U.S. Department
of Transportation

**Federal Aviation
Administration**

Advisory Circular

Subject: **Date:** 11/15/01 **AC No:** 36-1H
Initiated by: AEE-100 **Change:**

NOISE LEVELS FOR U.S. CERTIFICATED AND FOREIGN AIRCRAFT

1. PURPOSE. This circular provides noise level data for aircraft certificated under 14 CFR part 36. Noise level data for foreign aircraft certificated to ICAO Annex 16 standards are also provided in a separate appendix for informational purposes. Other appendices list selected configurations of U.S. certificated aircraft and provide listings of noise levels ranked in descending order.

2. CANCELLATION. Advisory Circular 36-1G, Noise Levels for U.S. Certificated and Foreign Aircraft, dated August 27, 1997, is canceled.

3. BACKGROUND. The agency's regulatory program for aircraft noise requires the quantification of aircraft noise levels. Progress in the control and abatement of aircraft noise continues to be made to achieve further relief and protection to the public. This updated Advisory Circular, containing certificated aircraft noise levels, will provide both private and public exposure to this progress, as well as offering a common noise level reference for potential future reductions.

4. NOISE LEVELS. Noise levels measured during type certification under 14 CFR part 36 and ICAO Annex 16 are presented in Appendices 1 through 11. Formulas for calculating the appropriate 14 CFR part 36 noise level requirements, as contained in sections C36.5, F36.301, G36.301, H36.305, and J36.305 follow the applicable appendix.

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

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

As required by Part 36, certification noise levels for approach are those which are most critical from a noise standpoint, for the airplane configurations used to show compliance with the landing requirements in the airworthiness regulations constituting the type certification basis of the airplane. Takeoff certification noise levels are presented for takeoff with thrust cutback unless there is an asterisk (*) in the "NOTES" column, in which case full takeoff thrust certification noise levels are presented.

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

Since the original measurement locations and noise test conditions cited in 14 CFR part 36, on November 18, 1969, have been amended through the years, the noise levels contained herein are for the measurement locations and noise test conditions applicable at the time of certification. In each case, the measured data have been corrected to sea level, 77 °F, 70% relative humidity conditions using the procedures outlined in 14 CFR part 36. Specific information providing more detail on either the measurement locations or noise test conditions, if available, are indicated by the notes accompanying each listing. Blank spaces or lack of notes in the report indicate the data were not available.

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

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

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

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

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

Appendix 8 lists the certificated airplane noise levels for propeller-driven small airplanes and commuter category airplanes certificated under 14 CFR part 36, Appendix G. This appendix includes a tabulation of maximum takeoff weights, landing weights, engine type, horsepower, propeller type and propeller diameter, and the noise level in dB(A). Note that the 14 CFR part 36, Appendix G noise certification requirements for propeller-driven small airplanes and commuter category airplanes superseded those of 14 CFR part 36, Appendix F for noise certification tests conducted on or after December 22, 1988.

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

Appendix 10 lists the certificated noise levels for helicopters certificated under 14 CFR part 36, Appendix H. Helicopter noise levels are classified as either Stage 1 or Stage 2. A "Stage 2" helicopter means a helicopter that 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:

U.S. Department of Transportation
Distribution Requirements Section
SVC-121.21
Washington, DC 20590.

6. REVISIONS. This Advisory Circular will be revised and updated periodically.

Carl E. Burleson
Director, of Environment and Energy

LIST OF APPENDICES

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
AEROSPATIALE	SN601 CORVETTE	13.90	12.40	JT15D-4	2	2.50	2.68	15	35	80.4	85.4	89.5	3	*
AEROSPATIALE	SN601 CORVETTE	14.60	13.20	JT15D-4	2	2.50	2.68	15	35	74.0	81.0	90.0	3	
AIRBUS	A300 B4-605R	330.40	290.00	CF6-80C2A5F	2	61.50	5.00	0	40	87.4	98.8	99.5	3	
AIRBUS	A300 B4-605R	385.46	319.38	CF6-80C2A5F	2	61.50	5.00	0	40	91.5	98.5	100.0	3	
AIRBUS	A300B2-1C	291.00	268.00	CF6-50C2-R	2	50.40	4.40	0	25	89.9	97.5	102.9	3	
AIRBUS	A300B2-1C	313.00	286.60	CF6-50C2-R	2	50.40	4.40	0	25	91.8	97.4	103.1	3	
AIRBUS	A300B2-203	313.10	286.60	CF6-50-C2	2	51.80	4.30	16	25	91.1	97.9	103.1	3	
AIRBUS	A300B4-103	347.20	295.40	CF6-50-C2	2	51.80	4.30	16	25	93.6	97.7	103.0	3	
AIRBUS	A300B4-203	313.05	286.60	CF6-50C2	2	51.80	4.30	0	25	90.5	97.3	102.4	3	31
AIRBUS	A300B4-203	363.70	299.83	CF6-50-C2	2	51.80	4.30	0	25	94.0	96.9	102.4	3	31
AIRBUS	A300B4-622R	330.00	275.00	PW-4158	2	58.00	4.85	0	40	88.0	98.3	101.3	3	
AIRBUS	A300B4-622R	385.00	304.50	PW-4158	2	58.00	4.85	0	40	93.1	97.9	101.9	3	
AIRBUS	A310-221	305.60	267.90	JT9D-7R4D1	2	48.00	4.50	15	40	90.5	94.8	100.6	3	
AIRBUS	A310-304	275.58	261.25	CF6-80C2A2	2	53.50	5.00	0	40	85.7	96.5	98.5	3	
AIRBUS	A310-304	352.74	286.60	CF6-80C2A2	2	53.50	5.00	0	40	92.9	96.1	98.8	3	
AIRBUS	A310-324	330.69	271.16	PW-4152	2	52.00	4.85	15	40	90.6	97.2	100.2	3	
AIRBUS	A319-112	123.45	121.25	CFM56-5B6/P	2	23.50	6.00	10	40	78.5	93.2	93.7	3	
AIRBUS	A319-112	166.44	149.91	CFM56-5B6/P	2	23.50	6.00	10	40	86.3	92.0	94.4	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
AIRBUS	A319-113	123.46	121.25	CFM56-5A4	2	22.00	6.00	10	40	80.1	93.9	94.0	3	
AIRBUS	A319-113	158.73	149.91	CFM56-5A4	2	22.00	6.00	10	40	87.5	93.1	94.8	3	
AIRBUS	A319-114	123.45	121.25	CFM56-5A5	2	23.50	6.00	10	40	79.5	94.9	94.0	3	
AIRBUS	A319-114	163.14	149.91	CFM56-5A5	2	23.50	6.00	10	40	86.8	94.2	94.8	3	
AIRBUS	A319-131	123.46	121.25	V2522-A5	2	22.00	4.90	10	40	79.2	92.5	94.0	3	
AIRBUS	A319-131	158.73	149.91	V2522-A5	2	22.00	4.90	10	40	85.3	91.4	94.5	3	
AIRBUS	A320-211	162.00	142.20	CFM56-5A1	2	25.00	6.00	10	35	87.8	94.3	96.4	3	
AIRBUS	A320-211	149.90	142.20	CFM56-5A1	2	25.00	6.00	10	35	85.3	94.4	96.4	3	
AIRBUS	A320-214	132.16	127.80	CFM56-5B4/P	2	27.00	5.90	10	35	78.8	95.2	95.5	3	
AIRBUS	A320-214	182.80	150.00	CFM56-5B4/P	2	27.00	5.90	10	35	88.0	93.7	95.8	3	
AIRBUS	A320-231	162.00	142.20	V2500.A1	2	25.00	6.00	10	40	86.6	92.8	96.6	3	
AIRBUS	A320-231	149.90	142.20	V2500.A1	2	25.00	6.00	10	40	84.0	93.0	96.6	3	
AIRBUS	A321-211	165.34	143.29	CFM56-5B3/P; Mod. No. 27772	2	32.00	5.60		25	82.9	97.9	95.6	3	
AIRBUS	A321-211	205.02	171.51	CFM56-5B3/P; Mod. No. 27772	2	32.00	5.60		25	89.8	97.5	96.6	3	
AIRBUS	A321-231	165.34	143.29	V2533A5	2	33.00	4.46		25	81.8	95.6	95.1	3	
AIRBUS	A321-231	205.02	171.51	V2533A5	2	33.00	4.46		25	88.2	95.2	95.8	3	
AIRBUS	A330-301	396.83	361.56	CF6-80E1A2	2	65.80	5.05	14	32	87.0	97.9	98.5	3	
AIRBUS	A330-301	507.06	418.88	CF6-80E1A2	2	65.80	5.05	14	32	94.2	97.2	98.7	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
AIRBUS	A330-321	396.83	330.69	PW4164	2	64.00	4.85	8	32	88.5	98.0	97.3	3	
AIRBUS	A330-321	507.06	418.88	PW4164	2	64.00	4.85	8	32	95.6	97.5	98.0	3	
AIRBUS	A330-322	396.83	330.69	PW4168	2	68.00	4.85	8	32	87.6	98.6	97.3	3	
AIRBUS	A330-322	507.06	418.88	PW4168	2	68.00	4.85	8	32	94.3	98.3	98.0	3	
AIRBUS	A340-212	485.01	363.76	CFM56-5C3	4	32.50	6.60	17	32	88.1	95.8	97.3	3	
AIRBUS	A340-212	595.25	440.92	CFM56-5C3	4	32.50	6.60	17	32	96.1	95.4	97.2	3	
AIRBUS	A340-312	485.02	363.76	CFM56-5C3	4	32.50	6.60	17	32	88.0	95.8	97.3	3	
AIRBUS	A340-312	595.24	440.92	CFM56-5C3	4	32.50	6.60	17	32	96.2	95.3	97.2	3	
AIRBUS UK	1-11 200	80.00	71.00	SPEY 506-14	2	10.40	1.00	3	45	93.3	99.1	97.8	2	12
AIRBUS UK	1-11 400	87.00	77.20	SPEY511-14/14W	2	11.40	0.70	0	45	94.8	103.4	99.7	2	12
AIRBUS UK	1-11 400	89.50	79.00	SPEY511-14/14W	2	11.40	0.70	0	45	95.7	103.3	99.9	2	12
AIRBUS UK	1-11 400 (QTV STC: ST02167AT)	81.90	78.00	SPEY511-14/14W	2	11.40	0.70		26	90.0	96.2	93.8	3	
BAE SYSTEMS (AVRO)	146-RJ 100	95.00	83.00	LF 507-1F	4	7.00	5.10	18	33	83.8	88.3	97.2	3	
BAE SYSTEMS (AVRO)	146-RJ 100	101.50	88.50	LF 507-1F	4	7.00	5.10	18	33	86.1	88.1	97.6	3	
BAE SYSTEMS (AVRO)	146-RJ 70	84.00	83.50	LF 507-1F	4	6.13	5.10	18	33	81.9	87.2	97.5	3	
BAE SYSTEMS (AVRO)	146-RJ 70	90.00	83.50	LF 507-1F	4	6.13	5.10	18	33	84.1	86.9	97.5	3	
BAE SYSTEMS (AVRO)	146-RJ 70	84.00	83.50	LF 507-1F	4	7.00	5.10	18	33	80.2	89.1	97.5	3	4
BAE SYSTEMS (AVRO)	146-RJ 70	95.00	83.50	LF 507-1F	4	7.00	5.10	18	33	83.6	88.6	97.5	3	4

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BAE SYSTEMS (AVRO)	146-RJ 85	89.50	77.50	LF 507-1F	4	7.00	5.10	18	33	81.9	88.7	96.9	3	
BAE SYSTEMS (AVRO)	146-RJ 85	97.00	85.00	LF 507-1F	4	7.00	5.10	18	33	84.3	88.4	97.3	3	
BAE SYSTEMS (BAe)	146-100A	76.00	72.35	ALF502R-3	4	6.70	5.90	18	33	80.7	87.2	95.1	3	
BAE SYSTEMS (BAe)	146-100A	76.00	72.35	ALF502R-3A	4	6.70	5.90	18	33	79.0	88.0	94.9	3	
BAE SYSTEMS (BAe)	146-100A	82.25	73.35	ALF502R-3A	4	6.70	5.90	18	33	82.3	87.6	95.2	3	
BAE SYSTEMS (BAe)	146-100A	82.25	73.35	ALF502R-5	4	6.97	5.70	18	33	82.3	87.6	95.2	3	
BAE SYSTEMS (BAe)	146-100A	84.00	77.50	ALF502R-5	4	6.97	5.70	18	33	81.8	87.7	95.6	3	
BAE SYSTEMS (BAe)	146-200A	89.50	77.50	ALF502R-3	4	6.97	5.90	18	33	85.9	86.6	95.6	3	
BAE SYSTEMS (BAe)	146-200A	89.50	77.50	ALF502R-3A	4	6.70	5.90	18	33	84.9	87.3	95.6	3	
BAE SYSTEMS (BAe)	146-200A	89.50	77.50	ALF502R-5	4	6.97	5.70	18	33	84.9	87.3	95.6	3	
BAE SYSTEMS (BAe)	146-200A	93.00	81.00	ALF502R-5	4	6.97	5.70	18	33	85.2	87.3	95.8	3	
BAE SYSTEMS (BAe)	146-300	95.00	83.00	LF 507-1H/-1F	4	7.00	5.10	18	33	84.0	87.9	97.2	3	
BAE SYSTEMS (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 SYSTEMS (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 SYSTEMS (BAe)	146-300A	97.50	84.50	ALF502R-5	4	6.97	5.70	18	33	86.5	86.7	95.6	3	
BEECH	BEECHJET 400	15.78	14.22	JT15D-5	2	2.90	2.10	10	30	88.6	93.7	91.4	3	*
BOEING	B-707-100B (BAC II STC: ST00956LA)	200.00	160.00	JT3D-1	4	17.00	1.40	20	30	95.5	99.5	101.1	3	12
BOEING	B-707-100B (QNC)	241.30	190.00	JT3D-1	4				30	103.4	102.8	102.8	2	6,**

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-707-100B (QNC)	258.00	190.00	JT3D-3B	4	18.00	1.40		30	103.8	102.7	102.8	2	6,**
BOEING	B-707-120B (SHANNON)	258.00	190.00	JT3D-1	4				30	103.5	97.6	105.3	2	21,**
BOEING	B-707-138B (SHANNON)	258.00	190.00	JT3D-1	4				30	103.2	97.6	105.3	2	21,**
BOEING	B-707-300B ADV/C (SHN)	322.30	247.00	JT3D-1-3B(IC)	4			14	25	105.5	99.3	105.7	2	6,21,**
BOEING	B-707-300B ADV/C (QNC)	335.00	247.50	JT3D-3B	4	18.00	1.40		25	104.4	98.9	107.9	2	6,**
BOEING	B-707-300B ADV/C (SHN)	330.00	201.00	JT3D-7	4	19.00	1.40		25	104.7	99.6	108.3	2	6,**
BOEING	B-707-300B ADV/C (SHN)	321.00	240.00	JT3D-3B	4	18.00	1.40		25	104.5	99.2	108.2	2	6,**
BOEING	B-707-300B/C (QSI STC: ST00702LA)	215.00	190.00	JT3D-3B	4	18.00	1.40	14	25	96.2	99.6	101.4	3	12
BOEING	B-707-300B/C (QSI STC: ST00702LA)	336.00	247.00	JT3D-3B	4	18.00	1.40	14	25	99.5	98.2	102.9	3	12
BOEING	B-707-300B/C (QSI STC: ST00702LA)	336.00	247.00	JT3D-7	4	19.00	1.40	14	25	98.5	99.3	102.7	3	12
BOEING	B-717-200	104.50	98.00	BR700-715A1-30	2	18.50	4.66	5	40	79.6	89.2	91.3	3	48
BOEING	B-717-200	104.50	98.00	BR700-715A1-30 (MP)	2	18.50	4.66	5	40	80.1	89.2	91.3	3	49
BOEING	B-717-200	104.50	98.00	BR700-715C1-30	2	21.00	4.66	5	40	78.1	91.7	91.3	3	48
BOEING	B-717-200	104.50	98.00	BR700-715C1-30 (MP)	2	21.00	4.66	5	40	78.7	91.7	91.3	3	49
BOEING	B-717-200	121.00	110.00	BR700-715A1-30	2	18.00	4.66	5	40	84.0	89.0	91.6	3	48
BOEING	B-717-200	121.00	110.00	BR700-715A1-30 (MP)	2	18.50	4.66	5	40	84.1	89.0	92.1	3	49
BOEING	B-717-200	121.00	110.00	BR700-715C1-30	2	21.00	4.66	5	40	82.1	91.5	91.6	3	48
BOEING	B-717-200	121.00	110.00	BR700-715C1-30 (MP)	2	21.00	4.66	5	40	82.2	91.5	92.1	3	49

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		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-720B (QNC)	234.00	175.00	JT3D-1	4				30	102.3	102.9	101.6	2	6,**
BOEING	B-720B (QNC)	234.00	175.00	JT3D-3B	4	18.00	1.40		30	99.3	103.2	101.6	2	6,**
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-1	4				30	98.9	98.0	104.7	2	6,**
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-3B	4	18.00	1.40		30	97.3	99.5	104.7	2	6,**
BOEING	B-727-100	152.50	135.00	JT8D-7FCD	3	14.00	1.40	5	40	94.4	100.3	104.1	2	3,16
BOEING	B-727-100	169.50	137.50	JT8D-1FCD	3	14.00	1.10	5	40	98.5	99.1	104.3	2	3
BOEING	B-727-100	160.50	137.50	JT8D-1FCD	3	14.00	1.10	5	40	96.6	99.2	104.3	2	3
BOEING	B-727-100	169.50	137.50	JT8D-7FCD	3	14.00	1.40	5	40	97.9	100.0	104.3	2	3,16
BOEING	B-727-100	169.50	137.50	JT8D-9FCD	3	14.50	1.03	5	40	98.3	100.0	105.8	2	3,17
BOEING	B-727-100	160.50	137.50	JT8D-9FCD	3	14.50	1.03	5	40	96.1	100.2	105.8	2	3,17
BOEING	B-727-100 (Dee Howard)	169.50	137.50	TAY 651-54	3	15.40		5	40	92.1	92.3	98.4	3	
BOEING	B-727-100 (Dee Howard)	169.50	142.50	TAY 651-54	3	15.40		5	30	92.1	92.3	95.3	3	
BOEING	B727-100 (DUGAN AIR STC)	160.50	142.50	JT8D-7	3	14.00	1.40	4	26	93.5	98.6	97.2	3	
BOEING	B727-100 (DUGAN AIR STC)	174.50	142.50	JT8D-7	3	14.00	1.40	4	26	95.9	99.0	97.2	3	
BOEING	B727-100 (FED EX; STC SA3993NM)	160.50	137.50	JT8D-7 w/BOEING INLET+CHIN CSD	3	14.00	1.40	5	30	92.5	96.6	97.8	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	163.50	137.50	JT8D-7 w/BOEING INLET+FAN CSD	3	14.00	1.40	5	30	93.2	97.4	97.8	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	137.50	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.50	1.03	5	30	93.9	97.5	98.1	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-7 w/BOEING INLET+FAN CSD	3	14.00	1.40	5	30	94.5	97.2	98.0	3	35

