYCOMING D-360-ASA	180			MCCAULY 1A170/FFA756 3	75	2 F	2700	122	57	73.8	0.0	73.8	74.7	I-0
SWEARINGEN SA226T MERLIN 111B	12.50	2 AIRESEARCH TPE-331-11U-501	900	4173	4	HARTZELL HCB4TH-5HL/L T10282HB	106	4 V	1591	275	68	77.4	-4.6	72.8	80.0	SM
SWEARINGEN SA226TC METRO II	12.50	2 AIRESEARCH TPE331-30W-3036	632	1920	4	HARTZELL HCB3 TH-5/T1 C282HB	102	3 V	1920	239	63	83.6	-3.8	79.8	80.0	SM
SWEARINGEN SA226-T(H) MERLIN 111B	12.50	2 AIRESEARCH TPE331-11U-501G	900	4173	4	HARTZELL HCB-B4TH-5EL/L LT10282AB+2.5	106	4 V	1591	275	65	77.4	-4.6	72.8	80.0	SM-2
SWEARINGEN SA227-AC METRO III	12.50	2 AIRESEARCH TPE331-11U-601G	1000	4173	4	DOWTY ROTOL (C)R321/4-R2 -F/P	106	4 V	1591	250	63	76.7	-4.8	71.9	80.0	SM-2
SWEARINGEN SA227-AC METRO III	14.00	2 AIRESEARCH TPE331-11U-601G	1000	4173	4	DOWTY ROTOL (C)R321/4-R2 -F/B	106	4 V	1591	250	63	76.7	-2.2	74.5	80.0	SM-2
SWEARINGEN SA227-AT MERLIN 11VC	12.50	2 AIRESEARCH TPE331-11U-601G	1000	4173	4	DOWTY ROTOL (C)R321/4-R2 -F/B	106	4 V	1591	250	63	76.7	-4.8	71.9	80.0	SM-2

6/6/83

AIRCRAFT NOISE DATA SHEET
FOR PROPELLER DRIVEN AIRPLANES NOT EXCEEDING 12500 LBS

AIRCRAFT MAKE, MODEL POPULAR NAME	ENGINE				PROPELLER				NOISE LEVELS DB(A)							
	MTOW LBS/ 1000	NUMBR AND TYPE	ENG SHP	EXH RPM	EXH SYS	TYPE	DIAM. (IN)	NUM. OF BLADES (F/V)	PROP RPM	SPEED (KTS)	TEST DAY	TEST DAY	NOISE MEAS.	PERF CORR	CORR LVL	FAR3E LIMIT
SWEARINGEN SA227-AT MERLIN IVC	14.00 14.00	2 AIRSEARCH TPE331-11U-601G	1000	4173	4	DOWTY ROTOL (C)R321/4-P2 -F/8	106	4 V	1591	250	63	76.7	-2.2	74.5	80.0	SM-2
SWEARINGEN SA227-TT MERLIN IIIC	12.50 12.50	2 AIRSEARCH TPE331-10U-503G	500	4173	4	DOWTY ROTOL (C)R324/4-82 -F/9	106	4 V	1591	275	65	77.4	-4.6	72.8	80.0	SM-2
SWEARINGEN SA227-TT MERLIN IIIC	13.23 13.23	2 AIRSEARCH TPE331-10U-503G	500	4173	4	DOWTY ROTOL (C)R324/4-82 -F/9	106	4 V	1591	275	65	77.4	-4.1	73.3	80.0	SM-2
TAYLORCRAFT BC-12D	1.20 1.20	1 AVCO LYCOMING G-360-E2A	118	2500	3	HENDRICKSON H73-A50	71	2 F	2500	105	66	72.6	-5.0	67.6	68.0	SM
TAYLORCRAFT F-19	1.50 1.50	1 CONTINENTAL 0-200-A	100	2750	5	MCCAULEY 1A105/SCM695	69	2 F	2750	180	68	69.1	-0.7	68.4	69.1	GL-2
TAYLORCRAFT F-21	1.50 1.50	1 LYCOMING 0-235-L2C	112	2600	5	SENSENIH 72CK-0-50	71	2 F	2800	96	66	69.0	-0.2	68.8	69.1	GL-2
TRIDENT TR-1	3.00 3.00	1 TELFORDYNE TIARA 6-265-C4	232	4000	7	HARTZELL HC-H3YF-3LF// FL-C9684-12	64	3 V	4000	122	63	78.2	-1.0	77.2	80.0	EA, E-1
VFW FOKKER P-149D	2.61	1 AVCO LYCOMING GC-400-91A6	260			HARTZELL HC-A3V29-10// VA433SP	85	3 V	1926	134	75	68.8	-0.1	68.7	80.0	I-0
WASSER WA 80	1.76	1 ROLLS ROYCE 0 200 A	134	2700		HOFFMANN HO 14.175.11 3	69	2 F	2700		32	68.3	0.0	68.3	70.7	I-1
ZAKLADY SZCZYPOL SZD 45 OGAR	1.54	1 LIMPACH SL-1700-FC	59			HOFFMANN HO-11-145 B7 5D	57	2 F	3000	64	55	68.9	-0.3	69.2	69.3	I-0

