



U.S. Department
of Transportation
**Federal Aviation
Administration**

Advisory Circular

Subject:

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Change:

NOISE LEVELS FOR U.S. CERTIFICATED AND FOREIGN AIRCRAFT

1. PURPOSE. This circular provides noise level data for aircraft certificated under 14 CFR part 36. Noise level data for foreign aircraft certificated to ICAO Annex 16 standards are also provided in a separate appendix for informational purposes. Other appendices list selected configurations of U.S. certificated aircraft and provide listings of noise levels ranked in descending order.
2. CANCELLATION. Advisory Circular 36-1F, Noise Levels for U.S. Certificated and Foreign Aircraft, dated June 5, 1992, is canceled.
3. BACKGROUND. The agency's regulatory program for airplane noise requires the quantification of aircraft noise levels. Progress in the control and abatement of aircraft noise continues to be made to achieve further relief and protection to the public. This updated Advisory Circular, containing certificated aircraft 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.
4. NOISE LEVELS. Noise levels measured during type certification under 14 CFR part 36 and ICAO Annex 16 are presented in Appendices 1 through 11. Formulas for calculating the appropriate 14 CFR part 36 noise level requirements, as contained in sections C36.5, F36.301, G36.301, H36.305, and J36.305 follow the applicable appendix.

Appendix 1 provides noise levels of turbojet powered airplanes, measured during type certification under 14 CFR part 36, Appendix C. This appendix includes tabulations of engine model, maximum takeoff weights, landing weights, flap settings, the "Stage" with which the airplane complies, and the measured noise in Effective Perceived Noise Level (EPNdB). Data are not presented for all of the maximum certificated takeoff weights for each airplane type. Rather, the data presented generally represent the highest and lowest maximum certificated takeoff weight.

Airplane noise levels are shown as complying with either Stage 2 or Stage 3. A "Stage 2 airplane" means an airplane that has been shown under 14 CFR part 36 to comply with the Stage 2 noise levels prescribed in section C36.5 of Appendix C (including use of the applicable tradeoff provisions) and that does not comply with the requirements for a Stage 3 airplane. A "Stage 3 airplane" means an airplane that has been shown under 14 CFR part 36 to comply with Stage 3 noise levels prescribed in section C36.5 of Appendix C (including use of the applicable tradeoff provisions).

As required by Part 36, certification noise levels for approach are those which are most critical from a noise standpoint, for the airplane configurations used to show compliance with the landing

requirements in the airworthiness regulations constituting the type certification basis of the airplane. Takeoff certification noise levels are presented for takeoff with thrust cutback unless there is an asterisk (*) in the "NOTES" column, in which case full takeoff thrust certification noise levels are presented.

It should be noted that the sideline noise levels are generally presented for the current 450-meter distance. However, some four-engine airplane configurations were certificated to the earlier 650-meter standard; these configurations are denoted with a double asterisk (**) in the "NOTES" column.

Since the original measurement locations and noise test conditions cited in 14 CFR part 36, on 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. In each case, the measured data have been corrected to sea level, 77 °F, 70% relative humidity conditions using the procedures outlined in 14 CFR part 36. 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 the data were not available.

Appendix 2 provides noise levels of foreign turbojet powered airplanes certificated to ICAO Annex 16, Chapters 2 and 3. These noise levels are provided for informational purposes. Airplanes certificated to both 14 CFR part 36 and ICAO Annex 16 are only listed in Appendix 1.

Appendix 3 provides a listing of U.S. certificated Stage 3 turbojet powered airplanes. These airplanes are also included in Appendix 1.

Appendix 4 and 5 represent selected listings of noise levels for turbojet powered airplanes certificated under 14 CFR part 36, Appendix C. Appendices 4 and 5 provide listings of takeoff and approach noise levels in EPNdB, respectively, in descending order. Representative models of each airplane are listed, using the maximum takeoff weight available. These listings are presented as a convenience in locating noise level data on specific airplane models. For a more detailed listing on variations of a representative model, see Appendix 1.

Appendix 6 contains noise levels of propeller-driven transport category airplanes. Noise levels measured during type certification were obtained under 14 CFR part 36, Appendix C. This appendix includes tabulations of maximum takeoff weights, landing weights, engine type, horsepower, propeller type, propeller diameter, and flap settings. The "Stage" with which the airplane complies is also provided, as well as the Effective Perceived Noise Level (EPNdB).

Appendix 7 lists the certificated airplane noise levels for propeller-driven small airplanes certificated under 14 CFR part 36, Appendix F. This appendix includes a tabulation of maximum takeoff weights, landing weights, engine type, horsepower, propeller type and propeller diameter. The measured A-weighted sound levels (dBA) for flyovers have been corrected to sea level 77 °F, 70% relative humidity conditions where required by 14 CFR part 36, Appendix F.

Appendix 8 lists the certificated airplane noise levels for propeller-driven small airplanes and commuter category airplanes certificated under 14 CFR part 36, Appendix G. This appendix includes a tabulation of maximum takeoff weights, landing weights, engine type, horsepower, propeller type and propeller

diameter, and the noise level in dB(A). Note that the 14 CFR part 36, Appendix G noise certification requirements for propeller-driven small airplanes and commuter category airplanes superseded those of 14 CFR part 36, Appendix F for noise certification tests conducted on or after December 22, 1988.

Appendix 9 contains noise levels for propeller-driven small airplanes certificated under ICAO Annex 16, Chapter 6. These noise levels are listed for informational purposes.

Appendix 10 lists the certificated noise levels for helicopters certificated under 14 CFR part 36, Appendix H. Helicopter noise levels are classified as either Stage 1 or Stage 2. A "Stage 2" helicopter means a helicopter which has been shown under 14 CFR part 36 to comply with the Stage 2 noise levels prescribed in section H36.305 of Appendix H (including use of applicable tradeoff provisions).

Appendix 11 lists the certificated noise levels for helicopters certificated under 14 CFR part 36, Appendix J. Appendix J prescribes alternative (to 14 CFR part 36 Appendix H) noise certification requirements for helicopters in the primary, normal, transport, and restricted categories having maximum certificated takeoff weight of not more than 6,000 pounds.

Appendix 12 defines the abbreviations that are used in this Advisory Circular.

5. Distribution

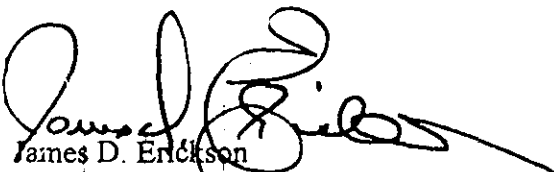
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6. REVISIONS. The airplane noise level listings of this Advisory Circular will be revised and updated periodically.


James D. Erickson
Director, of Environment and Energy

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APPENDIX 1AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
AEROSPATIALE	SN601 CORVETTE	13.90	12.40	JT15D-4	2	2.50	2.50	15	35	80.4	85.4	89.5	3	•
AEROSPATIALE	SN601 CORVETTE	14.60	13.20	JT15D-4	2	2.52	2.50	15	35	74.0	81.0	90.0	3	
AIRBUS	A300 B4-605R	330.40	290.00	CF6-80C2A5F	2	61.5	5.00	0	40	87.4	98.8	99.5	3	
AIRBUS	A300 B4-605R	385.46	319.38	CF6-80C2A5F	2	61.5	5.00	0	40	91.5	98.5	100.0	3	
AIRBUS	A300B2-1C	291.00	268.00	CF6-50C2-R	2	50.4	4.40	0	25	89.9	97.5	102.9	3	
AIRBUS	A300B2-1C	313.00	286.60	CF6-50C2-R	2	50.4	4.40	0	25	91.8	97.4	103.1	3	
AIRBUS	A300B2-203	313.10	286.60	CF6-50-C2	2	51.8	4.31	16	25	91.1	97.9	103.1	3	
AIRBUS	A300B4-103	347.20	295.40	CF6-50-C2	2	51.8	4.31	16	25	93.6	97.7	103.0	3	
AIRBUS	A300B4-203	313.05	286.60	CF6-50C2	2	51.8	4.31	0	25	90.5	97.3	102.4	3	31
AIRBUS	A300B4-203	363.70	299.83	CF6-50-C2	2	51.8	4.31	0	25	94.0	96.9	102.4	3	31
AIRBUS	A300B4-622R	330.00	275.00	PW-4158	2	58.0	4.85	0	40	88.0	98.3	101.3	3	
AIRBUS	A300B4-622R	385.00	304.50	PW-4158	2	58.0	4.85	0	40	93.1	97.9	101.9	3	
AIRBUS	A310-221	305.60	267.90	JT9D-7R4D1	2	48.0	4.50	15	40	90.5	94.8	100.6	3	
AIRBUS	A310-304	275.58	261.25	CF6-80C2A2	2	53.5	5.00	0	40	85.7	96.5	98.5	3	
AIRBUS	A310-304	352.74	286.60	CF6-80C2A2	2	53.5	5.00	0	40	92.9	96.1	98.8	3	
AIRBUS	A310-324	330.69	271.16	PW-4152	2	52.0	4.85	15	40	90.6	97.2	100.2	3	
AIRBUS	A319-112	123.46	121.25	CFM56-5B6 w/SAC	2	23.5	6.00	10	40	78.6	93.3	92.4	3	
AIRBUS	A319-112	158.73	149.91	CFM56-5B6 w/SAC	2	23.5	6.00	10	40	85.4	92.6	93.1	3	

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<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>		<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>	<u>BPR</u>	<u>TQ</u>	<u>AP</u>	<u>TQ</u>	<u>SL</u>	<u>AP</u>		
AIRBUS	A319-113	123.46	121.25	CFM56-5A4	2	22.0	6.00	10	40	80.1	93.9	94.0	3	
AIRBUS	A319-113	158.73	149.91	CFM56-5A4	2	22.0	6.00	10	40	87.5	93.1	94.8	3	
AIRBUS	A319-131	123.46	121.25	V2522-A5	2	21.0	4.90	10	40	79.2	92.5	94.0	3	
AIRBUS	A319-131	158.73	149.91	V2522-A5	2	22.0	4.90	10	40	85.3	91.4	94.5	3	
AIRBUS	A320-211	162.00	142.20	CFM56-5A1	2	25.0	6.00	10	35	87.8	94.3	96.4	3	
AIRBUS	A320-211	149.90	142.20	CFM56-5A1	2	25.0	6.00	10	35	85.3	94.4	96.4	3	
AIRBUS	A320-231	149.90	142.20	V2500.A1	2	25.0	6.00	10	40	84.0	93.0	96.6	3	
AIRBUS	A320-231	162.00	142.20	V2500.A1	2	25.0	6.00	10	40	86.6	92.8	96.6	3	
AIRBUS	A330-301	396.83	361.56	CF6-80E1A2	2	65.8	5.05	14	32	87.0	97.9	98.5	3	
AIRBUS	A330-301	507.06	418.88	CF6-80E1A2	2	65.8	5.05	14	32	94.2	97.2	98.7	3	
AIRBUS	A330-321	396.83	330.69	PW4164	2	64.0	4.85	8	32	88.5	98.0	97.3	3	
AIRBUS	A330-321	507.06	418.88	PW4164	2	64.0	4.85	8	32	95.6	97.5	98.0	3	
AIRBUS	A330-322	396.83	330.69	PW4168	2	68.0	4.85	8	32	87.6	98.6	97.3	3	
AIRBUS	A330-322	507.06	418.88	PW4168	2	68.0	4.85	8	32	94.3	98.3	98.0	3	
AIRBUS	A340-212	485.01	363.76	CFM56-5C3	2	32.5	6.60	17	32	88.1	95.8	97.3	3	
AIRBUS	A340-212	595.25	440.92	CFM56-5C3	2	32.5	6.60	17	32	96.1	95.4	97.2	3	
AIRBUS	A340-312	485.02	363.76	CFM56-5C3	2	32.5	6.60	17	32	88.0	95.8	97.3	3	
AIRBUS	A340-312	595.24	440.92	CFM56-5C3	2	32.5	6.60	17	32	96.2	95.3	97.2	3	

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<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>		<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>	<u>BPR</u>	<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
AVRO	146-RJ 85	80.00	77.50	LF 507-1F	4	7.00	5.10	18	33	79.0	89.1	96.9	3	
AVRO	146-RJ 85	97.00	85.00	LF 507-1F	4	7.00	5.10	18	33	84.3	88.4	97.3	3	
BAe	1-11 200	80.00	71.00	SPEY 506-14	2	10.4	1.00	3	45	93.3	99.1	97.8	2	12
BAe	1-11 400	87.00	77.20	SPEY511-14/14W	2	11.4	0.70	0	45	94.8	103.4	99.7	2	12
BAe	1-11 400	89.50	79.00	SPEY511-14/14W	2	11.4	0.70	0	45	95.7	103.3	99.9	2	12
BAe	146-100A	76.00	72.35	ALF502R-3	4	6.70	5.90	18	33	80.7	87.2	95.1	3	
BAe	146-100A	76.00	72.35	ALF502R-3A	4	6.97	5.70	18	33	79.0	88.0	94.9	3	
BAe	146-100A	82.25	73.35	ALF502R-3A	4	6.97	5.70	18	33	82.3	87.6	95.2	3	
BAe	146-100A	82.25	73.35	ALF502R-5	4	6.97	5.70	18	33	82.3	87.6	95.2	3	
BAe	146-100A	84.00	77.50	ALF502R-5	4	6.97	5.70	18	33	81.8	87.7	95.6	3	
BAe	146-200A	89.50	77.50	ALF502R-3	4	6.70	5.90	18	33	85.9	86.6	95.6	3	
BAe	146-200A	89.50	77.50	ALF502R-3A	4	6.97	5.70	18	33	84.9	87.3	95.6	3	
BAe	146-200A	89.50	77.50	ALF502R-5	4	6.97	5.70	18	33	84.9	87.3	95.6	3	
BAe	146-200A	93.00	81.00	ALF502R-5	4	6.97	5.70	18	33	85.2	87.3	95.8	3	
BAe	146-300	95.00	83.00	LF 507-1H/-1F	4	7.00	5.10	18	33	84.0	87.9	97.2	3	
BAe	146-300	101.50	88.50	LF 507-1H/-1F	4	7.00	5.10	18	33	86.3	87.6	97.6	3	
BAe	146-300A	95.00	83.00	ALF 502R-5	4	6.97	5.70	18	33	86.0	87.0	96.0	3	
BAe	146-300A	97.50	84.50	ALF502R-5	4	6.97	5.70	18	33	86.5	86.7	95.6	3	

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<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>		<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>	<u>BPR</u>	<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
BAC	C-29A	28.00	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	81.4	87.3	95.8	3	
BEECH	BEECHJET 400	15.78	14.22	JT15D-5	2	2.88	2.10	10	30	88.6	93.7	91.4	3	°
BOEING	B-707-100B (QNC)	241.30	190.00	JT3D-1	4				30	103.4	102.8	102.8	2	6,**
BOEING	B-707-100B (QNC)	258.00	190.00	JT3D-3B	4				30	103.8	102.7	102.8	2	6,**
BOEING	B-707-120B (SHANNON)	258.00	190.00	JT3D-1	4				30	103.5	97.6	105.3	2	21,**
BOEING	B-707-138B (SHANNON)	258.00	190.00	JT3D-1	4				30	103.2	97.6	105.3	2	21,**
BOEING	B-707-300B ADV/C QNC	335.00	247.50	JT3D-3B	4				25	104.4	98.9	107.9	2	6,**
BOEING	B-707-300B ADV/C SHN	330.00	201.00	JT3D-7	4				25	104.7	99.6	108.3	2	6,**
BOEING	B-707-300B ADV/C SHN	321.00	240.00	JT3D-3B	4				25	104.5	99.2	108.2	2	6,**
BOEING	B-707-300B ADV/C SHN	322.30	247.00	JT3D-1-3B(IC)	4			14	25	105.5	99.3	105.7	2	6,21,**
BOEING	B-720B (QNC)	234.00	175.00	JT3D-1	4				30	102.3	102.9	101.6	2	6,**
BOEING	B-720B (QNC)	234.00	175.00	JT3D-3B	4				30	99.3	103.2	101.6	2	6,**
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-1	4				30	98.9	98.0	104.7	2	6,**
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-3B	4				30	97.3	99.5	104.7	2	6,**
BOEING	B-727-100	152.50	135.00	JT8D-7FCD	3	14.0	1.10	5	40	94.4	100.3	104.1	2	3,16
BOEING	B-727-100	160.50	137.50	JT8D-1FCD	3	14.0	1.10	5	40	96.6	99.2	104.3	2	3
BOEING	B-727-100	169.50	137.50	JT8D-1FCD	3	14.0	1.10	5	40	98.5	99.1	104.3	2	3
BOEING	B-727-100	169.50	137.50	JT8D-7FCD	3	14.0	1.10	5	40	97.9	100.0	104.3	2	3,16

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MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
BOEING	B-727-100	160.50	137.50	JT8D-9PCD	3	14.5	1.03	5	40	96.1	100.2	105.8	2	3,17
BOEING	B-727-100	169.50	137.50	JT8D-9PCD	3	14.5	1.03	5	40	98.3	100.0	105.8	2	3,17
BOEING	B-727-100 (Dec Howard)	169.50	137.50	TAY 651-54	3	15.4		5	40	92.1	92.3	98.4	3	
BOEING	B-727-100 (Dec Howard)	169.50	142.50	TAY 651-54	3	15.4		5	30	92.1	92.3	95.3	3	
BOEING	B-727-100 (FED EX;STC SA3993NM)	160.50	137.50	JT8D-7 w/BOEING INLET+CHIN CSD	3	14.0	1.10	5	30	92.5	96.6	97.8	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	163.50	137.50	JT8D-7 w/BOEING INLET+FAN CSD	3	14.0	1.10	5	30	93.2	97.4	97.8	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	137.50	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.5	1.03	5	30	93.9	97.5	98.1	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	174.50	142.50	JT8D-7 w/BOEING INLET+CHIN CSD	3	14.0	1.10	5	30	95.7	96.4	97.9	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+CHIN CSD	3	14.0	1.10	5	30	94.1	96.6	98.2	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+FAN CSD	3	14.0	1.10	5	30	94.1	97.2	98.2	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-9 w/BOEING INLET+FAN CSD	3	14.5	1.03	5	30	93.9	98.0	98.4	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	174.50	142.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.5	1.03	5	30	94.9	97.1	98.8	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.5	1.03	5	30	94.0	97.3	98.8	3	35
BOEING	B-727-200	184.20	142.50	JT8D-15QN	3	15.5	1.00	5	40	98.8	102.2	103.2	2	2,18
BOEING	B-727-200	190.50	142.50	JT8D-15QN	3	15.5	1.00	5	40	100.0	102.2	103.2	2	2,18
BOEING	B-727-200	190.50	142.50	JT8D-17QN	3	16.0	1.00	5	40	99.6	103.7	103.2	2	2,19
BOEING	B-727-200	190.50	142.50	JT8D-17RQN	3	17.4	0.97	5	40	98.9	104.7	103.2	2	2,20
BOEING	B-727-200	208.00	142.50	JT8D-17RQN	3	17.4	0.97	5	40	102.4	104.2	103.2	2	2,20

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES	
		1000#	1000#			1000#	BPR	TO	AP	TO	SL			AP
BOEING	B-727-200	172.50	142.50	JT8D-7FCD	3	14.0	1.10	15	40	100.0	100.4	106.3	2	3,16
BOEING	B-727-200	177.60	142.50	JT8D-7FCD	3	14.0	1.10	5	40	99.8	99.8	106.3	2	3,16
BOEING	B-727-200	172.50	142.50	JT8D-7QN	3	14.0	1.10	15	40	100.0	100.4	104.9	2	2,16
BOEING	B-727-200	172.50	142.50	JT8D-9QN	3	14.5	1.03	15	40	99.0	100.4	103.2	2	2,17
BOEING	B-727-200	184.80	142.50	JT8D-9QN	3	14.5	1.03	15	40	101.5	100.2	103.2	2	2,17
BOEING	B-727-200	178.00	150.00	JT8D-9FCD	3	14.5	1.03	5	30	100.7	99.8	105.8	2	3,17
BOEING	B-727-200	203.10	158.00	JT8D-17QN	3	16.0	1.00	5	40	102.0	103.5	104.5	2	2,19
BOEING	B-727-200 (FED EX;STC SA4833NM)	172.60	150.00	JT8D-7 w/BOEING INLET+CHIN CSD	3	14.0	1.10	5	30	96.0	97.4	99.0	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	172.50	150.00	JT8D-7 w/BOEING INLET+FAN CSD	3	14.0	1.10	5	30	95.9	97.0	99.0	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	172.60	150.00	JT8D-7 w/BURBANK INLET+CHIN CSD	3	14.0	1.10	5	30	95.7	96.5	98.9	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	173.88	150.00	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.5	1.03	5	30	95.5	97.4	99.6	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	167.85	150.00	JT8D-9 w/BOEING INLET+FAN CSD	3	14.5	1.03	5	30	94.2	98.3	99.6	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	175.00	150.00	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.5	1.03	5	30	95.2	97.2	100.2	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	170.48	150.00	JT8D-9 w/BURBANK INLET+FAN CSD	3	14.5	1.03	5	30	94.3	97.8	100.2	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	178.42	154.50	JT8D-7 w/BURBANK INLET+CHIN CSD	3	14.0	1.10	5	30	97.0	96.0	99.1	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	171.44	154.50	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.5	1.03	5	30	94.9	97.6	99.9	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	165.60	154.50	JT8D-9 w/BOEING INLET+FAN CSD	3	14.5	1.03	5	30	93.7	98.4	99.9	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	172.96	154.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.5	1.03	5	30	94.7	97.3	100.5	3	35

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APPENDIX 1AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
BOEING	B-727-200 (FED EX;STC SA4833NM)	178.00	161.00	JT8D-7 w/BURBANK INLET+FAN CSD	3	14.0	1.10	5	30	96.9	96.6	99.4	3	35
BOEING	B-727-200 (FED EX;STC SA5839NM)	155.00	150.00	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.5	1.03	5	30	89.2	97.9	97.4	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	155.00	150.00	JT8D-9 w/BOEING INLET+FAN CSD	3	14.5	1.03	5	30	89.2	98.4	97.4	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	155.00	150.00	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.5	1.03	5	30	88.5	97.6	98.0	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	155.00	150.00	JT8D-9 w/BURBANK INLET+FAN CSD	3	14.5	1.03	5	30	88.5	98.1	98.0	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	160.00	154.50	JT8D-15 w/BOEING INLET+CHIN CSD	3	15.5	1.00	5	30	92.2	98.0	97.6	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	160.00	154.50	JT8D-15 w/BOEING INLET+FAN CSD	3	15.5	1.00	5	30	92.2	98.2	97.6	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	178.90	154.50	JT8D-15 w/BURBANK INLET+FAN CSD	3	15.5	1.00	5	30	94.3	97.3	98.2	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	184.20	154.50	JT8D-17 w/BOEING INLET	3	16.0	1.00	5	30	95.3	98.8	97.6	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	184.20	154.50	JT8D-17 w/BURBANK INLET	3	16.0	1.00	5	30	94.8	98.6	98.2	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	189.20	160.00	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.5	1.03	5	30	97.3	95.9	97.9	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	189.20	160.00	JT8D-9 w/BOEING INLET+FAN CSD	3	14.5	1.03	5	30	97.3	96.5	97.9	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	191.20	160.00	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.5	1.03	5	30	97.4	95.7	98.5	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	191.20	160.00	JT8D-9 w/BURBANK INLET+FAN CSD	3	14.5	1.03	5	30	97.4	96.3	98.5	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	182.75	161.00	JT8D-15 w/BOEING INLET+CHIN CSD	3	15.5	1.00	5	30	93.9	99.1	97.7	3	28
BOEING	B-727-200 (FED EX;STC SA5839NM)	202.00	164.00	JT8D-17 w/BURBANK INLET	3	16.0	1.00	5	30	97.1	98.8	98.6	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	199.51	166.00	JT8D-15 w/BOEING INLET+CHIN CSD	3	15.5	1.00	5	30	97.6	98.0	97.9	3	28
BOEING	B-727-200 (FED EX;STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+CHIN CSD	3	15.5	1.00	5	30	97.6	98.0	98.1	3	27

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
BOEING	B-727-200 (FED EX;STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+FAN CSD	3	15.5	1.00	5	30	97.6	98.2	98.1	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	201.00	166.00	JT8D-15 w/BURBANK INLET+FAN CSD	3	15.5	1.00	5	30	97.7	97.6	98.6	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	200.00	166.00	JT8D-17 w/BOEING INLET	3	16.0	1.00	5	30	97.1	99.1	98.1	3	27
BOEING	B-727-200RE(VALSAN)	190.50	148.00	JT8D-15/217C	3				30	91.5	99.3	98.8	3	6,23
BOEING	B-727-200RE(VALSAN)	198.50	159.00	JT8D-17/217C	3				30	92.2	99.5	99.0	3	6,23
BOEING	B-727-200RE(VALSAN)	209.50	159.00	JT8D-17A/217C	3				30	94.5	99.6	99.0	3	6,23
BOEING	B-727-200RE(VALSAN)	203.10	164.00	JT8D-17A/217C	3				30	93.4	99.6	99.3	3	6,23
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	88.00	JT8D-17	2	16.0	1.00	1	40	91.4	97.5	96.7	3	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	117.00	90.00	JT8D-15	2	15.5	1.00	1	40	89.7	96.7	98.1	3	35,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	93.00	JT8D-15	2	15.5	1.00	1	40	92.1	96.5	97.1	3	27,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.80	95.00	JT8D-15	2	15.5	1.00	1	40	83.7	96.8	97.2	3	27,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.80	95.00	JT8D-9	2	14.5	1.03	1	40	85.2	95.5	97.2	3	27,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.50	98.00	JT8D-15	2	15.5	1.00	1	40	84.9	96.9	98.6	3	35,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.50	98.00	JT8D-9	2	14.5	1.03	1	40	86.3	95.7	98.6	3	35,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.50	107.00	JT8D-15	2	15.5	1.00	1	30	91.3	96.9	96.3	3	35,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	107.00	JT8D-15	2	15.5	1.00	1	30	92.1	96.5	94.8	3	27,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	115.00	107.00	JT8D-17	2	16.0	1.09	1	40	87.6	97.5	98.0	3	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	2	16.0	1.00	1	30	91.4	97.5	94.8	3	27

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APPENDIX 1AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOISES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
BOEING	B-737-200 (AVAERO;STC ST223CH)	118.50	107.00	JT8D-9	2	14.5	1.03	1	30	91.5	94.9	96.3	3	35,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	2	14.5	1.03	1	40	91.5	94.8	98.0	3	27,41
BOEING	B-737-200 (NORDAM;STC ST00131SE)	103.50	98.00	JT8D-15 w/LGW HUSHKIT	2	15.5	1.00	1	30	86.4	97.1	95.9	3	37
BOEING	B-737-200 (NORDAM;STC ST00131SE)	103.50	98.00	JT8D-15 w/LGW-L HUSHKIT	2	15.5	1.00	1	30	85.7	97.1	95.7	3	37
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW HUSHKIT	2	15.5	1.00	1	30	91.1	97.0	95.8	3	37
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW-L HUSHKIT	2	15.5	1.00	1	30	90.2	96.8	95.8	3	37
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	88.00	JT8D-15	2	15.5	1.00	1	40	90.3	96.8	97.7	3	35,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	100.80	95.00	JT8D-15	2	15.5	1.00	1	40	83.7	96.9	96.9	3	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	100.80	95.00	JT8D-9	2	14.5	1.03	1	40	85.3	95.7	96.9	3	27,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	95.00	JT8D-9	2	14.5	1.03	1	40	91.7	95.0	98.1	3	35,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	100.50	98.00	JT8D-15	2	15.5	1.00	1	40	85.0	97.0	98.3	3	35,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	98.00	JT8D-15	2	15.5	1.00	1	40	92.1	96.5	97.1	3	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	100.50	98.00	JT8D-9	2	14.5	1.03	1	40	86.4	95.8	98.3	3	35,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	124.50	107.00	JT8D-15	2	15.5	1.00	1	30	91.8	96.7	96.3	3	35,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	107.00	JT8D-15	2	15.5	1.00	1	30	92.1	96.5	94.8	3	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	125.00	107.00	JT8D-17	2	16.0	1.00	1	40	90.2	97.5	97.7	3	27
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	115.00	107.00	JT8D-17	2	16.0	1.00	1	40	87.5	97.5	97.7	3	27
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	2	16.0	1.00	1	30	91.2	97.7	94.8	3	27

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)				STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP			
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	107.00	JT8D-9	2	14.5	1.03	1	30	91.7	95.0	96.3	3	35,41	
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	2	14.5	1.03	1	40	91.5	95.0	97.7	3	27,41	
BOEING	B-737-200 ADV(NORDAM;ST SA5730NM)	110.20	98.00	JT8D-9	2	14.5	1.03	1	40	87.3	94.7	98.2	3	27,41	
BOEING	B-737-200 ADV(NORDAM;ST SA5730NM)	105.60	103.00	JT8D-15	2	15.5	1.00	1	40	84.6	96.3	98.4	3	27,42	
BOEING	B-737-200 ADV(NORDAM;ST SA5730NM)	115.50	103.00	JT8D-17	2	16.0	1.00	1	40	86.8	97.0	98.4	3	27	
BOEING	B-737-200 ADV(NORDAM;ST SA5730NM)	126.70	107.00	JT8D-15	2	15.5	1.00	1	40	91.0	96.0	98.6	3	27,42	
BOEING	B-737-200 ADV(NORDAM;ST SA5730NM)	126.50	107.00	JT8D-17	2	16.0	1.00	1	40	90.0	96.9	98.6	3	27	
BOEING	B-737-200 ADV(NORDAM;ST SA5730NM)	124.50	107.00	JT8D-9	2	14.5	1.03	1	40	91.9	94.4	98.6	3	27,41	
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	100.50	95.00	JT8D-9 w/LGW HUSHKIT	2	14.5	1.03	1	30	86.1	96.7	96.2	3	36	
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	103.50	98.00	JT8D-15 w/LGW HUSHKIT	2	15.5	1.00	1	30	86.4	97.1	96.0	3	37	
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	103.50	98.00	JT8D-15 w/LGW-L HUSHKIT	2	15.5	1.00	1	30	85.7	97.1	95.8	3	37	
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	115.50	98.00	JT8D-17/-17A w/LGW HUSHKIT	2	16.0	1.00	1	30	89.7	97.5	96.0	3		
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	109.00	98.00	JT8D-7 w/LGW-N HUSHKIT	2	14.0	1.10	1	30	89.2	96.3	96.2	3	40	
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	100.50	98.00	JT8D-9 w/LGW-N HUSHKIT	2	14.5	1.03	1	30	86.1	96.9	96.2	3	36	
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	100.50	99.00	JT8D-9 w/LGW-L HUSHKIT	2	14.5	1.03	1	30	86.9	96.5	95.8	3	36	
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	121.60	107.00	JT8D-15 w/LGW HUSHKIT	2	15.5	1.00	1	30	91.7	96.7	95.9	3	37	
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	125.90	107.00	JT8D-15 w/LGW-L HUSHKIT	2	15.5	1.00	1	30	91.8	97.0	95.9	3	37	
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	120.50	107.00	JT8D-17/-17A w/LGW HUSHKIT	2	16.0	1.00	1	30	90.8	97.6	95.9	3		

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UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	M/W	ENGINE MODEL	NO.	THRUST			FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR		TO	AP	TO	SL	AP		
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	117.00	107.00	JT8D-7 w/LGW-N HUSHKIT	2	14.0	1.10		1	30	91.6	95.9	96.2	3	40
BOEING	B-737-200 ADV(NORDAM;S1 ST00131SE)	118.70	107.00	JT8D-9 w/LGW HUSHKIT	2	14.5	1.03		1	30	91.6	96.1	95.9	3	36
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	122.90	107.00	JT8D-9 w/LGW-L HUSHKIT	2	14.5	1.03		1	30	91.8	96.0	95.9	3	36
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	118.50	107.00	JT8D-9 w/LGW-N HUSHKIT	2	14.5	1.03		1	30	91.6	96.5	96.2	3	36
BOEING	B-737-200 ADV.	128.10	79.10	JT8D-17QN	2	16.0	1.00		1	40	97.0	104.1	102.8	2	2,19
BOEING	B-737-200 ADV.	128.10	88.00	JT8D-15QN	2	15.5	1.00		1	40	97.7	102.4	103.8	2	2,18
BOEING	B-737-200 ADV.	115.50	95.30	JT8D-17QN	2	16.0	1.00		1	40	93.6	104.4	104.5	2	2,19
BOEING	B-737-200 ADV.	115.50	101.00	JT8D-15QN	2	15.5	1.00		1	40	94.4	103.1	105.0	2	2,18
BOEING	B-737-200 ADV.	115.50	103.00	JT8D-9QN	2	14.5	1.03		1	40	95.3	100.6	105.1	2	2,17
BOEING	B-737-200 ADV.	122.50	105.00	JT8D-9QN	2	14.5	1.03		1	40	96.9	99.9	105.3	2	2,17
BOEING	B-737-200 NON-ADV.	100.50	95.00	JT8D-7QN	2	14.0	1.10		1	40	92.1	101.7	102.1	2	2,16
BOEING	B-737-200 NON-ADV.	109.00	95.00	JT8D-9QN	2	14.5	1.03		1	40	93.2	100.7	104.8	2	2,17
BOEING	B-737-200 NON-ADV.	109.00	98.00	JT8D-7QN	2	14.0	1.10		1	40	94.7	101.3	102.1	2	2,16
BOEING	B-737-200 NON-ADV.	117.00	101.70	JT8D-9QN	2	14.5	1.03		1	40	95.5	100.3	105.3	2	2,17
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	22.0	5.00		1	40	81.6	91.2	97.4	3	38
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	22.0	5.00		1	40	81.6	91.2	98.5	3	
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	20.0	5.00		1	40	82.4	89.7	97.4	3	38
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	20.0	5.00		1	40	82.4	89.7	98.5	3	

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AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
BOEING	B-737-300	124.50	110.00	CFM56-3-B1	2	20.0	5.00	1	40	84.4	90.4	99.6	3	
BOEING	B-737-300	124.50	110.00	CFM56-3B-2	2	22.0	4.90	1	40	82.8	92.2	99.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	22.0	5.00	1	40	83.9	90.9	98.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	20.0	5.00	1	40	85.2	89.2	97.6	3	38
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	22.0	5.00	1	40	83.9	90.9	97.6	3	38
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	20.0	5.00	1	40	85.2	89.2	98.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3-B1	2	20.0	5.00	1	40	87.5	89.9	100.1	3	
BOEING	B-737-300	139.50	121.00	CFM56-3B-2	2	22.0	4.90	1	40	85.7	91.9	100.1	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	83.8	89.8	98.6	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	83.8	89.8	97.7	3	38
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	23.5	5.00	5	40	82.4	92.1	98.6	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	23.5	5.00	5	40	82.4	92.1	97.7	3	38
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	22.0	5.00	5	40	82.8	91.2	97.7	3	38
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	22.0	5.00	5	40	82.8	91.2	98.6	3	
BOEING	B-737-400	138.50	121.00	CFM56-3-B1	2	20.0	5.00	5	40	87.2	90.0	100.2	3	
BOEING	B-737-400	142.50	121.00	CFM56-3-B1	2	20.0	5.00	5	40	88.9	89.6	100.2	3	
BOEING	B-737-400	138.50	121.00	CFM56-3B-2	2	22.0	4.90	5	40	85.7	92.1	100.2	3	
BOEING	B-737-400	138.50	121.00	CFM56-3C-1	2	23.5	4.90	5	40	85.0	93.2	100.2	3	

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APPENDIX 1AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	22.0	5.00	5	40	86.3	90.7	98.6	3	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	22.0	5.00	5	40	86.3	90.7	97.7	3	38
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	86.9	88.9	98.6	3	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	23.5	5.00	5	40	85.9	91.8	98.6	3	
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	86.9	88.9	97.7	3	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	23.5	5.00	5	40	85.9	91.8	97.7	3	38
BOEING	B-737-400	150.00	124.00	CFM56-3B-2	2	22.0	4.90	5	40	87.7	91.7	100.2	3	
BOEING	B-737-400	150.00	124.00	CFM56-3C-1	2	23.5	4.90	5	40	87.1	93.1	100.2	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	80.4	90.2	98.4	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	18.5	5.00	5	40	81.0	89.3	97.2	3	38
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	18.5	5.00	5	40	81.0	89.3	98.4	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	80.4	90.2	97.2	3	38
BOEING	B-737-500	115.50	105.00	CFM56-3-B1	2	20.0	5.00	5	40	82.7	90.8	99.4	3	
BOEING	B-737-500	115.50	105.00	CFM56-3-B1(R)	2	18.5	5.00	5	40	83.6	89.9	99.4	3	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	85.4	89.2	97.6	3	38
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	85.4	89.2	98.7	3	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	2	18.5	5.00	5	40	85.4	88.2	97.6	3	38
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	2	18.5	5.00	5	40	85.4	88.2	98.7	3	

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AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>		<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>	<u>BPR</u>	<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
BOEING	B-737-500	139.00	114.00	CFM56-3-B1	2	20.0	5.00	5	40	87.3	90.0	100.0	3	
BOEING	B-737-500	132.80	114.00	CFM56-3-B1(R)	2	18.5	5.00	5	40	87.7	88.9	100.0	3	
BOEING	B-747-100	710.00	400.00	JT9D-3A	4	43.6	5.10	10	30	105.4	102.1	104.6	3	29
BOEING	B-747-100	750.00	400.00	JT9D-7F	4	48.0	5.10	10	30	104.5	103.5	104.5	3	29
BOEING	B-747-100	734.00	425.00	JT9D-7	4	46.3	5.10	10	30	105.1	102.7	104.6	3	29
BOEING	B-747-100	734.00	460.00	JT9D-7A	4	46.9	5.10	10	30	104.3	102.6	105.3	3	29
BOEING	B-747-100	750.00	520.00	JT9D-7F	4	48.0	5.10	10	25	104.5	103.5	104.5	3	29
BOEING	B-747-100	710.00	540.00	JT9D-3A	4	43.6	5.10	10	25	105.4	102.1	104.6	3	29
BOEING	B-747-100	734.00	540.00	JT9D-7	4	46.3	5.10	10	25	105.1	102.7	104.1	3	29
BOEING	B-747-100	734.00	564.00	JT9D-3A	4	44.2	5.10	10	30	109.4	99.6	107.2	2	* **
BOEING	B-747-100	710.00	564.00	JT9D-3A	4	44.2	5.10	10	30	108.4	99.7	107.2	2	* **
BOEING	B-747-100	710.00	564.00	JT9D-7	4	46.3	5.10	10	30	108.0	100.2	107.4	2	* **
BOEING	B-747-100	750.00	585.00	JT9D-7A	4	47.0	5.10	10	30	107.8	98.8	106.9	2	* **
BOEING	B-747-100	750.00	585.00	JT9D-7F	4	48.0	5.10	10	30	107.7	99.0	107.4	2	* **
BOEING	B-747-100	750.00	585.00	JT9D-7FW	4	50.0	5.10	10	30	107.6	99.4	107.4	2	* **
BOEING	B-747-100	750.00	585.00	JT9D-7WET	4	47.9	5.10	10	30	107.4	99.3	106.9	2	* **
BOEING	B-747-100	750.00	585.00	RB211-524C2	4	51.6	4.50	10	30	104.5	96.9	106.5	2	* **
BOEING	B-747-100	734.00	630.00	JT9D-7A	4	46.9	5.10	10	25	104.3	102.6	105.5	3	29

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APPENDIX 1AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
BOEING	B-747-200	770.00	475.00	JT9D-7J	4	50.0	5.10	10	30	103.6	103.0	105.9	3	30
BOEING	B-747-200	710.00	520.00	JT9D-3A	4	43.6	5.10	10	30	104.4	100.8	106.9	3	30
BOEING	B-747-200	750.00	520.00	JT9D-7F	4	48.0	5.10	10	30	103.5	102.0	106.9	3	30
BOEING	B-747-200	734.00	540.00	JT9D-7	4	46.3	5.10	10	30	104.2	101.3	106.7	3	30
BOEING	B-747-200	767.00	564.00	JT9D-3A	4	44.2	5.10	10	30	110.0	98.2	106.5	2	* **
BOEING	B-747-200	770.00	564.00	JT9D-7	4	46.3	5.10	10	30	108.9	98.8	106.7	2	* **
BOEING	B-747-200	734.00	564.00	JT9D-7A	4	46.9	5.10	10	30	103.5	101.2	106.9	3	30
BOEING	B-747-200	775.00	564.00	JT9D-7F	4	48.0	5.10	10	30	108.6	98.9	107.2	2	* **
BOEING	B-747-200	785.00	564.00	JT9D-7R4G2	4	54.7	4.80	10	30	100.1	98.6	105.4	2	**
BOEING	B-747-200	775.00	585.00	CF6-50E	4	52.5	4.10	10	30	100.7	101.1	105.9	3	
BOEING	B-747-200	773.00	585.00	JT9D-3AWET	4	45.8	5.10	10	30	109.1	98.7	106.7	2	* **
BOEING	B-747-200	833.00	585.00	RB211-524C2	4	51.6	4.30	10	30	106.5	99.7	107.0	3	*
BOEING	B-747-200	833.00	600.00	JT9D-7Q	4	53.0	4.90	10	30	103.2	103.5	106.6	3	
BOEING	B-747-200	820.00	630.00	CF6-50E	4	52.5	4.10	10	30	102.5	100.9	107.0	3	
BOEING	B-747-200	833.00	630.00	CF6-50E2	4	52.5	4.10	10	30	102.6	101.7	106.5	3	
BOEING	B-747-200	820.00	630.00	CF6-50E2	4	52.5	4.10	10	30	102.1	101.7	106.5	3	
BOEING	B-747-200	710.00	630.00	JT9D-3A	4	43.6	5.10	10	25	104.4	100.8	105.7	3	30
BOEING	B-747-200	734.00	630.00	JT9D-7	4	46.3	5.10	10	25	104.2	101.3	105.2	3	30

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AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#		TO	AP	TO	SL	AP		
BOEING	B-747-200	820.00	630.00	JT9D-70A	4	53.0	4.90	10	30	101.1	98.5	106.0	3	
BOEING	B-747-200	734.00	630.00	JT9D-7A	4	46.9	5.10	10	25	103.5	101.2	105.0	3	30
BOEING	B-747-200	785.00	630.00	JT9D-7A	4	47.0	5.10	10	30	109.3	98.7	107.3	2	* **
BOEING	B-747-200	750.00	630.00	JT9D-7F	4	48.0	5.10	10	25	103.5	102.0	106.0	3	30
BOEING	B-747-200	800.00	630.00	JT9D-7F	4	48.0	5.10	10	30	109.7	98.8	107.8	2	* **
BOEING	B-747-200	805.00	630.00	JT9D-7FW	4	50.0	5.10	10	30	109.4	99.2	107.8	2	* **
BOEING	B-747-200	812.00	630.00	JT9D-7FW/-7J	4	50.0	5.10	10	30	109.7	99.2	107.4	2	* **
BOEING	B-747-200	770.00	630.00	JT9D-7J	4	50.0	5.10	10	25	103.6	103.0	106.0	3	30
BOEING	B-747-200	800.00	630.00	JT9D-7J	4	50.0	5.10	10	30	109.3	99.2	107.8	2	* **
BOEING	B-747-200	833.00	630.00	JT9D-7Q	4	53.0	4.90	10	25	103.2	103.5	104.4	3	
BOEING	B-747-200	833.00	630.00	JT9D-7R4G2	4	54.7	4.80	10	30	102.4	97.9	106.6	2	**
BOEING	B-747-200	785.00	630.00	JT9D-7WET	4	47.9	5.10	10	30	108.7	99.1	107.3	2	* **
BOEING	B-747-200	800.00	630.00	RB211-524B/B2	4	50.1	4.30	10	30	105.5	96.0	107.3	2	* **
BOEING	B-747-200	820.00	630.00	RB211-524B/B2	4	50.1	4.30	10	30	105.5	95.6	107.3	2	**
BOEING	B-747-200	833.00	630.00	RB211-524D4	4	53.1	4.20	10	30	103.9	99.7	104.9	3	
BOEING	B-747-300	600.00	564.00	CF6-80C2B1	4	56.7	5.00	10	30	89.8	99.1	102.5	3	
BOEING	B-747-300	775.00	564.00	RB211-524D4	4	53.1	4.20	10	30	101.5	97.1	104.3	2	**
BOEING	B-747-300	800.00	585.00	JT9D-70A	4	53.0	4.90	10	30	99.2	95.8	105.4	2	**

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AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW MLW		ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	10	AP	10	SL	AP		
BOEING	B-747-300	775.00	585.00	RB211-524B2	4	50.1	4.30	10	30	103.3	96.1	106.5	2	**
BOEING	B-747-300	800.00	630.00	CF6-50E2	4	52.5	4.30	10	30	101.6	101.8	106.5	3	
BOEING	B-747-300	820.00	630.00	JT9D-70A	4	53.0	4.90	10	30	100.2	95.5	105.3	2	**
BOEING	B-747-300	833.00	630.00	JT9D-7R4G2	4	54.8	4.80	10	30	102.4	101.3	106.6	3	
BOEING	B-747-300	785.00	630.00	JT9D-7R4G2	4	54.8	4.80	10	30	100.1	101.5	106.6	3	
BOEING	B-747-300	820.00	630.00	RB211-524B2	4	50.1	4.30	10	30	105.5	95.6	107.3	2	**
BOEING	B-747-300	833.00	630.00	RB211-524D4	4	53.1	4.20	10	30	103.9	96.5	104.9	2	**
BOEING	B-747-300	833.00	666.00	CF6-80C2B1	4	56.7	5.00	10	30	99.0	98.2	105.2	3	
BOEING	B-747-400	600.00	564.00	CF6-80C2B1F	4	57.9	5.00	10	30	89.6	99.1	101.7	3	
BOEING	B-747-400	600.00	564.00	PW4056	4	56.7	4.80	10	30	89.5	100.7	103.1	3	
BOEING	B-747-400	600.00	564.00	RB211-524G	4	58.0	4.30	10	30	90.3	98.9	102.4	3	
BOEING	B-747-400	600.00	564.00	RB211-524H	4	60.6	4.10	10	30	89.7	99.7	102.4	3	
BOEING	B-747-400	870.00	652.00	CF6-80C2	4	60.2	5.20		25	99.7	98.3	101.4	3	
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F	4	57.3	5.00	10	30	99.8	98.2	103.8	3	
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F W/N1 MOD	4	57.3	5.00	10	30	99.9	97.9	103.8	3	
BOEING	B-747-400	870.00	652.00	PW4056	4	56.7	4.80	10	30	101.5	99.7	104.7	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2B)	4	56.8	4.80	10	30	99.7	98.6	103.6	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C)	4	56.8	4.80	10	30	98.6	98.4	103.0	3	

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AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C) N	4	56.8	4.80	10	30	97.4	98.1	102.1	3	
BOEING	B-747-400	875.00	652.00	PW4056 PKG A (FB2T)	4	56.8	4.80	10	30	101.6	99.7	104.7	3	
BOEING	B-747-400	875.00	652.00	PW4056 PKG B/PHASE	4	56.8	4.80	10	30	99.3	98.5	103.4	3	
BOEING	B-747-400	875.00	652.00	RB211-524G	4	58.0	4.10	10	30	99.2	98.0	103.8	3	
BOEING	B-747-400	870.00	652.00	RB211-524H	4	60.6	4.10	10	30	99.5	98.8	103.8	3	
BOEING	B-747-400	875.00	652.00	RB211-524H2	4	58.0	4.10	10	30	98.0	98.8	103.8	3	
BOEING	B-747-SP	702.00	410.00	RB211-524D4	4	51.6	4.20	10	30	99.2	99.8	107.0	3	
BOEING	B-747-SP	660.00	450.00	JT9D-7A	4	47.0	5.10	10	30	99.6	101.3	102.5	3	
BOEING	B-747-SP	702.00	450.00	JT9D-7J	4	50.0	5.10	10	30	100.1	103.3	103.2	3	
BOEING	B-747-SP	696.00	450.00	RB211-524B2	4	50.1	4.30	10	30	99.5	99.8	103.2	3	
BOEING	B-747-SP	701.00	465.00	JT9D-7A	4	47.0	5.10	10	30	102.0	101.1	102.9	3	
BOEING	B-747-SP	660.00	475.00	JT9D-7F	4	48.0	5.10	10	30	98.7	102.3	103.8	3	
BOEING	B-747-SP	702.00	475.00	JT9D-7J	4	50.0	5.10	10	30	100.1	103.3	103.8	3	
BOEING	B-747-SP	696.00	475.00	JT9D-7J	4	50.0	5.10	10	30	99.8	103.5	103.8	3	
BOEING	B-747-SR	571.00	564.00	CF6-45A2	4	46.5	4.10	10	30	98.4	93.2	105.4	3	
BOEING	B-747-SR	610.00	564.00	JT9D-7A	4	47.0	5.10	10	30	101.8	101.6	106.9	3	*
BOEING	B-747-SR	570.00	564.00	JT9D-7A	4	47.0	5.10	10	30	100.2	101.8	106.9	2	*
BOEING	B-757-200	220.00	198.00	PW 2037	2	38.2	5.80	5	30	86.2	94.0	97.7	3	