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+ FAN CSD	3	14.00	1.40	5	30	94.1	97.2	98.2	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+CHIN CSD	3	14.00	1.40	5	30	94.1	96.6	98.2	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	174.50	142.50	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.50	1.03	5	30	94.1	97.2	98.9	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-9 w/BOEING INLET+FAN CSD	3	14.50	1.03	5	30	93.9	98.0	98.4	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	160.50	142.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.50	1.03	5	30	91.7	97.6	98.8	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	174.50	142.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.50	1.03	5	30	94.9	97.1	98.8	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	175.50	154.50	JT8D-7 w/BOEING INLET+CHIN CSD	3	14.00	1.40	5	30	96.6	96.9	99.1	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	175.50	154.50	JT8D-7 w/BURBANK INLET+CHIN CSD	3	14.00	1.40	5	30	96.3	96.0	99.1	3	35
BOEING	B727-100 (RAISBECK STC ST00448SE)	172.60	142.50	JT8D-7	3	14.00	1.40	5	25	96.6	98.2	97.2	3	16,43
BOEING	B727-100 RE (ROHR STC SA4363NM)	160.50	142.50	JT8D-217C/JT8D-9	3			5	30	87.0	98.2	95.4	3	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-217C/JT8D-9	3			5	30	89.4	98.0	95.4	3	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	169.50	142.50	JT8D-219/JT8D-7B	3			5	30	88.1	98.8	95.4	3	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-219/JT8D-7B	3			5	30	89.0	98.8	95.4	3	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-219/JT8D-9	3			5	30	88.8	98.8	95.4	3	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	169.50	142.50	JT8D-219/JT8D-9	3			5	30	88.0	98.9	95.4	3	23
BOEING	B-727-200	190.50	142.50	JT8D-15QN	3	15.50	1.03	5	40	100.0	102.2	103.2	2	2,18
BOEING	B-727-200	184.20	142.50	JT8D-15QN	3	15.50	1.03	5	40	98.8	102.2	103.2	2	2,18
BOEING	B-727-200	190.50	142.50	JT8D-17QN	3	16.00	1.01	5	40	99.6	103.7	103.2	2	2,19

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-727-200	190.50	142.50	JT8D-17RQN	3	17.40	0.97	5	40	98.9	104.7	103.2	2	2,20
BOEING	B-727-200	208.00	142.50	JT8D-17RQN	3	17.40	0.97	5	40	102.4	104.2	103.2	2	2,20
BOEING	B-727-200	177.60	142.50	JT8D-7FCD	3	14.00	1.40	5	40	99.8	99.8	106.3	2	3,16
BOEING	B-727-200	172.50	142.50	JT8D-7FCD	3	14.00	1.40	15	40	100.0	100.4	106.3	2	3,16
BOEING	B-727-200	172.50	142.50	JT8D-7QN	3	14.00	1.40	15	40	100.0	100.4	104.9	2	2,16
BOEING	B-727-200	184.80	142.50	JT8D-9QN	3	14.50	1.03	15	40	101.5	100.2	103.2	2	2,17
BOEING	B-727-200	172.50	142.50	JT8D-9QN	3	14.50	1.03	15	40	99.0	100.4	103.2	2	2,17
BOEING	B-727-200	178.00	150.00	JT8D-9FCD	3	14.50	1.03	5	30	100.7	99.8	105.8	2	3,17
BOEING	B-727-200	203.10	158.00	JT8D-17QN	3	16.00	1.01	5	40	102.0	103.5	104.5	2	2,19
BOEING	B727-200 (DUGAN AIR STC)	209.41	164.00	JT8D-15	3	15.50	1.03	4	26	97.0	99.5	97.0	3	
BOEING	B727-200 (DUGAN AIR STC)	190.50	164.00	JT8D-15	3	15.50	1.03	4	26	94.9	99.2	97.0	3	
BOEING	B727-200 (DUGAN AIR STC)	190.50	164.00	JT8D-9	3	14.50	1.03	4	26	95.0	98.3	97.0	3	
BOEING	B727-200 (FED EX; STC SA4833NM)	172.50	148.00	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.50	1.03	5	30	94.6	97.2	100.1	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	172.50	150.00	JT8D-7 w/BOEING INLET+CHIN CSD	3	14.00	1.40	5	30	95.9	96.3	99.0	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	172.50	150.00	JT8D-7 w/BOEING INLET+FAN CSD	3	14.00	1.40	5	30	95.9	97.0	99.0	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	172.50	150.00	JT8D-7 w/BURBANK INLET+ FAN CSD	3	14.00	1.40	5	30	95.6	96.5	98.9	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	172.50	150.00	JT8D-7 w/BURBANK INLET+CHIN CSD	3	14.00	1.40	5	30	95.6	95.8	98.9	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	169.50	150.00	JT8D-9 w/BURBANK INLET+ FAN CSD	3	14.50	1.03	5	30	94.1	97.8	100.2	3	35

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-7 w/BOEING INLET+CHIN CSD	3	14.00	1.40	5	30	95.2	97.3	99.0	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-7 w/BOEING INLET+FAN CSD	3	14.00	1.40	5	30	95.2	97.9	99.0	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	178.42	154.50	JT8D-7 w/BURBANK INLET+CHIN CSD	3	14.00	1.40	5	30	97.0	96.0	99.1	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	171.44	154.50	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.50	1.03	5	30	94.9	97.6	99.9	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.50	1.03	5	30	94.7	97.7	99.7	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	165.60	154.50	JT8D-9 w/BOEING INLET+FAN CSD	3	14.50	1.03	5	30	93.7	98.4	99.9	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BOEING INLET+FAN CSD	3	14.50	1.03	5	30	94.7	98.2	99.7	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BURBANK INLET+ FAN CSD	3	14.50	1.03	5	30	94.1	98.0	100.3	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.50	1.03	5	30	94.1	97.5	100.3	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	178.00	161.00	JT8D-7 w/BURBANK INLET+ FAN CSD	3	14.00	1.40	5	30	96.9	96.6	99.4	3	35
BOEING	B727-200 (FED EX; STC SA5839NM)	155.00	150.00	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.50	1.03	5	30	89.2	97.9	97.4	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	155.00	150.00	JT8D-9 w/BOEING INLET+FAN CSD	3	14.50	1.03	5	30	89.2	98.4	97.4	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	155.00	150.00	JT8D-9 w/BURBANK INLET+ FAN CSD	3	14.50	1.03	5	30	88.5	98.1	98.0	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	155.00	150.00	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.50	1.03	5	30	88.5	97.6	98.0	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	160.00	154.50	JT8D-15 w/BOEING INLET+CHIN CSD	3	15.50	1.03	5	30	92.2	98.0	97.6	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	160.00	154.50	JT8D-15 w/BOEING INLET+FAN CSD	3	15.50	1.03	5	30	92.2	98.2	97.6	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	178.90	154.50	JT8D-15 w/BURBANK INLET+ FAN CSD	3	15.50	1.03	5	30	94.3	97.3	98.2	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	184.20	154.50	JT8D-17 w/BOEING INLET+CHIN OR FAN CSD	3	16.00	1.01	5	30	95.3	98.8	97.6	3	27

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B727-200 (FED EX; STC SA5839NM)	184.20	154.50	JT8D-17 w/BURBANK INLET+CHIN OR FAN CSD	3	16.00	1.01	5	30	94.8	98.6	98.2	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	197.00	154.50	JT8D-17R w/BOEING INLET+CHIN OR FAN CSD	3	17.40	0.97	5	30	96.0	99.4	97.6	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	190.50	154.50	JT8D-17R w/BOEING INLET+CHIN OR FAN CSD	3	17.40	0.97	5	30	96.4	99.2	97.6	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	184.50	154.50	JT8D-17R w/BURBANK INLET+CHIN OR FAN CSD	3	17.40	0.97	5	30	94.8	99.1	98.2	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	204.50	159.00	JT8D-17 w/BURBANK INLET+CHIN OR FAN CSD	3	16.00	1.01	5	30	97.7	98.6	98.4	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	191.20	160.00	JT8D-9 w/BURBANK INLET+ FAN CSD	3	14.50	1.03	5	30	97.4	96.3	98.5	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	191.20	160.00	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.50	1.03	5	30	97.4	95.7	98.5	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	197.50	161.00	JT8D-17R w/BURBANK INLET+CHIN OR FAN CSD	3	17.40	0.97	5	30	96.9	98.8	98.4	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+CHIN CSD	3	15.50	1.03	5	30	97.6	98.0	98.1	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+FAN CSD	3	15.50	1.03	5	30	97.6	98.2	98.1	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	201.00	166.00	JT8D-15 w/BURBANK INLET+ FAN CSD	3	15.50	1.03	5	30	97.7	97.6	98.6	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	203.10	166.00	JT8D-17 w/BOEING INLET+CHIN OR FAN CSD	3	16.00	1.01	5	30	96.8	99.1	98.0	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	196.00	166.00	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.50	1.03	5	30	97.5	96.1	98.0	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	196.00	166.00	JT8D-9 w/BOEING INLET+FAN CSD	3	14.50	1.03	5	30	97.5	96.6	98.0	3	27
BOEING	B727-200 (RAISBECK STC ST00399SE)	166.40	153.30	JT8D-9	3	14.50	1.03	5	25	96.5	97.9	97.6	3	17,34,43
BOEING	B727-200 (RAISBECK STC ST00555SE)	179.70	166.00	JT8D-9	3	14.50	1.03	5	30	97.0	97.6	97.2	3	34,44
BOEING	B727-200 (RAISBECK STC ST00685SE)	193.00	161.00	JT8D-15	3	15.50	1.03	5	30	97.4	96.5	99.9	3	45
BOEING	B-727-200 RE (ROHR STC SA4363NM)	190.50	152.50	JT8D-219/JT8D-9	3			5	30	90.9	99.2	98.8	3	23,60

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-727-200 RE (ROHR STC SA4363NM)	184.00	156.00	JT8D-217C/JT8D-15	3			5	30	89.8	99.2	98.9	3	23,61
BOEING	B-727-200 RE (ROHR STC SA4363NM)	184.00	156.00	JT8D-217C/JT8D-9	3			5	30	90.2	98.4	98.9	3	23,60
BOEING	B-727-200 RE (ROHR STC SA4363NM)	190.50	159.00	JT8D-217C/JT8D-17	3			5	30	91.2	99.3	99.0	3	23,62
BOEING	B-727-200 RE (ROHR STC SA4363NM)	197.00	159.00	JT8D-219/JT8D-15	3			5	30	92.8	99.5	99.0	3	7,23,64
BOEING	B-727-200 RE (ROHR STC SA4363NM)	209.50	162.00	JT8D-217C/JT8D-17	3			5	30	95.2	99.2	99.0	3	23,62
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.50	162.00	JT8D-217C/JT8D-9	3			5	30	93.7	98.2	99.0	3	23,60
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-15	3			5	30	92.7	99.4	99.0	3	7,23,64
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-17	3			5	30	92.8	99.5	98.9	3	23
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-9	3			5	30	93.0	99.1	99.0	3	23,60
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-9	3			5	30	92.7	99.5	99.0	3	7,23,63
BOEING	B-727-200 RE (ROHR STC SA4363NM)	209.42	164.00	JT8D-217C/JT8D-15	3			5	30	95.3	98.8	99.1	3	23,61
BOEING	B-727-200 RE (ROHR STC SA4363NM)	203.10	164.00	JT8D-217C/JT8D-17A	3			5	30	93.4	99.6	99.3	3	23
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	88.00	JT8D-17	2	16.00	1.01	1	40	91.4	97.5	96.7	3	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	117.00	90.00	JT8D-15	2	15.50	1.03	1	40	89.7	96.7	98.1	3	35,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	93.00	JT8D-15	2	15.50	1.03	1	40	92.1	96.5	97.1	3	27,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.80	95.00	JT8D-15	2	15.50	1.03	1	40	83.7	96.8	97.2	3	27,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.80	95.00	JT8D-9	2	14.50	1.03	1	40	85.2	95.5	97.2	3	27,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.50	98.00	JT8D-15	2	15.50	1.03	1	40	84.9	96.9	98.6	3	35,42

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.50	98.00	JT8D-9	2	14.50	1.03	1	40	86.3	95.7	98.6	3	35,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	107.00	JT8D-15	2	15.50	1.03	1	30	92.1	96.5	94.8	3	27,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.50	107.00	JT8D-15	2	15.50	1.03	1	30	91.3	96.9	96.3	3	35,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	2	16.00	1.01	1	30	91.4	97.5	94.8	3	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	115.00	107.00	JT8D-17	2	16.00	1.01	1	40	87.6	97.5	98.0	3	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	118.50	107.00	JT8D-9	2	14.50	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	14.50	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	15.50	1.03	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	15.50	1.03	1	30	85.7	97.1	95.7	3	37
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW HUSHKIT	2	15.50	1.03	1	30	91.1	97.0	95.8	3	37
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW-L HUSHKIT	2	15.50	1.03	1	30	90.2	96.8	95.8	3	37
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	110.20	98.00	JT8D-9	2	14.50	1.03	1	40	87.3	94.7	98.2	3	27,41
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	105.60	103.00	JT8D-15	2	15.50	1.03	1	40	84.6	96.3	98.4	3	27,42
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	115.50	103.00	JT8D-17	2	16.00	1.01	1	40	86.8	97.0	98.4	3	27
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	126.70	107.00	JT8D-15	2	15.50	1.03	1	40	91.0	96.0	98.6	3	27,42
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	126.50	107.00	JT8D-17	2	16.00	1.01	1	40	90.0	96.9	98.6	3	27
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	124.50	107.00	JT8D-9	2	14.50	1.03	1	40	91.9	94.4	98.6	3	27,41
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	100.50	95.00	JT8D-9 w/LGW HUSHKIT	2	14.50	1.03	1	30	86.1	96.7	96.2	3	36

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	103.50	98.00	JT8D-15 w/LGW HUSHKIT	2	15.50	1.03	1	30	86.4	97.1	96.0	3	37
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	103.50	98.00	JT8D-15 w/LGW-L HUSHKIT	2	15.50	1.03	1	30	85.7	97.1	95.8	3	37
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	115.50	98.00	JT8D-17/-17A w/LGW HUSHKIT	2	16.00	1.01	1	30	89.7	97.5	96.0	3	
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	109.00	98.00	JT8D-7 w/LGW-N HUSHKIT	2	14.00	1.40	1	30	89.2	96.3	96.2	3	40
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	100.50	98.00	JT8D-9 w/LGW-N HUSHKIT	2	14.50	1.03	1	30	86.1	96.9	96.2	3	36
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	100.50	99.00	JT8D-9 w/LGW-L HUSHKIT	2	14.50	1.03	1	30	86.9	96.5	95.8	3	36
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	121.60	107.00	JT8D-15 w/LGW HUSHKIT	2	15.50	1.03	1	30	91.7	96.7	95.9	3	37
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	125.90	107.00	JT8D-15 w/LGW-L HUSHKIT	2	15.50	1.03	1	30	91.8	97.0	95.9	3	37
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	120.50	107.00	JT8D-17/-17A w/LGW HUSHKIT	2	16.00	1.01	1	30	90.8	97.6	95.9	3	
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	117.00	107.00	JT8D-7 w/LGW-N HUSHKIT	2	14.00	1.40	1	30	91.6	95.9	96.2	3	40
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	118.70	107.00	JT8D-9 w/LGW HUSHKIT	2	14.50	1.03	1	30	91.6	96.1	95.9	3	36
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	122.90	107.00	JT8D-9 w/LGW-L HUSHKIT	2	14.50	1.03	1	30	91.8	96.0	95.9	3	36
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	118.50	107.00	JT8D-9 w/LGW-N HUSHKIT	2	14.50	1.03	1	30	91.6	96.5	96.2	3	36
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	88.00	JT8D-15	2	15.50	1.03	1	40	90.3	96.8	97.7	3	35,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	100.80	95.00	JT8D-15	2	15.50	1.03	1	40	83.7	96.9	96.9	3	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	95.00	JT8D-9	2	14.50	1.03	1	40	91.7	95.0	98.1	3	35,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	100.80	95.00	JT8D-9	2	14.50	1.03	1	40	85.3	95.7	96.9	3	27,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	100.50	98.00	JT8D-15	2	15.50	1.03	1	40	85.0	97.0	98.3	3	35,42

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	98.00	JT8D-15	2	15.50	1.03	1	40	92.1	96.5	97.1	3	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	100.50	98.00	JT8D-9	2	14.50	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	15.50	1.03	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	15.50	1.03	1	30	92.1	96.5	94.8	3	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	2	16.00	1.01	1	30	91.2	97.7	94.8	3	27
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	125.00	107.00	JT8D-17	2	16.00	1.01	1	40	90.2	97.5	97.7	3	27
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	115.00	107.00	JT8D-17	2	16.00	1.01	1	40	87.5	97.5	97.7	3	27
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	107.00	JT8D-9	2	14.50	1.03	1	30	91.7	95.0	96.3	3	35,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	2	14.50	1.03	1	40	91.5	95.0	97.7	3	27,41
BOEING	B-737-200 ADV.	128.10	79.10	JT8D-17QN	2	16.00	1.01	1	40	97.0	104.1	102.8	2	2,19
BOEING	B-737-200 ADV.	128.10	88.00	JT8D-15QN	2	15.50	1.03	1	40	97.7	102.4	103.8	2	2,18
BOEING	B-737-200 ADV.	115.50	95.30	JT8D-17QN	2	16.00	1.01	1	40	93.6	104.4	104.5	2	2,19
BOEING	B-737-200 ADV.	115.50	101.00	JT8D-15QN	2	15.50	1.03	1	40	94.4	103.1	105.0	2	2,18
BOEING	B-737-200 ADV.	115.50	103.00	JT8D-9QN	2	14.50	1.03	1	40	95.3	100.6	105.1	2	2,17
BOEING	B-737-200 ADV.	122.50	105.00	JT8D-9QN	2	14.50	1.03	1	40	96.9	99.9	105.3	2	2,17
BOEING	B-737-200 NON-ADV.	100.50	95.00	JT8D-7QN	2	14.00	1.40	1	40	92.1	101.7	102.1	2	2,16
BOEING	B-737-200 NON-ADV.	109.00	95.00	JT8D-9QN	2	14.50	1.03	1	40	93.2	100.7	104.8	2	2,17
BOEING	B-737-200 NON-ADV.	109.00	98.00	JT8D-7QN	2	14.00	1.40	1	40	94.7	101.3	102.1	2	2,16