REFERENCES

A-1 ADVISORY CIRCULAR 36-1B 12/5/77
 B-1 BEECH DATA 1/19/81
 G-1 GAMA DATA 2/27/P1 (ADDITIONAL DATA)
 G-2 GAMA DATA 2/27/P1 (CORRECTIONS)
 G-3 GAMA DATA 8/15/P1
 P-1 PIPER DATA 8/31/P1
 S-1 CESSNA DATA 8/81
 I-0 GERMANY 3/1/P1
 I-1 FRANCE 10/10/P0 CAN
 I-2 POLAND 1/18/P2 CAN
 I-3 UNITED KINGDOM 10/10/P0 CAN
 I-4 CANADA 10/10/P0 CAN
 I-5 ENGLAND 9/11/P1

CE CENTRAL REGION
 C-1 CE REGION UPDATE 8/23/76
 C-2 CE REGION UPDATE 8/11/P1
 C-3 CE REGION UPDATE 4/09/P2
 EA EASTERN REGION
 E-1 EA REGION UPDATE 8/3/P1
 EU EUROPEAN REGION
 GL GREAT LAKES
 GL-1 GL REGION UPDATE 8/11/P1
 GL-2 GL REGION UPDATE 4/12/P2
 NE NEW ENGLAND REGION
 PC PACIFIC REGION
 SO SOUTHERN REGION
 SO-1 SO REGION UPDATE 8/10/P1
 SO-2 SO REGION UPDATE 4/9/81
 SW SOUTHWEST REGION
 SW-1 SW REGION UPDATE 8/5/P1
 SW-2 SW REGION UPDATE 4/14/P2

EXHAUST CONFIGURATION

1. STUB PIPES
2. SMALL COLLECTOR, SHORT EXHAUST PIPE
3. PADDLES IN COLLECTOR AND/OR CONES IN EXHAUST PIPE
4. TURBINE OR TURBOCHARGER
5. HEAT MUFF
6. COLLECTOR WRAHAROUND MANIFOLD STRAIGHT PIPE
7. MANIFOLD MUFFLER
8. RESONATOR MUFFLER

APPENDIX 4. DEFINITIONS.

The following definitions apply to the headings of Appendices 1, 2, and 3 of Advisory Circular 36-1C:

MTOW	Maximum Takeoff Weight
MLW	Maximum Landing Weight
BPR	By-pass-ratio
T/O	Takeoff
APP or APPR.	Approach
S/L	Sideline
ENGINE OUT C/B	The noise level associated with the takeoff operation for which engine power is reduced to a setting needed to maintain level flight with one engine inoperative
4 PERCENT CLIMB GRADIENT	The noise level associated with the takeoff operation for which engine power is reduced to a setting necessary to maintain a four percent climb gradient.
ALT. FT.	The distance over the takeoff measurement station. Altitude in feet corresponds with full thrust takeoff noise level, if shown, otherwise altitude corresponds to the cutback noise level. When both full thrust takeoff and cutback noise levels are shown, altitude goes with full thrust takeoff noise level.
SHP	Shaft horsepower.

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