U.S. Department of Transportation
Federal Aviation Administration

Advisory Circular

Subject: NOISE LEVELS FOR U.S. CERTIFICATED AND FOREIGN AIRCRAFT

Date: 8/27/97
Initiated by: AEE-110

AC No: 36-1G
Change:

I. 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 3 6 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 trade& provisions).

As required by Part 36, certification noise levels for approach are those which are r [illegible] from a noise standpoint, for the airplane configurations used to show compliance with tb

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 I4 CFR part 3 6 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 presenteil 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. [illegible] 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 [illegible] certificated airplane noise levels for propeller-driven small airplanes and commuter category a[illegible] ficated under 14 CFR part 36, Appendix G. This appendix includes a tabulation of maxi[illegible] ghts, 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.

Requests for additional copies of this Advisory Circular should be sent to:

U.S. Department of Transportation
Subsequent Distribution Office
Ardmore East Business Center
3341 Q 75th Avenue
Landover, MD 20785

Requests to be placed on the mailing list to receive future revisions of this Advisory Circular should be sent to:

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svc-121.21
Wasbington, DC 20590.

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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AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) IQ	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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	330.49	290.00	CF6-80C2A5F	2	61.S	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	291.40	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	2s	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	940	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	0.0	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	948	100.6	3	
AIRBUS	A310-304	275.58	261.25	CF6-80C2A2	2	53 5	'SW	0	40	85 7	96.5	98.5	3	
AIRBUS	A310-304	352.74	216 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	IS	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	

AIRCRAFT NOISE DATA FOR
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MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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	220	4.90	10	40	79.2	92.5	94.0	3	
AIRBUS	A319-131	151.73	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	2s.o	6.00	10	35	17.8	94.3	96.4	3	
AIRBUS	A320-211	149.90	142.20	CFM56-5A1	2	25.0	6.00	10	3s	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	921	96.6	3	
AIRBUS	A330-301	396.83	M1.56	CF6-80E1A2	2	6S.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	96.7	‘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	9S.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	91.3	91.0	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	95.1	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	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS Is!	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
AVRO	146-w85	80.00	77.50	LF 507-1F	4	7.00	5.10	18	33	79.0	89.1	96.9	3	
AVRO	146-RJ85	97.00	65.00	LF 507-w	4	7.00	5.10	18	33	84.3	88.4	97.3	3	
BAe	1-11200	80.00	71.00	SPEY 506-14	2	10.4	1.00	3	45	93.3	99.1	97.8	2	12
BAe	l-11400	87.00	77.26	SPEY511-14/14W	2	11.4	0 70	0	45	94.8	1034	997	2	12
BAe	I-11 400	89.50	79.00	SPEY511-14/14W	2	II.4	0.70	0	45	95.1	103.3	99.9	2	12
BAe	146-100A	7600	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	12.25	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.u)	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	64.9	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.w	83.00	LF 507-1H/-1F	4	7.00	5.10	18	33	84.0	t7.9	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 502%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	

AIRCRAFT NOISE DATA FOR
UNITED SATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BAe	C-29A	28.00	23.35	TFE731-5R-1H	2	4.30	3.36	0	45	11.4	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-707-1208 (SHANNON)	258 00	190.00	JT3D-1	4				30	103.5	97.6	105.3	2	21,**
BOEINO	B-707-1318 (SHANNON)	258.00	190.W	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	101.3	2	6,**
BOEING	B-707-3008 ADV/C SHN	321.00	240.00	JT3D-3B	4				25	104.5	99.2	1oa.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.w	JT3D-3B	4				30	99.3	103.2	101.6	2	6,**
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-1	4				30	91.9	98.0	104.7	2	6,**
BOEING	B-720B (SHANNON)	234.00	17s.w	JT3D-3B	4				30	97 3	99.J	104.7	2	6,**
BOEING	B-727-100	152.50	135.00	JT8D-7FCD	3	140	1.10	5	40	94 4	100.3	104 I	2	3.16
BOEING	B-727-100	160.50	137.50	JT8D-1FCD	3	14.0	1.10	5	40	96 6	992	1043	2	3
BOEING	B-727-100	169.SO	137.50	JT8D-1FCD	3	I4 0	I 10	5.	40	98 5	99.1	1043	2	3
BOEING	B-727-100	169.50	137 50	JT8D-7FCD	3	14 0	I 10	5	40	97.9	lw.o	104.3	2	3.16

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B-727-100	160.50	137.50	JT8D-9FCD	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-9FCD	3	14.5	1.03	5	40	98.3	100.0	105.8	2	3,17
BOEING	B-727-100 (Dee Howard)	169.50	137.50	TAY 651-54	3	15.4		5	40	92.1	92.3	98.4	3	
BOEING	B-727-100 (Dee Howard)	169.50	142.50	TAY 651-54	3	15.4		5	40	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	95.6	96.6	97.8	3	35
BOEING	B-727-100 (FED EX;STC SA3993NM)	160.50	137.50	JT8D-7 w/BOEING INLET+FAN CSD	3	14.0	1.10	5	40	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	40	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	40	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	40	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 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS IQ	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B-727-200	172.50	142.50	JT8D-7FCD	3	14.0	1.10	1s	40	100.0	100.4	106.3	2	3.16
BOEING	B-727-200	177.60	142.50	JT8D-7FCD	3	14.0	I.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	1s	40	100.0	100.4	104.9	2	216
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	IS	40	101.5	100.2	103.2	2	217
BOEING	B-727-200	178.00	150.00	JT8D-9FCD	3	14.J	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	219
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	lso.w	JT8D-7 w/BOEING INLET+FAN CSD	3	14.0	1.10	5	30	95.9	97.0	99.0	3	3s
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	3s
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	3s
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	3s
BOEING	B-717-200 (FED EX;STC SA4833NM)	165.60	154.50	JT8D-9 w/BOEING INLET+FAN CSD	3	14.s	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	lW.S	3	3s

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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-721-200 (FED EX;STC SA5839NM)	2w.w	166.00	JT8D-17 w/BOEING INLET	3	16.0	1.00	5	30	97.1	99.1	91.1	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	164.90	JT8D-17A/217C	3				30	93.4	99.6	99.3	3	6.23
BOEING	B-737-100 (AVAERO;STC ST223CH)	121.10	88.00	hD-17	2	16.0	1.00	1	40	91.4	97.S	96.7	3	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	117.00	90.00	JT8D-15	2	15.s	1.00	I	40	69.7	96.7	98.1	3	35.42
BOEING	0-m-200 (AVAERO;STC ST223CH)	121.10	93.00	JT8D-15	2	15.5	1.00	1	40	921	96.5	97.1	3	27.42
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.80	9500	JT8D-15	2	15.5	1.00	1	40	13.7	96.8	97.2	3	27.42
BOEING	B-737-100 (AVAERO;STC ST223CH)	100.80	95.00	JT8D-9	2	14.5	1.03	I	40	85.2	95.5	97.1	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-737500 (AVAERO;STC ST223CH)	100.50	98 00	JT8D-9	2	14.5	1.03	I	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	I	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	1.00	1	40	87.6	97.5	98.0	3	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.10	107.00	n-SD-17	2	16.0	1.00	1	30	91.4	97.5	94.8	3	27

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	THRUST NO.	THRUST 1000#	THRUST BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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 (FEDEX;STC SA5839NM)	155.00	ISO.W	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.5	1.03	S	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	91.4	3	27
BOEING	B-727-200 (FEDEX;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	s	30	94.3	97.3	98.2	3	27
BOEING	B-727-200 (FEDEX;STC SA5839NM)	184.20	154.50	JT8D-17 w/BOEING INLET	3	16.0	1.00	5	30	95.3	98.8	91.6	3	21
BOEING	B-727-209 (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 (FEDEX;STC SA5839NM)	189.20	160.W	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.W	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.J	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 (FEDEX;STC SA5839NM)	182.75	161.00	JT8D-15 w/BOEING INLET+CHIN CSD	3	15.5	1.00	5	30	93.9	99.1	97.1	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-717-200 (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	E-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 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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-737-100 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW HUSHKIT	2	15.5	1.00	1	30	91 I	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	I	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	99.3	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. w	I	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	I	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	I	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	I	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	!	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	1 6 . 0	1.00	1	40	87.5	97.5	97.7	3	27
BOEING	B-737-m 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 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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	107.06	JT8D-9	2	14.5	1.03	1	40	91.5	95.0	97.7	3	27.41
BOEING	E-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
BOEINO	B-737-200 ADV(NORDAM;ST SA5730NM)	115.50	103.00	JT8D-17	2	16.0	1.00	1	40	16.8	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	91.6	3	27
BOEING	B-737-200 ADV(NORDAM;ST SA5730NM)	124.50	107.00	l-TED-9	2	14.5	1.03	1	40	91.9	944	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	15.7	97.1	95.8	3	37
BOEING	B-737-200 ADV(NORDAM;ST ST00131SE)	115.50	96.00	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	I	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-m ADV(NORDAM;ST ST00131SE)	121.66	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	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
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;ST ST00131SE)	118.70	107.00	JT8D-9 w/LGW HUSHKIT	2	14.5	1.03	I	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-m ADV(NORDAM;ST ST00131SE)	118.50	107.00	JT8D-9 w/LGW-N HUSHKIT	2	14.5	1.03	I	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	I	40	97.0	1041	102.8	2	2.19
BOEING	B-737-200 ADV.	126.10	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	los.o	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	217
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	217
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	E-737-200 NON-ADV.	109.00	95.00	JT8D-9QN	2	14.5	1.03	1	40	93.2	loo.7	104.1	2	217
BOEING	B-737-200 NON-ADV.	109.00	98.00	JT8D-7QN	2	14.0	1 10	1	40	94.7	101.3	102. I	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 SO	110.00	CFM56-3 w/HWFAP	2	220	5.00	I	40	81.6	91.2	97.4	3	36
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	22.0	5.00	1	40	81.6	91.2	91.5	3	
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	20.0	5.00	I	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	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS LQ	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
BOEING	B-737-300	124.50	110.00	CFM56-3-B1	2	20.0	5.00	1	40	14.4	90.4	99.6	3	
BOEING	B-737-300	124.50	110.00	CFM56-3B-2	2	22.0	4.90	1	40	82.1	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	91.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3-B1	2	20.0	5.00	1	40	17.5	89.9	100.1	3	
BOEING	B-737-300	139.50	121.00	CFM56-3B-2	2	22.0	4.90	1	40	x5.7	91.9	100.1	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	20.0	5.00	S	40	83.8	19.8	91.6	3	
BOEING	B-737400	130.00	121.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	83.8	89.8	97.7	3	38
BOFING	B-737400	130.00	121.00	CFM56-3 w/HWFAP	2	23.5	5.00	5	40	82.4	92. 1	91.6	3	
BOEING	B-737400	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	91.6	3	
BOEING	B-737400	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-737400	138.50	121.00	CFM56-3B-2	2	22.0	490	5	40	85.7	92.1	100.2	3	
BOEING	B-737400	138.50	121 00	CFM56-3C-1	2	23.5	4.90	5	40	85.0	93.2	100.2	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	22.0	5.00	s	40	86.3	90.7	98.6	3	
BOEING	B-737-496	I50.00	124.00	CFM56-3 w/HWFAP	2	22.0	5.00	S	40	86.3	90.7	97.7	3	38
BOEING	B-737400	142.50	124 00	CFM56-3 w/HWFAP	2	20.0	5.00	S	40	86.9	88.9	98.6	3	
BOEING	B-737-400	150.00	124.00	CFM56-3w/HWFAP	2	23 S	5.00	s	40	85.9	91.8	98.6	3	
BOEING	B-737-400	142 SO	124 00	CFM56-3 w/HWFAP	2	20.0	5.00	S	40	86.9	88.9	97.7	3	38
BOEING	B-737-400	150 00	124 00	CFM56-3 w/HWFAP	2	23 S	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	4.99	S	40	87.7	91.7	loo.2	3	
BOEING	B-737-400	150.00	124.00	CFM56-3C-1	2	23 5	4.90	S	40	87.1	93.1	100.2	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	200	5.00	S	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	S	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	S	40	81.0	893	98.4	3	
BOEING	B-737-m	108.00	105.00	CFM56-3 w/HWFAP	2	20.0	SW	S	40	80 4	902	97 2	3	38
BOEING	B-737-500	115.50	105 00	CFM56-3-B1	2	200	5 00	S	40	82 7	908	994	3	
BOEING	B-737-500	115.50	105.00	CFM56-3-B1(R)	2	18 s	SW	5	40	816	89.9	99.4	3	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	2	200	SW	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	91.6	3	38
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	2	18.5	5.00	S	40	85.4	88.2	91.7	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
BOEING	B-737-500	139.00	114.00	CFM56-3-B1	2	20.0	5.00	5	40	17.3	90.0	100.0	3	
BOEING	B-737-500	132.10	114.00	CFM56-3-B1(R)	2	16.5	5.00	5	40	67.7	66.9	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	7m.w	400.00	JT9D-7F	4	46.0	5.10	10	30	104.5	103.5	104.5	3	29
BOEING	B-747-100	734.66	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	46.0	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-747-1 00	734.w	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	101.0	loo.2	107.4	2	[illegible]
BOEING	B-747-100	750.00	585.00	JT9D-7A	4	47.0	5.10	10	30	107.:	98.8	106.9	2	[illegible]
BOEING	B-747-100	750.00	565.00	JT9D-7F	4	46.0	5.10	10	30	107.7	99.0	107.4	2	[illegible]
BOEING	B-747-100	750.00	565.00	JT9D-7FW	4	50.0	5.10	10	30	107.6	99.4	107.4	2	[illegible]
BOEING	B-747-100	750.00	585.00	JT9D-7WET	4	47.9	5.10	10	30	107.4	99.3	106.9	2	[illegible]
BOEING	B-747-100	7so.w	585 00	RB211-524C2	4	5 1 . 6	4.50	10	30	104.5	96.9	106.5	2	[illegible]
BOEING	B-747-100	734.00	630.00	JT9D-7A	4	46.9	5.10	10	25	104.3	102.6	105.5	3	[illegible]

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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	u.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	91.8	1067	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	1.10	10	30	108.6	9x.9	107.2	2	. . .
BOEING	B-747-200	785.00	564.00	JT9D-7R4G2	4	s4.7	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	9a.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	133.00	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	IO	30	102.1	101.7	106.5	3	
BOEING	B-747-200	710.00	630.00	JT9D-3A	4	43.6	5.10	10	2s	104.4	IW.8	105.7	3	30
BOEING	B-747.200	734.00	630.00	JT9D-7	4	46.3	5.10	10	2s	104.2	101.3	105.2	3	30

AIRCRAFT NOISE DATA FOR UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS Al!	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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	911.7	107.3	2	· **
BOEING	B-747-200	750.00	630.00	JT9D-7F	4	48.0	5 10	10	25	103 5	102.0	1060	3	30
BOEING	B-747-200	100.00	630.00	JT9D-7F	4	48.0	5.10	10	30	109.7	91.8	107.8	2	· **
BOEING	B-747-200	805.00	630.00	JT9D-7FW	4	50.0	5.10	10	30	109.4	99.2	107.6	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	107.1	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	E-747-200	833.00	630.00	JT9D-7R4G2	4	54.7	4.80	10	30	102.4	97.9	106.6	2	· ·
BOEING	E-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	RB21 l-5248182	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. I	4.30	10	30	105 5	95.6	107 3	2	· ·
BOEING	B-747-200	833.00	630.00	RB211-524D4	4	53. I	4 20	10	30	103 9	997	1049	3	
BOEING	B-747-300	600.00	564.00	CF6-80C2B1	4	56 7	5 00	10	30	89 8	99.1	1025	3	
BOEING	B-747-360	775.00	564.00	RB21I-524D4	4	53 I	420	10	30	101 5	97.1	1043	2	· ·
BOEING	B-747-300	800.00	585.00	JT9D-70A	4	53 0	4 90	10	30	992	95.8	105.4	2	· ·

AIRCRAFT NOISE DATA FOR UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B-747-300	775.00	585.00	RB211-524B2	4	50.1	4.36	10	30	103.3	96.1	106.5	2	. .
BOEINO	B-747-m	800.00	630.00	CF6-50E2	4	52.5	4.30	10	30	101.6	101.1	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	4.10	10	30	loo. 1	101.5	106.6	3	
BOEING	B-747-300	820.00	63000	RB21 l-52482	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-747-31X	133.00	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	X9.6	99.1	101.7	3	
BOEING	B-747400	600.00	564.00	PW4056	4	56.7	4.10	10	30	89.5	loo.7	103.1	3	
BOEINO	B-747-400	600.00	564.00	RB211-524G	4	51.0	4.30	10	30	90.3	98.9	102.4	3	
BOEINO	B-747-100	600.00	564.00	RB211-524H	4	66.6	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-747400	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 40%	4	56.7	4.80	10	30	101.5	99.7	104.7	3	
BOEINO	B-747400	875.00	652.00	PW4056 PH3 (FB2B)	4	56.8	4 80	10	30	99.7	98.6	103.6	3	
BOEING	B-747-100	875.00	652.00	PW4056 PH3 (FB2C)	4	56.8	4.10	I0	30	91.6	98.4	103.0	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) IQ	SL	AP	STAGE	NOTES
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	4.10	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-747400	875.00	652.00	RB211-524H2	4	51.0	4.10	10	30	98.0	98.8	103.1	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.w	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	so. 1	4.30	10	30	59.5	99.1	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	41.0	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	99.1	103.5	103.8	3	
BOEING	B-747-m	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	S64.W	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	5.10	5	30	16.2	94.0	97.7	3	

AIRCRAFT NOISE DATA FOR UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AI!	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B-757-200	2 2 0 . w	198.00	PW 2040	2	41.7	5.70	5	30	84.6	94.5	97.7	3	
BOEING	B-757.200	2 2 0 . 0 0	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. I	4.10	5	30	11.3	94.4	95.0	3	
BOEING	B-757-200	255.50	210.00	PW 2037	2	31.2	5.80	5	30	91.4	93.7	98.I	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	401	4.10	5	30	86.8	93.0	95.2	‘3	
BOEING	B-757-200	240.W	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	as.7	94.1	9S.2	3	
BOEING	B-767-200	279.96	257.00	CF6-80A	2	48.0	4.60	1	30	84.9	95.5	101.4	3	
BOEING	B-767-200	2 7 9 . 9 0	257.00	CF6-80A2	2	50.0	4.60	1	30	14.2	97.2	101.4	3	
BOEING	B-767.200	282.00	2 5 7 . 0 0	JT9D-7R4D(A)	2	41.0	5.00	I	30	87.7	95.7	101.1	3	
BOEING	B-767-200	282.00	257.00	JT9D-7R4D(B)	2	48.0	5.00	I	30	88.4	9s.9	101.9	3	
BOEING	B-767-200	2 8 2 . W	257.00	JT9D-7R4E	2	50.0	5.00	1	30	a7.5	96.8	101.9	3	
BOEING	B-767-200	3W.W	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	n.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	3 4 0 . 0 0	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 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	!Y	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
BOEING	B-767-200	351.00	285.00	PW4052	2	52.0	4.80	1	30	90.9	94.9	9a.2	3	
BOEING	B-767-200	360.00	300.00	CF6-80A	2	48.0	4.60	1	30	92.1	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-161-200	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	317.00	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	4a.o	5.00	1	30	95.1	95.2	1027	3	
BOEING	B-767-209	360.00	300.00	JT9D-7R4D(B)	2	48.0	5.00	I	30	96.2	95.3	102.6	3	
BOEING	B-767-200	360.00	3W.W	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 4036	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.:	95.8	3	
BOEING	B-767-200/200ER	300.00	270.00	CF6-80C2B4F	2	57.9	5.00	I	30	83.7	95.2	9s.a	3	
BOEING	B - 7 6 7 - 2 - R	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	a7.7	97.3	97.8	3	
BOEING	B-767-200/200ER	299.60	270.w	PW4060 PH3 (FB2C) N	2	60.0	4.80	I	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	3a7.w	300.00	CF6-80C2B4F W/N1 MOD	2	57.9	5.00	I	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	

AIRCRAFT NOISE DATA FOR UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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.m	1	30	89.0	95.9	96.6	3	
BOEING	B-767-300	300.00	280.00	CF6-80A	2	41.0	4.60	5	30	17 5	9S.2	101.7	3	
BOEING	B-767-300	3oo.w	280.00	CF6-80A2	2	SO.0	4.60	5	30	06.7	96.9	101.7	3	
BOEING	B-767-300	380.00	210.00	CF6-80C2-B4	2	57.9	5.00	5	30	90.2	95.3	96.5	3	
BOEING	B-767-300	3to.W	280.00	CF6-80C2-B6	2	61.5	5.00	5	30	89.2	96.4	96.5	3	
BOEING	B-767-300	281.70	280.00	CF6-80C2B2	2	52.5	5.00	5	30	a3.1	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	957	102.3	3	
BOEING	B-767-300	3w.w	280.00	JT9D-7R4E	2	50.0	5.00	5	30	90.0	96.5	102.3	3	
BOEING	B-767-300	310.00	210.00	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	4.10	5	30	91 2	97.2	98.8	3	
BOEING	B-767-300	340.00	280.00	RB21 l-5240	2	51.0	4.30	5	30	89.4	94.3	91.5	3	
BOEING	B-767-300	340.00	280 00	RB21 I-S24H	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	s	30	92.1	95.2	98.4	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B-761-300	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	91.5	3	
BOEING	B-767-300	351.00	320.00	JT9D-7R4D(B)	2	48.0	5.00	5	30	95.1	95.4	103.0	3	
BOEING	B-167-300	351.00	320.00	JT9D-7R4E	2	50.0	5.00	5	30	95.0	96.2	103.0	3	
BOEING	B-161-300	407.00	320.00	PW 4056	2	56.1	4.10	5	30	94.2	95.1	100.2	3	
BOEING	B-161-300	401.00	320.00	PW 4060	2	60.0	4.80	5	30	93.2	97.0	100.2	3	
BOEING	B-761-300	401.00	320.00	RB211-524G	2	58.0	4.30	5	30	93.1	94.0	99.8	3	
BOEING	B-161-300	401.00	320.00	RB21 I-524H	2	60.6	4.10	5	30	92.9	94.8	99.8	3	
BOEING	B-767-300/300ER	295.00	210.00	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	2ao.w	PW4060 PH3 (FB2C) N	2	60.0	4.10	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	91.0	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	4.10	5	30	90.3	95.9	91.9	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	19.9	91.6	97.9	3	
BOEING	B-777-200	545.00	445.00	GE90-76B	2	11.0	8.30	5	30	88.8	93.2	91.6	3	
BOEING	B-777-200	506.00	445.00	GE90-76B	2	17.0	8.30	5	30	16.1	93.3	97.6	3	
BOEING	B-777-200	545.00	445.00	PW4077	2	17.0	6.20	5	30	90.6	95.1	99.4	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B-777-200	447.50	445.00	PW4077	2	77.0	6.20	5	30	66.6	96.1	99.4	3	
BOEING	B-777-200	506.00	445.00	TRENT875	2	75.0	5.90	s	30	91.7	95.2	99.6	3	
BOEING	B-777-200	545.00	445.00	TRENT875	2	75.0	5.90	s	30	93.7	95.1	99.8	3	
BOEING	e-777-200	506.00	us.OO	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	99.6	3	
BOEING	B-777-200	632.50	460.00	GE-90-90B	2	90.0	6.30	5	30	90.1	95.0	97 6	3	
BOEING	B-777-200	632.50	460.00	TRENT884	2	86.5		5	30	Y4.3	96.9	99.4	'3	
BOEING	B-777-200	545.00	460.00	TRENT892	2	Y2.5	5.70	5	30	66.3	96.1	99.4	3	
BOEING	B-777-200	632.50	460.00	TRENT892	2	92.5	5.70	5	30	92.9	97.6	99.4	3	
CANADAIR	CL-600	36.W	33.00	ALF-502	2	7.50	5.00	m	45	61.6	89.3	91.2	3	•
CANADAIR	CL-600	40.40	36.00	ALP 502L/L-2/L-2C	2	7.50	5.00	20	45	64.0	67.2	91.6	3	•
CANADAIR	CL-600	41.25	36.00	ALF-502L/L-2/L-2C	2	7.50	5.00	20	45	64.7	89.5	91.6	3	•
CANADAIR	CL-600 (WINGLETS)	41.25	36.W	ALF-502L/L-2/L-2C	2	7.50	5.00	20	45	64.8	69.5	91.6	3	
CANADAIR	CL-601	42.10	36.W	CF34-1A	2	6.65	6.30	m	45	79.4	64.9	69.4	3	•
CANADAIR	CL-601	43.00	36.00	CF34-1A	2	6.65	6.30	20	45	19.9	64.6	tY.4	3	•
CANADAIR	CL-601-1A	45.10	36.W	CF-34-1A	2	6.65	6.30	20	45	to.5	t4.6	90.1	3	•
CANADAIR	CL-601-3A	43.10	36.W	CF-34-3A	2	6.72	6.30	m	45	79.4	65.9	89.4	3	•
CANADAIR	CL-601-3A	45.10	36.00	CF-34-3A/-3A2	2	6.72	6.30	m	45	79.6	65.7	90.1	3	•

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
CANADAIR	CL-601-3R	45.10	36.00	CF-34-3A1	2	8.72	6.30	m	45	79.8	15.7	90.1	3	•
CANADAIR	CL-604	47.60	38.00	GE CF34-3B	2	1.72	6.30	20	45	80.9	86.2	90.3	3	•
CANADAIR	CL-604	48.20	38.00	GE CF34-3B	2	a.72	6.30	20	45	81 2	16.2	90.3	3	•
CANADAIR	CRJ (CL-600-2B19)	53.00	47.00	CF-34-3A1	1	1.65	6.30	20	45	79.8	12.2	92.1	3	
CANADAIR	CRJ (CL-600-2B19)	53 00	47.00	CF-34-3B1	2			m	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	16.1	17.7	3	•
CESSNA	500/501 CITATION I	11.80	11.30	JT15D-1/-1A	2	2.m	3.30	15	40	78.0	86.2	17.9	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.M	3.30	15	40	10.1	16.7	90.5	3	•
CESSNA	552	15.50	14.30	JT15D-5	2	2.90	2.10	m	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	14.6	94.6	0 . 9	3	
CESSNA	650 CITATION Ill	21.00	17.00	TFE731-3B-100S	2	3.65	3.11	20	37	a4.9	92.5	92.4	3	
CESSNA	650 CITATION III	22.00	20.00	TFE731-3B-100S	2	3.65	3.11	7	37	10.1	92.4	93.1	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	15.1	3	·

AIRCRAFT NOISE DATA FOR UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) IQ	SL	AP	STAGE	NOTES
CESSNA	SSSO CITATION S/II	15.10	14.40	JT15D-4B	2	2.50	3.30	7	35	80.0	91.3	66.2	3	
DASSAULT	FALCON 10	18.30	17.20	TFE731-2	2	3.20	2.10	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	66.2	9S.2	3	
DASSAULT	FALCON 20-C/D/E	28.60	27.30	CF700-2D-2	2	4.50	200	15	40	90.0	92.3	101.7	2	
DASSAULT	FALCON 20-C/D/E/F	28 60	27 30	CF700-2D-2Q	2	4S0	200	0	40	819	94.0	99.1	3	
DASSAULT	FALCON 20-C5/D5/E5	29.10	27.76	TFE-731-5BR-2C	2	4.80	3.70	1s	40	60.3	90.7	90.7	3	34
DASSAULT	FALCON 20-C5/D5/E5	29.10	27.16	TFE731-5AR-2C	2	4.50	3.70	15	40	62.9	88.4	90.7	‘ 3	
DASSAULT	FALCON 20-C5/D5/E5	30.50	28.80	TFE731-5BR-2C	2	4.80	3.70	1s	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	21.16	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	921	903	3	
DASSAULT	FALCON 20-G	32 00	27.56	ATF3-6-2C	2	s 40		10	40	87 5	88 3	9S 9	3	
DASSAULT	FALCON 200	32.00	27.60	ATF3-6A-4C	2	5 20	290	5	40	83 9	890	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	FALCON2000	36.50	33.00	CFE738-1-1B	2	S72	600	m	40	794	86.4	93.1	3	
DASSAULT	FALCON SO	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	m	48	84.8	91.5	97.1	3	

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS IQ	FLAPS AP	NOISE LEVEL (EPNdB) IQ	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
DASSAULT	FALCON 50	40.78	35.71	TFE731-40-1C	3			20	40	83.8	92.0	93.2	3	
DASSAULT	FALCON900	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	4.73	3.50	20	40	80.7	91.2	91.7	3	
DASSAULT	FALCON 9008	45.M	42.00	TFE731-5BR-1C	3	4.75	3.50	20	40	79.8	91.2	91.7	3	
FOKKER	F100	98.00	81.00	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	9.17	1.00	6	42	91.c	99.3	99.4	2	
FOKKER	F28 MK4000	.73.00	65.60	SPEY MKSSS-ISH	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	al.w	75.00	TAY MK620-15	2	13.8	3.00	0	42	76.1	89.9	87.7	3	
FOKKER	F70	92.00	81.00	TAY MK620-1S	2	13.8	3.00	0	42	80.I	19.5	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	064	10	39	91.1	103.4	97.3	2	12
GULFSTREAM	G-IV	73.20	58.50	TAY 611-8	2	13.1	3.00	10	39	76.8	87.3	91.0	3	
GULFSTREAM	O-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 61 l-8	2	13.8	3.00	10	39	77.5	16.6	92 0	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
GULFSTREAM	O-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	•
ISRAEIAIRCRAFT	1125 ASTRA	23.50	20.70	TFE731-3A-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	91.0	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	II.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	9s 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	2s	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	295				94.0	99.3	100.8	2	
LEARJET	25/25B/C Raisb MK II	IS.00	13.30	CJ610	2			10	40	91.0	103.8	99.0	2	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
LEARJET	25B/C/D/F XR Dec Hwd	16.30	13.30	CJ610-6/8A		2.95		10	40	93.5	103.9	99.0	2	
LEAJUET	25C	15.00	13.30	CJ610-6	2	2.95		m	40	940	99.3	100.:	2	13
LEAJUET	2 m	15.00	13.30	CJ610-6	2	2.95		m	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	11.0	17.0	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	m	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	0 . 0	16.9	92.2	3	•
LEAJUET	35A	18.00	II.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	264	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	16.7	91.4	3	
LEARJET	36.4	18.30	15.30	TFE731-2-2B	2	3.50	2.64	20	40	13.9	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		m	40	86 3	907	91.0	3	•
LEARJET	55C	21.50	18.00	TFE731-3AR-2B	2	3 9 0	2 90	20	40	86 7	909	92.4	3	•
LEARJET	55C	21.00	18.00	TFE731-3AR-2B	2	390	290	m	40	86 2	910	92 4	3	•

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
LEARJET	60	23.10	19.50	PW305A	2			8	40	70.8	83.1	17.7	3	
LEARJET	M55C	21.56	17.00	TFE731-3AR-3B	2			m	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	927	88.1	96.9	2	•
LOCKHEED	1329-23A/D/E w/STAR 3 STC (ST00258SE)	44.25	36.W	TFE731-3-1R	4	3.70	2 80	m	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.W	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.:	3	5 •
LOCKHEED	L-1011-1	430.00	358.00	RB211-22B	3	41.0	4.70	10	42	96.0	95.0	102.1	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	91.1	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	RB211-52484	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	102.1	3	
LOCKHEED	L1011-385-1-14/15	466.00	368.00	RB211-52484	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 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) IQ	SL	AP	STAGE	NOTES
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-ON-5 1 (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	216.00	199.50	JT3D-3B	4				35	99.1	101.5	107.0	2	6,26,**
MCDONNELL DOUGLAS	DC-08-5 I 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	X-08-51 W/BAC QN	276.00	159.50	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	101.7	2	6,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	4			15	25	103.7	1029	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-06-52 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	101.0	2	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	30680	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-N-53 QNC PLS QN	311.00	207.00	JTD3D-3B	4				35	105.3	101.1	107.1	2	6,26,**