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-737-200 NON-ADV.	117.00	101.70	JT8D-9QN	2	14.50	1.03	1	40	95.5	100.3	105.3	2	2,17
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	20.00	5.00	1	40	82.4	89.7	98.5	3	
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	20.00	5.00	1	40	82.4	89.7	97.4	3	38
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	22.00	5.00	1	40	81.6	91.2	97.4	3	38
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	22.00	5.00	1	40	81.6	91.2	98.5	3	
BOEING	B-737-300	124.50	110.00	CFM56-3-B1	2	20.00	5.00	1	40	84.4	90.4	99.6	3	
BOEING	B-737-300	124.50	110.00	CFM56-3B-2	2	22.00	4.90	1	40	82.8	92.2	99.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	22.00	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	20.00	5.00	1	40	85.2	89.2	98.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	20.00	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	22.00	5.00	1	40	83.9	90.9	98.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3-B1	2	20.00	5.00	1	40	87.5	89.9	100.1	3	
BOEING	B-737-300	139.50	121.00	CFM56-3B-2	2	22.00	4.90	1	40	85.7	91.9	100.1	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	83.8	89.8	97.7	3	38
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	83.8	89.8	98.6	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	22.00	5.00	5	40	82.8	91.2	98.6	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	22.00	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	23.50	5.00	5	40	82.4	92.1	98.6	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	23.50	5.00	5	40	82.4	92.1	97.7	3	38
BOEING	B-737-400	138.50	121.00	CFM56-3-B1	2	20.00	5.00	5	40	87.2	90.0	100.2	3	
BOEING	B-737-400	142.50	121.00	CFM56-3-B1	2	20.00	5.00	5	40	88.9	89.6	100.2	3	
BOEING	B-737-400	138.50	121.00	CFM56-3B-2	2	22.00	4.90	5	40	85.7	92.1	100.2	3	
BOEING	B-737-400	138.50	121.00	CFM56-3C-1	2	23.50	5.00	5	40	85.0	93.2	100.2	3	
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	86.9	88.9	97.7	3	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	22.00	5.00	5	40	86.3	90.7	97.7	3	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	23.50	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	22.00	5.00	5	40	86.3	90.7	98.6	3	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	23.50	5.00	5	40	85.9	91.8	98.6	3	
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	86.9	88.9	98.6	3	
BOEING	B-737-400	150.00	124.00	CFM56-3B-2	2	22.00	4.90	5	40	87.7	91.7	100.2	3	
BOEING	B-737-400	150.00	124.00	CFM56-3C-1	2	23.50	4.90	5	40	87.1	93.1	100.2	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	18.50	5.00	5	40	81.0	89.3	98.4	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	80.4	90.2	98.4	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	80.4	90.2	97.2	3	38
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	18.50	5.00	5	40	81.0	89.3	97.2	3	38
BOEING	B-737-500	115.50	105.00	CFM56-3-B1	2	20.00	5.00	5	40	82.7	90.8	99.4	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-737-500	115.50	105.00	CFM56-3-B1(R)	2	18.50	5.00	5	40	83.6	89.9	99.4	3	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	85.4	88.2	98.7	3	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	2	18.50	5.00	5	40	85.4	88.2	97.6	3	38
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	85.4	89.2	98.7	3	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	85.4	89.2	97.6	3	38
BOEING	B-737-500	139.00	114.00	CFM56-3-B1	2	20.00	5.00	5	40	87.3	90.0	100.0	3	
BOEING	B-737-500	132.80	114.00	CFM56-3-B1(R)	2	18.50	5.00	5	40	87.7	88.9	100.0	3	
BOEING	B-737-600	124.00	120.50	CFM56-7B/2 DAC (B18 derate)	2	19.50	5.60	1	40	82.0	89.7	95.8	3	50
BOEING	B-737-600	143.50	120.50	CFM56-7B/2 DAC (B18 derate)	2	19.50	5.60	1	40	85.2	88.7	95.8	3	50
BOEING	B-737-600	124.00	120.50	CFM56-7B18	2	19.50	5.60	1	40	82.6	90.3	95.5	3	
BOEING	B-737-600	143.50	120.50	CFM56-7B18	2	19.50	5.60	1	40	85.7	89.3	95.5	3	
BOEING	B-737-600	124.00	120.50	CFM56-7B20	2	20.60	5.60	1	40	81.9	91.3	95.5	3	
BOEING	B-737-600	143.50	120.50	CFM56-7B20	2	20.60	5.60	1	40	85.4	90.7	95.5	3	
BOEING	B-737-600	143.50	120.50	CFM56-7B20/2 DAC	2	20.60	5.60	1	40	84.9	90.0	95.8	3	50
BOEING	B-737-600	124.00	120.50	CFM56-7B20/2 DAC	2	20.60	5.60	1	40	81.3	90.7	95.8	3	50
BOEING	B-737-600	143.50	120.50	CFM56-7B22	2	22.70	5.40	1	40	84.4	92.3	95.5	3	
BOEING	B-737-600	124.00	120.50	CFM56-7B22	2	22.70	5.40	1	40	80.9	92.9	95.5	3	
BOEING	B-737-600	124.00	120.50	CFM56-7B22/2 DAC	2	22.70	5.40	1	40	80.2	92.2	95.8	3	50

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-737-600	143.50	120.50	CFM56-7B22/2 DAC	2	22.70	5.40	1	40	83.7	91.6	95.8	3	50
BOEING	B-737-700	133.00	128.00	CFM56-7B20	2	20.60	5.60	1	40	83.8	90.9	95.8	3	
BOEING	B-737-700	133.00	128.00	CFM56-7B20/2 DAC	2	20.60	5.60	1	40	83.0	90.3	96.1	3	50
BOEING	B-737-700	133.00	128.00	CFM56-7B22	2	22.70	5.40	1	40	82.6	92.5	95.8	3	
BOEING	B-737-700	133.00	128.00	CFM56-7B22/2 DAC	2	22.70	5.40	1	40	81.8	91.8	96.1	3	50
BOEING	B-737-700	133.00	128.00	CFM56-7B24	2	24.20	5.30	1	40	82.1	93.6	95.8	3	
BOEING	B-737-700	133.00	128.00	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	81.1	93.0	96.1	3	50
BOEING	B-737-700	133.00	128.00	CFM56-7B26	2	26.30	5.10	1	40	81.4	95.4	95.8	3	
BOEING	B-737-700	133.00	128.00	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	80.3	94.7	96.1	3	50
BOEING	B-737-700	154.50	129.20	CFM56-7B20	2	20.60	5.60	1	40	87.1	89.8	95.9	3	
BOEING	B-737-700	154.50	129.20	CFM56-7B20/2 DAC	2	20.60	5.60	1	40	86.4	89.2	96.2	3	50
BOEING	B-737-700	154.50	129.20	CFM56-7B22	2	22.70	5.40	1	40	86.3	91.9	95.9	3	
BOEING	B-737-700	154.50	129.20	CFM56-7B22/2 DAC	2	22.70	5.40	1	40	85.6	91.2	96.2	3	50
BOEING	B-737-700	154.50	129.20	CFM56-7B24	2	24.20	5.30	1	40	85.9	93.0	95.9	3	
BOEING	B-737-700	154.50	129.20	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	84.7	92.3	96.2	3	50
BOEING	B-737-700	154.50	129.20	CFM56-7B26	2	26.30	5.10	1	40	84.6	94.7	95.9	3	
BOEING	B-737-700	154.50	129.20	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	83.8	94.0	96.2	3	50
BOEING	B-737-700 IGW/-700C	159.00	134.00	CFM56-7B24	2	24.20	5.30	1	40	86.6	92.9	96.1	3	51

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-737-700 IGW/-700C	171.00	134.00	CFM56-7B24	2	24.20	5.30	1	40	88.6	92.5	96.1	3	51
BOEING	B-737-700 IGW/-700C/BBJ	159.00	134.00	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	85.2	94.6	96.1	3	51
BOEING	B-737-700 IGW/-700C/BBJ	171.00	134.00	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	87.1	94.3	96.1	3	51
BOEING	B-737-700 IGW/BBJ	159.00	134.00	CFM56-7B27/B3	2	27.30	5.10	1	40	84.8	95.5	96.1	3	51
BOEING	B-737-700 IGW/BBJ	171.00	134.00	CFM56-7B27/B3	2	27.30	5.10	1	40	86.6	95.2	96.1	3	51
BOEING	B-737-800	155.50	144.00	CFM56-7B24	2	24.20	5.30	1	40	85.5	92.5	96.4	3	
BOEING	B-737-800	155.50	144.00	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	84.7	91.8	96.7	3	50
BOEING	B-737-800	155.50	144.00	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	83.7	93.5	96.7	3	50
BOEING	B-737-800	155.50	144.00	CFM56-7B27/2 DAC	2	27.30	5.10	1	40	83.2	94.4	96.7	3	50
BOEING	B-737-800	155.50	144.00	CFM56-7B27/2B1 DAC	2	27.30	5.10	1	40	83.1	94.7	96.7	3	50
BOEING	B-737-800	174.20	146.30	CFM56-7B24	2	24.20	5.30	1	40	88.6	92.1	96.5	3	
BOEING	B-737-800	174.20	146.30	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	87.8	91.4	96.8	3	50
BOEING	B-737-800	174.20	146.30	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	86.7	93.1	96.8	3	50
BOEING	B-737-800	174.20	146.30	CFM56-7B27/2 DAC	2	27.30	5.10	1	40	86.1	93.9	96.8	3	50
BOEING	B-737-800	174.20	146.30	CFM56-7B27/2B1 DAC	2	27.30	5.10	1	40	85.9	94.3	96.8	3	50
BOEING	B-737-800/BBJ 2	155.50	144.00	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	84.4	94.2	96.4	3	
BOEING	B-737-800/BBJ 2	155.50	144.00	CFM56-7B27/B1; -7B27/B2	2	27.30	5.10	1	40	84.0	95.5	96.4	3	
BOEING	B-737-800/BBJ 2	155.50	144.00	CFM56-7B27; -7B27/B3	2	27.30	5.10	1	40	84.1	95.2	96.4	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	87.4	93.8	96.5	3	
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B27/B1; -7B27/B2	2	27.30	5.10	1	40	86.8	95.0	96.5	3	
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B27; -7B27/B3	2	27.30	5.10	1	40	87.0	94.7	96.5	3	
BOEING	B-737-800W	155.50	144.00	CFM56-7B24	2	24.20	5.30	1	40	84.5	92.5	96.3	3	52
BOEING	B-737-800W	155.50	144.00	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	83.8	91.8	96.5	3	50,52
BOEING	B-737-800W	155.50	144.00	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	82.7	93.5	96.5	3	50,52
BOEING	B-737-800W	155.50	144.00	CFM56-7B27/2 DAC	2	27.30	5.10	1	40	82.3	94.4	96.5	3	50,52
BOEING	B-737-800W	155.50	144.00	CFM56-7B27/2B1 DAC	2	27.30	5.10	1	40	82.2	94.7	96.5	3	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B24	2	24.20	5.30	1	40	87.5	92.1	96.3	3	52
BOEING	B-737-800W	174.20	146.30	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	86.9	91.4	96.6	3	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	85.6	93.1	96.6	3	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B27/2 DAC	2	27.30	5.10	1	40	85.1	93.9	96.6	3	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B27/2B1 DAC	2	27.30	5.10	1	40	85.0	94.3	96.6	3	50,52
BOEING	B-737-800W/BBJ 2	155.50	144.00	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	83.5	94.2	96.3	3	52
BOEING	B-737-800W/BBJ 2	155.50	144.00	CFM56-7B27/B1; -7B27/B2	2	27.30	5.10	1	40	83.0	95.5	96.3	3	52
BOEING	B-737-800W/BBJ 2	155.50	144.00	CFM56-7B27; -7B27/B3	2	27.30	5.10	1	40	83.2	95.1	96.3	3	52
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	86.4	93.8	96.3	3	52
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B27/B1; -7B27/B2	2	27.30	5.10	1	40	85.8	95.0	96.3	3	52

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B27; -7B27/B3	2	27.30	5.10	1	40	86.0	94.7	96.3	3	52
BOEING	B-737-900	164.00	146.30	CFM56-7B24	2	24.20	5.30	1	40	86.6	92.0	96.4	3	
BOEING	B-737-900	164.00	146.30	CFM56-7B26	2	26.30	5.10	1	40	85.5	93.7	96.4	3	
BOEING	B-737-900	164.00	146.30	CFM56-7B27	2	27.30	5.10	1	40	85.1	94.5	96.4	3	
BOEING	B-737-900	164.00	146.30	CFM56-7B27/B1	2	27.30	5.10	1	40	85.0	95.0	96.4	3	
BOEING	B-737-900	174.20	147.30	CFM56-7B24	2	24.20	5.30	1	40	88.4	91.8	96.4	3	
BOEING	B-737-900	174.20	147.30	CFM56-7B26	2	26.30	5.10	1	40	87.2	93.5	96.4	3	
BOEING	B-737-900	174.20	147.30	CFM56-7B27	2	27.30	5.10	1	40	86.7	94.2	96.4	3	
BOEING	B-737-900	174.20	147.30	CFM56-7B27/B1	2	27.30	5.10	1	40	86.6	94.7	96.4	3	
BOEING	B-747-100	710.00	400.00	JT9D-3A	4	43.60	5.10	10	30	105.4	102.1	104.6	3	29
BOEING	B-747-100	750.00	400.00	JT9D-7F	4	48.00	5.10	10	30	104.5	103.5	104.5	3	29
BOEING	B-747-100	734.00	425.00	JT9D-7	4	46.30	5.10	10	30	105.1	102.7	104.6	3	29
BOEING	B-747-100	734.00	460.00	JT9D-7A	4	47.00	5.10	10	30	104.3	102.6	105.3	3	29
BOEING	B-747-100	750.00	520.00	JT9D-7F	4	48.00	5.10	10	25	104.5	103.5	104.5	3	29
BOEING	B-747-100	710.00	540.00	JT9D-3A	4	43.60	5.10	10	25	105.4	102.1	104.6	3	29
BOEING	B-747-100	734.00	540.00	JT9D-7	4	46.30	5.10	10	25	105.1	102.7	104.1	3	29
BOEING	B-747-100	710.00	564.00	JT9D-3A	4	43.60	5.10	10	30	108.4	99.7	107.2	2	* **
BOEING	B-747-100	734.00	564.00	JT9D-3A	4	43.60	5.10	10	30	109.4	99.6	107.2	2	* **

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-747-100	710.00	564.00	JT9D-7	4	46.30	5.10	10	30	108.0	100.2	107.4	2	* **
BOEING	B-747-100	750.00	585.00	JT9D-7A	4	47.00	5.10	10	30	107.8	98.8	106.9	2	* **
BOEING	B-747-100	750.00	585.00	JT9D-7F	4	48.00	5.10	10	30	107.7	99.0	107.4	2	* **
BOEING	B-747-100	750.00	585.00	JT9D-7FW	4	50.00	5.10	10	30	107.6	99.4	107.4	2	* **
BOEING	B-747-100	750.00	585.00	JT9D-7WET	4	47.90	5.10	10	30	107.4	99.3	106.9	2	* **
BOEING	B-747-100	750.00	585.00	RB211-524C2	4	51.60	4.50	10	30	104.5	96.9	106.5	2	* **
BOEING	B-747-100	734.00	630.00	JT9D-7A	4	47.00	5.10	10	25	104.3	102.6	105.5	3	29
BOEING	B-747-200	770.00	475.00	JT9D-7J	4	50.00	5.10	10	30	103.6	103.0	105.9	3	30
BOEING	B-747-200	710.00	520.00	JT9D-3A	4	43.60	5.10	10	30	104.4	100.8	106.9	3	30
BOEING	B-747-200	750.00	520.00	JT9D-7F	4	48.00	5.10	10	30	103.5	102.0	106.9	3	30
BOEING	B-747-200	734.00	540.00	JT9D-7	4	46.30	5.10	10	30	104.2	101.3	106.7	3	30
BOEING	B-747-200	767.00	564.00	JT9D-3A	4	43.60	5.10	10	30	110.0	98.2	106.5	2	* **
BOEING	B-747-200	770.00	564.00	JT9D-7	4	46.30	5.10	10	30	108.9	98.8	106.7	2	* **
BOEING	B-747-200	734.00	564.00	JT9D-7A	4	47.00	5.10	10	30	103.5	101.2	106.9	3	30
BOEING	B-747-200	775.00	564.00	JT9D-7F	4	48.00	5.10	10	30	108.6	98.9	107.2	2	* **
BOEING	B-747-200	785.00	564.00	JT9D-7R4G2	4	54.75	4.80	10	30	100.1	98.6	105.4	2	**
BOEING	B-747-200	775.00	585.00	CF6-50E	4	52.50	4.10	10	30	100.7	101.1	105.9	3	
BOEING	B-747-200	773.00	585.00	JT9D-3AWET	4	45.80	5.10	10	30	109.1	98.7	106.7	2	* **

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-747-200	833.00	585.00	RB211-524C2	4	51.60	4.50	10	30	106.5	99.7	107.0	3	*
BOEING	B-747-200	833.00	600.00	JT9D-7Q	4	53.00	4.90	10	30	103.2	103.5	106.6	3	
BOEING	B-747-200	820.00	630.00	CF6-50E	4	52.50	4.10	10	30	102.5	100.9	107.0	3	
BOEING	B-747-200	833.00	630.00	CF6-50E2	4	52.50	4.10	10	30	102.6	101.7	106.5	3	
BOEING	B-747-200	820.00	630.00	CF6-50E2	4	52.50	4.10	10	30	102.1	101.7	106.5	3	
BOEING	B-747-200	710.00	630.00	JT9D-3A	4	43.60	5.10	10	25	104.4	100.8	105.7	3	30
BOEING	B-747-200	734.00	630.00	JT9D-7	4	46.30	5.10	10	25	104.2	101.3	105.2	3	30
BOEING	B-747-200	820.00	630.00	JT9D-70A	4	53.00	4.90	10	30	101.1	98.5	106.0	3	
BOEING	B-747-200	734.00	630.00	JT9D-7A	4	47.00	5.10	10	25	103.5	101.2	105.0	3	30
BOEING	B-747-200	785.00	630.00	JT9D-7A	4	47.00	5.10	10	30	109.3	98.7	107.3	2	* **
BOEING	B-747-200	800.00	630.00	JT9D-7F	4	48.00	5.10	10	30	109.7	98.8	107.8	2	* **
BOEING	B-747-200	750.00	630.00	JT9D-7F	4	48.00	5.10	10	25	103.5	102.0	106.0	3	30
BOEING	B-747-200	805.00	630.00	JT9D-7FW	4	50.00	5.10	10	30	109.4	99.2	107.8	2	* **
BOEING	B-747-200	812.00	630.00	JT9D-7FW/-7J	4	50.00	5.10	10	30	109.7	99.2	107.4	2	* **
BOEING	B-747-200	770.00	630.00	JT9D-7J	4	50.00	5.10	10	25	103.6	103.0	106.0	3	30
BOEING	B-747-200	800.00	630.00	JT9D-7J	4	50.00	5.10	10	30	109.3	99.2	107.8	2	* **
BOEING	B-747-200	833.00	630.00	JT9D-7Q	4	53.00	4.90	10	25	103.2	103.5	104.4	3	
BOEING	B-747-200	833.00	630.00	JT9D-7R4G2	4	54.75	4.80	10	30	102.4	97.9	106.6	2	**