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APPENDIX 1AIRCRAFT NOISE DATA FOR
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MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#		TO	AP	TO	SL	AP		
BOEING	B-757-200	220.00	198.00	PW 2040	2	41.7	5.70	5	30	84.6	94.5	97.7	3	
BOEING	B-757-200	220.00	198.00	RB211-535-E4	2	40.1	4.10	5	30	82.2	93.3	95.0	3	
BOEING	B-757-200	220.00	198.00	RB211-535C	2	37.4	4.50	5	30	85.5	94.0	100.3	3	
BOEING	B-757-200	220.00	198.00	RB211-535E4-B	2	43.1	4.10	5	30	81.3	94.4	95.0	3	
BOEING	B-757-200	255.50	210.00	PW 2037	2	38.2	5.80	5	30	91.4	93.7	98.1	3	
BOEING	B-757-200	255.50	210.00	PW 2040	2	41.7	5.70	5	30	89.7	94.2	98.1	3	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	2	40.1	4.10	5	30	86.8	93.0	95.2	3	
BOEING	B-757-200	240.00	210.00	RB211-535C	2	37.4	4.50	5	25	88.1	93.8	99.6	3	
BOEING	B-757-200	255.50	210.00	RB211-535E4-B	2	43.1	4.10	5	30	85.7	94.1	95.2	3	
BOEING	B-767-200	279.90	257.00	CF6-80A	2	48.0	4.60	1	30	84.9	95.5	101.4	3	
BOEING	B-767-200	279.90	257.00	CF6-80A2	2	50.0	4.60	1	30	84.2	97.2	101.4	3	
BOEING	B-767-200	282.00	257.00	JT9D-7R4D(A)	2	48.0	5.00	1	30	87.7	95.7	101.8	3	
BOEING	B-767-200	282.00	257.00	JT9D-7R4D(B)	2	48.0	5.00	1	30	88.4	95.9	101.9	3	
BOEING	B-767-200	282.00	257.00	JT9D-7R4E	2	50.0	5.00	1	30	87.5	96.8	101.9	3	
BOEING	B-767-200	300.00	270.00	CF6-80C2-B2	2	52.5	5.00	1	30	85.2	94.1	95.7	3	
BOEING	B-767-200	351.00	270.00	CF6-80C2-B4	2	57.9	5.00	1	30	87.7	95.3	95.7	3	
BOEING	B-767-200	335.00	270.00	PW4052	2	52.0	4.80	1	30	89.4	95.0	97.8	3	
BOEING	B-767-200	340.00	270.00	PW4056	2	56.7	4.80	1	30	88.5	96.0	97.8	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
BOEING	B-767-200	351.00	285.00	PW4052	2	52.0	4.80	1	30	90.9	94.9	98.2	3	
BOEING	B-767-200	360.00	300.00	CF6-80A	2	48.0	4.60	1	30	92.8	94.8	101.7	3	
BOEING	B-767-200	360.00	300.00	CF6-80A2	2	50.0	4.60	1	30	91.7	96.5	101.7	3	
BOEING	B-767-200	351.00	300.00	CF6-80C2-B2	2	52.5	5.00	1	30	89.5	93.7	96.4	3	
BOEING	B-767-200	387.00	300.00	CF6-80C2-B4	2	57.9	5.00	1	30	90.6	95.0	96.4	3	
BOEING	B-767-200	351.00	300.00	JT9D-7R4D(A)	2	48.0	5.00	1	30	95.1	95.2	102.7	3	
BOEING	B-767-200	360.00	300.00	JT9D-7R4D(B)	2	48.0	5.00	1	30	96.2	95.3	102.6	3	
BOEING	B-767-200	360.00	300.00	JT9D-7R4E	2	50.0	5.00	1	30	95.4	96.2	102.6	3	
BOEING	B-767-200	400.00	300.00	PW 4056	2	56.7	4.80	1	30	93.7	95.5	98.6	3	
BOEING	B-767-200/200ER	300.00	270.00	CF6-80C2B2F	2	52.5	5.00	1	30	85.1	93.8	95.8	3	
BOEING	B-767-200/200ER	300.00	270.00	CF6-80C2B4F	2	57.9	5.00	1	30	83.7	95.2	95.8	3	
BOEING	B-767-200/200ER	299.60	270.00	PW4056 PH3 (FB2C) N	2	56.8	4.80	1	30	81.8	95.1	95.9	3	
BOEING	B-767-200/200ER	340.00	270.00	PW4060	2	60.0	4.80	1	30	87.7	97.3	97.8	3	
BOEING	B-767-200/200ER	299.60	270.00	PW4060 PH3 (FB2C) N	2	60.0	4.80	1	30	81.6	96.4	95.9	3	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B2F	2	52.5	5.00	1	30	90.2	93.4	96.5	3	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B4F	2	57.9	5.00	1	30	88.5	94.8	96.5	3	
BOEING	B-767-200/200ER	387.00	300.00	CF6-80C2B4F W/N1 MOD	2	57.9	5.00	1	30	90.6	94.6	96.5	3	
BOEING	B-767-200/200ER	400.00	300.00	CF6-80C2B6F W/N1 MOD	2	61.5	5.00	1	30	90.5	95.5	96.5	3	

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UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>	<u>BPR</u>	<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>		<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
BOEING	B-767-200/200ER	395.00	300.00	PW4056 PH3 (FB2C) N	2	56.8	4.80	1	30	89.8	94.5	96.6	3	
BOEING	B-767-200/200ER	387.00	300.00	PW4060	2	60.0	4.80	1	30	91.6	96.9	98.6	3	
BOEING	B-767-200/200ER	395.00	300.00	PW4060 PH3 (FB2C) N	2	60.0	4.80	1	30	89.0	95.9	96.6	3	
BOEING	B-767-300	300.00	280.00	CF6-80A	2	48.0	4.60	5	30	87.5	95.2	101.7	3	
BOEING	B-767-300	300.00	280.00	CF6-80A2	2	50.0	4.60	5	30	86.7	96.9	101.7	3	
BOEING	B-767-300	380.00	280.00	CF6-80C2-B4	2	57.9	5.00	5	30	90.2	95.3	96.5	3	
BOEING	B-767-300	380.00	280.00	CF6-80C2-B6	2	61.5	5.00	5	30	89.2	96.4	96.5	3	
BOEING	B-767-300	288.70	280.00	CF6-80C2B2	2	52.5	5.00	5	30	83.1	94.3	96.5	3	
BOEING	B-767-300	380.00	280.00	CF6-80C2B6F	2	61.5	5.00	5	30	89.1	96.1	96.6	3	
BOEING	B-767-300	300.00	280.00	JT9D-7R4D(B)	2	48.0	5.00	5	30	91.0	95.7	102.3	3	
BOEING	B-767-300	300.00	280.00	JT9D-7R4E	2	50.0	5.00	5	30	90.0	96.5	102.3	3	
BOEING	B-767-300	380.00	280.00	PW 4056	2	56.7	4.80	5	30	92.0	96.0	98.8	3	
BOEING	B-767-300	380.00	280.00	PW4060	2	60.0	4.80	5	30	91.2	97.2	98.8	3	
BOEING	B-767-300	340.00	280.00	RB211-524G	2	58.0	4.30	5	30	89.4	94.3	98.5	3	
BOEING	B-767-300	340.00	280.00	RB211-524H	2	60.6	4.10	5	30	88.7	95.2	98.5	3	
BOEING	B-767-300	351.00	320.00	CF6-80A	2	48.0	4.60	5	30	92.0	94.9	101.7	3	
BOEING	B-767-300	351.00	320.00	CF6-80A2	2	50.0	4.60	5	30	91.2	96.5	101.7	3	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B4	2	57.9	5.00	5	30	92.1	95.2	98.4	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>		<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>	<u>BPR</u>	<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
BOEING	B-767-300	407.00	320.00	CF6-80C2-B6	2	61.5	5.00	5	30	91.1	96.3	98.4	3	
BOEING	B-767-300	407.00	320.00	CF6-80C2B6F	2	61.5	5.00	5	30	90.9	96.0	98.5	3	
BOEING	B-767-300	351.00	320.00	JT9D-7R4D(B)	2	48.0	5.00	5	30	95.7	95.4	103.0	3	
BOEING	B-767-300	351.00	320.00	JT9D-7R4E	2	50.0	5.00	5	30	95.0	96.2	103.0	3	
BOEING	B-767-300	407.00	320.00	PW 4056	2	56.7	4.80	5	30	94.2	95.7	100.2	3	
BOEING	B-767-300	407.00	320.00	PW 4060	2	60.0	4.80	5	30	93.2	97.0	100.2	3	
BOEING	B-767-300	407.00	320.00	RB211-524G	2	58.0	4.30	5	30	93.8	94.0	99.8	3	
BOEING	B-767-300	407.00	320.00	RB211-524H	2	60.6	4.10	5	30	92.9	94.8	99.8	3	
BOEING	B-767-300/300ER	295.00	280.00	PW4056 PH3 (FB2C) N	2	56.0	4.80	5	30	81.9	95.3	96.6	3	
BOEING	B-767-300/300ER	295.00	280.00	PW4060 PH3 (FB2C) N	2	60.0	4.80	5	30	81.5	96.6	96.6	3	
BOEING	B-767-300/300ER	345.00	280.00	PW4062 PH3 (FB2C) N	2	62.0	4.80	5	30	84.6	98.0	96.6	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4056 PH3 (FB2C) N	2	56.0	4.80	5	30	91.0	94.6	97.6	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4060 PH3 (FB2C) N	2	60.0	4.80	5	30	90.3	95.9	97.9	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 (FB2B)	2	62.0	4.80	5	30	92.2	99.0	100.2	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 PH3 (FB2C) N	2	62.0	4.80	5	30	89.9	97.6	97.9	3	
BOEING	B-777-200	545.00	445.00	GE90-76B	2	77.0	8.30	5	30	88.8	93.2	97.6	3	
BOEING	B-777-200	506.00	445.00	GE90-76B	2	77.0	8.30	5	30	86.7	93.3	97.6	3	
BOEING	B-777-200	545.00	445.00	PW4077	2	77.0	6.20	5	30	90.6	95.7	99.4	3	

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<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>	<u>BPR</u>	<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>		<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
BOEING	B-777-200	447.50	445.00	PW4077	2	77.0	6.20	5	30	86.8	96.1	99.4	3	
BOEING	B-777-200	506.00	445.00	TRENT875	2	75.0	5.90	5	30	91.7	95.2	99.8	3	
BOEING	B-777-200	545.00	445.00	TRENT875	2	75.0	5.90	5	30	93.7	95.1	99.8	3	
BOEING	B-777-200	506.00	445.00	TRENT877	2	76.9	5.90	5	30	91.1	95.5	99.8	3	
BOEING	B-777-200	545.00	445.00	TRENT877	2	76.9	5.90	5	30	93.1	95.4	99.8	3	
BOEING	B-777-200	632.50	460.00	GE-90-90B	2	90.0	8.30	5	30	90.1	95.0	97.8	3	
BOEING	B-777-200	632.50	460.00	TRENT884	2	86.5		5	30	94.3	96.9	99.4	3	
BOEING	B-777-200	545.00	460.00	TRENT892	2	92.5	5.70	5	30	88.3	98.1	99.4	3	
BOEING	B-777-200	632.50	460.00	TRENT892	2	92.5	5.70	5	30	92.9	97.8	99.4	3	
CANADAIK	CL-600	36.00	33.00	ALF-502	2	7.50	5.00	20	45	81.6	89.3	91.2	3	*
CANADAIK	CL-600	40.40	36.00	ALF-502L/L-2/L-2C	2	7.50	5.00	20	45	84.0	87.2	91.6	3	*
CANADAIK	CL-600	41.25	36.00	ALF-502L/L-2/L-2C	2	7.50	5.00	20	45	84.7	89.5	91.6	3	*
CANADAIK	CL-600 (WINGLETS)	41.25	36.00	ALF-502L/L-2/L-2C	2	7.50	5.00	20	45	84.8	89.5	91.6	3	
CANADAIK	CL-601	42.10	36.00	CF34-1A	2	8.65	6.30	20	45	79.4	84.9	89.4	3	*
CANADAIK	CL-601	43.00	36.00	CF34-1A	2	8.65	6.30	20	45	79.9	84.8	89.4	3	*
CANADAIK	CL-601-1A	45.10	36.00	CF-34-1A	2	8.65	6.30	20	45	80.5	84.6	90.1	3	*
CANADAIK	CL-601-3A	43.10	36.00	CF-34-3A	2	8.72	6.30	20	45	79.4	85.9	89.4	3	*
CANADAIK	CL-601-3A	45.10	36.00	CF-34-3A/-3A2	2	8.72	6.30	20	45	79.8	85.7	90.1	3	*

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>		<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>	<u>BPR</u>	<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
CANADAIR	CL-601-3R	45.10	36.00	CF-34-3A1	2	8.72	6.30	20	45	79.8	85.7	90.1	3	*
CANADAIR	CL-604	47.60	38.00	GE CF34-3B	2	8.72	6.30	20	45	80.9	86.2	90.3	3	*
CANADAIR	CL-604	48.20	38.00	GE CF34-3B	2	8.72	6.30	20	45	81.2	86.2	90.3	3	*
CANADAIR	CRJ (CL-600-2B19)	53.00	47.00	CF-34-3A1	2	8.65	6.30	20	45	79.8	82.2	92.1	3	
CANADAIR	CRJ (CL-600-2B19)	53.00	47.00	CF-34-3B1	2			20	45	78.7	82.4	92.1	3	
CESSNA	500 CITATION	10.30	9.90	JT15D-1	2	2.20	3.30	15	40	76.4	86.1	87.7	3	*
CESSNA	500/501 CITATION I	11.80	11.30	JT15D-1/-1A	2	2.20	3.30	15	40	78.0	86.2	87.9	3	*
CESSNA	525 CESSNA JET	10.40	9.70	FJ44-1A	2	3.20	1.90	15	35	73.4	83.7	92.1	3	
CESSNA	550 CITATION II	13.30	12.70	JT15D-4	2	2.50	3.30	15	40	80.1	86.7	90.5	3	*
CESSNA	550 CITATION II	14.10	13.50	JT15D-4	2	2.50	3.30	0	40	71.6	86.4	90.5	3	
CESSNA	551 CITATION II	12.50	12.00	JT15D-4	2	2.50	3.30	15	40	80.1	86.7	90.5	3	*
CESSNA	552	15.50	14.30	JT15D-5	2	2.90	2.10	20	35	89.3	94.7	88.5	3	*
CESSNA	560 CITATION V	15.90	15.20	JT15D-5A	2	2.90	2.10	7	35	83.7	94.7	88.9	3	
CESSNA	560 CITATION V	16.30	15.20	JT15D-5A	2	2.90	2.10	7	35	84.6	94.6	88.9	3	
CESSNA	650 CITATION III	21.00	17.00	TFE731-3B-100S	2	3.65	3.11	20	37	84.9	92.5	92.4	3	
CESSNA	650 CITATION III	22.00	20.00	TFE731-3B-100S	2	3.65	3.11	7	37	80.1	92.4	93.8	3	22
CESSNA	750 CITATION X	35.70	31.80	AE3007C	2	7.20	5.00	15	35	72.3	83.0	90.2	3	
CESSNA	S550 CITATION S/II	14.70	14.00	JT15D-4B	2	2.50	3.30	20	35	87.9	91.6	85.1	3	*

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APPENDIX 1AIRCRAFT NOISE DATA FOR
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<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>	<u>BPR</u>	<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>		<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
CESSNA	S550 CITATION S/II	15.10	14.40	JT15D-4B	2	2.50	3.30	7	35	80.0	91.3	86.2	3	
DASSAULT	FALCON 10	18.30	17.20	TFE731-2	2	3.20	2.80	15	52	82.9	86.4	95.3	3	
DASSAULT	FALCON 10	19.30	17.64	TFE731-2-1C	2	2.00	3.23	15	52	82.2	86.2	95.2	3	
DASSAULT	FALCON 20-C/D/E	28.60	27.30	CF700-2D-2	2	4.50	2.00	15	40	90.0	92.3	101.7	2	
DASSAULT	FALCON 20-C/D/E/F	28.60	27.30	CF700-2D-2Q	2	4.50	2.00	0	40	81.9	94.0	99.7	3	
DASSAULT	FALCON 20-C5/D5/E5	29.10	27.76	TFE-731-5BR-2C	2	4.80	3.70	15	40	80.3	90.7	90.7	3	34
DASSAULT	FALCON 20-C5/D5/E5	29.10	27.76	TFE731-5AR-2C	2	4.50	3.70	15	40	82.9	88.4	90.7	3	
DASSAULT	FALCON 20-C5/D5/E5	30.50	28.80	TFE731-5BR-2C	2	4.80	3.70	15	40	82.9	91.9	90.6	3	
DASSAULT	FALCON 20-F	28.60	27.30	CF700-2D-2	2	4.50	2.00	10	40	90.0	92.3	103.0	2	
DASSAULT	FALCON 20-F5	29.10	27.76	TFE-731-5BR-2C	2	4.80	3.70	10	40	79.3	90.9	90.0	3	34
DASSAULT	FALCON 20-F5	29.10	27.76	TFE731-5AR-2C	2	4.50	3.50	10	40	81.8	88.6	90.0	3	
DASSAULT	FALCON 20-F5	30.50	28.80	TFE731-5BR-2C	2	4.80	3.70	10	40	81.9	92.1	90.3	3	
DASSAULT	FALCON 20-G	32.00	27.56	ATF3-6-2C	2	5.40		10	40	87.5	88.3	95.9	3	
DASSAULT	FALCON 200	32.00	27.60	ATF3-6A-4C	2	5.20	2.90	5	40	83.9	89.0	93.9	3	
DASSAULT	FALCON 200	32.00	28.88	ATF3-6A-4C	2	5.20	2.90	5	40	83.9	89.0	94.2	3	
DASSAULT	FALCON 2000	36.50	33.00	CFE738-1-1B	2	5.72	6.00	20	40	79.4	86.4	93.1	3	
DASSAULT	FALCON 50	38.80	35.70	TFE731-3-1C	3	3.70	2.80	20	48	84.3	91.6	97.4	3	
DASSAULT	FALCON 50	40.78	35.71	TFE731-3-1C	3	3.70	2.80	20	48	84.8	91.5	97.1	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TQ	AP	TQ	SL	AP		
DASSAULT	FALCON 50	40.78	35.71	TFE731-40-1C	3			20	40	83.8	92.0	95.2	3	
DASSAULT	FALCON 900	45.50	42.00	TFE731-5AR-1C	3	4.50	3.50	20	40	81.9	89.5	91.7	3	
DASSAULT	FALCON 900B	46.50	42.00	TFE731-5BR-1C	3	4.75	3.50	20	40	80.7	91.2	91.7	3	
DASSAULT	FALCON 900B	45.50	42.00	TFE731-5BR-1C	3	4.75	3.50	20	40	79.8	91.2	91.7	3	
FOKKER	F100	98.00	88.00	TAY MK650-15	2	14.7	3.00	0	42	81.8	91.7	93.0	3	
FOKKER	F28 MK1000	65.00	59.00	SPEY MK555-15	2	9.39	1.00	6	42	90.0	99.5	101.2	2	
FOKKER	F28 MK2000	65.00		SPEY MK555-15	2	9.90	1.00	6	42	90.0	99.5	101.8	2	*
FOKKER	F28 MK3000	71.00	64.00	SPEY MK555-15H	2	9.77	1.00	6	42	91.0	99.3	99.4	2	
FOKKER	F28 MK4000	73.00	65.80	SPEY MK555-15H	2	9.77	1.00	6	42	91.9	99.2	99.4	2	
FOKKER	F28 MK4000	73.00	69.50	SPEY MK555-15P	2	9.85	1.00	6	42	92.9	101.7	101.4	2	
FOKKER	F70	81.00	75.00	TAY MK620-15	2	13.8	3.00	0	42	76.8	89.9	87.7	3	
FOKKER	F70	92.00	81.00	TAY MK620-15	2	13.8	3.00	0	42	80.1	89.5	88.3	3	
GULFSTREAM	G-II GULFSTREAM	62.00	58.50	SPEY 511-8	2	11.4	0.64	20	39	90.0	102.7	98.2	2	12
GULFSTREAM	G-II GULFSTREAM	65.50	58.50	SPEY 511-8	2	11.4	0.64	10	39	92.5	103.0	98.4	2	12
GULFSTREAM	G-IIB/G-III	69.70	58.50	SPEY 511-8	2	11.4	0.64	10	39	91.1	103.4	97.3	2	12
GULFSTREAM	G-IV	73.20	58.50	TAY 611-8	2	13.8	3.00	10	39	76.8	87.3	91.0	3	
GULFSTREAM	G-IV GULFSTREAM	71.70	58.50	TAY 610-8	2	12.4		20	39	79.0	86.5	91.0	3	
GULFSTREAM	G-IV GULFSTREAM w/ASC 1	74.60	66.00	TAY 611-8	2	13.8	3.00	10	39	77.5	86.6	92.0	3	

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UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW MLW		ENGINE MODEL	NO.	THRUST		F ₄₀ APS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
GULFSTREAM	G-V	90.50	75.30	BR700-710A1-10	2	14.7	4.20	20	39	83.3	89.3	90.9	3	
ISRAEL AIRCRAFT	1124 WESTWIND	22.90	19.00	TFE731-3-1G	2	3.70	2.80	20	40	81.2	88.4	93.0	3	
ISRAEL AIRCRAFT	1124A WESTWIND 2	23.50	19.00	TFE731-3-1G	2	3.70	2.80	20	40	85.4	88.7	92.8	3	*
ISRAEL AIRCRAFT	1125 ASTRA	23.50	20.70	TFE721-3A-200G	2			12	40	82.3	89.8	89.8	3	
ISRAEL AIRCRAFT	1125 ASTRA	24.70	20.70	TFE731-3A-200G	2			12	40	84.1	89.7	89.8	3	
ISRAEL AIRCRAFT	1125 ASTRA SPX	24.65	20.70	TFE731-40R	2			0	40	79.9	89.9	92.3	3	
LEARJET	23 Raisbeck MK II	12.50	11.90	CJ610-1/-4	2	1.34		10		88.0	103.8	98.0	2	
LEARJET	24 Raisbeck MK II	13.00	11.90	CJ610-1/-4	2	1.39		10		89.0	103.8	98.0	2	
LEARJET	24/24D	13.50	11.90	CJ610-6	2	2.95		20	40	91.8	99.3	100.7	2	13
LEARJET	24B/D Raisbeck MK II	13.50	11.88	CJ610	2			10	40	87.6	104.0	98.0	2	
LEARJET	24D	13.50	11.90	CJ610-6	2	2.95		20	40	91.8	99.3	101.7	2	14
LEARJET	24D	13.50	11.90	CJ610-6	2	2.95		20	40	91.9	104.0	96.7	2	
LEARJET	24E	12.90	11.90	CJ610-6	2	2.95		8	40	84.3	103.9	95.3	2	
LEARJET	24F	13.50	11.90	CJ610-6	2	2.95		8	40	85.8	103.7	95.3	2	
LEARJET	24F-A	12.50	11.90	CJ610-6	2	2.95		8	40	83.6	103.9	95.3	2	
LEARJET	25	16.00	13.30	CJ610-6	2			10	40	93.5	103.9	99.0	2	
LEARJET	25	15.00	13.30	CJ610-6	2	2.95				94.0	99.3	100.8	2	
LEARJET	25/25B/C Raisb MK II	15.00	13.30	CJ610	2			10	40	91.0	103.8	99.0	2	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>		<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>	<u>BPR</u>	<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
LEARJET	25B/C/D/F XR Dee Hwd	16.30	13.30	CJ610-6/8A		2.95		10	40	93.5	103.9	99.0	2	
LEARJET	25C	15.00	13.30	CJ610-6	2	2.95		20	40	94.0	99.3	100.8	2	13
LEARJET	25D	15.00	13.30	CJ610-6	2	2.95		20	40	94.0	99.3	102.7	2	14
LEARJET	25D/25F	15.00	13.30	CJ610-6/8A	2	2.95		8	40	90.9	103.7	95.2	2	
LEARJET	28/29	15.00	14.30	CJ610-8A	2	2.95		8	40	87.0	99.7	101.7	2	
LEARJET	31	16.50	15.30	TFE731-2-3B	2	3.50		8	40	81.0	87.0	92.6	3	°
LEARJET	31	15.50	15.30	TFE731-2-3B	2	3.50		8	40	79.6	87.2	92.6	3	°
LEARJET	35/36	18.00	14.30	TFE731-2-2B	2	3.50	2.64	20	40	84.5	87.9	92.2	3	°
LEARJET	35/36	17.00	14.30	TFE731-2-2B	2	3.50	2.64	20	40	84.0	86.9	92.2	3	°
LEARJET	35A	18.00	14.30	TFE731-2-2B	2	3.50	2.64	8	40	83.6	87.4	91.3	3	°
LEARJET	35A/36A	18.00	14.30	TFE731-2-2B	2	3.50	2.64	8	40	78.7	87.4	91.3	3	
LEARJET	35A/36A	18.30	15.30	TFE731-2-2B	2	3.50	2.64	8	40	79.2	86.7	91.4	3	
LEARJET	36A	18.30	15.30	TFE731-2-2B	2	3.50	2.64	20	40	83.9	87.8	91.4	3	°
LEARJET	55	21.00	17.00	TFE731-3A-2B	2	3.70		8	40	85.5	90.7	90.6	3	°
LEARJET	55	19.50	17.00	TFE731-3A-2B	2	3.70		8	40	84.2	90.9	90.6	3	°
LEARJET	55B	21.50	18.00	TFE731-3A-2B	2	3.70		20	40	86.3	90.7	91.0	3	°
LEARJET	55C	21.50	18.00	TFE731-3AR-2B	2	3.90	2.90	20	40	86.7	90.9	92.4	3	°
LEARJET	55C	21.00	18.00	TFE731-3AR-2B	2	3.90	2.90	20	40	86.2	91.0	92.4	3	°

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UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW MLW		ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
LEARJET	60	23.10	19.50	PW305A	2			8	40	70.8	83.1	87.7	3	
LEARJET	M55C	21.50	17.00	TFE731-3AR-3B	2			20	40	87.0	91.4	92.4	3	*
LEARJET	M55C	21.00	17.00	TFE731-3AR-3B	2			20	40	86.7	91.5	92.4	3	*
LOCKHEED	1329-23 (AIRESEARCH)	43.80		TFE731-3-1E	4	3.70	2.80	20	59	92.7	88.1	96.9	2	**
LOCKHEED	1329-23A/D/E w/STAR 3 STC (ST00258SE)	44.25	36.00	TFE731-3-1R	4	3.70	2.80	20	59	85.2	90.7	96.9	3	
LOCKHEED	1329-25 (AIRESEARCH)	44.50	36.00	TFE731-3	4	3.70	2.80			93.1	88.1	96.9	2	**
LOCKHEED	1329-25 w/STAR 3 STC# ST00259SE	44.50	36.00	TFE731-3-1R	4	3.70	2.80	20	59	85.4	90.7	96.9	3	
LOCKHEED	L-1011	430.00	358.00	RB211-22B	3	41.0	4.70	14	42	95.9	95.1	102.8	3	5 *
LOCKHEED	L-1011-1	430.00	358.00	RB211-22B	3	41.0	4.70	10	42	96.0	95.0	102.8	3	5 *
LOCKHEED	L-1011-100	466.00	368.00	RB211-22B	3	41.0	4.70	10	42	98.5	94.9	102.8	3	5 *
LOCKHEED	L-1011-200	466.00	368.00	RB211-524B	3	50.0	4.50	10	33	98.1	97.9	101.4	3	5 *
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B	3	50.0	4.50	14	33	98.4	97.8	101.5	3	5 *
LOCKHEED	L-1011-500	504.00	368.00	RB211-524B3	3	50.0	4.50	22	33	98.0	96.9	100.2	3	5 *
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B3	3	50.0	4.50	14	33	97.4	96.7	100.3	3	5 *
LOCKHEED	L-1011-500	510.00	368.00	RB211-524B4	3	50.0	4.50	10	33	99.3	96.4	102.0	3	*
LOCKHEED	L1011-385-1-14/15	474.00	368.00	RB211-22B	3	41.0	4.70	4	42	98.6	94.1	102.8	3	
LOCKHEED	L1011-385-1-14/15	466.00	368.00	RB211-524B4	3	50.0	4.50	10	42	97.9	95.9	103.3	3	*
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	4			15	25	99.9	103.1	104.5	2	6**

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	4			15	25	99.3	103.1	104.2	2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	286.00	207.00	JT3D-3B	4			15	25	101.3	103.0	104.6	2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	276.00	199.50	JT3D-1	4				35	101.9	99.9	107.1	2	6,**
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	276.00	199.50	JT3D-3B	4				35	99.1	101.5	107.0	2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	276.00	199.50	JT3D-3B	4				35	99.5	101.5	107.1	2	6,**
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	286.00	207.00	JT3D-3B	4				35	100.7	101.4	107.1	2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 W/BAC QN	276.00	199.50	JT3D-1	4				50	99.5	101.2	107.8	2	6,**
MCDONNELL DOUGLAS	DC-08-51 W/BAC QN	286.00	199.50	JT3D-3B	4				50	98.4	101.5	107.8	2	6,**
MCDONNELL DOUGLAS	DC-08-51 W/BAC QN	276.00	199.50	JT3D-3B	4			15	50	97.0	101.5	107.8	2	6,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	4			15	25	104.2	102.9	104.7	2	6,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	4			15	25	103.7	102.9	104.3	2	6,26,**
MCDONNELL DOUGLAS	DC-08-52 QNC PLS QN	300.00	202.00	JT3D-3B	4				35	103.2	101.3	107.2	2	6,**
MCDONNELL DOUGLAS	DC-08-52 QNC PLS QN	300.00	202.00	JT3D-3B	4				35	102.9	101.3	107.0	2	6,26,**
MCDONNELL DOUGLAS	DC-08-52 W/BAC QN	305.00	201.90	JT3D-3B	4			15	50	100.9	101.4	108.0	2	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	306.80	207.00	JT3D	4			15	25	105.2	102.8	105.0	2	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	315.00	207.00	JT3D-3B	4				35	104.9	101.2	107.1	2	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	309.80	207.00	JT3D-3B	4			15	25	105.2	102.8	104.6	2	6,26,**
MCDONNELL DOUGLAS	DC-08-53 QNC PLS QN	318.00	207.00	JT3D-3B	4				35	105.3	101.1	107.1	2	6,26,**

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MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	DC-08-53 W/BAC QN	315.00	203.30	JT3D-3B	4			15	50	102.3	101.3	108.1	2	6,**
MCDONNELL DOUGLAS	DC-08-54 W/BAC QN	315.00	217.00	JT3D-3B	4			15	35	102.3	101.3	105.1	2	6,**
MCDONNELL DOUGLAS	DC-08-54 W/BAC QN	315.00	240.00	JT3D-3B	4				50	102.3	101.3	107.9	2	6,**
MCDONNELL DOUGLAS	DC-08-55 (QNC QN)	309.80	217.00	JT3D-3B	4			15	25	105.2	102.8	105.2	2	6,26,**
MCDONNELL DOUGLAS	DC-08-55 QNC PLS QN	320.30	217.00	JT3D-3B	4				35	105.5	101.1	107.2	2	6,26,**
MCDONNELL DOUGLAS	DC-08-55 W/BAC QN	325.00	204.70	JT3D-3B	4			15	50	103.7	101.2	108.2	2	6,**
MCDONNELL DOUGLAS	DC-08-55 W/BAC QN	325.00	240.00	JT3D-3B	4			15	35	103.7	101.2	107.9	2	6,**
MCDONNELL DOUGLAS	DC-08-61 (QNC QN)	270.00	240.00	JT3D-3B	4			15	25	98.1	103.1	106.5	2	6,26,**
MCDONNELL DOUGLAS	DC-08-61 (QNC QN)	309.80	240.00	JT3D-3B	4			15	25	105.2	102.8	106.5	2	6,26,**
MCDONNELL DOUGLAS	DC-08-61 QNC PLS QN	320.30	240.00	JT3D-3B	4				35	105.5	101.1	107.2	2	6,**
MCDONNELL DOUGLAS	DC-08-61 QNC PLS QN	270.00	240.00	JT3D-3B	4				35	98.6	101.5	107.2	2	6,26,**
MCDONNELL DOUGLAS	DC-08-61 W/BAC QN	325.00	240.00	JT3D-3B	4			15	35	103.7	101.2	107.9	2	6,**
MCDONNELL DOUGLAS	DC-08-61F (QNC QN)	309.80	248.00	JT3D-3B	4			15	25	105.2	102.8	106.9	2	6,26,**
MCDONNELL DOUGLAS	DC-08-62 (BAC R-1)	350.00	240.00	JT3D-3B	4			12	35	100.5	101.2	100.2	3	6
MCDONNELL DOUGLAS	DC-08-62 (BAC/MGM)	348.00	240.00	JT3D-3B	4			12	35	100.5	101.2	100.7	3	6
MCDONNELL DOUGLAS	DC-08-62 W/ADC QN	335.00	240.00	JT3D-3B	4			12	50	102.5	98.2	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-62 W/ADC QN	335.00	240.00	JT3D-7	4			12	50	101.6	98.8	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-62 W/ADC QN	350.00	250.00	JT3D-3B	4			12	50	104.3	98.1	108.3	2	6,**

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MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	DC-08-62 W/ADC QN	350.00	250.00	JT3D-7	4			12	50	103.4	98.5	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-62 W/TNC QN	335.00	240.00	JT3D-3B	4			12	50	102.0	99.3	107.8	2	6,**
MCDONNELL DOUGLAS	DC-08-62 W/TNC QN	350.00	250.00	JT3D-3B	4			12	50	103.9	98.9	107.9	2	6,**
MCDONNELL DOUGLAS	DC-08-62 W/TNC QN	335.00	250.00	JT3D-7	4			12	35	101.6	101.7	106.4	2	6,**
MCDONNELL DOUGLAS	DC-08-62 W/TNC QN	355.00	275.00	JT3D-7	4			12	35	102.7	100.7	107.6	2	6,**
MCDONNELL DOUGLAS	DC-08-63 (BAC R-1)	355.00	275.00	JT3D-7	4			12	35	98.9	101.4	103.0	3	6
MCDONNELL DOUGLAS	DC-08-63 (BAC/MGM)	353.00	275.00	JT3D-7	4			12	35	98.9	101.4	103.0	3	6
MCDONNELL DOUGLAS	DC-08-63 W/ADC QN	355.00	245.00	JT3D-3B	4			12	50	104.8	98.1	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-63 W/ADC QN	355.00	245.00	JT3D-7	4			12	50	104.1	98.4	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-63 W/ADC QN	355.00	275.00	JT3D-3B	4			12	50	104.8	98.1	108.5	2	6,**
MCDONNELL DOUGLAS	DC-08-63 W/ADC QN	355.00	275.00	JT3D-7	4			12	50	104.1	98.4	108.4	2	6,**
MCDONNELL DOUGLAS	DC-08-63 W/TNC QN	335.00	240.00	JT 33	4			12	50	101.7	99.1	107.8	2	6,**
MCDONNELL DOUGLAS	DC-08-63 W/TNC QN	350.00	250.00	JT3D-3B	4			12	50	103.9	98.9	107.9	2	6,**
MCDONNELL DOUGLAS	DC-08-63 W/TNC QN	335.00	250.00	JT3D-7	4			12	35	100.7	101.0	106.5	2	6,**
MCDONNELL DOUGLAS	DC-08-63 W/TNC QN	355.00	275.00	JT3D-7	4			12	35	103.8	101.3	107.3	2	6,**
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM-56-2C5	4	22.0	6.00			94.3	92.9	98.3	3	*
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM56-2-C1	4	22.0	6.00	15	50	94.3	92.9	98.3	3	*
MCDONNELL DOUGLAS	DC-08-71	328.00	258.00	CFM56-2-C1	4	22.0	6.00	15	50	94.5	92.9	98.6	3	*

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MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	DC-08-72	335.00	240.00	CFM56-2-C1	4	22.0	6.00	12	50	94.4	92.9	98.1	3	*
MCDONNELL DOUGLAS	DC-08-72	350.00	250.00	CFM56-2-C1	4	22.0	6.00	12	50	95.2	92.8	98.2	3	*
MCDONNELL DOUGLAS	DC-08-73	355.00	258.00	CFM56-2-C1	4	22.0	6.00	12	50	95.7	92.8	98.3	3	*
MCDONNELL DOUGLAS	DC-08-73	355.00	275.00	CFM56-2-C1	4	22.0	6.00	12	50	95.7	92.8	98.5	3	*
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	309.80	207.00	JT3D-3B	4			15	25	105.2	102.8	104.6	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	306.80	207.00	JT3D-3B	4			15	25	105.2	102.8	105.0	2	6,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	306.80	217.00	JT3D-3B	4			15	25	105.2	102.8	105.6	2	6,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	309.80	240.00	JT3D-3B	4			15	25	105.2	102.8	106.5	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 QNC PLS QN	315.00	217.00	JT3D-3B	4				35	105.2	101.1	107.3	2	6,**
MCDONNELL DOUGLAS	DC-08F-54 QNC PLS QN	315.00	217.00	JT3D-3B	4				35	104.9	101.2	107.2	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 QNC PLS QN	315.00	240.00	JT3D-3B	4				35	104.9	101.2	107.4	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-55 (QNC QN)	309.80	240.00	JT3D-3B	4			15	25	105.2	102.8	106.5	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-55 QNC PLS QN	317.80	240.00	JT3D-3B	4				35	105.2	101.1	107.4	2	6,26,**
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7	2	14.0	1.10	10	50	91.4	100.8	103.1	2	24
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7/7A	2	14.0	1.10	10	50	91.4	101.4	100.4	2	1
MCDONNELL DOUGLAS	DC-09-10 (ABS)	90.70	81.70	JT8D-7/7A/7B	2			10	40	87.2	96.4	95.0	3	6
MCDONNELL DOUGLAS	DC-09-20 (ABS;STC SA1613G	100.00	93.40	JT8D-9/9A	2			0	40	88.8	96.9	95.7	3	
MCDONNELL DOUGLAS	DC-09-30	98.00	93.40	JT8D-15	2	15.5	1.03	0	50	91.2	101.1	98.4	2	1

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MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	DC-09-30	103.00	95.30	JT8D-7	2	14.0		0	50	95.3	99.3	103.5	2	16,24
MCDONNELL DOUGLAS	DC-09-30	103.00	98.10	JT8D-17	2	16.0	1.02	0	50	92.7	103.5	101.1	2	1
MCDONNELL DOUGLAS	DC-09-30	108.00	98.10	JT8D-17	2	16.0	1.02	0	50	94.3	103.7	101.1	2	1
MCDONNELL DOUGLAS	DC-09-30	108.00	99.00	JT8D-7A	2	14.0	1.10	0	50	95.1	97.3	97.3	2	1
MCDONNELL DOUGLAS	DC-09-30	103.00	99.00	JT8D-9	2	14.5	1.04	0	50	94.3	99.0	99.0	2	1
MCDONNELL DOUGLAS	DC-09-30	108.00	99.00	JT8D-9	2	14.5	1.00	0	50	96.4	100.3	103.7	2	24
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-7	2	14.0	1.10	0	50	95.9	97.1	97.3	2	1
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-7	2	14.0		0	50	97.5	99.0	104.3	2	16,24
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-9	2	14.5	1.00	0	50	97.0	100.3	104.3	2	24
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-15	2	15.5	1.03	0	50	95.8	100.5	99.0	2	1
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-9	2	14.5	1.04	0	50	97.1	99.0	99.4	2	1
MCDONNELL DOUGLAS	DC-09-30 (ABS)	111.00	101.00	JT8D-11	2			0	40	90.3	97.3	96.0	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA16136L)	103.00	99.00	JT8D-9/9A	2			0	40	89.7	96.8	96.0	3	12
MCDONNELL DOUGLAS	DC-09-30 (ABS/STC SA1613G)	107.00	101.00	JT8D-9/9A	2			0	40	90.1	97.1	96.0	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS)	111.00	101.00	JT8D-11	2			0	40	90.3	97.3	96.0	3	12
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1613GL)	103.00	99.00	JT8D-7/7A/7B	2			0	40	90.3	95.9	96.0	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1613GL)	105.00	101.00	JT8D-7/7A/7B	2			0	40	91.0	95.8	96.0	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1613GL)	105.00	101.00	JT8D-9/9A	2			0	40	90.3	96.7	96.1	3	

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MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	103.00	99.00	JT8D-7/7A/7B	2			0	40	90.4	95.9	96.0	3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	103.00	99.00	JT8D-9/9A	2			0	40	89.7	96.8	96.0	3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-7/7A/7B	2			0	40	91.0	96.2	96.0	3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-9/9A	2			0	40	90.1	97.1	96.0	3	
MCDONNELL DOUGLAS	DC-09-31/32/32F/33F(ABS;STC SA1613GL)	103.00	99.00	JT8D-7/7A/7B	2			0	40	90.3	95.9	96.0	3	
MCDONNELL DOUGLAS	DC-09-31/32/32F/33F(ABS;STC SA1613GL)	107.00	101.00	JT8D-7/7A/7B	2			0	40	91.0	96.2	96.0	3	
MCDONNELL DOUGLAS	DC-09-34	110.00	101.00	JT8D-9	2	14.5	1.00	0	50	96.1	98.8	99.1	2	1
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-15	2	15.5	1.03	0	50	97.8	102.1	101.4	2	1
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-17	2	16.0	1.02	0	50	98.0	103.0	101.9	2	1
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-11	2	15.0	1.04	0	50	96.8	99.5	99.4	2	1
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-15	2	15.5	1.03	0	50	95.8	100.5	99.4	2	1
MCDONNELL DOUGLAS	DC-09-50	115.00	104.00	JT8D-17	2	16.0	1.00	0	50	96.4	103.4	101.6	2	1
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-15	2	15.5	1.03	0	50	97.8	102.2	101.9	2	1
MCDONNELL DOUGLAS	DC-09-50	115.00	110.00	JT8D-15	2	15.5	1.00	0	50	96.1	102.4	101.9	2	1
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-17	2	16.0	1.02	0	50	98.1	103.2	101.9	2	1
MCDONNELL DOUGLAS	DC-10-10	410.00	347.80	CF6-6D	3	39.3	5.70	14	50	97.4	97.0	104.9	3	*
MCDONNELL DOUGLAS	DC-10-10	410.00	347.80	CF6-6K	3	39.3	5.90	14	50	96.8	96.3	103.3	3	*
MCDONNELL DOUGLAS	DC-10-10	430.00	347.80	CF6-6K2	3	40.9	5.90	11	50	97.4	96.5	103.3	3	*

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UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D	3	39.3	5.70	0	50	101.8	96.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	430.00	363.50	CF6-6D1	3	40.3	5.80	11	50	98.1	97.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1	3	40.3	5.80	4	50	100.2	96.6	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1A	3	40.9	5.80	4	50	100.2	96.6	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	430.00	363.50	CF6-6D1A	3	40.9	5.80	11	50	98.1	97.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K	3	39.3	5.90	0	50	100.9	95.5	103.8	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K2	3	40.9	5.90	4	50	99.3	96.1	103.8	3	*
MCDONNELL DOUGLAS	DC-10-15	455.00	363.50	CF6-50C2-F	3	45.6	4.60	5	50	93.8	95.6	103.1	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50A	3			5	50	101.8	101.3	106.3	2	*
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C/H	3	50.4	4.30	10	50	101.6	97.5	106.3	3	
MCDONNELL DOUGLAS	DC-10-30	572.00	403.00	CF6-50C1	3	51.8	4.20	10	50	102.1	98.3	106.3	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2	3	51.8	4.30	5	50	96.8	97.8	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2-B	3	53.2	4.30	5	50	96.1	98.4	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2-R	3	50.4	4.40	10	50	97.5	97.2	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	565.00	411.00	CF6-50A	3			5	50	102.7	101.4	106.6	2	*
MCDONNELL DOUGLAS	DC-10-30	572.00	411.00	CF6-50C/H	3	50.4	4.30	10	50	102.3	97.5	106.6	3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C1	3	51.8	4.20	10	50	103.0	98.0	106.6	3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2	3	51.8	4.30	15	50	99.0	97.9	105.3	3	

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MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#		TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2-B	3	53.2	4.30	15	50	98.7	98.5	105.3	3	
MCDONNELL DOUGLAS	DC-10-30	572.00	421.00	CF6-50C2-R	3	50.4	4.40	10	50	98.4	97.3	105.8	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	424.00	CF6-50C2	3	51.8	4.30	5	50	96.8	97.8	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	572.00	424.00	CF6-50C2-B	3	53.2	4.30	10	50	97.4	98.5	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	555.00	424.00	CF6-50C2-B	3	53.2	4.30	5	50	96.1	98.4	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	590.00	436.00	CF6-50C2	3	51.8	4.30	15	50	99.0	97.7	106.4	3	15
MCDONNELL DOUGLAS	DC-10-40	530.00	403.00	JT9D-20D	3	44.5	5.00	10	50	100.8	95.2	105.7	3	*
MCDONNELL DOUGLAS	DC-10-40	555.00	403.00	JT9D-59A	3	51.7	4.90	10	50	101.4	98.0	106.4	3	*
MCDONNELL DOUGLAS	MD-11	602.50	430.00	CF6-80C2	3	61.5	5.30	10	50	92.8	96.3	103.6	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	CF6-80C2D1F	3	61.5	5.30	10	50	92.8	96.3	103.6	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	PW4460	3	60.0	5.00	10	50	93.7	96.3	103.8	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	PW4462	3	62.0	5.00	10	50	93.1	96.6	103.8	3	
MCDONNELL DOUGLAS	MD-11	618.00	471.50	CF6-80C2	3	61.5	5.30	10	50	93.9	96.3	104.3	3	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4460	3	60.0	5.00	10	50	95.8	96.1	104.4	3	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4462	3	62.0	5.00	10	50	95.0	96.5	104.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	CF6-80C2D1F	3	61.5	5.30	10	50	92.8	96.4	103.6	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	PW4460 (-3)	3	60.0	5.00	10	50	93.9	96.2	103.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	PW4462 (-3)	3	62.0	5.00	10	50	93.3	96.6	103.4	3	

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AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TQ	AP	TQ	SL	AP		
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	CF6-80C2D1F	3	61.5	5.30	10	50	94.5	96.3	104.5	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4460 (-3)	3	60.0	5.00	10	50	95.6	98.0	104.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4462 (-3)	3	62.0	5.00	10	50	95.0	96.5	104.4	3	
MCDONNELL DOUGLAS	MD-80	140.00	128.00	JT8D-209	2	19.2	1.83	0	40	88.9	94.7	92.8	3	10
MCDONNELL DOUGLAS	MD-80	140.00	128.00	JT8D-219	2	21.7	1.70	0	40	86.7	97.3	92.8	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-209	2	19.2	1.83	0	40	91.1	94.5	92.9	3	10
MCDONNELL DOUGLAS	MD-80	142.00	130.00	JT8D-217	2	20.8	1.80	0	40	88.2	96.1	92.9	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-217	2	20.8	1.80	0	40	89.7	95.8	92.9	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-219	2	21.7	1.70	0	40	88.6	97.1	92.9	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217A	2	20.8	1.80	2	40	92.0	95.9	93.7	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217C	2	20.8	1.70	2	40	91.5	96.3	93.7	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-219	2	21.7	1.70	2	40	90.8	97.2	93.7	3	10
MCDONNELL DOUGLAS	MD-87	125.00	120.00	JT8D-217A	2	20.8	1.80	0	40	84.3	96.4	92.9	3	10
MCDONNELL DOUGLAS	MD-87	125.00	120.00	JT8D-217C	2	20.8	1.70	0	40	84.1	96.5	92.9	3	10
MCDONNELL DOUGLAS	MD-87	140.00	128.00	JT8D-219	2	21.7	1.70	0	40	86.5	97.1	93.3	3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217A	2	20.8	1.80	1	40	89.7	95.9	93.3	3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217C	2	20.8	1.70	1	40	89.2	96.2	93.3	3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-219	2	21.7	1.70	1	40	88.5	97.1	93.3	3	10

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APPENDIX 1AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	MD-90-30	135.00	130.00	V2525-D5	2	25.0	4.80	5	40	78.3	89.2	91.7	3	
MCDONNELL DOUGLAS	MD-90-30	135.00	130.00	V2528-D5	2	28.0	4.80	5	40	77.2	91.4	91.7	3	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2525-D5	2	25.0	4.80	5	40	84.2	88.7	91.8	3	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2528-D5	2	28.0	4.80	5	40	82.6	90.9	91.8	3	
MITSUBISHI	MU-300 (DIAMOND I)	14.10	13.20	JT15D-4	2	2.68	2.50	10	30	86.3	88.0	85.8	3	*
MITSUBISHI	MU-300 (DIAMOND I)	15.50	13.20	JT15D-4D	2	2.68	2.50	0	30	81.2	88.4	85.8	3	
MITSUBISHI	MU-300-10 (DIAM. II)	15.78	14.22	JT15D-5	2	2.88	2.10	10	30	88.6	93.7	91.4	3	*
RAYTHEON	HAWKER 125- 1A	21.20	19.60	TFE731-3-1H	2	3.70	2.70	0	45	83.4	90.1	96.0	3	
RAYTHEON	HAWKER 125- 1A	21.70	19.60	TFE731-3-1H	2	3.70	2.70	0	45	84.2	90.0	96.0	3	
RAYTHEON	HAWKER 125- 3A	21.70	20.00	TFE731-3-1H	2	3.70	2.70	0	45	84.2	90.0	96.3	3	
RAYTHEON	HAWKER 125- 3A/RA	23.60	20.00	TFE731-3-1H	2	3.70	2.70	0	45	85.5	89.8	95.7	3	
RAYTHEON	HAWKER 125- 400A	23.60	20.00	TFE731-3-1H	2	3.70	2.70	0	45	85.5	89.8	95.7	3	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	TFE731-3-1H	2	3.70	2.70	0	45	88.0	89.2	96.3	3	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	VIPER 601-22	2	3.65	0.00	0	45	92.3	99.2	102.9	2	12
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	2	3.70	2.70	0	45	91.6	92.1	96.0	2	25,33
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	2	3.70	2.70	0	45	88.0	89.2	96.3	3	33
RAYTHEON	HAWKER 125- 800	27.40	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	80.9	87.2	96.5	3	
RAYTHEON	HAWKER 125- 800A	27.40	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	80.9	89.6	96.5	3	25

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AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>		<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>	<u>BPR</u>	<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
RAYTHEON	HAWKER 125-1000	31.00	25.00	PW305	2	5.20	4.50	0	25	81.8	85.9	91.6	3	
RAYTHEON	HAWKER 125-1000	35.50	28.50	PW305	2	5.20	4.50	0	25	85.7	85.3	92.0	3	
SABRELINER	SABRELINER 40	17.50	14.00	JT12A-8	2	3.30		0	25	89.7	100.4	97.5	2	
SABRELINER	SABRELINER 40	20.20	17.50	JT12A-8	2	3.30		0	25	94.5	100.1	98.4	2	
SABRELINER	SABRELINER 60	20.20		JT12A-8	2	3.30			24	95.0	100.3	98.5	2	*
SABRELINER	SABRELINER 60A/60SC	22.70	20.60	JT12A-8	2	3.30		0		94.4	100.0	102.2	2	
SABRELINER	SABRELINER 65	24.00	21.80	TFE731-3R	2	3.70	2.80			84.0	93.0	90.6	3	*
SABRELINER	SABRELINER 65	22.70	21.80	TFE731-3R	2	3.70	2.80	0	36	82.3	93.1	90.6	3	*
SABRELINER	SABRELINER 75A	23.00		CF700-2D-2	2	4.30	2.00	15	25	90.7	91.3	100.2	2	*
SABRELINER	SABRELINER 80	23.30	22.00	CF700-2D-2	2	4.32	2.00			90.7	91.3	100.2	2	*
SABRELINER	SABRELINER 80A/80SC	25.50	22.00	CF700-2D-2	2	4.30	2.00	0		91.2	91.4	101.1	2	*

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Appendix 1

Appendix 1 Notes

- 1 Engines Equipped With P-36 Acoustical Treatment (McDonnell Douglas Aircraft).
- 2 Quiet Nacelle And Fan Case Double Acoustic Treatment (Boeing Aircraft).
- 3 Fan Case Double Acoustic Treatment (Boeing Aircraft).
- 5 Direct Lift Control Used On Approach.
- 6 Engine Acoustic Treatment Installed Per Appropriate STC.
- 10 DC-9-80 Normal Takeoff Power.
- 12 Equipped With Standard Hushkit.
- 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-7B Engines.
- 17 Data Also Applies To JT8D-9A.
- 18 Data Also Applies To JT8D-15A.
- 19 Data Also Applies To JT8D-17A.
- 20 Data Also Applies To JT8D-17AR.
- 21 Data Also Applies To JT3D-3B Derated To JT3D-1 Thrust.
- 22 Increased Takeoff Thrust Rating.
- 23 Equipped With JT8D-217C Outboard Engines.
- 24 Equipped With Fan Duct Acoustic Treatment (McDonnell Douglas).
- 25 Equipped With Thrust Reversers.
- 26 Equipped With 4% Leading Edge Extension.
- 27 Equipped With Heavyweight Hushkit
- 28 Equipped With Heavyweight Hushkit, Including 3% Nozzle Area Increase
- 29 Equipped With -100 "CN" Nacelle.
- 30 Equipped With -200 "CN" Nacelle.
- 31 Equipped With Modifications 2450 (Short Nozzle), 3305, And 3373.
- 33 Data Also Applies TFE731-3R-1H.
- 34 Equipped With Modification M3530.
- 35 Equipped With Lightweight Hushkit.
- 36 Date also applies to JT8D-9A/-15/-15A/-17/-17A Engines Derated To JT8D-9 Thrust.
- 37 Data also applies to JT8D-15A/-17/-17A Engines Derated To JT8D-15 Thrust.
- 38 Configuration APU With APS2000 , GTCP36-280(B), Or GTCP85-129 With Boeing Service Bulletin 737-49-1109 (Without APU Surge Bleed).