AIRCRAFT NOISE DATA FOR
UNITED *STATES* CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-08-53 W/BAC QN	315.00	203.30	JT3D-3B	4			15	so	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				so	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-W-55 QNC PLS QN	320.30	217.00	JT3D-3B	4				35	LOS.5	101.1	107.2	2	6.26."
MCDONNELL DOUGLAS	DC-08-55 W/BAC *QN*	325.00	204.70	JT3D-3B	4			15	S0	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	270.66	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-W-62 (BAC R-l)	350.00	240.00	JT3D-3B	4			12	35	100.5	101.2	100.2	3	6
MCDONNELL DOUGLAS	DC-0842 (BAC/MGM)	341.00	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	so	102.5	98.2	108.3	2	6,**
MCDONNELL DOUGLAS	DC-Ot-62 W/ADC QN	335.00	240.00	JT3D-7	4			12	so	101.6	98.8	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-62 W/ADC QN	350.00	2S0.W	JT3D-3B	4			12	so	104.3	98.1	108.3	2	6,**

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-08-62 W/ADC QN	350.00	250.00	m n 7	4			12	50	103.4	98.5	108.3	2	6,**
MCDONNELL DOUGLAS	DC-Ot-62 W/TNC QN	335.00	240.00	JT3D-3B	4			12	50	102.0	99.3	107.8	2	6,**
MCDONNELL DOUGLAS	LXZM-62 W/TNC QN	350.00	250.00	JT3D-3B	4			12	50	103.9	98.9	107.9	2	6,**
MCDONNELL DOUGLAS	DC-OS-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	m n 7	4			12	35	102.7	100.7	107.6	2	6,**
MCDONNELL DOUGLAS	DC-08-63 (BAC R-l)	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	91.9	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-W-63 W/ADC QN	355.00	245.00	JT3D-7	4			12	50	104.1	98.4	1M.3	2	6,**
MCDONNELL DOUGLAS	DC-0863 W/ADC QN	355.00	275.00	JT3D-3B	4			12	50	104.1	98.1	101.5	2	6,**
MCDONNELL DOUGLAS	DC-0843 W/ADC QN	355.00	275.00	JT3D-7	4			12	50	104.1	98.4	108.4	2	6,**
MCDONNELL DOUGLAS	DC-W-63 W/TNC QN	335.00	240.00	JT3D-3B	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-0143 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	DUN-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	*

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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	220	6.00	12	50	95.2	92.8	98.2	3	•
MCDONNELL DOUGLAS	DC-08-73	355.00	258.00	CFM56-2-CI	4	22.0	6.00	12	50	95.7	92.8	91.3	3	•
MCDONNELL DOUGLAS	DC-08-73	355.00	275.00	CFM56-2-C1	4	22.0	6.00	12	50	95.1	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	102.1	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	I
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

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
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	91.10	JT8D-17	2	16.0	1.02	0	SO	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	KID-7A	2	140	1.10	0	SO	95.I	97.3	97.3	2	I
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	loo.3	103.7	2	24
MCDONNELL DOUGLAS	DC-09-30	11000	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-w-30	IIO.W	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	I
MCDONNELL DOUGLAS	DC-09-30	J14.00	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)	III.00	10J.W	JT8D-11	2			0	40	90.3	97.3	96.0	3	
MCDONNELL DOUGLAS	DC-W-30 (ABS/SA16136L)	103.00	99.00	JT8D-9/9A	2			0	40	89.7	96.8	96.0	3	12
MCDONNELL DOUGLAS	DC-W-30 (ABS;STC SA1613G	1 0 7 . 0 0	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	1 0 1 . 0 0	JT8D-7/7A/7B	2			0	40	91.0	95.8	96.0	3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	1 0 S . W	101.00	JT8D-9/9A	2			0	40	90.3	96.7	96.1	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATE0 TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOLSE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
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	a9.7	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	llo.w	101.00	JT8D-9	2	14.5	1.00	0	SO	96.1	98.8	99.1	2	I
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-15	2	15.5	1.03	0	50	97.1	102.1	101.4	2	I
MCDONNELL DOUGLAS	DC-09-34	121.00	llo.w	snD.17	2	16.0	1.02	0	so	98.0	103.0	101.9	2	I
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-11	2	15.0	I.04	0	50	96.8	99.5	994	2	1
MCDONNELL DOUGLAS	DC-m-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	llo.w	JT8D-15	2	15.5	1.03	0	so	97 a	102.2	101.9	2	1
MCDONNELL DOUGLAS	DC-09-50	115.00	llo.w	JT8D-15	2	15.5	1.00	0	50	96.1	102.4	101.9	2	1
MCDONNELL DOUGLAS	DC-09-50	121.00	llo.w	JT8D-17	2	16.0	1.02	0	50	98.1	103.2	101.9	2	1
MCDONNELL DOUGLAS	DC-IO-10	410.00	347.80	CF6-6D	3	39.3	5.70	14	50	97.4	97.0	1049	3	·
MCDONNELL DOUGLAS	DC-IO-10	410.00	347.10	CF6-6K	3	39.3	5.90	14	50	96.8	96.3	103.3	3	·
MCDONNELL DOUGLAS	DC-lo-10	430.00	347.10	CF6-6K2	3	40.9	5.90	11	50	97.4	96.5	103.3	3	·

AIRCRAFT NOISE DATA FOR UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW %	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-lo-10	4SJ.W	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-lo-10	455.00	363.50	CF6-6D1	3	40.3	5.10	4	50	100.2	96.6	105.5	3	•
MCDONNELL DOUGLAS	DC-IO-10	455.00	363.50	CF6-6D1A	3	40.9	5.80	4	50	100.2	96.6	105.5	3	•
MCDONNELL DOUGLAS	DC-IO-10	43000	363.50	CF6-6D1A	3	40.9	5.80	11	50	98.1	97.0	105.5	3	•
MCDONNELL DOUGLAS	DC-IO-10	455.00	363.50	CF6-6K	3	39.3	5.90	0	50	100.9	95.5	103.8	3	•
MCDONNELL DOUGLAS	LX-IO-10	455.00	363.50	CF6-6K2	3	40 9	590	4	50	99.3	96.1	103.8	3	•
MCDONNELL DOUGLAS	DC-IO-IS	455.00	363.50	CF6-50C2-F	3	45.6	4.60	5	so	93.:	95.6	103.1	3	
MCDONNELL DOUGLAS	DC-lo-30	555.00	403.00	CF6-50A	3			5	50	101.8	101.3	106.3	2	•
MCDONNELL DOUGLAS	DC-lo-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-IO-30	572.00	403.00	CF6-50C1	3	51.8	4.20	10	so	102.1	96.3	106.3	3	
MCDONNELL DOUGLAS	DC-IO-30	555.00	403.00	CF6-50C2	3	51.8	4.30	5	50	96.8	97.8	105.0	3	
MCDONNELL DOUGLAS	DC-IO-30	555.00	403.00	CF6-50C2-B	3	53.2	4.30	5	50	96.1	91.4	105.0	3	
MCDONNELL DOUGLAS	DC-IO-30	555.00	403.00	CF6-50C2-R	3	50.4	4.40	10	50	97.3	91.2	105.0	3	
MCDONNELL DOUGLAS	DC-1040	5665.00	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	JO.4	4.30	10	so	102 3	97.5	106.6	3	
MCDONNELL DOUGLAS	DC-lo-30	590.00	411.00	CF6-50C1	3	51.8	4.20	10	50	103.0	9a.o	106.6	3	
MCDONNELL DOUGLAS	IX-IO-30	590.00	411.00	CF6-50C2	3	51.8	4.30	15	50	99.0	97.9	105.3	3	

AIRCRAFT NOISE DATA FOR
UNITE0STATESCERTIFICATEDTURBOJETPOWEREDAIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS I!2	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2-B	3	53.2	4.30	1s	50	98.7	98.5	105.3	3	
MCDONNEIL DOUGLAS	DC-lo-30	572.00	421.00	CF6-50C2-R	3	50.4	4.40	10	50	91.4	97.3	105.8	3	
MCDONNELL DOUGLAS	DC-lo-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-IO-30	572.00	424.00	CF6-50C2-B	3	53.2	4 30	10	50	91.4	98.5	106.0	3	15
MCDONNELL DOUGLAS	DC-IO-30	555 00	424 00	CF6-50C2-B	3	53.2	4.30	5	50	96.1	98.4	106.0	3	15
MCDONNELLDOUGLAS	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-1040	530.00	403.00	JT9D-20D	3	44.5	5.00	10	50	100.S	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	92.1	96.3	103.6	3	
MCDONNELLDOUGLAS	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.:	3	
McDomELLLx3uGLA.5	MD-11	611.00	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	95.6	96.1	104.4	3	
MCDONNELL DOUGLAS	MD-11	630.50	411.50	PW4462	3	62.0	5.00	10	50	95.0	96.5	104.4	3	
MCDONNELL DOUGLAS	MD-1 1 A-l	602.50	430.00	CF6-80C2D1F	3	61.5	5.30	10	50	92.1	96.4	103.6	3	
MCDONNELL DOUGLAS	MD-11 A-l	60250	430.00	PW4460 (-3)	3	60.0	5.00	10	50	93.9	96.2	103.4	3	
MCDONNELL DOUGLAS	MD-I 1 A-l	602.50	430.00	PW4462 (-3)	3	62 0	5.00	10	50	93.3	96.6	103.4	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW me!!!	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS IQ	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
MCDONNELL DOUGLAS	MD-1 1 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-l	630.50	411.50	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-10	140.00	128.00	JT8D-209	2	19.2	1 a3	0	40	88 9	94 7	92.8	3	10
MCDONNELL DOUGLAS	MD-IO	14000	128.00	JT8D-219	2	21.7	1.70	0	40	M.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-SO	142.00	130.00	JT8D-217	2	20.8	1.80	0	40	88.2	96.1	92.9	3	10
MCDGNNELL DOUGLAS	MD-80	149.50	13000	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	a4 1	96.5	92.9	3	10
MCDONNELL DOUGLAS	MD-17	140.00	128.00	JT8D-219	2	21.7	1.70	0	40	86.5	97.1	93.3	3	10
MCDONNELL DOUGLAS	MD-17	149.50	130.00	JT8D-217A	2	20.1	1.80	1	40	19.7	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	13000	JT8D-219	2	21.7	1.70	1	40	88.5	97.1	93.3	3	10

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS IQ	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	MD-90-30	135.00	13000	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	17.2	91.4	91.7	3	
MCDONNELL DOUGLAS	MD-90-u)	164.00	142.00	V2525-D5	2	25.0	4.M	5	40	t42	81.7	91.8	3	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2528-D5	2	280	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	tt.4	85.8	[illegible]	
MITSUBISHI	MU-300-10 (DIAM. II)	15.78	14.22	JT15D-5	2	2.81	2.10	10	30	88.6	93.7	91.4	'3	•
RAYTHEON	HAWKER 125- IA	21.20	19.60	TFE731-3-1H	2	3.70	2.70	0	45	83 4	90.1	96.0	3	
RAYTHEON	HAWKER 125- IA	21.70	19.60	TFE731-3-1H	2	3.70	2.10	0	45	842	90.0	96.0	3	
RAYTHEON	HAWKER 125- 3A	21.70	20.00	TFE731-3-1H	2	3.70	2.10	0	4s	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	95.1	3	
RAYTHEON	HAWKER 125- 400A	23.60	20.00	TFE731-3-1H	2	3 70	2 70	0	45	855	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	t92	96.3	3	
RAYTHEON	HAWKER 125- 600A	25.50	2200	VIPER 601-22	2	365	0 00	0	43	923	992	1029	2	12
RAYTHEON	HAWKER 123 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	21.40	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	to.9	87.2	96.5	3	
RAYTHEON	HAWKER 125- 800A	27.40	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	to.9	19.6	96.5	3	25

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
RAYTHEON	HAWKER 125-1000	31.00	25.00	PW305	2	5.20	450	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	15.7	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	9a.4	2	
SABRELINER	SABRELINER 60	20.20		JT12A-8	2	3.30			24	95.0	loo.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	21.10	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	2.10	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	•

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 Suppresser 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-l 109 (Without APU Surge Bleed).

Appendix 1 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.

EQUATIONS FOR TEE 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.	$89 + 4\left\{\dfrac{\log \frac{W}{44{,}673}}{\log 2}\right\}$
Over 850,000 lb.	106

3 ENGINES

Up To And Including 63,177 lb	89
Over 63,177 To 850,000 lb.	$89 + 4\left\{\dfrac{\log \frac{W}{63{,}177}}{\log 2}\right\}$
Over 850,000 lb.	104

2 ENGINES OR LESS

Up To And Including 106,250 lb.	89
Over 106,250 To 850,000 lb.	$89 + 4\left\{\dfrac{\log \frac{W}{106{,}250}}{\log 2}\right\}$
Over 850,000 lb.	101

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

STAGE 3-SIDELINE (EPNdB)

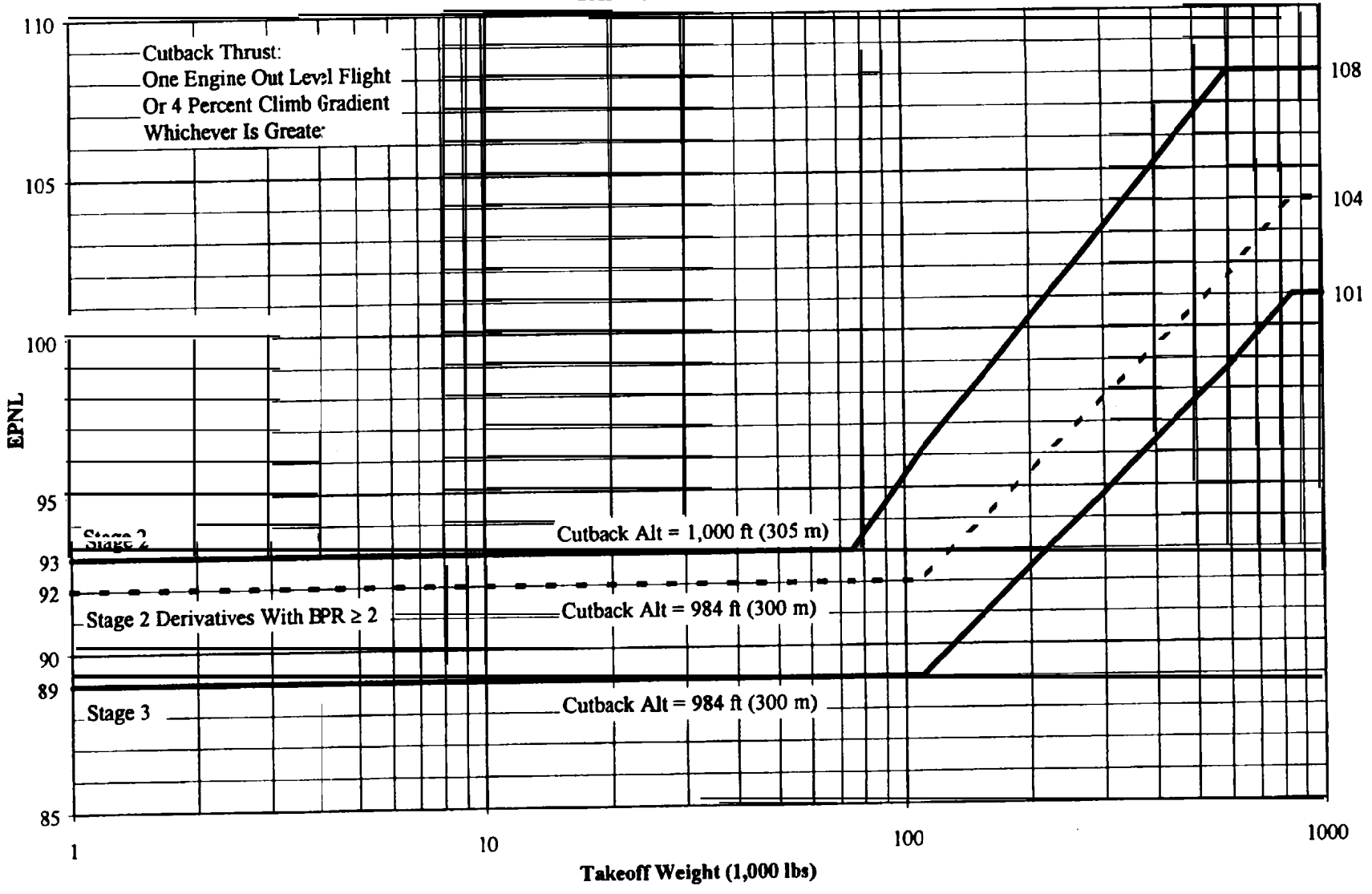
Up To And Including 77,200 lb.	94
Over 77,200 lb. To 882,000 lb.	$94 + 2.56\left\{\frac{\log \frac{W}{77200}}{\log 2}\right\}$
Over 882,000 lb.	103

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

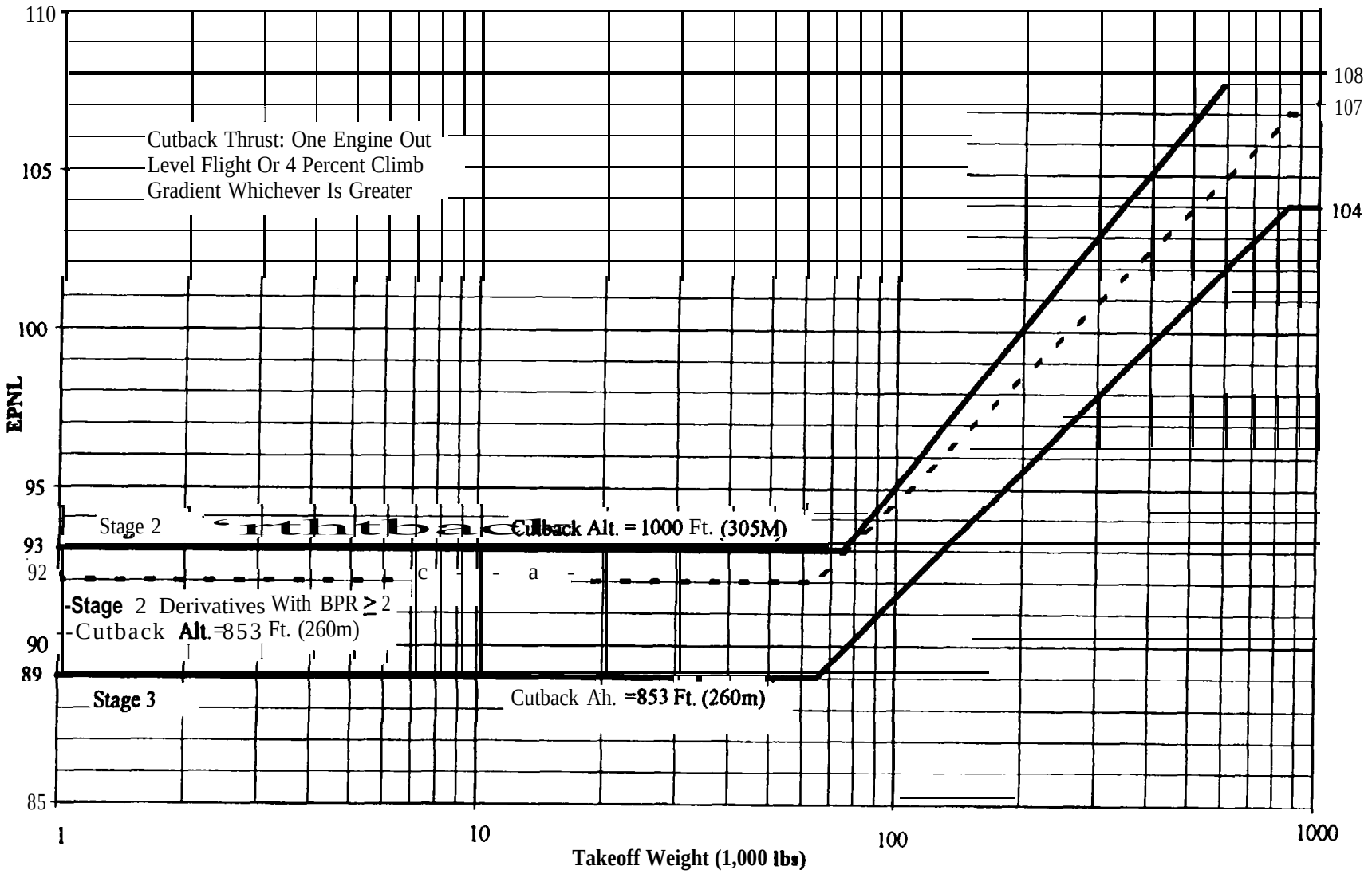
NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES

TAKEOFF - 2 ENGINE



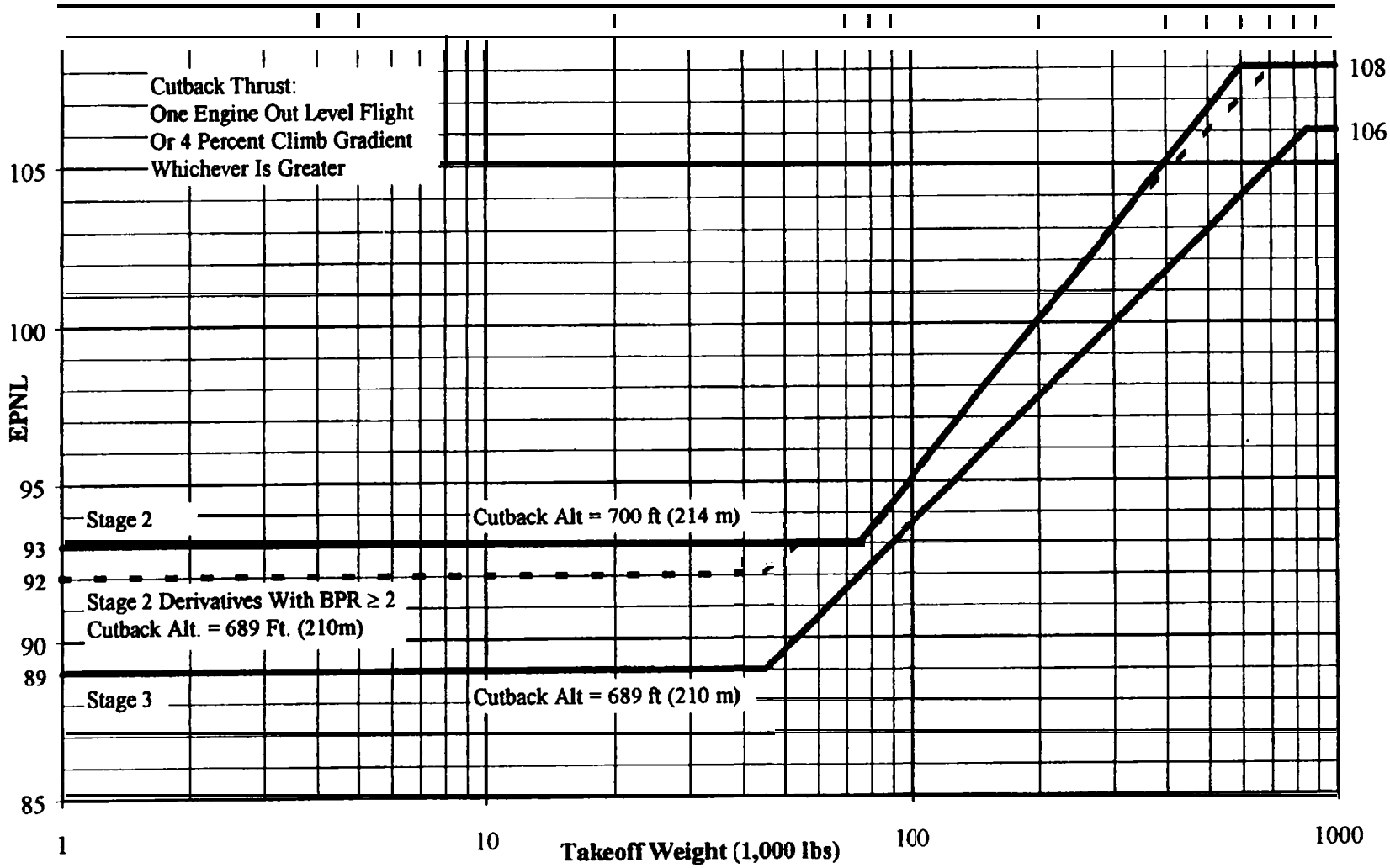
NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES

TAKEOFF - 3 ENGINE



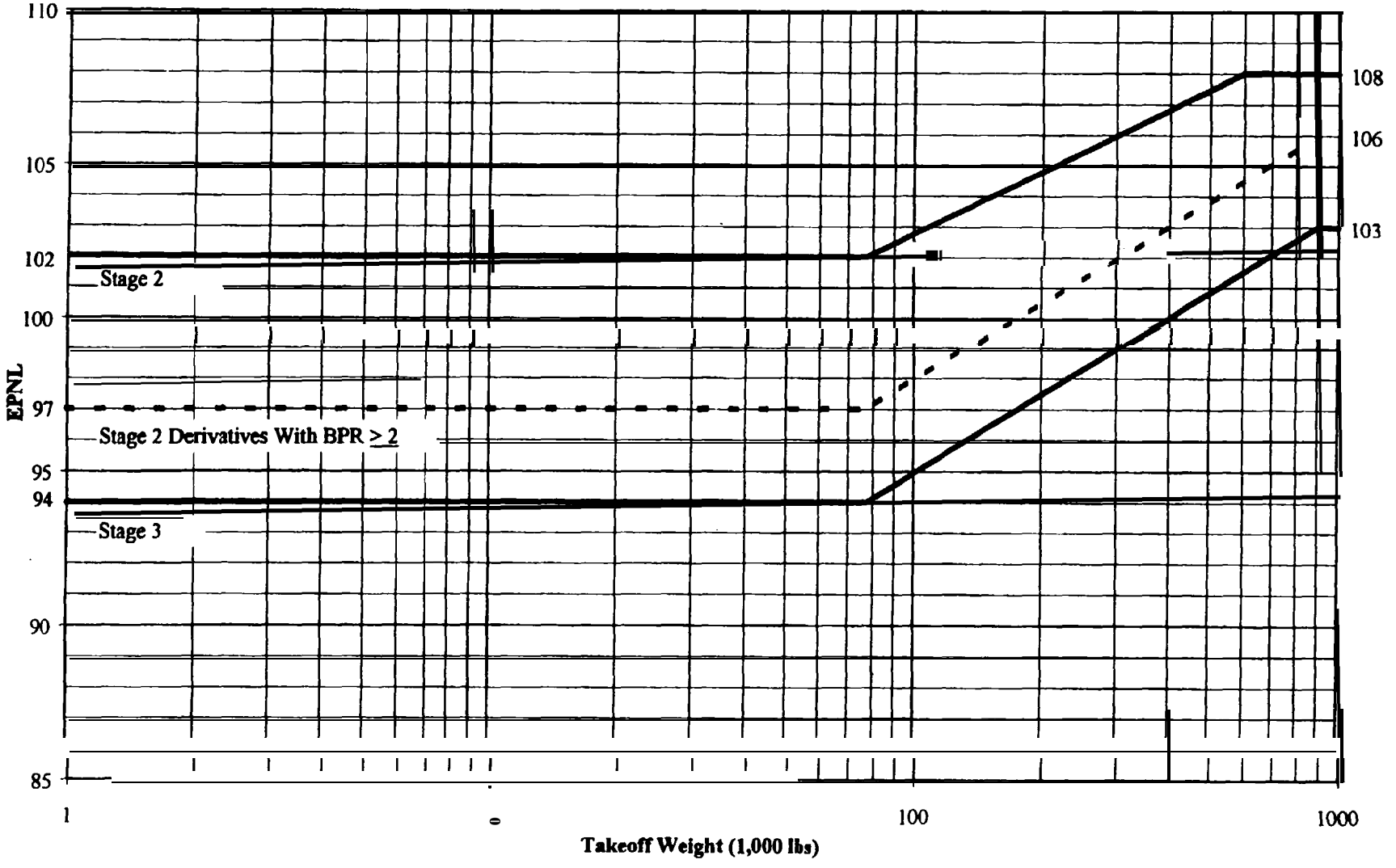
NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES

TAKEOFF - 4 ENGINE

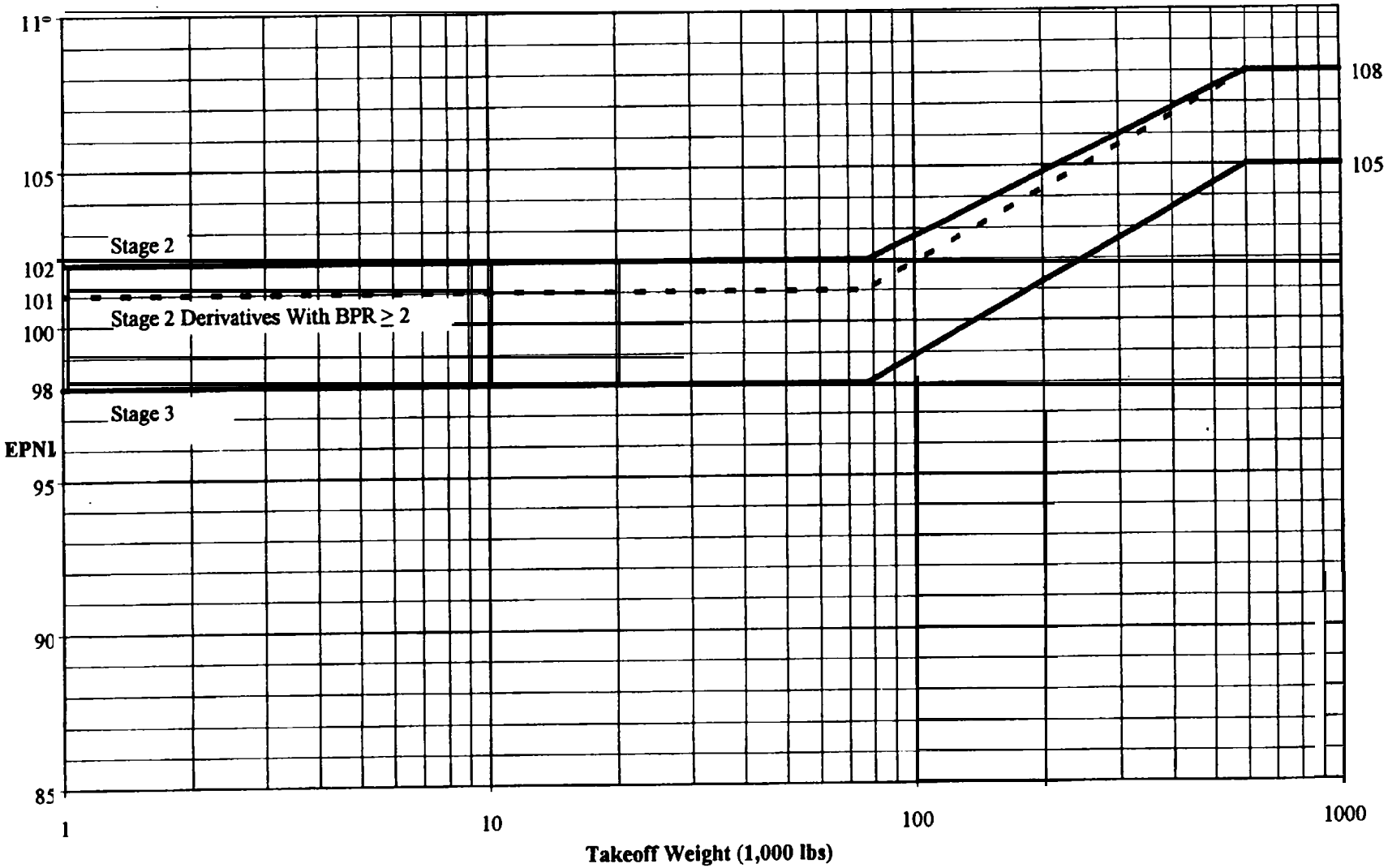


NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES

SIDELINE



NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES
APPROACH



AIRCRAFT NOISE DATA FOR
FOREIGN CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	CHAPTER	NOTES
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	91.4	105.9	2	
AEROSPATIALE	CARAVELLE 12	123.40	109.00	JT8D-9	2	14.2	1.10	5	45	95.3	96.3	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	41.4	4.60		25	17.9	90.7	101.1	2	
AIRBUS	A300B2 K3C	313.10	2M.70	CF6-50C	2	so.4	4.30		25	17.0	92.6	101.7	2	
AIRBUS	A300B2-1A	302 10	281.10	CF6-50A	2	48 3	4.60		25	17.9	90.7	101 I	2	
AIRBUS	A300B2-1C	29101	268.96	CF6-50C	2	50.4	4.30	0	25	19.9	97.5	102 9	3	
AIRBUS	A300B2-1C	313.05	286.70	CF6-50C	2	so.4	4.30	0	25	91 8	97 4	103.1	3	
AIRBUS	A300B2-202	313.00	287.00	CF6-50C1	2	51 7	460	0	25	89 3	93 5	102 0	3	
AIRBUS	A300B2-320	330.80	293 30	JT9D-59A	2	50 3	490	8	15	90 3	98 5	100.5	3	
AIRBUS	A300B4-102	347.30	294 80	CF6-50CI	2	51.7	460		25	90 1	933	101 9	2	
AIRBUS	A300B4-120	313.07	286.60	JT9D-59A	2			0	25	900	98.0	101.9	3	
AIRBUS	A300B4-120	363.71	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	363.71	299.14	JT9D-59A	2			0	25	93.6	97.5	102.3	3	
AIRBUS	A300B4-203	302.04	275.59	CF650.C2	2			0	25	t9.9	98.3	102.4	3	