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-747-200	785.00	630.00	JT9D-7WET	4	47.90	5.10	10	30	108.7	99.1	107.3	2	* **
BOEING	B-747-200	820.00	630.00	RB211-524B/B2	4	50.10	4.30	10	30	105.5	95.6	107.3	2	**
BOEING	B-747-200	800.00	630.00	RB211-524B/B2	4	50.10	4.30	10	30	105.5	96.0	107.3	2	* **
BOEING	B-747-200	833.00	630.00	RB211-524D4	4	53.10	4.20	10	30	103.9	99.7	104.9	3	
BOEING	B-747-300	600.00	564.00	CF6-80C2B1	4	56.70	5.00	10	30	89.8	99.1	102.5	3	
BOEING	B-747-300	775.00	564.00	RB211-524D4	4	53.10	4.20	10	30	101.5	97.1	104.3	2	**
BOEING	B-747-300	800.00	585.00	JT9D-70A	4	53.00	4.90	10	30	99.2	95.8	105.4	2	**
BOEING	B-747-300	775.00	585.00	RB211-524B2	4	50.10	4.30	10	30	103.3	96.1	106.5	2	**
BOEING	B-747-300	800.00	630.00	CF6-50E2	4	52.50	4.10	10	30	101.6	101.8	106.5	3	
BOEING	B-747-300	820.00	630.00	JT9D-70A	4	53.00	4.90	10	30	100.2	95.5	105.3	2	**
BOEING	B-747-300	833.00	630.00	JT9D-7R4G2	4	54.75	4.80	10	30	102.4	101.3	106.6	3	
BOEING	B-747-300	785.00	630.00	JT9D-7R4G2	4	54.75	4.80	10	30	100.1	101.5	106.6	3	
BOEING	B-747-300	820.00	630.00	RB211-524B2	4	50.10	4.30	10	30	105.5	95.6	107.3	2	**
BOEING	B-747-300	833.00	630.00	RB211-524D4	4	53.10	4.20	10	30	103.9	96.5	104.9	2	**
BOEING	B-747-300	833.00	666.00	CF6-80C2B1	4	56.70	5.00	10	30	99.0	98.2	105.2	3	
BOEING	B-747-400	600.00	564.00	CF6-80C2B1F	4	57.90	5.00	10	30	89.6	99.1	101.7	3	
BOEING	B-747-400	830.00	564.00	CF6-80C2B5F	4	60.80	5.00	10	30	96.0	100.4	101.7	3	
BOEING	B-747-400	600.00	564.00	PW4056	4	56.75	4.80	10	30	89.5	100.7	103.1	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-747-400	600.00	564.00	RB211-524G	4	58.00	4.30	10	30	89.1	98.9	102.4	3	
BOEING	B-747-400	600.00	564.00	RB211-524H	4	60.60	4.10	10	30	88.7	99.7	102.4	3	
BOEING	B-747-400	870.00	652.00	CF6-80C2B1F	4	60.20	5.20		25	99.7	98.3	101.4	3	
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F	4	57.90	5.00	10	30	99.8	98.2	103.8	3	
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F W/N1 MOD	4	57.30	5.00	10	30	99.9	97.9	103.8	3	
BOEING	B-747-400	875.00	652.00	CF6-80C2B5F	4	60.80	5.00	10	30	97.5	100.3	103.8	3	
BOEING	B-747-400	870.00	652.00	PW 4056	4	56.75	4.80	10	30	101.5	99.7	104.7	3	
BOEING	B-747-400	875.00	652.00	PW4056	4	56.75	4.80	10	30	101.6	99.7	104.7	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2B)	4	56.80	4.80	10	30	99.7	98.6	103.6	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C)	4	56.80	4.80	10	30	98.6	98.4	103.0	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C) NR	4	56.80	4.80	10	30	97.4	98.1	102.1	3	
BOEING	B-747-400	875.00	652.00	PW4056 PKG B/PHASE I	4	56.80	4.80	10	30	99.3	98.5	103.4	3	
BOEING	B-747-400	875.00	652.00	RB211-524G	4	58.00	4.30	10	30	99.2	98.0	103.8	3	
BOEING	B-747-400	870.00	652.00	RB211-524H	4	60.60	4.10	10	30	97.8	98.8	103.8	3	
BOEING	B-747-400	875.00	652.00	RB211-524H2	4	58.00	4.10	10	30	98.0	98.8	103.8	3	
BOEING	B-747-SP	702.00	410.00	RB211-524D4	4	53.10	4.20	10	30	99.2	99.8	107.0	3	
BOEING	B-747-SP	660.00	450.00	JT9D-7A	4	47.00	5.10	10	30	99.6	101.3	102.5	3	
BOEING	B-747-SP	702.00	450.00	JT9D-7J	4	50.00	5.10	10	30	100.1	103.3	103.2	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-747-SP	696.00	450.00	RB211-524B2	4	50.10	4.30	10	30	99.5	99.8	103.2	3	
BOEING	B-747-SP	701.00	465.00	JT9D-7A	4	47.00	5.10	10	30	102.0	101.1	102.9	3	
BOEING	B-747-SP	660.00	475.00	JT9D-7F	4	48.00	5.10	10	30	98.7	102.3	103.8	3	
BOEING	B-747-SP	702.00	475.00	JT9D-7J	4	50.00	5.10	10	30	100.1	103.3	103.8	3	
BOEING	B-747-SP	696.00	475.00	JT9D-7J	4	50.00	5.10	10	30	99.8	103.5	103.8	3	
BOEING	B-747-SR	571.00	564.00	CF6-45A2	4	46.50	4.10	10	30	98.4	93.2	105.4	3	
BOEING	B-747-SR	570.00	564.00	JT9D-7A	4	47.00	5.10	10	30	100.2	101.8	106.9	2	*
BOEING	B-747-SR	610.00	564.00	JT9D-7A	4	47.00	5.10	10	30	101.8	101.6	106.9	3	*
BOEING	B-757-200	187.00	198.00	PW 2037	2	37.00		5	30	81.5	94.3	97.7	3	
BOEING	B-757-200	220.00	198.00	PW 2037	2	38.20	5.80	5	30	86.2	94.0	97.7	3	
BOEING	B-757-200	187.00	198.00	PW 2037QFC	2	37.00		5	30	80.1	93.7	97.0	3	59
BOEING	B-757-200	220.00	198.00	PW 2040	2	41.70	5.70	5	30	84.6	94.5	97.7	3	
BOEING	B-757-200	190.00	198.00	PW 2040QFC	2	40.00		5	30	79.4	95.1	97.0	3	59
BOEING	B-757-200	220.00	198.00	RB211-535C	2	37.40	4.50	5	30	85.5	94.0	100.3	3	
BOEING	B-757-200	220.00	198.00	RB211-535-E4	2	40.10	4.10	5	30	82.2	93.3	95.0	3	
BOEING	B-757-200	220.00	198.00	RB211-535-E4	2	40.10	4.10	5	30	82.9	93.4	95.0	3	58
BOEING	B-757-200	220.00	198.00	RB211-535E4-B	2	43.10	4.10	5	30	82.1	94.2	95.0	3	58
BOEING	B-757-200	220.00	198.00	RB211-535E4-B	2	43.10	4.10	5	30	81.3	94.4	95.0	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-757-200	255.50	210.00	PW 2037	2	38.20	5.80	5	30	91.4	93.7	98.1	3	
BOEING	B-757-200	255.50	210.00	PW 2037QFC	2	37.00		5	30	89.7	92.7	97.3	3	59
BOEING	B-757-200	255.50	210.00	PW 2040	2	41.70	5.70	5	30	89.7	94.2	98.1	3	
BOEING	B-757-200	255.50	210.00	PW 2040QFC	2	40.00		5	30	88.1	94.0	97.3	3	59
BOEING	B-757-200	240.00	210.00	RB211-535C	2	37.40	4.50	5	25	88.1	93.8	99.6	3	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	2	40.10	4.10	5	30	86.8	93.0	95.2	3	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	2	40.10	4.10	5	30	87.3	93.0	95.2	3	58
BOEING	B-757-200	255.50	210.00	RB211-535E4-B	2	43.10	4.10	5	30	85.7	94.1	95.2	3	
BOEING	B-757-200	255.50	210.00	RB211-535E4-B	2	43.10	4.10	5	30	86.2	93.8	95.2	3	58
BOEING	B-757-300	236.00	210.00	RB211-535-E4	2	40.10	4.10	5	30	84.8	93.9	95.2	3	58
BOEING	B-757-300	235.87	210.00	RB211-535E4-B	2	43.10	4.10	5	30	84.0	95.2	95.2	3	58
BOEING	B-757-300	235.87	210.00	RB211-535E4-C	2	43.00		5	30	84.0	95.2	95.2	3	58
BOEING	B-757-300	275.00	224.00	RB211-535-E4	2	40.10	4.10	5	30	89.8	93.5	95.4	3	58
BOEING	B-757-300	275.00	224.00	RB211-535E4-B	2	43.10	4.10	5	30	88.4	94.8	95.4	3	58
BOEING	B-757-300	275.00	224.00	RB211-535E4-C	2	43.00		5	30	88.4	94.8	95.4	3	58
BOEING	B-767-200	279.90	257.00	CF6-80A	2	48.00	4.60	1	30	84.9	95.5	101.4	3	
BOEING	B-767-200	279.90	257.00	CF6-80A2	2	50.00	4.60	1	30	84.2	97.2	101.4	3	
BOEING	B-767-200	282.00	257.00	JT9D-7R4D(A)	2	48.00	5.00	1	30	87.7	95.7	101.8	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-767-200	282.00	257.00	JT9D-7R4D(B)	2	48.00	5.00	1	30	88.4	95.9	101.9	3	
BOEING	B-767-200	282.00	257.00	JT9D-7R4E	2	50.00	5.00	1	30	87.5	96.8	101.9	3	
BOEING	B-767-200	300.00	270.00	CF6-80C2-B2	2	52.50	5.00	1	30	85.2	94.1	95.7	3	
BOEING	B-767-200	351.00	270.00	CF6-80C2-B4	2	57.90	5.00	1	30	87.7	95.3	95.7	3	
BOEING	B-767-200	335.00	270.00	PW4052	2	52.00	4.80	1	30	89.4	95.0	97.8	3	
BOEING	B-767-200	340.00	270.00	PW4056	2	56.75	4.80	1	30	88.5	96.0	97.8	3	
BOEING	B-767-200	351.00	285.00	PW4052	2	52.00	4.80	1	30	90.9	94.9	98.2	3	
BOEING	B-767-200	360.00	300.00	CF6-80A	2	48.00	4.60	1	30	92.8	94.8	101.7	3	
BOEING	B-767-200	360.00	300.00	CF6-80A2	2	50.00	4.60	1	30	91.7	96.5	101.7	3	
BOEING	B-767-200	351.00	300.00	CF6-80C2-B2	2	52.50	5.00	1	30	89.5	93.7	96.4	3	
BOEING	B-767-200	387.00	300.00	CF6-80C2-B4	2	57.90	5.00	1	30	90.6	95.0	96.4	3	
BOEING	B-767-200	351.00	300.00	JT9D-7R4D(A)	2	48.00	5.00	1	30	95.1	95.2	102.7	3	
BOEING	B-767-200	360.00	300.00	JT9D-7R4D(B)	2	48.00	5.00	1	30	96.2	95.3	102.6	3	
BOEING	B-767-200	360.00	300.00	JT9D-7R4E	2	50.00	5.00	1	30	95.4	96.2	102.6	3	
BOEING	B-767-200	400.00	300.00	PW 4056	2	56.75	4.80	1	30	93.7	95.5	98.6	3	
BOEING	B-767-200/200ER	300.00	270.00	CF6-80C2B2F	2	52.50	5.00	1	30	85.1	93.8	95.8	3	
BOEING	B-767-200/200ER	300.00	270.00	CF6-80C2B4F	2	57.90	5.00	1	30	83.7	95.2	95.8	3	
BOEING	B-767-200/200ER	299.60	270.00	PW4056 PH3 (FB2C) NRI	2	56.80	4.80	1	30	81.8	95.1	95.9	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-767-200/200ER	340.00	270.00	PW4060	2	60.00	4.80	1	30	87.7	97.3	97.8	3	
BOEING	B-767-200/200ER	299.60	270.00	PW4060 PH3 (FB2C) NRI	2	60.00	4.80	1	30	81.6	96.4	95.9	3	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B2F	2	52.50	5.00	1	30	90.2	93.4	96.5	3	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B4F	2	57.90	5.00	1	30	88.5	94.8	96.5	3	
BOEING	B-767-200/200ER	387.00	300.00	CF6-80C2B4F W/N1 MOD	2	57.90	5.00	1	30	90.6	94.6	96.5	3	
BOEING	B-767-200/200ER	400.00	300.00	CF6-80C2B6F W/N1 MOD	2	61.50	5.00	1	30	90.5	95.5	96.5	3	
BOEING	B-767-200/200ER	395.00	300.00	PW4056 PH3 (FB2C) NRI	2	56.80	4.80	1	30	89.8	94.5	96.6	3	
BOEING	B-767-200/200ER	387.00	300.00	PW4060	2	60.00	4.80	1	30	91.6	96.9	98.6	3	
BOEING	B-767-200/200ER	395.00	300.00	PW4060 PH3 (FB2C) NRI	2	60.00	4.80	1	30	89.0	95.9	96.6	3	
BOEING	B-767-300	300.00	280.00	CF6-80A	2	48.00	4.60	5	30	87.5	95.2	101.7	3	
BOEING	B-767-300	300.00	280.00	CF6-80A2	2	50.00	4.60	5	30	86.7	96.9	101.7	3	
BOEING	B-767-300	288.70	280.00	CF6-80C2B2	2	52.50	5.00	5	30	83.1	94.3	96.5	3	
BOEING	B-767-300	380.00	280.00	CF6-80C2-B4	2	57.90	5.00	5	30	90.2	95.3	96.5	3	
BOEING	B-767-300	380.00	280.00	CF6-80C2-B6	2	61.50	5.00	5	30	89.2	96.4	96.5	3	
BOEING	B-767-300	380.00	280.00	CF6-80C2B6F	2	61.50	5.00	5	30	89.1	96.1	96.6	3	
BOEING	B-767-300	300.00	280.00	JT9D-7R4D(B)	2	48.00	5.00	5	30	91.0	95.7	102.3	3	
BOEING	B-767-300	300.00	280.00	JT9D-7R4E	2	50.00	5.00	5	30	90.0	96.5	102.3	3	
BOEING	B-767-300	380.00	280.00	PW 4056	2	56.75	4.80	5	30	92.0	96.0	98.8	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-767-300	380.00	280.00	PW4060	2	60.00	4.80	5	30	91.2	97.2	98.8	3	
BOEING	B-767-300	340.00	280.00	RB211-524G	2	58.00	4.30	5	30	89.4	94.3	98.5	3	
BOEING	B-767-300	340.00	280.00	RB211-524H	2	60.60	4.10	5	30	88.7	95.2	98.5	3	
BOEING	B-767-300	351.00	320.00	CF6-80A	2	48.00	4.60	5	30	92.0	94.9	101.7	3	
BOEING	B-767-300	351.00	320.00	CF6-80A2	2	50.00	4.60	5	30	91.2	96.5	101.7	3	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B4	2	57.90	5.00	5	30	92.1	95.2	98.4	3	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B6	2	61.50	5.00	5	30	91.1	96.3	98.4	3	
BOEING	B-767-300	407.00	320.00	CF6-80C2B6F	2	61.50	5.00	5	30	90.9	96.0	98.5	3	
BOEING	B-767-300	351.00	320.00	JT9D-7R4D(B)	2	48.00	5.00	5	30	95.7	95.4	103.0	3	
BOEING	B-767-300	351.00	320.00	JT9D-7R4E	2	50.00	5.00	5	30	95.0	96.2	103.0	3	
BOEING	B-767-300	407.00	320.00	PW 4056	2	56.75	4.80	5	30	94.2	95.7	100.2	3	
BOEING	B-767-300	407.00	320.00	PW 4060	2	60.00	4.80	5	30	93.2	97.0	100.2	3	
BOEING	B-767-300	407.00	320.00	RB211-524G	2	58.00	4.30	5	30	93.8	94.0	99.8	3	
BOEING	B-767-300	407.00	320.00	RB211-524H	2	60.60	4.10	5	30	92.9	94.8	99.8	3	
BOEING	B-767-300/300ER	295.00	280.00	PW4056 PH3 (FB2C) NRI	2	56.80	4.80	5	30	81.9	95.3	96.6	3	
BOEING	B-767-300/300ER	295.00	280.00	PW4060 PH3 (FB2C) NRI	2	60.00	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	62.00	4.80	5	30	84.6	98.0	96.6	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4056 PH3 (FB2C) NRI	2	56.80	4.80	5	30	91.0	94.6	97.6	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-767-300/300ER	412.00	320.00	PW4060 PH3 (FB2C) NRI	2	60.00	4.80	5	30	90.3	95.9	97.9	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 (FB2B)	2	62.00	4.80	5	30	92.2	99.0	100.2	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 PH3 (FB2C) NRI	2	62.00	4.80	5	30	89.9	97.6	97.9	3	
BOEING	B-767-400	350.00	320.00	CF6-80C2B8F	2	63.50	5.00	5	30	85.5	97.8	97.6	3	
BOEING	B-767-400	450.00	350.00	CF6-80C2B8F	2	63.50	5.00	5	30	91.2	96.8	98.7	3	
BOEING	B-777-200	440.90	440.90	PW4074	2	74.00	6.80	5	30	85.2	95.5	98.9	3	
BOEING	B-777-200	506.00	445.00	GE90-76B	2	76.00	8.40	5	30	86.7	93.3	97.6	3	53
BOEING	B-777-200	506.00	445.00	GE90-76B (BLK IV)	2	76.00	8.40	5	30	87.6	94.3	97.9	3	54
BOEING	B-777-200	506.00	445.00	GE90-77B	2	77.00	8.30	5	30	86.7	93.4	97.6	3	53
BOEING	B-777-200	506.00	445.00	GE90-77B (BLK IV)	2	77.00	8.30	5	30	87.4	94.3	97.9	3	54
BOEING	B-777-200	545.00	445.00	GE90-85B	2	85.00	8.30	5	30	87.3	94.4	97.6	3	53
BOEING	B-777-200	545.00	445.00	GE90-85B (BLK IV)	2	85.00	8.30	5	30	87.8	95.3	97.9	3	54
BOEING	B-777-200	545.00	445.00	GE90-90B	2	90.00	8.20	5	30	86.3	95.4	97.6	3	53
BOEING	B-777-200	545.00	445.00	GE90-90B (BLK IV)	2	90.00	8.20	5	30	86.5	96.1	97.9	3	54
BOEING	B-777-200	580.00	445.00	GE90-94B (BLK IV)	2	94.00	8.10	5	30	87.5	96.7	97.9	3	54
BOEING	B-777-200	535.00	445.00	PW4074	2	74.00	6.80	5	30	90.9	95.1	99.0	3	
BOEING	B-777-200	445.00	445.00	PW4077	2	77.00	6.60	5	30	84.9	96.2	98.9	3	
BOEING	B-777-200	545.00	445.00	PW4090	2	90.00	6.10	5	30	88.3	98.7	98.9	3	55

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-777-200	447.40	445.00	PW4090 at PW4074 rating	2	74.00	6.80	5	30	85.7	95.5	98.9	3	55
BOEING	B-777-200	535.00	445.00	PW4090 at PW4074 rating	2	74.00	6.80	5	30	90.8	95.2	98.9	3	55
BOEING	B-777-200	545.00	445.00	PW4090 at PW4077 rating	2	77.00	6.60	5	30	90.6	95.9	98.9	3	55
BOEING	B-777-200	447.50	445.00	PW4090 at PW4077 rating	2	77.00	6.60	5	30	85.1	96.3	98.9	3	55
BOEING	B-777-200	458.00	445.00	RR TRENT 875	2	75.00	6.30	5	30	87.1	96.1	99.2	3	
BOEING	B-777-200	458.00	445.00	RR TRENT 877	2	77.00	6.20	5	30	86.7	96.5	99.2	3	
BOEING	B-777-200	545.00	445.00	RR TRENT 884	2	84.00	6.00	5	30	89.4	97.2	99.2	3	
BOEING	B-777-200	545.00	445.00	RR TRENT 892	2	90.00	5.90	5	30	88.3	98.1	99.2	3	
BOEING	B-777-200	632.50	445.00	RR TRENT 895	2	93.40	5.80	5	30	92.4	98.4	99.2	3	
BOEING	B-777-200	545.00	460.00	GE90-76B	2	76.00	8.40	5	30	88.8	93.2	97.8	3	53
BOEING	B-777-200	545.00	460.00	GE90-76B (BLK IV)	2	76.00	8.40	5	30	89.5	94.1	98.1	3	54
BOEING	B-777-200	545.00	460.00	GE90-77B	2	77.00	8.30	5	30	88.8	93.3	97.8	3	53
BOEING	B-777-200	545.00	460.00	GE90-77B (BLK IV)	2	77.00	8.30	5	30	89.4	94.2	98.1	3	54
BOEING	B-777-200	632.50	460.00	GE90-85B	2	85.00	8.30	5	30	91.3	94.2	97.8	3	53
BOEING	B-777-200	656.00	460.00	GE90-90B	2	90.00	8.20	5	30	91.3	95.0	97.8	3	53
BOEING	B-777-200	545.00	460.00	PW4077	2	77.00	6.60	5	30	90.7	95.8	99.0	3	
BOEING	B-777-200	632.50	470.00	GE90-85B (BLK IV)	2	85.00	8.30	5	30	92.0	95.0	98.3	3	54
BOEING	B-777-200	656.00	470.00	GE90-90B (BLK IV)	2	90.00	8.20	5	30	91.5	95.7	98.3	3	54