Appendix I Notes - continued

- 40 Date Also Applies To JT8D-7A/-9/-9A/-15/-15A/-17/-17A Engines Derated To JT8D-7 Thrust.
- 41 Data Also Applies To JT8D-15/-17 Engines Derated To JT8D-9 Thrust.
- 42 Data Also Applies To JT8D-17 Engine Derated to JT8D-15 Thrust.
- * Full Power Takeoff.
- ** 650 Meter Sideline.

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Appendix 1

EQUATIONS FOR THE CALCULATION OF NOISE CERTIFICATION LIMITS AT TAKEOFF, SIDELINE, AND APPROACH

STAGE 2

	Takeoff Limits (EPNdB)	Sideline Limits (EPNdB)	Approach Limits (EPNdB)
Up To And Including 75,000 lb.	93	102	102
Over 75,000 lb. To 600,000 lb.	$93 + 5 \left\{ \frac{\log \frac{W}{75,000}}{\log 2} \right\}$	$102 + 2 \left\{ \frac{\log \frac{W}{75,000}}{\log 2} \right\}$	$102 + 2 \left\{ \frac{\log \frac{W}{75,000}}{\log 2} \right\}$
Over 600,000 lb.	108	108	108

EQUATIONS FOR THE CALCULATION OF NOISE CERTIFICATION LIMITS AT TAKEOFF

STAGE 3-TAKEOFF (EPNdB)

4 ENGINES OR MORE

Up To And Including 44,673 lb.

89

Over 44,673 lb. To 850,000 lb.

$$89 + 4 \left\{ \frac{\log \frac{W}{44,673}}{\log 2} \right\}$$

Over 850,000 lb.

106

3 ENGINES

Up To And Including 63,177 lb.

89

Over 63,177 To 850,000 lb.

$$89 + 4 \left\{ \frac{\log \frac{W}{63,177}}{\log 2} \right\}$$

Over 850,000 lb.

104

2 ENGINES OR LESS

Up To And Including 106,250 lb.

89

Over 106,250 To 850,000 lb.

$$89 + 4 \left\{ \frac{\log \frac{W}{106,250}}{\log 2} \right\}$$

Over 850,000 lb.

101

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Appendix 1

**EQUATION FOR THE CALCULATION OF NOISE CERTIFICATION LIMITS
AT SIDELINE AND APPROACH**

**STAGE 3-SIDELINE
(EPNdB)**

Up To And Including 77,200 lb.

94

Over 77,200 lb. To 882,000 lb.

$$94 + 2.56 \left\{ \frac{\log \frac{W}{77,200}}{\log 2} \right\}$$

Over 882,000 lb.

103

**STAGE 3-APPROACH
(EPNdB)**

Up To And Including 77,200 lb.

98

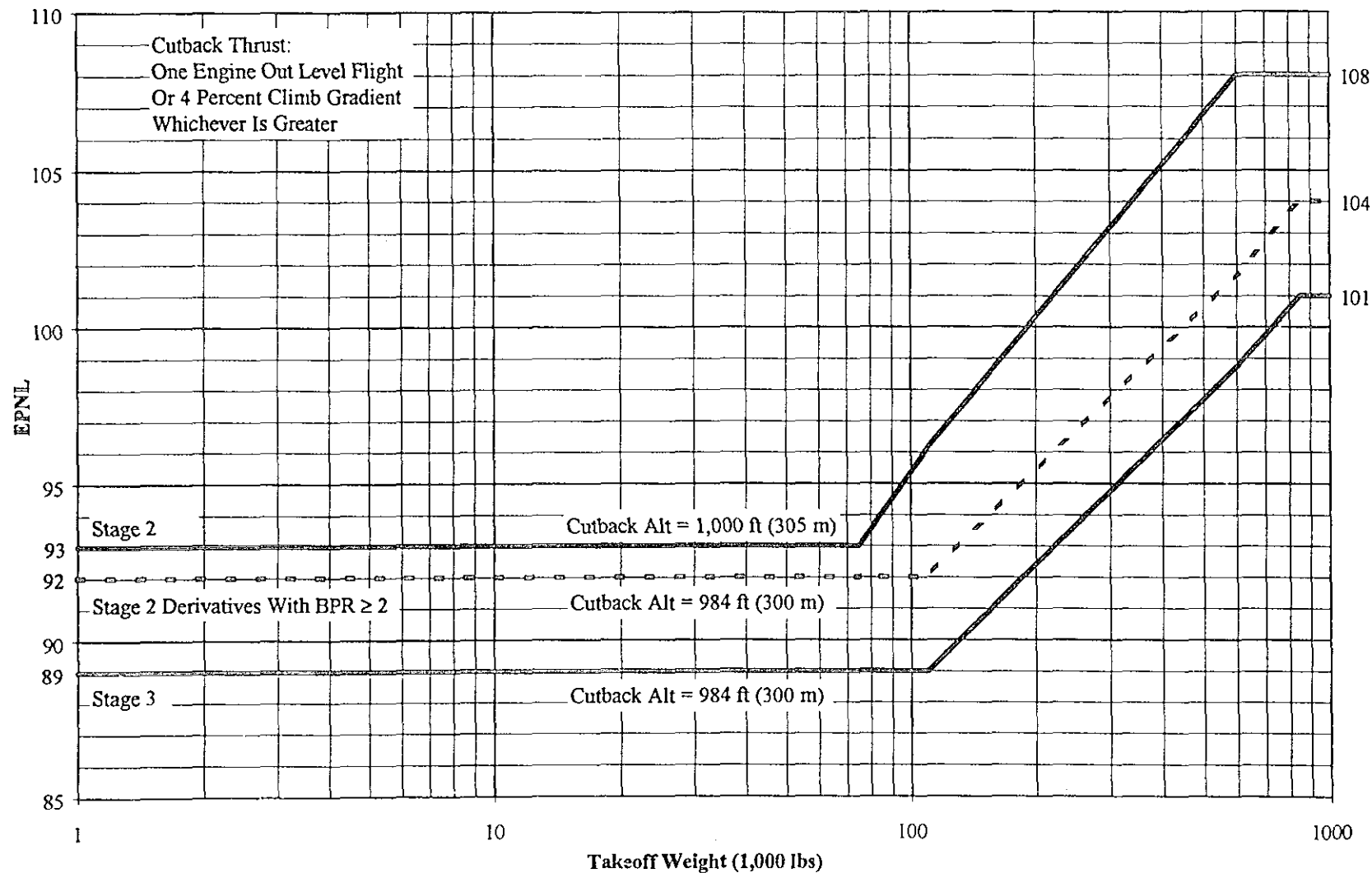
Over 77,200 To 617,300 lb.

$$98 + 2.33 \left\{ \frac{\log \frac{W}{77,200}}{\log 2} \right\}$$

Over 617,300 lb.

105

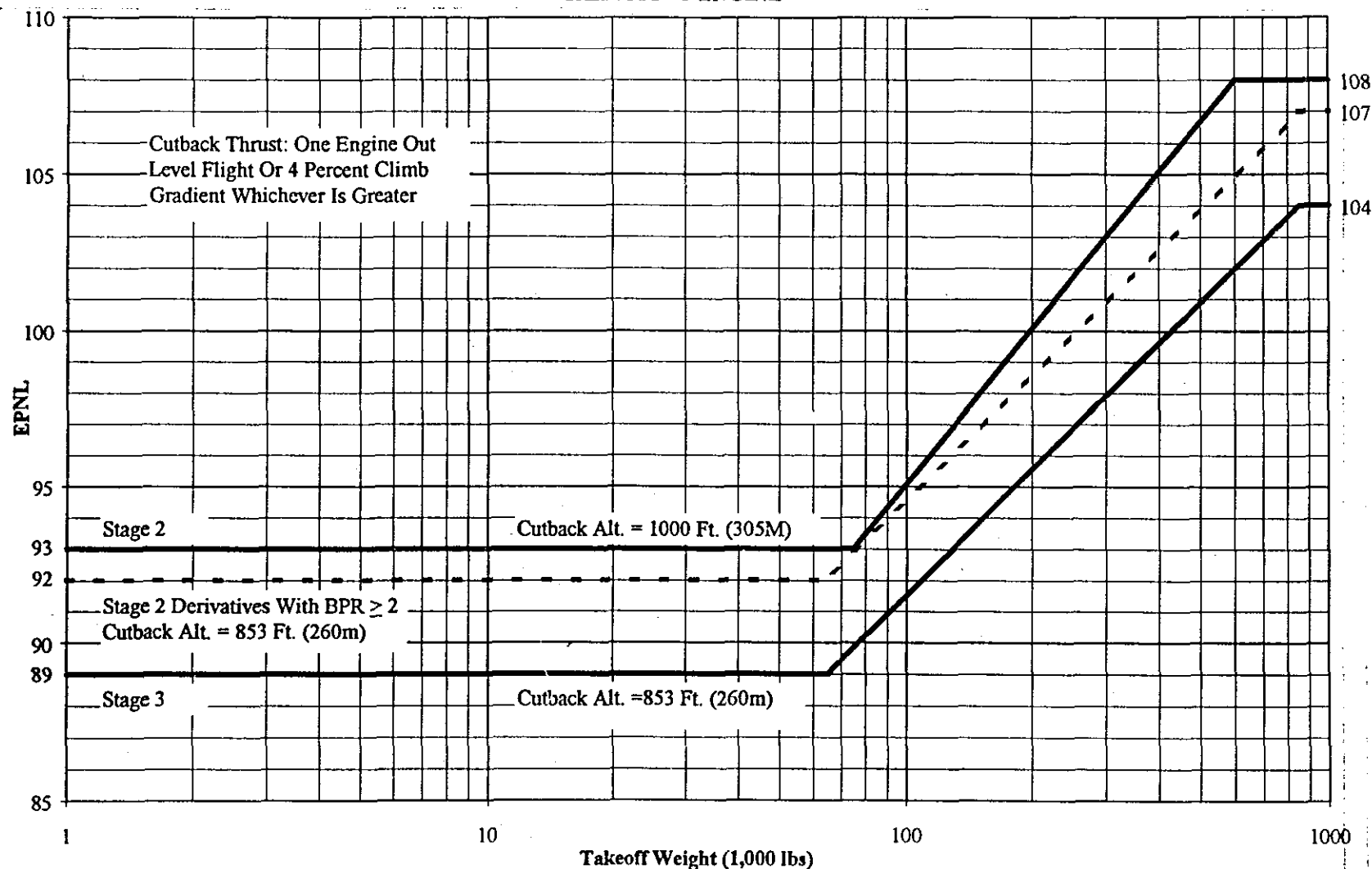
NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES TAKEOFF - 2 ENGINE



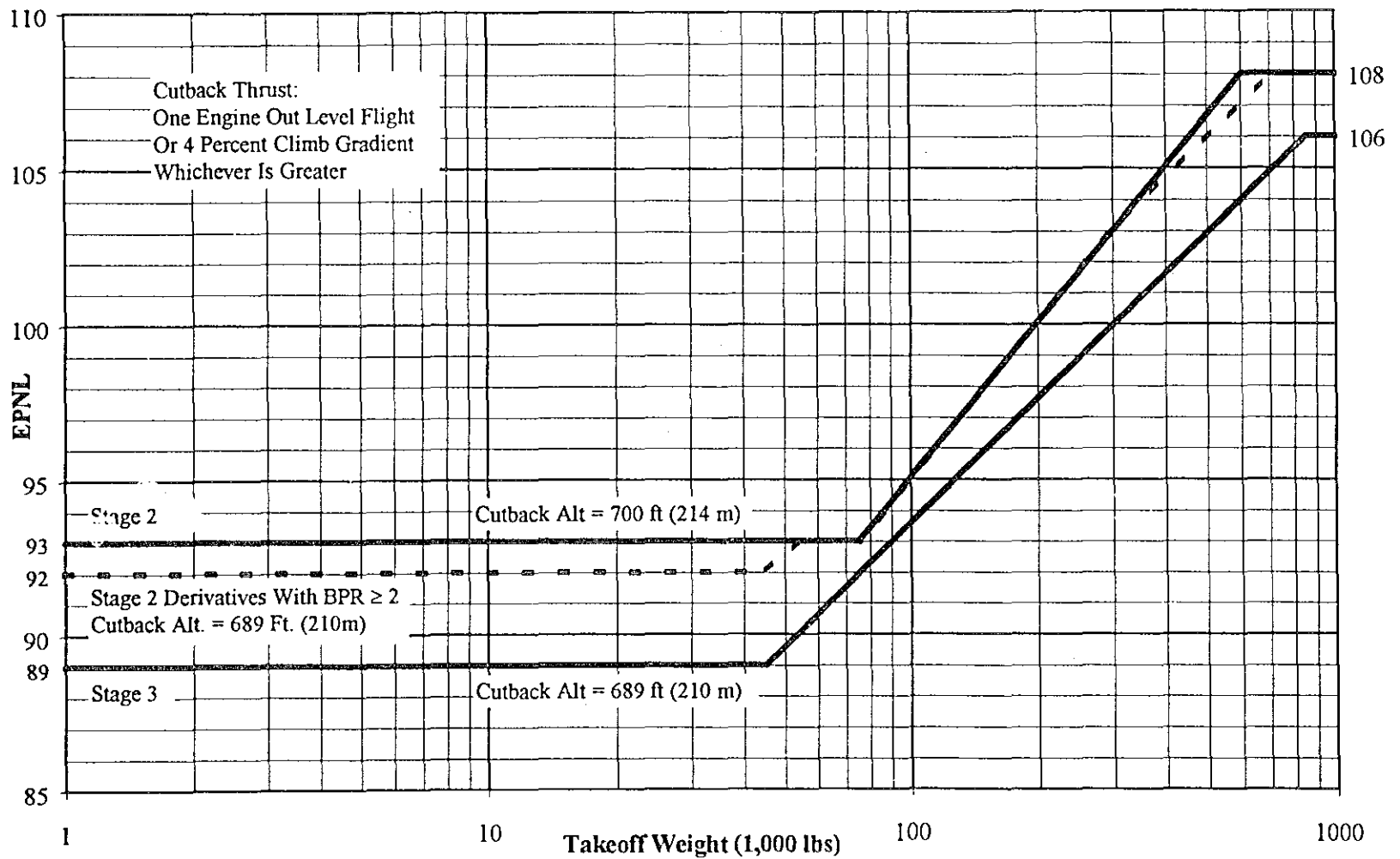
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Appendix 1

NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES **TAKEOFF - 3 ENGINE**



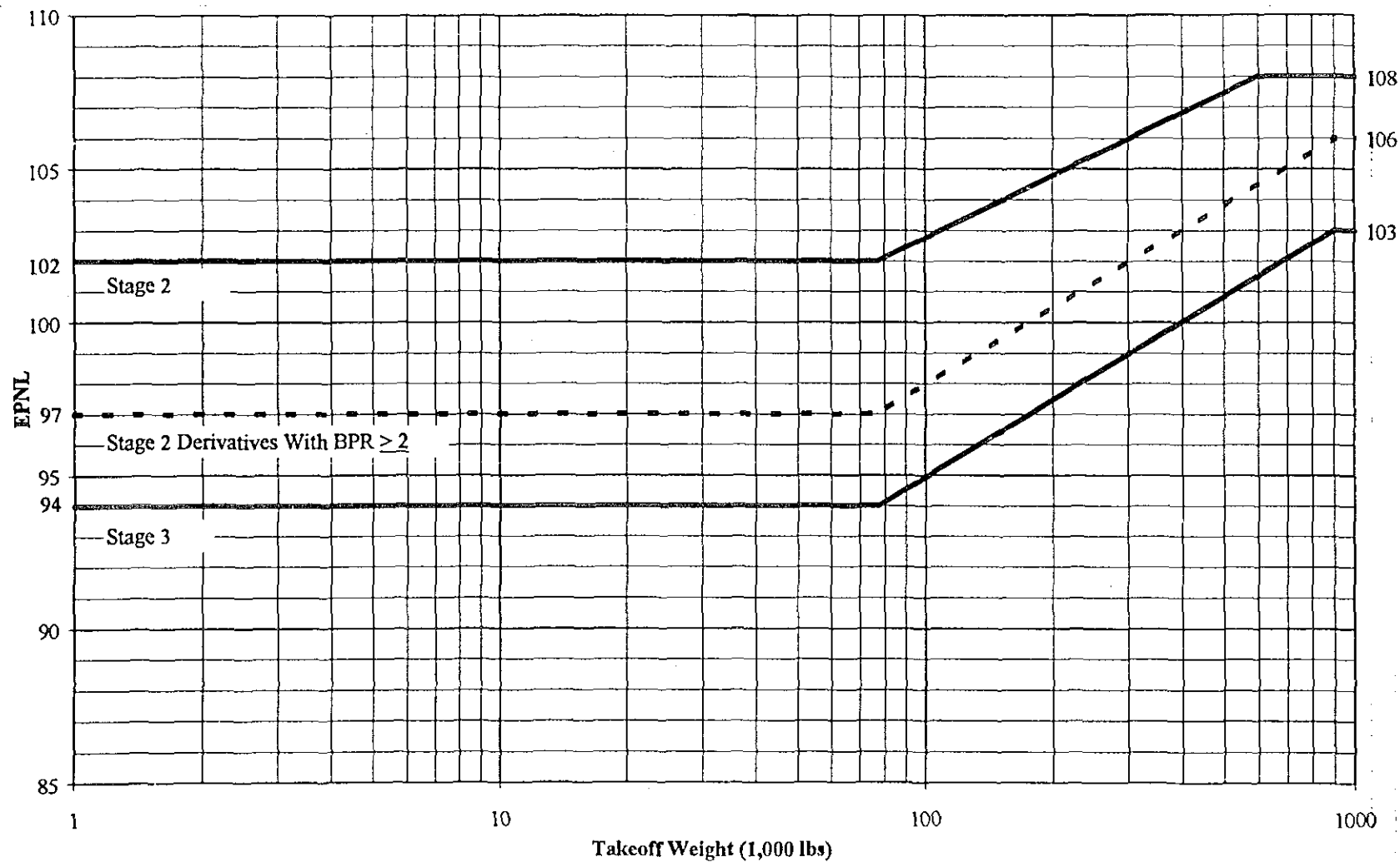
NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES
TAKEOFF - 4 ENGINE



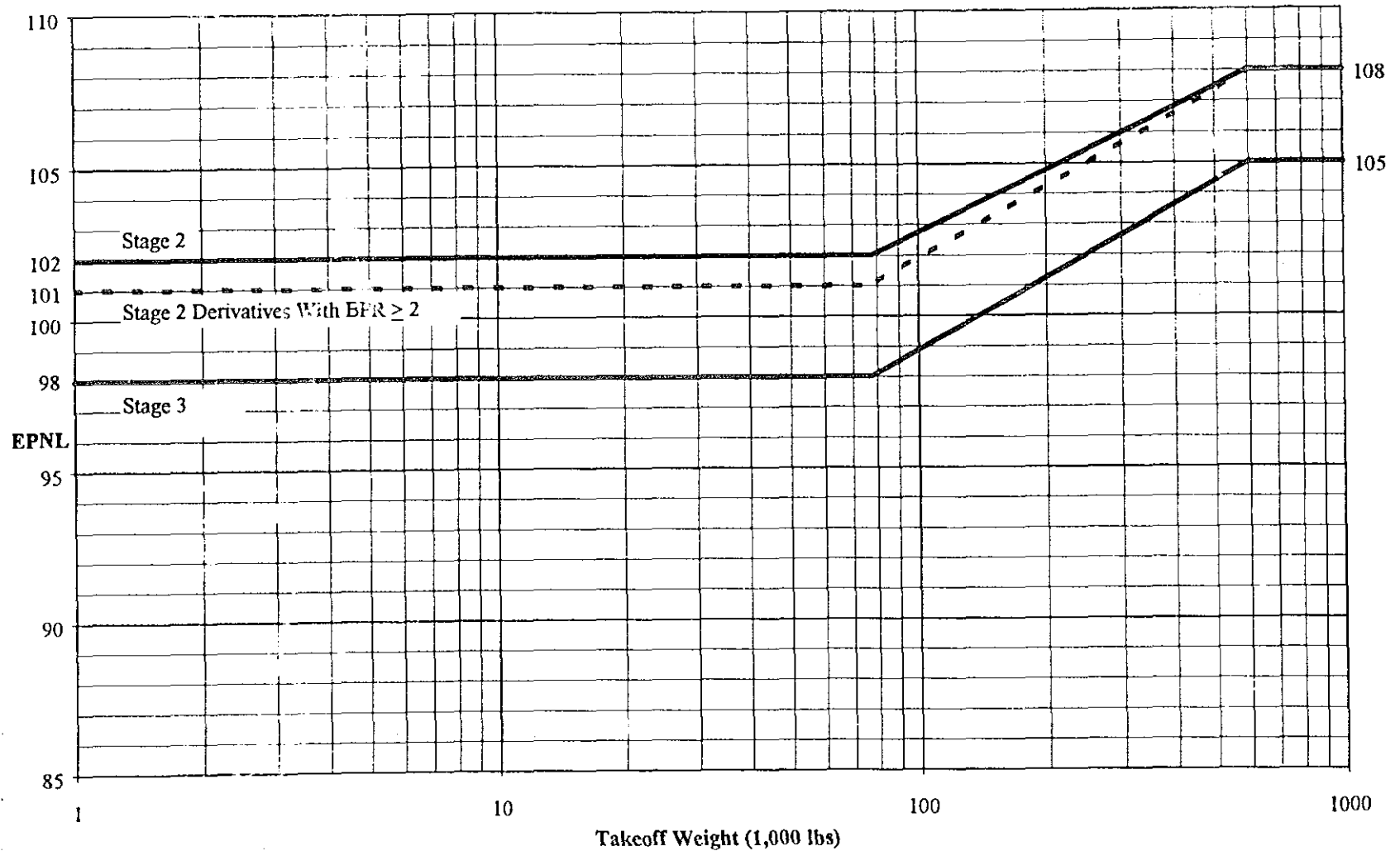
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Appendix 1

NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES SIDELINE



NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES APPROACH



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AIRCRAFT NOISE DATA FOR
FOREIGN CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAP		NOISE LEVEL (EPNdB)			CHAPTER	NOTES
		1000#	1000#			1000#		TO	AP	TO	SL	AP		
AEROSPATIALE	CARAVELLE 10-B1R	119.00	109.00	JT8D-7	2	14.0	1.10	5	35	93.7	98.1	105.1	2	
AEROSPATIALE	CARAVELLE 10-B1R	114.50	109.00	JT8D-7	2	14.0	1.10	5	35	92.3	98.2	105.1	2	
AEROSPATIALE	CARAVELLE 10-B3	119.00	109.00	JT8D-7	2	14.0	1.10	5	45	94.4	97.7	106.2	2	
AEROSPATIALE	CARAVELLE 10-B3	125.60	109.00	JT8D-9	2	14.2	1.10	5	45	95.7	98.2	106.2	2	
AEROSPATIALE	CARAVELLE 11R	114.50	109.00	JT8D-7	2	14.0	1.10	5	35	92.3	97.9	105.1	2	
AEROSPATIALE	CARAVELLE 12	119.00	109.00	JT8D-9	2	14.2	1.10	5	45	94.0	98.4	105.9	2	
AEROSPATIALE	CARAVELLE 12	123.40	109.00	JT8D-9	2	14.2	1.10	5	45	95.3	98.3	105.9	2	
AEROSPATIALE	CARAVELLE 12	127.00	109.00	JT8D-9	2	14.2	1.10	5	45	96.6	98.2	105.9	2	
AIRBUS	A300B1	302.03	268.96	CF6-50C2R	2	50.4	4.30	0	25	90.8	97.4	102.9	3	
AIRBUS	A300B1	302.10	269.00	CF6-50A	2	48.4	4.60		25	87.9	90.7	101.1	2	
AIRBUS	A300B2 K3C	313.10	286.70	CF6-50C	2	50.4	4.30		25	87.0	92.6	101.7	2	
AIRBUS	A300B2-1A	302.10	281.10	CF6-50A	2	48.3	4.60		25	87.9	90.7	101.1	2	
AIRBUS	A300B2-1C	291.01	268.96	CF6-50C	2	50.4	4.30	0	25	89.9	97.5	102.9	3	
AIRBUS	A300B2-1C	313.05	286.70	CF6-50C	2	50.4	4.30	0	25	91.8	97.4	103.1	3	
AIRBUS	A300B2-202	313.00	287.00	CF6-50C1	2	51.7	4.60	0	25	89.3	93.5	102.0	3	
AIRBUS	A300B2-320	330.80	293.30	JT9D-59A	2	50.3	4.90	8	15	90.3	98.5	100.5	3	
AIRBUS	A300B4-102	347.30	294.80	CF6-50C1	2	51.7	4.60		25	90.1	93.3	101.9	2	
AIRBUS	A300B4-120	313.07	286.60	JT9D-59A	2			0	25	90.0	98.0	101.9	3	
AIRBUS	A300B4-120	363.78	295.43	JT9D-59A	2			0	25	93.5	97.6	103.2	3	2
AIRBUS	A300B4-120	347.24	295.43	JT9D-59A	2			0	25	92.2	97.7	103.2	3	2
AIRBUS	A300B4-120	363.78	299.84	JT9D-59A	2			0	25	93.6	97.5	102.3	3	
AIRBUS	A300B4-203	302.04	275.59	CF650.C2	2			0	25	89.9	98.3	102.4	3	

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STAGE 3
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES	
		1000#	1000#			1000#	BPR	TO	AP	TO	SL			AP
AEROSPATIALE	SN601 CORVETTE	13.90	12.40	JT15D-4	2	2.50	2.50	15	35	80.4	85.4	89.5	3	*
AEROSPATIALE	SN601 CORVETTE	14.60	13.20	JT15D-4	2	2.52	2.50	15	35	74.0	81.0	90.0	3	
AIRBUS	A300 B4-605R	330.40	290.00	CF6-80C2A5F	2			0	40	87.4	98.8	99.5	3	
AIRBUS	A300 B4-605R	385.46	319.38	CF6-80C2A5F	2			0	40	91.5	98.5	100.0	3	
AIRBUS	A300B2-1C	291.00	268.00	CF6-50C/2R	2			0	25	89.9	97.5	102.9	3	
AIRBUS	A300B2-1C	313.00	286.60	CF6-50C/2R	2			0	25	91.8	97.4	103.1	3	
AIRBUS	A300B2-203	313.10	286.60	CF6-50-C2	2	51.8	4.31	16	25	91.1	97.9	103.1	3	
AIRBUS	A300B4-103	347.20	295.40	CF6-50-C2	2	51.8	4.31	16	25	93.6	97.7	103.0	3	
AIRBUS	A300B4-203	313.05	286.60	CF6-50C2	2	51.8	4.31	0	25	90.5	97.3	102.4	3	31
AIRBUS	A300B4-203	363.70	299.83	CF6-50-C2	2	51.8	4.31	0	25	94.0	96.9	102.4	3	31
AIRBUS	A300B4-622R	330.00	275.00	PW-4158	2	58.0		0	40	88.0	98.3	101.3	3	
AIRBUS	A300B4-622R	385.00	304.50	PW-4158	2	58.0		0	40	93.1	97.9	101.9	3	
AIRBUS	A310-221	305.60	267.90	JT9D-7R4D1	2	48.0	4.50	15	40	90.5	94.8	100.6	3	
AIRBUS	A310-304	275.58	261.25	CF6-80C2A2	2	53.5		0	40	85.7	96.5	98.5	3	
AIRBUS	A310-304	352.74	286.60	CF6-80C2A2	2	53.5		0	40	92.9	96.1	98.8	3	
AIRBUS	A310-324	330.69	271.16	PW-4152	2	52.0		15	40	90.6	97.2	100.2	3	
AIRBUS	A319-112	123.46	121.25	CFM56-5B6 w/SAC	2	23.5	6.00	10	40	78.6	93.3	92.4	3	
AIRBUS	A319-112	158.73	149.91	CFM56-5B6 w/SAC	2	23.5	6.00	10	40	85.4	92.6	93.1	3	
AIRBUS	A319-113	123.46	121.25	CFM56-5A4	2	22.0	6.00	10	40	80.1	93.9	94.0	3	
AIRBUS	A319-113	158.73	149.91	CFM56-5A4	2	22.0	6.00	10	40	87.5	93.1	94.8	3	
AIRBUS	A319-131	123.46	121.25	V2522-A5	2	22.0	4.90	10	40	79.2	92.5	94.0	3	

STAGE 3
TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>	<u>BPR</u>	<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>		<u>TQ</u>	<u>AP</u>	<u>TQ</u>	<u>SL</u>	<u>AP</u>		
AIRBUS	A319-131	158.73	149.91	V2522-A5	2	22.0	4.90	10	40	85.3	91.4	94.5	3	
AIRBUS	A320-211	149.90	142.20	CFM56-5A1	2	25.0			35	85.3	94.4	96.4	3	
AIRBUS	A320-211	162.00	142.20	CFM56-5A1	2	25.0			35	87.8	94.3	96.4	3	
AIRBUS	A320-231	162.00	142.20	V2500.A1	2	25.0			40	86.6	92.8	96.6	3	
AIRBUS	A320-231	149.90	142.20	V2500.A1	2	25.0			40	84.0	93.0	96.6	3	
AIRBUS	A330-301	396.83	361.56	CF6-80E1A2	2					87.0	97.9	98.5	3	
AIRBUS	A330-301	507.06	418.88	CF6-80E1A2	2					94.2	97.2	98.7	3	
AIRBUS	A330-321	396.83	330.69	PW4164	2					88.5	98.0	97.3	3	
AIRBUS	A330-321	507.06	418.88	PW4164	2					95.6	97.5	98.0	3	
AIRBUS	A330-322	396.83	330.69	PW4168	2					87.6	98.6	97.3	3	
AIRBUS	A330-322	507.06	418.88	PW4168	2					94.3	98.3	98.0	3	
AIRBUS	A340-212	485.01	363.76	CFM56-5C3	2					88.1	95.8	97.3	3	
AIRBUS	A340-212	595.25	440.92	CFM56-5C3	2					96.1	95.4	97.2	3	
AIRBUS	A340-312	485.02	363.76	CFM56-5C3	2					88.0	95.8	97.3	3	
AIRBUS	A340-312	595.24	440.92	CFM56-5C3	2					96.2	95.3	97.2	3	
AVRO	146-RJ 85	80.00	77.50	LF 507-1F	4			18	33	79.0	89.1	96.9	3	
AVRO	146-RJ 85	97.00	85.00	LF 507-1F	4			18	33	84.3	88.4	97.3	3	
BAe	146-100A	76.00	72.35	ALF502R-3	4	6.70	5.90	18	33	80.7	87.2	95.1	3	
BAe	146-100A	76.00	72.35	ALF502R-3A	4	6.97	5.70	18	33	79.0	88.0	94.9	3	
BAe	146-100A	82.25	73.35	ALF502R-3A	4	6.97	5.70	18	33	82.3	87.6	95.2	3	
BAe	146-100A	82.25	73.35	ALF502R-5	4	6.97	5.70	18	33	82.3	87.6	95.2	3	
BAe	146-100A	84.00	77.50	ALF502R-5	4	6.97	5.70	18	33	81.8	87.7	95.6	3	

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STAGE 3
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
BAe	146-200A	89.50	77.50	ALF502R-3	4	6.70	5.90	18	33	85.9	86.6	95.6	3	
BAe	146-200A	89.50	77.50	ALF502R-3A	4	6.97	5.70	18	33	84.9	87.3	95.6	3	
BAe	146-200A	89.50	77.50	ALF502R-5	4	6.97	5.70	18	33	84.9	87.3	95.6	3	
BAe	146-200A	93.00	81.00	ALF502R-5	4	6.97	5.70	18	33	85.2	87.3	95.8	3	
BAe	146-300	95.00	83.00	LF 507-1HV-1F	4			18	33	84.0	87.9	97.2	3	
BAe	146-300	101.50	88.50	LF 507-1HV-1F	4			18	33	86.3	87.6	97.6	3	
BAe	146-300A	95.00	83.00	ALF 502R-5	4	6.97	5.70	18	33	86.0	87.0	96.0	3	
BAe	146-300A	97.50	84.50	ALF502R-5	4	6.97	5.70	18	33	86.5	86.7	95.6	3	
BAe	C-29A	28.00	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	81.4	87.3	95.8	3	
BEECH	BEECHJET 400	15.78	14.22	JT15D-5	2	2.88		10	30	88.6	93.7	91.4	3	*
BOEING	B-727-100 (Dec Howard)	169.50	137.50	TAY 651-54	3			5	40	92.1	92.3	98.4	3	
BOEING	B-727-100 (Dec Howard)	169.50	142.50	TAY 651-54	3			5	30	92.1	92.3	95.3	3	
BOEING	B-727-100 (FED EX;STC SA3993NM)	160.50	137.50	JT8D-7 w/BOEING INLET+CHIN CSD	3				30	92.5	96.6	97.8	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	163.50	137.50	JT8D-7 w/BOEING INLET+FAN CSD	3				30	93.2	97.4	97.8	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	137.50	JT8D-9 w/BOEING INLET+CHIN CSD	3				30	93.9	97.5	98.1	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	174.50	142.50	JT8D-7 w/BOEING INLET+CHIN CSD	3				30	95.7	96.4	97.9	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+CHIN CSD	3				30	94.1	96.6	98.2	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+FAN CSD	3				30	94.1	97.2	98.2	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-9 w/BOEING INLET+FAN CSD	3				30	93.9	98.0	98.4	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	174.50	142.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3				30	94.9	97.1	98.8	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3				30	94.0	97.3	98.8	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	172.60	150.00	JT8D-7 w/BOEING INLET+CHIN CSD	3				30	96.0	97.4	99.0	3	35

STAGE 3
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#		TQ	AP	TQ	SL	AP		
BOEING	B-727-200 (FED EX;STC SA4833NM)	172.50	150.00	JT8D-7 w/BOEING INLET+FAN CSD	3				30	95.9	97.0	99.0	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	172.60	150.00	JT8D-7 w/BURBANK INLET+CHIN CSD	3				30	95.7	96.5	98.9	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	173.88	150.00	JT8D-9 w/BOEING INLET+CHIN CSD	3				30	95.5	97.4	99.6	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	167.85	150.00	JT8D-9 w/BOEING INLET+FAN CSD	3				30	94.2	98.3	99.6	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	175.00	150.00	JT8D-9 w/BURBANK INLET+CHIN CSD	3				30	95.2	97.2	100.2	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	170.48	150.00	JT8D-9 w/BURBANK INLET+FAN CSD	3				30	94.3	97.8	100.2	3	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	172.96	154.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3				30	94.7	97.3	100.5	3	35
BOEING	B-727-200 (FED EX;STC SA5839NM)	155.00	150.00	JT8D-9 w/BOEING INLET+CHIN CSD	3				30	89.2	97.9	97.4	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	155.00	150.00	JT8D-9 w/BOEING INLET+FAN CSD	3				30	89.2	98.4	97.4	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	155.00	150.00	JT8D-9 w/BURBANK INLET+CHIN CSD	3				30	88.5	97.6	98.0	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	155.00	150.00	JT8D-9 w/BURBANK INLET+CHIN CSD	3				30	88.5	98.1	98.0	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	160.00	154.50	JT8D-15 w/BOEING INLET+CHIN CSD	3				30	92.2	98.0	97.6	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	160.00	154.50	JT8D-15 w/BOEING INLET+FAN CSD	3				30	92.2	98.2	97.6	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	178.90	154.50	JT8D-15 w/BURBANK INLET	3				30	94.3	97.3	98.2	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	184.20	154.50	JT8D-17 w/BOEING INLET	3				30	95.3	98.8	97.6	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	184.20	154.50	JT8D-17 w/BURBANK INLET	3				30	94.8	98.6	98.2	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	189.20	160.00	JT8D-9 w/BOEING INLET+CHIN CSD	3				30	97.3	95.9	97.9	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	189.20	160.00	JT8D-9 w/BOEING INLET+FAN CSD	3				30	97.3	96.5	97.9	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	182.75	161.00	JT8D-15 w/BOEING INLET+CHIN CSD	3				30	93.9	99.1	97.7	3	28
BOEING	B-727-200 (FED EX;STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+CHIN CSD	3				30	97.6	98.0	98.1	3	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	199.51	166.00	JT8D-15 w/BOEING INLET+CHIN CSD	3				30	97.6	98.0	97.9	3	28
BOEING	B-727-200 (FED EX;STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+FAN CSD	3				30	97.6	98.2	98.1	3	27

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APPENDIX 3***STAGE 3***
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
BOEING	B-727-200RE(VALSAN)	190.50	148.00	JT8D-15/217C	3				30	91.5	99.3	98.8	3	6,23
BOEING	B-727-200RE(VALSAN)	209.50	159.00	JT8D-17A/217C	3				30	94.5	99.6	99.0	3	6,23
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	88.00	JT8D-17	2			1	40	91.4	97.5	96.7	3	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.80	95.00	JT8D-15	2			1	40	83.7	96.8	97.2	3	27,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.80	95.00	JT8D-9	2			1	40	85.2	95.5	97.2	3	27,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.50	98.00	JT8D-15	2			1	40	84.9	96.9	98.6	3	35,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.50	98.00	JT8D-9	2			1	40	86.3	95.7	98.6	3	35,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.50	107.00	JT8D-15	2			1	30	91.3	96.9	96.3	3	35,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	2			1	30	91.4	97.5	94.8	3	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	118.50	107.00	JT8D-9	2			1	30	91.5	94.9	96.3	3	35,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	2			1	40	91.5	94.8	98.0	3	27,41
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW HUSHKIT	2			1	30	91.1	97.0	95.8	3	37
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW-L HUSHKIT	2			1	30	90.2	96.8	95.8	3	37
BOEING	B-737-200 ADV(AVAERO;STC	100.80	95.00	JT8D-15	2			1	40	83.7	96.9	96.9	3	27,42
BOEING	B-737-200 ADV(AVAERO;STC	100.80	95.00	JT8D-9	2			1	40	85.3	95.7	96.9	3	27,41
BOEING	B-737-200 ADV(AVAERO;STC	100.50	98.00	JT8D-9	2			1	40	86.4	95.8	98.3	3	35,41
BOEING	B-737-200 ADV(AVAERO;STC	124.50	107.00	JT8D-15	2			1	30	91.8	96.7	96.3	3	35,42
BOEING	B-737-200 ADV(AVAERO;STC	128.10	107.00	JT8D-17	2			1	30	91.2	97.7	94.8	3	27
BOEING	B-737-200 ADV(AVAERO;STC	121.50	107.00	JT8D-9	2			1	40	91.5	95.0	97.7	3	27,41
BOEING	B-737-200 ADV(NORDAM;STC	110.20	98.00	JT8D-9	2			1	40	87.3	94.7	98.2	3	27,41
BOEING	B-737-200 ADV(NORDAM;STC	105.60	103.00	JT8D-15	2			1	40	84.6	96.3	98.4	3	27,42
BOEING	B-737-200 ADV(NORDAM;STC	115.50	103.00	JT8D-17	2			1	40	86.8	97.0	98.4	3	27

STAGE 3
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	RPR	IQ	AP	IQ	SL	AP		
BOEING	B-737-200 ADV(NORDAM,STC	124.50	107.00	JT8D-9	2			1	40	91.9	94.4	98.6	3	27,41
BOEING	B-737-200 ADV(NORDAM,STC	100.50	95.00	JT8D-9 w/LGW HUSHKIT	2			1	30	86.1	96.7	96.2	3	36
BOEING	B-737-200 ADV(NORDAM,STC	109.00	98.00	JT8D-7 w/LGW-N HUSHKIT	2			1	30	89.2	96.3	96.2	3	40
BOEING	B-737-200 ADV(NORDAM,STC	100.50	98.00	JT8D-9 w/LGW-N HUSHKIT	2			1	30	86.1	96.9	96.2	3	36
BOEING	B-737-200 ADV(NORDAM,STC	100.50	99.00	JT8D-9 w/LGW-L HUSHKIT	2			1	30	86.9	96.5	95.8	3	36
BOEING	B-737-200 ADV(NORDAM,STC	121.60	107.00	JT8D-15 w/LGW HUSHKIT	2			1	30	91.7	96.7	95.9	3	37
BOEING	B-737-200 ADV(NORDAM,STC	118.70	107.00	JT8D-9 w/LGW HUSHKIT	2			1	30	91.6	96.1	95.9	3	36
BOEING	B-737-200 ADV(NORDAM,STC	122.90	107.00	JT8D-9 w/LGW-L HUSHKIT	2			1	30	91.8	96.0	95.9	3	36
BOEING	B-737-200 ADV(NORDAM,STC	118.50	107.00	JT8D-9 w/LGW-N HUSHKIT	2			1	30	91.6	96.5	96.2	3	36
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	20.0	5.00	1	40	82.4	89.7	98.5	3	
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	22.0	5.00	1	40	81.6	91.2	97.4	3	38
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	22.0	5.00	1	40	81.6	91.2	98.5	3	
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	20.0	5.00	1	40	82.4	89.7	97.4	3	38
BOEING	B-737-300	124.50	110.00	CFM56-3-B1	2	20.0	5.00	1	40	84.4	90.4	99.6	3	
BOEING	B-737-300	124.50	110.00	CFM56-3B-2	2	22.0	4.90	1	40	82.8	92.2	99.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	20.0	5.00	1	40	85.2	89.2	98.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	22.0	5.00	1	40	83.9	90.9	97.6	3	38
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	22.0	5.00	1	40	83.9	90.9	98.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	20.0	5.00	1	40	85.2	89.2	97.6	3	38
BOEING	B-737-300	139.50	121.00	CFM56-3-B1	2	20.0	5.00	1	40	87.5	89.9	100.1	3	
BOEING	B-737-300	139.50	121.00	CFM56-3B-2	2	22.0	4.90	1	40	85.7	91.9	100.1	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	83.8	89.8	98.6	3	

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APPENDIX 3***STAGE 3***
TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>	<u>BPR</u>	<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>		<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	23.5	5.00	5	40	82.4	92.1	98.6	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	22.0	5.00	5	40	82.8	91.2	97.7	3	38
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	22.0	5.00	5	40	82.8	91.2	98.6	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	23.5	5.00	5	40	82.4	92.1	97.7	3	38
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	83.8	89.8	97.7	3	38
BOEING	B-737-400	142.50	121.00	CFM56-3-B1	2	20.0	5.00	5	40	88.9	89.6	100.2	3	
BOEING	B-737-400	138.50	121.00	CFM56-3-B1	2	20.0	5.00	5	40	87.2	90.0	100.2	3	
BOEING	B-737-400	138.50	121.00	CFM56-3B-2	2	22.0	4.90	5	40	85.7	92.1	100.2	3	
BOEING	B-737-400	138.50	121.00	CFM56-3C-1	2	23.5	4.90	5	40	85.0	93.2	100.2	3	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	23.5	5.00	5	40	85.9	91.8	97.7	3	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	23.5	5.00	5	40	85.9	91.8	98.6	3	
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	86.9	88.9	97.7	3	38
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	86.9	88.9	98.6	3	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	22.0	5.00	5	40	86.3	90.7	97.7	3	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	22.0	5.00	5	40	86.3	90.7	98.6	3	
BOEING	B-737-400	150.00	124.00	CFM56-3B-2	2	22.0	4.90	5	40	87.7	91.7	100.2	3	
BOEING	B-737-400	150.00	124.00	CFM56-3C-1	2	23.5	4.90	5	40	87.1	93.1	100.2	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	18.5	5.00	5	40	81.0	89.3	98.4	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	80.4	90.2	98.4	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	18.5	5.00	5	40	81.0	89.3	97.2	3	38
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	80.4	90.2	97.2	3	38
BOEING	B-737-500	115.50	105.00	CFM56-3-B1	2	20.0	5.00	5	40	82.7	90.8	99.4	3	

STAGE 3
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#		TO	AP	TO	SL	AP		
BOEING	B-737-500	115.50	105.00	CFM56-3-B1(R)	2	18.5	5.00	5	40	83.6	89.9	99.4	3	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	85.4	89.2	97.6	3	38
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	2	18.5	5.00	5	40	85.4	88.2	97.6	3	38
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	2	18.5	5.00	5	40	85.4	88.2	98.7	3	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	85.4	89.2	98.7	3	
BOEING	B-737-500	139.00	114.00	CFM56-3-B1	2	20.0	5.00	5	40	87.3	90.0	100.0	3	
BOEING	B-737-500	132.80	114.00	CFM56-3-B1(R)	2	18.5	5.00	5	40	87.7	88.9	100.0	3	
BOEING	B-747-100	710.00	400.00	JT9D-3A	4	43.6	5.10	10	30	105.4	102.1	104.6	3	29
BOEING	B-747-100	750.00	400.00	JT9D-7F	4	48.0	5.10	10	30	104.5	103.5	104.5	3	29
BOEING	B-747-100	734.00	425.00	JT9D-7	4	46.3	5.10	10	30	105.1	102.7	104.6	3	29
BOEING	B-747-100	734.00	460.00	JT9D-7A	4	46.9	5.10	10	30	104.3	102.6	105.3	3	29
BOEING	B-747-100	750.00	520.00	JT9D-7F	4	48.0	5.10	10	25	104.5	103.5	104.5	3	29
BOEING	B-747-100	710.00	540.00	JT9D-3A	4	43.6	5.10	10	25	105.4	102.1	104.6	3	29
BOEING	B-747-100	734.00	540.00	JT9D-7	4	46.3	5.10	10	25	105.1	102.7	104.1	3	29
BOEING	B-747-100	734.00	630.00	JT9D-7A	4	46.9	5.10	10	25	104.3	102.6	105.5	3	29
BOEING	B-747-200	770.00	475.00	JT9D-7J	4	50.0	5.10	10	30	103.6	103.0	105.9	3	30
BOEING	B-747-200	710.00	520.00	JT9D-3A	4	43.6	5.10	10	30	104.4	100.8	106.9	3	30
BOEING	B-747-200	750.00	520.00	JT9D-7F	4	48.0	5.10	10	30	103.5	102.0	106.9	3	30
BOEING	B-747-200	734.00	540.00	JT9D-7	4	46.3	5.10	10	30	104.2	101.3	106.7	3	30
BOEING	B-747-200	734.00	564.00	JT9D-7A	4	46.9	5.10	10	30	103.5	101.2	106.9	3	30
BOEING	B-747-200	775.00	585.00	CF6-50E	4	52.5	4.10	10	30	100.7	101.1	105.9	3	
BOEING	B-747-200	833.00	585.00	RB211-524C2	4	51.6	4.30	10	30	106.5	99.7	107.0	3	*

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APPENDIX 3***STAGE 3***
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE NOTES
		1000#	1000#			1020#		TO	AP	TO	SL	AP	
BOEING	B-747-200	833.00	600.00	JT9D-7Q	4	53.0	4.90	10	30	103.2	103.5	106.6	3
BOEING	B-747-200	820.00	630.00	CF6-50E	4	52.5	4.10	10	30	102.5	100.9	107.0	3
BOEING	B-747-200	833.00	630.00	CF6-50E2	4	52.5	4.10	10	30	102.6	101.7	106.5	3
BOEING	B-747-200	820.00	630.00	CF6-50E2	4	52.5	4.10	10	30	102.1	101.7	106.5	3
BOEING	B-747-200	710.00	630.00	JT9D-3A	4	43.6	5.10	10	25	104.4	100.8	105.7	3 30
BOEING	B-747-200	734.00	630.00	JT9D-7	4	46.3	5.10	10	25	104.2	101.3	105.2	3 30
BOEING	B-747-200	820.00	630.00	JT9D-70A	4	53.0	4.90	10	30	101.1	98.5	106.0	3
BOEING	B-747-200	734.00	630.00	JT9D-7A	4	46.9	5.10	10	25	103.5	101.2	105.0	3 30
BOEING	B-747-200	750.00	630.00	JT9D-7F	4	48.0	5.10	10	25	103.5	102.0	106.0	3 30
BOEING	B-747-200	770.00	630.00	JT9D-7J	4	50.0	5.10	10	25	103.6	103.0	106.0	3 30
BOEING	B-747-200	833.00	630.00	JT9D-7Q	4	53.0	4.90	10	25	103.2	103.5	104.4	3
BOEING	B-747-200	833.00	630.00	RB211-524D4	4	53.1	4.20	10	30	103.9	99.7	104.9	3
BOEING	B-747-300	600.00	564.00	CF6-80C2B1	4	56.7	5.00	10	30	89.8	99.1	102.5	3
BOEING	B-747-300	800.00	630.00	CF6-50E2	4	52.5	4.30	10	30	101.6	101.8	106.5	3
BOEING	B-747-300	785.00	630.00	JT9D-7R4G2	4	54.8	4.80	10	30	100.1	101.5	106.6	3
BOEING	B-747-300	833.00	630.00	JT9D-7R4G2	4	54.8	4.80	10	30	102.4	101.3	106.6	3
BOEING	B-747-300	833.00	666.00	CF6-80C2B1	4	56.7	5.00	10	30	99.0	98.2	105.2	3
BOEING	B-747-400	600.00	564.00	CF6-80C2B1F	4	57.9	5.00	10	30	89.6	99.1	101.7	3
BOEING	B-747-400	600.00	564.00	PW4056	4	56.7	4.80	10	30	89.5	100.7	103.1	3
BOEING	B-747-400	600.00	564.00	RB211-524G	4	59.0	4.30	10	30	90.3	98.9	102.4	3
BOEING	B-747-400	600.00	564.00	RB211-524H	4	60.6	4.10	10	30	89.7	99.7	102.4	3
BOEING	B-747-400	870.00	652.00	CF6-80C2	4	60.2	5.20		25	99.7	98.3	101.4	3