AIRCRAFT NOISE DATA FOR
FOREIGN CERTIFICATED TURBOJET POWEREO AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	A!!	CHAPTER	NOTES
AIRBUS	A300B4-203	363.78	299.84	CF650.C2	2			0	25	93.9	97.9	102.9	3	
AIRBUS	A300B4-2C	347.30	293.30	CF6-50C	2	50.4	4.30		25	90.5	92.4	101.9	2	
AIRBUS	A300B4-2C	330.80	293.30	CF6-50C	2	50.4	4.30		25	699.0	92.4	101.9	2	
AIRBUS	A300B4-2C	337.40	293.30	CF6-50C	2	so.4	4.30		25	89.6	92.4	101.9	2	
AIRBUS	A300B4-620	330.69	28X.80	JT9D-7R4H1	2	36.0	5.00	0	40	89.3	99.4	100.7	3	
AIRBUS	A300B4-620	385.81	319.67	JT9D-7R4H1	2	56.0	5.00	0	40	93.0	98.9	101.0	3	
AIRBUS	A300B4-622-R	330.69	266.60	PW4156	2	57.8	4 70	0	40	88.0	91.0	101.3	3	
AIRBUS	A300B4-622-R	385.81	319.67	PW4158	2	57.8	4.70	0	40	93.1	97.6	101.9	3	
AIRBUS	A300B42C-13	302.03	286.60	CF6-50C2R	2	50.4	4.30	0	25	19.8	96.9	102.4	3	
AIRBUS	A300B42C-13	347.22	299.13	CF6-50C2R	2	50.4	4.30	0	25	93.2	96.7	102.4	3	
AIRBUS	A310-203	275.58	261.25	CF6-80A3	2	50.0	4.60	0	40	67.5	97.1	99.7	3	
AIRBUS	A310-203	305.56	267.16	CF6-80A3	2	50.0	4.60	0	40	90.2	96.8	99.9	3	
AIRBUS	A310-222	273.5:	261.25	JT9D-7R4	2	50.0	5.00	0	40	86.3	95.6	100.6	3	
AIRBUS	A310-222	305.56	267.86	JT9D-7R4	2	50.0	5.00	0	40	69.7	95.4	100.6	3	
AIRBUS	A320-111	132.28	130.07	CFM56-5A1	2	25.0	6.00	10	35	82.1	94.:	96.3	3	
NRBUS	A320-111	169.75	147.71	CFM56-5A1	2	25.0	6.00	10	35	69.8	94.3	96.7	3	
ANTONOV	AN-124	864.20	727.50	A-18T	4					109.9	100.4	1oa.2	2	
BAe	l-11 475	92.00	64.00	SPEY 512-14DW	2	12.5	0 70	6	45	93.0	102.2	100.3	2	1
BAe	l-11 500	99.70	67.00	SPEY 512-14DW	2	12.6	0.70	6	45	95 3	101.6	100.0	2	1
BAe	l-11 500S	104.50	87.00	SPEY 512-14DW	2	12.6	0.70	6	45	97.0	101.0	100.0	2	1
BAe	1-11 510	92.50	66.00	SPEY 512-14E	2	12.0	0.70	a	45	93.3	101.7	101.7	2	1
BAe	146-100-20	a2 25	73.35	ALF502R-3	4	6.70	5.90	18	33	83.1	16.9	95.2	3	

AIRCRAFT NOISE DATA FOR
FOREIGN CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS IQ	FLAPS At!	NOISE LEVEL (EPNdB) TO	SL	AP	CHAPTER	NOTES
BAe	146-200-01	89.50	79.50	ALF502-5	4	6.97	5.70	18	33	14.9	17.3	95.6	3	
BAe	CONCORDE	400.00	245.00	OLYMPUS 610	4	31.5				119.5	112.0	117.0		
BAe	Hs 125-l	20.00	11.10	VIPER 520	2	3.00	0.00	0	45	91.1	97.3	103.6	2	
BAe	HS 125-1B	2i.m	19.55	VIPER 521	2	3.20	0.00	0	45	91.6	91.4	104.1	2	
BAe	HS 125-1B/522	21.20	19.55	VIPER 522	2	3.30	0.00	0	45	19.8	100.0	104.3	2	
BAe	HS 125-1B/R522	22.20	19.60	VIPER 522	2	3.30	0.00	0	4s	90.5	100.0	104.4	2	
BAe	HS 125-3B	21.70	20.00	VIPER 522	2	3.30	0.00	0	45	90.6	100.0	104.4	2	
BAe	HS 125-3B/RA	22.80	20.00	VIPER 522	2	3.30	0.00	0	45	91.5	100.0	104.5	2	
BAe	Hs 125-400B	23.30	20.00	VIPER 522	2	3.30	0.00	0	45	92.0	100.0	104.5	2	
BAe	HS 125-403B	23.60	20.00	VIPER 522	2	3.30	0.00	0	45	92.4	100.0	104.5	2	
BAe	Hs 125-600B	25.50	22.00	VIPER 601-22	2	3.65	0.00	0	45	81.7	97.2	102.7	2	1
BAe	HS 125-600B	25.50	22 00	VIPER 601-U	2	3.65	0.00	0	45	93.4	101.1	101.9	2	
BAe	HS 125-600F	25.50	22.00	TFE 731-3-1H	2	3.70	2.70	0	45	18.0	89.3	96.0	3	
BAe	HS 125-700B	25.50	22.00	TFE 731-3-1H	2	3.70	2.70	0	45	88.0	19.3	96.0	3	
FOKKER	614	44.10	44.10	M45H	2	6.11	3.10		35	90.5	89.6	99.0	2	
FOKKER	F28 MK2000	65.00	59.00	RB183MK555-15	2	41.8	1.00	6	42	90.0	99.5	101.8	2	
ILYUSHIN	IL-62M	363.76	231.41	D-30KU	4	44.0	2.46	30	30	1069	100.5	105.0	2	
ILYUSHIN	IL-62M	369.30	235.90	D-30KU	4	24.3	2 40	30	30	102.5	99.1	102.6	3	1
ILYUSHIN	IL-76T(TD)	374.80	334.00	D-30KP	4	26.5	2.36	30	30	103.1	102.7	lot.9	2	
ILYUSHIN	IL-86	463.00	385.80	NK-86	4	21.7	1.30	30	40	107.4	104.2	105.1	2	
TUPOLEV	TU-134	99.20	88.20	D-30-I	2	150	1.00	10	38	92.9	101.9	101.4	2	
TUPOLEV	TU-134A-3/B-3	101.00	94.80	D-30-III	2	15.3	0.84	10	30	96.7	102.5	101.3	2	

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	CHAPTER	NOTES
NPOLEV	TU-134A-3/B-3	104.90	94.80	D-30-III	2	15.3	0.84	10	30	95.5	102.5	101.3	2	
TUPOLEV	TU-134A/B	103.62	9479	D-30-II	2	15.0	1 00	10	38	95.3	101.9	102.1	2	
NPOLEV	N-154	216.05	171.96	NK-a-2u	3	23.2	1.00	28	45	loo.1	97.8	106.0	2	
NPOLEV	N-154	211.60	172.00	NK-a-2u	3	23.2	1.00	28	45	100.1	97.8	105.0	2	
TUPOLEV	N-1 54M	220.50	176.40	D-30KU-154	3	24.3	2.40	28	45	94.3	91.0	102.5	2	
NPOLEV	TU-154M	220.50	176.40	D-30KU-154	3	24.3	2.40	15	4s	92.5	99.5	102.0	3	I
YAKOLEV	YAK-40	35.27	32.40	Al-25	3	3.30	2.00	20	35	:a.7	85.3	99.3	2	
YAKOLEV	YAK-42	119.00	110.23	D-36	3	14.3	6.00	20	45	93.8	93.6	102.6	2	
YAKOLEV	YAK-42	124.60	111.30	D-36	3	14.3	6.00	20	45	90.9	92.8	99.6	3	I

Appendix 2 Notes

1 Equipped With Standard Hushkit
2 Quipped With Modifications 3305 And 3373
• Power Takeoff

STAGE 3

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
AEROSPATIALE	SN601 CORVETTE	13.90	12.40	JT15D-4	2	250	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	17.4	98.8	99.5	3	
AIRBUS	A300 B4-605R	315.46	319.31	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	18.0	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	261.90	JT9D-7R4D1	2	41.0	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	15.7	96.5	91.5	3	
AIRBUS	A310-304	352.74	286.60	CF6-80C2A2	2	53.5		0	40	92.9	96.1	91.8	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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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	17.1	94.3	96.4	3	
AIRBUS	A320-231	162.00	142.20	V2500 A1	2	21.0			40	86.6	92.1	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					67.0	97.9	96.5	3	
AIRBUS	A330-301	507.06	418.88	CF6-80E1A2	2					94.2	97.2	91.7	3	
AIRBUS	A330-321	396.83	330.69	PW4164	2					88.5	91.0	91.3	3	
AIRBUS	A330-321	507.06	411.81	PW4164	2					93.6	97.5	91.0	3	
AIRBUS	A330-322	396.83	330.69	PW4168	2					17.6	91.6	91.3	3	
AIRBUS	A330-322	507.06	418.11	PW4168	2					94.3	98.3	91.0	3	
AIRBUS	A340-212	415.01	363.76	CFM56-5C3	2					11.1	95.1	97.3	3	
AIRBUS	A340-212	595.25	440.92	CFM56-5C3	2					96.1	95.4	91.2	3	
AIRBUS	A340-312	415.02	363.16	CFM56-5C3	2					11.0	95.1	97.3	3	
AIRBUS	A340-312	595.24	440.92	CFM56-5C3	2					96.2	95.3	97.2	3	
AVRO	146-RJ 85	10.00	77.50	LF 507-1F	4			18	33	79.0	89.1	96.9	3	
AVRO	146-RJ 85	97.00	15.00	LF 507-1F	4			11	33	14.3	11.4	97.3	3	
BAe	146-100A	76.00	72.35	ALF502R-3	4	6.70	5.90	18	33	10.7	67.2	95.1	3	
BAe	146-100A	76.00	72.35	ALF502R-3A	4	6.97	5.70	11	33	79.0	11.0	94.9	3	
BAe	146-100A	12.25	73.3s	ALF502R-3A	4	6.97	5.70	11	33	12.3	17.6	95.2	3	
BAe	146-100A	12.25	73.35	ALF502R-5	4	6.91	5.70	11	33	12.3	17.6	95.2	3	
BAe	146-100A	84.00	77.50	ALF502R-5	4	6.91	5.70	18	33	11.1	17.7	95.6	3	

*****STAGE 3*****

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
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	15.2	87.3	95.1	3	
BAe	146-300	95.00	83.00	LF 507-1H/-1F	4			18	33	84.0	87.9	97.2	3	
BAe	146-300	101.50	II.50	LF 507-1H/-1F	4			18	33	86.3	17.6	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	14.50	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	II.4	87.3	95.8	3	
BEECH	BEECHJET 400	15.78	1422	JT15D-5	2	2.88		10	30	88.6	93.7	91.4	3	•
BOEING	B-727-100 (Dee Howard)	169.50	137.50	TAY 651-W	3			5	40	92.1	92.3	98.4	3	
BOEING	B-727-100 (Dee 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	97.1	3	35
BOEING	B-727.100 (FED EX;STC SA3993NM)	163.u)	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)	16950	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	mD.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 1000#	M L W 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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 (FEDEX;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)	15s.w	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+FAN 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.w	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	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.w	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-m (FED EX;STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+CHIN CSD	3				30	97.6	98.0	98.1	3	n
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

STAGE 3

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	M L W 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
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				40	91.4	97.5	96.7	3	27
BOEING	B-737-200(AVAERO;STC ST223CH)	100.80	95.M)	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	27.4 I
BOEING	B-737-200(AVAERO;STC ST223CH)	100.50	98.00	JT8D-15	2				40	84.9	96.9	98.6	3	35.42
BOEING	B-737-200(AVAERO;STC ST223CH)	100 50	98.00	JT8D-9	2				40	86.3	95.7	98.6	3	35.41
BOEING	B-737-200(AVAERO;STC ST223CH)	121.50	107.00	JT8D-15	2			I	30	91.3	96.9	96.3	3	35.42
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.10	107.00	JT8D-17	2				30	91.4	975	94.8	3	27
BOEING	B-737-200 (AVAEROSTC 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				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				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				40	85.3	95.7	96.9	3	27.41
BOEING	B-737-m ADV(AVAERO;STC	100.50	98.00	JT8D-9	2				40	86.4	95.8	98.3	3	35.41
BOEING	B-737-200 ADV(AVAERO;STC	124.50	107.00	JT8D-15	2				30	91.8	96.7	96.3	3	35.42
BOEING	B-737-200 ADV(AVAERO;STC	128.10	107.00	JT8D-17	2				30	91.2	97.7	94.8	3	27
BOEING	B-737-200 ADV(AVAERO;STC	121.50	107.00	JT8D-9	2				40	91.5	95.0	97.7	3	27.41
BOEING	B-737-200 ADV(NORDAM;STC	110.20	98.00	JT8D-9	2				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 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
BOEING	B-737-200 ADV(NORDAM;STC	124.50	107.00	JT8D-9	2			1	40	91.9	94.4	91.6	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	91.00	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	16.1	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	111.70	107.00	JT8D-9 w/LGW HUSHKIT	2			1	30	91.6	96.1	95.9	3	36
BOEING	B-737-500 ADV(NORDAM;STC	122.90	107.00	JT8D-9 w/LGW-L HUSHKIT	2			1	30	91.1	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	200	5.00	1	40	12.4	89.7	98.5	3	
BOEING	B-737-300	124.50	llO.W	CFM56-3 w/HWFAP	2	22.0	5.00	1	40	t1.6	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	19.7	97.4	3	38
BOEING	B-737-300	124.50	110.00	CFM56-3-B1	2	20.0	5.00	1	40	14.4	90.4	99.6	3	
BOEING	B-737-m	124.50	110.00	CFM56-3B-2	2	22.0	4.90	I	40	t2.a	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	19.2	91.6	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	I	40	13.9	90.9	91.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	200	5.00	1	40	85.2	89.2	97.6	3	38
BOEING	B-737-m	139.50	121.00	CFM56-3-B1	2	20.0	5.00	1	40	17.5	89.9	100.1	3	
BOEING	B-737-300	139.50	121.00	CFM56-3B-2	2	22.0	4.90	1	40	as.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	

*****STAGE 3*****

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) IQ	SL	AP	STAGE	NOTES
BOEING	B-737-400	130.00	121.W	CFM56-3 w/HWFAP	2	23.5	5.00	5	40	12.4	92.1	986	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	22.0	5.00	5	40	82.8	91.2	97.1	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-737400	130.00	121.00	CFM56-3 w/HWFAP	2	23.5	5.00	5	40	82.4	92.1	97.7	3	31
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	20.0	5.00	5	40	13.8	89.8	977	3	38
BOEING	B-737-400	142.50	121.00	CFM56-3-BI	2	20.0	5.00	5	40	18.9	89.6	100.2	3	
BOEING	B-737-#	138.50	121.00	CFM56-3-B1	2	20.0	5.00	5	40	17.2	90.0	100.2	3	
BOEING	B-7374W	131.50	121.00	CFM56-3B-2	2	22 0	4.90	5	40	85.7	92.1	100.2	3	
BOEING	B-737400	138.50	121.00	CFM56-3C-I	2	23.5	4.90	5	40	85.0	93.2	100.2	3	
BOEING	B-737400	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	15.9	91.6	98.6	3	
BOEING	B-737-400	142.50	124.00	CFMM3 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.w	5	40	86 9	88.9	916	3	
BOEING	B-737-400	150.W	124.00	CFM56-3 w/HWFAP	2	22.0	5.w	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	916	3	
BOEING	B-737400	150.00	124.00	CFM56-3B-2	2	22 0	490	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 I	100.2	3	
BOEING	B-737-m	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	200	5 00	5	40	80 4	90.2	91.4	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	200	5.00	5	40	10.4	90.2	97.2	3	38
BOEING	B-737-500	115.50	105.00	CFM56-3-B1	2	20.0	5.00	5	40	12.7	90.8	99.4	3	

STAGE 3

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B-737-500	115.50	105.00	CFM56-3-B1(R)	2	18.5	5.0	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-737-800	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	81.1	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	101.0	3	

STAGE 3

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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	101.1	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	40	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	S,M	10	40	99.0	98.2	105.2	3	
BOEING	B-747-400	600.00	564.00	CF6-80C2B1F	4	57.9	S,M	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	

-STAGE 3***

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	M L W 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B-147400	875.00	652.00	CF6-80C2B1F	4	57.3	5.00	10	30	99.X	98.2	103.X	3	
BOEING	B-747400	X75.00	652.00	CF6-80C2B1F W/N1 MOD	4	57.3	5.00	10	30	99.9	97.9	103.x	3	
BOEING	B-747400	870.00	652.00	PW 40%	4	56.7	4.80	10	30	101.5	99.7	104.7	3	
BOEING	B-147400	875.00	652.00	PW4056 PH3 (FB2B)	4	56.X	4.80	10	30	99.7	91.6	103.6	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C)	4	56.X	4.10	10	30	9X.6	98.4	103.0	3	
BOEING	B-747-400	X75.00	652.W	PW4056 PH3 (FB2C) NR	4	56.X	4.80	10	30	97.4	9x. I	102.1	3	
BOEING	B-747400	875.00	652.00	PW4056 PKG A (FB2T)	4	56.X	4.10	10	30	101.6	99.7	104.7	3	
BOEING	B-747-400	X75.00	652.00	PW4056 PKG B/PHASE I	4	56.X	4.80	10	30	99.3	91.5	103.4	3	
BOEING	B-747-400	X75.00	652.00	RB211-524G	4	58.0	4.10	IO	30	99.2	98.0	103.X	3	
BOEING	B-747100	870.00	652.00	RB21J-524H	4	60.6	4.10	10	30	99.5	98.8	103.X	3	
BOEING	B-747-400	X7S.W	652.00	RB211-524H2	4	58.0	4.10	10	30	98.0	9X.X	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.X	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	9x 7	102.3	103.X	3	
BOEING	B-747-SP	702.00	475.00	JT9D-7J	4	50.0	5.10	10	30	100 1	103.3	103.1	3	
BOEING	B-747-SP	696.00	475.00	JT9D-7J	4	50.0	5.10	10	30	99X	103.5	103 x	3	
BOEING	B-747-SR	571.00	564.00	CF6-45A2	4	46.5	4.10	10	30	9X4	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-737-200	220.00	198.00	PW 2037	2	3x 2	5x0	5	30	86 2	94.0	97.7	3	

STAGE 3

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	M L W 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) IQ	SL	AP	STAGE	NOTES
BOEING	B-757-200	220.00	191.00	PW 2040	2	41.7	5.70	5	30	14.6	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-157-100	255.50	210.00	Pw 2037	2	38.2	5.80	5	30	91.4	93.1	98.1	3	
BOEING	B-757-206	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.w	RB211-535-E4	2	40.1	'4.10	5	30	16 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	I	30	14.9	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-761-200	212.00	257.00	JT9D-7R4D(B)	2	48.0	5.00	I	30	88.4	95.9	101.9	3	
BOEING	B-767-200	282.00	257.M)	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	I	30	87.7	95.3	957	3	
BOEING	B-767-200	335.00	270.00	PW4052	2	52.0	4.80	I	30	89.4	95.0	97.8	3	
BOEING	B-167-206	340.00	270.00	PW4056	2	56.7	4.80	1	30	88.5	96.0	97.11	3	
BOEING	B-767-200	351.00	215.00	PW4052	2	52.0	4.80	1	30	90.9	94.9	9a.2	3	
BOEING	B-767-200	360.00	300.00	CF6-80A	2	48.0	4.60	I	30	92.8	94.8	101.7	3	
BOEING	B-767-200	360.00	30a.w	CF6-80A2	2	50.0	4.60	I	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 1000#	MLW 1000#	[redacted]	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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	3w.w	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	46.0	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	13.7	95.2	95.8	3	
BOEING	B-767-200/200ER	299.60	270.00	PW4056 PH3 (FB2C) NRI	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	4.10	1	30	87.7	97.3	97.8	3	
BOEING	B-767-200/200ER	299.60	270.00	PW4060 PH3 (FB2C) NRI	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	3oo.w	CF6-80C2B4F	2	57.9	5.00	1	30	88.5	94.1	96.5	. 3	
BOEING	B - 7 6 7 - m	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	4w.w	3w.w	CF6-80C2B6F W/N1 MOD	2	61.5	5.00	1	30	90.5	95.5	96.5	3	
BOEING	B - 7 6 7 - m	395.00	3oo.w	PW4056 Flu (FB2C) Nlu	2	56.:	4.80	1	30	89.8	94.5	96.6	3	
BOEING	B-767-200/200ER	387.00	3oo.w	PW4060	2	60.0	4.80	I	30	91.6	96.9	98.6	3	
BOEING	B-767-200/200ER	395.00	300.00	PW4060 PH3 (FB2C) NRI	2	60.0	4.80	1	30	89.0	95.9	96.6	3	
BOEING	B-767-360	3oo.w	280.00	CF6-80A	2	48.0	4.60	5	30	17.5	95.2	101.7	3	
BOEING	B-767-300	3w.w	280.00	CF6-80A2	2	50.0	4.60	5	30	86.7	96.9	101.7	3	
BOEING	B-767-3%	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	19.2	96.4	96.5	3	
BOEING	B-767.300	218.70	2ao.w	CF6-80C2B2	2	52.5	5.00	5	30	83.1	94.3	96.5	3	

*****STAGE 3*****

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	M L W 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS IQ	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B-767-300	380.00	280.00	CF6-80C2B6F	2	61.S	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	3oo.w	2t0.W	JT9D-7R4E	2	50.0	5.00	5	30	90.0	96.5	Kc.3	3	
BOEING	B-767-300	380.00	2t0.W	PW 40%	2	56.7	4.80	5	30	92.0	96.0	98.8	3	
BOEING	B-767-300	3a0.W	280.00	PW4060	2	60.0	4 80	5	30	91.2	97.2	98.1	3	
BOEING	B-767-360	340.00	280.00	RB211-524G	2	51.0	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	9S.2	9t.5	3	
BOEING	B-767-300	351.00	320.00	CF6-80A	2	41.0	460	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-767-306	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-767-306	351.00	3m.w	JT9D-7R4D(B)	2	48.0	5.00	5	30	93.7	95.4	103.0	3	
BOEING	B-767-300	351.00	320.00	JT9D-7R4E	2	S0.0	5.00	5	30	95.0	96.2	103.0	3	
BOEING	B-767-300	407.00	320.00	PW 40%	2	56.7	4.80	5	30	94.2	95.7	1w.2	3	
BOEING	B-767-m	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.:	3	
BOEING	B-767-300	407.00	320.w	RB211-524H	2	60.6	4.10	5	30	92.9	94.1	99.8	3	
BOEING	B-767-300/300ER	29s.w	280.00	PW4056 PH3 (FB2C) NRI	2	56.0	4.80	5	30	a1.9	95.3	96.6	3	
BOEING	B-767-300/300ER	295.00	2w.w	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	14.6	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	

-STAGE 3***

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B-767-300/300ER	412.00	320.00	PW4060 PH3 (FB2C) NRI	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	4.110	5	30	92.2	99.0	100.2	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 PH3 (FB2C) NRI	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	95.1	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-m-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	590	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.w	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	4s	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	4s	84.7	89.5	91.6	3	•
CANADAIR	CL-600 (WINGLETS)	41.25	36.00	ALF-502L/L-2/L-2C	2			20	4s	84.8	89.5	91.6	3	
CANADAIR	CL-601	42.10	36.00	CF34-1A	2	1.63	6.30	20	45	79.4	84.9	89.4	3	•
CANADAIR	CL601	43.00	36.00	CF34-1A	2			20	4s	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	•

STAGE 3

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	M L W 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
CANADAIR	CL-601-3A	43.10	36.00	CF-34-3A	2			m	45	79.4	85.9	89.4	3	•
CANADAIR	CL-601-3A	45.10	36.00	CF-34-3A/-3A2	2			m	45	79.1	85.7	90.1	3	•
CANADAIR	CL-601-3R	45.10	36.00	CF-34-3A1	2			20	45	79.1	85.7	90.1	3	•
CANADAIR	CL-604	47.60	38.00	GE CF34-3B	2			20	45	10.9	86.2	90.3	3	•
CANADAIR	CL-604	48.20	31.00	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			m	45	79.8	82.2	92.1	3	.
CANADAIR	CRJ (CL-600-2B19)	53.00	47.00	CF-34-3B1	2			m	45	71.1	82.4	92.1	3	
CESSNA	500 CITATION	IO.30	9.900	JT15D-1	2	2.20	3.30	1s	40	76.4	86. I	87.7	3	•
CESSNA	500/501 CITATION I	I1.10	11.30	JT15D-1/-1A	2	2.20	3.30	15	40	76.0	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	JTlm-4	2	2.50	3.30	15	40	80.1	16.7	90.5	3	•
CESSNA	SSO CITATION II	14.10	13.50	JT15D-4	2	2.50	3.30	0	40	71.6	16.4	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	69.3	94.7	88.5	3	•
CESSNA	560 CITATION V	15.90	15.20	JT15D-5A	2	2.90	2.10	7	35	63.7	94.1	88.9	3	
CESSNA	560 CITATION V	16.30	15.20	JT15D-5A	2	2.90	2.10	7	35	64.6	94.6	86.9	3	
CESSNA	650 CITATION III	21.00	17.00	TFE731-3B-100S	2	3.65	3.11	m	37	64.9	92.5	92.4	3	
CESSNA	650 CITATION III	22.00	20.00	TFE731-3B-100S	2	3.65	3.11	7	37	60. I	92.4	93.1	3	22
CESSNA	750 CITATION X	35.70	31.80	AE3007C	2			I5	35	72.3	13.0	90.2	3	
CESSNA	SSSO CITATIONS/II	14.70	14.00	JT15D-4B	2	2.50	3.30	m	35	17.9	91.6	85.1	3	•
CESSNA	S550 CITATION S/II	IS.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	12.9	66.4	95.3	3	

-STAGE 3***

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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	21.76	TFE731-5AR-2C	2	4.50	3.70	15	40	82.9	a.4	90.7	3	
DASSAULT	FALCON 20-C5/D5/E5	30.50	28.80	TFE731-5BR-2C	2	4.10	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	a3.9	t9.0	93.9	3	
DASSAULT	FALCON200	32.00	21.81	ATF3-6A-4C	2	5.20	2.90	5	40	83.9	89.0	942	3	
DASSAULT	FALCON 2000	36.50	33.00	CFE738-1-1B	2	5.72	6.00	20	40	79.4	16.4	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	84.1	91.5	97.1	3	
DASSAULT	FALCON SO	40.78	35.71	TFE731-40-1C	3			20	40	13.8	92.0	95.2	3	
DASSAULT	FALCON 900	45.50	42.00	TFE731-5AR-1C	3	4.50	3.50	20	40	11.9	89.5	91.7	3	
DASSAULT	FALCON 900B	46.50	42.00	TFE731-5BR-1C	3	4.15	3.50	20	40	10.7	91.2	91.1	3	
DASSAULT	FALCON 9008	45.50	42.00	TFE731-5BR-1C	3	4.75	3.50	20	40	79 8	91.2	91.7	3	
FOKKER	F100	91.00	88.00	TAY MK650-15	2	14.7	3.00	0	42	81.8	91.7	93.0	3	
FOKKER	F70	11.00	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.I	89.5	11.3	3	
GULFSTREAM	G-Iv	73.20	58.50	TAY 611-t	2	13.8		10	39	76.1	87.3	91.0	3	

-STAGE 3***

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
GULFSTREAM	G-IV GULFSTREAM	71.70	58.50	TAY 610-8	2	12.4		20	39	79.0	66.5	91.0	3	
GULFSTREAM	G-IV GULFSTREAM w/ASC 190	74.60	66.00	TAY 611-l	2			10	39	77.5	66.6	92.0	3	
GULFSTREAM	G-V	90.50	75.30	BR700-710A1-10	2			20	39	13.3	69.3	90.9	3	
ISRAEL AIRCRAFT	1124 WESTWIND	22.90	19.00	TFE731-3-1G	2	3.70	2.60	m	40	61.2	86.4	93.0	3	
ISRAEL AIRCRAFT	1124A WESTWIND 2	23.50	19.00	TFE731-3-1G	2	3.70	2.80	m	40	65.4	88.7	92.6	3	·
ISRAEL AIRCRAFT	1125 ASTRA	24.70	20.70	TFE731-3A-200G	2			12	40	84.I	69.7	89.6	3	
ISRAEL AIRCRAFT	1125 ASTRA	23.50	20.70	TFE731-3A-200G	2			12	40	62.3	89.8	89.8	3	
ISRAEL AIRCRAFT	1125 ASTRA SPX	24.65	10.70	TFE731-40R	2			0	40	799	69.9	92.3	3	
LEARJET	31	16.50	15.30	TFE731-2-3B	2	3.50		6	40	81.0	87.0	92.6	3	•
LEARJET	31	15.50	15.30	TFE731-2-3B	2	3.50		8	40	79.6	67.2	92.6	3	•
LEARJET	35/36	16.00	14.30	TFE731-2-2B	2	3.50		m	40	64.5	67.9	92.2	3	•
LEARJET	35/36	17.00	14.30	TFE731-2-2B	2	3.50	2.00	20	40	64.0	66.9	922	3	•
LEARJET	35A	18.00	14.30	TFE731-2-2B	2	3.50		8	40	63.6	67.4	91.3	3	•
LEARJET	35A/36A	18.00	14.30	TFE731-2-2B	2	3.50		8	40	76.7	67.4	91.3	3	
LEARJET	35A/36A	18.30	15.30	TFE731-2-2B	2	3.50		6	40	79.2	66.7	91.4	3	
LEARJET	MA	18.30	15.30	TFE731-2-2B	2	3.50		m	40	13.9	67.1	91.4	3	•
LEARJET	55	19.50	17.00	TFE731-3A-2B	2	3.70		6	40	84.2	90.9	90.6	3	•
LEARJET	55	21.00	17.00	TFE731-3A-2B	2	3.70		6	40	65.5	90.7	90.6	3	•
LEARJET	55B	21.50	18.00	TFE731-3A-2B	2	3.70		20	40	66 3	90.7	91.0	3	•
LEARJET	55c	21.00	18.00	TFE731-3AR-2B	2	3.90	2.90	m	40	66.2	91.0	92.4	3	•
LEARJET	55c	21.50	18.00	TFE731-3AR-2B	2	3.90	2.90	20	40	66.7	90.9	92.4	3	•
LEARJET	60	23.10	19.50	PW305A	2			8	40	70.6	83.1	87.7	3	