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOEING	B-777-200	656.00	470.00	GE90-94B BLK IV)	2	94.00	8.10	5	30	91.1	96.4	98.3	3	54
BOEING	B-777-200	656.00	470.00	PW4090	2	90.00	6.10	5	30	93.9	98.2	99.2	3	55
BOEING	B-777-200	545.00	470.00	RR TRENT 875	2	75.00	6.30	5	30	92.0	95.8	99.5	3	
BOEING	B-777-200	555.00	470.00	RR TRENT 877	2	77.00	6.20	5	30	91.7	96.1	99.5	3	
BOEING	B-777-200	632.50	470.00	RR TRENT 884	2	84.00	6.00	5	30	94.3	96.9	99.5	3	
BOEING	B-777-200	656.00	470.00	RR TRENT 892	2	90.00	5.90	5	30	94.0	97.7	99.5	3	
BOEING	B-777-200	656.00	470.00	RR TRENT 895	2	93.40	5.80	5	30	93.4	98.3	99.5	3	
BOEING	B-777-300	450.00	445.00	PW4090	2	90.00	6.10	5	30	83.4	98.7	99.0	3	55
BOEING	B-777-300	550.00	445.00	PW4098	2	98.00	5.80	5	30	87.7	99.3	100.0	3	
BOEING	B-777-300	550.00	445.00	RR TRENT 884	2	84.00	6.00	5	30	90.1	96.6	99.2	3	
BOEING	B-777-300	550.00	445.00	RR TRENT 892	2	90.00	5.90	5	30	88.4	97.5	99.2	3	
BOEING	B-777-300	660.00	524.00	PW4090	2	90.00	6.10	5	30	94.4	97.3	99.9	3	55
BOEING	B-777-300	660.00	524.00	PW4098	2	98.00	5.80	5	30	93.1	98.5	101.1	3	
BOEING	B-777-300	660.00	524.00	RR TRENT 884	2	84.00	6.00	5	30	96.2	95.9	100.4	3	
BOEING	B-777-300	660.00	524.00	RR TRENT 892	2	90.00	5.90	5	30	94.2	96.9	100.4	3	
BOMBARDIER	BD-700-1A10 (Global Express)	93.50	78.50	BR700-710-A2-20	2	14.97	5.00	16	30	82.1	88.7	89.8	3	
BOMBARDIER	BD-700-1A10 (Global Express)	96.00	78.50	BR700-710-A2-20	2	14.97	5.00	16	30	82.7	88.6	89.8	3	
BOMBARDIER	BD700-1A10 (Global Express) (Learjet STC: SA8184NM-D)	75.00	75.00	Rolls Royce/ BR700-710-A2-20	2	14.97	5.00	16	30	75.6	89.3	89.7	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
BOMBARDIER	CL-600	36.00	33.00	ALF-502	2	7.50	5.00	20	45	81.6	89.3	91.2	3	*
BOMBARDIER	CL-600	40.40	36.00	ALF 502L/L-2/L-2C	2	7.50	5.00	20	45	84.0	87.2	91.6	3	*
BOMBARDIER	CL-600	41.25	36.00	ALF-502L/L-2/L-2C	2	7.50	5.00	20	45	84.7	89.5	91.6	3	*
BOMBARDIER	CL-600 (WINGLETS)	41.25	36.00	ALF-502L/L-2/L-2C	2	7.50	5.00	20	45	84.8	89.5	91.6	3	
BOMBARDIER	CL-600-2B19 (CRJ)	53.00	47.00	CF-34-3A1	2	9.22	6.00	20	45	79.8	82.2	92.1	3	
BOMBARDIER	CL-600-2B19 (CRJ)	53.00	47.00	CF-34-3B1	2	9.22		20	45	78.7	82.4	92.1	3	
BOMBARDIER	CL-600-2C10 (CRJ700)	75.00	66.90	CF34-8C1	2	13.79	6.30	8	45	82.7	89.4	92.6	3	
BOMBARDIER	CL-600-2C10 (CRJ700)	72.50	66.90	CF34-8C1	2	13.79	6.30	8	45	82.1	89.5	92.6	3	
BOMBARDIER	CL-601	43.00	36.00	CF34-1A	2	8.65	6.30	20	45	79.9	84.8	89.4	3	*
BOMBARDIER	CL-601	42.10	36.00	CF34-1A	2	8.65	6.30	20	45	79.4	84.9	89.4	3	*
BOMBARDIER	CL-601-1A	45.10	36.00	CF-34-1A	2	8.65	6.30	20	45	80.5	84.6	90.1	3	*
BOMBARDIER	CL-601-3A	43.10	36.00	CF-34-3A	2	8.72	6.30	20	45	79.4	85.9	89.4	3	*
BOMBARDIER	CL-601-3A	45.10	36.00	CF-34-3A/-3A2	2	8.65	6.30	20	45	79.8	85.7	90.1	3	*
BOMBARDIER	CL-601-3R	45.10	36.00	CF-34-3A1	2	9.22	6.00	20	45	79.8	85.7	90.1	3	*
BOMBARDIER	CL-604	48.20	38.00	GE CF34-3B	2	8.72	6.30	20	45	81.2	86.2	90.3	3	*
BOMBARDIER	CL-604	47.60	38.00	GE CF34-3B	2	8.72	6.30	20	45	80.9	86.2	90.3	3	*
CESSNA	500 CITATION	10.30	9.90	JT15D-1	2	2.20	3.30	15	40	76.4	86.1	87.7	3	*
CESSNA	500/501 CITATION I	11.80	11.30	JT15D-1/-1A	2	2.20	3.30	15	40	78.0	86.2	87.9	3	*

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
CESSNA	525 CESSNA JET	10.40	9.70	FJ44-1A	2	1.50		15	35	73.4	83.7	92.1	3	
CESSNA	525A CITATION JET II (CJ-2)	12.37	11.50	FJ44-2C	2	2.10		15	35	74.5	88.8	91.4	3	
CESSNA	550 CITATION II	13.30	12.70	JT15D-4	2	2.50	2.68	15	40	80.1	86.7	90.5	3	*
CESSNA	550 CITATION Bravo	14.80	13.50	PW530A	2	2.20		15	40	73.7	85.2	91.2	3	
CESSNA	550 CITATION II	14.10	13.50	JT15D-4	2	2.50	2.68	0	40	71.6	86.4	90.5	3	
CESSNA	551 CITATION II	12.50	12.00	JT15D-4	2	2.50	2.68	15	40	80.1	86.7	90.5	3	*
CESSNA	552	15.50	14.30	JT15D-5	2	2.90	2.10	20	35	89.3	94.7	88.5	3	*
CESSNA	560 CITATION Ultra	16.30	15.20	JT15D-5D	2	2.30		7	35	82.9	95.9	85.7	3	
CESSNA	560 CITATION V	15.90	15.20	JT15D-5A	2	2.90	2.10	7	35	83.7	94.7	88.9	3	
CESSNA	560 CITATION V	16.30	15.20	JT15D-5A	2	2.90	2.10	7	35	84.6	94.6	88.9	3	
CESSNA	560 ENCORE	16.63	15.20	PW535A	2	2.90		7	35	70.3	89.9	90.5	3	
CESSNA	560XL EXCEL	20.00	18.70	PW545A	2	3.00		7	35	72.4	85.3	93.1	3	
CESSNA	650 CITATION III	21.00	17.00	TFE731-3B-100S	2	2.90	3.11	20	37	84.9	92.5	92.4	3	
CESSNA	650 CITATION III	22.00	20.00	TFE731-3B-100S	2	2.90	3.11	7	37	80.1	92.4	93.8	3	22
CESSNA	650 CITATION VI	22.45	20.00	TFE731-3C-100S	2	2.90		7	40	82.2	92.4	93.8	3	
CESSNA	650 CITATION VII	23.00	20.00	TFE731-4R-3S	2	3.20		7	40	78.9	91.9	90.8	3	
CESSNA	750 CITATION X	35.70	31.80	AE3007C	2	5.00	5.30	15	35	72.3	83.0	90.2	3	
CESSNA	S550 CITATION S/II	14.70	14.00	JT15D-4B	2	2.50	2.68	20	35	87.9	91.6	85.1	3	*

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
CESSNA	S550 CITATION S/II	15.10	14.40	JT15D-4B	2	2.50	2.68	7	35	80.0	91.3	86.2	3	
DASSAULT	FALCON 10	19.30	17.64	TFE731-2-1C	2	3.23	2.80	15	52	82.2	86.2	95.2	3	
DASSAULT	FALCON 200	32.00	27.60	ATF3-6A-4C	2	5.20	2.90	5	40	83.9	89.0	93.9	3	
DASSAULT	FALCON 200 (M5634)	32.00	28.88	ATF3-6A-4C	2	5.20	2.90	5	40	83.9	89.0	94.2	3	
DASSAULT	FALCON 2000	36.50	33.00	CFE738-1-1B	2	5.72	6.00	20	40	79.4	86.4	93.1	3	
DASSAULT	FALCON 20-Basic/D/E	28.66	27.32	CF700-2D-2	2	4.50	2.00	15	40	90.0	92.3	101.7	2	
DASSAULT	FALCON 20-Basic/D/E/F (M2851)	28.66	27.32	CF700-2D-2Q	2	4.50	2.00	0	40	81.9	94.0	99.7	3	
DASSAULT	FALCON 20-C5/D5/E5 (M3500)	29.10	27.73	TFE731-5AR-2C	2	4.50	3.70	15	40	82.9	88.4	90.7	3	
DASSAULT	FALCON 20-C5/D5/E5 (M3530)	29.10	27.73	TFE-731-5BR-2C	2	4.80	3.70	15	40	80.3	90.7	90.7	3	
DASSAULT	FALCON 20-C5/D5/E5 (M3547)	30.50	28.88	TFE731-5BR-2C	2	4.80	3.70	15	40	82.9	91.9	90.6	3	
DASSAULT	FALCON 20-F (M1400)	28.66	27.32	CF700-2D-2	2	4.50	2.00	10	40	90.0	92.3	103.0	2	
DASSAULT	FALCON 20-F5 (M3500)	29.10	27.73	TFE731-5AR-2C	2	4.50	3.70	10	40	81.8	88.6	90.0	3	
DASSAULT	FALCON 20-F5 (M3530)	29.10	27.73	TFE-731-5BR-2C	2	4.80	3.70	10	40	79.3	90.9	90.0	3	
DASSAULT	FALCON 20-F5 (M3547)	30.50	28.88	TFE731-5BR-2C	2	4.80	3.70	10	40	81.9	92.1	90.3	3	
DASSAULT	FALCON 20-G (M2500)	32.00	27.56	ATF3-6-2C	2	5.40	2.90	10	40	87.5	88.3	95.9	3	
DASSAULT	FALCON 50	38.80	35.72	TFE731-3-1C	3	3.70	2.80	20	48	84.3	91.6	97.4	3	
DASSAULT	FALCON 50 (M1810)	40.79	35.72	TFE731-40-1	3	3.70	3.50	20	48	83.0	92.7	95.2	3	
DASSAULT	FALCON 50 (M1230)	40.78	35.71	TFE731-3-1C	3	3.70	2.80	20	48	84.8	91.5	97.1	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
DASSAULT	FALCON 50 (M2193)	40.79	35.72	TFE731-40-1	3	3.70	3.50	20	48	83.8	92.0	95.2	3	
DASSAULT	FALCON 900	45.50	42.00	TFE731-5AR-1C	3	4.75	3.70	20	40	81.9	89.5	91.7	3	
DASSAULT	FALCON 900 (M1196)	46.50	42.00	TFE731-5AR-1C	3	4.75	3.70	20	40	82.9	89.5	91.7	3	
DASSAULT	FALCON 900B (M1200)	46.50	42.00	TFE731-5BR-1C	3	4.75	3.70	20	40	80.7	91.2	91.7	3	
DASSAULT	FALCON 900EX (M3000)	49.00	44.50	TFE731-60-1	3	5.00	4.40	20	40	79.8	90.5	92.3	3	
EMBRAER	EMB-135LR	44.09	40.78	AE3007A1/3	2	7.20	4.77	9	45	77.9	84.4	92.3	3	
EMBRAER	EMB-145EP	46.29	41.22	AE3007A	2	7.58	5.23	9	45	83.7	84.2	92.6	3	*
EMBRAER	EMB-145ER	45.41	41.22	AE3007A	2	7.58	5.23	9	45	77.9	84.6	92.6	3	
EMBRAER	EMB-145LR	48.50	42.54	AE3007A1/1	2	7.58	4.76	9	45	79.4	84.6	92.5	3	
FAIRCHILD DORNIER	DORNIER 328-300	33.51	31.06	PW306B	2	6.05	5.60	12	32	76.1	89.8	91.1	3	
FAIRCHILD DORNIER	DORNIER 328-300 Mod 10	34.52	31.72	PW306B	2	6.05	5.60	12	32	76.5	89.8	92.1	3	
FOKKER	F100	98.00	88.00	TAY MK650-15	2	14.73	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	9.39	1.00	6	42	90.0	99.5	101.8	2	*
FOKKER	F28 MK3000	71.00	64.00	SPEY MK555-15H	2	9.77	1.00	6	42	91.0	99.3	99.4	2	
FOKKER	F28 MK4000	73.00	65.80	SPEY MK555-15H	2	9.77	1.00	6	42	91.9	99.2	99.4	2	
FOKKER	F28 MK4000	73.00	69.50	SPEY MK555-15P	2	9.85	1.00	6	42	92.9	101.7	101.4	2	
FOKKER	F70	81.00	75.00	TAY MK620-15	2	13.80	3.00	0	42	76.8	89.9	87.7	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
FOKKER	F70	92.00	81.00	TAY MK620-15	2	13.80	3.00	0	42	80.1	89.5	88.3	3	
GULFSTREAM	G100	24.65	20.70	TFE731-40R-200G	2	4.25	2.90	25	40	79.1	89.5	91.9	3	
GULFSTREAM	G200	34.85	28.00	PW306A	2	6.04	4.50	25	40	81.4	85.8	92.7	3	46
GULFSTREAM	G200	34.85	28.00	PW306A	2	6.04	4.50	25	40	81.4	85.8	90.9	3	47
GULFSTREAM	G-II GULFSTREAM	62.00	58.50	SPEY 511-8	2	11.40	0.64	20	39	90.9	102.7	98.2	2	12
GULFSTREAM	G-II GULFSTREAM	65.50	58.50	SPEY 511-8	2	11.40	0.64	10	39	92.5	103.0	98.3	2	12
GULFSTREAM	G-IIB/G-III	69.70	58.50	SPEY 511-8	2	11.40	0.64	10	39	91.1	103.4	97.3	2	12
GULFSTREAM	G-IV	73.20	58.50	TAY 611-8	2	13.85	3.00	10	39	76.8	87.3	91.0	3	
GULFSTREAM	G-IV GULFSTREAM w/ASC 190	74.60	66.00	TAY 611-8	2	13.85	3.00	20	39	77.5	86.6	92.0	3	
GULFSTREAM	G-V	90.50	75.30	BR700-710A1-10	2	14.70	4.20	10	39	80.3	89.1	90.8	3	
ISRAEL AIRCRAFT	1124 WESTWIND	22.90	19.00	TFE731-3-1G	2	3.70	2.80	20	40	81.2	88.4	93.0	3	
ISRAEL AIRCRAFT	1124A WESTWIND 2	23.50	19.00	TFE731-3-1G	2	3.70	2.80	20	40	85.4	88.7	92.8	3	*
ISRAEL AIRCRAFT	1125 ASTRA	24.70	20.70	TFE731-3A-200G	2			12	40	84.1	89.7	89.8	3	
ISRAEL AIRCRAFT	1125 ASTRA	23.50	20.70	TFE731-3A-200G	2			12	40	82.3	89.8	89.8	3	
ISRAEL AIRCRAFT	1125 ASTRA SPX	24.65	20.70	TFE731-40R	2			0	40	79.9	89.9	92.3	3	
ISRAEL AIRCRAFT	Galaxy	34.85	28.00	PW306A	2	6.04	4.50	0	40	81.4	85.8	92.7	3	
LEARJET	23 Raisbeck MK II	12.50	11.90	CJ610-1/-4	2	1.34	0.00	10		88.0	103.8	98.0	2	
LEARJET	24 Raisbeck MK II	13.00	11.90	CJ610-1/-4	2	1.34	0.00	10		89.0	103.8	98.0	2	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
LEARJET	24/24D	13.50	11.90	CJ610-6	2	2.95	0.00	20	40	91.8	99.3	100.7	2	13
LEARJET	24B/D Raisbeck MK II	13.50	11.88	CJ610	2			10	40	87.6	104.0	98.0	2	
LEARJET	24D	13.50	11.90	CJ610-6	2	2.95	0.00	20	40	91.8	99.3	101.7	2	14
LEARJET	24D	13.50	11.90	CJ610-6	2	2.95	0.00	20	40	91.9	104.0	96.7	2	
LEARJET	24E	12.90	11.90	CJ610-6	2	2.95	0.00	8	40	84.3	103.9	95.3	2	
LEARJET	24F	13.50	11.90	CJ610-6	2	2.95	0.00	8	40	85.8	103.7	95.3	2	
LEARJET	24F-A	12.50	11.90	CJ610-6	2	2.95	0.00	8	40	83.6	103.9	95.3	2	
LEARJET	25	16.00	13.30	CJ610-6	2	2.95	0.00	10	40	93.5	103.9	99.0	2	
LEARJET	25	15.00	13.30	CJ610-6	2	2.95	0.00			94.0	99.3	100.8	2	
LEARJET	25/25B/C Raisb MK II	15.00	13.30	CJ610	2			10	40	91.0	103.8	99.0	2	
LEARJET	25B/C/D/F XR Dee Hwd	16.30	13.30	CJ610-6/8A		2.95	0.00	10	40	93.5	103.9	99.0	2	
LEARJET	25C	15.00	13.30	CJ610-6	2	2.95	0.00	20	40	94.0	99.3	100.8	2	13
LEARJET	25D	15.00	13.30	CJ610-6	2	2.95	0.00	20	40	94.0	99.3	102.7	2	14
LEARJET	25D/25F	15.00	13.30	CJ610-6/8A	2	2.95	0.00	8	40	90.1	103.7	95.2	2	
LEARJET	28/29	15.00	14.30	CJ610-8A	2	2.95	0.00	8	40	87.0	99.7	101.7	2	
LEARJET	31	15.50	15.30	TFE731-2-3B	2	3.50		8	40	79.6	87.2	92.6	3	*
LEARJET	31	16.50	15.30	TFE731-2-3B	2	3.50		8	40	81.0	87.0	92.6	3	*
LEARJET	31A	17.00	15.30	TFE731-2-3B	2	3.50		8	40	81.9	86.9	92.8	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
LEARJET	31A	17.00	16.00	TFE731-2-3B	2	3.50		8	40	82.9	86.8	93.1	3	
LEARJET	35/36	18.00	14.30	TFE731-2-2B	2	3.50	2.64	20	40	84.5	87.9	92.2	3	*
LEARJET	35/36	17.00	14.30	TFE731-2-2B	2	3.50	2.64	20	40	84.0	86.9	92.2	3	*
LEARJET	35A	18.00	14.30	TFE731-2-2B	2	3.50	2.64	8	40	83.6	87.4	91.3	3	*
LEARJET	35A/36A	18.00	14.30	TFE731-2-2B	2	3.50	2.64	8	40	78.7	87.4	91.3	3	
LEARJET	35A/36A	18.30	15.30	TFE731-2-2B	2	3.50	2.64	8	40	79.2	86.7	91.4	3	
LEARJET	36A	18.30	15.30	TFE731-2-2B	2	3.50	2.64	20	40	83.9	87.8	91.4	3	*
LEARJET	45	20.50	19.20	TFE731-20R-1B or (-20AR-1B)	2			8	40	74.4	85.2	93.4	3	
LEARJET	55	19.50	17.00	TFE731-3A-2B	2	3.70		8	40	84.2	90.9	90.6	3	*
LEARJET	55	21.00	17.00	TFE731-3A-2B	2	3.70		8	40	85.5	90.7	90.6	3	*
LEARJET	55B	21.50	18.00	TFE731-3A-2B	2	3.70		20	40	86.3	90.7	91.0	3	*
LEARJET	55C	21.50	17.00	TFE731-3AR-3B	2	3.90	2.90	20	40	87.0	91.4	92.4	3	*
LEARJET	55C	21.00	17.00	TFE731-3AR-3B	2	3.90	2.90	20	40	86.7	91.5	92.4	3	*
LEARJET	55C	21.50	18.00	TFE731-3AR-2B	2	3.90	2.90	20	40	86.7	90.9	92.4	3	*
LEARJET	55C	21.00	18.00	TFE731-3AR-2B	2	3.90	2.90	20	40	86.2	91.0	92.4	3	*
LEARJET	60	23.10	19.50	PW305A	2	4.67		8	40	70.8	83.1	87.7	3	
LEARJET	60	23.50	19.50	PW305A	2	4.67		8	40	70.8	83.2	87.7	3	
LOCKHEED	1329-23 (AIRESEARCH)	43.80		TFE731-3-1E	4	3.70	2.80	20	59	92.7	88.1	96.9	2	* **