STAGE 3
TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>	<u>BPR</u>	<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>		<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F	4	57.3	5.00	10	30	99.8	98.2	103.8	3	
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F W/N1 MOD	4	57.3	5.00	10	30	99.9	97.9	103.8	3	
BOEING	B-747-400	870.00	652.00	PW 4056	4	56.7	4.80	10	30	101.5	99.7	104.7	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2B)	4	56.8	4.80	10	30	99.7	98.6	103.6	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C)	4	56.8	4.80	10	30	98.6	98.4	103.0	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C)	4	56.8	4.80	10	30	97.4	98.1	102.1	3	
BOEING	B-747-400	875.00	652.00	NR PW4056 PKG A (FB2T)	4	56.8	4.80	10	30	101.6	99.7	104.7	3	
BOEING	B-747-400	875.00	652.00	PW4056 PKG B/PHASE I	4	56.8	4.80	10	30	99.3	98.5	103.4	3	
BOEING	B-747-400	875.00	652.00	RB211-524G	4	58.0	4.10	10	30	99.2	98.0	103.8	3	
BOEING	B-747-400	870.00	652.00	RB211-524H	4	60.6	4.10	10	30	99.5	98.8	103.8	3	
BOEING	B-747-400	875.00	652.00	RB211-524H2	4	58.0	4.10	10	30	98.0	98.8	103.8	3	
BOEING	B-747-SP	702.00	410.00	RB211-524D4	4	51.6	4.20	10	30	99.2	99.8	107.0	3	
BOEING	B-747-SP	660.00	450.00	JT9D-7A	4	47.0	5.10	10	30	99.6	101.3	102.5	3	
BOEING	B-747-SP	702.00	450.00	JT9D-7J	4	50.0	5.10	10	30	100.1	103.3	103.2	3	
BOEING	B-747-SP	696.00	450.00	RB211-524B2	4	50.1	4.30	10	30	99.5	99.8	103.2	3	
BOEING	B-747-SP	701.00	465.00	JT9D-7A	4	47.0	5.10	10	30	102.0	101.1	102.9	3	
BOEING	B-747-SP	660.00	475.00	JT9D-7F	4	48.0	5.10	10	30	98.7	102.3	103.8	3	
BOEING	B-747-SP	702.00	475.00	JT9D-7J	4	50.0	5.10	10	30	100.1	103.3	103.8	3	
BOEING	B-747-SP	696.00	475.00	JT9D-7J	4	50.0	5.10	10	30	99.8	103.5	103.8	3	
BOEING	B-747-SR	571.00	564.00	CF6-45A2	4	46.5	4.10	10	30	98.4	93.2	105.4	3	
BOEING	B-747-SR	610.00	564.00	JT9D-7A	4	47.0	5.10	10	30	101.8	101.6	106.9	3	*
BOEING	B-757-200	220.00	198.00	PW 2037	2	38.2	5.80	5	30	86.2	94.0	97.7	3	

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STAGE 3
TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>	<u>FLAPS</u>			<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>	<u>BPR</u>	<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
BOEING	B-757-200	220.00	198.00	PW 2040	2	41.7	5.70	5	30	84.6	94.5	97.7	3	
BOEING	B-757-200	220.00	198.00	RB211-535-E4	2	40.1	4.10	5	30	82.2	93.3	95.0	3	
BOEING	B-757-200	220.00	198.00	RB211-535C	2	37.4	4.50	5	30	85.5	94.0	100.3	3	
BOEING	B-757-200	220.00	198.00	RB211-535E4-B	2	43.1	4.10	5	30	81.3	94.4	95.0	3	
BOEING	B-757-200	255.50	210.00	PW 2037	2	38.2	5.80	5	30	91.4	93.7	98.1	3	
BOEING	B-757-200	255.50	210.00	PW 2040	2	41.7	5.70	5	30	89.7	94.2	98.1	3	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	2	40.1	4.10	5	30	86.8	93.0	95.2	3	
BOEING	B-757-200	240.00	210.00	RB211-535C	2	37.4	4.50	5	25	88.1	93.8	99.6	3	
BOEING	B-757-200	255.50	210.00	RB211-535E4-B	2	43.1	4.10	5	30	85.7	94.1	95.2	3	
BOEING	B-767-200	279.90	257.00	CF6-80A	2	48.0	4.60	1	30	84.9	95.5	101.4	3	
BOEING	B-767-200	279.90	257.00	CF6-80A2	2	50.0	4.60	1	30	84.2	97.2	101.4	3	
BOEING	B-767-200	282.00	257.00	JT9D-7R4D(A)	2	48.0	5.00	1	30	87.7	95.7	101.8	3	
BOEING	B-767-200	282.00	257.00	JT9D-7R4D(B)	2	48.0	5.00	1	30	88.4	95.9	101.9	3	
BOEING	B-767-200	282.00	257.00	JT9D-7R4E	2	50.0	5.00	1	30	87.5	96.8	101.9	3	
BOEING	B-767-200	300.00	270.00	CF6-80C2-B2	2	52.5	5.00	1	30	85.2	94.1	95.7	3	
BOEING	B-767-200	351.00	270.00	CF6-80C2-B4	2	57.9	5.00	1	30	87.7	95.3	95.7	3	
BOEING	B-767-200	335.00	270.00	PW4052	2	52.0	4.80	1	30	89.4	95.0	97.8	3	
BOEING	B-767-200	340.00	270.00	PW4056	2	56.7	4.80	1	30	88.5	96.0	97.8	3	
BOEING	B-767-200	351.00	285.00	PW4052	2	52.0	4.80	1	30	90.9	94.9	98.2	3	
BOEING	B-767-200	360.00	300.00	CF6-80A	2	48.0	4.60	1	30	92.8	94.8	101.7	3	
BOEING	B-767-200	360.00	300.00	CF6-80A2	2	50.0	4.60	1	30	91.7	96.5	101.7	3	
BOEING	B-767-200	351.00	300.00	CF6-80C2-B2	2	52.5	5.00	1	30	89.5	93.7	96.4	3	

STAGE 3
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#		TO	AP	TO	SL	AP		
BOEING	B-767-200	387.00	300.00	CF6-80C2-B4	2	57.9	5.00	1	30	90.6	95.0	96.4	3	
BOEING	B-767-200	351.00	300.00	JT9D-7R4D(A)	2	48.0	5.00	1	30	95.1	95.2	102.7	3	
BOEING	B-767-200	360.00	300.00	JT9D-7R4D(B)	2	48.0	5.00	1	30	96.2	95.3	102.6	3	
BOEING	B-767-200	360.00	300.00	JT9D-7R4E	2	50.0	5.00	1	30	95.4	96.2	102.6	3	
BOEING	B-767-200	400.00	300.00	PW 4056	2	56.7	4.80	1	30	93.7	95.5	98.6	3	
BOEING	B-767-200/200ER	300.00	270.00	CF6-80C2B2F	2	52.5	5.00	1	30	85.1	93.8	95.8	3	
BOEING	B-767-200/200ER	300.00	270.00	CF6-80C2B4F	2	57.9	5.00	1	30	83.7	95.2	95.8	3	
BOEING	B-767-200/200ER	299.60	270.00	PW4056 PH3 (FB2C)	2	56.8	4.80	1	30	81.8	95.1	95.9	3	
BOEING	B-767-200/200ER	340.00	270.00	NRI PW4060	2	60.0	4.80	1	30	87.7	97.3	97.8	3	
BOEING	B-767-200/200ER	299.60	270.00	PW4060 PH3 (FB2C)	2	60.0	4.80	1	30	81.6	96.4	95.9	3	
BOEING	B-767-200/200ER	360.00	300.00	NRI CF6-80C2B2F	2	52.5	5.00	1	30	90.2	93.4	96.5	3	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B4F	2	57.9	5.00	1	30	88.5	94.8	96.5	3	
BOEING	B-767-200/200ER	387.00	300.00	CF6-80C2B4F W/N1 MOD	2	57.9	5.00	1	30	90.6	94.6	96.5	3	
BOEING	B-767-200/200ER	400.00	300.00	CF6-80C2B6F W/N1 MOD	2	61.5	5.00	1	30	90.5	95.5	96.5	3	
BOEING	B-767-200/200ER	395.00	300.00	PW4056 PH3 (FB2C)	2	56.8	4.80	1	30	89.8	94.5	96.6	3	
BOEING	B-767-200/200ER	387.00	300.00	NRI PW4060	2	60.0	4.80	1	30	91.6	96.9	98.6	3	
BOEING	B-767-200/200ER	395.00	300.00	PW4060 PH3 (FB2C)	2	60.0	4.80	1	30	89.0	95.9	96.6	3	
BOEING	B-767-300	300.00	280.00	NRI CF6-80A	2	48.0	4.60	5	30	87.5	95.2	101.7	3	
BOEING	B-767-300	300.00	280.00	CF6-80A2	2	50.0	4.60	5	30	86.7	96.9	101.7	3	
BOEING	B-767-300	380.00	280.00	CF6-80C2-B4	2	57.9	5.00	5	30	90.2	95.3	96.5	3	
BOEING	B-767-300	380.00	280.00	CF6-80C2-B6	2	61.5	5.00	5	30	89.2	96.4	96.5	3	
BOEING	B-767-300	288.70	280.00	CF6-80C2B2	2	52.5	5.00	5	30	83.1	94.3	96.5	3	

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APPENDIX 3***STAGE 3***
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#		TO	AP	TO	SL	AP		
BOEING	B-767-300	380.00	280.00	CF6-80C2B6F	2	61.5	5.00	5	30	89.1	96.1	96.6	3	
BOEING	B-767-300	300.00	280.00	JT9D-7R4D(B)	2	48.0	5.00	5	30	91.0	95.7	102.3	3	
BOEING	B-767-300	300.00	280.00	JT9D-7R4E	2	50.0	5.00	5	30	90.0	96.5	102.3	3	
BOEING	B-767-300	380.00	280.00	PW 4056	2	56.7	4.80	5	30	92.0	96.0	98.8	3	
BOEING	B-767-300	380.00	280.00	PW4060	2	60.0	4.80	5	30	91.2	97.2	98.8	3	
BOEING	B-767-300	340.00	280.00	RB211-524G	2	58.0	4.30	5	30	89.4	94.3	98.5	3	
BOEING	B-767-300	340.00	280.00	RB211-524H	2	60.6	4.10	5	30	88.7	95.2	98.5	3	
BOEING	B-767-300	351.00	320.00	CF6-80A	2	48.0	4.60	5	30	92.0	94.9	101.7	3	
BOEING	B-767-300	351.00	320.00	CF6-80A2	2	50.0	4.60	5	30	91.2	96.5	101.7	3	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B4	2	57.9	5.00	5	30	92.1	95.2	98.4	3	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B6	2	61.5	5.00	5	30	91.1	96.3	98.4	3	
BOEING	B-767-300	407.00	320.00	CF6-80C2B6F	2	61.5	5.00	5	30	90.9	96.0	98.5	3	
BOEING	B-767-300	351.00	320.00	JT9D-7R4D(B)	2	48.0	5.00	5	30	95.7	95.4	103.0	3	
BOEING	B-767-300	351.00	320.00	JT9D-7R4E	2	50.0	5.00	5	30	95.0	96.2	103.0	3	
BOEING	B-767-300	407.00	320.00	PW 4056	2	56.7	4.80	5	30	94.2	95.7	100.2	3	
BOEING	B-767-300	407.00	320.00	PW 4060	2	60.0	4.80	5	30	93.2	97.0	100.2	3	
BOEING	B-767-300	407.00	320.00	RB211-524G	2	58.0	4.30	5	30	93.8	94.0	99.8	3	
BOEING	B-767-300	407.00	320.00	RB211-524H	2	60.6	4.10	5	30	92.9	94.8	99.8	3	
BOEING	B-767-300/300ER	295.00	280.00	PW4056 PH3 (FB2C) NRI	2	56.0	4.80	5	30	81.9	95.3	96.6	3	
BOEING	B-767-300/300ER	295.00	280.00	PW4060 PH3 (FB2C) NRI	2	60.0	4.80	5	30	81.5	96.6	96.6	3	
BOEING	B-767-300/300ER	345.00	280.00	PW4062 PH3 (FB2C) NRI	2	62.0	4.80	5	30	84.6	98.0	96.6	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4056 PH3 (FB2C) NRI	2	56.0	4.80	5	30	91.0	94.6	97.6	3	

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TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)				STAGE	NOTES
		1000#	1000#			1000#		TO	AP	TO	SL	AP			
BOEING	B-767-300/300ER	412.00	320.00	PW4060 PH3 (FB2C)	2	60.0	4.80	5	30	90.3	93.9	97.9	3		
BOEING	B-767-300/300ER	412.00	320.00	NRI PW4062 (FB2B)	2	62.0	4.80	5	30	92.2	99.0	100.2	3		
BOEING	B-767-300/300ER	412.00	320.00	PW4062 PH3 (FB2C)	2	62.0	4.80	5	30	89.9	97.6	97.9	3		
BOEING	B-777-200	545.00	445.00	NRI GE90-76B	2	77.0	8.30	5	30	88.8	93.2	97.6	3		
BOEING	B-777-200	506.00	445.00	GE90-76B	2	77.0	8.30	5	30	86.7	93.3	97.6	3		
BOEING	B-777-200	545.00	445.00	PW4077	2	77.0	6.20	5	30	90.6	95.7	99.4	3		
BOEING	B-777-200	447.50	445.00	PW4077	2	77.0	6.20	5	30	86.8	96.1	99.4	3		
BOEING	B-777-200	545.00	445.00	TRENT875	2	75.0	5.90	5	30	93.7	95.1	99.8	3		
BOEING	B-777-200	506.00	445.00	TRENT875	2	75.0	5.90	5	30	91.7	95.2	99.8	3		
BOEING	B-777-200	506.00	445.00	TRENT877	2	76.9	5.90	5	30	91.1	95.5	99.8	3		
BOEING	B-777-200	545.00	445.00	TRENT877	2	76.9	5.90	5	30	93.1	95.4	99.8	3		
BOEING	B-777-200	632.50	460.00	GE-90-90B	2	90.0	8.30	5	30	90.1	95.0	97.8	3		
BOEING	B-777-200	632.50	460.00	TRENT884	2			5	30	94.3	96.9	99.4	3		
BOEING	B-777-200	632.50	460.00	TRENT892	2			5	30	92.9	97.8	99.4	3		
BOEING	B-777-200	545.00	460.00	TRENT892	2			5	30	88.3	98.1	99.4	3		
CANADAIR	CL-600	36.00	33.00	ALF-502	2	7.50	5.00	20	45	81.6	89.3	91.2	3	*	
CANADAIR	CL-600	40.40	36.00	ALF 502L/L-2/L-2C	2			20	45	84.0	87.2	91.6	3	*	
CANADAIR	CL-600	41.25	36.00	ALF-502L/L-2/L-2C	2			20	45	84.7	89.5	91.6	3	*	
CANADAIR	CL-600 (WINGLETS)	41.25	36.00	ALF-502L/L-2/L-2C	2			20	45	84.8	89.5	91.6	3		
CANADAIR	CL-601	42.10	36.00	CF34-1A	2	8.65	6.30	20	45	79.4	84.9	89.4	3	*	
CANADAIR	CL-601	43.00	36.00	CF34-1A	2			20	45	79.9	84.8	89.4	3	*	
CANADAIR	CL-601-1A	45.10	36.00	CF-34-1A	2			20	45	80.5	84.6	90.1	3	*	

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STAGE 3
TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>		<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>	<u>BPR</u>	<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
CANADAIR	CL-601-3A	43.10	36.00	CF-34-3A	2			20	45	79.4	85.9	89.4	3	*
CANADAIR	CL-601-3A	45.10	36.00	CF-34-3A/-3A2	2			20	45	79.8	85.7	90.1	3	*
CANADAIR	CL-601-3R	45.10	36.00	CF-34-3A1	2			20	45	79.8	85.7	90.1	3	*
CANADAIR	CL-604	47.60	38.00	GE CF34-3B	2			20	45	80.9	86.2	90.3	3	*
CANADAIR	CL-604	48.20	38.00	GE CF34-3B	2			20	45	81.2	86.2	90.3	3	*
CANADAIR	CRJ (CL-600-2B19)	53.00	47.00	CF-34-3A1	2			20	45	79.8	82.2	92.1	3	
CANADAIR	CRJ (CL-600-2B19)	53.00	47.00	CF-34-3B1	2			20	45	78.7	82.4	92.1	3	
CESSNA	500 CITATION	10.30	9.900	JT15D-1	2	2.20	3.30	15	40	76.4	86.1	87.7	3	*
CESSNA	500/501 CITATION I	11.80	11.30	JT15D-1/-1A	2	2.20	3.30	15	40	78.0	86.2	87.9	3	*
CESSNA	525 CESSNA JET	10.40	9.700	FJ44-1A	2	3.20	1.90	15	35	73.4	83.7	92.1	3	
CESSNA	550 CITATION II	13.30	12.70	JT15D-4	2	2.50	3.30	15	40	80.1	86.7	90.5	3	*
CESSNA	550 CITATION II	14.10	13.50	JT15D-4	2	2.50	3.30	0	40	71.6	86.4	90.5	3	
CESSNA	551 CITATION II	12.50	12.00	JT15D-4	2	2.50	3.30	15	40	80.1	86.7	90.5	3	*
CESSNA	552	15.50	14.30	JT15D-5	2	2.90	2.10	20	35	89.3	94.7	88.5	3	*
CESSNA	560 CITATION V	15.90	15.20	JT15D-5A	2	2.90	2.10	7	35	83.7	94.7	88.9	3	
CESSNA	560 CITATION V	16.30	15.20	JT15D-5A	2	2.90	2.10	7	35	84.6	94.6	88.9	3	
CESSNA	650 CITATION III	21.00	17.00	TFE731-3B-100S	2	3.65	3.11	20	37	84.9	92.5	92.4	3	
CESSNA	650 CITATION III	22.00	20.00	TFE731-3B-100S	2	3.65	3.11	7	37	80.1	92.4	93.8	3	22
CESSNA	750 CITATION X	35.70	31.80	AE3607C	2			15	35	72.3	83.0	90.2	3	
CESSNA	S550 CITATION S/II	14.70	14.00	JT15D-4B	2	2.50	3.30	20	35	87.9	91.6	85.1	3	*
CESSNA	S550 CITATION S/II	15.10	14.40	JT15D-4B	2	2.50	3.30	7	35	80.0	91.3	86.2	3	
DASSAULT	FALCON 10	18.30	17.20	TFE731-2	2	3.20	2.80	15	52	82.9	86.4	95.3	3	

STAGE 3
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1003#	1000#			1000#		TO	AP	TO	SL	AP		
DASSAULT	FALCON 10	19.30	17.64	TFE731-2-1C	2	2.00	3.23	15	52	82.2	86.2	95.2	3	
DASSAULT	FALCON 20-C/D/E/F	28.60	27.30	CF700-2D-2Q	2	4.50	2.00	0	40	81.9	94.0	99.7	3	
DASSAULT	FALCON 20-C5/D5/E5	29.10	27.76	TFE-731-5BR-2C	2	4.80	3.70	15	40	80.3	90.7	90.7	3	34
DASSAULT	FALCON 20-C5/D5/E5	29.10	27.76	TFE731-5AR-2C	2	4.50	3.70	15	40	82.9	88.4	90.7	3	
DASSAULT	FALCON 20-C5/D5/E5	30.50	28.80	TFE731-5BR-2C	2	4.80	3.70	15	40	82.9	91.9	90.6	3	
DASSAULT	FALCON 20-F5	29.10	27.76	TFE-731-5BR-2C	2	4.80	3.70	10	40	79.3	90.9	90.0	3	34
DASSAULT	FALCON 20-F5	29.10	27.76	TFE731-5AR-2C	2	4.50	3.50	10	40	81.8	88.6	90.0	3	
DASSAULT	FALCON 20-F5	30.50	28.80	TFE731-5BR-2C	2	4.80	3.70	10	40	81.9	92.1	90.3	3	
DASSAULT	FALCON 20-G	32.00	27.56	ATF3-6-2C	2	5.40		10	40	87.5	88.3	95.9	3	
DASSAULT	FALCON 200	32.00	27.60	ATF3-6A-4C	2	5.20	2.90	5	40	83.9	89.0	93.9	3	
DASSAULT	FALCON 200	32.00	28.88	ATF3-6A-4C	2	5.20	2.90	5	40	83.9	89.0	94.2	3	
DASSAULT	FALCON 2000	36.50	33.00	CFE738-1-1B	2	5.72	6.00	20	40	79.4	86.4	93.1	3	
DASSAULT	FALCON 50	38.80	35.70	TFE731-3-1C	3	3.70	2.80	20	48	84.3	91.6	97.4	3	
DASSAULT	FALCON 50	40.78	35.71	TFE731-3-1C	3			20	48	84.8	91.5	97.1	3	
DASSAULT	FALCON 50	40.78	35.71	TFE731-40-1C	3			20	40	83.8	92.0	95.2	3	
DASSAULT	FALCON 900	45.50	42.00	TFE731-5AR-1C	3	4.50	3.50	20	40	81.9	89.5	91.7	3	
DASSAULT	FALCON 900B	46.50	42.00	TFE731-5BR-1C	3	4.75	3.50	20	40	80.7	91.2	91.7	3	
DASSAULT	FALCON 900B	45.50	42.00	TFE731-5BR-1C	3	4.75	3.50	20	40	79.8	91.2	91.7	3	
FOKKER	F100	98.00	88.00	TAY MK650-15	2	14.7	3.00	0	42	81.8	91.7	93.0	3	
FOKKER	F70	81.00	75.00	TAY MK620-15	2	13.8	3.00	0	42	76.8	89.9	87.7	3	
FOKKER	F70	92.00	81.00	TAY MK620-15	2	13.8	3.00	0	42	80.1	89.5	88.3	3	
GULFSTREAM	G-IV	73.20	58.50	TAY 611-8	2	13.8		10	39	76.8	87.3	91.0	3	

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APPENDIX 3

STAGE 3
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#		TO	AP	TO	SL	AP		
GULFSTREAM	G-IV GULFSTREAM	71.70	58.50	TAY 610-8	2	12.4		20	39	79.0	86.5	91.0	3	
GULFSTREAM	G-IV GULFSTREAM w/ASC	74.60	66.00	TAY 611-8	2			10	39	77.5	86.6	92.0	3	
GULFSTREAM	190 G-V	90.50	75.30	BR700-710A1-10	2			20	39	83.3	89.3	90.9	3	
ISRAEL AIRCRAFT	1124 WESTWIND	22.90	19.00	TFE731-3-1G	2	3.70	2.80	20	40	81.2	88.4	93.0	3	
ISRAEL AIRCRAFT	1124A WESTWIND 2	23.50	19.00	TFE731-3-1G	2	3.70	2.80	20	40	85.4	88.7	92.8	3	*
ISRAEL AIRCRAFT	1125 ASTRA	24.70	20.70	TFE731-3A-200G	2			12	40	84.1	89.7	89.8	3	
ISRAEL AIRCRAFT	1125 ASTRA	23.50	20.70	TFE731-3A-200G	2			12	40	82.3	89.8	89.8	3	
ISRAEL AIRCRAFT	1125 ASTRA SPX	24.65	20.70	TFE731-40R	2			0	40	79.9	89.9	92.3	3	
LEARJET	31	16.50	15.30	TFE731-2-3B	2	3.50		8	40	81.0	87.0	92.6	3	*
LEARJET	31	15.50	15.30	TFE731-2-3B	2	3.50		8	40	79.6	87.2	92.6	3	*
LEARJET	35/36	18.00	14.30	TFE731-2-2B	2	3.50		20	40	84.5	87.9	92.2	3	*
LEARJET	35/36	17.00	14.30	TFE731-2-2B	2	3.50	2.00	20	40	84.0	86.9	92.2	3	*
LEARJET	35A	18.00	14.30	TFE731-2-2B	2	3.50		8	40	83.6	87.4	91.3	3	*
LEARJET	35A/36A	18.00	14.30	TFE731-2-2B	2	3.50		8	40	78.7	87.4	91.3	3	
LEARJET	35A/36A	18.30	15.30	TFE731-2-2B	2	3.50		8	40	79.2	86.7	91.4	3	
LEARJET	36A	18.30	15.30	TFE731-2-2B	2	3.50		20	40	83.9	87.8	91.4	3	*
LEARJET	55	19.50	17.00	TFE731-3A-2B	2	3.70		8	40	84.2	90.9	90.6	3	*
LEARJET	55	21.00	17.00	TFE731-3A-2B	2	3.70		8	40	85.5	90.7	90.6	3	*
LEARJET	55B	21.50	18.00	TFE731-3A-2B	2	3.70		20	40	86.3	90.7	91.0	3	*
LEARJET	55C	21.00	18.00	TFE731-3AR-2B	2	3.90	2.90	20	40	86.2	91.0	92.4	3	*
LEARJET	55C	21.50	18.00	TFE731-3AR-2B	2	3.90	2.90	20	40	86.7	90.9	92.4	3	*
LEARJET	60	23.10	19.50	PW305A	2			8	40	70.8	83.1	87.7	3	

STAGE 3
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST		FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
LEARJET	M55C	21.00	17.00	TFE731-3AR-3B	2			20	40	86.7	91.5	92.4	3	*
LEARJET	M55C	21.50	17.00	TFE731-3AR-3B	2			20	40	87.0	91.4	92.4	3	*
LOCKHEED	1329-23A/D/E w/STAR 3 STC (ST00258SE)	44.25	36.00	TFE731-3-1R	4	3.70	2.80	20	59	85.2	90.7	96.9	3	
LOCKHEED	1329-25 w/STAR 3 STC# ST00259SE	44.50	36.00	TFE731-3-1R	4	3.70	2.80	20	59	85.4	90.7	96.9	3	
LOCKHEED	L-1011	430.00	358.00	RB211-22B	3	41.0		14	42	95.9	95.1	102.8	3	5 *
LOCKHEED	L-1011-1	430.00	358.00	RB211-22B	3	42.0		10	42	96.0	95.0	102.8	3	5 *
LOCKHEED	L-1011-100	466.00	368.00	RB211-22B	3	42.0		10	42	98.5	94.9	102.8	3	5 *
LOCKHEED	L-1011-200	466.00	368.00	RB211-524B	3	50.0		10	33	98.1	97.9	101.4	3	5 *
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B	3	50.0		14	33	98.4	97.8	101.5	3	5 *
LOCKHEED	L-1011-500	504.00	368.00	RB211-524B3	3	50.0		22	33	98.0	96.9	100.2	3	5 *
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B3	3	50.0		14	33	97.4	96.7	100.3	3	5 *
LOCKHEED	L-1011-500	510.00	368.00	RB211-524B4	3	50.0		10	33	99.3	96.4	102.0	3	*
LOCKHEED	L1011-385-1-14/15	474.00	368.00	RB211-22B	3	42.0		4	42	98.6	94.1	102.8	3	
LOCKHEED	L1011-385-1-14/15	466.00	368.00	RB211-524B4	3	50.0		10	42	97.9	95.9	103.3	3	*
MCDONNELL DOUGLAS	DC-08-62 (BAC R-1)	350.00	240.00	JT3D-3B	4			12	35	100.5	101.2	100.2	3	6
MCDONNELL DOUGLAS	DC-08-62 (BAC/MGM)	348.00	240.00	JT3D-3B	4			12	35	100.5	101.2	100.7	3	6
MCDONNELL DOUGLAS	DC-08-63 (BAC R-1)	355.00	275.00	JT3D-7	4			12	35	98.9	101.4	103.0	3	6
MCDONNELL DOUGLAS	DC-08-63 (BAC/MGM)	353.00	275.00	JT3D-7	4			12	35	98.9	101.4	103.0	3	6
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM-56-2C5	4	22.0				94.3	92.9	98.3	3	*
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM56-2-C1	4	22.0	6.00	15	50	94.3	92.9	98.3	3	*
MCDONNELL DOUGLAS	DC-08-71	328.00	258.00	CFM56-2-C1	4	22.0	6.00	15	50	94.5	92.9	98.6	3	*
MCDONNELL DOUGLAS	DC-08-72	335.00	240.00	CFM56-2-C1	4	22.0	6.00	12	50	94.4	92.9	98.1	3	*

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APPENDIX 3***STAGE 3***
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#		IQ	AP	IQ	SL	AP		
MCDONNELL DOUGLAS	DC-08-72	350.00	250.00	CFM56-2-C1	4	22.0	6.00	12	50	95.2	92.8	98.2	3	*
MCDONNELL DOUGLAS	DC-08-73	355.00	258.00	CFM56-2-C1	4	22.0	6.00	12	50	95.7	92.8	98.3	3	*
MCDONNELL DOUGLAS	DC-08-73	355.00	275.00	CFM56-2-C1	4	22.0	6.00	12	50	95.7	92.8	98.5	3	*
MCDONNELL DOUGLAS	DC-09-10 (ABS)	90.70	81.70	JT8D-7/7A/7B	2			10	40	87.2	96.4	95.0	3	6
MCDONNELL DOUGLAS	DC-09-20 (ABS;STC SA1613GL)	100.00	93.40	JT8D-9/9A	2			0	40	88.8	96.9	95.7	3	
MCDONNELL DOUGLAS	DC-09-20 (ABS)	100.00	93.40	JT8D-9/9A	2			0	40	88.8	96.9	95.7	3	12,17
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1613GL)	103.00	99.00	JT8D-9/9A	2			0	40	89.7	96.8	96.0	3	12
MCDONNELL DOUGLAS	DC-09-30 (ABS;STC SA1613GL)	107.00	101.00	JT8D-9/9A	2			0	40	90.1	97.1	96.0	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1613GL)	103.00	99.00	JT8D-7/7A/7B	2			0	40	90.3	95.9	96.0	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1613GL)	105.00	101.00	JT8D-7/7A/7B	2			0	40	91.0	95.8	96.0	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1613GL)	105.00	101.00	JT8D-9/9A	2			0	40	90.3	96.7	96.1	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1785GL)	103.00	99.00	JT8D-7/7A/7B	2			0	40	90.4	95.9	96.0	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1785GL)	103.00	99.00	JT8D-9/9A	2			0	40	89.7	96.8	96.0	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1785GL)	107.00	101.00	JT8D-7/7A/7B	2			0	40	91.0	96.2	96.0	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1785GL)	107.00	101.00	JT8D-9/9A	2			0	40	90.1	97.1	96.0	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA1785GL)	103.00	99.00	JT8D-7/7A/7B	2			0	40	90.3	95.9	96.0	3	
MCDONNELL DOUGLAS	DC-09-31/32/32F/33F (ABS;STC DC-09-31/32/32F/33F (ABS;STC	107.00	101.00	JT8D-7/7A/7B	2			0	40	91.0	96.2	96.0	3	
MCDONNELL DOUGLAS	DC-10-10	410.00	347.80	CF6-6D	3	39.3	5.70	14	50	97.4	97.0	104.9	3	*
MCDONNELL DOUGLAS	DC-10-10	410.00	347.80	CF6-6K	3	39.3	5.90	14	50	96.8	96.3	103.3	3	*
MCDONNELL DOUGLAS	DC-10-10	430.00	347.80	CF6-6K2	3	40.9	5.90	11	50	97.4	96.5	103.3	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D	3	39.3	5.70	0	50	101.8	96.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1	3	40.3	5.80	4	50	100.2	96.6	105.5	3	*

STAGE 3
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	FLAPS			NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#	BPR	TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	DC-10-10	430.00	363.50	CF6-6D1	3	40.3	5.80	11	50	98.1	97.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	430.00	363.50	CF6-6D1A	3	40.9	5.80	11	50	98.1	97.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1A	3	40.9	5.80	4	50	100.2	96.6	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K	3	39.3	5.90	0	50	100.9	95.5	103.8	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K2	3	40.9	5.90	4	50	99.3	96.1	103.8	3	*
MCDONNELL DOUGLAS	DC-10-15	455.00	363.50	CF6-50C2-F	3	45.6	4.60	5	50	93.8	95.6	103.1	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C/H	3	50.4	4.30	10	50	101.6	97.5	106.3	3	
MCDONNELL DOUGLAS	DC-10-30	572.00	403.00	CF6-50C1	3	51.8	4.20	10	50	102.1	98.3	106.3	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2	3	51.8	4.30	5	50	96.8	97.8	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2-B	3	53.2	4.30	5	50	96.1	98.4	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2-R	3	50.4	4.40	10	50	97.5	97.2	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	572.00	411.00	CF6-50C/H	3	50.4	4.30	10	50	102.3	97.5	106.6	3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C1	3	51.8	4.20	10	50	103.0	98.0	106.6	3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2	3	51.8	4.30	15	50	99.0	97.9	105.3	3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2-B	3	53.2	4.30	15	50	98.7	98.5	105.3	3	
MCDONNELL DOUGLAS	DC-10-30	572.00	421.00	CF6-50C2-R	3	50.4	4.40	10	50	98.4	97.3	105.8	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	424.00	CF6-50C2	3	51.8	4.30	5	50	96.8	97.8	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	572.00	424.00	CF6-50C2-B	3	53.2	4.30	10	50	97.4	98.5	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	555.00	424.00	CF6-50C2-B	3	53.2	4.30	5	50	96.1	98.4	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	590.00	436.00	CF6-50C2	3	51.8	4.30	15	50	99.0	97.7	106.4	3	15
MCDONNELL DOUGLAS	DC-10-40	530.00	403.00	JT9D-20D	3	44.5	5.00	10	50	100.8	95.2	105.7	3	*
MCDONNELL DOUGLAS	DC-10-40	555.00	403.00	JT9D-59A	3	51.7	4.90	10	50	101.4	98.0	106.4	3	*

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TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW	MLW	ENGINE MODEL	NO.	THRUST	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE	NOTES
		1000#	1000#			1000#		TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	MD-11	602.50	430.00	CF6-80C2	3	61.5	5.30	10	50	92.8	96.3	103.6	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	CF6-80C2D1F	3	61.5	5.30	10	50	92.8	96.3	103.6	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	PW4460	3	60.0	5.00	10	50	93.7	96.3	103.8	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	PW4462	3	62.0	5.00	10	50	93.1	96.6	103.8	3	
MCDONNELL DOUGLAS	MD-11	618.00	471.50	CF6-80C2	3	61.5	5.30	10	50	93.9	96.3	104.3	3	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4460	3	60.0	5.00	10	50	95.8	96.1	104.4	3	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4462	3	62.0	5.00	10	50	95.0	96.5	104.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	CF6-80C2D1F	3	61.5	5.30	10	50	92.8	96.4	103.6	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	PW4460 (-3)	3	60.0	5.00	10	50	93.9	96.2	103.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	PW4462 (-3)	3	62.0	5.00	10	50	93.3	96.6	103.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	CF6-80C2D1F	3	61.5	5.30	10	50	94.5	96.3	104.5	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4460 (-3)	3	60.0	5.00	10	50	95.6	98.0	104.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4462 (-3)	3	62.0	5.00	10	50	95.0	96.5	104.4	3	
MCDONNELL DOUGLAS	MD-80	140.00	128.00	JT8D-209	2	19.2	1.83	0	40	88.9	94.7	92.8	3	10
MCDONNELL DOUGLAS	MD-80	140.00	128.00	JT8D-219	2	21.7	1.70	0	40	86.7	97.3	92.8	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-209	2	19.2	1.83	0	40	91.1	94.5	92.9	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-217	2	20.8	1.80	0	40	89.7	95.8	92.9	3	10
MCDONNELL DOUGLAS	MD-80	142.00	130.00	JT8D-217	2	20.8	1.80	0	40	88.2	96.1	92.9	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-219	2	21.7	1.70	0	40	88.6	97.1	92.9	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217A	2	20.8	1.80	2	40	92.0	95.9	93.7	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217C	2	20.8	1.70	2	40	91.5	96.3	93.7	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-219	2	21.7	1.70	2	40	90.8	97.2	93.7	3	10

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STAGE 3

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS		NOISE LEVEL (EPNdB)			STAGE NOTES	
								TO	AP	TO	SL	AP		
MCDONNELL DOUGLAS	MD-87	125.00	120.00	JT8D-217A	2	20.8	1.80	0	40	84.3	96.4	92.9	3	10
MCDONNELL DOUGLAS	MD-87	125.00	120.00	JT8D-217C	2	20.8	1.70	0	40	84.1	96.5	92.9	3	10
MCDONNELL DOUGLAS	MD-87	140.00	128.00	JT8D-219	2	21.7	1.70	0	40	86.5	97.1	93.3	3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217A	2	20.8	1.80	1	40	89.7	95.9	93.3	3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217C	2	20.8	1.70	1	40	89.2	96.2	93.3	3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-219	2	21.7	1.70	1	40	88.5	97.1	93.3	3	10
MCDONNELL DOUGLAS	MD-90-30	135.00	130.00	V2525-D5	2	25.0	4.80	5	40	78.3	89.2	91.7	3	
MCDONNELL DOUGLAS	MD-90-30	135.00	130.00	V2528-D5	2	28.0	4.80	5	40	77.2	91.4	91.7	3	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2525-D5	2	25.0	4.80	5	40	84.2	88.7	91.8	3	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2528-D5	2	28.0	4.80	5	40	82.6	90.9	91.8	3	
MITSUBISHI	MU-300 (DIAMOND I)	14.10	13.20	JT15D-4	2	2.50		10	30	86.3	88.0	85.8	3	*
MITSUBISHI	MU-300 (DIAMOND I)	15.50	13.20	JT15D-4D	2			0	30	81.2	88.4	85.8	3	
MITSUBISHI	MU-300-10 (DIAM. II)	15.78	14.22	JT15D-5	2	2.88		10	30	88.6	93.7	91.4	3	*
RAYTHEON	HAWKER 125- 1A	21.20	19.60	TFE731-3-1H	2	3.70	2.70	0	45	83.4	90.1	96.0	3	
RAYTHEON	HAWKER 125- 1A	21.70	19.60	TFE731-3-1H	2	3.70	2.70	0	45	84.2	90.0	96.0	3	
RAYTHEON	HAWKER 125- 3A	21.70	20.00	TFE731-3-1H	2	3.70	2.70	0	45	84.2	90.0	96.3	3	
RAYTHEON	HAWKER 125- 3A/RA	23.60	20.00	TFE731-3-1H	2	3.70	2.70	0	45	85.5	89.8	95.7	3	
RAYTHEON	HAWKER 125- 400A	23.60	20.00	TFE731-3-1H	2	3.70	2.70	0	45	85.5	89.8	95.7	3	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	TFE731-3-1H	2	3.70	2.70	0	45	88.0	89.2	96.3	3	
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	2	3.70	2.70	0	45	88.0	89.2	96.3	3	33
RAYTHEON	HAWKER 125- 800	27.40	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	80.9	87.2	96.5	3	
RAYTHEON	HAWKER 125- 800A	27.40	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	80.9	89.6	96.5	3	25

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APPENDIX 3***STAGE 3***
TURBOJET POWERED AIRPLANES

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW</u>	<u>MLW</u>	<u>ENGINE MODEL</u>	<u>NO.</u>	<u>THRUST</u>		<u>FLAPS</u>		<u>NOISE LEVEL (EPNdB)</u>			<u>STAGE</u>	<u>NOTES</u>
		<u>1000#</u>	<u>1000#</u>			<u>1000#</u>	<u>BPR</u>	<u>TO</u>	<u>AP</u>	<u>TO</u>	<u>SL</u>	<u>AP</u>		
RAYTHEON	HAWKER 125-1000	31.00	25.00	PW305	2	5.20	4.50	0	25	81.8	85.9	91.6	3	
RAYTHEON	HAWKER 125-1000	35.50	28.50	PW305	2	5.20	4.50	0	25	85.7	85.3	92.0	3	
SABRELINER	SABRELINER 65	24.00	21.80	TFE731-3R	2	3.70	2.80			84.0	93.0	90.6	3	*
SABRELINER	SABRELINER 65	22.70	21.80	TFE731-3R	2	3.70	2.80	0	36	82.3	93.1	90.6	3	*

Refer to Appendix J for Note Explanations

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APPENDIX 4

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
AEROSPATIALE	SN601 CORVETTE	14.60	13.20	JT15D-4	15	74.0	
AIRBUS	A300 B4-605R	385.46	319.38	CF6-80C2A5F	0	91.5	
AIRBUS	A300B2-1C	313.00	286.60	CF6-50C2-R	0	91.8	
AIRBUS	A300B2-203	313.10	286.60	CF6-50-C2	16	91.1	
AIRBUS	A300B4-103	347.20	295.40	CF6-50-C2	16	93.6	
AIRBUS	A300B4-203	363.70	299.83	CF6-50-C2	0	94.0	31
AIRBUS	A300B4-622R	330.00	275.00	PW-4158	0	88.0	
AIRBUS	A310-221	305.60	267.90	JT9D-7R4D1	15	90.5	
AIRBUS	A310-304	352.74	286.60	CF6-80C2A2	0	92.9	
AIRBUS	A310-324	330.69	271.16	PW-4152	15	90.6	
AIRBUS	A319-112	158.73	149.91	CFM56-5B6 w/SAC	10	85.4	
AIRBUS	A319-113	158.73	149.91	CFM56-5A4	10	87.5	
AIRBUS	A319-131	158.73	149.91	V2522-A5	10	85.3	
AIRBUS	A320-211	162.00	142.20	CFM56-5A1	10	87.8	
AIRBUS	A320-231	162.00	142.20	V2500.A1	10	86.6	
AIRBUS	A330-301	507.06	418.88	CF6-80E1A2	14	94.2	
AIRBUS	A330-321	507.06	418.88	PW4164	8	95.6	
AIRBUS	A330-322	507.06	418.88	PW4168	8	94.1	
AIRBUS	A340-212	595.25	440.92	CFM56-5C3	17	96.1	

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
AIRBUS	A340-312	595.24	440.92	CFM56-5C3	17	96.2	
AVRO	146-RJ 85	97.00	85.00	LF 507-1F	18	84.3	
BAe	1-11 200	80.00	71.00	SPEY 506-14	3	93.3	12
BAe	1-11 400	87.00	77.20	SPEY511-14/14W	0	94.8	12
BAe	1-11 400	89.50	79.00	SPEY511-14/14W	0	95.7	12
BAe	146-100A	76.00	72.35	ALF502R-3	18	80.7	
BAe	146-100A	82.25	73.35	ALF502R-3A	18	82.3	
BAe	146-100A	84.00	77.50	ALF502R-5	18	81.8	
BAe	146-200A	89.50	77.50	ALF502R-3	18	85.9	
BAe	146-200A	89.50	77.50	ALF502R-3A	18	84.9	
BAe	146-200A	93.00	81.00	ALF502R-5	18	85.2	
BAe	146-300	101.50	88.50	LF 507-1H/-1F	18	86.3	
BAe	146-300A	97.50	84.50	ALF502R-5	18	86.5	
BAe	C-29A	28.00	23.35	TFE731-5R-1H	0	81.4	
BEECH	BEECHJET 400	15.78	14.22	JT15D-5	10	88.6	*
BOEING	B-707-100B (QNC)	241.30	190.00	JT3D-1		103.4	6,**
BOEING	B-707-100B (QNC)	258.00	190.00	JT3D-3B		103.8	6,**
BOEING	B-707-120B (SHANNON)	258.00	190.00	JT3D-1		103.5	21,**
BOEING	B-707-138B (SHANNON)	258.00	190.00	JT3D-1		103.2	21,**
BOEING	B-707-300B ADV/C QNC	335.00	247.50	JT3D-3B		104.4	6,**

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-707-300B ADV/C SHN	330.00	201.00	JT3D-7		104.7	6,**
BOEING	B-707-300B ADV/C SHN	321.00	240.00	JT3D-3B		104.5	6,**
BOEING	B-707-300B ADV/C SHN	322.30	247.00	JT3D-1-3B(IC)	14	105.5	6,21,**
BOEING	B-720B (QNC)	234.00	175.00	JT3D-1		102.3	6,**
BOEING	B-720B (QNC)	234.00	175.00	JT3D-3B		99.3	6,**
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-1		98.9	6,**
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-3B		97.3	6,**
BOEING	B-727-100	169.50	137.50	JT8D-1FCD	5	98.5	3
BOEING	B-727-100	169.50	137.50	JT8D-7FCD	5	97.9	3,16
BOEING	B-727-100	169.50	137.50	JT8D-9FCD	5	98.3	3,17
BOEING	B-727-100 (Dec Howard)	169.50	137.50	TAY 651-54	5	92.1	
BOEING	B-727-100 (FED EX;STC SA3993NM)	163.50	137.50	JT8D-7 w/BOEING INLET+FAN CSD	5	93.2	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	137.50	JT8D-9 w/BOEING INLET+CHIN CSD	5	93.9	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	174.50	142.50	JT8D-7 w/BOEING INLET+CHIN CSD	5	95.7	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+CHIN CSD	5	94.1	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+FAN CSD	5	94.1	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-9 w/BOEING INLET+FAN CSD	5	93.9	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	174.50	142.50	JT8D-9 w/BURBANK INLET+CHIN CSD	5	94.9	35
BOEING	B-727-200	190.50	142.50	JT8D-15QN	5	100.0	2,18
BOEING	B-727-200	208.00	142.50	JT8D-17RQN	5	102.4	2,20

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-727-200	177.60	142.50	JT8D-7FCD	5	99.8	3,16
BOEING	B-727-200	172.50	142.50	JT8D-7QN	15	100.0	2,16
BOEING	B-727-200	184.80	142.50	JT8D-9QN	15	101.5	2,17
BOEING	B-727-200	178.00	150.00	JT8D-9FCD	5	100.7	3,17
BOEING	B-727-200	203.10	158.00	JT8D-17QN	5	102.0	2,19
BOEING	B-727-200 (FED EX;STC SA4833NM	172.60	150.00	JT8D-7 w/BOEING INLET+CHIN CSD	5	96.0	35
BOEING	B-727-200 (FED EX;STC SA4833NM	172.50	150.00	JT8D-7 w/BOEING INLET+FAN CSD	5	95.9	35
BOEING	B-727-200 (FED EX;STC SA4833NM	173.88	150.00	JT8D-9 w/BOEING INLET+CHIN CSD	5	95.5	35
BOEING	B-727-200 (FED EX;STC SA4833NM	167.85	150.00	JT8D-9 w/BOEING INLET+FAN CSD	5	94.2	35
BOEING	B-727-200 (FED EX;STC SA4833NM	175.00	150.00	JT8D-9 w/BURBANK INLET+CHIN CSD	5	95.2	35
BOEING	B-727-200 (FED EX;STC SA4833NM	170.48	150.00	JT8D-9 w/BURBANK INLET+FAN CSD	5	94.3	35
BOEING	B-727-200 (FED EX;STC SA4833NM	178.42	154.50	JT8D-7 w/BURBANK INLET+CHIN CSD	5	97.0	35
BOEING	B-727-200 (FED EX;STC SA4833NM	178.00	161.00	JT8D-7 w/BURBANK INLET+FAN CSD	5	96.9	35
BOEING	B-727-200 (FED EX;STC SA5839NM	189.20	160.00	JT8D-9 w/BOEING INLET+CHIN CSD	5	97.3	27
BOEING	B-727-200 (FED EX;STC SA5839NM	189.20	160.00	JT8D-9 w/BOEING INLET+FAN CSD	5	97.3	27
BOEING	B-727-200 (FED EX;STC SA5839NM	191.20	160.00	JT8D-9 w/BURBANK INLET+CHIN CSD	5	97.4	27
BOEING	B-727-200 (FED EX;STC SA5839NM	191.20	160.00	JT8D-9 w/BURBANK INLET+FAN CSD	5	97.4	27
BOEING	B-727-200 (FED EX;STC SA5839NM	202.00	164.00	JT8D-17 w/BURBANK INLET	5	97.1	27
BOEING	B-727-200 (FED EX;STC SA5839NM	199.51	166.00	JT8D-15 w/BOEING INLET+CHIN CSD	5	97.6	28
BOEING	B-727-200 (FED EX;STC SA5839NM	199.05	166.00	JT8D-15 w/BOEING INLET+CHIN CSD	5	97.6	27

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-727-200 (FED EX;STC SA5839NM	199.05	166.00	JT8D-15 w/BOEING INLET+FAN CSD	5	97.6	27
BOEING	B-727-200 (FED EX;STC SA5839NM	201.00	166.00	JT8D-15 w/BURBANK	5	97.7	27
BOEING	B-727-200 (FED EX;STC SA5839NM	200.00	166.00	JT8D-17 w/BOEING INLET	5	97.1	27
BOEING	B-727-200RE(VALSAN)	190.50	148.00	JT8D-15/217C		91.5	6,23
BOEING	B-727-200RE(VALSAN)	198.50	159.00	JT8D-17/217C		92.2	6,23
BOEING	B-727-200RE(VALSAN)	209.50	159.00	JT8D-17A/217C		94.5	6,23
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	88.00	JT8D-17	1	91.4	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	117.00	90.00	JT8D-15	1	89.7	35,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	93.00	JT8D-15	1	92.1	27,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	1	91.4	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	118.50	107.00	JT8D-9	1	91.5	35,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	1	91.5	27,41
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW HUSHKIT	1	91.1	27
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW-L HUSHKIT	1	90.2	
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	88.00	JT8D-15	1	90.3	35,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	95.00	JT8D-9	1	91.7	35,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	98.00	JT8D-15	1	92.1	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	107.00	JT8D-15	1	92.1	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	124.50	107.00	JT8D-15	1	91.8	35,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	125.00	107.00	JT8D-17	1	90.2	27