-STAGE 3***

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS hi!	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
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	2.10	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	2.10	20	59	85.4	90.7	96.9	3	
LOCKHEED	L-101 1	430.00	358.00	RB21 l-228	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	91.4	97.8	101.5	3	5 •
LOCKHEED	L-1011-500	504.00	368.00	RB21 l-52483	3	50.0		22	33	98.0	96.9	100.2	3	5 •
LOCKHEED	L-1011-500	496.00	368.00	RB21 l-52483	3	50.0		14	33	91.4	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	91.6	94.1	102.1	3	
LOCKHEED	L1011-385-1-14/15	466.w	368.00	RB211-524B4	3	50.0		10	42	97.9	95.9	103.3	3	•
MCDONNELL DOUGLAS	DC-08-62 (BAC R-l)	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-IX-63 (BAC R-l)	355.00	275.00	m n 7	4			12	35	98.9	101.4	103.0	3	6
MCDONNELL DOUGLAS	DC-0163 (BAC/MGM)	353.00	275.00	JT3D-7	4			12	35	91.9	101.4	103.0	3	6
MCDONNELL DOUGLAS	DC-OS-71	325.00	240.00	CFM-56-2C5	4	22.0				94.3	92.9	91.3	3	•
MCDONNELL DOUGLAS	DC-08-71	32S.W	240.00	CFM56-2-C1	4	22.0	6.00	15	50	94.3	92.9	98.3	3	•
MCDONNELL DOUGLAS	DC-a-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-OS-72	335.00	240.00	CFM56-2-C1	4	22.0	6.00	12	50	94.4	92.9	98.1	3	•

STAGE 3

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	M L W 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-08-72	350.00	250.00	CFM56-2-C1	4	220	6.00	12	50	95.2	92.1	98.2	3	•
MCDONNELL DOUGLAS	Lx-w-13	355.00	251.00	CFM56-2-C1	4	22.0	6.00	12	50	95.7	92.8	98.3	3	•
MCDONNELL DOUGLAS	DC-on-73	355.00	275.00	CFM56-2-C1	4	22.0	6.00	12	50	95.7	92.1	98.5	3	•
MCDONNELL DOUGLAS	DC-09-10 (ABS)	90.70	11.70	JT8D-7/7A/7B	2			10	40	87 2	96.4	95.0	3	6
MCDONNELL DOUGLAS	DC-W-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)	loo.w	93.40	JT8D-9/9A	2			0	40	88.8	96.9	95.7	3	12.17
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA16136L)	103.00	99.00	JT8D-9/9A	1			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-09-31/32/32F/33F(ABS;STC	103.00	99.00	JT8D-7/7A/7B	2			0	40	90 3	95 9	96.0	3	
MCDONNELL DOUGLAS	DC-W-31/32/32F/33F(ABS;STC	107.00	101.00	JT8D-7/7A/7B	2			0	40	910	96.2	96.0	3	
MCDONNELL DOUGLAS	DC-IO-10	410.00	347 80	CF6-6D	3	393	5 70	14	50	914	91.0	104.9	3	•
MCDONNELL DOUGLAS	DC-lo-10	410.00	347.10	CF6-6K	3	393	5%	14	50	96 8	96.3	103.3	3	•
MCDONNELL DOUGLAS	DC-lo-10	430.00	347.10	CF6-6K2	3	40 9	5 90	11	so	97.4	96.5	103.3	3	•
MCDONNELL DOUGLAS	DC-lo-10	455.00	363.50	CF6-6D	3	39 3	5 70	0	50	101.8	96.0	105.5	3	•
MCDONNELL DOUGLAS	DC-lo-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 1000#	M L W 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-10-10	430.00	363.50	CF6-6D1	3	40.3	5.80	11	50	91.1	97.0	101.5	3	•
MCDONNELL DOUGLAS	DC-10-10	430.00	363.50	CF6-6D1A	3	409	5.80	11	50	98.1	97.0	105.5	3	•
MCDONNELL DOUGLAS	DC-lo-10	455.00	363.50	CF6-6D1A	3	40.9	5.80	4	50	100.2	96.6	105.5	3	•
MCDONNELL DOUGLAS	DC-lo-10	455.00	363.50	CF6-6K	3	39.3	3.90	0	50	100.9	95.5	103.1	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-IO-15	455.00	363.50	CF6-50C2-F	3	45.6	4.60	5	so	93.1	95.6	103.1	3	
MCDONNELL DOUGLAS	DC-IO-30	555.00	403.00	CF6-50C/H	3	SO.4	4.30	10	50	101.6	91.5	106.3	3	
MCDONNELL DOUGLAS	DC-10-30	572.00	403.00	CF6-50C1	3	51.8	4.20	10	50	102.1	91.3	106.3	3	
MCDONNELL DOUGLAS	DC-IO-30	555.00	403.00	CF6-50C2	3	51.8	4.30	5	50	96.8	97.8	105.0	3	
MCDONNELL DOUGLAS	DC-lo-30	55s.w	403.00	CF6-50C2-B	3	53.2	4.30	5	50	96.1	98.4	105.0	3	
MCDONNELL DOUGLAS	DC-IO-30	55s.w	403.00	CF6-50C2-R	3	50.4	4.40	10	50	91.5	91.2	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	572.00	411.00	CF6-50C/H	3	SO.4	4.30	10	so	102.3	97.5	106.6	. 3	
MCDONNELL DOUGLAS	DC-IO-30	590.w	411.00	CF6-50C1	3	51.8	4.20	10	50	103.0	98.0	106.6	3	
MCDONNELL DOUGLAS	DC-lo-30	590.00	411.00	CF6-50C2	3	51.8	4.30	15	so	99.0	91.9	105.3	3	
MCDONNELL DOUGLAS	DC-IO-30	590.00	411.00	CF6-50C2-B	3	53.2	4.30	15	SO	91.7	98 5	105.3	3	
MCDONNELL DOUGLAS	DC-IO-30	572.00	421.00	CF6-50C2-R	3	so.4	4.40	10	50	98.4	91.3	105.8	3	
MCDONNELL DOUGLAS	DC-IO-30	555.00	424.00	CF6-50C2	3	51.8	4.30	5	SO	96.8	97.1	106.0	3	1s
MCDONNELL DOUGLAS	DC-IO-30	572 00	424.00	CF6-50C2-B	3	53 2	4.30	10	so	91.4	98.5	106.0	3	15
MCDQNNELL DOUGLAS	DC-IO-30	555.00	424.00	CF6-50C2-B	3	53.2	4 30	5	SO	96.1	98.4	106.0	3	15
MCDONNELL DOUGLAS	DC-IO-U)	590.00	436.00	CF6-50C2	3	51.8	4.30	15	so	99.0	97.1	106.4	3	15
MCDONNELL DOUGLAS	DC-1040	530.60	403 00	JT9D-20D	3	44.5	5.00	10	50	100.8	95.2	105.7	3	•
MCDONNELL DOUGLAS	DC-IO-40	55s.w	403.00	JT9D-59A	3	51.7	4.90	10	SO	101.4	91.0	106.4	3	•

*****STAGE 3*****

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
MCDONNELL DOUGLAS	MD-II	602.50	430.w	CF6-80C2	3	61.5	530	10	SO	92.6	96.3	103.6	3	
MCDONNELL DOUGLAS	MD-11	602.10	430.00	CF6-80C2D1F	3	61.5	5.30	10	50	92.6	96.3	103.6	3	
MCDONNELL DOUGLAS	MD-II	602.50	430.00	PW4460	3	60.0	5.00	10	SO	93.7	96.3	103 6	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	PW4462	3	62.0	5.00	10	so	93.1	96.6	103.6	3	
MCDONNELL DOUGLAS	MD-11	616.00	471.50	CF6-80C2	3	61.5	530	10	SO	93.9	96.3	104.3	3	
MCDONNELL DOUGLAS	MD-11	630.50	461.50	PW4460	3	60.0	5.00	10	50	95 6	96.1	104.4	3	
MCDONNELL DOUGLAS	MD-II	630.50	461.50	PW4462	3	62.0	5.00	10	so	95.0	96.5	1M.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	CF6-80C2D1F	3	61.5	5.30	10	so	92.6	96.4	103.6	3	
MCDONNELL DOUGLAS	MD-11 A-I	60250	430.00	PW4460 (-3)	3	60.0	5.00	10	so	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	so	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	so	94.5	96.3	104.5	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	461.50	PW4460 (-3)	3	60.0	5.00	10	SO	95.6	96.0	1o4.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	461.50	PW4462 (-3)	3	62.0	5.00	10	so	95.0	96.5	104.4	3	
MCDONNELL DOUGLAS	MD-60	140.00	126.00	JT8D-209	2	19.2	1.63	0	40	66.9	94.7	92.6	3	10
MCDONNELL DOUGLAS	MD-80	140.00	126.00	JT8D-219	2	21.7	1.70	0	40	66.7	97.3	926	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-209	2	19.2	1.63	0	40	91.1	94.5	92.9	3	10
MCDONNELL DOUGLAS	MD-60	149.50	130.00	JT8D-217	2	20.6	1.60	0	40	69.7	95.6	92.9	3	10
MCDONNELL DOUGLAS	MD-60	14200	130.00	JT8D-217	2	20.6	1.60	0	40	66.2	96.1	92.9	3	io
MCDONNELL DOUGLAS	MD-60	149.50	130.00	JT8D-219	2	21.7	1.70	0	40	66.6	97.1	92.9	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217A	2	20.6	1.60	2	40	92.0	95.9	93.7	3	10
MCDONNELL DOUGLAS	MD-60	160.00	150.00	JT8D-217C	2	20.6	1.70	2	40	91.5	96.3	93.7	3	10
MCDONNELL DOUGLAS	MD-60	160.00	150.00	JT8D-219	2	21.7	170	2	40	90.6	91.2	93.7	3	10

-STAGE 3***
TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
MCDONNELL DOUGLAS	MD-a7	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	20.1	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	16.5	97.1	93.3	3	10
MCDONNELL DOUGLAS	MD-17	149.50	130.00	JT8D-217A	2	20.1	1.80	1	40	89.7	95.9	93.3	3	10
MCDONNELL DOUGLAS	MD-17	149.50	130.00	JT8D-217C	2	20.1	1.70	1	40	89.2	96.2	93.3	3	10
MCDONNELL DOUGLAS	MD-17	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-M	135.00	130.00	V2528-D5	2	21.0	4.80	5	40	77.2	91.4	91.7	3	
MCDONNELL DOUGLAS	MD-90-30	166.00	14200	V2525-D5	2	25.0	4.80	5	40	84.2	18.7	91.:	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	JT1SD-4	2	2.50		10	30	M.3	88.0	85.8	3	·
MITSUBISHI	Mu-300 (DIAMOND I)	15.50	13.20	JT15D-4D	2			0	30	81.2	18.4	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	2.10	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	a4 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.a	95.7	3	
RAYTHEON	HAWKER 125-400A	23.60	20.00	TFE731-3-1H	2	3 70	2.70	0	45	85.5	a9 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	809	87.2	96.5	3	
RAYTHEON	HAWKER 125-800A	27.40	23.35	TFE731-5R-1H	2	430	330	0	45	809	89.6	96.5	3	25

STAGE 3

TURBOJET POWERED AIRPLANES

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	NO.	THRUST 1000#	BPR	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
RAYTHEON	HAWKER 125-1000	31.00	25.00	PW305	2	5.20	4 so	0	25	81.8	85.9	91.6	3	
RAYTHEON	HAWKER 125.1000	35.50	28.50	PW305	2	5.20	4.50	0	2s	85.1	15.3	92.0	3	
SABRELINER	SABRELINER 65	24.00	21.10	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	2.10	0	36	82.3	93.1	90.6	3	•

Refer to Appendix 1 for Note Explanations

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
AEROSPATIALE	SN601 CORVETTE	14.60	[illegible]	JT15D-4	15	74.0	
AIRBUS	A300 B4-605R	385.46	319.[illegible]	CF6-80C2A5F	0	91.5	
AIRBUS	A300B2-1C	313.00	[illegible]	CF6-50C2-R	0	91.8	
AIRBUS	A300B2-203	313.10	286.60	CF6-50[illegible]	16	91.1	
AIRBUS	A300B4-103	347.20	295.40	CF6-5[illegible]	16	93.6	
AIRBUS	A300B4-203	363.70	299.113	CF6-50[illegible]	0	94.0	31
AIRBUS	A300B4-622R	330.00	215.00	PW-4158	0	88.0	
AIRBUS	A310-221	305.60	267.90	JT9D-7R4D1	15	90.5	
AIRBUS	A310-304	352.14	286.60	CF6-80C2A2	0	92.9	
AIRBUS	A310-324	330.69	271.16	PW4152	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	17.5	
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	a	94.3	
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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	TO FLAPS	TO NOISE LEVEL (EPNdB)	NOTES
AIRBUS	A340.312	595.24	440.92	CFM56-5C3	17	96.2	
AVRO	146-RJ 85	9100	85.00	LF 507-1F	18	84.3	
BAe	1-11 200	80.00	71.00	SPEY 506-I 4	3	93.3	12
BAe	1-11 400	17.00	77.20	SPEY511-14/14W	0	94.8	12
BAe	I-11400	89.50	79.00	SPEY511-14/14W	0	95.7	12
BAe	146-100A	76.00	72.35	ALF502R-3	18	10.7	
BAe	146-100A	12.25	73.35	ALF502R-3A	18	82.3	
BAe	146-100A	14.00	77.30	ALF502R-5	18	81.1	
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	152	
BAe	146-300	101.50	88.50	LF 507-1H/-1F	18	86.3	
BAe	146-300A	97.50	84.50	ALF502R-5	18	16.5	
BAe	C-29A	28.00	23.35	TFE731-5R-1H	0	81.4	
BEECH	BEECHJET 400	15.78	14.22	JT15D-5	IO	18.6	*
BOEING	B-707-1008 (QNC)	241.30	190.00	JT3D-1		103.4	6,**
BOEING	B-707-1008 (QNC)	251.00	190.w	JT3D-3B		103.1	6,**
BOEING	B-707-1209 (SHANNON)	258.00	190.00	JT3D-1		103.5	21,**
BOEING	B-707-1318 (SHANNON)	251.00	190.00	JT3D-1		103.2	21,**
BOEING	B-707-300B ADV/C QNC	335.00	247.50	JT3D-3B		104.4	6,**

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
BOEING	B-707-300B ADV/C SHN	330.00	201.00	JT3D-7		104.7	6,**
BOEING	B-707-3008 ADV/C SHN	321.00	240.00	JT3D-3B		104.5	6,**
BOEING	B-707-3008 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	E-727-100 (Dee 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-n7-100 (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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	TO FLAPS	TO NOISE LEVEL (EPNdB)	NOTES
BOEING	B-727-200	177.60	142.50	JT8D-7FCD	5	99.1	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-727-260	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-727-290 (FED EX;STC SA4833NM	172.30	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		95.5	35
BOEING	B-727-200 (FED EX;STC SA4833NM	167.85	150.00	JT8D-9 w/BOEING INLET+FAN CSD	5	942	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	171.42	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	JTaD-9 w/BOEING INLET+CHIN CSD	5	97.3	27
BORING	B-727-200 (FED EX;STC SA5839NM	189.20	160.W	JT8D-9 w/BOEING INLET+FAN CSD		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	91.4	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

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
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	166.60	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)	191.50	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		91.4	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	117.00	90.00	JT8D-15	1	69.7	35.42
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	93.00	JT8D-15		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		91.5	35.41
BOEING	B-737-m (AVAERO;STC ST223CH)	121.50	107.00	JT8D-9		91.5	27.41
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW HUSHKIT		91.1	37
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW-L HUSHKIT	1	90.2	37
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	88.00	JT8D-15		90.3	35.42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	95.00	JT8D-9		91.7	35.41
BOEING	B-737-100 ADV(AVAERO;STC ST223CH)	128.10	98.00	JT8D-15		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-1S		91.8	35.42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	12s.w	107.00	JTtD-17	1	90.2	27

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
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	121.10	107.00	JT8D-17		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		91.0	27.42
BOEING	B-737-500 ADV(NORDAM;STC SA5730NM)	126.50	107.00	JT8D-17		90.0	27
BOEING	B-737-200 ADV(NORDAM;STC SA5730NM)	124.50	107.00	JT8D-9		91.9	27.41
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	121.60	107.00	JT8D-15 w/Low HUSHKIT		91.7	37
BOEING	E-737-200 ADV(NORDAM;STC ST00131SE)	125.90	107.00	JT8D-15 w/LGW-L HUSHKIT		91.8	37
BOEING	B-737-m ADV(NORDAM;STC ST00131SE)	120.50	107.00	JT8D-17/-17A w/LG HUSHKIT	1	90.1	
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	117.00	107.00	JT8D-7 w/LGW-N HUSHKIT		91.6	40
BOEING	B-737-200 ADV(NORDAM;STC ST00131SE)	111.70	107.00	JT8D-9 w/LGW HUSHKIT	1	91.6	36
BOEING	B-737-a 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.	121.10	79.10	JT8D-17QN	1	97.0	2.19
BOEING	B-737-m ADV.	128.10	88.00	JT8D-15QN	1	97.7	2,18
BOEING	B-737-200 ADV.	12250	105.00	JT8D-9QN	1	96.9	2,17
BOEING	B-737-200 NON-ADV.	109.00	98.00	JT8D-7QN		94.7	2,16
BOEING	B-737-200 NON-ADV.	117.00	101.70	JT8D-9QN		9s.s	2.17
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP		tS.2	38
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	1	85 2	

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
BOEING	B-737-300	139 50	121.00	CFM56-3 w/HWFAP		83.9	
BOEING	B-737-300	139 50	121.00	CFM56-3 w/HWFAP		13.9	38
BOEING	B-737-300	139.50	121.00	CFM56-3-B1		17.5	
BOEING	B-737-360	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	t5.9	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	5	15.9	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	5	86.3	
BOEING	B-737400	142.50	124.00	CFM56-3 w/HWFAP	5	M.9	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	5	M.3	38
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	5	16.9	
BOEING	B-737-100	150.00	124.00	CFM56-3B-2	5	17.7	
BOEING	B-737400	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		a5.4	38
BOEING	B-737-500	132.10	114.00	CFM56-3 w/HWFAP	5	15.4	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	5	15.4	38
BOEING	B-737-500	139.00	114.00	CFM56-3-B1	5	17.3	
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

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
BOEING	B-747-100	710.00	540.00	JT9D-3A	10	105.4	29
BOEING	B-747-100	134.00	540.00	JT9D-7	10	105.1	29
BOEING	B-747-100	734.00	564.w	JT9D-3A	10	109.4	• ¢ ¢
BOEING	B-141-100	710.00	56400	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-741.100	750.00	585.00	JT9D-7FW	10	101.6	¢ ¢ ¢
BOEING	B-747-100	750.00	515.00	JT9D-7WET	10	107.4	¢ ¢ ¢
BOEING	B-741-100	150.00	515.00	RB211-524C2	10	Io4.S	¢ ¢ ¢
BOEING	B-147-100	734.00	630.00	JT9D-7A	10	104.3	29
BOEING	B-741-200	761.00	564.00	JT9D-3A	10	110.0	• ¢ ¢
BOEING	B-741-200	no.00	564.00	JT9D-7	10	101.9	¢ ¢ ¢
BOEING	B-747-200	773.00	585.00	JT9D-3AWET	10	109.1	¢ ¢ ¢
BOEING	B-141-m	833.00	585.00	RB211-524C2	10	106.5	•
BOEING	B-747-200	120.00	630.00	CF6-50E	10	102.5	
BOEING	B-741-200	833.00	610.00	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

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	NOTES
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	E-747-200	770.00	630.00	JT9D-7J	10	103.6	30
BOEING	B-741-260	800.w	630.00	JT9D-7J	10	109.3	***
BOEING	B-747-200	833.00	630.00	JT9D-7Q	10	103.2	·
BOEING	B-747-200	133.00	630.00	JT9D-7R4G2	10	102.4	· ·
BOEING	B-747-200	715.00	630.00	JT9D-7WET	10	1oa.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-747-306	coo.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	RB21 l-52482	10	105.5	· ·
BOEING	B-747-300	833.00	630.00	RB211-524D4	10	103.9	**
BOEING	B-747-360	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-

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	TO FLAPS	TO NOISE LEVEL (EPNdB)	NOTES
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F	10	99.8	
BOEING	B-141400	875.00	652.00	CF6-80C2B1F W/N1 MOD	10	99.9	
BOEING	B-741400	875.00	652.00	PW4056 PH3 (FB2B)	10	99.1	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C)	10	98.6	
BOEING	B-141-400	875.00	652.00	PW4056 PH3 (FB2C) NR	I0	97.4	
BOEING	B-747-400	675.00	652.00	PW4056 PKG A (FB2T)	10	101.6	
BOEING	B-147100	875.00	652.00	PW4056 PKG B/PHASE I	10	99.3	
BOEING	B-747-400	675.00	652.00	RB21 l-5240	10	99.2	
BOEING	B-747-400	870.00	652.00	RB21 I-524H	10	99.5	
BOEING	B-747400	875.00	652.00	RB21 I-524H2	10	96.0	
BOEING	B-747-SP	702.00	410.00	RB211-524D4	10	9 9 . 2	
BOEING	B-747-SP	696.00	450.00	RB21 I-52482	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	96.7	
BOEING	B-747-SP	702.00	475.00	JT9D-7J	10	100.1	
BOEING	B-747-SR	s71.w	564.00	CF6-45A2	10	96 4	
BOEING	B-747-SR	610.00	s64.w	JT9D-7A	10	101.6	
BOEING	B-151-200	255.50	210.00	PW 2037	5	91.4	
BOEING	B-157-200	255 50	210 00	PW 2040	5	69.7	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	5	66 8	

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

*****TAKEOFF*****

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	FDAPS	TO NOISE LEVEL (EPNdB)	NOTES
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		w.9	
BOEING	B-767-200	360.00	300.00	CF6-80A		92.8	
BOEING	B-767-200	3a.w	300.00	CF6-80A2		917	
BOEING	B-767-200	351.00	300.00	CF6-80C2-B2		19.5	
BOEING	B-767-200	317.00	3W.W	CF6-80C2-B4	1	96.6	
BOEING	B-767-200	351.w	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		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		90.2	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B4F		an.5	
BOEING	B-767-200/200ER	387.00	300.00	CF6-80C2B4F W/N1 MOD		90.6	
BOEING	B-767-200/200ER	400.00	300.00	CF6-80C2B6F W/N1 MOD		90.5	
BOEING	B-767-200/200ER	395.W	300.00	PW4056 PH3 (FB2C) NRI		89.8	
BOEING	B-767-200/200ER	387.00	300.00	PW4060	I	91.6	
BOEING	B-767-200/200ER	395.00	300.00	PW4060 PH3 (FB2C) NRI		89.0	
BOEING	B-767-300	281.70	260.00	CF6-80C2B2	5	83.1	
BOEING	B-767-300	351.00	320.00	CF6-80A	5	92.0	

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
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.w	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.w	PW 4060	5	93.2	
BOEMG	B-767-300	407.00	320.00	RB211-524G	5	93.8	
BOEING	B-767-300	407.00	320.00	RB211-524H	5	92.9	
BOEING	B-767-300/300ER	412.00	320.00	PW4056 PH3 (FB2C) Mu	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 PM (FB2C) mu	5	t9.9	
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. I	
BOEING	B-777-200	632.50	460.00	GE-90-90B		90.1	
BOEING	B-777-200	632.50	460.00	TRENT884	5	94.3	
BOEING	B-777-200	632.50	460.w	TRENT892	5	92.9	

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATE0 TURBOJET POWERED AIRPLANES
TAKEOFF

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	TO FLAPS	TO NOISE LEVEL (EPNdB)	NOTES
CANADAIR	CL-600	36.00	33.00	ALF-502	20	81.6	·
CANADAIR	CL-600	40.40	36.00	ALF 502L/L-2/L-2C	20	84.0	·
CANADAIR	CL-600	41.23	36.00	ALF-502L/L-2/L-2C	m	84.1	·
CANADAIR	CL-600 (WINGLETS)	41.25	36.00	ALF-502L/L-2/L-2C	20	84.8	
CANADAIR	CL-601	43.00	36.00	CF34-1A	20	799	•
CANADAIR	CL-601-1A	45.10	36.00	CF-34-1A	20	80.S	•
CANADAIR	CL-601-3A	43.10	36.00	CF-34-3A	20	79.4	·
CANADAIR	CL-601-3A	41.10	36.00	CF-34-3A/-3A2	m	79.8	•
CANADAIR	CL-601-3R	45.10	36.00	CF-34-3A1	20	79.8	•
CANADAIR	CL-604	48.20	38.00	GE CF34-3B	20	81.2	·
CANADAIR	CRJ (CL-600-2B19)	53.00	47.00	CF-34-3A1	*m*	79.8	
CANADAIR	CRJ (CL-600-2B19)	53.00	41.00	CF-34-3B1	m	78.7	
CESSNA	500 CITATION	10.30	9.900	JT15D-1	*IS*	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	1s	73.4	
CESSNA	550 CITATION II	14.10	13.50	JT15D-4	0	11.6	
CESSNA	5S1 CITATION II	12.50	12.00	IT15D.4	IS	10.1	•
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 POR U.S. CERTIFICATED TURBOJET POWERED AIRPLANES
TAKEOFF

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	TO FLAPS	TO NOISE LEVEL (EPNdB)	NOTES
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	11.30	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	I5	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	7 9 . 3	34
DASSAULT	FALCON 20-F5	29.10	27.76	TFE731-5AR-2C	10	81.8	
DASSAULT	FALCON 20-F5	30.50	21.80	TFE731-5BR-2C	10	11.9	
DASSAULT	FALCON 20-G	32.00	27.56	ATF3-6-2C	10	87.5	
DASSAULT	FALCON200	32.00	28.88	ATF3-6A-4C	5	83.9	
DASSAULT	FALCON 2000	36.50	33.00	CFE738-1-1B	20	79.4	
DASSAULT	FALCON 50	40.71	35.71	TFE731-3-1C	20	84.8	
DASSAULT	FALCON 50	40.71	35.71	TFE731-40-1C	20	83.8	
DASSAULT	FALCON 900	45.50	42.00	TFE731-5AR-1C	20	11.9	
DASSAULT	FALCON 900B	46.50	42.00	TFE731-5BR-1C	20	80.7	

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
FOKKER	F100	98.00	88.00	TAY MK650-1s	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	SWY MKSSS-ISH	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	11.00	TAY MK620-15	0	60.1	
GULFSTREAM	G-B GULFSTREAM	65.50	51.50	SPEY 511-8	10	92.5	12
GULFSTREAM	G-IIB/G-III	69.70	51.50	SPEY 511-8	10	91.1	12
GULFSTREAM	G-IV	73.m	58.50	TAY 611-8	10	76.8	
GULFSTREAM	G-IV GULFSTREAM	71.70	58.50	TAY 610-E	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	BR700-710A1-10	20	13.3	
ISRAEL AIRCRAFT	1124 WESTWIND	22.90	19.00	TFE731-3-1G	20	11.2	
ISRAEL AIRCRAFT	1124A WESTWIND 2	23 SO	19.00	TFE731-3-1G	20	85.4	
ISRAEL AIRCRAFT	112s ASTRA	24.70	20.70	TFE731-3A-200G	12	84.1	
ISRAEL AIRCRAFT	1125 ASTRA SPX	24.63	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

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	24B/D Raisbeck MK II	13.50	11.88	CJ610	10	17.6	
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	II.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 Raisb MK II	15.00	13.36	CJ610	10	91.0	
LEARJET	25B/C/D/F XR Dee Hwd	16.30	13.36	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	a	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	a	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	13.9	·
LEARJET	55	21.00	17.00	TFE731-3A-2B	8	85.5	·
LEARJET	55B	21.50	II.00	TFE731-3A-2B	20	86.3	·

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	81.0	•
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.W	RB211-22B	10	98.5	5 •
LOCKHEED	L-1011-200	466.00	368.00	RB211-5248	10	98.1	5 •
LOCKHEED	L-1011-500	496.00	361.00	RB211-524B	14	98.4	5 •
LOCKHEED	L-1011-500	504.00	368.00	RB211-524B3	22	98.0	•
LOCKHEED	L-1011-500	510.00	368.00	RB211-52484	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,**

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	X-08-51 W/BAC QN	286.00	199.50	JT3D-3B		98.4	6,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.W	202.00	JT3D-3B	15	103.7	6,26,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	3W.W	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	3oo.w	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)	306.60	207.00	JT3D	15	105.2	6,**
MCDONNELLDOUGLAS	DC-08-53 (QNC QN)	315.00	207.00	JT3D-3B		104.9	6,**
MCDONNELLDOUGLAS	DC-08-53 (QNC QN)	309.80	207.00	JT3D-3B	15	105.2	6,26,**
MCDONNELLDOUGLAS	X-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)	309.10	217.00	JT3D-3B	15	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08-55 QNC PLS QN	320.30	217.00	JT3D-3B		los.s	6.26:.
MCDONNELL DOUGLAS	DC-08-55 W/BAC QN	325.00	240.00	JT3D-3B	15	103.7	6,**

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-08-61 (QNC QN)	30980	240.00	JT3D-3B	15	105.2	6,26,**
MCDONNELL DOUGLAS	DC-0841 QNC PLS QN	270.00	240.00	JT3D-3B		98.6	6,26,**
MCDONNELL DOUGLAS	DC-0841 QNC PLS QN	320.30	240.00	JT3D-3B		Los.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	DCQ8-62 (BAC R-l)	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-0863 (BAC R-l)	355.00	275.00	JT3D-7	12	91.9	6
MCDONNELL DOUGLAS	DC-08-63 (BAC/MGM)	353 00	27S.W	JT3D-7	12	98.9	6
MCDONNELL DOUGLAS	E-08-63 W/ADC QN	355.00	275.00	JT3D-3B	12	104.8	6,**
MCDONNELL DOUGLAS	DC-0843 W/ADC QN	355.00	275.00	JT3D-7	12	104.1	6,**
MCDONNELL DOUGLAS	DC-08-63 W/TNC QN	350.W	250.00	JT3D-3B	12	103.9	6,**
MCDONNELL DOUGLAS	DC-08-63W/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.s	•
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

*****TAKEOFF*****

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	TO FLAPS	TO NOISE LEVEL (EPNdB)	NOTES
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	240.06	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	61.70	JT8D-7/-7A	10	91.4	1
MCDONNELL DOUGLAS	DC-09-10 (ABS)	90.70	61.70	JT8D-7/7A/7B	10	87.2	6
MCDONNELL DOUGLAS	DC-0920 (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	I
MCDONNELL DOUGLAS	DC-09-30	i 10.00	101.00	m - 7	0	97.5	16.24
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	m - 7	0	95.9	
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-9	0	97.0	24
MCDONNELL DOUGLAS	DC-W-30	114.00	102.00	JT8D-15	0	95.8	
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-9	0	91.1	
MCDONNELL DOUGLAS	DC-09-30 (ABS)	111.00	101.00	JT8D-11	0	90.3	
MCDONNELL DOUGLAS	DC-0940 (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