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
LOCKHEED	1329-23A/D/E (STAR 3 STC ST00258SE)	44.25	36.00	TFE731-3-1R	4	3.70	2.80	20	59	85.2	90.7	96.9	3	
LOCKHEED	1329-25 (AIRESEARCH)	44.50	36.00	TFE731-3	4	3.70	2.80			93.1	88.1	96.9	2	* **
LOCKHEED	1329-25 (STAR 3 STC# ST00259SE)	44.50	36.00	TFE731-3-1R	4	3.70	2.80	20	59	85.4	90.7	96.9	3	
LOCKHEED	L-1011	430.00	358.00	RB211-22B	3	41.00	4.70	14	42	95.9	95.1	102.8	3	5 *
LOCKHEED	L-1011-1	430.00	358.00	RB211-22B	3	41.00	4.70	10	42	96.0	95.0	102.8	3	5 *
LOCKHEED	L-1011-100	466.00	368.00	RB211-22B	3	41.00	4.70	10	42	98.5	94.9	102.8	3	5 *
LOCKHEED	L-1011-200	466.00	368.00	RB211-524B	3	50.00	4.50	10	33	98.1	97.9	101.4	3	5 *
LOCKHEED	L1011-385-1-14/15	474.00	368.00	RB211-22B	3	41.00	4.70	4	42	98.6	94.1	102.8	3	
LOCKHEED	L1011-385-1-14/15	466.00	368.00	RB211-524B4	3	50.00	4.50	10	42	97.9	95.9	103.3	3	*
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B	3	50.00	4.50	14	33	98.4	97.8	101.5	3	5 *
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B3	3	50.00	4.50	14	33	97.4	96.7	100.3	3	5 *
LOCKHEED	L-1011-500	504.00	368.00	RB211-524B3	3	50.00	4.50	22	33	98.0	96.9	100.2	3	5 *
LOCKHEED	L-1011-500	510.00	368.00	RB211-524B4	3	50.00	4.50	10	33	99.3	96.4	102.0	3	*
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-1	4	17.00	1.40	15	50	99.5	101.2	107.8	2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-1	4	17.00	1.40	15	35	101.2	101.3	103.4	2	6,**
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	286.00	199.50	JT3D-3B	4	18.00	1.40	15	50	98.4	101.5	107.8	2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-3B	4	18.00	1.40	15	50	97.0	101.5	107.8	2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-3B	4	18.00	1.40	15	35	98.6	101.6	103.4	2	6,**

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	276.00	199.50	JT3D-1	4				35	101.9	99.9	107.1	2	6,**
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	276.00	199.50	JT3D-3B	4	18.00	1.40		35	99.1	101.5	107.0	2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	276.00	199.50	JT3D-3B	4	18.00	1.40		35	99.5	101.5	107.1	2	6,**
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	286.00	207.00	JT3D-3B	4	18.00	1.40		35	100.7	101.4	107.1	2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	4	18.00	1.40	15	25	99.9	103.1	104.5	2	6,**
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	4	18.00	1.40	15	25	99.3	103.1	104.2	2	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	286.00	207.00	JT3D-3B	4	18.00	1.40	15	25	101.3	103.0	104.6	2	6,26,**
MCDONNELL DOUGLAS	DC-08-52 (BAC STC: SA3915NM)	305.00	201.90	JT3D-3B	4	18.00	1.40	15	50	100.9	101.4	108.0	2	6,26,**
MCDONNELL DOUGLAS	DC-08-52 (QNC PLS QN)	300.00	202.00	JT3D-3B	4	18.00	1.40		35	102.9	101.3	107.0	2	6,26,**
MCDONNELL DOUGLAS	DC-08-52 (QNC PLS QN)	300.00	202.00	JT3D-3B	4	18.00	1.40		35	103.2	101.3	107.2	2	6,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	4	18.00	1.40	15	25	104.2	102.9	104.7	2	6,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	4	18.00	1.40	15	25	103.7	102.9	104.3	2	6,26,**
MCDONNELL DOUGLAS	DC-08-53 (BAC STC: SA3915NM)	315.00	203.30	JT3D-3B	4	18.00	1.40	15	50	102.3	101.3	108.1	2	6,26,**
MCDONNELL DOUGLAS	DC-08-53 (QNC PLS QN)	318.00	207.00	JT3D-3B	4	18.00	1.40		35	105.3	101.1	107.1	2	6,26,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	306.80	207.00	JT3D	4			15	25	105.2	102.8	105.0	2	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	309.80	207.00	JT3D-3B	4	18.00	1.40	15	25	105.2	102.8	104.6	2	6,26,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	315.00	207.00	JT3D-3B	4	18.00	1.40		35	104.9	101.2	107.1	2	6,**
MCDONNELL DOUGLAS	DC-08-55 (BAC STC: SA3915NM)	325.00	217.00	JT3D-3B	4	18.00	1.40	15	35	103.7	101.2	105.1	2	6,26,**

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-08-55 (BAC STC: SA3915NM)	325.00	240.00	JT3D-3B	4	18.00	1.40	15	35	103.7	101.2	107.9	2	6,26,**
MCDONNELL DOUGLAS	DC-08-55 (QNC PLS QN)	320.30	217.00	JT3D-3B	4	18.00	1.40		35	105.5	101.1	107.2	2	6,26,**
MCDONNELL DOUGLAS	DC-08-55 (QNC QN)	309.80	217.00	JT3D-3B	4	18.00	1.40	15	25	105.2	102.8	105.2	2	6,26,**
MCDONNELL DOUGLAS	DC-08-55/F54 (BAC STC: SA3915NM)	313.70	217.00	JT3D-3B	4	18.00	1.40	15	35	105.3	101.5	104.0	2	6,26,**
MCDONNELL DOUGLAS	DC-08-61 (BAC II STC: SA4892NM)	325.00	240.00	JT3D-3B	4	18.00	1.40	15	35	99.8	101.0	101.6	3	12
MCDONNELL DOUGLAS	DC-08-61 (BAC STC: SA3915NM)	325.00	240.00	JT3D-3B	4	18.00	1.40	15	35	103.7	101.2	107.9	2	6,26,**
MCDONNELL DOUGLAS	DC-08-61 (QNC PLS QN)	270.00	240.00	JT3D-3B	4	18.00	1.40		35	98.6	101.5	107.2	2	6,26,**
MCDONNELL DOUGLAS	DC-08-61 (QNC PLS QN)	320.30	240.00	JT3D-3B	4	18.00	1.40		35	105.5	101.1	107.2	2	6,**
MCDONNELL DOUGLAS	DC-08-61 (QNC QN)	270.00	240.00	JT3D-3B	4	18.00	1.40	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	18.00	1.40	15	25	105.2	102.8	106.5	2	6,26,**
MCDONNELL DOUGLAS	DC-08-61F (QNC QN)	309.80	248.00	JT3D-3B	4	18.00	1.40	15	25	105.2	102.8	106.9	2	6,26,**
MCDONNELL DOUGLAS	DC-08-62 (ADC QN)	335.00	240.00	JT3D-3B	4	18.00	1.40	12	50	102.5	98.2	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-62 (ADC QN)	335.00	240.00	JT3D-7	4	19.00	1.40	12	50	101.6	98.8	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-62 (ADC QN)	350.00	250.00	JT3D-3B	4	18.00	1.40	12	50	104.3	98.1	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-62 (ADC QN)	350.00	250.00	JT3D-7	4	19.00	1.40	12	50	103.4	98.5	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM or SA5455NM)	335.00	250.00	JT3D-7	4	19.00	1.40	12	35	97.8	101.3	102.2	3	12
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM)	348.00	240.00	JT3D-3B	4	18.00	1.40	12	35	100.5	101.2	100.7	3	12
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM)	350.00	240.00	JT3D-7	4	19.00	1.40	12	35	98.6	101.6	102.0	3	12

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM)	335.00	250.00	JT3D-3B	4	18.00	1.40	12	35	99.7	101.3	101.0	3	12
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA5455NM)	350.00	240.00	JT3D-3B	4	18.00	1.40	12	35	100.5	101.2	100.2	3	12
MCDONNELL DOUGLAS	DC-08-62 (TNC QN)	335.00	240.00	JT3D-3B	4	18.00	1.40	12	50	102.0	99.3	107.8	2	6,**
MCDONNELL DOUGLAS	DC-08-62 (TNC QN)	350.00	250.00	JT3D-3B	4	18.00	1.40	12	50	103.9	98.9	107.9	2	6,**
MCDONNELL DOUGLAS	DC-08-62 (TNC QN)	335.00	250.00	JT3D-7	4	19.00	1.40	12	35	101.6	101.7	106.4	2	6,**
MCDONNELL DOUGLAS	DC-08-62 (TNC QN)	355.00	275.00	JT3D-7	4	19.00	1.40	12	35	102.7	100.7	107.6	2	6,**
MCDONNELL DOUGLAS	DC-08-63 (ADC QN)	355.00	245.00	JT3D-3B	4	18.00	1.40	12	50	104.8	98.1	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-63 (ADC QN)	355.00	245.00	JT3D-7	4	19.00	1.40	12	50	104.1	98.4	108.3	2	6,**
MCDONNELL DOUGLAS	DC-08-63 (ADC QN)	355.00	275.00	JT3D-3B	4	18.00	1.40	12	50	104.8	98.1	108.5	2	6,**
MCDONNELL DOUGLAS	DC-08-63 (ADC QN)	355.00	275.00	JT3D-7	4	19.00	1.40	12	50	104.1	98.4	108.4	2	6,**
MCDONNELL DOUGLAS	DC-08-63 (BAC II STC: SA4892NM or SA5455NM)	353.00	258.00	JT3D-7	4	19.00	1.40	12	35	98.9	101.4	102.4	3	12
MCDONNELL DOUGLAS	DC-08-63 (BAC II STC: SA4892NM or SA5455NM)	353.00	267.00	JT3D-7	4	19.00	1.40	12	35	98.9	101.4	102.7	3	12
MCDONNELL DOUGLAS	DC-08-63 (BAC II STC: SA4892NM)	353.00	275.00	JT3D-7	4	19.00	1.40	12	50	98.9	99.0	107.6	2	6,26,**
MCDONNELL DOUGLAS	DC-08-63 (TNC QN)	335.00	240.00	JT3D-3B	4	18.00	1.40	12	50	101.7	99.1	107.8	2	6,**
MCDONNELL DOUGLAS	DC-08-63 (TNC QN)	350.00	250.00	JT3D-3B	4	18.00	1.40	12	50	103.9	98.9	107.9	2	6,**
MCDONNELL DOUGLAS	DC-08-63 (TNC QN)	335.00	250.00	JT3D-7	4	19.00	1.40	12	35	100.7	101.0	106.5	2	6,**
MCDONNELL DOUGLAS	DC-08-63 (TNC QN)	355.00	275.00	JT3D-7	4	19.00	1.40	12	35	103.8	101.3	107.3	2	6,**
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM56-2-C1	4	22.00	6.00	15	50	94.3	92.9	98.3	3	*

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM-56-2C5	4	22.00	6.00			94.3	92.9	98.3	3	*
MCDONNELL DOUGLAS	DC-08-71	328.00	258.00	CFM56-2-C1	4	22.00	6.00	15	50	94.5	92.9	98.6	3	*
MCDONNELL DOUGLAS	DC-08-72	335.00	240.00	CFM56-2-C1	4	22.00	6.00	12	50	94.4	92.9	98.1	3	*
MCDONNELL DOUGLAS	DC-08-72	350.00	250.00	CFM56-2-C1	4	22.00	6.00	12	50	95.2	92.8	98.2	3	*
MCDONNELL DOUGLAS	DC-08-73	355.00	258.00	CFM56-2-C1	4	22.00	6.00	12	50	95.7	92.8	98.3	3	*
MCDONNELL DOUGLAS	DC-08-73	355.00	275.00	CFM56-2-C1	4	22.00	6.00	12	50	95.7	92.8	98.5	3	*
MCDONNELL DOUGLAS	DC-08F-54 (BAC STC: SA3915NM)	315.00	217.00	JT3D-3B	4	18.00	1.40	15	35	102.3	101.3	105.1	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 (BAC STC: SA3915NM)	315.00	240.00	JT3D-3B	4	18.00	1.40	15	35	102.3	101.3	107.9	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC PLS QN)	315.00	217.00	JT3D-3B	4	18.00	1.40		35	105.2	101.1	107.3	2	6,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC PLS QN)	315.00	217.00	JT3D-3B	4	18.00	1.40		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	18.00	1.40		35	104.9	101.2	107.4	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	306.80	207.00	JT3D-3B	4	18.00	1.40	15	25	105.2	102.8	105.0	2	6,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	309.80	207.00	JT3D-3B	4	18.00	1.40	15	25	105.2	102.8	104.6	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	306.80	217.00	JT3D-3B	4	18.00	1.40	15	25	105.2	102.8	105.6	2	6,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	309.80	240.00	JT3D-3B	4	18.00	1.40	15	25	105.2	102.8	106.5	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-54/55 (BAC STC: SA3915NM)	313.70	240.00	JT3D-3B	4	18.00	1.40	15	35	105.3	101.5	106.3	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-55 (QNC PLS QN)	317.80	240.00	JT3D-3B	4	18.00	1.40		35	105.2	101.1	107.4	2	6,26,**
MCDONNELL DOUGLAS	DC-08F-55 (QNC QN)	309.80	240.00	JT3D-3B	4	18.00	1.40	15	25	105.2	102.8	106.5	2	6,26,**

AIRCRAFT NOISE DATA FOR

UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7	2	14.00	1.40	10	50	91.4	100.8	103.1	2	24
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7/-7A	2	14.00	1.40	10	50	91.4	101.4	100.4	2	1
MCDONNELL DOUGLAS	DC-09-10 (ABS)	90.70	81.70	JT8D-7/7A/7B	2	14.00	1.40	10	40	87.2	96.4	95.0	3	6
MCDONNELL DOUGLAS	DC-09-10 (AIRWELD STC ST00934LA)	108.00	99.00	JT8D-9A	2	14.50	1.03	0	40	90.6	96.7	95.6	3	12
MCDONNELL DOUGLAS	DC-09-20 (ABS;STC SA1613GL)	100.00	93.40	JT8D-9/9A	2	14.50	1.03	0	40	88.8	96.9	95.7	3	
MCDONNELL DOUGLAS	DC-09-30	98.00	93.40	JT8D-15	2	15.50	1.03	0	50	91.2	101.1	98.4	2	1
MCDONNELL DOUGLAS	DC-09-30	103.00	95.30	JT8D-7	2	14.00	1.40	0	50	95.3	99.3	103.5	2	16,24
MCDONNELL DOUGLAS	DC-09-30	103.00	98.10	JT8D-17	2	16.00	1.01	0	50	92.7	103.5	101.1	2	1
MCDONNELL DOUGLAS	DC-09-30	108.00	98.10	JT8D-17	2	16.00	1.01	0	50	94.3	103.7	101.1	2	1
MCDONNELL DOUGLAS	DC-09-30	108.00	99.00	JT8D-7A	2	14.00	1.40	0	50	95.1	97.3	97.3	2	1
MCDONNELL DOUGLAS	DC-09-30	103.00	99.00	JT8D-9	2	14.50	1.03	0	50	94.3	99.0	99.0	2	1
MCDONNELL DOUGLAS	DC-09-30	108.00	99.00	JT8D-9	2	14.50	1.03	0	50	96.4	100.3	103.7	2	24
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-7	2	14.00	1.40	0	50	97.5	99.0	104.3	2	16,24
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-7	2	14.00	1.40	0	50	95.9	97.1	97.3	2	1
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-9	2	14.50	1.03	0	50	97.0	100.3	104.3	2	24
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-15	2	15.50	1.03	0	50	95.8	100.5	99.0	2	1
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-9	2	14.50	1.03	0	50	97.1	99.0	99.4	2	1
MCDONNELL DOUGLAS	DC-09-30 (ABS)	111.00	101.00	JT8D-11	2	15.00	1.00	0	40	90.3	97.3	96.0	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA16136L)	103.00	99.00	JT8D-9/9A	2	14.50	1.03	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	14.50	1.03	0	40	90.1	97.1	96.0	3	
MCDONNELL DOUGLAS	DC-09-30(ABS)	111.00	101.00	JT8D-11	2	15.00	1.00	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	14.00	1.40	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	14.00	1.40	0	40	91.0	95.8	96.0	3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	105.00	101.00	JT8D-9/9A	2	14.50	1.03	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	14.00	1.40	0	40	90.4	95.9	96.0	3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	103.00	99.00	JT8D-9/9A	2	14.50	1.03	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	14.00	1.40	0	40	91.0	96.2	96.0	3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-9/9A	2	14.50	1.03	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	14.00	1.40	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	14.00	1.40	0	40	91.0	96.2	96.0	3	
MCDONNELL DOUGLAS	DC-09-34	110.00	101.00	JT8D-9	2	14.50	1.03	0	50	96.1	98.8	99.1	2	1
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-15	2	15.50	1.03	0	50	97.8	102.1	101.4	2	1
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-17	2	16.00	1.01	0	50	98.0	103.0	101.9	2	1
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-11	2	15.00	1.00	0	50	96.8	99.5	99.4	2	1
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-15	2	15.50	1.03	0	50	95.8	100.5	99.4	2	1
MCDONNELL DOUGLAS	DC-09-50	115.00	104.00	JT8D-17	2	16.00	1.01	0	50	96.4	103.4	101.6	2	1

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-15	2	15.50	1.03	0	50	97.8	102.2	101.9	2	1
MCDONNELL DOUGLAS	DC-09-50	115.00	110.00	JT8D-15	2	15.50	1.03	0	50	96.1	102.4	101.9	2	1
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-17	2	16.00	1.01	0	50	98.1	103.2	101.9	2	1
MCDONNELL DOUGLAS	DC-10-10	410.00	347.80	CF6-6D	3	39.30	5.90	14	50	97.4	97.0	104.9	3	*
MCDONNELL DOUGLAS	DC-10-10	410.00	347.80	CF6-6K	3	39.30	5.90	14	50	96.8	96.3	103.3	3	*
MCDONNELL DOUGLAS	DC-10-10	430.00	347.80	CF6-6K2	3	40.90	5.90	11	50	97.4	96.5	103.3	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D	3	39.30	5.90	0	50	101.8	96.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1	3	40.30	5.80	4	50	100.2	96.6	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	430.00	363.50	CF6-6D1	3	40.30	5.80	11	50	98.1	97.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1A	3	40.90	5.80	4	50	100.2	96.6	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	430.00	363.50	CF6-6D1A	3	40.90	5.80	11	50	98.1	97.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K	3	39.30	5.90	0	50	100.9	95.5	103.8	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K2	3	40.90	5.90	4	50	99.3	96.1	103.8	3	*
MCDONNELL DOUGLAS	DC-10-15	455.00	363.50	CF6-50C2-F	3	45.60	4.60	5	50	93.8	95.6	103.1	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50A	3	48.40	4.30	5	50	101.8	96.9	106.3	3	*
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C/H	3	50.40	4.30	10	50	101.6	97.5	106.3	3	
MCDONNELL DOUGLAS	DC-10-30	572.00	403.00	CF6-50C1	3	51.80	4.20	10	50	102.1	98.3	106.3	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2	3	51.80	4.30	5	50	96.8	97.8	105.0	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2-B	3	53.20	4.30	5	50	96.1	98.4	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2-R	3	50.40	4.40	10	50	97.5	97.2	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	565.00	411.00	CF6-50A	3	48.40	4.30	5	50	102.7	96.8	106.6	3	*
MCDONNELL DOUGLAS	DC-10-30	572.00	411.00	CF6-50C/H	3	50.40	4.30	10	50	102.3	97.5	106.6	3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C1	3	51.80	4.20	10	50	103.0	98.0	106.6	3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2	3	51.80	4.30	15	50	99.0	97.9	105.3	3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2-B	3	53.20	4.30	15	50	98.7	98.5	105.3	3	
MCDONNELL DOUGLAS	DC-10-30	572.00	421.00	CF6-50C2-R	3	50.40	4.40	10	50	98.4	97.3	105.8	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	424.00	CF6-50C2	3	51.80	4.30	5	50	96.8	97.8	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	555.00	424.00	CF6-50C2-B	3	53.20	4.30	5	50	96.1	98.4	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	572.00	424.00	CF6-50C2-B	3	53.20	4.30	10	50	97.4	98.5	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	590.00	436.00	CF6-50C2	3	51.80	4.30	15	50	99.0	97.7	106.4	3	15
MCDONNELL DOUGLAS	DC-10-40	530.00	403.00	JT9D-20D	3	44.50	5.00	10	50	100.8	95.2	105.7	3	*
MCDONNELL DOUGLAS	DC-10-40	555.00	403.00	JT9D-59A	3	51.70	4.90	10	50	101.4	98.0	106.4	3	*
MCDONNELL DOUGLAS	MD-10-10	440.00	373.50	CF6-6D	3	39.30	5.70	5	50	100.0	96.5	105.9	3	56
MCDONNELL DOUGLAS	MD-10-10	440.00	373.50	CF6-6D W/ FSMS	3	39.30	5.70	5	50	100.1	96.4	105.9	3	56
MCDONNELL DOUGLAS	MD-10-10	440.00	375.00	CF6-6K	3	39.30	5.90	5	50	99.2	96.2	104.4	3	56
MCDONNELL DOUGLAS	MD-10-10	440.00	375.00	CF6-6K W/ FSMS	3	39.30	5.90	5	50	99.2	95.9	104.4	3	56