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	1	91.2	27
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	107.00	JT8D-9	1	91.7	35,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	1	91.5	27,41
BOEING	B-737-200 ADV(NORDAM;STC SA5730NM)	126.70	107.00	JT8D-15	1	91.0	27,42
BOEING	B-737-200 ADV(NORDAM;STC SA5730NM)	126.50	107.00	JT8D-17	1	90.0	27
BOEING	B-737-200 ADV(NORDAM;STC SA5730NM)	124.50	107.00	JT8D-9	1	91.9	27,41
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	121.60	107.00	JT8D-15 w/LGW HUSHKIT	1	91.7	37
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	125.90	107.00	JT8D-15 w/LGW-L HUSHKIT	1	91.8	37
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	120.50	107.00	JT8D-17/-17A w/LG HUSHKIT	1	90.8	
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	117.00	107.00	JT8D-7 w/LGW-N HUSHKIT	1	91.6	40
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	118.70	107.00	JT8D-9 w/LGW HUSHKIT	1	91.6	36
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	122.90	107.00	JT8D-9 w/LGW-L HUSHKIT	1	91.8	36
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	118.50	107.00	JT8D-9 w/LGW-N HUSHKIT	1	91.6	36
BOEING	B-737-200 ADV.	128.10	79.10	JT8D-17QN	1	97.0	2,19
BOEING	B-737-200 ADV.	128.10	88.00	JT8D-15QN	1	97.7	2,18
BOEING	B-737-200 ADV.	122.50	105.00	JT8D-9QN	1	96.9	2,17
BOEING	B-737-200 NON-ADV.	109.00	98.00	JT8D-7QN	1	94.7	2,16
BOEING	B-737-200 NON-ADV.	117.00	101.70	JT8D-9QN	1	95.5	2,17
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	1	85.2	38
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	1	85.2	

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	1	83.9	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	1	83.9	38
BOEING	B-737-300	139.50	121.00	CFM56-3-B1	1	87.5	
BOEING	B-737-300	139.50	121.00	CFM56-3B-2	1	85.7	
BOEING	B-737-400	142.50	121.00	CFM56-3-B1	5	88.9	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	5	85.9	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	5	85.9	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	5	86.3	
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	5	86.9	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	5	86.3	38
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	5	86.9	
BOEING	B-737-400	150.00	124.00	CFM56-3B-2	5	87.7	
BOEING	B-737-400	150.00	124.00	CFM56-3C-1	5	87.1	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	5	85.4	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	5	85.4	38
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	5	85.4	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	5	85.4	38
BOEING	B-737-500	139.00	114.00	CFM56-3-B1	5	87.3	
BOEING	B-737-500	132.80	114.00	CFM56-3-B1(R)	5	87.7	
BOEING	B-747-100	750.00	520.00	JT9D-7F	10	104.5	29

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-747-100	710.00	540.00	JT9D-3A	10	105.4	29
BOEING	B-747-100	734.00	540.00	JT9D-7	10	105.1	29
BOEING	B-747-100	734.00	564.00	JT9D-3A	10	109.4	* **
BOEING	B-747-100	710.00	564.00	JT9D-7	10	108.0	* **
BOEING	B-747-100	750.00	585.00	JT9D-7A	10	107.8	* **
BOEING	B-747-100	750.00	585.00	JT9D-7F	10	107.7	* **
BOEING	B-747-100	750.00	585.00	JT9D-7FW	10	107.6	* **
BOEING	B-747-100	750.00	585.00	JT9D-7WET	10	107.4	* **
BOEING	B-747-100	750.00	585.00	RB211-524C2	10	104.5	* **
BOEING	B-747-100	734.00	630.00	JT9D-7A	10	104.3	29
BOEING	B-747-200	767.00	564.00	JT9D-3A	10	110.0	* **
BOEING	B-747-200	770.00	564.00	JT9D-7	10	108.9	* **
BOEING	B-747-200	773.00	585.00	JT9D-3AWET	10	109.1	* **
BOEING	B-747-200	833.00	585.00	RB211-524C2	10	105.5	*
BOEING	B-747-200	820.00	630.00	CF6-50E	10	102.5	
BOEING	B-747-200	833.00	630.00	CF6-50E2	10	102.6	
BOEING	B-747-200	710.00	630.00	JT9D-3A	10	104.4	30
BOEING	B-747-200	734.00	630.00	JT9D-7	10	104.2	30
BOEING	B-747-200	820.00	630.00	JT9D-70A	10	101.1	
BOEING	B-747-200	734.00	630.00	JT9D-7A	10	103.5	30

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-747-200	785.00	630.00	JT9D-7A	10	109.3	* **
BOEING	B-747-200	800.00	630.00	JT9D-7F	10	109.7	* **
BOEING	B-747-200	750.00	630.00	JT9D-7F	10	103.5	30
BOEING	B-747-200	805.00	630.00	JT9D-7FW	10	109.4	* **
BOEING	B-747-200	812.00	630.00	JT9D-7FW/-7J	10	109.7	* **
BOEING	B-747-200	770.00	630.00	JT9D-7J	10	103.6	30
BOEING	B-747-200	800.00	630.00	JT9D-7J	10	109.3	* **
BOEING	B-747-200	833.00	630.00	JT9D-7Q	10	103.2	
BOEING	B-747-200	833.00	630.00	JT9D-7R4G2	10	102.4	**
BOEING	B-747-200	785.00	630.00	JT9D-7WET	10	108.7	* **
BOEING	B-747-200	820.00	630.00	RB211-524B/B2	10	105.5	**
BOEING	B-747-200	833.00	630.00	RB211-524D4	10	103.9	
BOEING	B-747-300	800.00	630.00	CF6-50E2	10	101.6	
BOEING	B-747-300	820.00	630.00	JT9D-70A	10	100.2	**
BOEING	B-747-300	833.00	630.00	JT9D-7R4G2	10	102.4	
BOEING	B-747-300	820.00	630.00	RB211-524B2	10	105.5	**
BOEING	B-747-300	833.00	630.00	RB211-524D4	10	103.9	**
BOEING	B-747-300	833.00	666.00	CF6-80C2B1	10	99.0	
BOEING	B-747-400	600.00	564.00	PW4056	10	89.5	
BOEING	B-747-400	870.00	652.00	CF6-80C2		99.7	

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F	10	99.8	
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F W/N1 MOD	10	99.9	
BOEING	B-747-400	875.00	652.00	PW4056 PI13 (FB2B)	10	99.7	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C)	10	98.6	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C) NR	10	97.4	
BOEING	B-747-400	875.00	652.00	PW4056 PKG A (FB2T)	10	101.6	
BOEING	B-747-400	875.00	652.00	PW4056 PKG B/PHASE I	10	99.3	
BOEING	B-747-400	875.00	652.00	RB211-524G	10	99.2	
BOEING	B-747-400	870.00	652.00	RB211-524H	10	99.5	
BOEING	B-747-400	875.00	652.00	RB211-524H2	10	98.0	
BOEING	B-747-SP	702.00	410.00	RB211-524D4	10	99.2	
BOEING	B-747-SP	696.00	450.00	RB211-524B2	10	99.5	
BOEING	B-747-SP	701.00	465.00	JT9D-7A	10	102.0	
BOEING	B-747-SP	660.00	475.00	JT9D-7F	10	98.7	
BOEING	B-747-SP	702.00	475.00	JT9D-7J	10	100.1	
BOEING	B-747-SR	571.00	564.00	CF6-45A2	10	98.4	
BOEING	B-747-SR	610.00	564.00	JT9D-7A	10	101.8	
BOEING	B-757-200	255.50	210.00	PW 2037	5	91.4	
BOEING	B-757-200	255.50	210.00	PW 2040	5	89.7	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	5	86.8	

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-757-200	240.00	210.00	RB211-535C	5	88.1	
BOEING	B-757-200	255.50	210.00	RB211-535E4-B	5	85.7	
BOEING	B-767-200	351.00	285.00	PW4052	1	90.9	
BOEING	B-767-200	360.00	300.00	CF6-80A	1	92.8	
BOEING	B-767-200	360.00	300.00	CF6-80A2	1	91.7	
BOEING	B-767-200	351.00	300.00	CF6-80C2-B2	1	89.5	
BOEING	B-767-200	387.00	300.00	CF6-80C2-B4	1	90.6	
BOEING	B-767-200	351.00	300.00	JT9D-7R4D(A)	1	95.1	
BOEING	B-767-200	360.00	300.00	JT9D-7R4D(B)	1	96.2	
BOEING	B-767-200	360.00	300.00	JT9D-7R4E	1	95.4	
BOEING	B-767-200	400.00	300.00	PW 4056	1	93.7	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B2F	1	90.2	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B4F	1	88.5	
BOEING	B-767-200/200ER	387.00	300.00	CF6-80C2B4F W/N1 MOD	1	90.6	
BOEING	B-767-200/200ER	400.00	300.00	CF6-80C2B6F W/N1 MOD	1	90.5	
BOEING	B-767-200/200ER	395.00	300.00	PW4056 PH3 (FB2C) NRI	1	89.8	
BOEING	B-767-200/200ER	387.00	300.00	PW4060	1	91.6	
BOEING	B-767-200/200ER	395.00	300.00	PW4060 PH3 (FB2C) NRI	1	89.0	
BOEING	B-767-300	288.70	280.00	CF6-80C2B2	5	83.1	
BOEING	B-767-300	351.00	320.00	CF6-80A	5	92.0	

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-767-300	351.00	320.00	CF6-80A2	5	91.2	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B4	5	92.1	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B6	5	91.1	
BOEING	B-767-300	407.00	320.00	CF6-80C2B6F	5	90.9	
BOEING	B-767-300	351.00	320.00	JT9D-7R4E	5	95.0	
BOEING	B-767-300	407.00	320.00	PW 4056	5	94.2	
BOEING	B-767-300	407.00	320.00	PW 4060	5	93.2	
BOEING	B-767-300	407.00	320.00	RB211-524G	5	93.8	
BOEING	B-767-300	407.00	320.00	RB211-524T	5	92.9	
BOEING	B-767-300/300ER	412.00	320.00	PW4056 PH3 (FB2C) NRI	5	91.0	
BOEING	B-767-300/300ER	412.00	320.00	PW4060 PH3 (FB2C) NRI	5	90.3	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 (FB2B)	5	92.2	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 PH3 (FB2C) NRI	5	89.9	
BOEING	B-777-200	545.00	445.00	GE90-76B	5	88.8	
BOEING	B-777-200	545.00	445.00	PW4077	5	90.6	
BOEING	B-777-200	545.00	445.00	TRENT875	5	93.7	
BOEING	B-777-200	545.00	445.00	TRENT877	5	93.1	
BOEING	B-777-200	632.50	460.00	GE-90-90B	5	90.1	
BOEING	B-777-200	632.50	460.00	TRENT884	5	94.3	
BOEING	B-777-200	632.50	460.00	TRENT892	5	92.9	

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APPENDIX 4

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
CANADAI R	CL-600	36.00	33.00	ALF-502	20	81.6	*
CANADAI R	CL-600	40.40	36.00	ALF 502L/L-2/L-2C	20	84.0	*
CANADAI R	CL-600	41.25	36.00	ALF-502L/L-2/L-2C	20	84.7	*
CANADAI R	CL-600 (WINGLETS)	41.25	36.00	ALF-502L/L-2/L-2C	20	84.8	
CANADAI R	CL-601	43.00	36.00	CF34-1A	20	79.9	*
CANADAI R	CL-601-1A	45.10	36.00	CF-34-1A	20	80.5	*
CANADAI R	CL-601-3A	43.10	36.00	CF-34-3A	20	79.4	*
CANADAI R	CL-601-3A	45.10	36.00	CF-34-3A/-3A2	20	79.8	*
CANADAI R	CL-601-3R	45.10	36.00	CF-34-3A1	20	79.8	*
CANADAI R	CL-604	48.20	38.00	GE CF34-3B	20	81.2	*
CANADAI R	CRJ (CL-600-2B19)	53.00	47.00	CF-34-3A1	20	79.8	
CANADAI R	CRJ (CL-600-2B19)	53.00	47.00	CF-34-3B1	20	78.7	
CESSNA	500 CITATION	10.30	9.900	JT15D-1	15	76.4	*
CESSNA	500/501 CITATION I	11.80	11.30	JT15D-1/-1A	15	78.0	*
CESSNA	525 CESSNA JET	10.40	9.700	FJ44-1A	15	73.4	
CESSNA	550 CITATION II	14.10	13.50	JT15D-4	0	71.6	
CESSNA	551 CITATION II	12.50	12.00	JT15D-4	15	80.1	*
CESSNA	552	15.50	14.30	JT15D-5	20	89.3	*
CESSNA	560 CITATION V	16.30	15.20	JT15D-5A	7	84.6	
CESSNA	650 CITATION III	22.00	20.00	TFE731-3B-100S	7	80.1	22

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
CESSNA	750 CITATION X	35.70	31.80	AE3007C	15	72.3	
CESSNA	S550 CITATION S/II	15.10	14.40	JT15D-4B	7	80.0	
DASSAULT	FALCON 10	18.30	17.20	TFE731-2	15	82.9	
DASSAULT	FALCON 10	19.30	17.64	TFE731-2-1C	15	82.2	
DASSAULT	FALCON 20-C/D/E	28.60	27.30	CF700-2D-2	15	90.0	
DASSAULT	FALCON 20-C/D/E/F	28.60	27.30	CF700-2D-2Q	0	81.9	
DASSAULT	FALCON 20-C5/D5/E5	29.10	27.76	TFE-731-5BR-2C	15	80.3	34
DASSAULT	FALCON 20-C5/D5/E5	29.10	27.76	TFE731-5AR-2C	15	82.9	
DASSAULT	FALCON 20-C5/D5/E5	30.50	28.80	TFE731-5BR-2C	15	82.9	
DASSAULT	FALCON 20-F	28.60	27.30	CF700-2D-2	10	90.0	
DASSAULT	FALCON 20-F5	29.10	27.76	TFE-731-5BR-2C	10	79.3	34
DASSAULT	FALCON 20-F5	29.10	27.76	TFE731-5AR-2C	10	81.8	
DASSAULT	FALCON 20-F5	30.50	28.80	TFE731-5BR-2C	10	81.9	
DASSAULT	FALCON 20-G	32.00	27.56	ATF3-6-2C	10	87.5	
DASSAULT	FALCON 200	32.00	28.88	ATF3-5A-4C	5	83.9	
DASSAULT	FALCON 2000	36.50	33.00	CFE738-1-1B	20	79.4	
DASSAULT	FALCON 50	40.78	35.71	TFE731-3-1C	20	84.8	
DASSAULT	FALCON 50	40.78	35.71	TFE731-40-1C	20	83.8	
DASSAULT	FALCON 900	45.50	42.00	TFE731-5AR-1C	20	81.9	
DASSAULT	FALCON 900B	46.50	42.00	TFE731-5BR-1C	20	80.7	

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
FOKKER	F100	98.00	88.00	TAY MK650-15	0	81.8	
FOKKER	F28 MK1000	65.00	59.00	SPEY MK555-15	6	90.0	
FOKKER	F28 MK2000	65.00		SPEY MK555-15	6	90.0	*
FOKKER	F28 MK3000	71.00	64.00	SPEY MK555-15H	6	91.0	
FOKKER	F28 MK4000	73.00	65.80	SPEY MK555-15H	6	91.9	
FOKKER	F28 MK4000	73.00	69.50	SPEY MK555-15P	6	92.9	
FOKKER	F70	92.00	81.00	TAY MK620-15	0	80.1	
GULFSTREAM	G-II GULFSTREAM	65.50	58.50	SPEY 511-8	10	92.5	12
GULFSTREAM	G-IIB/G-III	69.70	58.50	SPEY 511-8	10	91.1	12
GULFSTREAM	G-IV	73.20	58.50	TAY 611-8	10	76.8	
GULFSTREAM	G-IV GULFSTREAM	71.70	58.50	TAY 610-8	20	79.0	
GULFSTREAM	G-IV GULFSTREAM w/ASC 190	74.60	66.00	TAY 611-8	10	77.5	
GULFSTREAM	G-V	90.50	75.30	BK700-710A1-10	20	83.3	
ISRAEL AIRCRAFT	1124 WESTWIND	22.90	19.00	TFE731-3-1G	20	81.2	
ISRAEL AIRCRAFT	1124A WESTWIND 2	23.50	19.00	TFE731-3-1G	20	85.4	*
ISRAEL AIRCRAFT	1125 ASTRA	24.70	20.70	TFE731-3A-200G	12	84.1	
ISRAEL AIRCRAFT	1125 ASTRA SPX	24.65	20.70	TFE731-40R	0	79.9	
LEARJET	23 Raisbeck MK II	12.50	11.90	CJ610-1/-4	10	88.0	
LEARJET	24 Raisbeck MK II	13.00	11.90	CJ610-1/-4	10	89.0	
LEARJET	24/24D	13.50	11.90	CJ610-6	20	91.8	13

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
LEARJET	24B/D Rainbeck MK II	13.50	11.88	CJ610	10	87.6	
LEARJET	24D	13.50	11.90	CJ610-6	20	91.9	
LEARJET	24D	13.50	11.90	CJ610-6	20	91.8	14
LEARJET	24E	12.90	11.90	CJ610-6	8	84.3	
LEARJET	24F	13.50	11.90	CJ610-6	8	85.8	
LEARJET	24F-A	12.50	11.90	CJ610-6	8	83.6	
LEARJET	25	16.00	13.30	CJ610-6	10	93.5	
LEARJET	25/25B/C Rainb MK II	15.00	13.30	CJ610	10	91.0	
LEARJET	25B/C/D/F XR Dec Hwd	16.30	13.30	CJ610-6/8A	10	93.5	
LEARJET	25C	15.00	13.30	CJ610-6	20	94.0	13
LEARJET	25D	15.00	13.30	CJ610-6	20	94.0	14
LEARJET	25D/25F	15.00	13.30	CJ610-6/8A	8	90.9	
LEARJET	28/29	15.00	14.30	CJ610-8A	8	87.0	
LEARJET	31	16.50	15.30	TFE731-2-3B	8	81.0	*
LEARJET	35/36	18.00	14.30	TFE731-2-2B	20	84.5	*
LEARJET	35A	18.00	14.30	TFE731-2-2B	8	83.6	*
LEARJET	35A/36A	18.30	15.30	TFE731-2-2B	8	79.2	
LEARJET	36A	18.30	15.30	TFE731-2-2B	20	83.9	*
LEARJET	55	21.00	17.00	TFE731-3A-2B	8	85.5	*
LEARJET	55B	21.50	18.00	TFE731-3A-2B	20	86.3	*

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

---TAKEOFF---

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	TO FLAPS	TO NOISE LEVEL (EPNdB)	NOTES
LEARJET	55C	21.50	18.00	TFE731-3AR-2B	20	86.7	*
LEARJET	60	23.10	19.50	PW305A	8	70.8	
LEARJET	M55C	21.50	17.00	TFE731-3AR-3B	20	87.0	*
LOCKHEED	1329-23 (AIRESEARCH)	43.80		TFE731-3-1E	20	92.7	* **
LOCKHEED	1329-23A/D/E w/STAR 3 STC (ST00258SE)	44.25	36.00	TFE731-3-1R	20	85.2	
LOCKHEED	1329-25 (AIRESEARCH)	44.50	36.00	TFE731-3		93.1	* **
LOCKHEED	1329-25 w/STAR 3 STC# ST00259SE	44.50	36.00	TFE731-3-1R	20	85.4	
LOCKHEED	L-1011	430.00	358.00	RB211-22B	14	95.9	5 *
LOCKHEED	L-1011-1	430.00	358.00	RB211-22B	10	96.0	5 *
LOCKHEED	L-1011-100	466.00	368.00	RB211-22B	10	98.5	5 *
LOCKHEED	L-1011-200	466.00	368.00	RB211-524B	10	98.1	5 *
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B	14	98.4	5 *
LOCKHEED	L-1011-500	504.00	368.00	RB211-524B3	22	98.0	5 *
LOCKHEED	L-1011-500	510.00	368.00	RB211-524B4	10	99.3	*
LOCKHEED	L1011-385-1-14/15	474.00	368.00	RB211-22B	4	98.6	
LOCKHEED	L1011-385-1-14/15	466.00	368.00	RB211-524B4	10	97.9	*
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	15	99.3	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	15	99.9	6,**
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	286.00	207.00	JT3D-3B	15	101.3	6,26,**
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	276.00	199.50	JT3D-1		101.9	6,**

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	TO FLAPS	TO NOISE LEVEL (EPNdB)	NOTES
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	276.00	199.50	JT3D-3B		99.1	6,26,**
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	276.00	199.50	JT3D-3B		99.5	6,**
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	286.00	207.00	JT3D-3B		100.7	6,26,**
MCDONNELL DOUGLAS	DC-08-51 W/BAC QN	276.00	199.50	JT3D-1		99.5	6,**
MCDONNELL DOUGLAS	DC-08-51 W/BAC QN	276.00	199.50	JT3D-3B	15	97.0	6,**
MCDONNELL DOUGLAS	DC-08-51 W/BAC QN	286.00	199.50	JT3D-3B		98.4	6,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	15	101.7	6,26,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	15	104.2	6,**
MCDONNELL DOUGLAS	DC-08-52 QNC PLS QN	300.00	202.00	JT3D-3B		102.9	6,26,**
MCDONNELL DOUGLAS	DC-08-52 QNC PLS QN	300.00	202.00	JT3D-3B		103.2	6,**
MCDONNELL DOUGLAS	DC-08-52 W/BAC QN	305.00	201.90	JT3D-3B	15	100.9	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	306.80	207.00	JT3D	15	105.2	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	315.00	207.00	JT3D-3B		104.9	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	309.80	207.00	JT3D-3B	15	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08-53 QNC PLS QN	318.00	207.00	JTD3D-3B		105.3	6,26,**
MCDONNELL DOUGLAS	DC-08-53 W/BAC QN	315.00	203.30	JT3D-3B	15	102.3	6,**
MCDONNELL DOUGLAS	DC-08-54 W/BAC QN	315.00	240.00	JT3D-3B		102.3	6,**
MCDONNELL DOUGLAS	DC-08-55 (QNC QN)	309.80	217.00	JT3D-3B	15	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08-55 QNC PLS QN	320.30	217.00	JT3D-3B		105.5	6,26,**
MCDONNELL DOUGLAS	DC-08-55 W/BAC QN	325.00	240.00	JT3D-3B	15	103.7	6,**

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TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
MCDONNELL DOUGLAS	DC-08-61 (QNC QN)	309.80	240.00	JT3D-3B	15	105.2	6,26.**
MCDONNELL DOUGLAS	DC-08-61 QNC PLS QN	270.00	240.00	JT3D-3B		98.6	6,26.**
MCDONNELL DOUGLAS	DC-08-61 QNC PLS QN	320.30	240.00	JT3D-3B		105.5	6.**
MCDONNELL DOUGLAS	DC-08-61 W/BAC QN	325.00	240.00	JT3D-3B	15	103.7	6.**
MCDONNELL DOUGLAS	DC-08-61F (QNC QN)	309.80	248.00	JT3D-3B	15	105.2	6,26.**
MCDONNELL DOUGLAS	DC-08-62 (BAC R-1)	350.00	240.00	JT3D-3B	12	100.5	6
MCDONNELL DOUGLAS	DC-08-62 (BAC/MGM)	348.00	240.00	JT3D-3B	12	100.5	6
MCDONNELL DOUGLAS	DC-08-62 W/ADC QN	350.00	250.00	JT3D-3B	12	104.3	6.**
MCDONNELL DOUGLAS	DC-08-62 W/ADC QN	350.00	250.00	JT3D-7	12	103.4	6.**
MCDONNELL DOUGLAS	DC-08-62 W/TNC QN	350.00	250.00	JT3D-3B	12	103.9	6.**
MCDONNELL DOUGLAS	DC-08-62 W/TNC QN	355.00	275.00	JT3D-7	12	102.7	6.**
MCDONNELL DOUGLAS	DC-08-63 (BAC R-1)	355.00	275.00	JT3D-7	12	98.9	6
MCDONNELL DOUGLAS	DC-08-63 (BAC/MGM)	353.00	275.00	JT3D-7	12	98.9	6
MCDONNELL DOUGLAS	DC-08-63 W/ADC QN	355.00	275.00	JT3D-3B	12	104.8	6.**
MCDONNELL DOUGLAS	DC-08-63 W/ADC QN	355.00	275.00	JT3D-7	12	104.1	6.**
MCDONNELL DOUGLAS	DC-08-63 W/TNC QN	350.00	250.00	JT3D-3B	12	103.9	6.**
MCDONNELL DOUGLAS	DC-08-63 W/TNC QN	355.00	275.00	JT3D-7	12	103.8	6.**
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM-56-2C5		94.3	•
MCDONNELL DOUGLAS	DC-08-71	328.00	258.00	CFM56-2-C1	15	94.5	•
MCDONNELL DOUGLAS	DC-08-72	350.00	250.00	CFM56-2-C1	12	95.2	•

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

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<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
MCDONNELL DOUGLAS	DC-08-73	355.00	275.00	CFM56-2-C1	12	95.7	*
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	309.80	240.00	JT3D-3B	15	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 QNC PLS QN	315.00	217.00	JT3D-3B		105.2	6,**
MCDONNELL DOUGLAS	DC-08F-54 QNC PLS QN	315.00	240.00	JT3D-3B		104.9	6,26,**
MCDONNELL DOUGLAS	DC-08F-55 (QNC QN)	309.80	240.00	JT3D-3B	15	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08F-55 QNC PLS QN	317.80	240.00	JT3D-3B		105.2	6,26,**
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7	10	91.4	24
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7-7A	10	91.4	1
MCDONNELL DOUGLAS	DC-09-10 (ABS)	90.70	81.70	JT8D-7-7A-7B	10	87.2	6
MCDONNELL DOUGLAS	DC-09-20 (ABS;STC SA1613GL)	100.00	93.40	JT8D-9-9A	0	88.8	
MCDONNELL DOUGLAS	DC-09-30	108.00	98.10	JT8D-17	0	94.3	1
MCDONNELL DOUGLAS	DC-09-30	108.00	99.00	JT8D-7A	0	95.1	1
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-7	0	97.5	16,24
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-7	0	95.9	1
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-9	0	97.0	24
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-15	0	95.8	1
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-9	0	97.1	1
MCDONNELL DOUGLAS	DC-09-30 (ABS)	111.00	101.00	JT8D-11	0	90.3	
MCDONNELL DOUGLAS	DC-09-30 (ABS;STC SA1613GL)	107.00	101.00	JT8D-9-9A	0	90.1	
MCDONNELL DOUGLAS	DC-09-30 (ABS)	111.00	101.00	JT8D-11	0	90.3	12

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TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	105.00	101.00	JT8D-77A/7B	0	91.0	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	105.00	101.00	JT8D-99A	0	90.3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-77A/7B	0	91.0	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-99A	0	90.1	
MCDONNELL DOUGLAS	DC-09-31/32/32F/33F(ABS,STC SA1613GL)	107.00	101.00	JT8D-77A/7B	0	91.0	
MCDONNELL DOUGLAS	DC-09-34	110.00	101.00	JT8D-9	0	96.1	1
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-15	0	97.8	1
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-17	0	98.0	1
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-11	0	96.8	1
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-15	0	95.8	1
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-15	0	97.8	1
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-17	0	98.1	1
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D	0	101.8	•
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1	4	100.2	•
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1A	4	100.2	•
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K	0	100.9	•
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K2	4	99.3	•
MCDONNELL DOUGLAS	DC-10-15	455.00	363.50	CF6-50C2-F	5	93.8	
MCDONNELL DOUGLAS	DC-10-30	565.00	411.00	CF6-50A	5	102.7	•
MCDONNELL DOUGLAS	DC-10-30	572.00	411.00	CF6-50C/H	10	102.3	

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C1	10	103.0	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2	15	99.0	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2-B	15	98.7	
MCDONNELL DOUGLAS	DC-10-30	572.00	421.00	CF6-50C2-R	10	98.4	
MCDONNELL DOUGLAS	DC-10-30	572.00	424.00	CF6-50C2-B	10	97.4	15
MCDONNELL DOUGLAS	DC-10-30	590.00	436.00	CF6-50C2	15	99.0	15
MCDONNELL DOUGLAS	DC-10-40	530.00	403.00	JT9D-20D	10	100.8	•
MCDONNELL DOUGLAS	DC-10-40	555.00	403.00	JT9D-59A	10	101.4	•
MCDONNELL DOUGLAS	MD-11	602.50	430.00	CF6-80C2D1F	10	92.8	
MCDONNELL DOUGLAS	MD-11	618.00	471.50	CF6-80C2	10	93.9	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4460	10	95.8	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4462	10	95.0	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	CF6-80C2D1F	10	94.5	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4460 (-3)	10	95.6	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4462 (-3)	10	95.0	
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-209	0	91.1	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-217	0	89.7	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217A	2	92.0	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217C	2	91.5	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-219	2	90.8	10

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APPENDIX 4

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217A	1	89.7	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217C	1	89.2	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-219	1	88.5	10
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2525-D5	5	84.2	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2528-D5	5	82.6	
MTSUBISHI	MU-300 (DIAMOND I)	14.10	13.20	JT15D-4	10	86.3	°
MTSUBISHI	MU-300 (DIAMOND I)	15.50	13.20	JT15D-4D	0	81.2	
MTSUBISHI	MU-300-10 (DIAM. II)	15.78	14.22	JT15D-5	10	88.6	°
RAYTHEON	HAWKER 125- 1A	21.70	19.60	TFE731-3-1H	0	84.2	
RAYTHEON	HAWKER 125- 3A	21.70	20.00	TFE731-3-1H	0	84.2	
RAYTHEON	HAWKER 125- 3A/RA	23.60	20.00	TFE731-3-1H	0	85.5	
RAYTHEON	HAWKER 125- 400A	23.60	20.00	TFE731-3-1H	0	85.5	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	TFE731-3-1H	0	88.0	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	VIPER 601-22	0	92.3	12
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	0	91.6	25,33
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	0	88.0	33
RAYTHEON	HAWKER 125- 800	27.40	23.35	TFE731-5R-1H	0	80.9	
RAYTHEON	HAWKER 125- 800A	27.40	23.35	TFE731-5R-1H	0	80.9	25
RAYTHEON	HAWKER 125-1000	35.50	28.50	PW305	0	85.7	
SABRELINER	SABRELINER 40	20.20	17.50	JT12A-8	0	94.5	

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

TAKEOFF

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>TO FLAPS</u>	<u>TO NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
SABRELINER	SABRELINER 60	20.20		JT12A-8		95.0	•
SABRELINER	SABRELINER 60A/60SC	22.70	20.60	JT12A-8	0	94.4	
SABRELINER	SABRELINER 65	24.00	21.80	TFE731-3R		84.0	•
SABRELINER	SABRELINER 75A	23.00		CF700-2D-2	15	90.7	•
SABRELINER	SABRELINER 80	23.30	22.00	CF700-2D-2		90.7	•
SABRELINER	SABRELINER 80A/80SC	25.50	22.00	CF700-2D-2	0	91.2	•

Refer to Appendix 1 for Note Explanations

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APPENDIX 5

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
AEROSPATIALE	SN601 CORVETTE	14.60	13.20	JT15D-4	35	90.0	
AIRBUS	A300 B4-605R	385.46	319.38	CF6-80C2A5F	40	100.0	
AIRBUS	A300B2-1C	313.00	286.60	CF6-50C2-R	25	103.1	
AIRBUS	A300B2-203	313.10	286.60	CF6-50-C2	25	103.1	
AIRBUS	A300B4-103	347.20	295.40	CF6-50-C2	25	103.0	
AIRBUS	A300B4-203	363.70	299.83	CF6-50-C2	25	102.4	31
AIRBUS	A300B4-622R	330.00	275.00	PW-4158	40	101.3	
AIRBUS	A310-221	305.60	267.90	JT9D-7R4D1	40	100.6	
AIRBUS	A310-304	352.74	286.60	CF6-80C2A2	40	98.8	
AIRBUS	A310-324	330.69	271.16	PW-4152	40	100.2	
AIRBUS	A319-112	158.73	149.91	CFM56-5B6 w/SAC	40	93.1	
AIRBUS	A319-113	158.73	149.91	CFM56-5A4	40	94.8	
AIRBUS	A319-131	158.73	149.91	V2522-A5	40	94.5	
AIRBUS	A320-211	162.00	142.20	CFM56-5A1	35	96.4	
AIRBUS	A320-231	162.00	142.20	V2500.A1	40	96.6	
AIRBUS	A330-301	507.06	418.88	CF6-80E1A2	32	98.7	
AIRBUS	A330-321	507.06	418.88	PW4164	32	98.0	
AIRBUS	A330-322	507.06	418.88	PW4168	32	98.0	
AIRBUS	A340-212	595.25	440.92	CFM56-5C3	32	97.2	

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AC 36-1G
APPENDIX 5

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
AIRBUS	A340-312	595.24	440.92	CFM56-5C3	32	97.2	
AVRO	146-RJ 85	97.00	85.00	LF 507-1F	33	97.3	
BAe	1-11 200	80.00	71.00	SPEY 506-14	45	97.8	12
BAe	1-11 400	87.00	77.20	SPEY511-14/14W	45	99.7	12
BAe	1-11 400	89.50	79.00	SPEY511-14/14W	45	99.9	12
BAe	146-100A	76.00	72.35	ALF502R-3	33	95.1	
BAe	146-100A	82.25	73.35	ALF502R-3A	33	95.2	
BAe	146-100A	84.00	77.50	ALF502R-5	33	95.6	
BAe	146-200A	89.50	77.50	ALF502R-3	33	95.6	
BAe	146-200A	89.50	77.50	ALF502R-3A	33	95.6	
BAe	146-200A	93.00	81.00	ALF502R-5	33	95.8	
BAe	146-300	101.50	88.50	LF 507-1H/-1F	33	97.6	
BAe	146-300A	97.50	84.50	ALF502R-5	33	95.6	
BAe	C-29A	28.00	23.35	TFE731-5R-1H	45	95.8	
BEECH	BEECHJET 400	15.78	14.22	JT15D-5	30	91.4	
BOEING	B-707-100B (QNC)	241.30	190.00	JT3D-1	30	102.8	6,**
BOEING	B-707-100B (QNC)	258.00	190.00	JT3D-3B	30	102.8	6,**
BOEING	B-707-120B (SHANNON)	258.00	190.00	JT3D-1	30	105.3	21,**
BOEING	B-707-138B (SHANNON)	258.00	190.00	JT3D-1	30	105.3	21,**
BOEING	B-707-300B ADV/C QNC	335.00	247.50	JT3D-3B	25	107.9	6,**

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-707-300B ADV/C SHN	330.00	201.00	JT3D-7	25	108.3	6.**
BOEING	B-707-300B ADV/C SHN	321.00	240.00	JT3D-3B	25	108.2	6.**
BOEING	B-707-300B ADV/C SHN	322.30	247.00	JT3D-1-3B(7C)	25	105.7	6,21.**
BOEING	B-720B (QNC)	234.00	175.00	JT3D-1	30	101.6	6.**
BOEING	B-720B (QNC)	234.00	175.00	JT3D-3B	30	101.6	6.**
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-1	30	104.7	6.**
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-3B	30	104.7	6.**
BOEING	B-727-100	169.50	137.50	JT8D-1FCD	40	104.3	3
BOEING	B-727-100	169.50	137.50	JT8D-7FCD	40	104.3	3,16
BOEING	B-727-100	169.50	137.50	JT8D-9FCD	40	105.8	3,17
BOEING	B-727-100 (Doc Howard)	169.50	137.50	TAY 651-54	40	98.4	
BOEING	B-727-100 (FED EX;STC SA3993NM)	163.50	137.50	JT8D-7 w/BOEING INLET+FAN CSD	30	97.8	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	137.50	JT8D-9 w/BOEING INLET+CHIN CSD	30	98.1	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	174.50	142.50	JT8D-7 w/BOEING INLET+CHIN CSD	30	97.9	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK	30	98.2	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK	30	98.2	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	169.50	142.50	JT8D-9 w/BOEING INLET+FAN CSD	30	98.4	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	174.50	142.50	JT8D-9 w/BURBANK	30	98.8	35
BOEING	B-727-200	190.50	142.50	JT8D-15QN	40	103.2	2,18
BOEING	B-727-200	208.00	142.50	JT8D-17RQN	40	103.2	2,20

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

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<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-727-200	177.60	142.50	JT8D-7FCD	40	106.3	3.16
BOEING	B-727-200	172.50	142.50	JT8D-7QN	40	104.9	2.16
BOEING	B-727-200	184.80	142.50	JT8D-9QN	40	103.2	2.17
BOEING	B-727-200	178.00	150.00	JT8D-9FCD	30	105.8	3.17
BOEING	B-727-200	203.10	158.00	JT8D-17QN	40	104.5	2.19
BOEING	B-727-200 (FED EX;STC SA4833NM)	172.60	150.00	JT8D-7 w/BOEING INLET+CHIN CSD	30	99.0	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	172.50	150.00	JT8D-7 w/BOEING INLET+FAN CSD	30	99.0	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	173.88	150.00	JT8D-9 w/BOEING INLET+CHIN CSD	30	99.6	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	167.85	150.00	JT8D-9 w/BOEING INLET+FAN CSD	30	99.6	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	175.00	150.00	JT8D-9 w/BURBANK	30	100.2	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	170.48	150.00	JT8D-9 w/BURBANK	30	100.2	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	178.42	154.50	JT8D-7 w/BURBANK	30	99.1	35
BOEING	B-727-200 (FED EX;STC SA4833NM)	178.00	161.00	JT8D-7 w/BURBANK	30	99.4	35
BOEING	B-727-200 (FED EX;STC SA5839NM)	189.20	160.00	JT8D-9 w/BOEING INLET+CHIN CSD	30	97.9	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	189.20	160.00	JT8D-9 w/BOEING INLET+FAN CSD	30	97.9	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	191.20	160.00	JT8D-9 w/BURBANK	30	98.5	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	191.20	160.00	JT8D-9 w/BURBANK	30	98.5	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	202.00	164.00	JT8D-17 w/BURBANK	30	98.6	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	199.51	166.00	JT8D-15 w/BOEING	30	97.9	28
BOEING	B-727-200 (FED EX;STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING	30	98.1	27

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APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
BOEING	B-727-200 (FED EX;STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING	30	98.1	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	201.00	166.00	JT8D-15 w/BURBANK	30	98.6	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	200.00	166.00	JT8D-17 w/BOEING INLET	30	98.1	27
BOEING	B-727-200RE(VALSAN)	190.50	148.00	JT8D-15/217C	30	98.8	6,23
BOEING	B-727-200RE(VALSAN)	198.50	159.00	JT8D-17/217C	30	99.0	6,23
BOEING	B-727-200RE(VALSAN)	209.50	159.00	JT8D-17A/217C	30	99.0	6,23
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	88.00	JT8D-17	40	96.7	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	117.00	90.00	JT8D-15	40	98.1	35,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	93.00	JT8D-15	40	97.1	27,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	30	94.8	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	118.50	107.00	JT8D-9	30	96.3	35,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	40	98.0	27,41
BOEING	B-737-200 (NORDAM;STC ST00131S)	119.50	103.00	JT8D-15 w/LGW HUSHKIT	30	95.8	37
BOEING	B-737-200 (NORDAM;STC ST00131S)	119.50	103.00	JT8D-15 w/LGW-L HUSHKIT	30	95.8	37
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	88.00	JT8D-15	40	97.7	35,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	95.00	JT8D-9	40	98.1	35,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	98.00	JT8D-15	40	97.1	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	107.00	JT8D-15	30	94.8	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	124.50	107.00	JT8D-15	30	96.3	35,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	125.00	107.00	JT8D-17	40	97.7	27

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	30	94.8	27
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	107.00	JT8D-9	30	96.3	35,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	40	97.7	27,41
BOEING	B-737-200 ADV(NORDAM;STC SA5730NM)	126.70	107.00	JT8D-15	40	98.6	27,42
BOEING	B-737-200 ADV(NORDAM;STC SA5730NM)	126.50	107.00	JT8D-17	40	98.6	27
BOEING	B-737-200 ADV(NORDAM;STC SA5730NM)	124.50	107.00	JT8D-9	40	98.6	27,41
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	121.60	107.00	JT8D-15 w/LGW HUSHKIT	30	95.9	37
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	125.90	107.00	JT8D-15 w/LGW-L HUSHKIT	30	95.9	37
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	120.50	107.00	JT8D-17/-17A w/LGW HUSHKIT	30	95.9	
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	117.00	107.00	JT8D-7 w/LGW-N HUSHKIT	30	96.2	40
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	118.70	107.00	JT8D-9 w/LGW HUSHKIT	30	95.9	36
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	122.90	107.00	JT8D-9 w/LGW-L HUSHKIT	30	95.9	36
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	118.50	107.00	JT8D-9 w/LGW-N HUSHKIT	30	96.2	36
BOEING	B-737-200 ADV.	128.10	79.10	JT8D-17QN	40	102.8	2,19
BOEING	B-737-200 ADV.	128.10	88.00	JT8D-15QN	40	103.8	2,18
BOEING	B-737-200 ADV.	122.50	105.00	JT8D-9QN	40	105.3	2,17
BOEING	B-737-200 NON-ADV.	109.00	98.00	JT8D-7QN	40	102.1	2,16
BOEING	B-737-200 NON-ADV.	117.00	101.70	JT8D-9QN	40	105.3	2,17
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFA	40	97.6	38
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFA	40	98.6	

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFA	40	98.6	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFA	40	97.6	38
BOEING	B-737-300	139.50	121.00	CFM56-3-B1	40	100.1	
BOEING	B-737-300	139.50	121.00	CFM56-3B-2	40	100.1	
BOEING	B-737-400	142.50	121.00	CFM56-3-B1	40	100.2	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFA	40	98.6	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFA	40	97.7	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFA	40	98.6	
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFA	40	97.7	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFA	40	97.7	38
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFA	40	98.6	
BOEING	B-737-400	150.00	124.00	CFM56-3B-2	40	100.2	
BOEING	B-737-400	150.00	124.00	CFM56-3C-1	40	100.2	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFA	40	98.7	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFA	40	97.6	38
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFA	40	98.7	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFA	40	97.6	38
BOEING	B-737-500	139.00	114.00	CFM56-3-B1	40	100.0	
BOEING	B-737-500	132.80	114.00	CFM56-3-B1(R)	40	100.0	
BOEING	B-747-100	750.00	520.00	JT9D-7F	25	104.5	29

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-747-100	710.00	540.00	JT9D-3A	25	104.6	29
BOEING	B-747-100	734.00	540.00	JT9D-7	25	104.1	29
BOEING	B-747-100	734.00	564.00	JT9D-3A	30	107.2	* **
BOEING	B-747-100	710.00	564.00	JT9D-7	30	107.4	* **
BOEING	B-747-100	750.00	585.00	JT9D-7A	30	106.9	* **
BOEING	B-747-100	750.00	585.00	JT9D-7F	30	107.4	* **
BOEING	B-747-100	750.00	585.00	JT9D-7FW	30	107.4	* **
BOEING	B-747-100	750.00	585.00	JT9D-7WET	30	106.9	* **
BOEING	B-747-100	750.00	585.00	RB211-524C2	30	106.5	* **
BOEING	B-747-100	734.00	630.00	JT9D-7A	25	105.5	29
BOEING	B-747-200	767.00	564.00	JT9D-3A	30	106.5	* **
BOEING	B-747-200	770.00	564.00	JT9D-7	30	106.7	* **
BOEING	B-747-200	773.00	585.00	JT9D-3AWET	30	106.7	* **
BOEING	B-747-200	833.00	585.00	RB211-524C2	30	107.0	*
BOEING	B-747-200	820.00	630.00	CF6-50E	30	107.0	
BOEING	B-747-200	833.00	630.00	CF6-50E2	30	106.5	
BOEING	B-747-200	710.00	630.00	JT9D-3A	25	105.7	30
BOEING	B-747-200	734.00	630.00	JT9D-7	25	105.2	30
BOEING	B-747-200	820.00	630.00	JT9D-70A	30	106.0	
BOEING	B-747-200	734.00	630.00	JT9D-7A	25	105.0	30

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-747-200	785.00	630.00	JT9D-7A	30	107.3	• ••
BOEING	B-747-200	800.00	630.00	JT9D-7F	30	107.8	• ••
BOEING	B-747-200	750.00	630.00	JT9D-7F	25	106.0	30
BOEING	B-747-200	805.00	630.00	JT9D-7FW	30	107.8	• ••
BOEING	B-747-200	812.00	630.00	JT9D-7FW/-71	30	107.4	• ••
BOEING	B-747-200	770.00	630.00	JT9D-7J	25	106.0	30
BOEING	B-747-200	800.00	630.00	JT9D-7J	30	107.8	• ••
BOEING	B-747-200	833.00	630.00	JT9D-7Q	25	104.4	
BOEING	B-747-200	833.00	630.00	JT9D-7R4G2	30	106.6	••
BOEING	B-747-200	785.00	630.00	JT9D-7WET	30	107.3	• ••
BOEING	B-747-200	820.00	630.00	RB211-524B/B2	30	107.3	••
BOEING	B-747-200	833.00	630.00	RB211-524D4	30	104.9	
BOEING	B-747-300	800.00	630.00	CF6-50E2	30	106.5	
BOEING	B-747-300	820.00	630.00	JT9D-70A	30	105.3	••
BOEING	B-747-300	833.00	630.00	JT9D-7R4G2	30	106.6	
BOEING	B-747-300	820.00	630.00	RB211-524B2	30	107.3	••
BOEING	B-747-300	833.00	630.00	RB211-524D4	30	104.9	••
BOEING	B-747-300	833.00	666.00	CF6-80C2B1	30	105.2	
BOEING	B-747-400	600.00	564.00	PW4056	30	103.1	
BOEING	B-747-400	870.00	652.00	CF6-80C2	25	101.4	

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F	30	103.8	
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F W/N1 MOD	30	103.8	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2B)	30	103.6	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C)	30	103.0	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C) NR	30	102.1	
BOEING	B-747-400	875.00	652.00	PW4056 PKG A (FB2T)	30	104.7	
BOEING	B-747-400	875.00	652.00	PW4056 PKG B/PHASE I	30	103.4	
BOEING	B-747-400	875.00	652.00	RB211-524G	30	103.8	
BOEING	B-747-400	870.00	652.00	RB211-524H	30	103.8	
BOEING	B-747-400	875.00	652.00	RB211-524H2	30	103.8	
BOEING	B-747-SP	702.00	410.00	RB211-524D4	30	107.0	
BOEING	B-747-SP	696.00	450.00	RB211-524B2	30	103.2	
BOEING	B-747-SP	701.00	465.00	JT9D-7A	30	102.9	
BOEING	B-747-SP	660.00	475.00	JT9D-7F	30	103.8	
BOEING	B-747-SP	702.00	475.00	JT9D-7J	30	103.8	
BOEING	B-747-SR	571.00	564.00	CF6-45A2	30	105.4	
BOEING	B-747-SR	610.00	564.00	JT9D-7A	30	106.9	*
BOEING	B-757-200	255.50	210.00	PW 2037	30	98.1	
BOEING	B-757-200	255.50	210.00	PW 2040	30	98.1	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	30	95.2	

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-757-200	240.00	210.00	RB211-535C	25	99.6	
BOEING	B-757-200	255.50	210.00	RB211-535E4-B	30	95.2	
BOEING	B-767-200	351.00	285.00	PW4052	30	98.2	
BOEING	B-767-200	360.00	300.00	CF6-80A	30	101.7	
BOEING	B-767-200	360.00	300.00	CF6-80A2	30	101.7	
BOEING	B-767-200	351.00	300.00	CF6-80C2-B2	30	96.4	
BOEING	B-767-200	387.00	300.00	CF6-80C2-B4	30	96.4	
BOEING	B-767-200	351.00	300.00	JT9D-7R4D(A)	30	102.7	
BOEING	B-767-200	360.00	300.00	JT9D-7R4D(B)	30	102.6	
BOEING	B-767-200	360.00	300.00	JT9D-7R4E	30	102.6	
BOEING	B-767-200	400.00	300.00	PW 4056	30	98.6	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B2F	30	96.5	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B4F	30	96.5	
BOEING	B-767-200/200ER	387.00	300.00	CF6-80C2B4F W/N1 MOD	30	96.5	
BOEING	B-767-200/200ER	400.00	300.00	CF6-80C2B6F W/N1 MOD	30	96.5	
BOEING	B-767-200/200ER	395.00	300.00	PW4056 PH3 (FB2C) NRI	30	96.6	
BOEING	B-767-200/200ER	387.00	300.00	PW4060	30	98.6	
BOEING	B-767-200/200ER	395.00	300.00	PW4060 PH3 (FB2C) NRI	30	96.6	
BOEING	B-767-300	288.70	280.00	CF6-80C2B2	30	96.5	
BOEING	B-767-300	351.00	320.00	CF6-80A	30	101.7	

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
BOEING	B-767-300	351.00	320.00	CF6-80A2	30	101.7	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B4	30	98.4	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B6	30	98.4	
BOEING	B-767-300	407.00	320.00	CF6-80C2B6F	30	98.5	
BOEING	B-767-300	351.00	320.00	JT9D-7R4E	30	103.0	
BOEING	B-767-300	407.00	320.00	PW 4056	30	100.2	
BOEING	B-767-300	407.00	320.00	PW 4060	30	100.2	
BOEING	B-767-300	407.00	320.00	RB211-524G	30	99.8	
BOEING	B-767-300	407.00	320.00	RB211-524H	30	99.8	
BOEING	B-767-300/300ER	412.00	320.00	PW4056 PH3 (FB2C) NRI	30	97.6	
BOEING	B-767-300/300ER	412.00	320.00	PW4060 PH3 (FB2C) NRI	30	97.9	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 (FB2B)	30	100.2	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 PH3 (FB2C) NRI	30	97.9	
BOEING	B-777-200	545.00	445.00	GE90-76B	30	97.6	
BOEING	B-777-200	545.00	445.00	PW4077	30	99.4	
BOEING	B-777-200	545.00	445.00	TRENT875	30	99.8	
BOEING	B-777-200	545.00	445.00	TRENT877	30	99.8	
BOEING	B-777-200	632.50	460.00	GE-90-90B	30	97.8	
BOEING	B-777-200	632.50	460.00	TRENT884	30	99.4	
BOEING	B-777-200	632.50	460.00	TRENT892	30	99.4	