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-09-30(ABS/SA1613GL)	105 00	101.00	JT8D-7/7A/7B	0	91.0	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	105.00	101.00	JT8D-9/9A	0	90.3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-7/7A/7B	0	91.0	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.06	101.00	JT8D-9/9A	0	90.1	
MCDONNELL DOUGLAS	DC-09-31/32/32F/33F(ABS;STC SA1613GL)	107.00	101.00	JT8D-7/7A/7B	0	91.0	
MCDONNELL DOUGLAS	DC-09-34	110.00	101.00	JT8D-9	0	96.1	1
MCDONNELL DOUGLAS	DC-09-34	12100	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 I	I
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D	0	101.1	·
MCDONNELL DOUGLAS	DC-lo-10	455.00	363.50	CF6-6D1	4	100.2	·
MCDONNELL DOUGLAS	DC-IO-10	455.00	363.50	CF6-6D1A	4	100.2	·
MCDONNELL DOUGLAS	DC-IO-10	455 00	363 SO	CF6-6K	0	100.9	·
MCDONNELL DOUGLAS	DC-10.10	455.00	363.50	CF6-6K2	4	99.3	·
MCDONNELL DOUGLAS	DC-IO-15	455.00	363.50	CF6-50C2·F	5	93.8	
MCDONNELL DOUGLAS	DC-IO-30	565.00	411 00	CF6-50A	5	102.7	·
MCDONNELL DOUGLAS	DC-lo-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-

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	FLAPS	TO NOISE LEVEL (EPNdB)	NOTES
MCDONNELL DOUGLAS	DC-IWO	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-lo-30	590.00	411.00	CF6-50C2-B	15	91.7	
MCDONNELL DOUGLAS	DC-10.30	572.00	421.00	CF6-50C2-R	10	91.4	
MCDONNELL DOUGLAS	DC-10-30	572.00	424.00	CF6-50C2-B	10	97.4	15
MCDONNELL DOUGLAS	DC-lo-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-1040	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	411.50	PW4460	10	95.6	
MCDONNELL DOUGLAS	MD-11	630.50	411.50	PW4462	10	95.0	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	CF6-80C2D1F	10	94.5	
MCDONNELL DOUGLAS	MD-1 I A-l	630.50	481.50	PW4460 (-3)	10	95.6	
MCDONNELL DOUGLAS	MD-I 1 A-l	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

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	MD-87	149.50	130.00	JT8D-217A		89.7	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217C	1	19.2	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	
MITSUBISHI	hfu-300 (DIAMOND I)	14.10	13.20	JT15D-4	10	86.3	·
MITSUBISHI	Mu-300 (DIAMOND I)	15.50	13.20	JT15D-4D	0	81.2	
MITSUBISHI	Mu-366-10 (DIAM. II)	15.71	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- Dal	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	

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

TAKEOFF

MANUFACTURER	MODEL	MTOW 10666	MLW 1000#	ENGINE MODEL	TO FLAPS	TO NOISE LEVEL (EPNdB)	NOTES
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	21.60	TFE731-3R		64.0	.
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

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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
AEROSPATIALE	SN601 CORVETTE	14.60	13.20	JT1SD-4	35	90.0	
AIRBUS	A300 B4-605R	31J.46	319.38	CF6-80C2A5F	40	100.0	
AIRBUS	A300B2-1C	313.00	216.60	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	1 0 1 . 3	
AIRBUS	A310-221	305.60	267.90	JT9D-7R4D1	40	100.6	
AIRBUS	A310-304	352.14	286.66	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	151.73	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	142.26	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	411.88	PW4168	32	98.0	
AIRBUS	A340-212	595.25	440.92	CFM56-5C3	32	97.2	

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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
AIRBUS	A340-312	595.24	440.92	CFM56-5C3	32	97.2	
AVRO	146-RJ 85	97.00	65.00	LF 507-1F	33	97.3	
BAe	1-11 200	80.00	71.00	SPEY 506-14	45	97.6	12
BAe	l-11 400	87.00	77.20	SPEY511-14/14W	45	99.7	12
BAe	1.11460	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	73.3s	ALF502R-3A	33	95.2	
BAe	146-100A	64.00	77.50	ALF502R-5	33	95.6	
BAe	146-200A	19.50	77.50	ALF502R-3	33	95.6	
BAe	146-200A	69.50	77.50	ALF502R-3A	33	$5.6	
BAe	146-200A	93.00	61.00	ALF502R-5	33	93.6	
BAe	146-300	101.50	66.50	LF 507-1H/-1F	33	97.6	
BAe	146-300A	97.50	64.50	ALF502R-5	33	95.6	
BAe	C-29A	26.00	23.35	TFE731-5R-1H	45	95.6	
BEECH	BEECHJET 400	15.76	14.22	JT15D-5	30	91.4	•
BOEJNG	B-707-1008 (QNC)	241.30	190.00	JT3D-1	30	102.6	6,**
BOEING	B-707-100B (QNC)	256.00	190.00	JT3D-3B	30	102.6	6,**
BOEING	B-707-120B (SHANNON)	256 00	19000	JT3D-1	30	105.3	21,**
BOEING	B-707-138B (SHANNON-)	256.00	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,**

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

APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
BOEING	B-707-3608 ADV/C SHN	330.00	201.00	JT3D-7	25	101.3	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(IC)	25	105.7	6.21:.
BOEING	B-720B (QNC)	234.00	175.00	JT3D-1	30	101.6	A "
BOEING	B-720B (QNC)	234.00	175.00	JT3D-3B	30	101.6	6,**
BOEING	B-7208(SHANNON)	234.00	175.00	JT3D-1	30	104.7	6,**
BOEING	B-7208 (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-727.1 00	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 (Dee Howard)	169.50	137.50	TAY 651-54	40	9a.4	
BOEING	E-727-100 (FED EX;STC SA3993NM)	163.50	137.30	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	14250	JT8D-7 w/BURBANK	30	9t.2	35
BOEING	B-727-1 00 (FED EX;STC SA3993NM)	169.50	14250	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. CERTIFICATE0 TURBOJET POWERED AIRPLANES

APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
BOEING	B-727-200	177.60	142.50	JT8D-7FCD	40	106.3	3.16
BOEING	B-727-200	in.50	142.50	JT8D-7QN	40	104.9	2,16
BOEING	B-721-200	184.80	142.50	JT8D-9QN	40	103.2	2.17
BOEING	B-727-200	178.00	1sO.w	JT8D-9FCD	30	10s.:	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	1SO.W	JT8D-7 w/BOEING INLET+CHIN CSD	30	99.0	35
BOEING	B-727-260 (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.::	150.00	JT8D-9 w/BOEING INLET+CHIN CSD	30	99.6	3s
BOEING	B-727-200 (TED 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	J-ran7 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	91.9	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	191.20	160.00	JT8D-9 w/BURBANK	30	98.5	27
BOEING	B-n7-200 (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	lTaD-17 w/BURBANK	30	91.6	27
BOEING	B-727-200 (FED EX;STC SA5839NM)	199.51	166.00	JT8D-15 w/BOEING '	30	97.9	2 :
BOEING	B-727-200 (FED EX;STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING	30	98.1	27

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

*****APPROACH*****

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
BOEING	B-727-200 (FED EX;STCSA5839NM)	199.05	166.00	JT8D-15 w/BOEING	30	98.1	27
BOEING	B-727-200 (FED EX;STCSA5839NM)	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)	20950	159.00	JT8D-17A/217C	30	99.0	6.23
BOEING	B-737-200(AVAERO;STCST223CH)	128.10	88.00	JT8D-17	40	96.7	27
BOEING	B-737-m (AVAERO;STC ST223CH)	117.00	90.00	JT8D-15	40	98.1	35.42
BOEING	B-737-200(AVAERO;STCST223CH)	128.10	93.00	JT8D-15	40	97.1	27.42
BOEING	B-737-200(AVAERO;STCST223CH)	128.10	107.00	JT8D-17	30	94.1	27
BOEING	B-737-200(AVAERO;STCST223CH)	118.50	107.00	JT8D-9	30	96.3	35.41
BOEING	B-737-200(AVAERO;STCST223CH)	121.50	107.00	JT8D-9	40	91.0	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;STCST00131S	119.50	103.00	JT8D-15 w/LGW-L HUSHKIT	30	95 8	37
BOEING	B-737-20(ADV(AVAERO;STC ST223CH)	119.50	88.00	JT8D-15	40	97.7	35.42
BOEING	B-737-20(ADV(AVAERO;STC ST223CH)	119.50	95.00	JT8D-9	40	9Y.1	35.41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128 10	98.00	J-I-ID-15	40	97.1	27.42
BOEING	E-737-20(ADV(AVAERO;STC ST223CH)	126.10	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-737-20(ADV(AVAERO;STC ST223CH)	12500	107.00	JT8D-17	40	97.7	27

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATE 0 TURBOJET POWERED AIRPLANES

APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
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	91.6	27
BOEING	B-737-200 ADV(NORDAM;STC SA5730NM)	124.50	107.00	JT8D-9	40	91.6	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)	in.90	107.00	JTID9 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-737-2.00 ADV.	121.10	79.10	JT8D-17QN	40	102.8	219
BOEING	B-737-200 ADV.	128.10	88.00	JT8D-15QN	40	103.1	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-737-260 NON-ADV.	117.00	101.70	JT8D-9QN	40	105.3	217
BOEINQ	B-737-300	139.50	121.00	CFM56-3 w/HWFA	40	97.6	38
BOEING	B-737-303	139.50	121.00	CFM56-3 w/HWFA	40	98.6	

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

APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFA	40	98.6	
BOEING	B-737-300	139.50	121.06	CFM56-3 w/HWFA	40	97.6	38
BOEING	B-737-300	139.50	121.00	CFM56-3-B1	40	100.1	
BOEING	E-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.w	124.00	CFM56-3 w/HWFA	40	98.6	
BOEING	B-737100	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-7374W	150.w	124.00	CFM56-3 w/HWFA	40	97.7	38
BOEING	B-737400	142.50	124.00	CFM56-3 w/HWFA	40	91.6	
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	91.7	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFA	40	97.6	31
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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
BOEING	B-747.100	710.00	540.00	JT9D-3A	25	104.6	29
BOEING	B-747-100	734.00	540.00	JT9D-7	2s	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	7so.W	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	
BOEING	B-747-200	767.00	S64.W	JT9D-3A	30	106.5	
BOEING	B-747-200	770.00	s64.w	JT9D-7	30	106.7	
BOEING	B-747-200	773.00	S85.W	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	
BOEING	B-747-m	734.00	630.00	JT9D-7	25	105.2	
BOEING	B-747-200	120.00	630.00	JT9D-70A	30	106.0	
BOEING	B-747-200	734.00	630.00	JT9D-7A	25	105.0	30

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

APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
BOEING	B-747-200	785.00	630.00	JT9D-7A	30	107.3	...
BOEING	B-741-200	too.00	630.00	JT9D-7F	30	107.1	...
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/-7J	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	1 0 4 . 4	
BOEING	B-747-200	a33 00	630 00	JT9D-7R4G2	30	106.6	..
BOEING	B-747-200	71s.w	630.00	JT9D-7WET	30	107.3	...
BOEING	B-747-200	820.00	630.00	RB211-524B/B2	30	107.3	..
BOEING	E-747-200	833 00	630.w	RB211-524D4	30	1049	
BOEING	B-747-366	800.00	630.00	CF6-50E2	30	106.5	
BOEING	B-147-300	820.00	630.00	JT9D-70A	30	105.3	..
BOEING	B-747-300	833.00	630.00	JT9D-7R4G2	30	1066	
BOEING	B-747-300	820.00	630 00	RB21 I-52482	30	107.3	..
BOEING	B-747-300	833.00	630 00	RB211-524D4	30	1049	..
BOEING	B-747-306	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	

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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F	30	103.8	
BOEING	B-141400	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-147-400	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-147400	875.00	652.00	PW4056 PKG A (FB2T)	30	194.7	
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-141400	875.00	652.00	RB211-524H2	30	103.1	
BOEJNG	B-747-SP	702.00	410.00	RB211-524D4	30	107.0	
BOEING	B-147-W	696.00	450.00	RB21 1-52482	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.:	
BOEING	B-747-W	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-157-100	255.50	210.00	PW 2040	30	98.1	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	30	95.2	

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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
BOEING	B-757-200	240.00	210.00	RB211-535C	25	99.6	
BOEING	B-737-200	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-761-200	360.00	3W.W	CF6-80A2	30	101.7	
BOEING	B-161-200	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	3W.W	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-761-200	400.00	300.00	PW 4056	30	98.6	
BOEING	B-767-200/200ER	360.00	3W.W	CF6-80C2B2F	30	96.5	
BOEING	B-767-200/200ER	360.00	3W.W	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	4w.w	3W.W	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	3W.W	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	

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

APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
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 40%	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.:	
BOEING	B-767-300/300ER	412.00	320.00	PW4056 PH3 (FB2C)-NRI	30	97.6	
BOEING	B-767-300/300ER	412.00	3m.w	PW4060 PH3 (FB2C) NRI	30	9 7 . 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	us.00	GE90-76B	30	97.6	
BOEING	B-777-200	54s.w	445.00	PW4077	30	99.4	
BOEING	B-777-200	545.00	44s.w	TRENT875	30	99.1	
BOEING	B-777-200	545.00	445.00	TRENT877	30	998	
BOEING	B-777-200	632.50	460.00	GE-90.908	30	97.1	
BOEING	B-777-200	632.50	460.00	TRENT884	30	99.4	
BOEING	B-777-200	632.50	460.00	TRENT892	30	994	

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

*****APPROACH*****

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
CANADAIR	CL-600	36.00	33.00	Am-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	3600	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	4510	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	41.00	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	879	
CESSNA	525 CESSNA JET	10.40	9.70	FJ44-1A	35	921	
CESSNA	550 CITATION a	14.10	13.50	JTl5D-4	40	90.5	
CESSNA	551 CITATION II	12.50	12.00	lTlsD-4	40	90.5	•
CESSNA	552	15.50	14.30	JT15D-5	35	18.5	•
CESSNA	560 CITATION V	16.30	IS.20	JT15D-5A	35	88.9	
CESSNA	650 CITATION III	22.00	20.00	TFE731-3B-100S	37	93.1	22

AIRCRAFT NOISE CERTIFICATION LEVELS IN DESCENDING EPNdB FOR U.S. CERTIFICATE0 TURBOJET POWERED AIRPLANES
APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
CESSNA	750 CITATION X	35.70	31.80	AE3007C	3s	90.2	
CESSNA	S550 CTTATJON 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	4 0	101.7	
DASSAULT	FALCON 20-C/D/E/F	28.60	21.30	CF700-2D-2Q	40	99.1	
DASSAULT	FALCON 20-C5/D5/E5	29.10	21.16	TFE-731-5BR-2C	40	90.7	34
DASSAULT	FALCON 20-C5/D5/E5	29.10	21.16	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	26.M	TFE731-5BR-2C	40	90.3	
DASSAULT	FALCON 20-G	32.w	27.56	ATF3-6-2C	40	95.9	
DASSAULT	FALCON200	32.00	28.88	ATF3-6A-4C	40	94.2	
DASSAIJLT	FALCON 2000	36.50	33.00	CFE738-1-1B	40	93.1	
DASSALJLT	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	

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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
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	101.1	
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	9a.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 61 J-1	39	91.0	
GULFSTREAM	G-IV GULFSTREAM	11.70	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	o - 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	92.1	•
ISRAEL AIRCRAFT	1125 ASTRA	24.70	20.70	TFE731-3A-200G	40	89.1	
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		9t.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.8. CERTIFICATED TURBOJET POWERED AIRPLANES

APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL,	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
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	I1.90	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	2s	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 Dee 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	IS.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	11.30	15.30	TFE731-2-2B	40	91.4	
LEARJET	36A	11.30	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	•

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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
LEARJET	55C	21.M	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.w	TFE731-3-1R	59	96.9	
LOCKHEED	1329-2s (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	1 0 2 . 8	5 *
LOCKHEED	L-1011-1	430.00	351.00	RB211-22B	42	102.1	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.w	RB211-524B	33	101.5	5 *
LOCKHEED	L-1011-500	so4.w	368.00	RB21 1-52483	33	loo.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	102.1	
LOCKHEED	L1011-385-1-14/15	466.00	368.00	RB21 1-52484	42	103.3	*
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	2s	104.2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	25	104.5	6,**
MCDONNELL DOUGLAS	DC-W-51 (QNC QN)	286.00	207.00	JT3D-3B	25	104.6	6,26,**
MCDONNELL DOUGLAS	DC-W-51 QNC PI3 QN	276.00	199.50	JT3D-1	35	107.1	6,**

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

APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP LEVEL (EPNdB)	NOTES
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	266.00	207.00	JT3D-3B	35	107.1	6,26,**
MCDONNELL DOUGLAS	DC-OS-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-OS-51 W/BAC QN	216.00	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	3oo.w	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)	306.10	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)	309.10	217.00	JT3D-3B	25	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08-55 QNC PLS QN	320.30	217.00	JT3D-3B	3s	107.2	6.26.”
MCDONNELL DOUGLAS	DC-08-55 W/BAC QN	325.00	240.00	JT3D-3B	35	107.9	6,**

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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
MCDONNELL DOUGLAS	DC-08-61 (QNC QN)	30980	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.w	JT3D-3B	35	107.2	6,**
MCDONNELL DOUGLAS	DC-0841 W/BAC QN	325.00	240.W	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	Lx-OS-62 (BAC R-l)	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-W-62 W/ADC QN	350.00	250.00	JT3D-3B	50	108.3	6,**
MCDONNELL DOUGLAS	DC-W-62 W/ADC QN	350.00	250.00	JT3D-7	50	108.3	6,**
MCDONNELL DOUGLAS	DC-08-62 WA-NC QN	350.00	250.00	JT3D-3B	50	107.9	6,**
MCDONNELL DOUGLAS	E-08-62 W/TNC QN	355.00	275.00	JT3D-7	35	107.6	6,**
MCDONNELL DOUGLAS	DC-08-63 (BAC R-l)	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-W-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-OS-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	32S.W	240.00	CFM-56-2C5		98.3	•
MCDONNELL DOUGLAS	DC-08-71	328.00	258.W	CFM56-2-C1	50	98.6	•
MCDONNELL DOUGLAS	DC-w-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
APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
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-F-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)	1w.w	93.40	JT8D-9/9A	40	9'5.7	
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-0940	114.00	102.00	JT8D-9	50	99.4	
MCDONNELL DOUGLAS	DC-09-30 (ABS)	111.00	101.00	JT8D-11	40	96.0	
MCDONNELL DOUGLAS	DC-W-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

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

APPROACH

[redacted]RER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
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-0944	110.00	101.00	JT8D-9	S0	99.1	1
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-15	50	101.4	I
MCDONNELL DOUGLAS	DC-w-34	121 00	I10.00	JT8D-17	50	101.9	1
MCDONNELL DOUGLAS	Lx-0940	114.00	102 00	JT8D-11	50	99.4	I
MCDONNELL DOUGLAS	DC-W-40	114.00	102.00	JT8D-15	50	99.4	1
MCDONNELL DOUGLAS	DC-09-50	121.00	11o.w	JT8D-15	50	101.9	1
MCDONNELL DOUGLAS	DC-m-50	121.00	110.00	JT8D-17	50	101.9	I
MCDONNELL DOUGLAS	DC-IO-IO	455.00	363.50	CF6-6D	50	105.5	.
MCDONNELL DOUGLAS	DC-lo-10	455.00	363.50	CF6-6D1	50	105.5	.
MCDONNELLDOUGLAS	DC-10-10	455 00	363 50	CF6-6D1A	50	105.5	.
MCDONNELL DOUGLAS	DC-IO-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-IO-15	455.00	363 50	CF6-50C2 F	so	103.1	
MCDONNELL DOUGLAS	DC-10-30	565.w	411 00	CF6-50A	50	106.6	.
MCDONNELL DOUGLAS	DC-IO-30	572.00	411.00	CF6-50C/11	50	106.6	

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

"*APPROACH*

MANUFACTURER	MODEL	MTOW loo@	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
MCDONNELL DOUGLAS	DC-10.30	590.w	411.00	CF6-50C1	so	106.6	
MCDONNELL DOUGLAS	DC-lo-30	590.00	411.00	CF6-50C2	50	105.3	
MCDONNELL DOUGLAS	DC-IO-30	590.00	411.00	CF6-50C2-B	50	105.3	
MCDONNELL DOUGLAS	DC-lo-30	572.00	421.00	CF6-50C2-R	50	105.8	
MCDONNELL DOUGLAS	DC-10-30	572.06	424.M)	CF6-50C2-B	50	106.0	15
MCDONNELL DOUGLAS	DC-lo-30	590.00	436.00	CF6-50C2	50	106.4	15
MCDONNELL DOUGLAS	DC-1040	S30.W	403.00	JT9D-20D	50	105.7	·
MCDONNELL DOUGLAS	DC-1040	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-l	630.50	481.50	CF6-80C2D1F	50	104.5	
MCDONNELL DOUGLAS	MD-11 A-l	630.50	481 50	PW4460 (-3)	50	104.4	
MCDONNELL DOUGLAS	MD-11 A-l	630.50	481.50	PW4462 (-3)	so	104.4	
MCDONNELL DOUGLAS	MD-80	149.50	130.00	J-l-m-209	40	92.9	10
MCDONNELL DOUGLAS	MD-IO	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	J-MD-219	40	93.7	10

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

APPROACH

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	AP NOISE LEVEL (EPNdB)	NOTES
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217A	40	93.3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.w	JT8D-217C	40	93.3	10
MCDONNELL DOUGLAS	MD-17	149.50	130.00	JT8D-219	40	93.3	10
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2525-D5	40	91.1	
MCDONNELL DOUGLAS	MD-90-u)	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)	15.7:	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.W	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	91.4	

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

MANUFACTURER	MODEL	MTOW 1000#	MLW 1000#	ENGINE MODEL	AP FLAPS	NOTES	SELEVEL (EPNdB)
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	21.10	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

AIRCRAFT 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
AEROSPATIALE	34.70	PRATT&WHITNEY	2	2000	1200	HAMILTON STD	156	4	15	30	82.1	83.1	96.8	3	
ATR42-200	34.20	PW 120				14SF-1		V							
AEROSPATIALE	35.60	PRATT&WHITNEY	2	2000	1200	HAMILTON STD	1%	4	15	30	82.6	83.8	96.8	3	
ATR42-300	35.30	PW 120				14SF-5		V							
AEROSPATIALE	37.30	PRATT&WHITNEY	2	2000	1200	HAMILTON STD	156	4	15	30	83.3	B3.7	96.7	3	
ATR42-300	36.20	PW 120				14SF-5		V							
AEROSPATIALE	35.60	PRATT&WHITNEY	2	2100	1200	HAMILTON STD	156	4	15	30	x2.2	83.9	96.8	3	
ATR42-320	35.30	PW 121				14SF-5		V							
AEROSPATIALE	37.30	PRATT&WHITNEY	2	2100	1200	HAMILTON STD	156	4	15	30	13.0	(3.9	96.7	3	
ATR42-320	36.20	PW 121				14SF-5		V							
AEROSPATIALE	39.50	PRATT&WHITNEY	2	2200	1200	HAMILTON STD	155	6	15	35	77.2	80.9	93.1	3	
ATR42-400	38.80	PW 121A				568F		V							
AEROSPATIALE	40.10	PRATT&WHITNEY	2	2200	1200	HAMILTON STD	155	6	15	35	71.6	80.9	93.0	3	
ATR42-400	39. so	PW 121A				568F		V							
AEROSPATIALE	41.00	PRATT&WHITNEY	2	2400	1200	HAMILTON STD	155	6	15	35	76.6	80.7	92.4	3	
ATR42-500	40.30	PW 127E				568F		V							
AEROSPATIALE	44.05	PRATT&WHITNEY	2	2400	1200	HAMILTON STD	155	6	IS	35	78.5	80.7	92.2	3	
ATR42-500	42.95	PW 127E				568F		V							
AEROSPATIALE	44.10	PRATT&WHITNEY	2	2400	1200	HAMILTON STD	1%	4	15	30	85.2	84.8	94.1	3	
ATR72-100	43.90	PW 124				14SF11		V							
AEROSPATIALE	48.so	PRATT&WHITNEY	2	2400	1200	HAMILTON STD	156	4	15	30	86.9	84.7	91.1	3	
ATR72-200	47.10	PW 124				14SF11		V							
AEROSPATIALE	47.40	PRATT&WHITNEY	2	2400	1200	HAMILTON STD	156	4	15	30	86.5	14.1	94.1	3	
ATR72-200	47.10	PW 124				14SF1I		V							
AEROSPATIALE	47.40	PRATT&WHITNEY	2	2450	1200	HAMILTON STD	156	4	15	33	86.1	86.1	94.2	3	
AI-RR-210	47.10	PW 127				14SF11		V							

AIRCRAFT 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
AEROSPATIALE	47.40	PRATT&WHITNEY	2	2450	1200	HAMILTON STD	1%	4	15	33	80.2	84.8	92.7	3	
ATR72-210	47.10	PW 127				247F		V							
AEROSPATIALE	48.50	PRATT&WHITNEY	2	2450	1200	HAMILTON STD	156	4	15	33	86.5	16.0	94.2	3	
ATR72-210	41.20	PW J n				14SF11		V							
AEROSPATIALE	50.66	PRATT&WHITNEY	2		1200	HAMILTON STD.	156	4	15	33	82.2	84.7	92.4	3	
ATR72-210	49.56	PW127				247F		V							
BAe	44.50	ROLLS-ROYCE	2	2470	1394	DOWTY ROTOL	144	4	15	28	92.5	96.8	103.8	2	
748-2A	43.00	DART 532-2				CR212/4-30-4/22		V							
BAe	46.00	ROLLS ROYCE	2	2470	1394	DOWTY ROTOL	144	4	15	28	92.5	96.8	103.4	2	
748-2B	43.00	DART 535.2				CR212/4-30-4/22		V							
BAe	46.00	ROLLS ROYCE	2	2470	1394	DOWTY ROTOL	144	4	8	28	88.7	93.3	92:	3	1
748-2B	43.00	DART 536.2				CR212/4-30-4/22		V							
BAe	SO.55	PRATT&WHITNEY	2	2160	1200	HAMILTON STD.	165	6	7	22	80.7	12.1	96.5	3	
ATP	49.05	PW124A				6/5500/F		V							
BAe	so.ss	PRATT&WHITNEY	2		1200	HAMILTON STD.	165	6	7	15	79.s	82.7	97.9	3	
ATP	49.0s	PW126A				6/5500/F.1		V							
CASA	14.33	ALLIEDSIGNAL	2	7S0	1591	HARTZELL	107	4	10	20	87.3	84.0	91.2	3	•
c-212-a	13.80	TPE 331-5-251C				HC-B4TN-5CL/LT10282H		V							
CASA	17.00	ALLIEDSIGNAL	2	900	1591	HARTZELL	110	4	JO	15	15.9	IS.1	90.9	3	•
C-212-CC	16.40	TPE 331-10/10R-501C/5				HC-B4MN-5AL		V							
CASA	16.98	ALLIEDSIGNAL	2	900	1591	DOWTY-ROTOL	110	4	10	40	82.9	83.0	93.2	3	•
C-212-CD/CE	16.42	TPE331-10R-502C/512C				(C)R.334/4-82-F/13		V							
CASA	16.98	ALLIEDSIGNAL	2	900	1591	HARTZELL	110	4	JO	15	85.9	85.1	90.9	3	•
C-212-CF	14.42	TPE 331-10R-501C/511				HC-B4MN-5AL		V							
CASA	16.97	PRATT&WHITNEY	2	1000	1700	MCCAULEY	106	4	10	40	84.1	14.7	16.0	3	•
C-212-DE	16.42	PT6A-65B				4HFR34C756		V							

AIRCRAFT 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
CASA	16.98	ALLIEDSIGNAL	2	900	1591	DOWN-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	34.13	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 (Aeroprod.)	5200	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	t0.5	84.0	91.4	3
Dfic-7-103	42.00	PT6A-50				24PF-305		V						
DEHAVILLAND	33.00	PRATT&WHITNEY	2	1800		HAMILTON STD.	156	4	15	35	to.7	86.3	95.1	3
DHC-8	3240	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	79.1	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	1%	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 M.I.W 1000#	ENGINE DATA MFR. MODEL	NO.	SHP	RPM	PROPELLER MFR. MODEL	DIAM (IN)	BLADES PITCH	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
DEHAVILLAND	34.50	PRATT&WHITNEY	2	1945	1100	HAMILTON STD	1%	4	15	35	77.8	12.9	91.0	3	
DHC-I-103	33.90	PW 121				14SF-7		V							
DEHAVILLAND	36.30	PRATT&WHITNEY	2	1945	1200	HAMILTON STD	1%	4	15	35	ao.5	85.6	94.8	3	
DHC-I-106	33.90	PW 121				14SF-7		V							
DEHAVILLAND	36.30	PRATT&WHITNEY	2	1945	1100	HAMILTON STD	156	4	J5	35	79.9	84.0	94.8	3	
DHC-S-106	33.90	PW 121				14SF-7		V							
DEHAVILLAND	36.30	PRATT&WHITNEY	2	1945	1200	HAMILTON STD	1%	4	15	35	10.5	65.6	94.1	3	
DHC-S-201	33.90	PW 123				14SF-7		V							
DEHAVILLAND	36.30	PRATT&WHITNEY	2	1945	1100	HAMILTON STD	1%	4	15	35	79.9	84.0	94.8	3	
DHC-8-201	33.90	PW 123				14SF-7		V							
DEHAVILLAND	36.30	PRATT&WHITNEY	2	1945	1200	HAMILTON STD	1%	4	15	35	10.5	85.6	94.1	3	
DHC-I-202	33.90	PW 123				14SF-7		V							
DEHAVILLAND	36.30	PRATT&WHITNEY	2	1945	1100	HAMILTON STD	1%	4	15	35	79.9	84.0	94.1	3	
DHC-8-202	33.90	PW 123				14SF-7		V							
DEHAVILLAND	41.10	PRATT&WHITNEY	2		1200	HAMILTON STD.	1%	4	5	15	14.3	17.4	9t.9	3	
DHC-S-300	40.00	PW123				14SF-15		V							
DEHAVILLAND	41.10	PRATT&WHITNEY	2	2142		HAMILTON STANDARD	1 %	4	5	35	79.5	17.0	93.3	3	
DHC-I-31 1	40.00	PW123				14SF-15		V							
DEHAVILLAND	43.00	PRATT&WHITNEY	2	2142	1200	HAMILTON STD	156	4	5	35	10.0	86.8	93.3	3	
DHC-8-311	42.00	PW 123				14SF-15		V							
DEHAVILLAND	41.10	PRATT&WHITNEY	2	2249	1100	HAMILTON STANDARD	156	4	5	35	80.7	84.7	93.3	3	
DHC-8-314	40.00	PW123				14SF-15		V							
DEHAVILLAND	41.10	PRATT&WHITNEY	2	2249	1200	HAMILTON STANDARD	156	4	5	35	79.9	87.3	93.3	3	
DHC-B-314	40.00	PW123				14SF-15		V							
DEHAVILLAND	43.00	PRATT&WHITNEY	2	2249	1100	HAMILTON STANDARD	1 %	4	5	35	81.7	X4.6	93.2	3	
DHC-U-314	42.00	PW123				14SF-15		V							