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	MD-10-30	565.00	424.00	CF6-50C2	3	51.80	4.30	10	50	96.9	97.4	106.0	3	57
MCDONNELL DOUGLAS	MD-10-30	580.00	436.00	CF6-50C2	3	51.80	4.30	15	50	97.9	97.4	106.3	3	57
MCDONNELL DOUGLAS	MD-11	602.50	430.00	CF6-80C2	3	61.50	5.30	10	50	92.8	96.3	103.6	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	CF6-80C2D1F	3	61.50	5.30	10	50	92.8	96.3	103.6	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	PW4460	3	60.00	5.00	10	50	93.7	96.3	103.8	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	PW4462	3	62.00	5.00	10	50	93.1	96.6	103.8	3	
MCDONNELL DOUGLAS	MD-11	618.00	471.50	CF6-80C2	3	61.50	5.30	10	50	93.9	96.3	104.3	3	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4460	3	60.00	5.00	10	50	95.8	96.1	104.4	3	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4462	3	62.00	5.00	10	50	95.0	96.5	104.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	CF6-80C2D1F	3	61.50	5.30	10	50	92.8	96.4	103.6	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	PW4460 (-3)	3	60.00	5.00	10	50	93.9	96.3	103.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	PW4462 (-3)	3	62.00	5.00	10	50	93.3	96.6	103.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	CF6-80C2D1F	3	61.50	5.30	10	50	94.6	96.4	104.5	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4460 (-3)	3	60.00	5.00	10	50	95.7	96.1	104.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4462 (-3)	3	62.00	5.00	10	50	95.0	96.5	104.4	3	
MCDONNELL DOUGLAS	MD-80	140.00	128.00	JT8D-209	2	19.25	1.83	0	40	88.9	94.7	92.8	3	10
MCDONNELL DOUGLAS	MD-80	140.00	128.00	JT8D-219	2	21.70	1.70	0	40	86.7	97.3	92.8	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-209	2	19.25	1.83	0	40	91.1	94.5	92.9	3	10

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-217	2	20.85	1.80	0	40	89.7	95.8	92.9	3	10
MCDONNELL DOUGLAS	MD-80	142.00	130.00	JT8D-217	2	20.85	1.80	0	40	88.2	96.1	92.9	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-219	2	21.70	1.70	0	40	88.6	97.1	92.9	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217A	2	20.85	1.80	2	40	92.0	95.9	93.7	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217C	2	20.85	1.70	2	40	91.5	96.3	93.7	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-219	2	21.70	1.70	2	40	90.8	97.2	93.7	3	10
MCDONNELL DOUGLAS	MD-87	125.00	120.00	JT8D-217A	2	20.85	1.80	0	40	84.3	96.4	92.9	3	10
MCDONNELL DOUGLAS	MD-87	125.00	120.00	JT8D-217C	2	20.85	1.70	0	40	84.1	96.5	92.9	3	10
MCDONNELL DOUGLAS	MD-87	140.00	128.00	JT8D-219	2	21.70	1.70	0	40	86.5	97.1	93.3	3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217A	2	20.85	1.80	1	40	89.7	95.9	93.3	3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217C	2	20.85	1.70	1	40	89.2	96.2	93.3	3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-219	2	21.70	1.70	1	40	88.5	97.1	93.3	3	10
MCDONNELL DOUGLAS	MD-90-30	135.00	130.00	V2525-D5	2	25.00	4.80	5	40	78.3	89.2	91.7	3	
MCDONNELL DOUGLAS	MD-90-30	135.00	130.00	V2528-D5	2	28.00	4.80	5	40	77.2	91.4	91.7	3	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2525-D5	2	25.00	4.80	5	40	84.2	88.8	91.9	3	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2528-D5	2	28.00	4.80	5	40	82.6	91.0	91.9	3	
MITSUBISHI	MU-300 (DIAMOND I)	14.10	13.20	JT15D-4	2	2.50	2.68	10	30	86.3	88.0	85.8	3	*
MITSUBISHI	MU-300 (DIAMOND I)	15.50	13.20	JT15D-4D	2	2.50	2.68	0	30	81.2	88.4	85.8	3	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
MITSUBISHI	MU-300-10 (DIAM. II)	15.78	14.22	JT15D-5	2	2.90	2.10	10	30	88.6	93.7	91.4	3	*
RAYTHEON	390 PREMIER	12.50	11.60	FJ44-2A	2	2.30		0	30	76.6	87.9	92.0	3	
RAYTHEON	C-29A	28.00	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	81.4	87.3	95.8	3	
RAYTHEON	HAWKER 125- 1A	21.70	19.60	TFE731-3-1H	2	3.70	2.70	0	45	84.2	90.0	96.0	3	
RAYTHEON	HAWKER 125- 1A	21.20	19.60	TFE731-3-1H	2	3.70	2.70	0	45	83.4	90.1	96.0	3	
RAYTHEON	HAWKER 125- 3A	21.70	20.00	TFE731-3-1H	2	3.70	2.70	0	45	84.2	90.0	96.3	3	
RAYTHEON	HAWKER 125- 3A/RA	23.60	20.00	TFE731-3-1H	2	3.70	2.70	0	45	85.5	89.8	95.7	3	
RAYTHEON	HAWKER 125- 400A	23.60	20.00	TFE731-3-1H	2	3.70	2.70	0	45	85.5	89.8	95.7	3	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	TFE731-3-1H	2	3.70	2.70	0	45	88.0	89.2	96.3	3	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	VIPER 601-22	2	3.65	0.00	0	45	92.3	99.2	102.9	2	12
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	2	3.70	2.70	0	45	91.6	92.1	96.0	2	25,33
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	2	3.70	2.70	0	45	88.0	89.2	96.3	3	33
RAYTHEON	HAWKER 125- 800	27.40	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	80.9	87.2	96.5	3	
RAYTHEON	HAWKER 125- 800A	27.40	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	80.9	89.6	96.5	3	25
RAYTHEON	HAWKER 125-1000	31.00	25.00	PW305	2	5.20	4.50	0	25	81.8	85.9	91.6	3	
RAYTHEON	HAWKER 125-1000	35.50	28.50	PW305	2	5.20	4.50	0	25	85.7	85.3	92.0	3	
SABRELINER	SABRELINER 40	17.50	14.00	JT12A-8	2	3.30		0	25	89.7	100.4	97.5	2	
SABRELINER	SABRELINER 40	20.20	17.50	JT12A-8	2	3.30		0	25	94.5	100.1	98.4	2	

AIRCRAFT NOISE DATA FOR
UNITED STATES CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	AP	STAGE	NOTES
SABRELINER	SABRELINER 60	20.20		JT12A-8	2	3.30			24	95.0	100.3	98.5	2	*
SABRELINER	SABRELINER 60A/60SC	22.70	20.60	JT12A-8	2	3.30		0		94.4	100.0	102.2	2	
SABRELINER	SABRELINER 65	24.00	21.80	TFE731-3R	2	3.70	2.80			84.0	93.0	90.6	3	*
SABRELINER	SABRELINER 65	22.70	21.80	TFE731-3R	2	3.70	2.80	0	36	82.3	93.1	90.6	3	*
SABRELINER	SABRELINER 75A	23.00		CF700-2D-2	2	4.50	2.00	15	25	90.7	91.3	100.2	2	*
SABRELINER	SABRELINER 80	23.30	22.00	CF700-2D-2	2	4.50	2.00			90.7	91.3	100.2	2	*
SABRELINER	SABRELINER 80A/80SC	25.50	22.00	CF700-2D-2	2	4.50	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).
4 Equipped with Modification HCM00020R
5 Direct Lift Control Used On Approach.
6 Engine Acoustic Treatment Installed Per Appropriate STC.
7 Center Engine Takeoff Thrust Is Derated.
10 DC-9-80 Normal Takeoff Power.
12 Equipped With 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 Re-engined with JT8D-200 series engines and MD-80 nacelles in the outboard positions. Original JT8D engine retained in center position with new internal exhaust gas mixer and new acoustically treated tailpipe.
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.
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 STC includes engine thrust derate.
35 Equipped With Lightweight Hushkit.
36 Date also applies to JT8D-9A/-15/-15A/-17/-17A engines derated To JT8D-9 thrust rating.
37 Data also applies to JT8D-15A/-17/-17A engines derated to JT8D-15 thrust rating.
38 Configuration APU With APS2000 , GTCP36-280(B), Or GTCP85-129 With Boeing Service Bulletin 737-49-1109 (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 rating.
41 Data also applies to JT8D-15/-17 engines derated to JT8D-9 thrust rating.
42 Data also applies to JT8D-17 engine derated to JT8D-15 thrust rating.
43 Raisbeck Standard Gross Weight (SGW) Configuration
44 Raisbeck Increased Gross Weight (IGW) Configuration
45 Raisbeck Heavy Gross Weight (HGW) Configuration
46 Equipped With APU
47 Not Equipped With APU
48 Original Production configuration (treated tailcone)
49 Modified Production configuration (hardwall tailcone)
50 DAC Engines (Dual Annular Combustor)
51 737-700 IGW (Increased Gross Weight)
52 Equipped With Winglets
53 Engine build G01 through G06
54 Engine build G07, G08, G09, G12, G13 or G15
55 Engine build configuration PW4090 or PW4090-3
56 APU Operating at Approach
57 APU Not Operating at Approach
58 Engines equipped with 48 fan outlet guide vanes
59 Quiet Fan Case Engines with Cutback (CBQFC) or non-Cutback Fan Blades (nCBQFC)
60 Data also applies to center engine JT8D-9A/-15/-15A/-17/-17A/-17R/-17AR(APR Deactivated) derated to JT8D-9 thrust rating.
61 Data also applies to center engine JT8D-15A/-17/-17A/-17R/-17AR(APR Deactivated) derated to JT8D-15 thrust rating.
62 Data also applies to center engine JT8D-17A/-17R/-17AR(APR Deactivated) derated to JT8D-17 thrust rating.
63 Data also applies to center engine JT8D-9A/-15/-15A/-17/-17A/-17R/-17AR(APR Deactivated) derated per AFM Supplement.
64 Data also applies to center engine JT8D-15A/-17/-17A/-17R/-17AR(APR Deactivated) derated per AFM Supplement.

* Full Power Takeoff.
** 650 Meter Sideline.

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

STAGE 2

	Takeoff Limits (EPNdB)	Sideline Limits (EPNdB)	Approach Limits (EPNdB)
75,000 pounds or less	93	102	102
Between 75,000 pounds and 600,000 pounds	$93 + 5\left\{\frac{\log \frac{W}{75{,}000}}{\log 2}\right\}$	$102 + 2\left\{\frac{\log \frac{W}{75{,}000}}{\log 2}\right\}$	$102 + 2\left\{\frac{\log \frac{W}{75{,}000}}{\log 2}\right\}$
600,000 pounds or more	108	108	108

EQUATIONS FOR THE CALCULATION OF NOISE CERTIFICATION LIMITS AT TAKEOFF

STAGE 3

4 ENGINES OR MORE

44,673 pounds or less	89
Between 44,673 pounds and 850,000 pounds	$89 + 4\left\{\frac{\log \frac{W}{44{,}673}}{\log 2}\right\}$
850,000 pounds or more	106

3 ENGINES

63,177 pounds or less	89
Between 63,177 pounds and 850,000 pounds	$89 + 4\left\{\frac{\log \frac{W}{63{,}177}}{\log 2}\right\}$
850,000 pounds or more	104

2 ENGINES OR LESS

106,250 pounds or less	89
Between 106,250 pounds and 850,000 pounds	$89 + 4\left\{\frac{\log \frac{W}{106{,}250}}{\log 2}\right\}$
850,000 pounds or more	101

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

STAGE 3-SIDELINE (EPNdB)

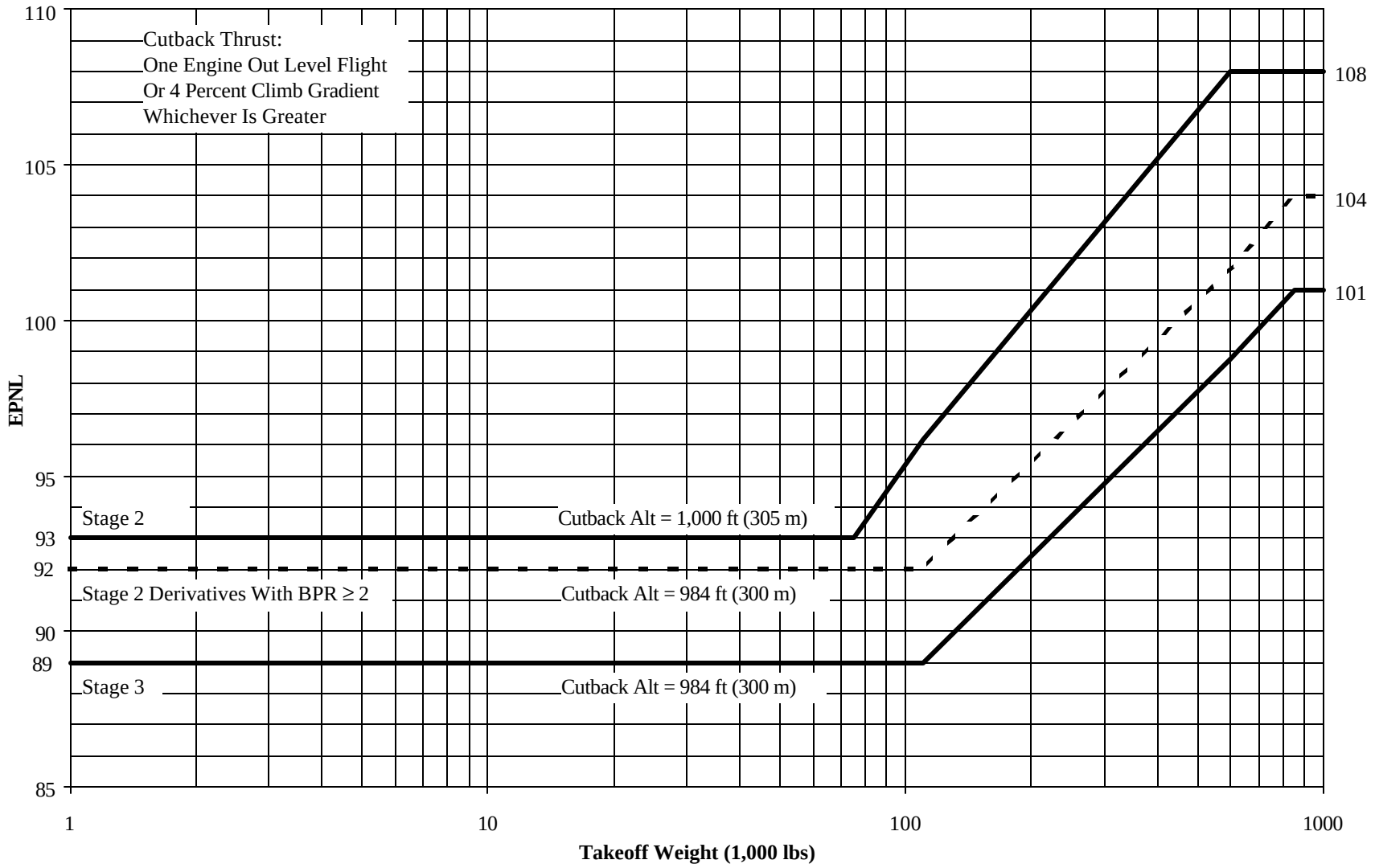
77,200 pounds or less	94
Between 77,200 pounds and 882,000 pounds	$94 + 2.56\left\{\frac{\log \frac{W}{77{,}200}}{\log 2}\right\}$
882,000 pounds or more	103

STAGE 3-APPROACH (EPNdB)

77,200 pounds or less	98
Between 77,200 pounds and 617,300 pounds	$98 + 2.33\left\{\frac{\log \frac{W}{77{,}200}}{\log 2}\right\}$
617,300 pounds or more	105

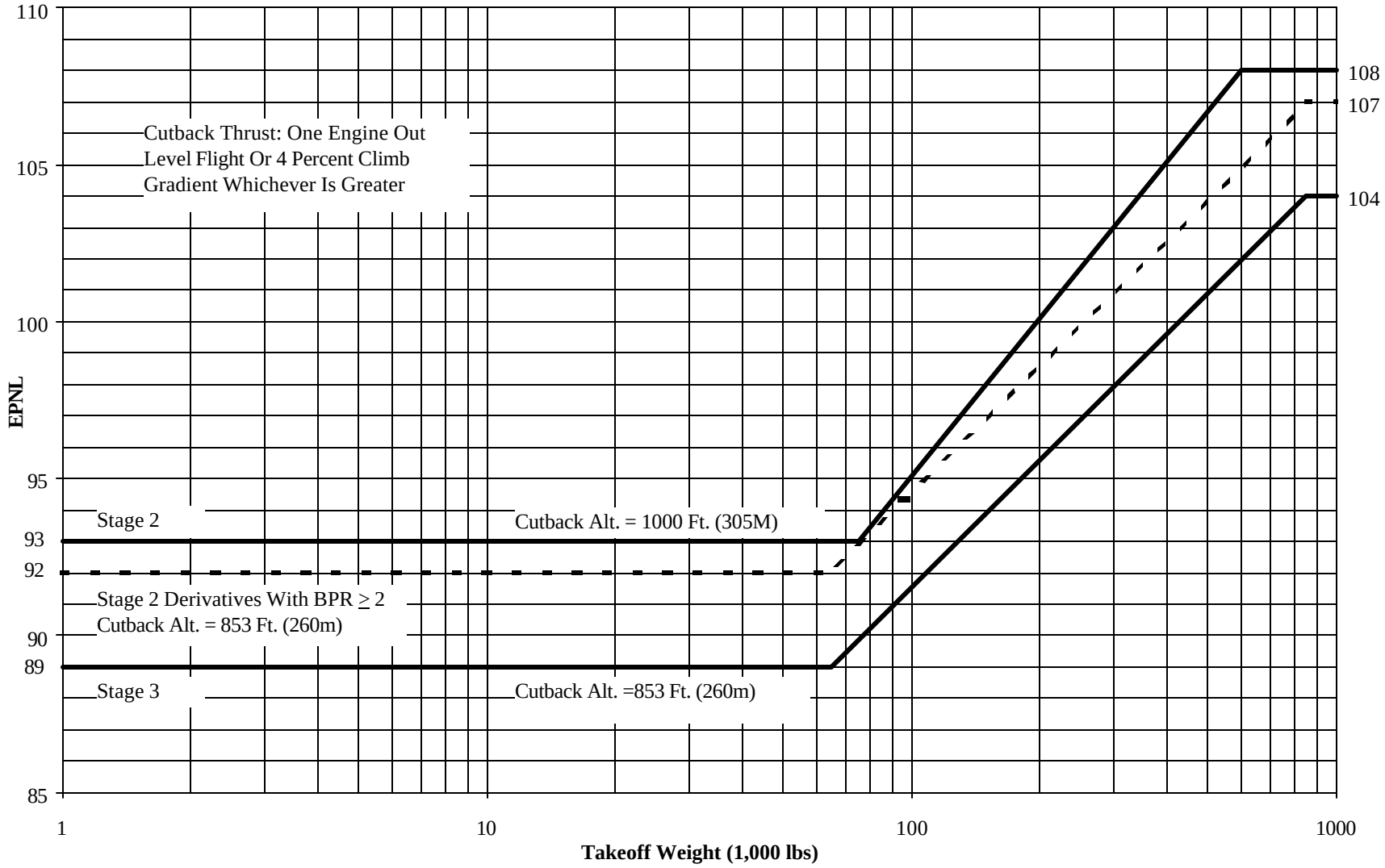
NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES