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
CANADAIR	CL-600	36.00	33.00	ALF-502	45	91.2	*
CANADAIR	CL-600	40.40	36.00	ALF 502L/L-2/L-2C	45	91.6	*
CANADAIR	CL-600	41.25	36.00	ALF-502L/L-2/L-2C	45	91.6	*
CANADAIR	CL-600 (WINGLETS)	41.25	36.00	ALF-502L/L-2/L-2C	45	91.6	*
CANADAIR	CL-601	43.00	36.00	CF34-1A	45	89.4	*
CANADAIR	CL-601-1A	45.10	36.00	CF-34-1A	45	90.1	*
CANADAIR	CL-601-3A	43.10	36.00	CF-34-3A	45	89.4	*
CANADAIR	CL-601-3A	45.10	36.00	CF-34-3A/3A2	45	90.1	*
CANADAIR	CL-601-3R	45.10	36.00	CF-34-3A1	45	90.1	*
CANADAIR	CL-604	48.20	38.00	GE CF34-3B	45	90.3	*
CANADAIR	CRJ (CL-600-2B19)	53.00	47.00	CF-34-3A1	45	92.1	*
CANADAIR	CRJ (CL-600-2B19)	53.00	47.00	CF-34-3B1	45	92.1	*
CESSNA	500 CITATION	10.30	9.90	JT15D-1	40	87.7	*
CESSNA	500/501 CITATION I	11.80	11.30	JT15D-1/-1A	40	87.9	*
CESSNA	525 CESSNA JET	10.40	9.70	FJ44-1A	35	92.1	*
CESSNA	550 CITATION II	14.10	13.50	JT15D-4	40	90.5	*
CESSNA	551 CITATION II	12.50	12.00	JT15D-4	40	90.5	*
CESSNA	552	15.50	14.30	JT15D-5	35	88.5	*
CESSNA	560 CITATION V	16.30	15.20	JT15D-5A	35	88.9	*
CESSNA	650 CITATION III	22.00	20.00	TFE731-3B-100S	37	93.8	22

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
CESSNA	750 CITATION X	35.70	31.80	AE3007C	35	90.2	
CESSNA	S550 CITATION S/II	15.10	14.40	JT15D-4B	35	86.2	
DASSAULT	FALCON 10	18.30	17.20	TFE731-2	52	95.3	
DASSAULT	FALCON 10	19.30	17.64	TFE731-2-1C	52	95.2	
DASSAULT	FALCON 20-C/D/E	28.60	27.30	CF700-2D-2	40	101.7	
DASSAULT	FALCON 20-C/D/E/F	28.60	27.30	CF700-2D-2Q	40	99.7	
DASSAULT	FALCON 20-C5/D5/E5	29.10	27.76	TFE-731-5BR-2C	40	90.7	34
DASSAULT	FALCON 20-C5/D5/E5	29.10	27.76	TFE731-5AR-2C	40	90.7	
DASSAULT	FALCON 20-C5/D5/E5	30.50	28.80	TFE731-5BR-2C	40	90.6	
DASSAULT	FALCON 20-F	28.60	27.30	CF700-2D-2	40	103.0	
DASSAULT	FALCON 20-F5	29.10	27.76	TFE-731-5BR-2C	40	90.0	34
DASSAULT	FALCON 20-F5	29.10	27.76	TFE731-5AR-2C	40	90.0	
DASSAULT	FALCON 20-F5	30.50	28.80	TFE731-5BR-2C	40	90.3	
DASSAULT	FALCON 20-G	32.00	27.56	ATF3-6-2C	40	95.9	
DASSAULT	FALCON 200	32.00	28.88	ATF3-6A-4C	40	94.2	
DASSAULT	FALCON 2000	36.50	33.00	CFE738-1-1B	40	93.1	
DASSAULT	FALCON 50	40.78	35.71	TFE731-3-1C	48	97.1	
DASSAULT	FALCON 50	40.78	35.71	TFE731-40-1C	40	95.2	
DASSAULT	FALCON 900	45.50	42.00	TFE731-5AR-1C	40	91.7	
DASSAULT	FALCON 900B	46.50	42.00	TFE731-5BR-1C	40	91.7	

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
FOKKER	F100	98.00	88.00	TAY MK650-15	42	93.0	
FOKKER	F28 MK1000	65.00	59.00	SPEY MK555-15	42	101.2	
FOKKER	F28 MK2000	65.00		SPEY MK555-15	42	101.8	*
FOKKER	F28 MK3000	71.00	64.00	SPEY MK555-15H	42	99.4	
FOKKER	F28 MK4000	73.00	65.80	SPEY MK555-15H	42	99.4	
FOKKER	F28 MK4000	73.00	69.50	SPEY MK555-15P	42	101.4	
FOKKER	F70	92.00	81.00	TAY MK620-15	42	88.3	
GULFSTREAM	G-II GULFSTREAM	65.50	58.50	SPEY 511-8	39	98.4	12
GULFSTREAM	G-IIB/G-III	69.70	58.50	SPEY 511-8	39	97.3	12
GULFSTREAM	G-IV	73.20	58.50	TAY 611-8	39	91.0	
GULFSTREAM	G-IV GULFSTREAM	71.70	58.50	TAY 610-8	39	91.0	
GULFSTREAM	G-IV GULFSTREAM w/ASC 190	74.60	66.00	TAY 611-8	39	92.0	
GULFSTREAM	G-V	90.50	75.30	BR700-710A1-10	39	90.9	
ISRAEL AIRCRAFT	1124 WESTWIND	22.90	19.00	TFE731-3-1G	40	93.0	
ISRAEL AIRCRAFT	1124A WESTWIND 2	23.50	19.00	TFE731-3-1G	40	92.8	*
ISRAEL AIRCRAFT	1125 ASTRA	24.70	20.70	TFE731-3A-200G	40	89.8	
ISRAEL AIRCRAFT	1125 ASTRA SPX	24.65	20.70	TFE731-40R	40	92.3	
LEARJET	23 Raisbeck MK II	12.50	11.90	CJ610-1/-4		98.0	
LEARJET	24 Raisbeck MK II	13.00	11.90	CJ610-1/-4		98.0	
LEARJET	24/24D	13.50	11.90	CJ610-6	40	100.7	13

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
LEARJET	24B/D Raisbeck MK II	13.50	11.88	CJ610	40	98.0	
LEARJET	24D	13.50	11.90	CJ610-6	40	96.7	
LEARJET	24D	13.50	11.90	CJ610-6	40	101.7	14
LEARJET	24E	12.90	11.90	CJ610-6	40	95.3	
LEARJET	24F	13.50	11.90	CJ610-6	40	95.3	
LEARJET	24F-A	12.50	11.90	CJ610-6	40	95.3	
LEARJET	25	16.00	13.30	CJ610-6	40	99.0	
LEARJET	25/25B/C Raisb MK II	15.00	13.30	CJ610	40	99.0	
LEARJET	25B/C/D/F XR Dec Hwd	16.30	13.30	CJ610-6/8A	40	99.0	
LEARJET	25C	15.00	13.30	CJ610-6	40	100.8	13
LEARJET	25D	15.00	13.30	CJ610-6	40	102.7	14
LEARJET	25D/25F	15.00	13.30	CJ610-6/8A	40	95.2	
LEARJET	28/29	15.00	14.30	CJ610-8A	40	101.7	
LEARJET	31	16.50	15.30	TFE731-2-3B	40	92.6	*
LEARJET	35/36	18.00	14.30	TFE731-2-2B	40	92.2	*
LEARJET	35A	18.00	14.30	TFE731-2-2B	40	91.3	*
LEARJET	35A/36A	18.30	15.30	TFE731-2-2B	40	91.4	
LEARJET	36A	18.30	15.30	TFE731-2-2B	40	91.4	*
LEARJET	55	21.00	17.00	TFE731-3A-2B	40	90.6	*
LEARJET	55B	21.50	18.00	TFE731-3A-2B	40	91.0	*

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
LEARJET	55C	21.50	18.00	TFE731-3AR-2B	40	92.4	*
LEARJET	60	23.10	19.50	PW305A	40	87.7	
LEARJET	M55C	21.50	17.00	TFE731-3AR-3B	40	92.4	*
LOCKHEED	1329-23 (AIRESEARCH)	43.80		TFE731-3-1E	59	96.9	* **
LOCKHEED	1329-23A/D/E w/STAR 3 STC (ST00258SE)	44.25	36.00	TFE731-3-1R	59	96.9	
LOCKHEED	1329-25 (AIRESEARCH)	44.50	36.00	TFE731-3		96.9	* **
LOCKHEED	1329-25 w/STAR 3 STC# ST00259SE	44.50	36.00	TFE731-3-1R	59	96.9	
LOCKHEED	L-1011	430.00	358.00	RB211-22B	42	102.8	5 *
LOCKHEED	L-1011-1	430.00	358.00	RB211-22B	42	102.8	5 *
LOCKHEED	L-1011-100	466.00	368.00	RB211-22B	42	102.8	5 *
LOCKHEED	L-1011-200	466.00	368.00	RB211-524B	33	101.4	5 *
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B	33	101.5	5 *
LOCKHEED	L-1011-500	504.00	368.00	RB211-524B3	33	100.2	5 *
LOCKHEED	L-1011-500	510.00	368.00	RB211-524B4	33	102.0	*
LOCKHEED	L1011-385-1-14/15	474.00	368.00	RB211-22B	42	102.8	
LOCKHEED	L1011-385-1-14/15	466.00	368.00	RB211-524B4	42	103.3	*
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	25	104.2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	25	104.5	6,**
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	286.00	207.00	JT3D-3B	25	104.6	6,26,**
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	276.00	199.50	JT3D-1	35	107.1	6,**

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<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	276.00	199.50	JT3D-3B	35	107.0	6,26,**
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	276.00	199.50	JT3D-3B	35	107.1	6,**
MCDONNELL DOUGLAS	DC-08-51 QNC PLS QN	286.00	207.00	JT3D-3B	35	107.1	6,26,**
MCDONNELL DOUGLAS	DC-08-51 W/BAC QN	276.00	199.50	JT3D-1	50	107.8	6,**
MCDONNELL DOUGLAS	DC-08-51 W/BAC QN	276.00	199.50	JT3D-3B	50	107.8	6,**
MCDONNELL DOUGLAS	DC-08-51 W/BAC QN	286.00	199.50	JT3D-3B	50	107.8	6,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	25	104.3	6,26,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	25	104.7	6,**
MCDONNELL DOUGLAS	DC-08-52 QNC PLS QN	300.00	202.00	JT3D-3B	35	107.0	6,26,**
MCDONNELL DOUGLAS	DC-08-52 QNC PLS QN	300.00	202.00	JT3D-3B	35	107.2	6,**
MCDONNELL DOUGLAS	DC-08-52 W/BAC QN	305.00	201.90	JT3D-3B	50	108.0	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	306.80	207.00	JT3D	25	105.0	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	315.00	207.00	JT3D-3B	35	107.1	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	309.80	207.00	JT3D-3B	25	104.6	6,26,**
MCDONNELL DOUGLAS	DC-08-53 QNC PLS QN	318.00	207.00	JTD3D-3B	35	107.1	6,26,**
MCDONNELL DOUGLAS	DC-08-53 W/BAC QN	315.00	203.30	JT3D-3B	50	108.1	6,**
MCDONNELL DOUGLAS	DC-08-54 W/BAC QN	315.00	240.00	JT3D-3B	50	107.9	6,**
MCDONNELL DOUGLAS	DC-08-55 (QNC QN)	309.80	217.00	JT3D-3B	25	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08-55 QNC PLS QN	320.30	217.00	JT3D-3B	35	107.2	6,26,**
MCDONNELL DOUGLAS	DC-08-55 W/BAC QN	325.00	240.00	JT3D-3B	35	107.9	6,**

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AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES
---APPROACH---

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
MCDONNELL DOUGLAS	DC-08-61 (QNC QN)	309.80	240.00	JT3D-3B	25	106.5	6,26,**
MCDONNELL DOUGLAS	DC-08-61 QNC PLS QN	270.00	240.00	JT3D-3B	35	107.2	6,26,**
MCDONNELL DOUGLAS	DC-08-61 QNC PLS QN	320.30	240.00	JT3D-3B	35	107.2	6,**
MCDONNELL DOUGLAS	DC-08-61 W/BAC QN	325.00	240.00	JT3D-3B	35	107.9	6,**
MCDONNELL DOUGLAS	DC-08-61F (QNC QN)	309.80	248.00	JT3D-3B	25	106.9	6,26,**
MCDONNELL DOUGLAS	DC-08-62 (BAC R-1)	350.00	240.00	JT3D-3B	35	100.2	6
MCDONNELL DOUGLAS	DC-08-62 (BAC/MGM)	348.00	240.00	JT3D-3B	35	100.7	6
MCDONNELL DOUGLAS	DC-08-62 W/ADC QN	350.00	250.00	JT3D-3B	50	108.3	6,**
MCDONNELL DOUGLAS	DC-08-62 W/ADC QN	350.00	250.00	JT3D-7	50	108.3	6,**
MCDONNELL DOUGLAS	DC-08-62 W/TNC QN	350.00	250.00	JT3D-3B	50	107.9	6,**
MCDONNELL DOUGLAS	DC-08-62 W/TNC QN	355.00	275.00	JT3D-7	35	107.6	6,**
MCDONNELL DOUGLAS	DC-08-63 (BAC R-1)	355.00	275.00	JT3D-7	35	103.0	6
MCDONNELL DOUGLAS	DC-08-63 (BAC/MGM)	353.00	275.00	JT3D-7	35	103.0	6
MCDONNELL DOUGLAS	DC-08-63 W/ADC QN	355.00	275.00	JT3D-3B	50	108.5	6,**
MCDONNELL DOUGLAS	DC-08-63 W/ADC QN	355.00	275.00	JT3D-7	50	108.4	6,**
MCDONNELL DOUGLAS	DC-08-63 W/TNC QN	350.00	250.00	JT3D-3B	50	107.9	6,**
MCDONNELL DOUGLAS	DC-08-63 W/TNC QN	355.00	275.00	JT3D-7	35	107.3	6,**
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM-56-2C5		98.3	*
MCDONNELL DOUGLAS	DC-08-71	328.00	258.00	CFM56-2-C1	50	98.6	*
MCDONNELL DOUGLAS	DC-08-72	350.00	250.00	CFM56-2-C1	50	98.2	*

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

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<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
MCDONNELL DOUGLAS	DC-08-73	355.00	275.00	CFM56-2-C1	50	98.5	*
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	309.80	240.00	JT3D-3B	25	106.5	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 QNC PLS QN	315.00	217.00	JT3D-3B	35	107.3	6,**
MCDONNELL DOUGLAS	DC-08F-54 QNC PLS QN	315.00	240.00	JT3D-3B	35	107.4	6,26,**
MCDONNELL DOUGLAS	DC-08F-55 (QNC QN)	309.80	240.00	JT3D-3B	25	106.5	6,26,**
MCDONNELL DOUGLAS	DC-08F-55 QNC PLS QN	317.80	240.00	JT3D-3B	35	107.4	6,26,**
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7	50	103.1	24
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7/-7A	50	100.4	1
MCDONNELL DOUGLAS	DC-09-10 (ABS)	90.70	81.70	JT8D-7/7A/7B	40	95.0	6
MCDONNELL DOUGLAS	DC-09-20 (ABS;STC SA1613GL)	100.00	93.40	JT8D-9/9A	40	95.7	
MCDONNELL DOUGLAS	DC-09-30	108.00	98.10	JT8D-17	50	101.1	1
MCDONNELL DOUGLAS	DC-09-30	108.00	99.00	JT8D-7A	50	97.3	1
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-7	50	104.3	16,24
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-7	50	97.3	1
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-9	50	104.3	24
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-15	50	99.0	1
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-9	50	99.4	1
MCDONNELL DOUGLAS	DC-09-30 (ABS)	111.00	101.00	JT8D-11	40	96.0	
MCDONNELL DOUGLAS	DC-09-30 (ABS;STC SA1613GL)	107.00	101.00	JT8D-9/9A	40	96.0	
MCDONNELL DOUGLAS	DC-09-30(ABS)	111.00	101.00	JT8D-11	40	96.0	12

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APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	105.00	101.00	JT8D-7/7A/7B	40	96.0	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	105.00	101.00	JT8D-9/9A	40	96.1	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-7/7A/7B	40	96.0	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-9/9A	40	96.0	
MCDONNELL DOUGLAS	DC-09-31/32/32F/33F(ABS;STC SA1613GL)	107.00	101.00	JT8D-7/7A/7B	40	96.0	
MCDONNELL DOUGLAS	DC-09-34	110.00	101.00	JT8D-9	50	99.1	1
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-15	50	101.4	1
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-17	50	101.9	1
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-11	50	99.4	1
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-15	50	99.4	1
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-15	50	101.9	1
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-17	50	101.9	1
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D	50	105.5	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1	50	105.5	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1A	50	105.5	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K	50	103.8	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K2	50	103.8	*
MCDONNELL DOUGLAS	DC-10-15	455.00	363.50	CF6-50C2-F	50	103.1	
MCDONNELL DOUGLAS	DC-10-30	565.00	411.00	CF6-50A	50	106.6	*
MCDONNELL DOUGLAS	DC-10-30	572.00	411.00	CF6-50C/H	50	106.6	

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<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C1	50	106.6	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2	50	105.3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2-B	50	105.3	
MCDONNELL DOUGLAS	DC-10-30	572.00	421.00	CF6-50C2-R	50	105.8	
MCDONNELL DOUGLAS	DC-10-30	572.00	424.00	CF6-50C2-B	50	106.0	15
MCDONNELL DOUGLAS	DC-10-30	590.00	436.00	CF6-50C2	50	106.4	15
MCDONNELL DOUGLAS	DC-10-40	530.00	403.00	JT9D-20D	50	105.7	*
MCDONNELL DOUGLAS	DC-10-40	555.00	403.00	JT9D-59A	50	106.4	*
MCDONNELL DOUGLAS	MD-11	602.50	430.00	CF6-80C2D1F	50	103.6	
MCDONNELL DOUGLAS	MD-11	618.00	471.50	CF6-80C2	50	104.3	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4460	50	104.4	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4462	50	104.4	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	CF6-80C2D1F	50	104.5	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4460 (-3)	50	104.4	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4462 (-3)	50	104.4	
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-209	40	92.9	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-217	40	92.9	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217A	40	93.7	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217C	40	93.7	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-219	40	93.7	10

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APPENDIX 5

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217A	40	93.3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217C	40	93.3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-219	40	93.3	10
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2525-D5	40	91.8	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2528-D5	40	91.8	
MITSUBISHI	MU-300 (DIAMOND I)	14.10	13.20	JT15D-4	30	85.8	*
MITSUBISHI	MU-300 (DIAMOND I)	15.50	13.20	JT15D-4D	30	85.8	
MITSUBISHI	MU-300-10 (DIAM. II)	15.78	14.22	JT15D-5	30	91.4	*
RAYTHEON	HAWKER 125- 1A	21.70	19.60	TFE731-3-1H	45	96.0	
RAYTHEON	HAWKER 125- 3A	21.70	20.00	TFE731-3-1H	45	96.3	
RAYTHEON	HAWKER 125- 3A/RA	23.60	20.00	TFE731-3-1H	45	95.7	
RAYTHEON	HAWKER 125- 400A	23.60	20.00	TFE731-3-1H	45	95.7	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	TFE731-3-1H	45	96.3	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	VIPER 601-22	45	102.9	12
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	45	96.0	25,33
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	45	96.3	33
RAYTHEON	HAWKER 125- 800	27.40	23.35	TFE731-5R-1H	45	96.5	
RAYTHEON	HAWKER 125- 800A	27.40	23.35	TFE731-5R-1H	45	96.5	25
RAYTHEON	HAWKER 125-1000	35.50	28.50	PW305	25	92.0	
SABRELINER	SABRELINER 40	20.20	17.50	JT12A-8	25	98.4	

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>MTOW 1000#</u>	<u>MLW 1000#</u>	<u>ENGINE MODEL</u>	<u>AP FLAPS</u>	<u>AP NOISE LEVEL (EPNdB)</u>	<u>NOTES</u>
SABRELINER	SABRELINER 60	20.20		JT12A-8	24	98.5	*
SABRELINER	SABRELINER 60A/60SC	22.70	20.60	JT12A-8		102.2	
SABRELINER	SABRELINER 65	24.00	21.80	TFE731-3R		90.6	*
SABRELINER	SABRELINER 75A	23.00		CF700-2D-2	25	100.2	*
SABRELINER	SABRELINER 80	23.30	22.00	CF700-2D-2		100.2	*
SABRELINER	SABRELINER 80A/80SC	25.50	22.00	CF700-2D-2		101.1	*

Refer to Appendix 1 for Note Explanations

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APPENDIX 6AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN
AIRPLANES IN THE TRANSPORT CATEGORY

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER MFR. MODEL	DIAM (IN)	BLADES PITCH	FLAPS		NOISE LEVEL (EPNdB)				NOTES
		MFR. MODEL	NO.	SHP	RPM				TO	AP	TO	SL	AP	STAGE	
AEROSPATIALE ATR42-200	34.70	PRATT&WHITNEY	2	2000	1200	HAMILTON STD	156	4	15	30	82.1	83.8	96.8	3	
	34.20	PW 120				14SF-1		V							
AEROSPATIALE ATR42-300	35.60	PRATT&WHITNEY	2	2000	1200	HAMILTON STD	156	4	15	30	82.6	83.8	96.8	3	
	35.30	PW 120				14SF-5		V							
AEROSPATIALE ATR42-300	37.30	PRATT&WHITNEY	2	2000	1200	HAMILTON STD	156	4	15	30	83.3	83.7	96.7	3	
	36.20	PW 120				14SF-5		V							
AEROSPATIALE ATR42-320	35.60	PRATT&WHITNEY	2	2100	1200	HAMILTON STD	156	4	15	30	82.2	83.9	96.8	3	
	35.30	PW 121				14SF-5		V							
AEROSPATIALE ATR42-320	37.30	PRATT&WHITNEY	2	2100	1200	HAMILTON STD	156	4	15	30	83.0	83.9	96.7	3	
	36.20	PW 121				14SF-5		V							
AEROSPATIALE ATR42-400	39.50	PRATT&WHITNEY	2	2200	1200	HAMILTON STD	155	6	15	35	77.2	80.9	93.1	3	
	38.80	PW 121A				568F		V							
AEROSPATIALE ATR42-400	40.10	PRATT&WHITNEY	2	2200	1200	HAMILTON STD	155	6	15	35	77.6	80.9	93.0	3	
	39.50	PW 121A				568F		V							
AEROSPATIALE ATR42-500	41.00	PRATT&WHITNEY	2	2400	1200	HAMILTON STD	155	6	15	35	76.6	80.7	92.4	3	
	40.30	PW 127E				568F		V							
AEROSPATIALE ATR42-500	44.05	PRATT&WHITNEY	2	2400	1200	HAMILTON STD	155	6	15	35	78.5	80.7	92.2	3	
	42.95	PW 127E				568F		V							
AEROSPATIALE ATR72-100	44.10	PRATT&WHITNEY	2	2400	1200	HAMILTON STD	156	4	15	30	85.2	84.8	94.1	3	
	43.90	PW 124				14SF11		V							
AEROSPATIALE ATR72-200	48.50	PRATT&WHITNEY	2	2400	1200	HAMILTON STD	156	4	15	30	86.9	84.7	91.1	3	
	47.10	PW 124				14SF11		V							
AEROSPATIALE ATR72-200	47.40	PRATT&WHITNEY	2	2400	1200	HAMILTON STD	156	4	15	30	86.5	84.7	94.1	3	
	47.10	PW 124				14SF11		V							
AEROSPATIALE ATR72-210	47.30	PRATT&WHITNEY	2	2450	1200	HAMILTON STD	156	4	15	33	86.1	86.1	94.2	3	
	47.10	PW 127				14SF11		V							

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN
AIRPLANES IN THE TRANSPORT CATEGORY

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	FLAPS		NOISE LEVEL (EPNdB)					STAGE	NOTES
		MFR. MODEL	NO.	SHP	RPM	MFR. MODEL	TO			AP	TO	SL	AP					
AEROSPATIALE ATR72-210	47.40	PRATT&WHITNEY	2	2450	1200	HAMILTON STD	156	4	15	33	80.2	84.8	92.7	3				
	47.10	PW 127				247F		V										
AEROSPATIALE ATR72-210	48.50	PRATT&WHITNEY	2	2450	1200	HAMILTON STD	156	4	15	33	86.5	86.0	94.2	3				
	48.20	PW 127				14SF11		V										
AEROSPATIALE ATR72-210	50.66	PRATT&WHITNEY	2		1200	HAMILTON STD.	156	4	15	33	82.2	84.7	92.4	3				
	49.56	PW127				247F		V										
BAe 748-2A	44.50	ROLLS-ROYCE	2	2470	1394	DOWTY ROTOL	144	4	15	28	92.5	96.8	103.8	2				
	43.00	DART 532-2				CR212/4-30-4/22		V										
BAe 748-2B	46.00	ROLLS ROYCE	2	2470	1394	DOWTY ROTOL	144	4	15	28	92.5	96.8	103.4	2				
	43.00	DART 535-2				CR212/4-30-4/22		V										
BAe 748-2B	46.00	ROLLS ROYCE	2	2470	1394	DOWTY ROTOL	144	4	8	28	88.7	93.3	92.8	3	1			
	43.00	DART 536-2				CR212/4-30-4/22		V										
BAe ATP	50.55	PRATT&WHITNEY	2	2160	1200	HAMILTON STD.	165	6	7	22	80.7	82.1	96.5	3				
	49.05	PW124A				6/5500/F		V										
BAe ATP	50.55	PRATT&WHITNEY	2		1200	HAMILTON STD.	165	6	7	15	79.5	82.7	97.9	3				
	49.05	PW126A				6/5500/F.1		V										
CASA C-212-CB	14.33	ALLIEDSIGNAL	2	750	1591	HARTZELL	107	4	10	20	87.3	84.0	91.2	3	*			
	13.80	TPE 331-5-251C				HC-B4TN-5CL/LT10282H		V										
CASA C-212-CC	17.00	ALLIEDSIGNAL	2	900	1591	HARTZELL	110	4	10	15	85.9	85.1	90.9	3	*			
	16.40	TPE 331-10/10R-501C/5				HC-B4MN-5AL		V										
CASA C-212-CD/CE	16.98	ALLIEDSIGNAL	2	900	1591	DOWTY-ROTOL	110	4	10	40	82.9	83.0	93.2	3	*			
	16.42	TPE331-10R-502C/512C				(C)R.334/4-82-F/13		V										
CASA C-212-CF	16.98	ALLIEDSIGNAL	2	900	1591	HARTZELL	110	4	10	15	85.9	85.1	90.9	3	*			
	14.42	TPE 331-10R-501C/511				HC-B4MN-5AL		V										
CASA C-212-DE	16.97	PRATT&WHITNEY	2	1000	1700	MCCAULEY	106	4	10	40	84.1	84.7	88.0	3	*			
	16.42	PT6A-65B				4HFR34C756		V										

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APPENDIX 6AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN
AIRPLANES IN THE TRANSPORT CATEGORY

MANUFACTURER	MTOW MLW	ENGINE DATA				PROPELLER	DIAM	BLADES	FLAPS		NOISE LEVEL (EPNdB)				
MODEL	1000#	MFR. MODEL	NO.	SHF	RPM	MFR. MODEL	(IN)	PITCH	TO	AP	TO	SL	AP	STAGE	NOTES
CASA	16.98	ALLIEDSIGNAL	2	900	1591	DOWTY-ROTOL	110	4	10	40	82.9	83.0	93.2	3	*
C-212-DF	16.42	TPE331-10R-502C/512C				(C)R 334/4-82-F/13		V							
CASA	31.80	GENERAL ELECTRIC	2	1700	1384	HAMILTON STD.	132	4	8	23	84.5	86.5	87.2	3	*
CN-235	31.30	CT7-7A				14RF-21		V							
CASA	31.80	GENERAL ELECTRIC	2	1750	1384	HAMILTON STANDARD	132	4	10	23	84.8	86.7	87.2	3	*
CN-235-100	31.30	CT7-9C				14RF-21		V							
CASA	33.29	GENERAL ELECTRIC	2	1750	1384	HAMILTON STANDARD	132	4	10	23	85.3	87.8	87.2	3	*
CN-235-100	32.85	CT7-9C				14RF-21		V							
CASA	34.83	GENERAL ELECTRIC	2	1750	1384	HAMILTON STANDARD	132	4	10	23	80.5	87.4	92.4	3	*
CN-235-200	34.39	CT7-9C				14RF-21		V							
CONVAIR	58.15	ALLISON	2	3460	1020	AEROPRODUCTS	162	4	10	28	87.4	91.1	98.3	3	
580 (Aeroproduct.)	52.00	501-D13H				A6441FN-606A		V							
DEHAVILLAND	43.00	PRATT&WHITNEY	4	1017	1210	HAMILTON STD.	135	4	25	25	80.1	83.3	91.6	3	*
DHC-7-101	41.01	PT6A-50				24PF-305		V							
DEHAVILLAND	44.00	PRATT&WHITNEY	4	1120	1210	HAMILTON STD.	135	4	25	25	80.5	84.0	91.4	3	*
DHC-7-103	42.00	PT6A-50				24PF-305		V							
DEHAVILLAND	33.00	PRATT&WHITNEY	2	1800		HAMILTON STD.	156	4	15	35	80.7	86.3	95.1	3	
DHC-8	32.40	PW 120				14SF-1		V							
DEHAVILLAND	34.50	PRATT&WHITNEY	2	1800	1150	HAMILTON STD	156	4	15	35	80.8	86.3	90.7	3	
DHC-8-102	33.90	PW 120				14SF-7		V							
DEHAVILLAND	34.50	PRATT&WHITNEY	2	1800	1200	HAMILTON STD	156	4	15	35	80.8	86.3	94.8	3	
DHC-8-102	33.90	PW 120				14SF-7		V							
DEHAVILLAND	34.50	PRATT&WHITNEY	2	1945	1150	HAMILTON STD	156	4	15	35	79.8	85.3	90.7	3	
DHC-8-103	33.90	PW 121				14SF-7		V							
DEHAVILLAND	34.50	PRATT&WHITNEY	2	1945	1200	HAMILTON STD	156	4	15	35	79.8	86.1	94.8	3	
DHC-8-103	33.90	PW 121				14SF-7		V							

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN
AIRPLANES IN THE TRANSPORT CATEGORY

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA			PROPELLER		DIAM (IN)	BLADES PITCH	FLAPS		NOISE LEVEL (EPNdB)				NOTES
		MFR. MODEL	NO.	SHP	RPM	MFR. MODEL			TQ	AP	TQ	SL	AP	STAGE	
DEHAVILLAND DHC-8-103	34.50 33.90	PRATT & WHITNEY PW 121	2	1945	1100	HAMILTON STD 14SF-7	156	4 V	15	35	77.8	82.9	91.0	3	
DEHAVILLAND DHC-8-106	36.30 33.90	PRATT & WHITNEY PW 121	2	1945	1200	HAMILTON STD 14SF-7	156	4 V	15	35	80.5	85.6	94.8	3	
DEHAVILLAND DHC-8-106	36.30 33.90	PRATT & WHITNEY PW 121	2	1945	1100	HAMILTON STD 14SF-7	156	4 V	15	35	79.9	84.0	94.8	3	
DEHAVILLAND DHC-8-201	36.30 33.90	PRATT & WHITNEY PW 123	2	1945	1200	HAMILTON STD 14SF-7	156	4 V	15	35	80.5	85.6	94.8	3	
DEHAVILLAND DHC-8-201	36.30 33.90	PRATT & WHITNEY PW 123	2	1945	1100	HAMILTON STD 14SF-7	156	4 V	15	35	79.9	84.0	94.8	3	
DEHAVILLAND DHC-8-202	36.30 33.90	PRATT & WHITNEY PW 123	2	1945	1200	HAMILTON STD 14SF-7	156	4 V	15	35	80.5	85.6	94.8	3	
DEHAVILLAND DHC-8-202	36.30 33.90	PRATT & WHITNEY PW 123	2	1945	1100	HAMILTON STD 14SF-7	156	4 V	15	35	79.9	84.0	94.8	3	
DEHAVILLAND DHC-8-300	41.10 40.00	PRATT & WHITNEY PW123	2		1200	HAMILTON STD. 14SF-15	156	4 V	5	15	84.3	87.4	98.9	3	
DEHAVILLAND DHC-8-311	41.10 40.00	PRATT & WHITNEY PW123	2	2142		HAMILTON STANDARD 14SF-15	156	4 V	5	35	79.5	87.0	93.3	3	
DEHAVILLAND DHC-8-311	43.00 42.00	PRATT & WHITNEY PW 123	2	2142	1200	HAMILTON STD 14SF-15	156	4 V	5	35	80.0	86.8	93.3	3	
DEHAVILLAND DHC-8-314	41.10 40.00	PRATT & WHITNEY PW123	2	2249	1100	HAMILTON STANDARD 14SF-15	156	4 V	5	35	80.7	84.7	93.3	3	
DEHAVILLAND DHC-8-314	41.10 40.00	PRATT & WHITNEY PW123	2	2249	1200	HAMILTON STANDARD 14SF-15	156	4 V	5	35	79.9	87.3	93.3	3	
DEHAVILLAND DHC-8-314	43.00 42.00	PRATT & WHITNEY PW123	2	2249	1100	HAMILTON STANDARD 14SF-15	156	4 V	5	35	81.7	84.6	93.2	3	

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APPENDIX 6AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN
AIRPLANES IN THE TRANSPORT CATEGORY

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	FLAPS		NOISE LEVEL (EPNdB)					STAGE	NOTES
		MFR. MODEL	NO.	SHP	RPM	MFR. MODEL				TO	AP	TO	SL	AP				
DEHAVILLAND DHC-8-314	43.00 42.00	PRATT & WHITNEY PW123	2	2249	1200	HAMILTON STANDARD 14SF-15	156		4 V	5	35	80.7	87.2	93.3		3		
DEHAVILLAND DHC-8-315	41.10 40.00	PRATT & WHITNEY PW123E	2	2142	1200	HAMILTON STANDARD 14SF-15	156		4 V	5	35	79.5	87.0	93.3		3		
DEHAVILLAND DHC-8-315	43.00 42.00	PRATT & WHITNEY PW123E	2	2142	1200	HAMILTON STANDARD 14SF-15	156		4 V	5	35	80.0	86.9	93.3		3		
DORNIER 328-100/MOD 10	30.84 29.16	PRATT & WHITNEY PW119B	2	2180		HARTZELL HD-E6C-3B	142		6 V	12	32	82.1	83.8	94.8		3		*
EMBRAER EMB-120	21.17 21.17	PRATT & WHITNEY PW 115	2	1500		HAMILTON STD. 14RF-9	126		4 V	15	25	76.6	81.6	92.5		3		
EMBRAER EMB-120	25.40 24.80	PRATT & WHITNEY PW118	2			HAMILTON STD. 14RF-9	126		4 V	15	25	81.2	83.5	92.3		3		*
FOKKER 50	45.85 41.82	PRATT & WHITNEY 125B	2							8	26	81.0	85.0	96.8		3		
FOKKER F27 MK500	45.00 42.00	ROLLS ROYCE DART 7/MK535-7R	2			DOWTY ROTOL R193-4-30-4	138		4 V	0	40	90.6	92.2	100.3		2		
FOKKER F27 MK500	45.00 43.50	ROLLS ROYCE DART 7/MK535-7	2			DOWTY ROTOL R193-4-30-4	138		4 V	0	40	86.9	90.1	94.3		3		1
FOKKER F27 MK500	45.00 43.50	ROLLS ROYCE DART 7/MK535-7R	2			DOWTY ROTOL R193-4-30-4	138		4 V	0	40	87.4	89.8	94.3		3		1
FOKKER F27 MK500	45.90 43.50	ROLLS ROYCE DART 7/MK551-7R	2			DOWTY ROTOL R193-4-30-4	138		4 V	0	40	87.6	89.8	94.3		3		1
FOKKER F27 MK500/600	45.00 41.00	ROLLS ROYCE DART 7/MK552-7R	2	2307		DOWTY ROTOL R193-4-30-4	138		4 V	0	40	87.4	89.8	94.1		3		1
FOKKER F27 MK500/600	45.90 43.50	ROLLS ROYCE DART 7/MK552-7R	2	2307		DOWTY ROTOL R193-4-30-4	138		4 V	0	40	87.6	89.8	94.3		3		1

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN
AIRPLANES IN THE TRANSPORT CATEGORY

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA			RPM	PROPELLER		DIAM (IN)	BLADES PITCH	FLAPS		NOISE LEVEL (EPNdB)				STAGE	NOTES
		MFR. MODEL	NO.	SHP		MFR. MODEL				TO	AP	TO	SL	AP			
FOKKER F27 MK600	45.00	ROI LS ROYCE	2			DOWTY ROTOL		138	4	0	40	90.6	92.2	100.3		2	
	42.00	DART7 MK532-7R				R193-4-30-4			V								
JETSTREAM JETSTREAM 4100	23.00	ALLIEDSIGNAL	2	1500	1552	MCCAULEY		114	5	9	15	85.8	83.5	87.8		3	*
	22.30	TPE-331-14				B/C5JFR36C1101/2L114G			V								
LOCKHEED L382G	155.00	ALLISON	4	4050	1020	HAMILTON STD.		162	4	18	35	94.8	96.7	98.1		3	***
	135.00	S01-D22A				54H60			V								
MCDONNELL DOUGLAS DC3C (BTC STC)	28.75	PRATT&WHITNEY	2			HARTZELL		115	5	0	45	82.4	84.4	91.9		3	
	28.75	PT6A-67R				HC-B5MA-3/M11276			V								
SAAB 2000(w/PECS mod)	50.20	ALLISON	2			DOWTY ROTOL				15	35	78.4	87.5	87.9		3	
	48.50	AE2100A				R381/6-123-F/5											
SAAB 340B	28.50	GENERAL ELECTRIC	2		1384	HAMILTON STD.		132	4	15	20	77.7	86.1	90.1		3	
	28.00	CT7-9B				14RF-19			V								
SAAB 340B	28.50	GENERAL ELECTRIC	2		1384	DOWTY ROTOL		132	4	15	20	78.0	85.9	91.6		3	
	28.00	CT7-9B				R375/4-123-F/21			V								
SAAB 340B	28.50	GENERAL ELECTRIC	2		1384	DOWTY ROTOL		132	4	15	20	78.0	85.9	91.6		3	
	28.00	CT7-9B				R354/4-123-F/13/20			V								
SAAB SF340A	28.00	GENERAL ELECTRIC	2		1384	DOWTY ROTOL		132	4	15	20	78.2	85.8	84.4		3	
	27.20	CT7-5A2				R375/4-123-F/21			V								
SAAB SF340A	28.00	GENERAL ELECTRIC	2		1384	DOWTY ROTOL		132	4	15	20	78.2	85.8	84.4		3	
	27.20	CT7-5A2				R354/4-123-F/13/20			V								
SAAB FAIRCHILD 340	27.00	GENERAL ELECTRIC	2	1210		DOWTY ROTOL		126	4	15	35	79.3	87.6	89.6		3	
	26.50	CT7-5A				R320/4-123-F/1			V								
SAAB FAIRCHILD 340	27.00	GENERAL ELECTRIC	2	1210		DOWTY ROTOL		126	4	15	35	79.5	87.4	89.6		3	
	26.50	CT7-7E				R320/4-123-F/1			V								
SAAB-SCANIA 340A W/APU	27.27	GENERAL ELECTRIC	2	1735		DOWTY ROTOL		132	4		35	77.5	86.2	86.3		3	
	26.50	CT7-5A2				R354/4-123-F13			V								

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APPENDIX 6AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN
AIRPLANES IN THE TRANSPORT CATEGORY

MANUFACTURER	MTOW MLW	ENGINE DATA					PROPELLER	DIAM	BLADES	FLAPS	NOISE LEVEL (EPNdB)				
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	MFR. MODEL	(IN)	PITCH	TO	AP	TO	SL	AP	STAGE	NOTES
SHORT BROS. SD3-30	22.00 21.61	PRATT & WHITNEY PT6A-45	2	1120	1675	HARTZELL HC-35MP-34/M10282B-6	111	5 V	8	35	88.5	83.9	92.8	3	*
SHORT BROS. SD3-60	26.00 25.70	PRATT & WHITNEY PT6A-65R	2	1327		HARTZELL HC-B5MP-3C/M10876K	111	5 V	5	30	84.4	83.7	89.9	3	**
SHORT BROS. SD3-60-300	27.10 25.70	PRATT & WHITNEY PT6A-67R	2		1700	HARTZELL HC-A6A-3/A1046E	108	6 V	15	15	80.0	82.7	94.3	3	

Appendix 6 Notes

- 1 Equipped With Standard Hushkit
 - * Full Thrust Takeoff
 - ** 650 Meter Sideline
- See Appendix 1 For Charts And Equations For The Calculation Of Noise Certification Limits

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APPENDIX 7AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW MLW	ENGINE DATA					PROPELLER	DIAM	BLADES	NOISE LEVEL (dBA)			
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
AEROTECH/AUST. N22S	9.10	ALLISON 250-B17E	2				HARTZELL HC-A3VF-7B/V10133N-	91	3	78.0	-2.1	75.9	
ANDERSON GREEN WOOD 51	3.15 3.15	AVCO LYCOMING O-540-A4D5	1	250	2575	3	HARTZELL HC-E2YR-1S/8465-7R	77	2 V	75.2	-1.5	73.7	
BEECH (200)	12.50 12.50	PRATT&WHITNEY PT6A-41	2	847	2000	1	HARTZELL HC-B3TN-3G/T10178H	98	3 V	82.8	-3.6	79.2	
BEECH 1900/1900C	16.60 16.10	PRATT&WHITNEY PT6A-65B	2	1100	1700	2	HARTZELL HCB4MP-3A/M10877K	110	4 V	80.5	3.0	77.4	1
BEECH 2000	14.40	PRATT & WHITNEY XPT6A-67	2	1200	1700		McCAULEY D-L104DSZ-O	104	5 V	84.3	-5.5	79.3	
BEECH 58/58A	5.50 5.40	TCM IO-550-C	2	300	2700		MCCAULEY 3AF32C512/82-NEA-5	77	3 V	80.7	-3.3	77.4	
BEECH A36	3.60 3.60	TELEDYNE IO-520-B	1	260	2700	5	MCCAULEY 3A32C760/82 NB-2	80	3 V	78.8	-0.6	78.2	
BEECH A36	3.60 3.60	TELEDYNE IO-520-N	1	228	2550	5	MCCAULEY 2A36C23/84B-0	84	2 V	78.0	-0.6	77.4	
BEECH A36	3.65 3.65	TCM IO-550-B	1	300	2700		MCCAULEY 3A32C406/82NDB-2	80	3 V	78.2	-1.6	76.7	
BEECH A36TC	3.65 3.65	TELEDYNE TS10-520-U	1	300	2700	5	MCCAULEY 3A32C760/82 NB-2	80	3 V	79.5	-0.3	79.2	
BEECH B100	11.80 11.20	AIRESEARCH TPE331-6-252B	2	715	2000	1	HARTZELL HC-B4TN-5C/T10173F	90	4 V	80.2	-2.9	77.3	
BEECH B200	12.50 12.50	PRATT&WHITNEY PT6A-41	2	845	2000	1	HARTZELL HC-B3TN-3G/T10178H	99	3 V	82.8	-3.6	79.2	
BEECH B200/B200C	12.50 12.50	PRATT&WHITNEY PT6A-42	2	850	2000	1	HARTZELL HC-B3TN-3G/T10178H	98	3 V	82.8	-3.6	79.2	

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA					PROPELLER		DIAM (IN)	BLADES		NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL			PITCH		MdBA	PC	CdBA	
BEECH B200/B200C	12.50	PRATT & WHITNEY	2	850	2000	2	MCCAULEY		98	3		79.3	-3.9	75.4	
	12.50	PT6A-42					3GFR34C702/100LA-2			V					
BEECH B200/B200C/C12F	12.50	PRATT & WHITNEY	2	850	2000		MCCAULEY		94	4		80.7	-3.9	76.8	
	12.50	PT6A-42					4HFR34C754/94LA-0			V					
BEECH B200CT	12.50	PRATT & WHITNEY	2	845	2000	1	HARTZELL		99	3		82.8	-3.3	79.5	
	12.50	PT6A-42					HC-B3TN-3G/T10178H			V					
BEECH B200T/B200CT	12.50	PRATT & WHITNEY	2	850	2000	1	MCCAULEY		98	3		79.3	-3.8	75.5	
	12.50	PT6A-42					3GFR34C702/100LA-Z								
BEECH B200T/B200CT	12.50	PRATT & WHITNEY	2	850	2000		MCCAULEY		94	4		80.7	-3.8	76.8	
	12.50	PT6A-42					4HFR34C754/94LA-O			V					
BEECH B300	15.00	PRATT & WHITNEY	2	1050	1700	2	HARTZELL		105	4		75.9	-3.8	72.1	1
		PT6A-60A					HC-B4MP-3/M10476K								
BEECH B36TC	3.86	TELEDYNE	1	293	2700		MCCAULEY		78	3		78.7	0.5	79.2	
	3.86	TS10-520-U					82NDA-4			V					
BEECH B55	5.10	TELEDYNE	2	221	2550	2	HARTZELL		76	3		77.7	-3.0	74.7	
	5.10	IO-470-L					PHC-C3YF-2/FC7663-2			V					
BEECH B55	5.10	TELEDYNE	2	223	2550	2	HARTZELL		78	2		81.0	-3.0	78.0	
	5.10	IO-470-L					BHC-C2YF-2CH/FC846			V					
BEECH B58	5.40	TELEDYNE	2	254	2550	2	HARTZELL		78	2		82.0	-3.1	78.9	
	5.40	IO-520-C					BHC-J2YF-2C/FC8475-			V					
BEECH B58	5.40	TELEDYNE	2	256	2650	2	HARTZELL		76	3		81.9	-3.1	78.8	
	5.40	IO-520-C					PHC-J3YF-2/FC7663-D			V					
BEECH B58	5.50	TCM	2	300	2700		HARTZELL			4		78.5	-3.1	75.4	
	5.40	IO-550-C4B					FC-7063Q			V					
BEECH B58P	6.10	TELEDYNE	2	301	2600	2	HARTZELL		78	3		80.6	-1.5	79.1	
	6.10	TSIO-520-L					PHC-J3YF-2/FC7663-D			V					

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AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL			MdBA	PC	CdBA	
BEECH B58P	6.20 6.20	CONTINENTAL TS10-520-WB	2	294	2600	4	HARTZELL PHC-J3YF-2UF/FC7663	78	3 V	78.2	-2.1	76.1	
BEECH B58TC	6.10 6.10	TELEDYNE TS10-520-WB	2	294	2600	4	HARTZELL PHC-J3YF-2UF/FC7663	78	3 V	78.2	-2.1	76.1	
BEECH B58TC	6.20 6.20	CONTINENTAL TS10-520-L	2	301	2600	2	HARTZELL PHC-J3Y-2F/FC7663-D	78	3 V	80.6	-1.5	79.1	
BEECH B60	6.78 6.78	LYCOMING TIO-541-E1C4	2	296	2750	2	HARTZELL HC-F3YR-2UF/FC7479	74	3 V	82.1	-2.5	79.6	
BEECH B65-90	9.02 8.55	PRATT & WHITNEY PT6A-135	2	700	1900	4	HARTZELL HC-B3TN-2(B)/T10173	93	3 V	76.2	-5.8	70.4	
BEECH B76	3.98	LYCOMING O-360-A1G6D	2	165	2700	1	HARTZELL HC-M2YR-2CLUF/FC7	76	2 V	79.5	-2.3	77.2	
BEECH B76	3.90 3.90	LYCOMING O-360-A1G6D	2	165	2700	2	HARTZELL HC-M2YR-2CEUF/FC7	76	2 V	80.2	-1.5	78.7	
BEECH B77	1.68 1.68	LYCOMING O-235-L2C	1	115	2700	8	SENSENIH 72CK512-0-52	72	2 F	65.1	-1.3	63.8	
BEECH B95-C55	5.30 5.30	TCM IO-550-C	2	300	2700	2	HARTZELL FC-7063Q	74	4 V	78.5	-3.1	75.4	
BEECH C23	2.45 2.45	LYCOMING O-360-A4J	1	163	2700	2	SENSENIH 76EM8S5-0-60	76	2 F	73.3	0.0	73.3	
BEECH C24R	2.75 2.75	LYCOMING O-360-A1B6	1	202	2700	2	HARTZELL HC-M2YR-1BF/FC7666	76	2 V	73.0	-1.3	71.7	
BEECH C90	9.66 9.17	PRATT & WHITNEY PT6A-21	2	550	2200		HARTZELL HC-B3TN-2B/T10173B-	93	3 V	78.7	-4.4	74.3	
BEECH C90A	10.10	PRATT & WHITNEY PT6A-21		550	2200	4	HARTZELL HC-B3TN-2(B)	93	3	78.7	-4.4	74.3	

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW MLW 1000#	ENGINE DATA					PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
MODEL		MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL				MdBA	PC	CdBA	
BEECH C99	11.30	PRATT&WHITNEY	2	715	2200		HARTZELL	93	3		79.3	-3.4	75.9	
	11.30	PT6A-34					HC-B3TN-3/T10173B-8		V					
BEECH D55	5.30	TCM	2	300	2700	2	HARTZELL	74	4		78.5	-3.4	75.0	
	5.30	IO-550-C					FC-7063Q		V					
BEECH E55	5.30	TELEDYNE	2	256	2650	2	HARTZELL	76	3		81.9	-3.2	78.7	
	5.30	IO-520-C					PHC-J3Y-2F/FC7663-2R		V					
BEECH E55	5.30	TELEDYNE	2	254	2550	2	HARTZELL	78	2		82.0	-3.2	78.8	
	5.30	IO-520-C					DHC-C23P-2C/FC8475-		V					
BEECH E55	5.30	TCM	2	300	2700	2	HARTZELL	74	4		78.5	-3.4	75.0	
	5.30	IO-550-C					FC-7063Q		V					
BEECH E55	5.30	TCM	2	300	2700	V	HARTZELL	74	4		78.5	-3.4	75.0	
	5.30	IO-550-C					FC-7063Q		V					
BEECH E55	5.30	TCM	2	300	2700	V	HARTZELL	74	4		78.5	-3.4	75.0	
	5.30	IO-550-C					FC-7063Q		V					
BEECH E90	10.10	PRATT&WHITNEY	2	550	2200		HARTZELL	93	3		79.0	-4.0	75.0	
	9.70	PT6A-28					HC-B3TN-2B/T10173B-		V					
BEECH F33 A/C	3.40	TELEDYNE	1	260	2700	5	MCCAULEY	80	3		78.3	-1.4	76.9	
	3.40	IO-520-B					3A32C76/82NB-2		V					
BEECH F33 A/C	3.40	TELEDYNE	1	228	2550	5	MCCAULEY	84	2		78.1	-1.5	76.6	
	3.40	IO-520-BA					2A36C23/84 B-0		V					
BEECH F90 SUPER	10.95	PRATT&WHITNEY	2	754	1900	1	HARTZELL	92	4		77.9	-5.0	72.9	
	10.95	PT6A-135					HC-B4TN-3B/T10173F		V					
BEECH V35B	3.40	TELEDYNE	1	260	2700	5	MCCAULEY	80	3		78.8	-2.0	76.8	
	3.40	IO-520-B					3A32C76/82 NB-2		V					
BEECH V35B	3.40	TELEDYNE	1	228	2550	5	MCCAULEY	84	2		78.1	-1.5	76.6	
	3.40	IO-520-BA					2A36C23/84B-0		V					