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

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA MFR. MODEL	NO.	SHP	RPM	PROPELLER MFR. MODEL	DIAM (IN)	BLADES PITCH	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
DEHAVILLAND	43.00	PRATT&WHITNEY	2	2249	1200	HAMILTON STANDARD	156	4	5	35	80.7	87.2	93.3	3	
DHC-8-314	42.00	PW123				14SF-15		V							
DEHAVILLAND	41.10	PRATT&WHITNEY	2	2142	1200	HAMILTON STANDARD	156	4	5	35	79.5	87.0	93.3	3	
DHC-8-315	40.00	PW123E				14SF-15		V							
DEHAVILLAND	43.00	PRATT&WHITNEY	2	2142	1200	HAMILTON STANDARD	1%	4	5	3s	80.0	M.9	93.3	3	
DHC-8-315	42.00	PW123E				14SF-15		V							
DORNIER	30.84	PRATT&WHITNEY	2	2180		HARTZELL	142	6	12	32	82.1	83.8	94.1	3	•
328-100/MOD 10	29.16	PW119B				HD-E6C-3B		V							
EMBRAER	21.17	PRATT&WHITNEY	2	1500		HAMILTON STD.	126	4	I5	25	76.6	11.6	92.5	3	
EMB-120	21.17	PW 115				14RF-9		V							
EMBRAER	25.40	PRATT&WHITNEY	2			HAMILTON STD.	126	4	15	25	81.2	83.5	92.3	3	•
EMB-120	24.80	PW118				14RF-9		V							
FOKKER	45.15	PRATT&WHITNEY	2						8	26	11.0	85.0	96.8	3	
50	41.82	125B						V							
FOKKER	45.00	ROLLS ROYCE	2			DOWTY ROTOL	138	4	0	40	90.6	92.2	100.3	2	
F27 MK500	42.00	DART 7/MK535-7R				R193-4-30-4		V							
FOKKER	45.00	ROLLS ROYCE	2			DOWTY ROTOL	138	4	0	40	86.9	90.1	943	3	1
F27 MK500	43.50	DART 7/MK535-7				R193-4-30-4		V							
FOKKER	45.00	ROLLS ROYCE	2			DOWTYROTOL	138	4	0	40	87.4	89.6	94.3	3	1
F27 MK500	43.50	DART 7/MK535-7R				R193-4-30-4		V							
FOKKER	45.90	ROLLS ROYCE	2			DOWTY ROTOL	138	4	0	40	17.6	89.8	94.3	3	1
F27 MK500	43.50	DART 7/MK551-7R				R193-4-30-4		V							
FOKKER	45.00	ROLLS ROYCE	2	2307		DOWTY ROTOL	138	4	0	40	87.4	69.8	94.1	3	1
F27 MK500/600	41.00	DART 7/MK552-7R				R193-4-30-4		V							
FOKKER	45.90	ROLLS ROYCE	2	2307		DOWTY ROTOL	138	4	0	40	17.6	89.8	94.3	3	1
F27 MK500/600	43.50	DART 7/MK552-7R				R193-4-30-4		V							

AIRCRAFT 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
FOKKER	45.00	ROLLS ROYCE	2			DOWTY ROTOL	138	4	0	40	90.6	92.2	100.3	2	
R7 MK600	42.00	DART7 MK532-7R				R193-4-30-4		V							
JETSTREAM	23.00	ALLIEDSIGNAL	2	1500	1552	MCCAULEY	114	5	9	15	15.8	83.5	87.8	3	*
JETSTREAM 4100	22.30	TPE-331-14				B/C5JFR36C1101/2L114G		V							
LOCKHEED	155.00	ALLISON	4	4050	iom	HAMILTON STD	162	4	18	35	94.8	96.7	91.1	3	* **
L382G	135.00	501-D22A				54H60		V							
MCDONNELL DOUGLAS	28.75	PRATT&WHITNEY	2			HARTZELL	115	5	0	45	82.4	84.4	91.9	3	
DC3C (BTC STC)	28.75	PT6A-67R				HC-B5MA-3/M11276		V							
SAAB	50.20	ALLISON	2			DOWTY ROTOL			15	35	7a.4	87.5	17.9	3	
2000(w/PECS mod)	48.50	AE2100A				R381/6-123-F/5									
SAAB	28.50	GENERAL ELECTRIC	2		1384	HAMILTON STD.	132	4	15	20	11.7	86.1	90.1	3	
340B	21.00	CT7-9B				14RF-19		V							
SAAB	28.50	GENERAL ELECTRIC	2		1384	DOWTY ROTOL	132	4	15	20	78.0	as.9	91.6	3	
340B	28.00	CT7-9B				R375/4-123-F/21		V							
SAAB	28.50	GENERAL ELECTRIC	2		1314	DOWTY ROTOL	132	4	15	20	78.0	85.9	91.6	3	
340B	28.00	CT7-9B				R354/4-123-F/13/20		V							
SAAB	28.00	GENERAL ELECTRIC	2		1384	DOWTY ROTOL	132	4	15	20	78.2	85.8	84.4	3	
SF340A	27.20	CT7-5A2				R375/4-123-F/21		V							
SAAB	28.00	GENERAL ELECTRIC	2		1384	DOWTY ROTOL	132	4	15	20	71.2	85.8	84.4	3	
SF340A	27.20	CT7-5A2				R354/4-123-F/13/20		V							
SAAB FAIRCHILD	27.00	GENERAL ELECTRIC	2	1210		DOWTY ROTOL	126	4	15	35	79.3	87.6	89.6	3	
340	26.50	CT7-5A				R320/4-123-F/1		V							
SAAB FAIRCHILD	27.00	GENERAL ELECTRIC	2	1210		DOWTY ROTOL	126	4	15	35	19.5	17.4	19.6	3	
340	26.50	CT7-7E				R320/4-123-F/1		V							
SAAB-SCANIA	27.27	GENERAL ELECTRIC	2	173s		DOWTY ROTOL	132	4		35	77.5	86.2	86.3	3	
340A W/APU	26.50	CT7-5A2				R354/4-123-F13		V							

AIRCRAFT 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.	2200	PRATT&WHITNEY	2	1120	1675	HARTZELL	111	5	a	35	88.5	83.9	92.X	■	•
SD3-30	21.61	F'T6A-45				HC-35MP-34/M10282B-6		V							
SHORT BROS	26.00	PRATT&WHITNEY	2	1327		HARTZELL	111	5	5	30	84.4	13.7	19.9	3	• ■
SD3-60	25.70	PT6A-65R				HC-B5MP-3C/M10876K		V							
SHORT BROS	21.10	PRATT&WHITNEY	2		1700	HARTZELL	108	6	I5	15	to.0	82.7	943	3	
SD3-60-300	25.70	PT6A-67R				HC-A6A-3/A1046E		V							

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

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATE0 PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA					PROPELLER	DIAM	BLADES	NOISE LEVEL (dBA)			
MODEL	MLW 1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
AEROTECH/AUST.	9.10	ALLISON	2				HARTZELL	91	3	76.0	-2.1	75.9	
N22S		250-B17E					HC-A3VF-7B/V10133N-						
ANDERSON GREEN	3.15	AVCO LYCOMING	1	250	2575	3	HARTZELL	77	2	15.2	-1.5	73.7	
WOOD 51	3.15	O-540-A4D5					HC-E2YR-1S/8465-7R		V				
BEECH	12.50	PRATT&WHITNEY	2	847	2000	1	HARTZELL	98	3	82.8	-3.6	79.2	
(200)	12.50	PT6A-41					HC-B3TN-3G/T10178H		V				
BEECH	16.60	PRATT&WHITNEY	2	1100	1700	2	HARTZELL	110	4	80.5	3.0	17.4	1
1900/1900C	16.10	PT6A-65B					HCB4MP-3A/M10877K		V				
BEECH	14.40	PRATT & WHITNEY	2	1200	1700		McCAULEY	104	5	14.3	-5.5	79.3	
2000		XPT6A-67					D-LI04DSZ-D		V				
BEECH	5.50	TCM	2	300	2700		MCCAULEY	77	3	60.7	-3.3	77.4	
58/58A	5.40	IO-550-C					3AF32C512/82-NEA-5		V				
BEECH	3.60	TELEDYNE	1	260	2700	5	MCCAULEY	80	3	78.1	-0.6	71.2	
A36	3.60	IO-520-B					3A32C760/82 NB-2		V				
BEECH	3.60	TELEDYNE	1	221	2550	5	MCCAULEY	64	2	71.0	-0.6	77 4	
A36	3.60	I0-520-N					2A36C23/84B-0		V				
BEECH	3.65	TCM	1	300	2700		MCCAULEY	80	3	78.2	-1.6	76.7	
A36	3.65	IO-550-B					3A32C406/82NDB-2		V				
BEECH	3.65	TELEDYNE	1	300	2700	5	MCCAULEY	80	3	19.5	-0.3	79 2	
A36TC	3.65	TSI0-520-U					3A32C760/82 NB-2		V				
BEECH	11.80	AIRESEARCH	2	715	2000	1	HARTZELL	90	4	80 2	-2 9	71.3	
B100	11.20	TPE331-6-252B					HC-B4TN-5C/T10173F		V				
BEECH	12.50	PRATT&WHITNEY	2	845	2000	1	HARTZELL	W	3	82 8	-3 6	19.2	
B200	12.50	PT6A-41					HC-B3TN-3G/T10178H		V				
BEECH	12.50	PRATT&WHITNEY	2	850	2000	1	HARTZELL	96	3	82.8	-3.6	79.2	
B200/B200C	12.50	PT6A-42					HC-B3TN-3G/T10178H		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)			
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
BEECH	12.50	PRATT&WHITNEY	2	850	2000	2	MCCAULEY	98	3	19.3	-3.9	75.4	
B200/B200C	12.50	PT6A-42					3GFR34C702/100LA-2		V				
BEECH	12.50	PRATT&WHITNEY	2	850	2000		MCCAULEY	94	4	80.7	-3.9	76 8	
B200/B200C/C12F	12.50	PT6A-42					4HFR34C754/94LA-0		V				
BEECH	12 50	PRATT&WHITNEY	2	845	2000	1	HARTZELL	99	3	82 8	-3.3	79.5	
B200CT	12.50	PT6A-42					HC-B3TN-3G/T10178H		V				
BEECH	12.u)	PRATT&WHITNEY	2	850	2000	1	MCCAULEY	98	3	79.3	-3.8	75.5	
B200T/B200CT	12.50	PT6A-42					3GFR34C702/100LA-Z						
BEECH	12.50	PRATT&WHITNEY	2	850	2000		MCCAULEY	94	4	80.7	-3.8	76.8	
B200T/B200CT	12.50	PT6A-42					4HFR34C754/94LA-O		V				
BEECH	15.00	PRATT&WHITNEY	2	1050	1700	2	HARTZELL	105	4	75.9	-3.8	72.1	1
B300		PT6A-60A					HC-B4MP-3/M10476K						
BEECH	3.86	TELEDYNE	I	293	2700		MCCAULEY	78	3	78.7	0.5	79.2	
B36TC	3.86	TS10-520-U					82NDA-4		V				
BEECH	5.10	TELEDYNE	2	221	2550	2	HARTZELL	76	3	77.7	-3.0	74.7	
B55	5.10	I0-470-L					PHC-C3YF-2/FC7663-2		V				
BEECH	5.10	TELEDYNE	2	223	2550	2	HARTZEU	78	2	81.0	-3.0	78.0	
B55	5.10	IO-470-L					BHC-C2YF-2CH/FC846		V				
BEECH	5.40	TELEDYNE	2	254	2550	2	HARTZELL	78	2	82.0	-3.1	78.9	
B58	3.40	10-520-C					BHC-J2YF-2C/FC8475-		V				
BEECH	5.40	TELEDYNE	2	256	2650	2	HARTZELL	76	3	81.9	-3.1	78.8	
B58	5.40	I0-520-C					PHC-J3YF-2/FC7663-D		V				
BEECH	5.50	TCM	2	300	2700		HARTZELL		4	78.5	-3.1	75.4	
B58	5.40	IO-550-C4B					FC-7063Q		V				
BEECH	6.10	TELEDYNE	2	301	2600	2	HARTZELL	78	3	80.6	-1.5	79.1	
B58P	6.10	TSIO-520-L					PHC-J3YF-2/FC7663-D		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)			
MODEL	1000#	MFR, MODEL	NO.	SHP	RPM	EXH	MFR, MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
BEECH	6.20	CONTINENTAL	2	294	2600	4	HARTZELL	78	3	71.2	-2. I	76. I	
B58P	6.20	TS10-520-WB					PHC-J3YF-2UF/FC7663		V				
BEECH	6.10	TELEDYNE	2	294	2600	4	HARTZELL	78	3	78.2	-2.1	76.1	
B58TC	6.10	TS10-520-WB					PHC-J3YF-2UF/FC7663		V				
BEECH	6.20	CONTINENTAL	2	301	2600	2	HARTZELL	78	3	10.6	-1.5	79.1	
B58TC	6.20	TS10-520-L					PHC-J3Y-2F/FC7663-D		V				
BEECH	6.18	LYCOMING	2	296	2750	2	HARTZELL	74	3	82.1	-2.5	79.6	
B60	6.7:	TIO-541-E1C4					HC-F3YR-2UF/FC7479		V				
BEECH	9.02	PRATT&WHITNEY	2	700	1900	4	HARTZELL	93	3	76.2	-5 8	10.4	
B65-90	8.55	PT6A-135					HC-B3TN-2(B)/T10173		V				
BEECH	3.98	LYCOMING	2	165	2700		HARTZELL	76	2	79.5	-1.3	11.2	
B76		O-360-A1G6D					HC-M2YR-2CLUF/FC7		V				
BEECH	3.90	LYCOMING	2	165	2100	2	HARTZELL	76	2	80.2	-1.5	78.7	
B76	3.90	O-360-A1G6D					HC-M2YR-2CEUF/FC7		V				
BEECH	1.68	LYCOMING	1	11s	2700	8	SENSENICH	72	2	65.1	-1.3	63.8	
B77	1.68	0-235-L2C					72CKS12-0-52		F				
BEECH	5.30	TCM	2	300	2700	2	HARTZELL	74	4	78.5	-3.1	7s.4	
B95-C55	5.30	10-550-C					FC-7063Q		V				
BEECH	2 45	LYCOMING	1	163	2700	2	SENSENJCH	76	2	73.3	0.0	73.3	
C23	2.45	0-360-A4J					76EM8S5-0-60		F				
BEECH	2.75	LYCOMING	1	202	2700	2	HARTZELL	76	2	73.0	-1.3	71.7	
C24R	2.75	0-360-A1B6					HC-M2YR-1BF/FC7666		V				
BEECH	9.66	PRATT&WHITNEY	2	550	2200		HARTZELL	93	3	78.1	4.4	74.3	
C90	9.17	PT6A-21					HC-B3TN-2B/T10173B-		V				
BEECH	10.10	PRATT&WHITNEY		550	2200	4	HARTZELL	93	3	71.7	4.4	74.3	
C90A		PT6A-21					HC-B3TN-2(B)						

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROFELLER DRIVEN SMALL AIRPLANES

(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA MFR. MODEL	NO.	SHP	RPM	EXH	PROPELLER MFR. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA) MdBA	PC	CdBA	NOTES
BEECH	II.30	PRATT&WHITNEY	2	715	2200		HARTZELL	93	3	79.3	-3.4	75.9	
C99	II.30	PT6A-34					HC-B3TN-3/T10173B-8		V				
BEECH	5.30	TCM	2	300	2700	2	HARTZELL	74	4	78.5	-3.4	75.0	
D55	5.30	10-550-c					FC-7063Q		V				
BEECH	5.30	TELEDYNE	2	2%	2650	2	HARTZELL	76	3	81.9	-3.2	71.7	
E55	5.30	10-520-C					PHC-J3Y-2F/FC7663-2R		V				
BEECH	5.30	TELEDYNE	2	254	2550	2	HARTZELL	78	2	82.0	-3.2	78.8	
E55	5.30	IO-520-C					BHC-C2YF-2C/FC8475-		V				
BEECH	5.30	TCM	2	300	2700	2	HARTZELL	74	4	71.5	-3.4	75.0	
E55	5.30	10-550-c					FC-7063Q		V				
BEECH	5.30	TCM	2	300	2700	V	HARTZELL	74	4	78.5	-3.4	75.0	
ES5	5.30	10-550-C					FC-7063Q		V				
BEECH	5.30	TCM	2	300	2700	V	HARTZELL	74	4	78.5	-3.4	73.0	
E55	5.30	10-550-c					FC-7063Q		V				
BEECH	10.10	PRATT&WHITNEY	2	550	2200		HARTZELL	93	3	79.0	4.0	75.6	
E90	9.70	PT6A-28					HC-B3TN-2B/T10173B-		V				
BEECH	3.40	TELEDYNE	1	260	2700	5	MCCAULEY	a0	3	78.3	-1.4	76.9	
F33 A/C	3 40	10-520-B					3A32C76/82NB-2		V				
BEECH	3.40	TELEDYNE	1	22a	2550	5	MCCAULEY	a4	2	78.1	-1.5	766	
F33 A/C	3.40	I0-520-BA					2A36C23/84B-O		V				
BEECH	10.95	PRATT&WHITNEY	2	754	1900	1	HARTZELL	92	4	77 9	-5.0	72 9	
F90 SUPER	10.95	PT6A-135					HC-B4TN-3B/T10173F		V				
BEECH	3.40	TELEDYNE	I	260	2700	5	MCCAULEY	a0	3	71 8	-2.0	76 8	
V35B	3.40	IO-520-B					3A32C76/82NB-2		V				
BEECH	3.40	TELEDYNE	1	228	2550	5	MCCAULEY	a4	2	7: I	-1.1	76.6	
V35B	3.40	IO-520.BA					2A36C23/84B-0		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)			
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
BELLANCA	3.20	CONTINENTAL	1	225	2550	8	MCCAULEY	78	3	79.4	-1.9	77.5	
17-30A	3.20	IO-SMK					D3A34C401/90DFA-12		F				
BEUANCA	1.65	LYCOMNG	1	115	2700	2	SENSENICH	72	2	71.5	-2.7	68.8	
7ECA	1.65	0-235-K2C					74DM6S8-1-56		F				
BELLANCA	1.65	LYCOMING	1	150	2700	2	SENSENICH	73	2	71.5	-4.7	66.8	
7GCAA	1.61	0-320-A2B/-A2D					74DM6S8-1-56		F				
BELLANCA	1.65	LYCOMING	1	150	2700	2	SENSENICH	73	2	71.5	-46	669	
7GCBC	1.65	0-320-A2B/A2D					74DM6S8-1-56		F				
BELLANCA	1.80	LYCOMING	1	150	2700	2	MCCAULEY	80	2	68.4	1.9	70.3	
7GCBC SEAPLANE	1.80	0.320					1A175GMA/8040		F				
BELLANCA	2.13	LYCOMING	1	180	2700	2	HARTZELL	76	2	76.3	-3.4	12.9	
8GCBC	2.15	0-360-C1A/-C1E					HC-C2YR-1BF/F7666A		F				
BELLANCA	2.1s	LYCOMING	1	149	2700	2	MCCAULEY	80	2	76 3	-3.5	72.8	
8GCBC	2.15	0-360-C2A/-C2E					1A200/HFA		F				
BELLANCA	1.80	LYCOMING	1	150	2700	2	HARTZELL	72	2	72.2	-2.2	70.0	
8KCAB	1.80	AEIO-320-E1B					HC-C2YL-4F/FC7663-4		V				
BELLANCA	1.80	LYCOMING	1	150	2700	2	SENSENICH	74	2	72.2	-3.0	69.2	
8KCAB	1.80	AEIO-320-E2B					74DM6S8-0		F				
BEUANCA	1.80	LYCOMNG	1	180	2700	2	HARTZELL	74	2	72.2	-5.0	67.2	
8KCAB	1.10	AEIO-360-H1A					HC-C2YR-4CF/FC7666		V				
CESSNA	1.67	LYCOMING	1	110	2550	8	MCCAULEY	69	2	65.8	-1.0	64.8	
152	1.67	O-235-L2C					1A102/TCM6955		F				
CESSNA	1.67	LYCOMING	1	110	2550	8	MCCAULEY	69	2	66.7	-0.4	66.3	
152/A152	1.67	O-235-L2C					1A103/TCM6958		F				
CESSNA	2.30	LYCOMING	1	160	2700	8	MCCAULEY	75	2	74.3	-0.5	73.8	
172N (LAND)	2.30	O-320-H2AD					1C160/DTM 7557		F				

AIRCRAFT 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	NO.	SHP	RPM	EXH	PROPELLER MFR. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA) MdBA	PC	CdBA	NOTES
CESSNA	2.20	LYCOMING	1	160	2700	8	MCCAULEY	80	2	13.6	-1.4	72.2	
172N (SEA)	2.18	O-320-H2AD					IA175/ETM8042		F				
CESSNA	2.40	LYCOMING	1	160	2 - m	8	MCCAULEY	75	2	14.3	-0.5	73.a	
172P		0-320-D25					1C160/DTM7557		F				
CESSNA	2.65	LYCOMING	1	180	2700	8	MCCAULEY	76	2	73.4	0.5	73.9	
172RG	2.65	O-360-F1A6					B2D34C220/80VLA-3 5		V				
CESSNA	2.50	LYCOMING	1	180	2700	8	MCCAULEY	76	2	72.0	-0.3	11.?	
177B	2.50	IO-360-A1F6D					B2D34C211/82PCA-6		V				
CESSNA	2.80	LYCOMING	1	200	2700	8	MCCAULEY	1 t	2	76.3	-0.7	75.6	
177RG	2.80	IO-360-AIB6D					B2D34C207/78TCA-0		V				
CESSNA	2.95	TCM	1	230	2400	a	MCCAULEY	88	2	740	-2.2	71.8	
180K (AMPHIB)	2.95	0-470-U					C2A34C204/90DCA-2		V				
CESSNA	2.80	TCM	1	230	2400	8	MCCAULEY	80	2	73.0	-3.0	70.0	
180K (LAND)	2.80	0-470-U					C2A34C204/90DCB-0		V				
CESSNA	2.95	Tub4	1	230	2400	8	MCCAULEY	82	2	72.0	-2.9	69.1	
182Q	2.95	0-470-U					D2A34C203/90DCA-8		V				
CESSNA	3.10	TCM	1	230	2400	8	MCCAULEY	82	2	72.0	-2.9	69.1	
182R		0-470-V					D2A34C203/90DCA-8		V				
CESSNA	3.10	TCM	1	285	2700	8	MCCAULEY	80	3	78.0	0.8	79.8	
207A	3.80	10-520-F					D3A32C404/80VA-0		V				
CESSNA	3.80	TCM	1	285	2700	8	MCCAULEY	80	3	77.8	-0.1	77.7	
207A	3.80	10-520-F					D3A32C90/82NC-2		V				
CESSNA	7.30	PRATT&WHITNEY		600	1900	2	HARTZELL	100	3	72.8	-1.1	71.7	
201	7.30	PT6A-114					HC-B3MN-3		V				
CESSNA	1.00	PRATT&WHITNEY		600	1900	2	HARTZELL	100	3	72.8	0.1	13.5	
208	7.80	PT6A-114					HC-B3MN-3		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 (EPNdB)			
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
CESSNA	1.00	PRATT&WHITNEY		600	1900	2	HARTZELL	100	3	72.8	0.7	73.5	
208A	7.80	PT6A-114					HC-B3MN-3		V				
CESSNA	8.75	PRATT&WHITNEY		600	1900	2	HARTZELL	100	3	72.8	2.3	75.1	
208B	8.50	PT6A-114					HC-B3MN-3		V				
CESSNA	3.80	TCM	1	285	2700	a	MCCAULEY	80	3	79.6	0.3	799	
210M	3.80	IO-520-L-3A					D3A34C404/80VA-0		V				
CESSNA	3.80	TCM	1	215	2700	8	MCCAULEY	80	3	796	0.0	79.6	
210N	3.80	IO-520-L-3A					D3A34C404/80VA-0		V				
CESSNA	3.85	TCM	1	285	2700	8	MCCAULEY	80	3	79.6	6.6	79.0	
210R	3.85	10-520-L					D3A34C404/8OVA-0		V				
CESSNA	5.50	TCM	2	265	2700	8	MCCAULEY	77	3	82.0	-2.9	79.1	
310R	5.41	IO-520-M					3AF32C87/82NC-5.5		V				
CESSNA	5.99	TCM	2	300	2700	4	MCCAULEY	77	3	79.6	-1.5	78.1	
335	5.99	TSIO-520-EB					3AF32C87/82NC-5.5		V				
CESSNA	4.63	TCM	2	195	2600	8	MCCAULEY	78	2	7S.6	1.3	79.9	
337H	4.41	TSIO-360-C					D2AF34C310/90DEA-12		V				
CESSNA	4.63	TCM	2	195	2600	8	MCCAULEY	76	2	78.6	1.3	79.9	
337H	4.41	TSIO-360-C					D2AF34C307/L78CBA-		V				
CESSNA	5.99	TCM	2	310	2700	4	MCCAULEY	76	3	12.0	-5.5	76.5	
340A	599	TSIO-520-N					3AF32C93/82NC-5.5		V				
CESSNA	5.99	TCM	2	310	2700	3	MCCAULEY	77	3	13 4	-3.7	79.7	
340A	5.99	TSIO-520-N					3AF32C93/82NC-5.5		V				
CESSNA	6.15	TCM	2	300	2700	3	MCCAULEY	76	3	11.6	-2.8	78.8	
402B	6.85	TSIO-520-E					3AF32C87M/82NC-5.5		V				
CESSNA	6.85	TCM	2	325	2700	4	MCCAULEY	76	3	80.8	-2.2	78.6	
402C	6.85	TSIO-520-UB					3AF32C92N/82NC-6.5		V				

AIRCRAFT NOISE DATA FDR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES

(14 CFR PART 36, APPENDIX F)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA MFR. MODEL	NO.	SHP	RPM	EXH	PROPELLER MFR. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA) MdBA	PC	CdBA	NOTES
CESSNA	6.85	TCM	2	310	2600	4	MCCAULEY	77	3	77.2	-2.1	75.1	
402C	6.85	TSIO-520-VB					3AF32C93/82NC-5.5		V				
CESSNA	a.40	TCM	2	375	3350	4	MCCAULEY	90	3	11.6	-2.1	71.9	
404	8.09	GTSIO-520-M					3FF32C501/90UMB-0		V				
CESSNA	8.40	PRATT&WHITNEY	2	550	2000	4	HARTZELL	93	3	81.1	-5.0	76.1	
404	8.10	PT6A-34					HCB3TN-3B/T10173-8R		V				
CESSNA	9.36	PRATT&WHITNEY	2	500	1900	1	MCCAULEY	93	3	75.0	-3.0	72.0	
406	9.36	PT6A-112					3GFR34C701/93KB-0		V				
CESSNA	6.75	TCM	2	298	2600	4	MCCAULEY	77	3	79.1	-2.5	76.6	
414A	6.75	TSIO-520-N					3AF32C93/82NC-5.5		V				
CESSNA	7.4s	TCM	2	375	3350	4	MCCAULEY	90	3	80.3	-3.6	76.7	
421C	7.21	GTSIO-520-L					3FF32C501/90UMB-0		V				
CESSNA	8.20	PRATT&WHITNEY	2	450	1900	4	MCCAULEY	93	3	75 7	-4.3	71.4	
425	8.00	PT6A-112					36FR34C701/93KB-0		V				
CESSNA	8.20	PRATT&WHITNEY	2	450	1900	4	HARTZELL	93	3	75.7	-4.3	71.4	
425	1.00	PT6A-112					HC-B3TN-3C/T10178B-		V				
CESSNA	8.60	PRATT&WHITNEY	2	450	1900	4	HARTZELL	93	3	75.7	-3.4	72.3	
425	8.00	PT6A-112					HC-B3TN-3C/T10178B-		V				
CESSNA	9.85	AIRESEARCH	2	636	1990	4	MCCAULEY	90	3	78.0	4.0	74.0	
441	9.36	TPE331-8-401S					36FR34C601/93JA		V				
CESSNA	9.85	AIRESEARCH	2	636	1990	4	HARTZELL	90	3	78.0	4.0	74.0	
441	9.36	TPE331-8-401S					HC-B3TN-5E/T10178-1		V				
CESSNA	3.27	TCM	1	285	2700	8	MCCAULEY	80	3	71.9	-1.2	77.7	
A185F (AMPHIB)	3.12	IO-520-D					D3A34C403/80VA-0		V				
CESSNA	3.32	TCM	1	285	2700	a	MCCAULEY	80	3	78.9	-1.0	77.9	
A185F (FLOAT)	3.32	IO-520-D-24					D3A32C90/82NC-2		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)			
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
CESSNA	3.35	TCM	I	285	2700	8	MCCAULEY	80	3	78.9	-1.0	11.9	
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	I	215	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	I	450		2	HARTZELL	77	3	68.7	-2.0	66.8	
P210N ADVANCED		PT6A-135					HC-83TN-3C/T10282K-		V				
CESSNA	4.10	TCM	I	325	2700	4	McCAULEY	80	3	80.2	4.8	19.4	
P210R	4.10	T510-520-CE					D3A36C410/80VM8-0		V				
CESSNA	4.10	TCM	2	208	2600	4	MCCAULEY	76	2	10.8	-1.1	19.1	
P337H	4.4s	TSIO-360-C					D2AF34C305/L78CBA-		V				
CESSNA	4.10	TCM	2	208	2600	4	MCCAULEY	78	2	80.8	-1.1	19.7	
P337H	4.45	TSIO-360-C					D2AF34C308/90DEA-12		V				
CESSNA	2.55	TCM	1	195	2600	a	MCCAULEY	76	2	74.1	-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	16.4	-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	72.1	-2.0	70.1	
R182	3.10	O-540-J3C5D					B2D34C214/90DHB-8		V				
CESSNA	3.10	LYCOMING	1	235	2400	8	MCCAULEY	19	3	70.3	-2.0	61.3	
R182	3.10	O-540-J3C5D					B3D32C407/82NDA-3		V				
CESSNA	3.10	LYCOMING	I	235	2400	4	MCCAULEY	19	3	69.5	4.7	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)			
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
CESSNA	3.80	TCM	1	285	2600	4	MCCAULEY	80	3	77.9	-1.6	16.3	
T-207.4	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	11.4	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	19.4	
T210R	4.10	T510-520-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	2700	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	16	2	19.4	-1.0	18.4	
T337H	4.40	TSIO-360-H					D2AF34C305/L78CBA-		V				
CESSNA	4.63	TCM	2	195	2600	4	MCCAULEY	78	2	19.4	-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	13.8	-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	
nun	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	19.2	
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				

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES
(14 CFR PART 38, 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
CESSNA	3.60	TCM	1	285	2700	8	MCCAULEY	80	3	798	-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	X0-520-F					D3A34C404/80VA-0		V				
CLASSIC AIRCRAFT	2.65	JACOBS		245	2050		SENSENICH	96	2	75 1	-2.3	72.8	
WACO F5	2.65	R-755B2M					W96JA72		F				
CLASSIC AIRCRAFT	2.77	JACOBS		275	2200		SENSENICH	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	15.2	-1.6	75.6	
TRAVEL AIR 4000	2.45	R-680E3B					2B20/6135A		F				
DEHAVILLAND	a.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	1250	GARRETT	2	715			HARTZELL	106	4			11.5	
228-100	1250	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	1202	PT6A-34					HC-BT3N-3C/T10178H-		V				
FAIRCHILD	1250	AIRESEARCH	2	900	4173	4	HARTZELL	106	4	774	-4.6	72.8	
SA226-T(B)	12.50	TPE331-1OU-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	16.1	-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	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
FAIRCHILD	14.00	AIRESEARCH	2	1000	4173	4	DOWTY ROTOL	106	4	76.7	-2.2	74.5	1
SA227-AC	14.00	TPE331-11U-601G					(C)R321/4-82-F/8		V				
FAIRCHILD	12.50	AIRESEARCH	2	1000	4173	4	DOWTY ROTOL	106	4	76.7	-4.6	71.9	
SA227-AT	12.50	TPE331-11U-601E					(C)R321/4-82-F/8		V				
FAJRCHJJD	14.00	AIRESEARCH	2	1000	4173	4	DOWTY ROTOL	106	4	76.7	-2.2	74.5	J
SA227-AT	14.00	TPE331-11U-601G					(C)R321/4-82-F/8		V				
FAIRCHILD	12.50	AIRESEARCH	2	900	4173	4	DOWTY ROTOL	106	4	77.4	-4.6	12.6	
SA227-TT	12.50	TPE331-1OU-503G					(C)R324/4-82-F/9		V				
FAIRCHILD	13.20	AIRESEARCH	2	900	4173	4	DOWTYROTOL	106	4	77.4	4.1	73.3	1
SA227-TT	13.20	TPE331-1OU-503G					(C)R324/4-82-F/9		V				
Fun HEAVY IND.	6.75	LYCOMING	2	340	2500	4	HARTZELL	79	3	60.8	-3.2	77.6	
700	6.60	TI0-540-R2AD					HC-E3YR-2ATF/FC846		V				
Fun HEAVY IND.	8.30	LYCOMING	2	450	2133	4	HARTZELL	93	3	62.7	-3.3	19.4	
710	1.30	TIG0-541-D1B					HC-C3YN-2LDUF/FJC-						
GRUMMAN	5.50	LYCOMING	2				HARTZELL	67	3	82 6	-3.2	79.6	
G-44/SCAN 30		TIO/LTIO-540-J2BD					HC-C3YR-2UF/HC-C3Y		V				
GULFSTREAM AMERICAN	2 80	AVCO LYCOMJNG	1	200	2700	3	HARTZELL	77	2	75.1	-0.5	74.6	
112B	2.m	IO-360-C1D6					HC-E2YR-1BF/F8467-7		V				
GULFSTREAM AMERICAN	2.85	AVCOLYCOMJNG	1	210	2575	4	HARTZELL	77	2	76.1	-1.3	74.6	
112TC	2.76	T0-360-C1A6					HC-E2YR-1BF/F8467-7		V				
GULFSTREAM AMERICAN	2.95	AVCO LYCOMING	1	210	2515	4	HARTZELL	77	2	76.1	-1.3	74.6	
112TCA	2.95	T0-360-C1A6					HC-E2YR-1BF/F8467-7		V				
GULFSTREAM AMERICAN	3.14	AVCO LYCOMING	J	260	2700	3	HARTZELL	77	2	73.7	-1.2	76.5	
114	3.14	I0-540-T4A5D					HC-C2YR-1BF/F8467-7		V				
GULFSTREAM AMERICAN	3.25	AVCOLYCOMING	1	260	2700	3	MCCAULEY	77	3	79.7	-1.2	78.5	
114A	3.13	I0-540-T4B5D					B3D34C405/90DFA-J3		V				