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APPENDIX 7AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL			MdBA	PC	CdBA	
BELLANCA 17-30A	3.20 3.20	CONTINENTAL IO-520-K	1	225	2550	8	MCCAULEY D3A34C401/90DFA-12	78	3 F	79.4	-1.9	77.5	
BELLANCA 7ECA	1.65 1.65	LYCOMING O-235-K2C	1	115	2700	2	SENSENICH 74DM6S8-1-56	72	2 F	71.5	-2.7	68.8	
BELLANCA 7GCAA	1.65 1.65	LYCOMING O-320-A2B/A2D	1	150	2700	2	SENSENICH 74DM6S8-1-56	73	2 F	71.5	-4.7	66.8	
BELLANCA 7GCBC	1.65 1.65	LYCOMING O-320-A2B/A2D	1	150	2700	2	SENSENICH 74DM6S8-1-56	73	2 F	71.5	-4.6	66.9	
BELLANCA 7GCBC SEAPLANE	1.80 1.80	LYCOMING O-320	1	150	2700	2	MCCAULEY 1A175GMA/8040	80	2 F	68.4	1.9	70.3	
BELLANCA 8GCBC	2.15 2.15	LYCOMING O-360-C1A/C1E	1	180	2700	2	HARTZELL HC-C2YR-1BF/F7666A	76	2 F	76.3	-3.4	72.9	
BELLANCA 8GCBC	2.15 2.15	LYCOMING O-360-C2A/C2E	1	149	2700	2	MCCAULEY 1A200/HFA	80	2 F	76.3	-3.5	72.8	
BELLANCA 8KCAB	1.80 1.80	LYCOMING AEIO-320-E1B	1	150	2700	2	HARTZELL HC-C2YL-4F/FC7663-4	72	2 V	72.2	-2.2	70.0	
BELLANCA 8KCAB	1.80 1.80	LYCOMING AEIO-320-E2B	1	150	2700	2	SENSENICH 74DM6S8-0	74	2 F	72.2	-3.0	69.2	
BELLANCA 8KCAB	1.80 1.80	LYCOMING AEIO-360-H1A	1	180	2700	2	HARTZELL HC-C2YR-4CF/FC7666	74	2 V	72.2	-5.0	67.2	
CESSNA 152	1.67 1.67	LYCOMING O-235-L2C	1	110	2550	8	MCCAULEY 1A102/TCM6955	69	2 F	65.8	-1.0	64.8	
CESSNA 152/A152	1.67 1.67	LYCOMING O-235-L2C	1	110	2550	8	MCCAULEY 1A103/TCM6958	69	2 F	66.7	-0.4	66.3	
CESSNA 172N (LAND)	2.30 2.30	LYCOMING O-370-H2AD	1	160	2700	8	MCCAULEY 1C160/DTM 7557	75	2 F	74.3	-0.5	73.8	

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AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW MLW	ENGINE DATA					PROPELLER	DIAM	BLADES	NOISE LEVEL (dBA)			NOTES
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	
CESSNA 172N (SEA)	2.20	LYCOMING	1	160	2700	8	MCCAULEY	80	2	73.6	-1.4	72.2	
	2.18	O-320-H2AD					IA175/ETMR042		F				
CESSNA 172P	2.40	LYCOMING	1	160	2700	8	MCCAULEY	75	2	74.3	-0.5	73.8	
		O-320-D25					IC160/DTM7557		F				
CESSNA 172RG	2.65	LYCOMING	1	180	2700	8	MCCAULEY	76	2	73.4	0.5	73.9	
	2.65	O-360-F1A6					B2D34C220/80VLA-3.5		V				
CESSNA 177B	2.50	LYCOMING	1	180	2700	8	MCCAULEY	76	2	72.0	-0.3	71.7	
	2.50	IO-360-A1F6D					B2D34C211/82PCA-6		V				
CESSNA 177RG	2.80	LYCOMING	1	200	2700	8	MCCAULEY	78	2	76.3	-0.7	75.6	
	2.80	IO-360-A1B6D					B2D34C207/78TCA-0		V				
CESSNA 180K (AMPHIB)	2.95	TCM	1	230	2400	8	MCCAULEY	88	2	74.0	-2.2	71.8	
	2.95	O-470-U					C2A34C204/90DCA-2		V				
CESSNA 180K (LAND)	2.80	TCM	1	230	2400	8	MCCAULEY	90	2	73.0	-3.0	70.0	
	2.80	O-470-U					C2A34C204/90DCB-0		V				
CESSNA 182Q	2.95	TCM	1	230	2400	8	MCCAULEY	82	2	72.0	-2.9	69.1	
	2.95	O-470-U					D2A34C203/90DCA-8		V				
CESSNA 182R	3.10	TCM	1	230	2400	8	MCCAULEY	82	2	72.0	-2.9	69.1	
		O-470-V					D2A34C203/90DCA-8		V				
CESSNA 207A	3.80	TCM	1	285	2700	8	MCCAULEY	80	3	79.0	0.8	79.8	
	3.80	IO-520-F					D3A32C404/80VA-0		V				
CESSNA 207A	3.80	TCM	1	285	2700	8	MCCAULEY	80	3	77.8	-0.1	77.7	
	3.80	IO-520-F					D3A32C90/82NC-2		V				
CESSNA 208	7.30	PRATT&WHITNEY		600	1900	2	HARTZELL	100	3	72.8	-1.1	71.7	
	7.30	PT6A-114					HC-B3MN-3		V				
CESSNA 208	8.00	PRATT&WHITNEY		600	1900	2	HARTZELL	100	3	72.8	0.7	73.5	
	7.80	PT6A-114					HC-B3MN-3		V				

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AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL			MdBA	PC	CdBA	
CESSNA 208A	8.00 7.80	PRATT & WHITNEY PT6A-114		600	1900	2	HARTZELL HC-B3MN-3	100	3 V	72.8	0.7	73.5	
CESSNA 208B	8.75 8.50	PRATT & WHITNEY PT6A-114		600	1900	2	HARTZELL HC-B3MN-3	100	3 V	72.8	2.3	75.1	
CESSNA 210M	3.80 3.80	TCM IO-520-L-3A	1	285	2700	8	MCCAULEY D3A34C404/80VA-0	80	3 V	79.6	0.3	79.9	
CESSNA 210N	3.80 3.80	TCM IO-520-L-3A	1	285	2700	8	MCCAULEY D3A34C404/80VA-0	80	3 V	79.6	0.0	79.6	
CESSNA 210R	3.85 3.85	TCM IO-520-L	1	285	2700	8	MCCAULEY D3A34C404/80VA-0	80	3 V	79.6	-0.6	79.0	
CESSNA 310R	5.50 5.41	TCM IO-520-M	2	285	2700	8	MCCAULEY 3AF32C87/82NC-5.5	77	3 V	82.0	-2.9	79.1	
CESSNA 335	5.99 5.99	TCM TSIO-520-EB	2	300	2700	4	MCCAULEY 3AF32C87/82NC-5.5	77	3 V	79.6	-1.5	78.1	
CESSNA 337H	4.63 4.41	TCM TSIO-360-C	2	195	2600	8	MCCAULEY D2AF34C310/90DEA-12	78	2 V	78.6	1.3	79.9	
CESSNA 337H	4.63 4.41	TCM TSIO-360-C	2	195	2600	8	MCCAULEY D2AF34C307/L78CBA-	76	2 V	78.6	1.3	79.9	
CESSNA 340A	5.99 5.99	TCM TSIO-520-N	2	310	2700	4	MCCAULEY 3AF32C93/82NC-5.5	76	3 V	82.0	-5.5	76.5	
CESSNA 340A	5.99 5.99	TCM TSIO-520-N	2	310	2700	3	MCCAULEY 3AF32C93/82NC-5.5	77	3 V	83.4	-3.7	79.7	
CESSNA 402B	6.85 6.85	TCM TSIO-520-E	2	300	2700	3	MCCAULEY 3AF32C87M/82NC-5.5	76	3 V	81.6	-2.8	78.8	
CESSNA 402C	6.85 6.85	TCM TSIO-520-UB	2	325	2700	4	MCCAULEY 3AF32C92N/82NC-6.5	76	3 V	80.8	-2.2	78.6	

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL			MdBA	PC	CdBA	
CESSNA 402C	6.85	TCM	2	310	2600	4	MCCAULEY	77	3	77.2	-2.1	75.1	
	6.85	TSIO-520-VB					3AF32C93/82NC-5.5		V				
CESSNA 404	8.40	TCM	2	375	3350	4	MCCAULEY	90	3	81.6	-2.7	78.9	
	8.09	GTSIO-520-M					3FF32C501/90UMB-0		V				
CESSNA 404	8.40	PRATT & WHITNEY	2	550	2000	4	HARTZELL	93	3	81.1	-5.0	76.1	
	8.10	PT6A-34					HCB3TN-3B/T10173-8R		V				
CESSNA 406	9.36	PRATT & WHITNEY	2	500	1900	1	MCCAULEY	93	3	75.0	-3.0	72.0	
	9.36	PT6A-112					3GFR34C701/93KB-0		V				
CESSNA 414A	6.75	TCM	2	298	2600	4	MCCAULEY	77	3	79.1	-2.5	76.6	
	6.75	TSIO-520-N					3AF32C93/82NC-5.5		V				
CESSNA 421C	7.45	TCM	2	375	3350	4	MCCAULEY	90	3	80.3	-3.6	76.7	
	7.21	GTSIO-520-L					3FF32C501/90UMB-0		V				
CESSNA 425	8.20	PRATT & WHITNEY	2	450	1900	4	MCCAULEY	93	3	75.7	-4.3	71.4	
	8.00	PT6A-112					36FR34C701/93KB-0		V				
CESSNA 425	8.20	PRATT & WHITNEY	2	450	1900	4	HARTZELL	93	3	75.7	-4.3	71.4	
	8.00	PT6A-112					HC-B3TN-3C/T10178B-		V				
CESSNA 425	8.60	PRATT & WHITNEY	2	450	1900	4	HARTZELL	93	3	75.7	-3.4	72.3	
	8.00	PT6A-112					HC-B3TN-3C/T10178B-		V				
CESSNA 441	9.85	AIRESEARCH	2	636	1990	4	MCCAULEY	90	3	78.0	-4.0	74.0	
	9.36	TPE331-8-401S					36FR34C601/93JA		V				
CESSNA 441	9.85	AIRESEARCH	2	636	1990	4	HARTZELL	90	3	78.0	-4.0	74.0	
	9.36	TPE331-8-401S					HC-B3TN-5E/T10178-1		V				
CESSNA A185F (AMPHIB)	3.27	TCM	1	285	2700	8	MCCAULEY	80	3	78.9	-1.2	77.7	
	3.12	IO-520-D					D3A34C403/80VA-0		V				
CESSNA A185F (FLOAT)	3.32	TCM	1	285	2700	8	MCCAULEY	80	3	78.9	-1.0	77.9	
	3.32	IO-520-D-24					D3A32C90/82NC-2		V				

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APPENDIX 7AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA					PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHp	RPM	EXH	MFR. MODEL				MdBA	PC	CdBA	
CESSNA	3.35	TCM	1	285	2700	8	MCCAULEY		80	3	78.9	-1.0	77.9	
A185F (LAND)	3.35	IO-520-D					D3A34C403/80VA-0			V				
CESSNA	3.30	TCM	1	260	2700	8	MCCAULEY		80	3	77.3	-1.5	75.8	
A188B	3.30	IO-520-D					D3A32C408/82NDA-2			V				
CESSNA	4.00	TCM	1	285	2600	4	MCCAULEY		80	3	77.1	0.9	78.0	
P210N	3.80	TSIO-520-P					D3A34C402/90DFA-10			V				
CESSNA	4.00	PRATT & WHITNEY	1	450		2	HARTZELL		77	3	68.7	-2.0	66.8	
P210N ADVANCED		PT6A-135					HC-83TN-3C/T10282K-			V				
CESSNA	4.10	TCM	1	325	2700	4	MCCAULEY		80	3	80.2	-0.8	79.4	
P210R	4.10	T510-520-CE					D3A36C410/80VM8-0			V				
CESSNA	4.70	TCM	2	208	2600	4	MCCAULEY		76	2	80.8	-1.1	79.7	
P337H	4.45	TSIO-360-C					D2AF34C305/L78CBA-			V				
CESSNA	4.70	TCM	2	208	2600	4	MCCAULEY		78	2	80.8	-1.1	79.7	
P337H	4.45	TSIO-360-C					D2AF34C308/90DEA-12			V				
CESSNA	2.55	TCM	1	195	2600	8	MCCAULEY		76	2	74.7	-0.6	74.1	
R172K (LAND)	2.55	IO-360-K					2A34C203/90DCA-14			V				
CESSNA	2.55	TCM	1	195	2600	8	MCCAULEY		80	2	76.4	-1.4	75.0	
R172K (SEA)	2.55	IO-360-K					2A34C203/90DCA-10			V				
CESSNA	3.10	LYCOMING	1	235	2400	8	MCCAULEY		82	2	72.7	-2.0	70.7	
R182	3.10	O-540-J3C5D					B2D34C214/90DHB-8			V				
CESSNA	3.10	LYCOMING	1	235	2400	8	MCCAULEY		79	3	70.3	-2.0	68.3	
R182	3.10	O-540-J3C5D					B3D32C407/82NDA-3			V				
CESSNA	3.10	LYCOMING	1	235	2400	4	MCCAULEY		79	3	69.5	-0.7	68.8	
T182	3.10	O-540-L3C5D					B3D32C407/82NDA-3			V				
CESSNA	3.10	LYCOMING	1	235	2400	4	MCCAULEY		82	2	73.2	-0.7	72.5	
T182	3.10	O-540-L3C5D					B2D34C219/90DHB-8			V				

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW MLW	ENGINE DATA					PROPELLER	DIAM	BLADES	NOISE LEVEL (dBA)			NOTES
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	
CESSNA	3.80	TCM	1	285	2600	4	MCCAULEY	80	3	77.9	-1.6	76.3	
T207A	3.80	TSIO-520-G-1A					3A32C401/90DFA-10		V				
CESSNA	3.80	TCM	1	285	2600	4	MCCAULEY	80	3	77.4	-1.6	75.8	
T210M	3.80	TSIO-520-H-4A					D3A34C-102/90DFA-10		V				
CESSNA	4.00	TCM	1	285	2600	4	MCCAULEY	80	3	77.4	0.0	77.4	
T210N	3.80	TSIO-520-R					D3A34C402/90DFA-10		V				
CESSNA	4.10	TCM	1	325	2700	4	McCAULEY	80	3	80.2	-0.8	79.4	
T210R	4.10	TS10-520-CE					D3A36C410/80VM8-0		V				
CESSNA	5.15	TCM	2	250	2400	4	MCCAULEY	74	3	76.5	-2.2	74.3	
T303	5.00	TSIO-520-AE					3AF32C506/82NEB-8		V				
CESSNA	5.50	TCM	2	285	2760	4	MCCAULEY	78	3	80.9	-3.2	77.7	
T310R	5.41	TSIO-520-BB					3AF32C87/82NC-4		V				
CESSNA	4.63	TCM	2	195	2600	4	MCCAULEY	76	2	79.4	-1.0	78.4	
T337H	4.40	TSIO-360-H					D2AF34C305/L78CBA-		V				
CESSNA	4.63	TCM	2	195	2600	4	MCCAULEY	78	2	79.4	-1.0	78.4	
T337H	4.42	TSIO-360-H					D2AF34C308/90DEA-12		V				
CESSNA	3.10	LYCOMING	1	235	2400	4	MCCAULEY	82	2	73.8	-1.2	72.6	
TR182	3.10	O-540-L3C5D					B2D34C217/90DHB-8		V				
CESSNA	3.10	LYCOMING	1	235	2400	4	MCCAULEY	79	3	70.6	-1.2	69.4	
TR182	3.10	O-540-L3C5D					B3D32C407/82NDA-3		V				
CESSNA	3.60	TCM	1	285	2600	4	MCCAULEY	80	3	78.5	-3.1	75.4	
TU206G	3.60	TSIO-520-M					D3A34C402/90DFA-10		V				
CESSNA	3.60	TCM	1	285	2600	4	MCCAULEY	80	3	78.0	1.2	79.2	
TU206G (AMPHIB)	3.60	TSIO-520-M					D3A34C402/90DFA-10		V				
CESSNA	3.60	TCM	1	285	2700	8	MCCAULEY	80	3	77.9	-0.4	77.5	
U206G	3.60	IO-520-F					D3A34C404/80VA-0		V				

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APPENDIX 7AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL			MdBA	PC	CdBA	
CESSNA	3.60	TCM	1	285	2700	8	MCCAULEY	80	3	79.8	-0.4	79.4	
U206G (LAND)	3.60	IO-520-F-9					D3A34C404/80VA-0		V				
CESSNA	3.50	TCM	1	285	2700	8	MCCAULEY	80	3	80.2	-0.8	79.4	
U206G(SEAPLANE)	3.50	IO-520-F					D3A34C404/80VA-0		V				
CLASSIC AIRCRAFT	2.65	JACOBS		245	2050		SENSENIH	96	2	75.1	-2.3	72.8	
WACO F5	2.65	R-755B2M					W96JA72		F				
CLASSIC AIRCRAFT	2.77	JACOBS		275	2200		SENSENIH	90	2	76.3	-0.7	75.6	
WACO F5	2.77	R-755B2M					W90T6JA72		F				
CURTISS-WRIGHT	2.45	LYCOMING	1	225	2050	2	HAMILTON STD	102	2	75.2	-1.6	75.6	
TRAVEL AIR 4000	2.45	R-680E3B					2B20/6135A		F				
DEHAVILLAND	8.00	PRATT&WHITNEY	1		1900		HARTZELL	102	3	76.3	-0.3	76.0	
DHC-3 W/SAE STC		PT6A-135/135A					HC-B3TN-3C/T10282		V				
DORNIER	12.50	GARRETT	2	715			HARTZELL	106	4			71.5	
228-100	12.50	TPE331-5-252D					HC-B4TN-5ML/LT						
EMBRAER	12.50	PRATT&WHITNEY	2	750	2200		HARTZELL	93	3	78.7	-1.4	77.3	
EMB-110	12.02	PT6A-34					HC-BT3N-3C/T10178H-		V				
FAIRCHILD	12.50	AIRESEARCH	2	900	4173	4	HARTZELL	106	4	77.4	-4.6	72.8	
SA226-T(B)	12.50	TPE331-10U-501G					HC-B4TN-5EL/LT10282		V				
FAIRCHILD	12.50	AIRESEARCH	2	632	1920	4	HARTZELL	102	3	83.6	-3.8	79.8	
SA226TC	12.50	TPE331-3UW-303G					HCB3 TN-5/T10282HB		V				
FAIRCHILD	14.50	GARRETT	2	1000			DOWTY-ROTOL	106	4	76.7	-1.9	74.8	1
SA227-AC		TPE331-11					R321/4-82-F/8		F				
FAIRCHILD	16.00	GARRETT	2	1000			DOWTY-ROTOL	106	4	76.7	1.0	77.7	1
SA227-AC		TPE331-11					R321/4-82-F/8		F				
FAIRCHILD	12.50	AIRESEARCH	2	1000	4173	4	DOWTY ROTOL	106	4	76.7	-4.8	71.9	
SA227-AC	12.50	TPE331-11U-601G					(C)R321/4-82-F/8		V				

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA					PROPELLER		DIAM (IN)	BLADES		NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL			PITCH		MdBA	PC	CdBA	
FAIRCHILD SA227-AC	14.00	AIRSEARCH TPE331-11U-601G	2	1000	4173	4	DOWTY ROTOL (C)R321/4-82-F/8		106	4 V		76.7	-2.2	74.5	1
FAIRCHILD SA227-AT	12.50	AIRSEARCH TPE331-11U-601E	2	1000	4173	4	DOWTY ROTOL (C)R321/4-82-F/8		106	4 V		76.7	-4.8	71.9	
FAIRCHILD SA227-AT	14.00	AIRSEARCH TPE331-11U-601G	2	1000	4173	4	DOWTY ROTOL (C)R321/4-82-F/8		106	4 V		76.7	-2.2	74.5	1
FAIRCHILD SA227-TT	12.50	AIRSEARCH TPE331-10U-503G	2	900	4173	4	DOWTY ROTOL (C)R324/4-82-F/9		106	4 V		77.4	-4.6	72.8	
FAIRCHILD SA227-TT	13.20	AIRSEARCH TPE331-10U-503G	2	900	4173	4	DOWTY ROTOL (C)R324/4-82-F/9		106	4 V		77.4	-4.1	73.3	1
FULL HEAVY IND. 700	6.75	LYCOMING T10-540-R2AD	2	340	2500	4	HARTZELL HC-E3YR-2ATF/FC846		79	3 V		80.8	-3.2	77.6	
FULL HEAVY IND. 710	8.30	LYCOMING T10-541-D1B	2	450	2133	4	HARTZELL HC-C3YN-2LDUF/FJC-		93	3		82.7	-3.3	79.4	
GRUMMAN G-44/SCAN 30	5.50	LYCOMING T10/LT10-540-J2BD	2				HARTZELL HC-C3YR-2UF/HC-C3Y		87	3 V		82.8	-3.2	79.6	
GULFSTREAM AMERICAN 112B	2.80	AVCO LYCOMING IO-360-C1D6	1	200	2700	3	HARTZELL HC-E2YR-1BF/F8467-7		77	2 V		75.1	-0.5	74.6	
GULFSTREAM AMERICAN 112TC	2.85	AVCO LYCOMING T0-360-C1A6	1	210	2575	4	HARTZELL HC-E2YR-1BF/F8467-7		77	2 V		76.1	-1.3	74.8	
GULFSTREAM AMERICAN 112TCA	2.95	AVCO LYCOMING T0-360-C1A6	1	210	2575	4	HARTZELL HC-E2YR-18F/F8467-7		77	2 V		76.1	-1.3	74.8	
GULFSTREAM AMERICAN 114	3.14	AVCO LYCOMING IO-540-T4A5D	1	260	2700	3	HARTZELL HC-C2YR-1BF/F8467-7		77	2 V		79.7	-1.2	78.5	
GULFSTREAM AMERICAN 114A	3.25	AVCO LYCOMING IO-540-T4B5D	1	260	2700	3	MCCAULEY B3D34C405/90DFA-13		77	3 V		79.7	-1.2	78.5	

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AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW MLW	ENGINE DATA					PROPELLER	DIAM	BLADES	NOISE LEVEL (dBA)			NOTES
MODEL	1000#	MFR.MODEL	NO.	SHIP	RPM	EXH	MFR.MODEL	(IN)	PITCH	MdBA	PC	CdBA	
GULFSTREAM AMERICAN 690	10.25	AIRESEARCH	2	700	1591	4	HARTZELL	106	3	76.4	-5.0	71.4	
	9.59	TPE331-5-251K					HC-B3TN-5FLLT10282		V				
GULFSTREAM AMERICAN 690A	10.25	AIRESEARCH	2	700	1591	4	HARTZELL	106	3	76.4	-5.0	71.4	
	9.59	TPE331-5-251K					HC-B3TN-5FLLT1028H		V				
GULFSTREAM AMERICAN 690B	10.32	AIRESEARCH	2	700	1591	4	HARTZELL	106	3	76.4	-5.0	71.4	
	9.68	TPE331-5-251K					HC-B3TN-5FLLT10282		V				
GULFSTREAM AMERICAN 690C	10.32	AIRESEARCH	2	700	1591	4	DOWTY ROTOL	106	3	76.4	-5.0	71.4	
	9.68	TPE331-5-254K					(C)R306/3-82-F/7(C)VP		V				
GULFSTREAM AMERICAN 690D	10.70	AIRESEARCH	2	737	2730	4	DOWTY ROTOL	106	3	76.4	-5.0	71.4	
	10.55	TPE331-5-254K					(C)R306/3-82-F/7(C)VP		V				
GULFSTREAM AMERICAN 695	10.32	AIRESEARCH	2	700	1591	4	DOWTY ROTOL	106	3	76.4	-5.0	71.4	
	9.68	TPE331-10-501K					(C)R306/3-82-F/7(C)VP		V				
GULFSTREAM AMERICAN 695A	11.20	AIRESEARCH	2	700	1591	4	DOWTY ROTOL	106	3	71.8	0.0	71.8	
	10.56	TPE331-10-501K					(C)R306/3-82-F/7(C)VP		V				
GULFSTREAM AMERICAN 700	6.95	AVCO LYCOMING	2	340	2500	4	HARTZELL	79	3	77.8	-2.4	75.4	
	6.59	T10-540-R2AD					HC-E3YR-2AFT/FC846		V				
GULFSTREAM AMERICAN AA-1B	1.54	LYCOMING	1	108	2600	7	MCCAULEY	71	2	66.3	0.6	66.9	
	1.54	0-235-C2C					SCM1A105/7157		F				
GULFSTREAM AMERICAN AA-1B	1.54	LYCOMING	1	108	2600	7	MCCAULEY	71	2	66.7	1.1	67.8	
	1.54	0-235-C2C					SCM1A105/7154		F				
GULFSTREAM AMERICAN AA-1C	1.57	LYCOMING	1	115	2700	7	SENSENICH	71	2	68.3	0.5	68.8	
	1.57	0-235-L2C					72CK-0-56		F				
GULFSTREAM AMERICAN GA-7	3.78	LYCOMING	2	160	2700		HARTZELL	73	2	74.2	-2.2	72.0	
	3.78	0-320-D1D					F2YL-2VFFC7663D-3		V				
JETSTREAM	15.21	GARRETT	2	940			DOWTY ROTOL	106	4	74.1	-2.4	71.7	1
JETSTREAM 31	14.55	TPE331-10UF/URS13H					R333/4-82-F/12		V				

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1090#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL			MdBA	PC	CdBA	
JETSTREAM	14.60	AIRESEARCH	2	900			DOWTY ROTOL	106	4	74.4	-3.5	70.9	1
JETSTREAM 31	14.60	TPE331-IOU-501H					R333/4-82-F/12		V				
JETSTREAM	16.20	GARRETT	2	1020	4173		DOWTY ROTOL	106	4	76.2	-3.2	73.0	
JETSTREAM 3201	15.60	TPE331-12UA(R)701H					R333/4-82-F/12		V				
MAULE	2.30	LYCOMING	1	175	2700	3	HARTZELL	76	2	72.3	0.0	72.3	
M-5-180C/-180TC	2.30	0-360-C1F					HC-C2YR-1BF/F7666A		V				
MAULE	2.30	LYCOMING	1	190	2600	3	HARTZELL	77	2	73.3	0.0	73.3	
M-5-200	2.30	IO-360-J1A6D					HC-E2YR-1BF/F8468A-		V				
MAULE	2.30	LYCOMING	1	210	2575		HARTZELL	74	2	74.6	-1.0	73.6	
M-5-210TC	2.30	IO-360-C1A-6D					HC-E2YR-1BF/F8467-7		V				
MAULE	2.75	LYCOMING	1	235	2400	3	HARTZELL	81	2	74.7	0.9	75.6	
M-5-235	2.75	0-540-J1A5D					HC-C2YR-1BF/F8468A-		V				
MAULE	2.30	LYCOMING	1	235	2400		HARTZELL	78	2	72.6	-5.0	67.6	
M-5-235C	2.30	0-540-J1A5D/-W1A5D					HC-C2YR-1BF/F8468A-		V				
MAULE	2.30	LYCOMING	1	175	2600	3	HARTZELL	76	2	70.9	0.9	71.8	
M-6-180	2.30	0-360-C1F					HC-C2YR-1BF/F7666A		V				
MAULE	2.30	LYCOMING	1	235	2400		HARTZELL	78	2	72.6	-5.0	67.6	
M-6-235	2.30	0-540-J1A5D/-W1A5D					HC-E2YR-1BF/F8468A-		V				
MAULE	2.50	LYCOMING	1	235			HARTZELL	81	2			71.3	
M-6-235	2.50	0-540-J1A5D					HC-C2YR-1BF/F8468A-		V				
MAULE	2.50	LYCOMING	1	235	2400	3	HARTZELL	78	2	72.6	-0.3	72.3	
M-7-235	2.50	0-540-J1A5D					HC-C2YR-1BF/F8468A-		V				
MAULE	2.50	LYCOMING	1	235	2400	3	HARTZELL	81	2	74.7	-2.5	72.2	
M-7-235	2.50	0-540-J1A5D					HC-C2YR-1BF/F8468A-		V				
MITSUBISHI	10.47	AIRESEARCH	2	665	4173	4	HARTZELL	98	4	77.4	-2.9	74.8	
MU-2B-40	9.96	TPE331-10-501					HC-B4TN-5DL/LT1028		V				

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APPENDIX 7AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHIP	RPM	EXH	MFR. MODEL			MdBA	PC	CdBA	
MITSUBISHI MU-2B-60	11.56	AIRESEARCH	2	715	4273	4	HARTZELL	98	4	77.7	-1.4	76.5	
	11.60	TPE331-10-501M					HC-B4TN-5DL/LT1028		V				
MOONEY M20J	2.74	LYCOMING	1	192	2700		MCCAULEY	74	2	75.3	-1.3	74.0	
	2.74	IO-360-A3B6D					B2D34C212/78CDA-4		V				
MOONEY M20L	2.90	PORSCHE				7	HARTZELL	74	3			76.6	
	2.92	PRM3200N03					BHC-J2YF-1C/B7421		V				
MOONEY AIRCRAFT M20K	2.90	TELEDYNE	1	210	2700	4	MCCAULEY	74	2	76.6	-1.1	75.4	
	2.90	TSIO-360-GB1					2A34C216/90DHB-16E		V				
PARTENAVIA P68-TC	4.38	AVCO LYCOMING	2				HARTZELL	76	2			75.4	
	4.38	TO-360-C1A60					HC-C2YK-2CUF		V				
PIPER PA-18-150	1.75	LYCOMING	1	150	2700	7	SENSENIH	74	2	69.0	-3.1	65.9	
	1.75	O-320-A2B					M74DM6-0-56		F				
PIPER PA-23-250	5.20	LYCOMING	2	250	2575	6	HARTZELL	77	2	76.8	-1.1	75.7	
	4.94	IO-540-C4B5					HC-E2YR-28465-7R		V				
PIPER PA-23T-250	5.20	LYCOMING	2	250	2575	4	HARTZELL	77	2	77.0	-0.8	76.2	
	4.94	TIO-540-C1A					HC-E2YR-28465-7R		V				
PIPER PA-28-161	2.33	LYCOMING	1	160	2700	5	SENSENIH	74	2	71.4	0.6	72.0	
	2.33	O-320-D3G					74DM6-0-60		F				
PIPER PA-28-181	2.55	LYCOMING	1	180	2700	5	SENSENIH	76	2	73.4	0.5	73.9	
	2.55	O-360-A4M					76EM8S5-062		F				
PIPER PA-28-236	3.00	LYCOMING	1	235	2400	5	HARTZELL	80	2	72.5	0.4	72.9	
	3.00	O-540-J3A5D					HC-F2YR-1F/F8468A-4		V				
PIPER PA-28R-200	2.65	LYCOMING	1	200	2700		SENSENIH	74	2	75.5	0.0	75.5	
	2.65	IO-360-CIC							V				
PIPER PA-28R-201T	2.90	LYCOMING	1	200	2575	2	HARTZELL	76	2	69.1	0.5	69.6	
	2.90	TSIO-360-FB					PHC-C3YF-1F/7663-2R		V				

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW MLW	ENGINE DATA					PROPELLER	DIAM	BLADES	NOISE LEVEL (dBA)			NOTES
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	
PIPER PA-28RT-201	2.75	LYCOMING	1	200	2700	5	MCCAULEY	74	2	74.4	1.1	75.5	
	2.75	I0-360-C1C6					B2D34213/90DHA-16		V				
PIPER PA-28RT-201T	2.90	CONTINENTAL	1	200	2575	2	HARTZELL	76	2	69.1	0.3	69.4	
	2.90	TSIO-360-F					BHC-C2YF-1F/F8459A-		V				
PIPER PA-28RT-201T	2.90	CONTINENTAL	1	200	2575	4	HARTZELL	76	3	72.5	0.3	72.8	
	2.90	TSIO-360F					PHC-C3YF-1F/F7663-2		V				
PIPER PA-31	6.50	LYCOMING	2	275	2400	4	HARTZELL	80	3	77.0	-1.6	75.4	
	6.50	TIO-540-2AC					HC-E3YR-2ATF FC846		V				
PIPER PA-31-325	6.50	LYCOMING	2	275	2400	4	HARTZELL	80	3	78.0	-1.1	76.9	
	6.50	TIO-540-F2BD					HC-E3YR-2ATF FC846		V				
PIPER PA-31-350	7.01	LYCOMING	2	315	2400	4	HARTZELL	80	3	78.0	0.9	78.9	
	7.01	TIO-540-J2BD					HC-E3YR-2ATF FC846		V				
PIPER PA-31P	7.80	PRATT&WHITNEY	2	620	3810	4	HARTZELL	93	3	76.5	-5.0	71.5	
	7.80	PT6A-135					HC-B3TN-3C/T10178-8		V				
PIPER PA-31T	9.00	PRATT&WHITNEY	2	620	3810	4	HARTZELL	93	3	79.2	-5.0	74.2	
	9.00	PT6A-28					HC-B3TN-3B/T-10173B		V				
PIPER PA-31T-62	8.97	PRATT&WHITNEY	2	620	3810	4	HARTZELL	93	3	78.2	-4.0	74.2	
	8.97	PT6A-28					HC-BTN-3B		V				
PIPER PA-31T1	8.70	PRATT&WHITNEY	2	455	3810	4	HARTZELL	93	3	76.6	-1.6	75.0	
	8.70	PT6A-11					HC-B3TN-3B/T-10173B		V				
PIPER PA-31T2	9.47	PRATT&WHITNEY	2	620	3810	4	HARTZELL	93	3	79.2	-2.1	77.1	
		PT6A-135					HC-B3TN-3B/T-10173B		V				
PIPER PA-31T3	9.00	PRATT&WHITNEY	2	455	3810	1	HARTZELL	93	3	76.6	-1.0	75.6	
		PT6A-11					HC-B3TN-3B/T-10173K		V				
PIPER PA-32-300	3.40	LYCOMING	1	300	2700		HARTZELL	80	2	80.5	-1.2	79.3	
	3.40	I0-540-K1A5					HC-C2YR-1()F/F8475D		V				

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APPENDIX 7AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA MFR. MODEL	ENGINE DATA				PROPELLER MFR. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
			NO.	SHF	RPM	EXH				MdBA	PC	CdBA	
PIPER	3.59	LYCOMING	1	300	2700	5	HARTZELL	78	3	78.1	-0.6	77.5	
PA-32-301	3.59	IO-540-K1G5					HC-C3YR-1()F/F7663R		V				
PIPER	3.59	LYCOMING	1	294	2600	5	HARTZELL	80	2	77.3	-0.6	76.7	
PA-32-301	3.59	IO-540-K1G5D					HC-C2YR-1()F/F8475D		V				
PIPER	3.59	LYCOMING	1	300	2700	4	HARTZELL	78	3	76.1	-1.3	74.8	
PA-32-301T	3.59	TIO-540-SIAD					HC-E3YR-1()F/F7673D		V				
PIPER	3.59	LYCOMING	1	294	2575	4	HARTZELL	80	2	75.7	-1.3	74.4	
PA-32-301T	3.59	TIO-540-SIAD					HC-E2YR-1()F/F8477-4		V				
PIPER	3.59	LYCOMING	1	300	2700	5	HARTZELL	78	3	78.1	0.3	78.4	
PA-32R-301	3.59	IO-540-K1G5D					HC-C3YR-1()F/F7663R		V				
PIPER	3.59	LYCOMING	1	294	2600	5	HARTZELL	80	2	77.3	0.3	77.6	
PA-32R-301	3.59	IO-540-K1G5D					HC-C2YR-1()F/F8475D		V				
PIPER	3.59	LYCOMING	1	294	2575	4	HARTZELL	80	2	75.7	0.4	76.1	
PA-32R-301T	3.59	TIO-540-SIAD					HC-E2YR-1()F/F8477-4		V				
PIPER	3.60	LYCOMING	1	300	2700		HARTZELL	80	2	75.4	0.0	75.4	
PA-32RT-300	3.60	IO-540-SIAD					HC-E2YR-1BF/F8477-4		V				
PIPER	4.57	LYCOMING	2	200	2575	4	HARTZELL	76	2	75.7	-2.2	73.5	
PA-34-200T	4.33	TS10-360-E					FC8459-8R/FJC8459-8R		V				
PIPER	4.57	TELEDYNE	2	200	2575	4	MCCAULEY	76	3	78.6	-2.2	76.4	
PA-34-200T	4.33	TS10-360-E/EB					80HA-4/L80HA-4		V				
PIPER	4.74	CONTINENTAL	2	200	2600	4	MCCAULEY	76	3	77.0	-2.8	74.2	
PA-34-220T	4.52	TSIO-360-KB					3AF32C50B/82NFA-6		V				
PIPER	4.74	CONTINENTAL	2	200	2600	4	HARTZELL	76	2	74.2	-2.8	71.4	
PA-34-220T	4.52	TSIO-360-KB					BHC-C2YF-2CKUF/FC		V				
PIPER	1.68	LYCOMING	1	112	2600	5	SENSENBACH	72	2	67.8	0.0	67.8	
PA-38-112	1.68	O-235-L2C					72CK-O-56		F				

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLACES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW MLW	ENGINE DATA					PROPELLER	DIAM (IN)	BLADES	NOISE LEVEL (dBA)			NOTES
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL		PITCH	MdBA	PC	CdBA	
PIPER PA-42	11.20 10.23	PRATT+WHITNEY PT6A-41	2	720	2000	4	HARTZELL HC-B3TN-3B/T10173A	95	3 V	80.3	-3.5	76.8	
PIPER PA-42-1000	12.05 11.10	GARRETT TPE331-14A-801Y	2	1000	1540	4	DOWTY ROTOL R339/4-123-F/8RH R341	106	4 V	75.1	-5.0	70.1	
PIPER PA-44-180	3.79 3.79	LYCOMING O-360-E1D	2	180	2700	2	HARTZELL HC-C3YR-2EUF/FC-766	73	3 V	77.2	-2.5	74.7	
PIPER PA-44-180T	3.92 3.79	LYCOMING TO-360-E1A6D	2	180	2575	4	HARTZELL HC-C3YR-2EUF FC-766	73	3 V	74.7	-2.3	72.4	
PIPER PA-44-180T	3.92 3.79	LYCOMING TO-360-E1A6D	2	180	2575	4	HARTZELL HC-C2YR-2CUF FC766	74	2 V	73.8	-2.3	71.5	
PIPER PA-46-310P	3.90	CONTINENTAL TSIO-520-BE		310	2600	4	HARTZELL BHC-C2YF-1BF/F8052	80	2 V	74.5	0.0	74.5	
PIPER PA-60-700P	6.32	LYCOMING TIO-540-U2A	2	350	2500	4	HARTZELL HC-C3YR-2UF/FC7451	76	3 V	80.8	-1.9	78.9	
PIPER PA-600A	5.49 5.49	LYCOMING IO-540-K1J5	2	284	2520		HARTZELL HC-C3YR-2UF FG-8486	78	3 V	82.4	-2.4	80.0	
PIPER PA-601P	5.97 5.97	LYCOMING IO-540-S1A5/-P1A5	2	290	2575		HARTZELL HC-C3YR-2/C8468-8R	78	2 V	81.5	-1.7	79.8	
PIPER PA-602P	6.00 6.00	LYCOMING IO-540-AA1A5	2	290	2425	4	HARTZELL HC-3YR-2UF/FC8468-8	78	3 V	81.9	-2.6	79.3	
SIAI MARCHETTI F-260C	2.43 2.43	AVCO LYCOMING AEIO-540-D4A5	1				HARTZELL HC-C2YK-1BF	76	 V			73.2	
SIAI MARCHETTI SF 600	7.50 7.50	ALLISON 250-B17C	2				HARTZELL HC-B3TF-7A/T10173-1	90	3 V			74.3	
SIAI MARCHETTI SF260	2.55 2.55	ALLISON 250-B17D		320		4	HARTZELL HC-B3TF-7A	76	3	77.0	-5.0	72.0	

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APPENDIX 7AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW MLW	ENGINE DATA					PROPELLER	DIAM	BLADES	NOISE LEVEL (dBA)			NOTES
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	
SOCATA	2.53	LYCOMING	1	180	2700		HARTZELL	74	2			70.7	
TB 10	2.40	O-360-A1-AD					HC-C2YK-IBF/F 7666A		V				
SOCATA	3.08	LYCOMING	1	250	2575		HARTZELL	80	2			74.0	
TB 20	2.94	IO-540-C4D5D					HC-C2YK-IBF/F 8477-4		V				
SOCATA	3.08	LYCOMING	1	310	2575		HARTZELL	80	2			75.4	
TB 21	2.94	IO-540-AB1AD					HC-C2YK-IBF/F 8477-4		V				
SOCATA	2.33	LYCOMING	1	160	2700		SENSENICH	74	2			72.2	
TB 9	2.33	O-320-D2A					74 DM 658-O-54		F				
TAYLORCRAFT	1.20	AVCO LYCOMING	1	118	2500	3	HENDRICKSON	71	2	72.6	-5.0	67.6	
BC-12D	1.20	IO-360-E2A					H73-A50		F				
TAYLORCRAFT	1.50	CONTINENTAL	1	100	2750	5	MCCAULEY	69	2	69.1	-0.7	68.4	
F-19	1.50	O-200-A					1A105/SCM6950		F				
TAYLORCRAFT	1.50	LYCOMING	1	112	2600	5	SENSENICH	71	2	69.0	-0.2	68.8	
F-21	1.50	O-235-L2C					72CK-0-50		F				
TRIDENT	3.80	TELEDYNE	1	232	4000	7	HARTZELL	84	3	78.2	-1.0	77.2	
TR-1	3.80	TIARA 6-285-C4					HC-HBYF-3LF/FL-C968		V				

Appendix 7 Notes

- 1 Maximum Takeoff Weight Greater Than 12,500 lb. - Aircraft Certificated To FAR Part 41 Or FAR Part 23 Commuter Category

Exhaust Configurations (Reciprocating Engines)

- 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

**EQUATIONS FOR THE CALCULATION OF NOISE CERTIFICATION
LIMITS FOR PROPELLER DRIVEN SMALL AIRPLANES AND COMMUTER CATEGORY AIRPLANES**

**14 CFR PART 36, APPENDIX F
NOISE LIMIT (dBA)**

Up To And Including 1,320 lb.

68 dB(A)

Over 1,320 lb. Up To And Including 3,300 lb.

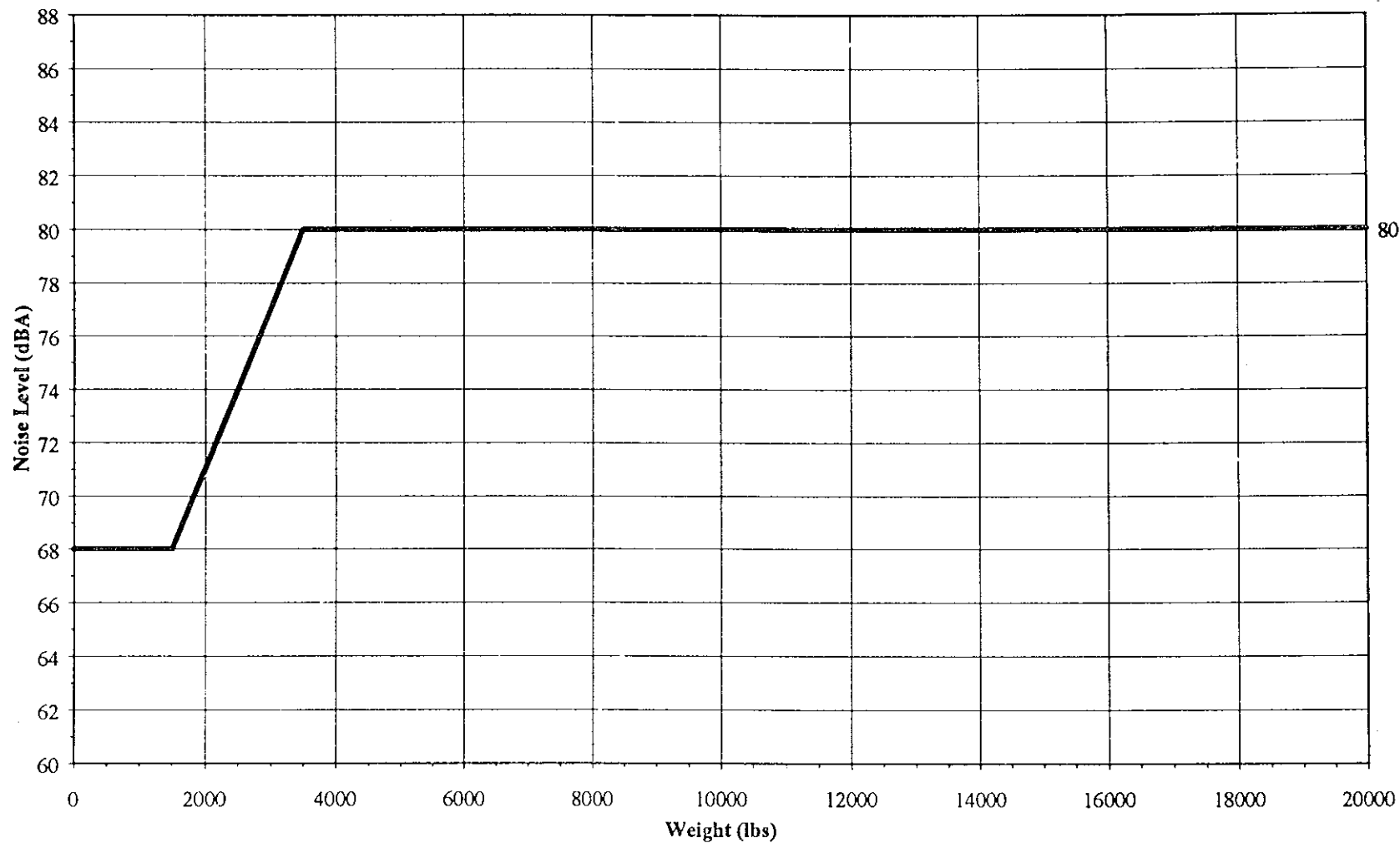
$68 + \left(\frac{W - 1320}{165} \right) \text{ dB(A)}$

Over 3,300 lb.

80 dB(A)

W = Takeoff Gross Weight In Pounds

NOISE CERTIFICATION REQUIREMENTS - FAR PART 36, APPENDIX F
PROPELLER DRIVEN SMALL AIRPLANES AND COMMUTER CATEGORY AIRPLANES



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APPENDIX 8AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX G)

MANUFACTURER	MTOW MLW	ENGINE DATA				PROPELLER		DIAM	BLADES	NOISE LEVEL (dBA)	NOTES
MODEL	1000#	MFR. MODEL	NO.	SHp	RPM	MFR. MODEL		(IN)	PITCH		
AGUSTA SpA	2.60	LYCOMING	1	260	2700	HARTZELL		76	2	79.3	
F260 E	2.60	AEIO-540-D/E4A5				HC-C2YK-4F/FC8477-8R			V		
CESSNA	2.95	CONTINENTAL TCM	1			HARTZELL		80	3	77.8	
182Q w/BONAIRE STC# SA0121	2.95	IO-550D				PHC-G3YF-1RF/F8468			V		
CESSNA	8.00	PRATT & WHITNEY	1	600		MCCAULEY		106	3	81.6	
208/208A	8.00	PT6A-114				3GFR34C703-X/X-106GA-C			V		
CESSNA	8.75	PRATT & WHITNEY	1	600		MCCAULEY		106	3	84.2	
208B	8.75	PT6A-114				3GFR34C703-X/X-106GA-C			V		
CESSNA	8.75	PRATT & WHITNEY	1	675		HARTZELL		100	3	80.1	
208B	8.75	PT6A-114A				HCBM3N3/M10083			V		
CESSNA	8.75	PRATT & WHITNEY	1	675		MCCAULEY		106	3	82.7	
208B	8.75	PT6A-114A				3GFR34C703-X/X-106GA-C			V		
CESSNA	3.80	CONTINENTAL TCM	1			MCCAULEY		80	3	82.0	
TU206G(WIPAIRE)		TSIO-520M				D3A34C402/90DFA-10			V		
CESSNA	3.80	CONTINENTAL TCM	1			MCCAULEY		80	3	84.3	
U206F(WIPAIRE)	3.80	IO-550-F				D3A34C402/90DFA-10			V		
CESSNA	3.80	CONTINENTAL TCM	1			MCCAULEY		80	3	84.3	
U206G(WIPAIRE)	3.80	IO-550-F				D3A34C402/90DFA-10			V		
DATWYLER (MDC)	2.02	LYCOMING	1			MCCAULEY		74	2	67.9	
MD3-160(MUFFLED EXHAUST)	2.02	0-320-D2A				1C172/AGM7462			F		
DATWYLER (MDC)	2.02	LYCOMING	1			MCCAULEY		74	2	71.7	
MD3-160(STNDRD EXHAUST)	2.02	0-320-D2A				1C172/AGM7462			F		
DORNIER	10.14	PRATT & WHITNEY	2			MCCAULEY		94.5	4	78.5	
SEASTAR CD 2	9.92	PT6A-135A				4HFR34C760/4HFR34C761			V		
FAIRCHILD	16.50	ALLIEDSIGNAL	2			MCCAULEY		106	4	80.4	
SA227-CC	15.67	TPE 331-11U-612G				4HFR34C652(X)(X)L106LA-0			V		

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX G)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA			PROPELLER		DIAM	BLADES	NOISE LEVEL (dBA)	NOTES
		MFR. MODEL	NO.	SHp	RPM	MFR. MODEL	(IN)	PITCH		
FAIRCHILD SA227-DC	16.50 15.70	ALLIED SIGNAL	2			MCCAULEY 4HFR34C652X/X-L106LA-O	106	4 V	81.3	
FFA AS202/18A4	2.40 2.30	LYCOMING AEIO-360-B1F	1			HARTZELL HC-C2YK-1BF	74	2 V	77.1	
GENERAL AVIA F22	1.67 1.67	LYCOMING O-235-N2C	1	101		MT 180R 120-2C		F	76.9	
GYROFLUG-INGENIEUR SC 01 B-160	1.57 1.57	LYCOMING O-320 D1A	1	153	2500	MT-PROPELLER MTV-6-C/LD 152-07	60.3	3 V	72.0	
KINGS ENGINEERING 44	5.80 5.80	LYCOMING IO-540-M1A5	2			HARTZELL HC-E3YR-2ALTF/FLC-7468	76	3 V	84.2	
MOONEY M20M	3.40 3.40	LYCOMING TIO-540-AF1A	1	270	2575	MCCAULEY B3D32C417/G82NRd07	75	2 V	74.0	
PARTENAVIA P68 OBSERVER 2	4.60 4.40	LYCOMING IO360 A1B6	2			HARTZELL HC-C2YK-2F/F07666A-4	72	2 V	78.2	
PIAGGIO P 180	10.80 10.80	PRATT & WHITNEY PT6A-66	2			HARTZELL M8218X9/LM8218X9	85	5 V	81.9	
PIAGGIO P180	11.60 11.60	PRATT & WHITNEY PT6A-66	2			HARTZELL HC-E5N-3/HE8218	85	5 V	81.8	
PILATUS BRITTEN BN-2T-4R	8.50 8.50	ALLISON 250-B17F/1	2			HARTZELL HC-C3YF-5F/FC7818K	80	3 V	76.0	
PILATUS FLUG. AG PC-6/B2-H4	6.20 6.20	PRATT & WHITNEY PT6A-27	1			HARTZELL HC-B3TN-3	103	3 V	79.4	
PZL WARZAW PZL KOLIBER 150A	1.90 1.90	LYCOMING O-320-EZA	1			SENSENICH 74DM6-0-58	74.3	2 F	72.3	
PZL WARZAW PZL KOLIBER 150A	1.90 1.90	LYCOMING O-320-EZA	1			SENSENICH 74DM6-0-54	74.3	2 F	73.8	

**EQUATIONS FOR THE CALCULATION OF NOISE CERTIFICATION
LIMITS FOR PROPELLER DRIVEN SMALL AIRPLANES AND COMMUTER CATEGORY AIRPLANES**

**14 CFR PART 36, APPENDIX G
NOISE LIMIT (dBA)**

Up To And Including 1,320 lb.

73 db(A)

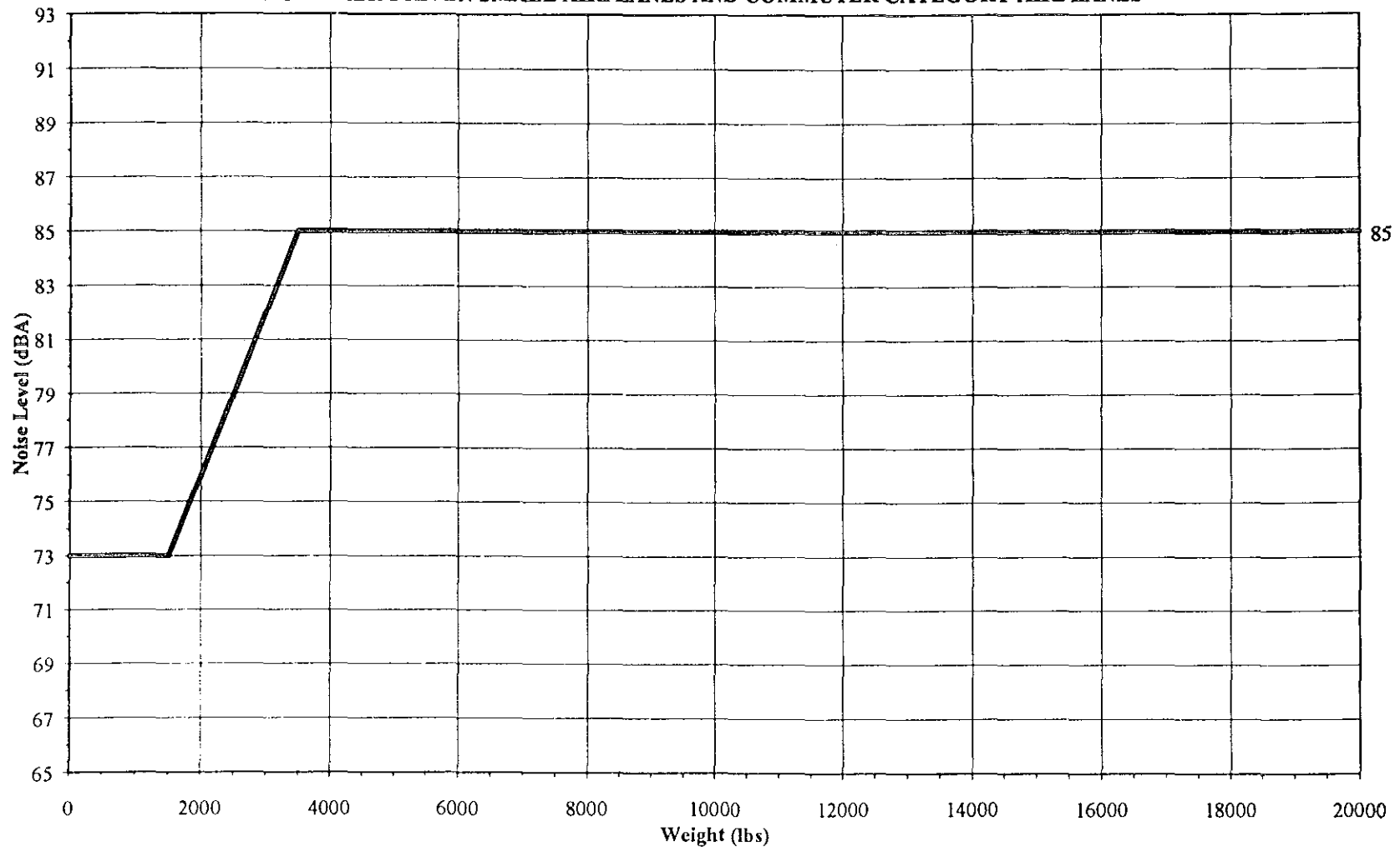
Over 1,320 lb. To 3,300 lb.

$73 + \left(\frac{W - 1320}{165} \right) \text{ db(A)}$

Over 3,300 lb.

85 db(A)

NOISE CERTIFICATION REQUIREMENTS - FAR PART 36, APPENDIX G
PROPELLER DRIVEN SMALL AIRPLANES AND COMMUTER CATEGORY AIRPLANES



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APPENDIX 9AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(ICAO ANNEX 16, CHAPTER 6)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHP	RPM	EXH	MFG. MODEL			MDBA	PC	CDBA	
A. SCHLEICHER ASK 16	1.65	LIMBACH L2000-EB-1	1	74			HOFFMANN HO-V62R/LT160T	63	2 V	60.0	-1.3	58.7	
AIRCONCEPT VOWI-10	0.73	LIMBACH SL-1700-EA	1	59			HOFFMANN HO-11-150B65L	59	2 F	64.1	-1.3	62.8	
AKA-FLIEG STUTTGART FS-28	1.98	LYCOMING IO-360-B17	1	181			HOFFMANN HO-V-132K-X/LD210	78	2 V	72.1	-1.4	70.6	
ALPLA-WERKE AVO-68S	1.50	LIMBACH SL-1700-EI	1	59			HOFFMANN HO-11-150B75L	59	2 F	62.8	1.8	64.6	
ALPLA-WERKE AVO-68S	1.51	LIMBACH SL-1700-EI	1	59			HOFFMANN HO-11-150B-75L	59	2 F	64.1	1.8	65.9	
BEECH B76	3.98	LYCOMING O-360-A1G6D	2	165	2700	1	HARTZELL HC-M2YR-2CLUF/FC76	76	2 V	79.5	-2.3	77.2	
BEECH (EXCALIBUR) 65-B80	8.80 8.80	LYCOMING IO-720-A1B	2		2400		HARTZELL HC-A3VK-2/V8433N-2R		3 V	77.0	-0.7	76.3	
BUCKER (UMBAU) BU 131	1.48	LYCOMING AIO-320-C1B	1	153			HOFFMANN HO-23 A-188 125	74	2 F	69.6	-6.2	64.6	
CASA 1.131E S2000	1.59	LYCOMING AEIO-360-B2F	1	170			HOFFMANN HO-27 HM-198B	78	2 F	71.4	-5.0	66.4	
CASA 1.131E S2000	1.59	ENHASA TIGRE G-IV-B	1	118			ENHASA HC 212.111	83	2 F	67.0		67.0	
CASA SPANIER 1.131-E	1.59	TIGER ENHASA G-IV-A2	1	99			ENHASA HC-212-111	83	2 F	71.4	-1.8	69.6	
DEHAVILLAND DH6-300	12.57 12.35	PRATT+WHITNEY PT6A-27	2	620	2112		HARTZELL HC-B3TN-3D	102	3 V	82.3	-4.9	77.4	
DORNIER 228-101	13.15	GARRETT TPE331-5-252D	2				HARTZELL HC-B4TN-5ML/LT10574	107	4			75.3	

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(ICAO ANNEX 16, CHAPTER 6)

MANUFACTURER	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM	BLADES	NOISE LEVEL (dBA)			NOTES
MODEL		MFR. MODEL	NO.	SHP	RPM	EXH	MFG. MODEL	(IN)	PITCH	MDBA	PC	CDBA	
DORNIER 228-201	13.15	GARRETT TPE331-5-252D	2				HARTZELL HC-B4TN-5ML/LT10574	107	4			75.3	
DORNIER DO-28-D	9.59	PRATT+WHITNEY PT-6A-110	2	399			HARTZELL HC-B-3TN-3D	100	3 V	70.8	-5.0	65.8	
FOKKER P-149D	2.61	AVCO LYCOMING GO-480-B1A6	1	260			HARTZELL HC-A3V20-1D/V8433SP	85	3 V	68.8	-0.1	68.7	
FUJI HEAVY IND. FA-200-180	2.54	LYCOMING IO-360-B1B	1	180			MCCAULY B2D34-C53/74E-O	74	2 V	73.1	0.5	73.6	
GREAT LAKES AIRCRAFT 2T-1A-2	1.80	LYCOMING AEIO-360-B1G6	1	177			HARTZELL HC-C2YK-4BF	74	2 V	74.4	-5.0	69.4	
GULFSTREAM AMERICAN AA-1A	1.52	LYCOMING O-235-C2C	1	108	2500		MC CAULEY SCM1A105/7154	71	2 F	68.3	0.3	68.6	
GULFSTREAM AMERICAN AA-5A	2.20	LYCOMING O-320-E2G	1	150	2680		MC CAULEY IC172/BTM7359	73	2 F	73.3	-0.6	72.7	
LEICHTFLUG-TECHNIK LFU-205	2.65	LYCOMING IO-360-A1C	1	197			HARTZELL HC-C2YK-1B/F7666A-2	74	2 V	72.9	0.1	73.0	
LET KONVICE BLANIK-L-13M	1.28	VK VW 1500-FR	1	50			HOFFMANN HO-11-130B-100D	51	2 F	59.5		59.5	
MBB BO-208	1.39	CONTINENTAL O-200-A	1	69			MCCAULY 1A-100MCM-6950	69	2 F	66.9		66.9	
MBB BO-208	1.39	CONTINENTAL O-200-A	1	99			MCCAULY 1A-100MCM-6955	69	2 F	67.3		67.3	
MBB BO-208	1.39	CONTINENTAL O-200-A	1	99			MCCAULY 1A-100MCM-6758	67	2 F	67.5	-1.0	66.5	
MBB BO-209	1.81	LYCOMING O-320-E1F	1	147			HARTZELL HC-C2YL-1B/7663A-6	76	2 V	70.7	-1.6	69.1	

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APPENDIX 9AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(ICAO ANNEX 16, CHAPTER 6)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHF	RPM	EXH	MFG. MODEL			MDBA	PC	CDBA	
MBB BO-209	1.81	LYCOMING IO-320-D1A	1	157			HARTZELL HC-C2YL-1B/7663-SP	76	2 V	70.8	-3.2	67.6	
MBB BO-209-FF	1.81	LYCOMING O-320-E2F	1	147			MCCAULY 1C-172MGM70-5-66	70	2 F	70.6	-0.9	69.7	
MBB SIAT 223	2.31	LYCOMING IO-360-C1D6	1	197			HARTZELL HC-C2YK-1BF	76	2 V	72.8		72.8	
MORANE SAULNIER MS-885	1.87	CONTINENTAL O-300-A	1	145			MCCAULY 1C-172MDM-7652	76	2 F	71.3	-0.3	70.3	
MORAVAN CSSR ZLIN 43	2.98	MORAVAN M337A	1	168			AVIA-PRAHA VS00A	79	2 V	71.7	1.4	73.1	
MUDRY CAARP CAP 10	1.83	LYCOMING IO 360 B2F	1	241	2700		HOFFMANN MO 29 HM 80170	71	2 F	67.0		67.0	
PARTENAVIA P 68 B	4.32	LYCOMING IO-360-A1B6	2	200	2700		HARTZELL HC-C2YK-2CF/FC7666A	72	2 V	79.6	-5.0	74.6	
PILATUS BRITTEN BN 2A-2	6.31	LYCOMING IO-540-K1B5	2	300	2500	4	HARTZELL HC-C2YK-2CF/FC8477A	80	2 V	80.7	-5.0	75.7	
PILATUS BRITTEN BN-2A MKIII-2	9.50	LYCOMING O-540-E4C5	3	260	2500	6	HARTZELL HC-C2YK-CUF/FC8477A	78	2 V	79.4	-2.0	77.4	
PILATUS BRITTEN BN-2A MKIII-2	9.50	LYCOMING O-540-E4C5	3	260	2500	6	HARTZELL HC-2CYK-2CUF/FC8477	80	2 V	80.0	-2.0	78.0	
PILATUS BRITTEN BN-2A MKIII-3	10.01	LYCOMING O-540-E4C5	3	260	2500	6	HARTZELL HC-C2YK-2CUF/FC8477	78	2 V	79.4	-0.9	78.5	
PILATUS BRITTEN BN-2A MKIII-3	10.01	LYCOMING O-540-E4C5	3	260	2500	6	HARTZELL HC-C2YK-2CUF/FC8477	80	2 V	80.0	-0.9	79.1	
PILATUS BRITTEN BN-2A-2	6.31	LYCOMING IO-540-K1B5	2	300	2500	4	HARTZELL HC-C2YK-2CF/FC8477A	78	2 V	77.9	-5.0	72.9	

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(ICAO ANNEX 16, CHAPTER 6)

MANUFACTURER	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM	BLADES	NOISE LEVEL (dBA)			NOTES
MODEL		MFR. MODEL	NO.	SHIP	RPM	EXH	MFG. MODEL	(IN)	PITCH	MDBA	PC	CDBA	
PILATUS BRITTEN BN-2A-21	6.59	LYCOMING IO-540-K1B5	2	300	2500	4	HARTZELL HC-C2YK-2CF/FC8477A	80	2 V	80.7	-4.0	76.7	
PILATUS BRITTEN BN-2A-21	6.59	LYCOMING IO-540-K1B5	2	300	2500	4	HARTZELL HC-C2YK-2CF/FC8477-6	78	2 V	77.9	-4.0	73.9	
PILATUS BRITTEN BN-2A-6	6.30	LYCOMING O-540-E4C5	2	256			HARTZELL HC-C2YK-2CF/FC8477A	79	2 V	82.3	-3.7	78.6	
PILATUS BRITTEN BN-2T	6.59	ALLISON 250-B17C	2	320		4	HARTZELL HC-C3YF-5F/FC8475FK-	80	3 V	72.3	-4.1	68.2	
PILATUS-PORTER PC-6C1-H2/PC-6T	4.85	AIRESEARCH TPE331-1-100	1	576			HARTZELL HC-B3TN-5C/T10178C/-	102	3 V	74.6	-5.0	69.6	
PIPER PA-28-150	2.16	LYCOMING O-320-E2A	1		2700		SENSENICH M74-DM-58	74	2 F	70.6	0.9	71.5	
POLISH PZL-104	2.87 2.87	PZL-FRANKLIN AI-14R	2	260	2050	2	US 122	104	2 V	72.3	-3.8	68.5	
POLISH PZL-104 W/ T-05	2.87 2.87	PZL-FRANKLIN AI-14R	2	260	2050	5	US 122	104	2 V	65.4	-3.8	61.6	
POLISH PZL-110	1.70 1.70	PZL-FRANKLIN 4A.235 B	2	125	2050	2	US 135	70	2 F	67.0	2.8	69.8	
REIMS AVIATION F 152 II	1.68	LYCOMING C235 L2C	1	109	2550		MCCAULEY 1A 103/TCM 6958	69	2 F	65.7	-1.0	64.7	
REIMS AVIATION F 172 M	2.29	LYCOMING C 320 E2D	1	150	2700		MCCAULEY 1C 16/DTM 7557	75	2 F	72.7	1.2	73.9	
REIMS AVIATION F 172 N	2.29	LYCOMING C 320 H2AD	1	160	2700		MCCAULEY 1C 160/DTM 7557	75	2 F	73.4	-0.1	73.3	
REIMS AVIATION F 182 P	2.95	CONTINENTAL O 470 S	1	230	2600		MCCAULEY 2A 34C 66	82	2 V	77.4	-1.4	76.0	

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APPENDIX 9AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
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MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)			NOTES
		MFR. MODEL	NO.	SHP	RPM	EXH	MFG. MODEL			MDBA	PC	CDBA	
REIMS AVIATION F 182 Q	2.95	CONTINENTAL	1	230	2400		MCCAULEY	82	2	72.1	-2.4	69.7	
	2.95	0470 U					2A 34C 204		V				
REIMS AVIATION FR 172K	2.56	CONTINENTAL	1	195	2600		MCCAULEY	77	2	73.2	-1.1	72.1	
		10 360 K					2A 34C 203		V				
REIMS AVIATION FR 182	3.09	LYCOMING	1	235	2400		MCCAULEY	82	2	73.1	-2.5	70.6	
		0540J3CSD					B2D 34C 214		V				
ROBIN DR 400/120A	1.98	LYCOMING	1	118	2700		MCCAULEY	71	2	68.2	2.4	70.6	
	1.98	0 235 L2A					1A 135 DCM 7150		F				
ROBIN DR 400/160	2.31	LYCOMING	1	160	2700		SENSENICH	74	2	72.9	0.3	73.2	
	2.31	0 320 D					74 DM 65264		F				
ROBIN DR 400/180	2.43	LYCOMING	1	180	2600		SENSENICH	76	2	72.2	0.9	73.1	
	2.43	0 360 A 3A					76EM855-064		F				
ROBIN DR 400/180R	2.20	LYCOMING	1	180	2700		SENSENICH	76	2	74.1	-2.5	71.6	
	2.20	0-360 A3A					76 EM 855058		F				
ROBIN DR400/120	1.98	LYCOMING	1	116	2700		SENSENICH	72	2	69.6	2.0	71.6	
	1.98	0 235-L2A					72 CKS-6-056		F				
ROBIN HR 100-285	3.09	CONTINENTAL	1	285	4000		HOFFMANN	79	3	74.2	-1.3	72.9	
	3.09	TIARA 6 285 B					2000TR/MN		V				
ROBIN R 2112	1.76	LYCOMING	1	112	2600		SENSENICH	72	2	67.3	0.2	67.5	
	1.76	0 235 L2A					72 CK 56-056		F				
ROBIN R 2160	1.76	LYCOMING	1	160	2600		SENSENICH	72	2	72.4	-2.6	69.8	
	1.76	0 320 D					74DM65 5264		F				
SAAB FAIRCHILD MFI-15-200A	4.41	LYCOMING	1	197			HARTZELL	74	2	73.8	0.7	74.5	
		IO-360-A1B6					HC-2CYK-4BF		V				
SCHEIBE FLUGZEUGBAU SF-25C	1.34	LIMBACH	1	48			HOFFMANN	59	2	58.3	-1.0	57.3	
		SL-1700-EA					HO-11-150B-75L		F				

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
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MANUFACTURER	MTOW MLW 1000#	ENGINE DATA				PROPELLER		DJAM (IN)	BLADES	NOISE LEVEL (dBA)			NOTES
MODEL		MFR. MODEL	NO.	SHP	RPM	EXH	MFG. MODEL		PITCH	MDBA	PC	CDBA	
SCHEIBE FLUGZEUGBAU SF-27 M-B	0.85	HIRTH-MOT.BAU 171R-4E	1	28			HOFFMANN HO-02-120-50	47	2 F	67.7	0.2	67.9	
SCHEMPP-HIRTH CM	1.50	BINDER MOT.BAU WB-2	1	52			HOFFMANN HO-11 158B-70	62	2 F	65.2	1.4	66.6	
SCHEMPP-HIRTH NIMBUS-2M	1.32	SCHEMPP-HIRTH SM-1 (O-2#280R)	1	50			HOFFMANN HO-11 145-B80	57	2 F	63.6	1.8	65.4	
SHORT BROS. SKYVAN	12.57	AIRESEARCH TPE-331-2-201A	2	715			HARTZELL HC-B3TN-SE/T10282HB	98	3 V	81.9	-4.7	77.2	
SLINGSBY ENGINEERING T 67A	1.65	LYCOMING O-235-L2A	1	118	2800	2	HOFFMAN HO14-178-120	70	2 F	70.9	-2.3	68.6	
SOC. AERONAUT. JODEL D 140B	2.65	LYCOMING O-360-A2A	1	177			SENENICH 76EM8-0-60	76	2 F	74.0	0.2	74.2	
SOCATA 110 ST	1.70	LYCOMING O-235L-2A	1	110	2600		MCCAULEY 1A 103TCM 6958	69	2 F	67.6	1.0	68.6	
SOCATA 150 SV	1.98	LYCOMING O 326 D2A	1	160	2700		SENENICH M 74 DM 61	74	2 F	73.8	-2.2	71.6	
SOCATA 180 T	2.09 2.09	LYCOMING O 360 A3A	1	180	2700		SENENICH 76 EM8 060	76	2 F	73.1	-0.8	72.3	
SOCATA 235 E	2.65 2.65	LYCOMING O 540 B4B5	1	235	2575		HARTZELL HCC2 YK184684	80	2 V	74.3	-0.7	73.6	
SOCATA 880 B	1.70 1.70	ROLLS ROYCE O 200 A	1	100	2750		MCCAULEY 1A 101 DCM/6948	67	2 F	68.8		68.8	
SOCATA 893 E	2.31 2.31	LYCOMING O 360 A3A	1	185	2700		HOFFMANN HO 27 HM/186 135	73	2 F	71.3		71.3	
SOCATA TB 10	2.29	LYCOMING O-360-A1AD	1	180	2700		HARTZELL HC-C2YK-1BF-F7666-A2	74	2 V	72.4	-0.9	71.5	

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APPENDIX 9AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
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MANUFACTURER	MTOW MLW	ENGINE DATA				PROPELLER		DIAM	BLADES	NOISE LEVEL (dBA)			NOTES
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFG. MODEL	(IN)	PITCH	MDBA	PC	CDBA	
SOCATA TB 9	2.34	LYCOMING O 320 D2A	1	160	2700		SENSENIH 74 DM6 61	74	2 F	71.2	1.3	72.5	
SPORTAVIA PUTZ. ELSTER B	1.54	CONTINENTAL C90-12F	1	88			HOFFMANN HO-14-183 100	72	2 F	66.0		66.0	
SPORTAVIA PUTZ. RF-5	1.43	LIMBACH L2100-EIX	1	71			HOFFMANN HO-VR/L-150A	59	2 V	63.4	-1.3	62.1	
SPORTAVIA PUTZ. RF6-B	1.98	LYCOMING O-320-A1B	1	150			HOFFMANN HO-23 178-145	70	2 F	71.2	-1.1	70.1	
SPORTAVIA PUTZ. RS-180	2.43	LYCOMING O-360-A3A	1	180			HOFFMANN HO-27-HM-180138	70	2 F	66.8	-0.9	65.9	
SPORTAVIA PUTZ. RS-180	2.45	LYCOMING O-360-A3A	1	180			MCCAULY 1A170/FFA7563	75	2 F	73.8		73.8	
WASSMER WA 80	1.76	ROLLS ROYCE O 200 A	1	134	2700		HOFFMANN HO 14.175.113	69	2 F	68.3		68.3	
ZAKLADY SZCYBOWCOWE SZD 45	1.54	LIMBACH SL-1700-EC	1	59			HOFFMANN HO-11-145 B75D	57	2 F	68.9	0.3	69.2	

Exhaust Configurations (Reciprocating Engines)

- 1 Stub Pipes
- 2 Small Collector, Short Exhaust Pipe
- 3 Turbine Or Turbocharger
- 4 Collector Wraparound Manifold Straight Pipe
- 5 Manifold Muffler

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APPENDIX 10AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED HELICOPTERS
(14 CFR PART 36, APPENDIX H)

MANUFACTURER MODEL	MGW MLW 1000#	ENGINE DATA		MAIN ROTOR			TAIL ROTOR			NOISE LEVEL (EPNdB)				
		MFR. MODEL	NO.	MFR. MODEL	BLADES	DIA(FT.)	MFR. MODEL	BLADES	DIA(FT.)	EO	TO	AP	STAGE	NOTES
AGUSTA A109K2	6.28 6.28	TURBOMECA ARRIEL 1K1	2		4	36.1		2	6.6	89.1	91.7	91.1	2	
BELL HELI TEXTRON 206L-4	4.45 4.45	ALLISON 250-C30P	1	BELL HELI TEXT 206-015-001-107	2	37.0	BELL HELI TEXT 206-016-201-127	2	5.4	85.2	88.4	90.7	2	
BELL HELI TEXTRON 230 FXD SKD GR	8.40 8.40	ALLISON 250-C30G/2	2	BELL HELI TEXT 222-018-501-101	2	42.0	BELL HELI TEXT 222-016-001-107	2	6.8	90.5	89.1	94.2	2	
BELL HELI TEXTRON 230 RTR WHL GR	8.40 8.40	ALLISON 250-C30G/2	2	BELL HELI TEXT 222-018-501-101	2	42.0	BELL HELI TEXT 222-016-001-107	2	6.8	90.8	89.1	94.2	2	
BELL HELI TEXTRON 412 HP	11.90 11.90	PRATT & WHITNEY PT5T-3E	2	BELL HELI TEXT 412-015-300-109	4	46.0	BELL HELI TEXT 212-010-750-105	2	8.6	93.4	92.8	95.6	2	
BELL HELI TEXTRON 412 SP	11.90 11.90	PRATT & WHITNEY PT6T-3B	2	BELL HELI TEXT 412-015-300-109	4	46.0	BELL HELI TEXT 212-010-750-105	2	8.6	93.4	93.2	95.6	2	
BELL HELI TEXTRON 412EP	11.90 11.90	PRATT & WHITNEY PT6T-3D	2	BELL HELI TEXT 412-015-300-109	4	46.0	BELL HELI TEXT 212-010-750-105	2	8.6	93.4	92.8	95.6	2	
BELL HELI TEXTRON 430	9.00 9.00	ALLISON 250-C40B	2	BELL HELI TEXT 430-015-001-101	4	42.0	BELL HELI TEXT 222-016-001-111	2	6.9	91.6	92.4	93.8	2	
BOEING MD 520N	3.35 3.35	ALLISON 250-C20R/2	1	MCDONNELL DOUG 369D21102-503	5	27.4	MCDONNELL DOUG NOTAR			80.2	85.4	87.9	2	
EHI EH 101/300/500	31.50 31.50	GE CT7-6A	3		5	61.0		4	13.1	93.1	97.6	99.5	2	
EUROCOPTER AS 332L2	20.20 20.20	TURBOMECA MAKILA 1A2	2		4	53.1		4	10.4	93.2	94.2	96.5	2	
EUROCOPTER AS 350 B2	4.96	TURBOMECA ARRIEL 1D1	1	AEROSPATIALE 355A31.0001	3	35.1	AEROSPATIALE 355A12.0031 OR 0040	2	6.1	87.1	89.8	91.4	2	
EUROCOPTER AS 350BA	4.63 4.63	TURBOMECA ARRIEL 1B	1		3	35.1		2	6.1	86.8	91.1	91.3	2	
EUROCOPTER AS 355 N	5.60 5.40	TURBOMECA ARRIUS 1A/4M	2	EUROCOPTER STARFLEX 355A340004-	3	35.6	EUROCOPTER 350A33-0008-03/04	2	6.2	86.2	88.8	92.9	2	
EUROCOPTER AS 355F2R	5.29 5.29	ALLISON 250-C20F	2		3	35.1		2	6.1	87.6	89.0	93.8	2	

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APPENDIX 10AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED HELICOPTERS
(14 CFR PART 36, APPENDIX H)

MANUFACTURER MODEL	MGW MLW 1000#	ENGINE DATA		MAIN ROTOR			TAIL ROTOR			NOISE LEVEL (EPNdB)				
		MFR. MODEL	NO.	MFR. MODEL	BLADES	DIA(FT.)	MFR. MODEL	BLADES	DIA(FT.)	FO	TO	AP	STAGE	NOTES
EUROCOPTER AS 355N	5.60 5.60	TURBOMECA ARRIUS 3191M	2		3	35.1		2	6.1	86.2	88.8	92.9	2	
EUROCOPTER AS 365N2	9.37 9.37	TURBOMECA ARRIEL 1C2	2		4	39.2		11	3.6	91.0	93.3	96.1	2	
EUROCOPTER BK 117B2	7.39 7.39	LYCOMING LTS-101-750E1	2		4	36.1		2	6.4	90.8	90.0	96.0	2	
EUROCOPTER BK 117C1	7.39 7.39	TURBOMECA ARRIEL 1E2	2		4	36.1		2	6.4	89.7	90.6	96.0	2	
SIKORSKY S-76A STC:568NE	10.80 10.80	TURBOMECA ARRIEL 1S	2	SIKORSKY 76150-9000/09100	4	44.0	SIKORSKY 76101-05101-041	4	8.0	92.8	92.5	95.6	2	
SIKORSKY S-76C	11.70 11.70	TURBOMECA ARRIEL 1S1	2	SIKORSKY 76150-09199-41	4	44.0	SIKORSKY 76101-05501-041	4	8.0	93.2	96.0	97.7	2	
SIKORSKY S-76C+ (PLUS)	11.70 11.70	TURBOMECA ARRIEL 2S1	2	SIKORSKY 76150-09100-41	4	44.0	SIKORSKY 76101-05501-041	4	8.0	91.6	93.9	96.1	2	

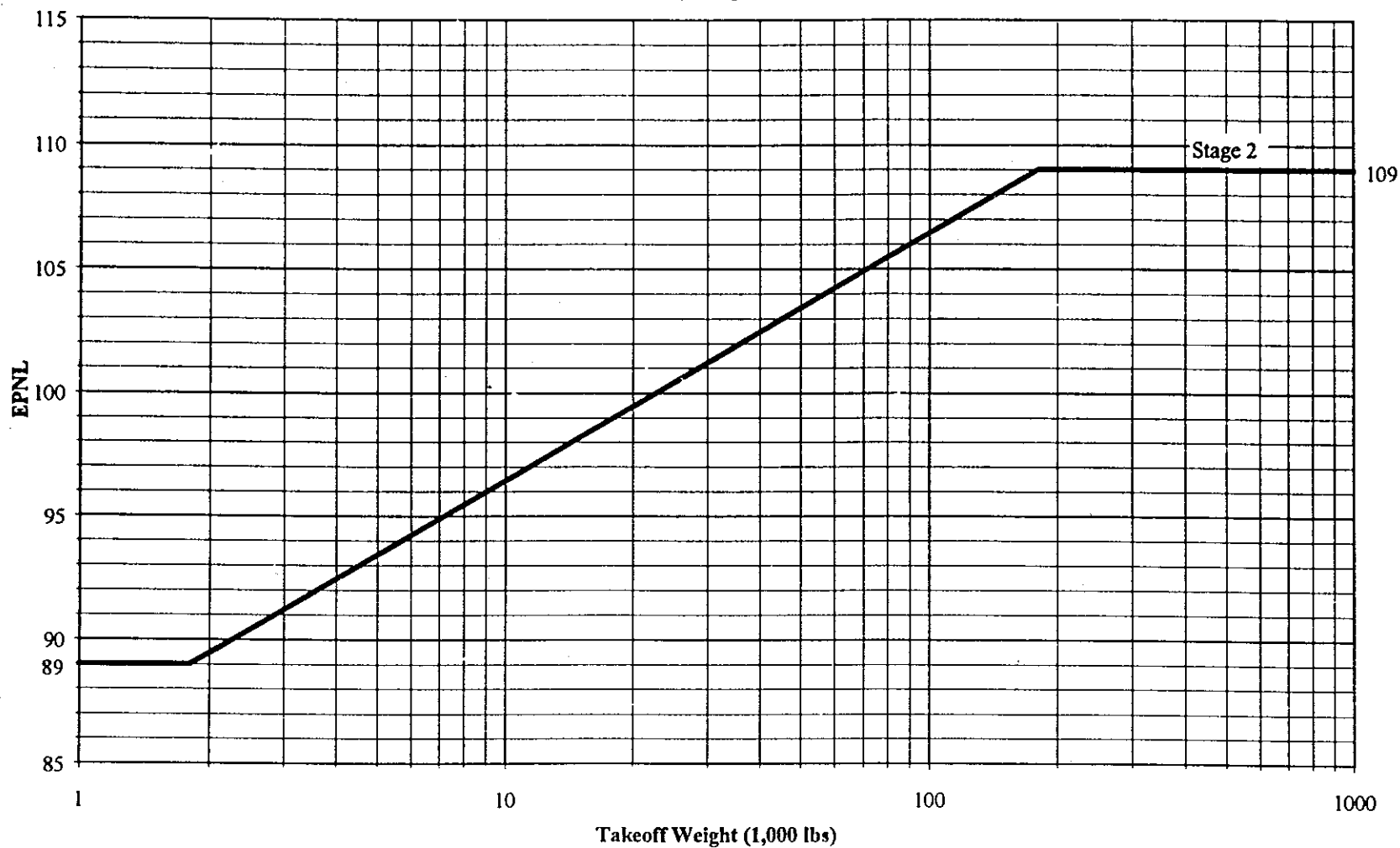
EQUATIONS FOR THE CALCULATION OF NOISE CERTIFICATION LIMITS AT TAKEOFF, SIDELINE, AND APPROACH

STAGE 2

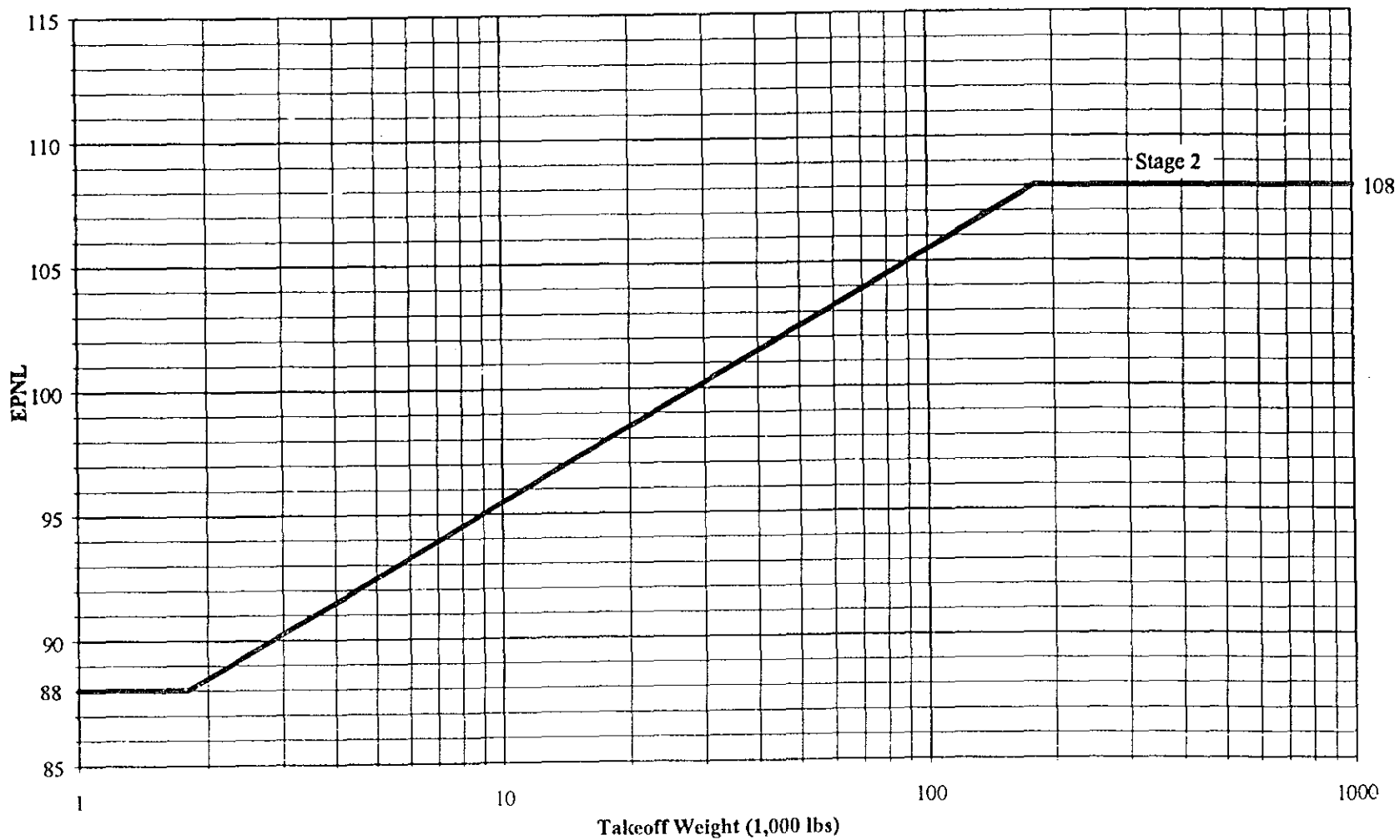
	Takeoff Limits (EPNdB)	Flyover Limits (EPNdB)	Approach Limits (EPNdB)
Up To And Including 1,764 lb.	89	88	90
Over 1,764 lb. To 176,370 lb.	$89 + 3.01 \left\{ \frac{\log \frac{W}{1,764}}{\log 2} \right\}$	$88 + 3.01 \left\{ \frac{\log \frac{W}{1,764}}{\log 2} \right\}$	$90 + 3.01 \left\{ \frac{\log \frac{W}{1,764}}{\log 2} \right\}$
Over 176,370 lb.	109	108	110

NOISE CERTIFICATION REQUIREMENTS - HELICOPTERS

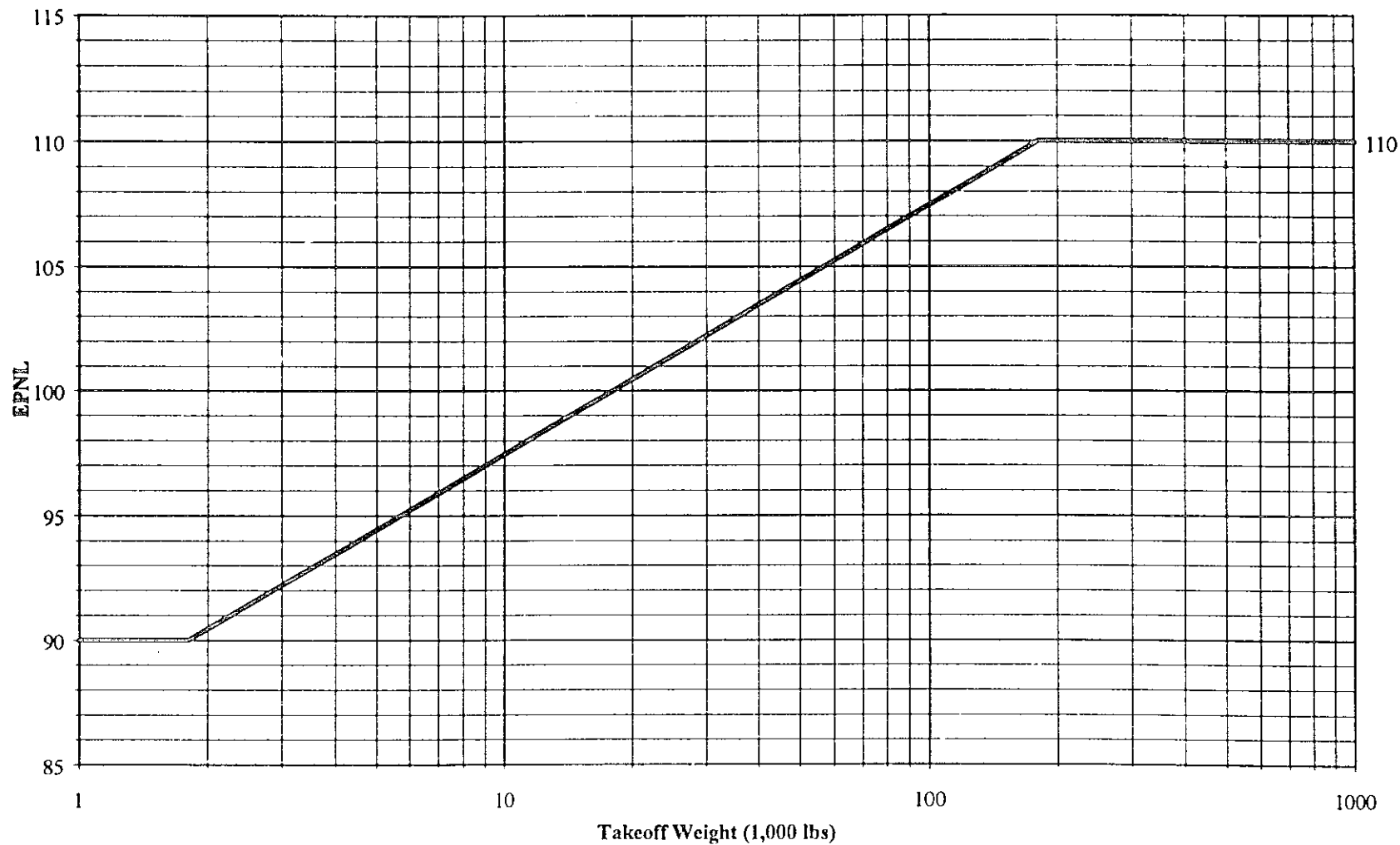
TAKEOFF



NOISE CERTIFICATION REQUIREMENTS - HELICOPTERS FLYOVER



NOISE CERTIFICATION REQUIREMENTS - HELICOPTERS APPROACH



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APPENDIX 11AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED HELICOPTERS
(14 CFR PART 36, APPENDIX J)

MANUFACTURER MODEL	MCW MLW 1000#	ENGINE DATA		MAIN ROTOR			TAIL ROTOR			NOISE LEVEL (SEL)		STAGE	NOTES
		MFR. MODEL	NO.	MFR. MODEL	BLADES	DIA(FT.)	MFR. MODEL	BLADES	DIA(FT.)	FO			
BELL HELI TEXTRON	4.55	ALLISON	2	BELL HELI TEXT	2	37.0	BELL HELI TEXT	2	5.4	85.2		2	
206L-4 w/STC00036SE	4.55	250-C20R		206-015-001-107			206-016-201-127						
BELL HELI TEXTRON	5.00	ALLISON	1	BELL HELI TEXT	4	35.0	BELL HELI TEXT	2	5.4	85.1		2	
407	5.00	250-C47B		407-015-001-101			406-016-100-101						
BOEING	4.10	ALLISON	1		6	27.5		13		79.0		2	
MD 600N		250-C47											
BOEING	6.00	PRATT & WHITNEY	2	MCDONNELL DOUGLAS	5	33.9	MCDONNELL DOUGLAS	13	1.8	82.1		2	
MD 900	6.00	PW206A					NOTAR						
ENSTROM	1.07	LYCOMING	1		3	32.0		2	4.7	79.0		2	
280FX/F-28F		H10-360-FIAD											
ENSTROM	2.85	ALLISON	1	ENSTROM	3	32.0	ENSTROM	2	5.0	82.4		2	
TH2B/480	2.85	250-C20W		4143000-1			28-150073-3						
EUROCOPTER	3.70	PRATT & WHITNEY	1		4	32.8		8		78.7		2	
EC 120		PT6B-37											
EUROCOPTER	5.80	PRATT & WHITNEY	2		4	33.5				81.6		2	
EC135P		PW206B											
EUROCOPTER	5.80	TURBOMECA	2		4	33.5				80.2		2	
EC135T		ARRIUS 2B											
KAMAN	6.00	TEXTRON LYCOMING	1	KAMAN	2	48.2				82.5		2	4
K-1200	6.00	T5317A-1		K-1200(2)2 Rotors									
ROBINSON	2.40	LYCOMING	1	ROBINSON HELI	2	33.0	ROBINSON HELI	2	4.8	81.9		2	
R44 ASTRO	2.40	0-540-F1B5		C016-1			C029-1						
SCHWEIZER	2.20	ALLISON	1	SCHWEIZER	3	26.8	SCHWEIZER	2	4.3	79.4		2	
269D/330	2.20	250-220W		269 A 1002			269 A 6034-19						
SCHWEIZER	2.05	LYCOMING	1		3	26.8		2	4.3	78.8		2	1
300C(1)		H10-360-DIA											
SCHWEIZER	2.05	LYCOMING	1		3	26.8		2	4.3	81.1		2	2
300C(2)		H10-360-DIA											
SCHWEIZER	2.05	LYCOMING	1		3	26.8		2	4.3	79.2		2	3
300C(3)		H10-360-DIA											

Appendix 11 Notes

1. Includes Upturned Exhaust.
2. Includes Muffler.
3. Includes Muffler and Resonator.
4. Includes Two Counter-Rotating, Intermeshing Main Rotors.

EQUATIONS FOR THE CALCULATION OF NOISE CERTIFICATION LIMITS

14 CFR Part 36, APPENDIX J Noise Limit (SEL)

Flyover Limits

Up To And Including 1,764 lb.

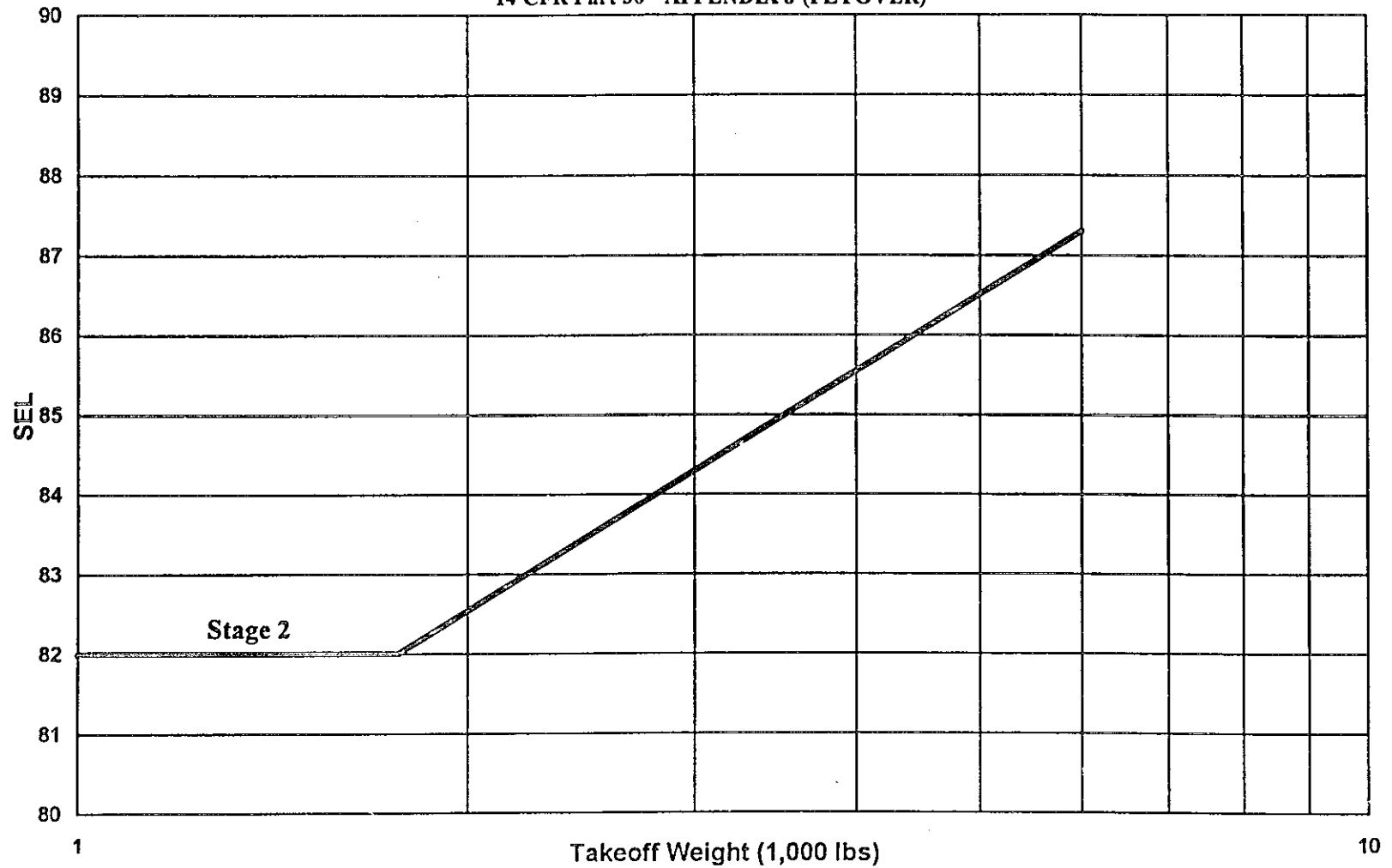
82

Over 1,764 lb. Up To And Including 6,000 lb.

$$82 + 301 \left\{ \frac{\log \frac{W}{1,764}}{\log 2} \right\}$$

NOISE CERTIFICATION REQUIREMENTS - HELICOPTERS

14 CFR Part 36 - APPENDIX J (FLYOVER)



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Appendix 12

APPENDIX 12
ABBREVIATIONS

#	Pounds
ALT	Altitude
AP	Approach
APU	Auxiliary Power Unit
BPR	Bypass Ratio
CdBA	Corrected Noise Level in A-Weighted Decibels
CFR	Code of Federal Regulations
CSD	Constant Speed Drive Oil Cooler
dBA	A-Weighted Decibels
DIA	Diameter
DIAM	Diameter
EPNdB	Effective Perceived Noise Level in Decibels
EXH	Exhaust Configuration
FO	Flyover
FT	Feet
HWFAP	Hardwall Forward Acoustic Panels
ICAO	International Civil Aviation Organization
MdBA	Measured Noise Level in A-Weighted Decibels
MFR	Manufacturer
MLW	Maximum Certificated Landing Weight
MTOW	Maximum Certificated Takeoff Weight
NO	Number
NRI	Noise Reduction Inlet
PC	Performance Correction
RPM	Revolutions per Minute
SAC	Single Annular Combustor
SHP	Shaft Horsepower
SL	Sideline
STC	Supplemental Type Certificate
TO	Takeoff