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA					PROPELLER	DIAM	BLADES	NOISE LEVEL (dBA)			
MODEL	MLW 1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	M dBA	PC	C dBA	NOTES
GULFSTREAM AMERICAN	10.25	AIRESEARCH	2	700	1591	4	HART2m.L	106	3	76.4	-5.0	71.4	
690	9.59	TPE331-5-251K					HC-B3TN-5FLLT10282		V				
GULFSTREAM AMERICAN	10.2s	AIRESEARCH	2	700	1591	4	HARTZELL	106	3	76.4	-5.0	71.4	
690A	9.59	TPE331-5-251K					HC-B3TN-5FLLT1028H		V				
GULFSTREAM AMERICAN	10.32	AIRESEARCH	2	700	1591	4	HARTZELL	106	3	76.4	-5.0	71.4	
690B	9.68	TPE331-5-251K					HC-B3TN-5FLLT10282		V				
GULFSTREAM AMERICAN	10.32	AIRESEARCH	2	700	1591	4	DOWTY ROTOL	106	3	16.4	-5.0	71.4	
690C	9.68	TPE331-5-254K					(C)R306/3-82-F/7(C)VP		V				
GULFSTREAM AMERICAN	10.70	AIRESEARCH	2	737	2730	4	DOWTY ROTOL	106	3	76.4	-5.0	71.4	
690D	IO.55	TPE331-5-254K					(C)R306/3-82-F/7(C)VP		V				
GULFSTREAM AMERICAN	10.32	AIRESEARCH	2	700	1591	4	DOWTY ROTOL	106	3	76.4	-5.0	71.4	
695	9.68	TPE331-10-501K					(C)R306/3-82-F/7(C)VP		V				
GULFSTREAM AMERICAN	11.20	AIRESEARCH	2	700	1591	4	DOWTY ROTOL	106	3	71.8	0.0	71.6	
695A	10.56	TPE331-10-501K					(C)R306/3-82-F/7(C)VP		V				
GULFSTREAM AMERICAN	6.95	AVCO LYCOMING	2	340	2500	4	HARTZELL	79	3	77.8	-2.4	75.4	
700	6.59	TI0-540-R2AD					HC-E3YR-2AFT/FC846		V				
GULFSTREAM AMERICAN	1.54	LYCOMING	1	108	2600	7	MCCAULEY	71	2	66.3	0.6	66.9	
AA-1B	1.54	0-235-C2C					SCM1A105/7157		F				
GULFSTREAM AMERICAN	1.54	LYCOMING	1	108	2600	7	MCCAULEY	71	2	667	1.1	67.8	
M-18	1.54	0-235-C2C					SCM1A105/7154		F				
GULFSTREAM AMERICAN	1.57	LYCOMING	1	115	2700	7	SENSENICH	71	2	68.3	0.5	68.6	
AA-1C	1.57	0-235-L2C					72CK-0-56		F				
GULFSTREAM AMERICAN	3.78	LYCOMING	2	160	2700		HARTZELL	73	2	74.2	-2.2	72.0	
GA-7	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
JETSTREAM31	14.55	TPE331-10UF/UR513H					R333/4-82-F/12		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)			
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
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		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		190	2600	3	HARTZELL	77	2	73.3	0.0	73.3	
M-s-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	I0-360-C1A-6D					HC-E2YR-1BF/F8467-7		V				
MAULE	2.75	LYCOMING		235	2400	3	HARTZELL	81	2	74.1	0.9	75.6	
U-s-235	2.75	0-540-J1A5D					HC-C2YR-1BF/F8468A-		V				
MAULE	2.30	LYCOMING		235	2400		HARTZELL	78	2	12.6	-5.0	67.6	
M-5-235C	2.39	0-540-J1A5D/-W1A5D					HC-C2YR-1BF/F8468A-		V				
MAULE	2.30	LYCOMING	1	175	2600	3	HARTZELL	76	2	70.9	0.9	71.1	
M-6-180	2.30	0-360-CIF					HC-C2YR-1BF/F7666A		V				
MAULE	2.39	LYCOMING	1	235	2400		HARTZELL	78	2	726	-5.0	67.6	
M-6-235	2.30	0-540-J1A5D/-W1A5D					HC-E2YR-1BF/F8468A-		V				
MAULE	2.50	LYCOMJNG		235			HARTZELL	a1	2			71.3	
M-6-235	2.50	O-540-J1A5D					HC-C2YR-1BF/F8468A-		V				
MAULE	2.50	LYCOMING		235	2400	3	HARTZELL	71	2	72.6	-0.3	72.3	
u-7-235	2.50	O-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	O-540-J1A5D					HC-C2YR-1BF/F8468A-		V				
MITSUBISHI	10.47	AIRESEARCH	2	665	4173	4	HARTZELL	98	4	71.4	-2.9	74.8	
MU-2B-40	9.96	TPE331-10-501					HC-B4TN-5DL/LT1028		V				

AJRCRAFT NOISE DATA FOR U.S. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW MLW	ENGINE DATA					PROPELLER	DIAM (IN)	BLADES	NOISE LEVEL (dBA)			
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL		PITCH	MdBA	PC	CdBA	NOTES
MITSUBISHI	11.56	AIRESEARCH	2	715	4273	4	HARTZELL	98	4	77.7	-1.4	76.5	
MU-2B-60	11.60	TPE331-10-501M					HC-B4TN-5DL/LT1028		V				
MOONEY	2.14	LYCOMING	I	192	2700		MCCAULEY	74	2	75.3	-1.3	74.0	
M20J	2.74	IO-360-A3B6D					B2D34C212/78CDA-4		V				
MOONEY	2.90	PORSCHE					HARTZELL	74	3			76.4	
M20L	2.92	PRM3200N03					BHC-J2YF-1C/B7421		V				
MOONEY AIRCRAFT	2.90	TELEDYNE	1	210	2700	4	MCCAULEY	74	2	76 6	-1.1	75.4	
M20K	2.90	TSI0-360-GB1					2A34C216/90DHB-16E		V				
PARTENAVIA	4.38	AVCO LYCOMING	2				HARTZELL	76	2			75.4	
WI-Tc	4.38	TO-360-C1A60					HC-C2YK-2CUF		V				
PIPER	1.75	LYCOMING	1	150	2700	7	SENSEMCH	74	2	69.0	-3.1	65.9	
PA-II-150	1.75	0-320-A2B					M74DM6-0-56		F				
PIPER	5.20	LYCOMING	2	250	2575	6	HARTZELL	77	2	76.8	-1 I	75.7	
PA-23-250	4.94	I0-540-C4B5					HC-E2YR-28465-7R		V				
PIPER	5.20	LYCOMING	2	250	2575	4	HARTZELL	77	2	77.0	-0.8	76 2	
PA-23T-250	4.94	TIO-540-C1A					HC-E2YR-28465-7R		V				
PIPER	2.33	LYCOMING	I	160	2700	5	SENSENJCH	74	2	714	0 6	72 0	
PA-28-161	2.33	0-320-D3G					74DM6-0-60		F				
PIPER	2.55	LYCOMING	1	110	2700	5	SENSEMCH	76	2	734	0 5	73.9	
PA-28-181	2.55	O-360-A4M					76EM8S5-062		F				
PIPER	3.00	LYCOMING	1	235	2400	5	HARTZELL	80	a	72.5	04	72 9	
PA-28-236	3.00	0-540-J3A5D					HC-F2YR-1F/F8468A-4		V				
PIPER	2.65	LYCOMING	I	200	2700		SENSEMCH	74	2	75.5	0.0	75.5	
PA-28R-200	2.65	IO-360-CIC							V				
PIPER	2.90	LYCOMING	1	200	2575	2	HARTZELL	76	2	69 1	0.5	69.6	
PA-28R-201T	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)			
MODEL	1000#	MFR, MODEL	NO.	SHP	RPM	EXH	MFR, MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
PIPER	2.75	LYCOMING	1	200	2700	5	MCCAULEY	74	2	74.4	1.1	75.5	
PA-28RT-201	2.75	I0-360-C1C6					B2D34213/90DHA-16		V				
PIPER	2.90	CONTINENTAL	1	200	2575	2	HARTZELL	76	2	69 1	0.3	694	
PA-28RT-201T	2.90	TSIO-360-F					BHC-C2YF-1F/F8459A-		V				
PIPER	2.90	CONTINENTAL	1	200	2575	4	HARTZELL	76	3	72.5	0.3	728	
PA-28RT-201T	2.90	TSIO-360F					PHC-C3YF-1F/F7663-2		V				
PIPER	6.50	LYCOMING	2	275	2400	4	HARTZELL	80	3	77.0	-1.6	75.4	
PA-31	6.50	TIO-540-2AC					HC-E3YR-2ATF FC846		V				
PIPER	6.50	LYCOMING	2	27s	2400	4	HARTZELL	80	3	71.0	-1.1	76.9	
PA-31-325	6.50	TI0-540-F2BD					HC-E3YR-2ATF FC846		V				
PIPER	7.01	LYCOMING	2	315	2400	4	HARTZELL	80	3	78.0	0.9	7a.9	
PA-31-350	7.01	TIO-540-J2BD					HC-E3YR-2ATF FC846		V				
PIPER	7.80	PRATT&WHITNEY	2	620	3810	4	HARTZELL	93	3	76.5	-5.0	71.5	
P A - 3 1 P	7.80	PT6A-135					HC-B3TN-3C/T10178-8		V				
PIPER.	9.00	PRATT&WHITNEY	2	620	3810	4	HARTZELL	93	3	79.2	-5.0	74.2	
PA-3IT	9.00	PT6A-28					HC-B3TN-3B/T-10173B		V				
PIPER	8.97	PRATT&WHITNEY	2	620	3810	4	HARTZELL	93	3	78.2	-4.0	74.2	
PA-3 1T-62	8.97	PT6A-28					HC-BTN-3B		V				
PIPER	8.70	PRATT&WHITNEY	2	455	3810	4	HARTZELL	93	3	76.6	-1.6	75.0	
PA-31T1	8.70	PT6A-11					HC-B3TN-3B/T-10173B		V				
PIPER	9.47	PRATT&WHITNEY	2	620	3810	4	HARTZELL	93	3	79.2	-2.1	77.1	
PA-31-l-2		PT6A-135					HC-B3TN-3B/T-10173B		V				
PIPER	9.00	PRATT&WHITNEY	2	455	3810	1	HARTZELL	93	3	16.6	-1.0	73.6	
PA-31T3		PT6A-11					HC-B3TN-3B/T-10173K		V				
PIPER	3.40	LYCOMING	1	300	2700		HARTZELL	80	2	80.5	-1.2	79.3	
PA-32-300	3.40	I0-540-K1A5					HC-C2YR-1( )F/F8475D		V				

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

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA MER. MODEL	NO.	SHP	RPM	EXH	PROPELLER MFR. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA) MdBA	PC	CdBA	NOTES
PIPER	3.59	LYCOMING	1	300	2700	5	HARTZELL	71	3	78.1	-0.6	n.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	71.3	-0.6	76.7	
PA-32401	3.59	IO-540-K1G5D					HC-C2YR-1( )F/F8475D		V				
PIPER	3.59	LYCOMING	1	300	2700	4	HARTZELL	71	3	76. I	-1.3	74.6	
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	14.4	
PA-32-MIT	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. I	
PA-32R-301T	3.59	TIO-540-SAID					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-S1AD					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-34-2OOT	4.33	TS10-360-E/EB					80HA-4/L80HA-4		V				
PIPER	4.14	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	4.14	CONTINENTAL	2	200	2600	4	HARTZELL	76	2	14.2	-2.:	71.4	
PA-34-220T	4.52	TSIO-360-KB					BHC-C2YF-2CKUF/FC		V				
PIPER	1.68	LYCOMING	1	112	2600	5	SENSENICH	72	2	67.1	0.0	67.8	
PA-38-112	1.61	O-235-L2C					72CK-O-56		F				

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)			
MODEL	1000#	MFR. MODE&	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
PIPER	11.20	PRATT+WHITNEY	2	720	2000	4	HARTZELL	95	3	80.3	-3.5	76.1	
PA-41	10.23	PT6A-41					HC-B3TN-3B/T10173A		V				
PIPER	12.05	GARRETT	2	1000	1540	4	DOWTY ROTOL	106	4	75.1	-5.0	70.1	
PA-42-1000	11.10	TPE331-14A-801Y					R339/4-123-F/8RH R341		V				
PIPER	3.79	LYCOMING	2	180	2700	2	HARTZELL	73	3	77.2	-2.5	74.7	
PA-44-180	3.79	0-360-E1D					HC-C3YR-2EUF/FC-766		V				
PIPER	3.92	LYCOMING	2	180	2575	4	HARTZELL	73	3	74.7	-2.3	72.4	
PA-44-180T	3.79	TO-360-E1A6D					HC-C3YR-2EUF PC-766		V				
PIPER	3.92	LYCOMING	2	180	2575	4	HARTZELL	74	2	73.1	-2.3	71.5	
PA-44-180T	3.79	TO-360-E1A6D					HC-C2YR-2CUF FC766		V				
PIPER	3.90	CONTINENTAL		310	2600	4	HARTZELL	S0	2	14.5	0.0	74.5	
PA-46-310P		TSIO-520-BE					BHC-C2YF-1BF/F8052		V				
PIPER	6.32	LYCOMING	2	350	2500	4	HARTZELL	76	3	80.8	-1.9	78.9	
PA-60-700P		TIO-540-U2A					HC-C3YR-2UF/FC7451		V				
PIPER	5.49	LYCOMING	2	284	2520		HARTZELL	78	3	12.4	-2.4	SO.6	
PA-600A	5.49	IO-540-K1J5					HC-C3YR-2UF FG-8486		V				
PIPER	5.97	LYCOMING	2	290	2575		HARTZELL	78	2	11.5	-1.7	79.8	
PA-601P	5.97	I0-540-S1A5/-P1A5					HC-C3YR-2/C8468-8R		V				
PIPER	6.00	LYCOMING	2	290	2425	4	HARTZELL	78	3	11.9	-2.6	79.3	
PA-602P	6.00	IO-540-AA1A5					HC-3YR-2UF/FC8468-8		V				
SIAI MARCHETTI	2.43	AVCO LYCOMING	1				HARTZELL	76				73.2	
F-260C	2.43	AEIO-540-D4A5					HC-C2YK-1BF		V				
SIAI MARCHETTI	7.50	ALLISON	2				HARTZELL	90	3			74.3	
SF600	7.50	250-B17C					HC-B3TF-7A/T10173-1		V				
SIAI MARCHETTI	2.35	ALLISON		320		4	HARTZELL	76	3	77.0	-5.0	72.0	
SF260	2.55	250-B17D					HC-B3TF-7A						

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)			
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFR. MODEL	(IN)	PITCH	MdBA	PC	CdBA	NOTES
SOCATA	2.53	LYCOMING	1	180	2700		HARTZELL	74	2			70.7	
TB 10	2.46	O-360-A1-AD					HC-C2YK-1BF/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 a4774		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	I0-360-E2A					H73-A50		F				
TAYLORCRAFT	1.50	CONTINENTAL	1	loo	2750	5	MCCAULEY	69	2	69. I	-0.7	68.4	
F-19	1.50	0-200-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	0-235-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-H3YF-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

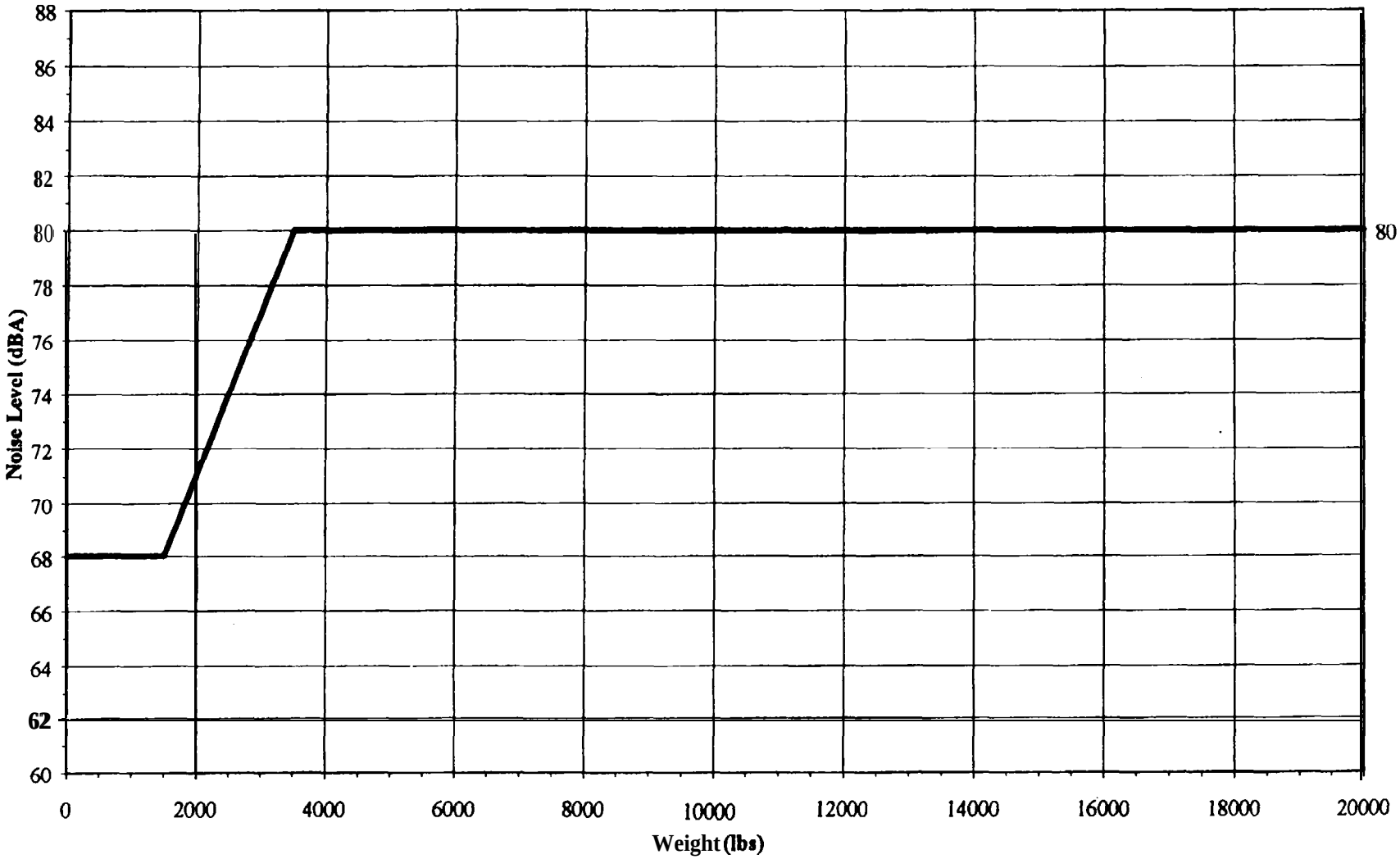
14 CFR PART 36, APPENDIX F
NOISE LIMIT (dBA)

Up To And Including 1,320 lb.	68 dB(A)
Over 1,320 lb. Up To And Including 3,300 lb.	$68 + \left(\frac{W - 1320}{165}\right)$ 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



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

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA MFR. MODEL	NO.	SHP	RPM	PROPELLER MFR. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)	NOTES
AGUSTA SpA	2.60	LYCOMING	1	260	2700	HARTZELL	76	2	79.3	
F260 E	260	AEIO-540-D/E4A5				HC-C2YK-4F/FC8477-8R		V		
CESSNA	295	CONTINENTAL TCM				HARTZELL	80	3	77.8	
182Q w/BONAIRE STC# SA0121	295	IO-550D				PHC-G3YF-1RF/F8468		V		
CESSNA	1.00	PRATT & WHITNEY		600		MCCAULEY	106	3	t1.6	
208/208A	8.00	PT6A-114				3GFR34C703-X/X-106GA-C		V		
CESSNA	1.75	PRATT & WHITNEY		600		MCCAULEY	106	3	1 4 . 2	
208B	1.75	PT6A-114				3GFR34C703-X/X-106GA-C		V		
CESSNA	8.75	PRATT & WHITNEY	I	675		HARTZELL	100	3	io. 1	
208B	8.75	PT6A-114A				HCBCMN3/M10083		V		
CESSNA	s.75	PRATT & WHITNEY	1	675		MCCAULEY	106	3	82.7	
208B	1.75	PT6A-114A				3GFR34C703-X/X-106GA-C		V		
CESSNA	3.80	CONTINENTAL TCM				MCCAULEY	80	3	82.0	
TU206G(WIPAIRE)		TSIO-520M				D3A34C402/90DFA-10		V		
CESSNA	3.80	CONTINENTAL TCM				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-MO-F				D3A34C402/90DFA-10		V		
DATWYLER (MDC)	2.02	LYCOMING	I			MCCAULEY	74	2	67.9	
MD3-160(MUFFLED EXHAUST)	2.02	0-320-D2A				1C172/AGM7462		F		
DATWYLER (MDC)	2.02	LYCOMING				MCCAULEY	74	2	71.7	
MD3-160(STNDRD EXHAUST)	202	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 MFR. MODEL	NO.	SHP	RPM	PROPELLER MFR. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA)	NOTES
FAIRCHILD	16.50	ALLIEDSIGNAL	2			MCCAULEY	106	4	81.3	
SA227-DC	15.70	TPE331-12UA/AR701G				4HFR34C652X/X-L106LA-O		V		
FFA	2.40	LYCOMING	1			HARTZELL	74	2	77.1	
AS202/18A4	2.30	AEIO-360-B1F				HC-C2YK-1BF		V		
GENERAL AVIA	1.67	LYCOMING	1	101					76.9	
F22	1.67	0-235-N2C				MT 180R 120-2C		F		
GYROFLUG-INGENIEUR	1.57	LYCOMING	1	153	2500	MT-PROPELLER	60.3	3	72.0	
SC 01 B-160	1.57	O-320 D1A				MTV-6-C/LD 152-07		V		
KINGS ENGINEERING	5.80	LYCOMING	2			HARTZELL	76	3	84.2	
44	5.80	IO-540-M1AS				HC-E3YR-2ALTF/FLC-7468		V		
MOONEY	3.40	LYCOMING	1	270	2575	MCCAULEY	75	2	74.0	
M20M	3.40	TIO-540-AF1A				B3D32C417/G82NRd07		V		
PARTENAVIA	4.60	LYCOMING	2			HARTZELL	72	2	78.2	
P68 OBSERVER 2	4.40	lo360 A1B6				HC-C2YK-2F/F07666A-4		V		
PIAGGIO	10.80	PRATT & WHITNEY	2			HARTZELL	85	5	1 1 . 9	
P 180	10.80	PT6A-66				M8218X9/LM8218X9		V		
PIAGGIO	11.60	PRATT&WHITNEY	2			HARTZELL	85	5	81.8	
P180	11.60	PT6h-66				HC-E5N-3/HE8218		V		
PILATUS BRITTEN	1.50	ALLISON	2			HARTZELL	80	3	76.0	
BN-2T-4R	8.50	250-B17F/1				HC-C3YF-5F/FC7818K		V		
PILATUS FLUG. AG	6.20	PRATT&WHITNEY	1			HARTZELL	103	3	79.4	
PC-6/B2-H4	6.20	PT6A-27				HC-B3TN-3		V		
PZL WARZAW	1.90	LYCOMING	1			SENSENICH	74.3	2	72.3	
PZL KOLIBER 150A	1.90	0-320-EZA				74DM6-0-58		F		
PZL WARZAW	1.90	LYCOMING	1			SENSENICH	74.3	2	73.1	
PZL KOLIBER 150A	1.90	0-320-EZA				74DM6-0-54		F		

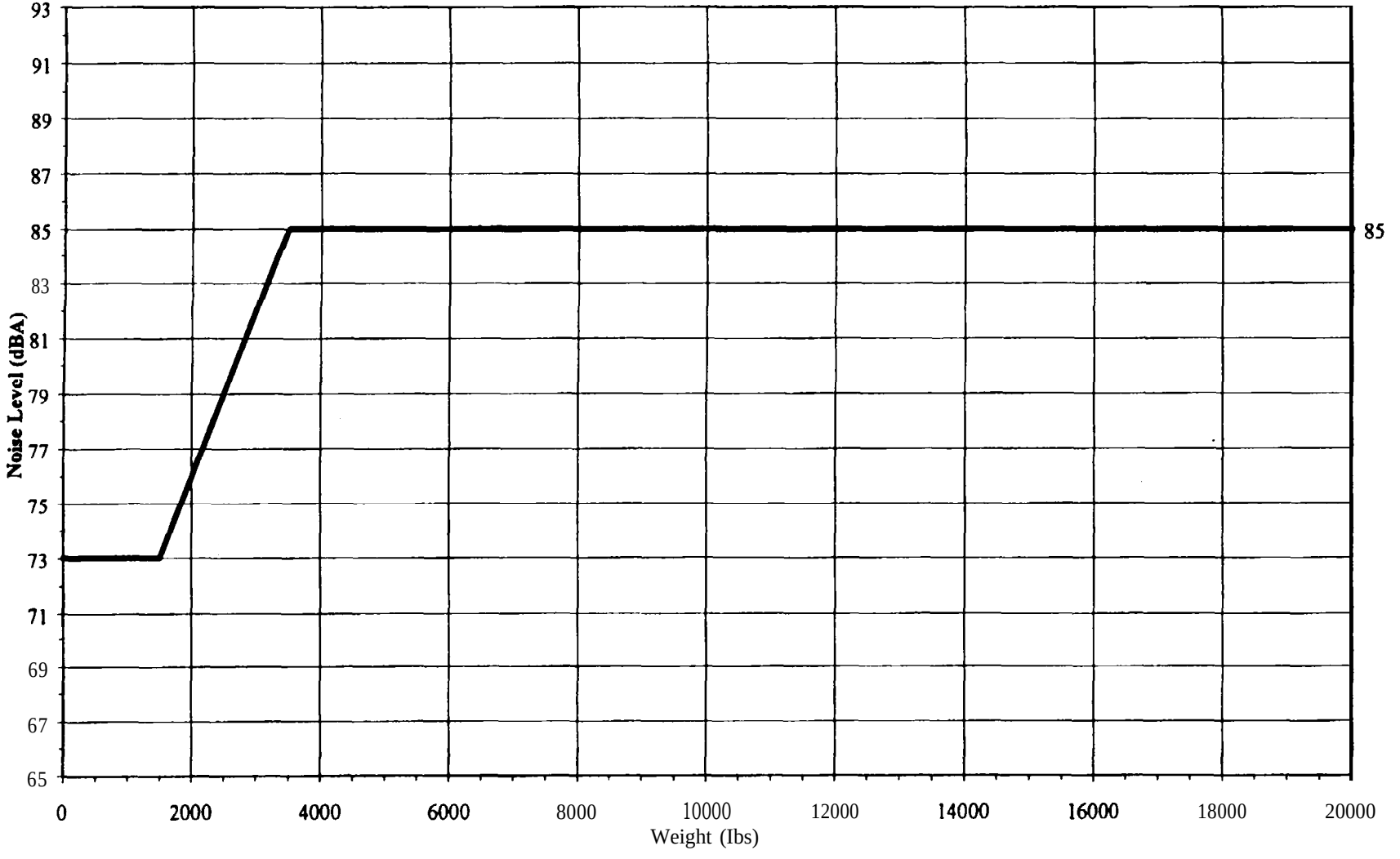
EQUATIONS FOR THE CALCULATION OF NOISE CERTIFICATION
LIMITS FOR PROPELLER DRIVEN SMALL AIRPLANES AND COMMUTER CATEGORY AIRPLANES

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.	$73 + \left(\frac{W - 1320}{165}\right)$ 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



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

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA MFR. MODEL	NO.	SHP	RPM	EXH	PROPELLER MFG. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA) MDBA	PC	CDBA	NOTES
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	641	-1.3	62.1	
AKA-FLIEG STUTTGART FS-21	1.98	LYCOMING IO-360-B17	1	181			HOFFMANN HO-V-132K-X/LD210	7:	2 V	721	-1.4	70.6	
ALPLA-WERKE AVO-68S	1.50	LIMBACH SL-1700-EI	I	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	I	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	I	153			HOFFMANN HO-23 A-188 125	74	2 F	696	-62	646	
CASA 1.131E S2000	1.59	LYCOMING AEIO-360-B2F	1	170			HOFFMANN HO-27 HM-198B	71	2 F	714	-50	664	
CASA 1.131E S2000	1.59	ENHASA TIGRE G-IV-B	I	118			ENHASA HC 212 III	83	2 F	670		670	
CASA SPANIER 1.131-E	1.59	TIGER ENHASA G-IV-N	I	99			ENHASA HC-212-111	83	2 F	714	-18	696	
DEHAVILLAND DH6-300	12.57 12.35	PRATT+WHITNEY PT6A-27	2	620	2112		HARTZELL HC-B3TN-3D	102	3 V	823	-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 MODEL	MTOW MLW 1000#	ENGINE DATA MFR. MODEL	NO.	SHP	RPM	EXH	PROPELLER MFG. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA) MDBA	PC	CDBA	NOTES
DORNIER 228-201	13.1s	GARRETT TPE331-5-252D	2				HARTZELL HC-B4TN-5ML/LT10574	107	4			15.3	
DORNIER W-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-1490	2.61	AVCO LYCOMING GO-480-B1A6	1	260			HARTZELL HC-A3V20-1D/V8433SP	85	3 V	68 8	-0.1	a . 7	
FUJI HEAVY IND. FA-200-110	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	1.10	LYCOMING AEIO-360-B1G6	1	177			HARTZELL HC-C2YK-4BF	74	2 V	74.4	-5.0	694	
GULFSTREAM AMERICAN AA-IA	1.52	LYCOMING O-235-C2C	1	108	2500		MC CAULEY SCM1A105/7154	71	2 F	68.3	0.3	61.6	
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	1.2:	VK VW 1500-FR	1	50			HOFFMANN HO-11-130B-100D	51	2 F	59.5		59.5	
MBB BO-208	1.39	CONTINENTAL 0-200-A	1	69			MCCAULY IA-100MCM-6950	69	2 F	669		66.9	
MBB BO-208	1.39	CONTINENTAL 0-200-A	1	99			MCCAULY 1A-100MCM-6955	69	2 F	67.3		67.3	
MBB BO-208	1.39	CONTINENTAL G-200-A	1	99			MCCAULY IA-lOOhtCM-6751	67	2 F	67.5	-1.0	66.5	
MBB BO-209	1.81	LYCOMING 0-320-E1F	1	141			HARTZELL HC-C2YL-1B/7663A-6	76	2 V	70.7	-1.6	69.1	

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES

(ICAO ANNEX 18, CHAPTER 8)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA MFR. MODEL	NO.	SHP	RPM	EXH	PROPELLER MFG. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA) MDBA	PC	CDBA	NOTES
MBB m-209	1.11	LYCOMING IO-320-D1A	1	157			HARTZELL HC-C2YL-1B/7663-SP	76	2 V	70.1	-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 0-300-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 V500A	79	2 V	71.7	1.4	73.1	
MUDRY CAARP CAP 10	1.13	LYCOMING 10 360 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	10.7	-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	17.4	
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	71.0	
PILATUS BRITTEN BN-2A MKIII-3	10.01	LYCOMING O-540-E4C5	3	260	2500	6	HARTZELL HC-C2YK-2CUF/FC8477	78	2 V	19.4	-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 F OR FOREIGN CERTIFICATED PRGPEUER DRIVEN SMALL AIRPLANES
(ICAO ANNEX 16, CHAPTER 6)

MANUFACTURER	MTOW MLW	ENGINE DATA					PROPELLER	DIAM	BLADES	NOISE LEVEL (dBA)			
MODEL	1000#	MFR. MODEL	NO.	SHP	RPM	EXH	MFG. MODEL	(IN)	PITCH	MDBA	PC	CDBA	NOTES
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	2sO0	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-54O-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	a . 2	
PILATUS-PORTER PC-6C1-H2/PC-6T	4.85	AIRESEARCH TPE331-1-100	1	S76			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 Pn-110	1.70 1.70	PZL-FRANKLIN 4A.235 B	2	12S	2050	2	us 135	70	2 F	67.0	2.8	69.8	
REIMS AVIATION F 152 II	1.61	LYCOMING C235 L2C	1	109	2550		MCCAULEY 1A103/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	727	12	73.9	
REIMS AVIATION F 172 N	2.19	LYCOMING C 320 H2AD	1	160	2700		MCCAULEY 1C 160/DTM 7557	7S	2 F	73.4	-0.1	73.3	
REIMS AVIATION F 182 P	2.95	CONTINENTAL 0470s	1	230	2600		MCCAULEY 2A 34C 66	82	2 V	n.4	-1.4	76.0	

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

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA MFR. MODEL	NO.	SHP	RPM	EXH	PROPELLER MFG. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA) MDBA	PC	CDBA	NOTES
REIMS AVIATION	2.93	CONTINENTAL	1	230	2400		MCCAULEY	82	2	72.1	-2.4	69.7	
F 182 Q	2.95	0470 u					2A 34C 204		V				
REIMS AVIATION	2.56	CONTINENTAL	1	195	2600		MCCAULEY	77	2	73.2	-1.1	72.1	
FR 172K		10 360 K					2A 34C 203		V				
REIMS AVIATION	3.69	LYCOMING	1	235	2400		MCCAULEY	82	2	73.1	-1.5	70.6	
FR 182		0540J3CSD					B2D 34C 214		V				
ROBIN	1.98	LYCOMING	1	118	2700		MCCAULEY	71	2	68.2	2.4	70.6	
DR 400/120A	1.98	0 235 L2A					1A 135 DCM 7150		F				
ROBIN	2.31	LYCOMING	1	160	2700		SENSENICH	74	2	n.9	0.3	73.2	
DR 400/160	2.31	0320D					74 DM 63264		F				
ROBIN	2.43	LYCOMING	1	180	2600		SENSENICH	76	2	72.2	0.9	73.1'	
DR 400/180	2.43	0 360 A 3A					76EM855-064		F				
ROBIN	2.26	LYCOMING	1	180	2700		SENSENICH	76	2	74.1	-2.5	71.6	
DR 400/180R	2.26	O-360 A3A					76 EM 855058		F				
ROBIN	1.98	LYCOMING	1	116	2700		SENSENICH	72	2	69.6	2.0	71.6	
DR400/120	1.98	0 235-L2A					72 CKS-6-056		F				
ROBIN	3.09	CONTINENTAL	1	285	4000		HOFFMANN	79	3	74.2	-1.3	72.9	
HR 100-285	3.09	TIARA 6 285 B					2000TR/MN		V				
ROBIN	1.76	LYCOMING	1	112	2600		SENSENICH	72	2	67.3	0.2	67.3	
R 2112	1.76	0 235 L2A					72 CK 56-056		F				
ROBIN	1.76	LYCOMING	1	160	2600		SENSENICH	72	2	72.4	-2.6	69.8	
R 2160	1.76	0320D					74DM65 5264		F				
SAAB FAIRCHILD	4.41	LYCOMING	1	197			HARTZELL	74	2	73.8	0.7	74.5	
MFI-15-200A		IO-360-A1B6					HC-2CYK-4BF		V				
SCHEIBE FLUGZEUGBAU	1.34	LIMBACH	1	48			HOFFMANN	59	2	St.3	-1.0	57.3	
SF-25C		SL-1700-EA					HO-II-ISOB-7SL		F				

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES

(ICAO ANNEX 16, CHAPTER 6)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA MFR.MODEL	NO.	SHP	RPM	EXH	PROPELLER MFG.MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA) MDBA	PC	CDBA	NOTES
SCHEIBE FLUGZEUGBAU SF-21 M-B	0.85	HIRTH-MOT.BAU 171R-4E	1	28			HOFFMANN HO-02-120-50	47	2 F	67.7	02	67.9	
SCHEMPP-HIRTH CM	1.50	BINDER MOT.BAU WB-2	1	52			HOFFMANN HO-11158B-70	62	2 F	65.2	1.4	66.6	
SCHEMPP-HIRTH NIMBUS-2M	1.32	SCHEMPP-HIRTH SM-1 (O-28280R)	1	50			HOFFMANN HO-11145-B80	57	2 F	63.6	1.8	63.4	
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	111	2100	2	HOFFMAN HO14-178-120	70	2 F	70.9	-2.3	68.6	
SOC.AERONAUT. JODEL D 140B	2.63	LYCOMING 0-360-A2A	1	177			SENSENICH 76EM8-0-60	76	2 F	74.0	0.2	74.2	
SOCATA 110 ST	1.70	LYCOMING 0-235L-2A	1	110	2600		MCCAULEY 1A 103TCM 6958	69	2 F	67.6	1.0	61.6	
SOCATA 150 SV	1.96	LYCOMING 0 326 D2A	1	160	2700		SENSENICH M 74 DM 61	74	2 F	73.8	-2.2	71.6	
SOCATA 180 T	2.09 2.09	LYCOMING 0 360 A3A	1	180	2700		SENSENICH 76 EM8 060	76	2 F	73.1	-0.8	n.3	
SOCATA 235 E	2.63 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 0 200 A	1	100	27S0		MCCAULEY 1A 101 DCM/6948	67	2 F	68.8		68.8	
SOCATA 893 E	2.31 2.31	LYCOMING 0 360 A3A	1	185	2700		HOFFMANN HO 27 mu186 135	73	2 F	71.3		71.3	
SOCATA TB 10	2.w	LYCOMING 0-360-A1AD	1	180	2700		HARTZELL HC-C2YK-1BF-F7666-A2	74	2 V	72.4	-0.9	71.5	

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPEUER DRIVEN SMALL AIRPLANES
(ICAO ANNEX 18, CHAPTER 8)

MANUFACTURER MODEL	MTOW MLW 1000#	ENGINE DATA MFR. MODEL	NO.	SHP	RPM	EXH	PROPELLER MFG. MODEL	DIAM (IN)	BLADES PITCH	NOISE LEVEL (dBA) MDBA	PC	CDBA	NOTES
SOCATA TB 9	2.34	LYCOMING 0 320 D2A	1	160	2700		SENSENICH 74 DM6 61	74	2 F	71.2	1.3	R.5	
SPORTAVIA PUTZ. ELSTERB	1.54	CONTINENTAL C90-12F	1	88			HOFFMANN HO-14-183 loo	72	2 F	66.0		66.0	
SPORTAVIA PUTZ. RF-S	1.43	LIMBACH L2100-EIX	1	71			HOFFMANN HO-VR/L-150A	59	2 V	63.4	-1.3	62. I	
SPORTAVU PUTZ. RF6-B	1.98	LYCOMING 0-320-A1B	1	150			HOFFMANN HO-23 178-145	70	2 F	71.2	-1.1	70.1	
SPORTAVIA PUTZ. RS-180	2.43	LYCOMING 0-360-A3A	1	180			HOFFMANN HO-27.Hhf-110138	70	2 F	66.1	-0.9	65.9	
SPORTAVIA PUTZ. RS-180	2.45	LYCOMING 0-360-A3A	1	180			MCCAULY 1A170/FFA7563	75	2 F	73.8		73.8	
WASSMER WA 80	1.76	ROLLS ROYCE 0200A	I	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

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED HELICOPTERS

(14 CFR PART 38, APPENDIX H)

MANUFACTURER MODEL	MGW MLW 1000#	ENGINE DATA MFR. MODEL	NO.	MAIN ROTOR MFR. MODEL	BLADES	DIA(FT.)	TAIL ROTOR MFR. MODEL	BLADES	DIA(FT.)	NOISE LEVEL (EPNdB) FO	TO	AP	STAGE	NOTES
AGUSTA A109K2	6.28 6.28	TURBOMECA ARRIEL 1K1	2		4	36.1		2	6.6	69.1	91.7	91.1	2	
BELL HELI TEXTRON 206L-4	4.4s 4.4s	ALLISON 250-C30P	1	BELL HELI TEXT 206-015-001-107	2	37.0	BELL HELI TEXT 206-016-201-127	2	s.4	85 2	88.4	m.7	2	
BELL HELI TEXTRON 230 FXD SKD OR	1.40 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	6.1	90.5	89.1	94.2	2	
BELL HELI TEXTRON 230 RTR WHL GR	8.40 1.40	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	19.1	94.2	2	
BELL HELI TEXTRON 412 HP	11 90 11.90	PRATT&WHITNEY PT6T-3E	2	BELL HELI TEXT 412-015-300-109	4	460	BELL HELI TEXT 212-010-750-105	2	8.6	93.4	92.8	95.6	2	
BELL HELI TEXTRON 412 SP	II.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	1.6	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	69	91.6	92.4	93.1	2	
BOEING MD 520N	3.3s 3.3s	ALLISON 250-C20R/2		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 ID1	I	AEROSPATIALE 355A31.0001	3	35.1	AEROSPATIALE 355A12 0031 OR 0040	2	6.1	17.1	89.1	91.4	2	
EUROCOPTER AS 350BA	4.63 4.63	TURBOMECA ARRIEL 1B			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	3S.6	EUROCOPTER 350A33-0008-03/04	2	6.2	86.2	88.8	92.9	2	
EUROCOPTER AS 3SSRR	5.29 5.29	ALLISON 250-C20F	2		3	35.1		2	6.1	87.6	89.0	93.8	2	

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATE0 HELICOPTERS

(14 CPR PART 36, APPENDIX H)

MANUFACTURER MODEL	MGW MLW 1000#	ENGINE DATA MFR. MODEL	NO.	MAIN ROTOR MFR. MODEL	BLADES	DIA(FT.)	TAIL ROTOR MFR. MODEL	BLADES	DIA(FT.)	NOISE LEVEL (EPNdB) FO	TO	AP	STAGE	NOTES
EUROCOPTER	5.60	TURBOMECA	2		3	35.1		2	6.1	86.2	88.8	92.9	2	
AS 355N	5.60	ARRIUS 3191M												
EUROCOPTER	9.37	TURBOMECA	2		4	39.2		II	3.6	91.0	93.3	96.1	2	
As 365N2	9.37	ARRIEL 1C2												
EUROCOPTER	7.39	LYCOMING	2		4	36.1		2	6.4	90.8	90.0	96.0	2	
BK 117B2	7.39	LTS-101-750B1												
EUROCOPTER	7.39	TURBOMECA	2		4	36.1		2	6.4	19.7	90.6	96.0	2	
BK 117C1	7.39	ARRIEL 1E2												
SIKORSKY	10.80	TURBOMECA	2	SIKORSKY	4	44.0	SIKORSKY	4	1.0	92.8	92.S	95.6	2	
S-76A STC:568NE	10.80	ARRIEL 1s		76150-9000/09100			76101-05101-041							
SIKORSKY	11.70	TURBOMECA	2	SIKORSKY	4	44.0	SIKORSKY	4	1.0	93.2	96.0	97.7	2	
s-76C	11.70	ARRIEL 1S1		76150-09199-41			76101-05501-041							
SIKORSKY	11.70	TURBOMECA	2	SIKORSKY	4	44.0	SIKORSKY	4	8.0	91.6	93.9	96.1	2	
S-76C+ (PLUS)	11.70	ARRIEL 2S1		76150-09100-41			76101-05501-041							

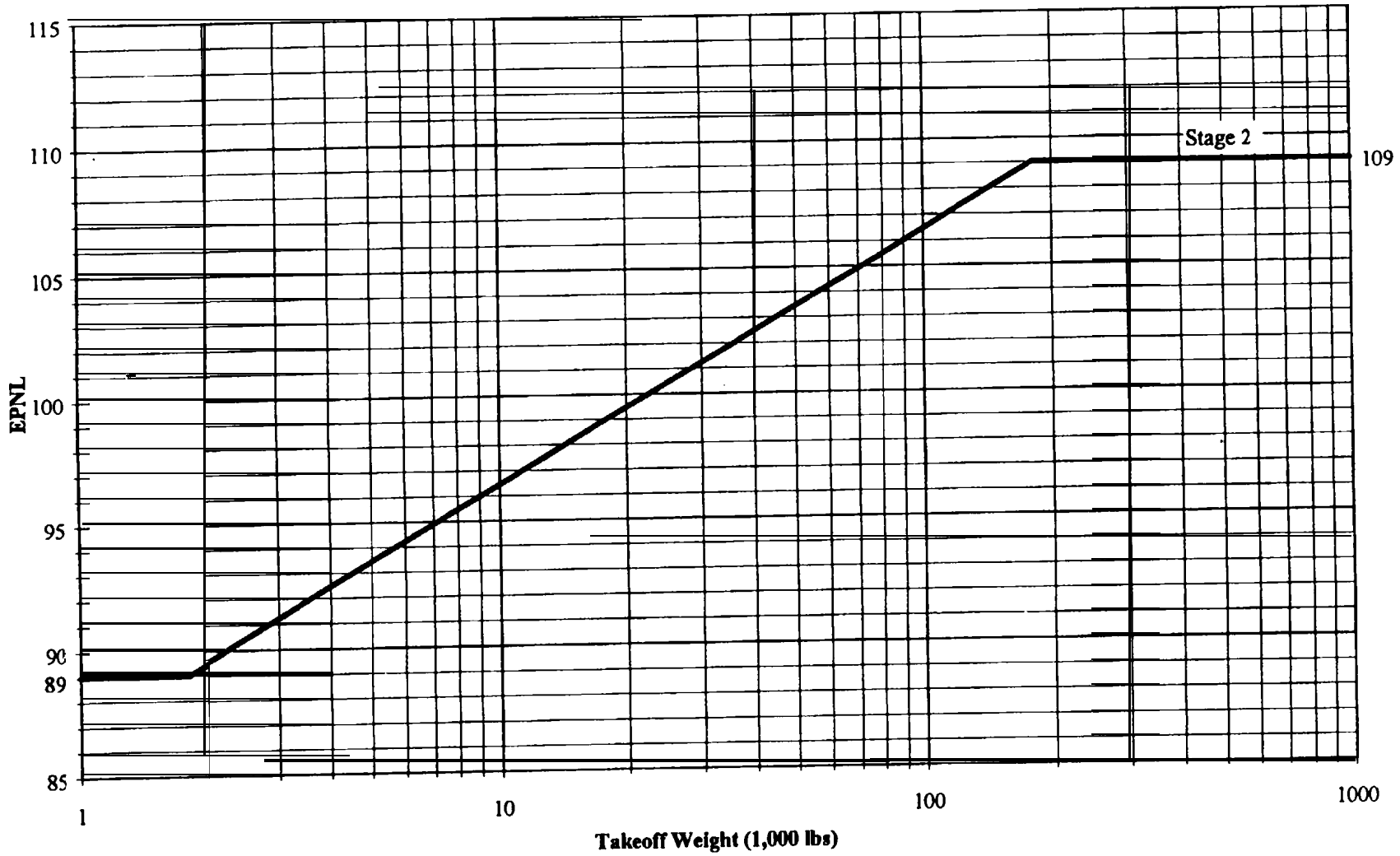
EQUATIONS FOR THE CALCULATION OF NOISE CERTIFICATION LIMITS AT TAKEOFF, SIDELINE, AND APPROACH

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

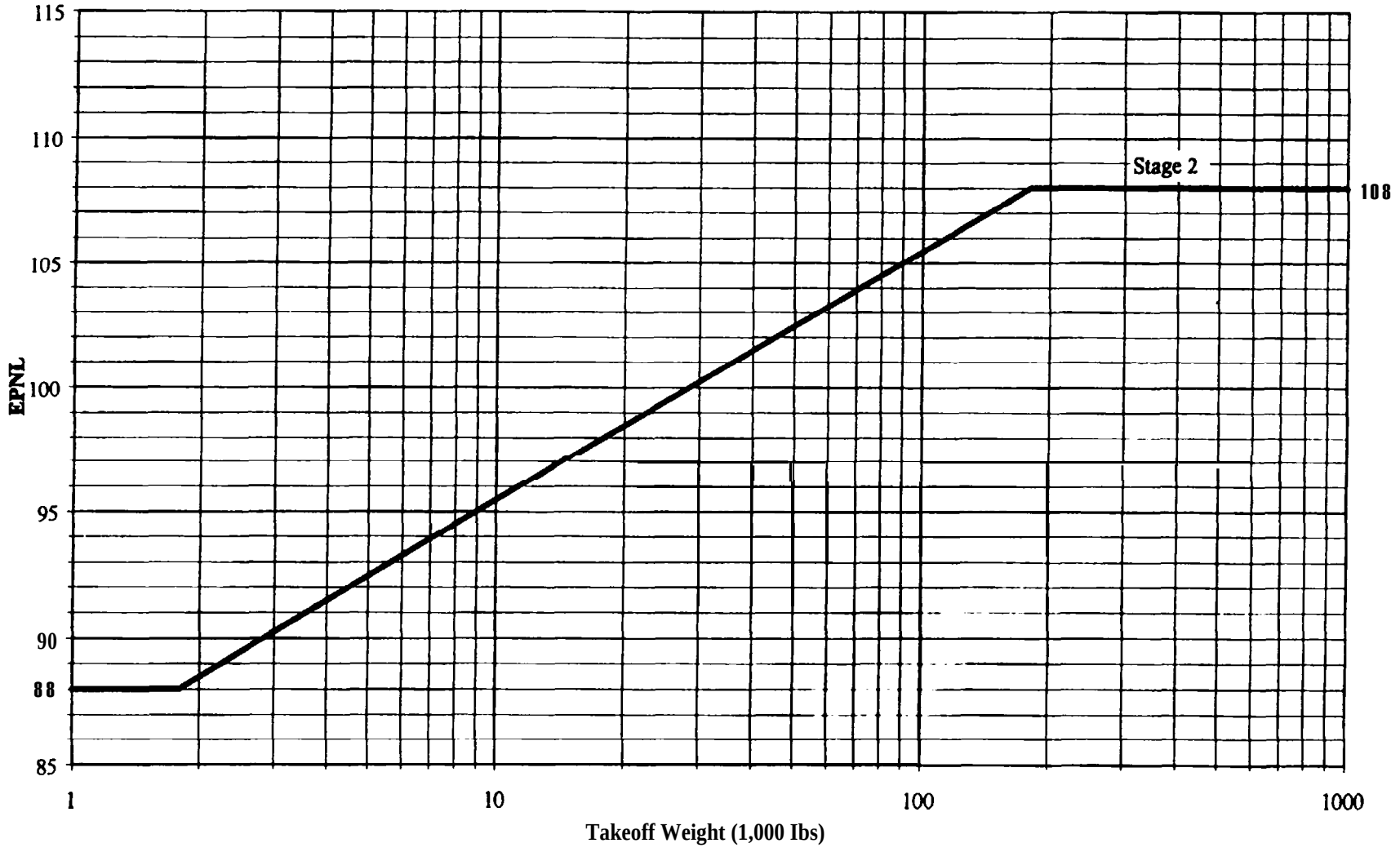
NOISE CERTIFICATION REQUIREMENTS - HELICOPTERS

TAKEOFF



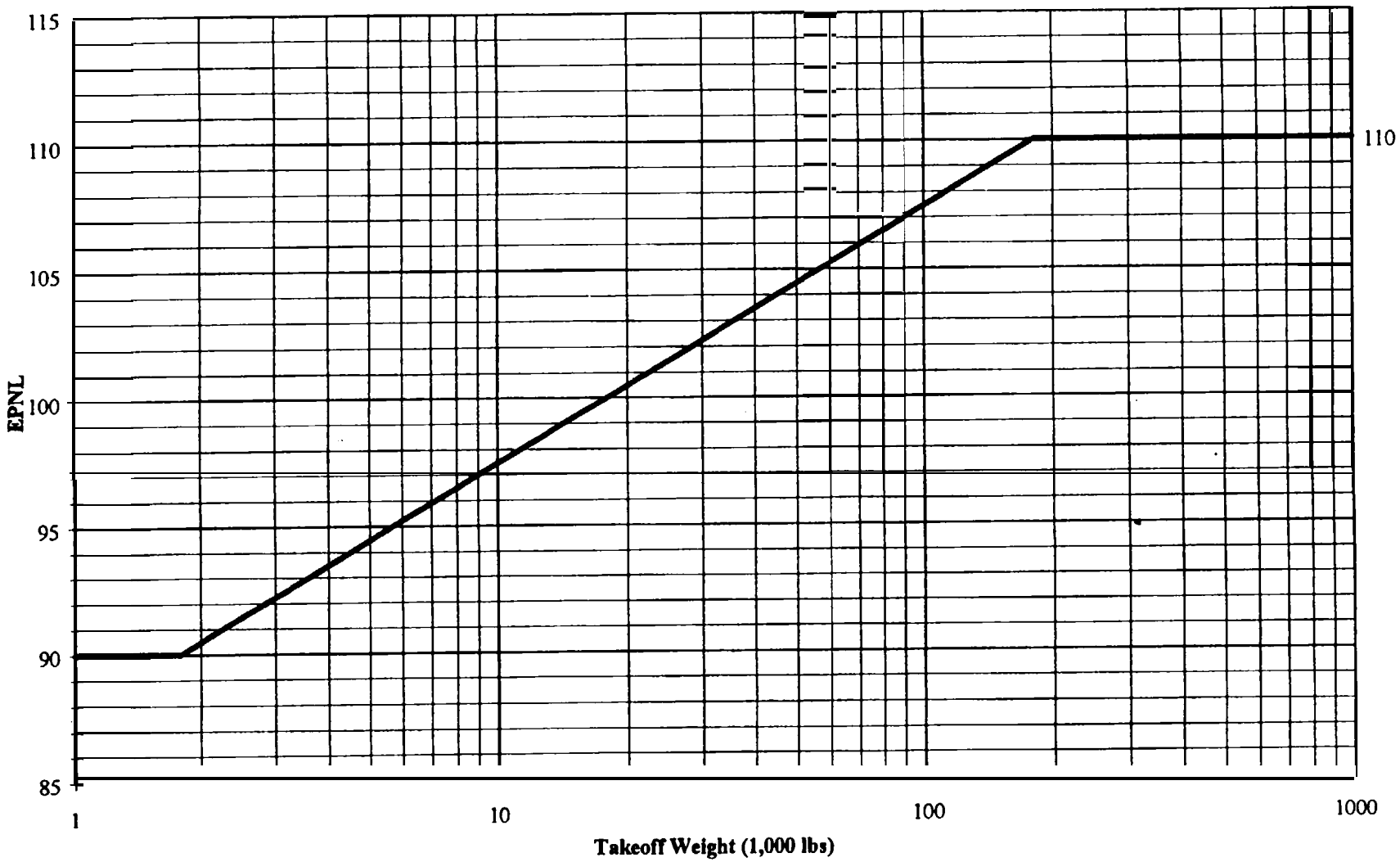
NOISE CERTIFICATION REQUI.REMENTS - HELICOPTERS

FLYOVER



NOISE CERTIFICATION REQUIREMENTS - HELICOPTERS

APPROACH



AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED HELICOPTERS

(14 CFR PART 36, APPENDIX J)

MANUFACTURER MODEL	MGW MLW 1000#	ENGINE DATA MFR. MODEL	MAIN ROTOR NO.	MAIN ROTOR MFR. MODEL	MAIN ROTOR BLADES	MAIN ROTOR DIA(FT.)	TAIL ROTOR MFR. MODEL	TAIL ROTOR BLADES	TAIL ROTOR DIA(FT.)	NOISE LEVEL (SEL) FO	STAGE	NOTES
BELL HELI TEXTRON 206L-4 w/STC00036SE	4.55 4.55	ALLISON 250-C20R	2	BELL HELI TEXT 206-015-001-107	2	37.0	BELL HELI TEXT 206-016-201-127	2	5.4	ts.2	2	
BELL HELI TEXTRON 407	5.00 5.00	ALLISON 250-C47B	1	BELL HELI TEXT 407-015-001-101	4	35.0	BELL HELI TEXT 406-016-100-101	2	5.4	15.1	2	
BOEING MD 600N	4.10	ALLISON 250-C47	1		6	27.5		13		79.0	2	
BOEING MD900	6.00 6.00	PRATT & WHITNEY PW206A	2	MCDONNELL DOUGLAS	5	33.9	MCDONNELL DOUGLAS NOTAR	13	1.8	12.1	2	
ENSTROM 280FX/F-28F	1.07	LYCOMING H10-360-F1AD	1		3	32.0		2	4.7	79.0	2	
ENSTROM TH28/480	2.15 2.85	ALLISON 250-C20W	I	ENSTROM 4143000-I	3	32.0	ENSTROM 28-150073-3	2	5.0	$2.4	2	
EUROCOPTER EC 120	3.70	PRATT & WHITNEY PT6B-37	I		4	32.1		8		78.7	2	
EUROCOPTER EC135P	5.10	PRATT & WHITNEY PW206B	2		4	33.5				11.6	2	
EUROCOPTER EC135T	5.80	TURBOMECA ARRIUS 2B	2		4	33.5				10.2	2	
KAMAN K-1200	6.00 6.00	TEXTRON LYCOMING T5317A-1	1	KAMAN K-1200(2)2 Rotors	2	48.2				82.5	2	4
ROBINSON R44 ASTRO	2.40 2.40	LYCOMING 0-540-F1B5	1	ROBINSON HELI C016-1	2	33.0	ROBINSON HELI C029-1	2	4.8	81.9	2	
SCHWEIZER 269D/330	2.20 2.20	ALLISON 250-220W	1	SCHWEIZER 269 A 1002	3	26.8	SCHWEIZER 269 A 6034-19	2	4.3	79.4	2	
SCHWEIZER 300C(1)	2.05	LYCOMING H10-360-DIA	1		3	26.1		2	4.3	78.8	2	1
SCHWEIZER 300C(2)	2.05	LYCOMING H10-360-DIA	1		3	26.1		2	4.3	81.1	2	2
SCHWEIZER 300C(3)	2.05	LYCOMING H10-360-DIA	1		3	26.1		2	4.3	79.2	2	3

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

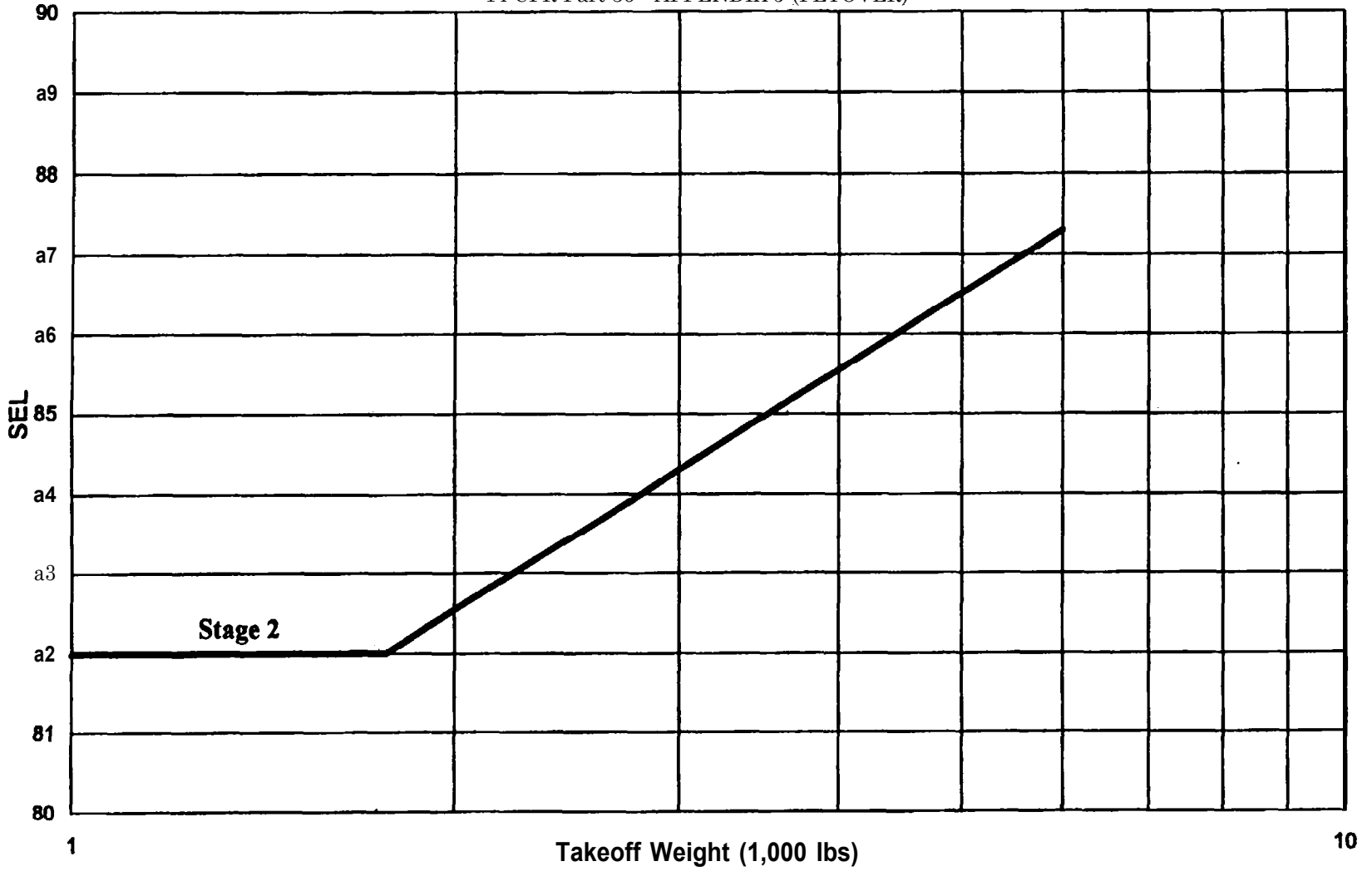
14 CFR Part 36, APPENDIX J
Noise Limit (SEL)

Flyover Limits

Up To And Including 1,764 lb.	82
Over 1,764 lb. Up To And Including 6,000 lb.	$82 + 3.01\left\{\dfrac{\log \frac{W}{1,764}}{\log 2}\right\}$

NOISE CERTIFICATION REQUIREMENTS - HELICOPTERS

14 CFR Part 36 - APPENDIX J (FLYOVER)



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