TAKEOFF - 2 ENGINE



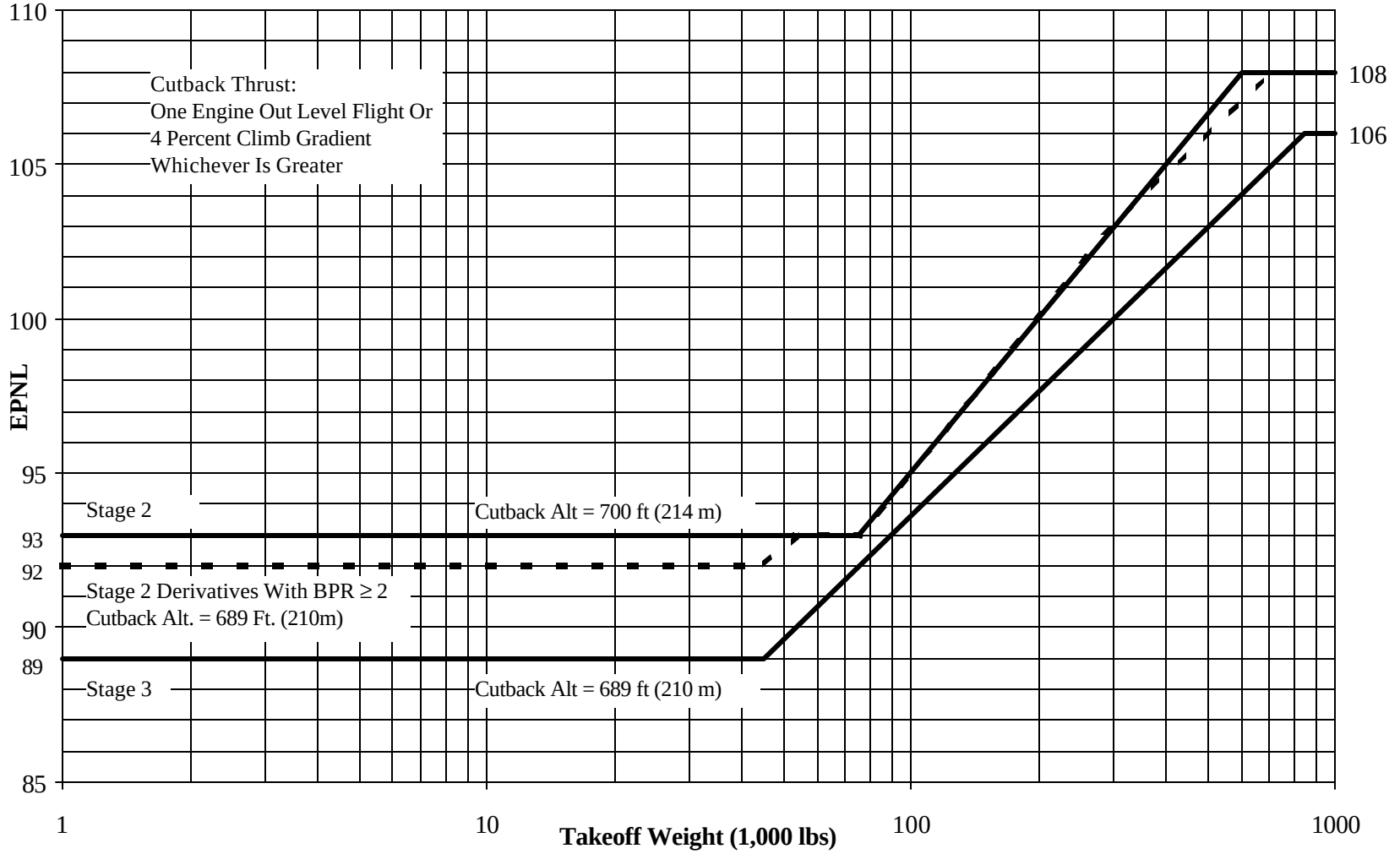
NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES

TAKEOFF - 3 ENGINE



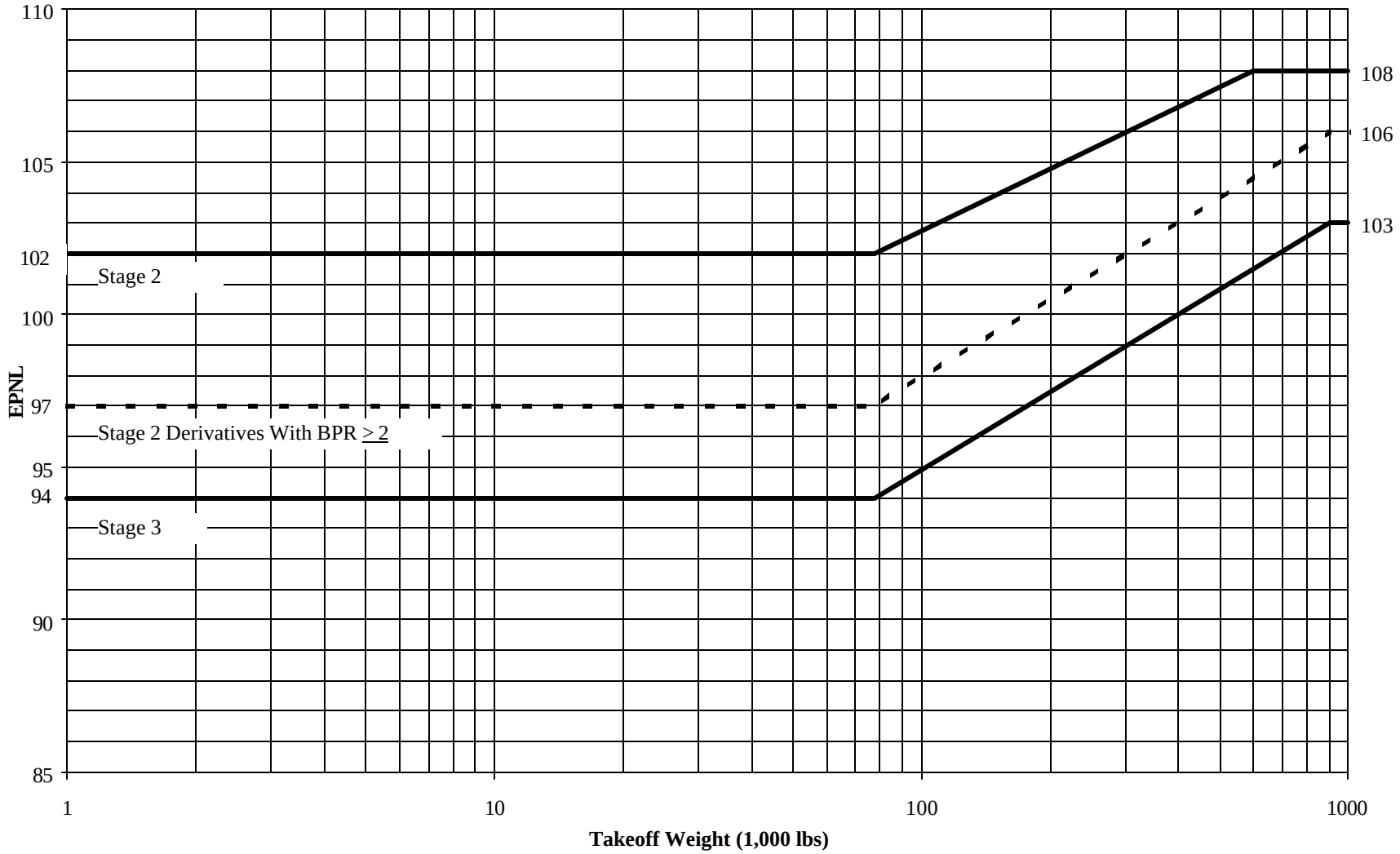
NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES

TAKEOFF - 4 ENGINE



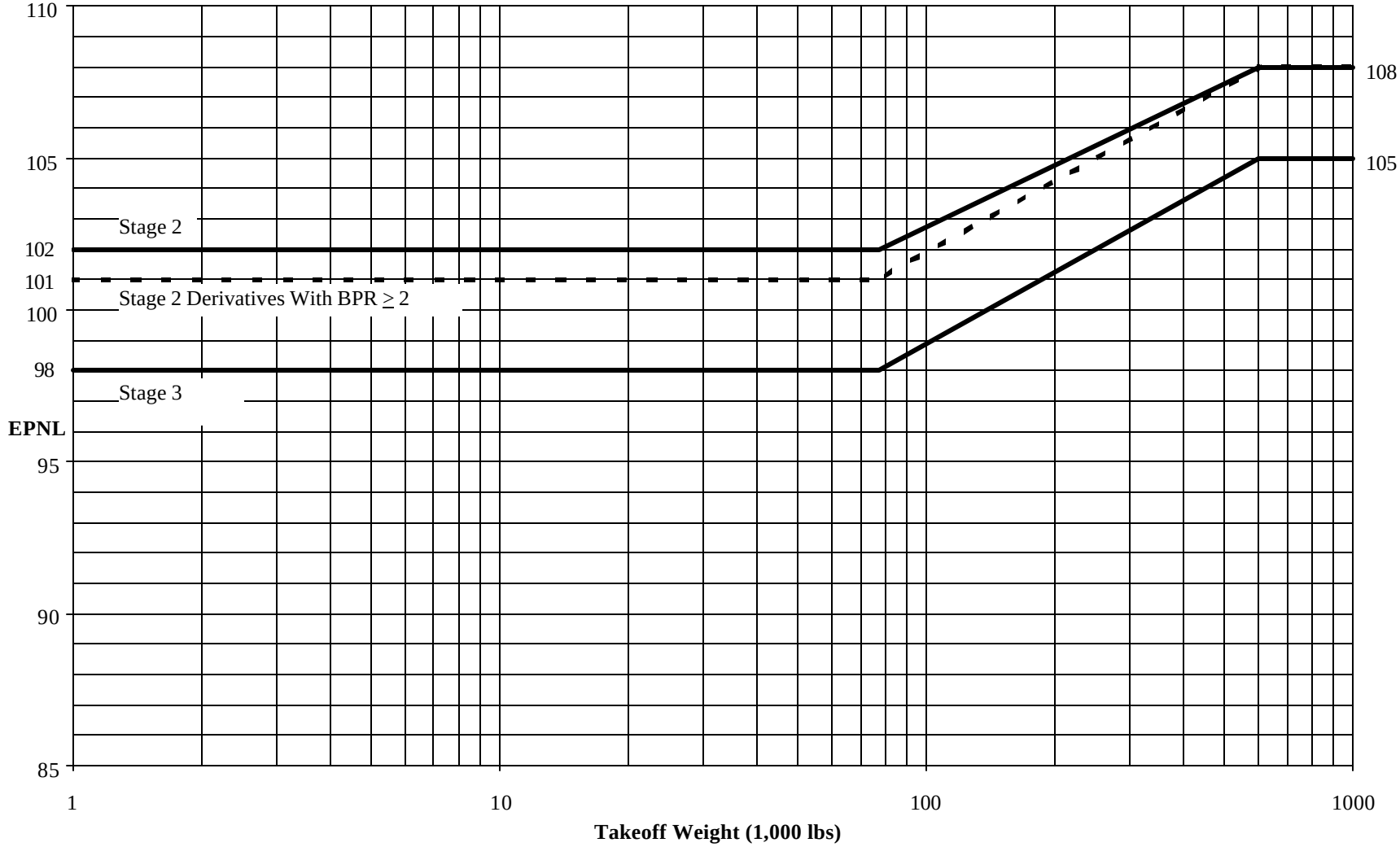
NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES

SIDELINE



NOISE CERTIFICATION REQUIREMENTS - JET AND TRANSPORT AIRPLANES

APPROACH



AIRCRAFT NOISE DATA FOR

FOREIGN CERTIFICATED TURBOJET POWERED AIRPLANES

		MTOW	MLW			THRUST		FLAPS		NOISE LEVEL (EPNdB)				
MANUFACTURER	MODEL	1000#	1000#	ENGINE MODEL	NO.	1000#	BPR	TO	AP	TO	SL	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	127.00	109.00	JT8D-9	2	14.2	1.10	5	45	96.6	98.2	105.9	2	
AEROSPATIALE	CARAVELLE 12	123.40	109.00	JT8D-9	2	14.2	1.10	5	45	95.3	98.3	105.9	2	
AEROSPATIALE	CARAVELLE 12	119.00	109.00	JT8D-9	2	14.2	1.10	5	45	94.0	98.4	105.9	2	
AIRBUS	A300B1	302.03	268.96	CF6-50C2R	2	50.4	4.30	0	25	90.8	97.4	102.9	3	
AIRBUS	A300B1	302.10	269.00	CF6-50A	2	48.4	4.60		25	87.9	90.7	101.1	2	
AIRBUS	A300B2 K3C	313.10	286.70	CF6-50C	2	50.4	4.30		25	87.0	92.6	101.7	2	
AIRBUS	A300B2-1A	302.10	281.10	CF6-50A	2	48.3	4.60		25	87.9	90.7	101.1	2	
AIRBUS	A300B2-1C	291.01	268.96	CF6-50C	2	50.4	4.30	0	25	89.9	97.5	102.9	3	
AIRBUS	A300B2-1C	313.05	286.70	CF6-50C	2	50.4	4.30	0	25	91.8	97.4	103.1	3	
AIRBUS	A300B2-202	313.00	287.00	CF6-50C1	2	51.7	4.60	0	25	89.3	93.5	102.0	3	
AIRBUS	A300B2-320	330.80	293.30	JT9D-59A	2	50.4	4.90	8	15	90.3	98.5	100.5	3	
AIRBUS	A300B4-102	347.30	294.80	CF6-50C1	2	51.7	4.60		25	90.1	93.3	101.9	2	
AIRBUS	A300B4-120	313.07	286.60	JT9D-59A	2			0	25	90.0	98.0	101.9	3	
AIRBUS	A300B4-120	363.78	295.43	JT9D-59A	2			0	25	93.5	97.6	103.2	3	2
AIRBUS	A300B4-120	347.24	295.43	JT9D-59A	2			0	25	92.2	97.7	103.2	3	2
AIRBUS	A300B4-120	363.78	299.84	JT9D-59A	2			0	25	93.6	97.5	102.3	3	
AIRBUS	A300B4-203	302.04	275.59	CF650.C2	2			0	25	89.9	98.3	102.4	3	
AIRBUS	A300B4-203	363.78	299.84	CF650.C2	2			0	25	93.9	97.9	102.9	3	

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
AIRBUS	A300B4-2C	330.80	293.30	CF6-50C	2	50.4	4.30		25	89.0	92.4	101.9	2	
AIRBUS	A300B4-2C	337.40	293.30	CF6-50C	2	50.4	4.30		25	89.6	92.4	101.9	2	
AIRBUS	A300B4-2C	347.30	293.30	CF6-50C	2	50.4	4.30		25	90.5	92.4	101.9	2	
AIRBUS	A300B42C-13	302.03	286.60	CF6-50C2R	2	50.4	4.30	0	25	89.8	96.9	102.4	3	
AIRBUS	A300B42C-13	347.22	299.83	CF6-50C2R	2	50.4	4.30	0	25	93.2	96.7	102.4	3	
AIRBUS	A300B4-620	330.69	288.80	JT9D-7R4H1	2	56.0	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	288.80	PW4158	2	57.8	4.70	0	40	88.0	98.0	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	A310-203	275.58	261.25	CF6-80A3	2	50.0	4.60	0	40	87.5	97.1	99.7	3	
AIRBUS	A310-203	305.56	267.86	CF6-80A3	2	50.0	4.60	0	40	90.2	96.8	99.9	3	
AIRBUS	A310-222	275.58	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	89.7	95.4	100.6	3	
AIRBUS	A320-111	132.28	130.07	CFM56-5A1	2	25.0	6.00	10	35	82.1	94.8	96.3	3	
AIRBUS	A320-111	169.75	147.71	CFM56-5A1	2	25.0	6.00	10	35	89.8	94.3	96.7	3	
ANTONOV	AN-124	864.20	727.50	D-18T	4	51.4	6.00	30	30	109.9	100.4	108.2	2	
ANTONOV	AN-124-100	864.20	727.51	D-18T	4	51.4	6.00	30	30	106.0	102.7	104.6	3	1
ANTONOV	AN-72-100	76.72	72.75	D-36	2	14.9	5.50	10	19	89.3	90.5	98.3	3	
ANTONOV	AN-74T	76.72	72.75	D-36	2	14.9	5.50	10	19	89.3	90.5	98.3	3	
ANTONOV	AN-74T-100	80.46	74.95	D-36	2	14.9	5.50	10	19	90.0	90.5	98.3	3	
BAe	1-11 475	92.00	84.00	SPEY 512-14DW	2	12.6	0.70	6	45	93.0	102.2	100.3	2	1
BAe	1-11 500	99.70	87.00	SPEY 512-14DW	2	12.6	0.70	6	45	95.3	101.6	100.0	2	1
BAe	1-11 500S	104.50	87.00	SPEY 512-14DW	2	12.6	0.70	6	45	97.0	101.0	100.0	2	1

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
BAe	1-11 510	92.50	86.00	SPEY 512-14E	2	12.0	0.70	8	45	93.3	101.7	101.7	2	1
BAe	146-100-20	82.25	73.35	ALF502R-3	4	6.7	5.90	18	33	83.1	86.9	95.2	3	
BAe	146-200-01	89.50	79.50	ALF502-5	4	7.0	5.70	18	33	84.9	87.3	95.6	3	
BAe	CONCORDE	400.00	245.00	OLYMPUS 610	4	38.5				119.5	112.0	117.0		
BAe	HS 125-1	20.00	18.10	VIPER 520	2	3.0	0.00	0	45	91.1	97.3	103.6	2	
BAe	HS 125-1B	21.20	19.55	VIPER 521	2	3.2	0.00	0	45	91.6	98.4	104.8	2	
BAe	HS 125-1B/522	21.20	19.55	VIPER 522	2	3.3	0.00	0	45	89.8	100.0	104.3	2	
BAe	HS 125-1B/R522	22.20	19.60	VIPER 522	2	3.3	0.00	0	45	90.5	100.0	104.4	2	
BAe	HS 125-3B	21.70	20.00	VIPER 522	2	3.3	0.00	0	45	90.6	100.0	104.4	2	
BAe	HS 125-3B/RA	22.80	20.00	VIPER 522	2	3.3	0.00	0	45	91.5	100.0	104.5	2	
BAe	HS 125-400B	23.30	20.00	VIPER 522	2	3.3	0.00	0	45	92.0	100.0	104.5	2	
BAe	HS 125-403B	23.60	20.00	VIPER 522	2	3.3	0.00	0	45	92.4	100.0	104.5	2	
BAe	HS 125-600B	25.50	22.00	VIPER 601-22	2	3.7	0.00	0	45	88.7	97.2	102.7	2	1
BAe	HS 125-600B	25.50	22.00	VIPER 601-22	2	3.7	0.00	0	45	93.4	101.1	101.9	2	
BAe	HS 125-600F	25.50	22.00	TFE 731-3-1H	2	3.7	2.70	0	45	88.0	89.3	96.0	3	
BAe	HS 125-700B	25.50	22.00	TFE 731-3-1H	2	3.7	2.70	0	45	88.0	89.3	96.0	3	
DASSAULT	FALCON 20H	32.00	27.60	ATF3-6A-4C	2	5.2	2.90	5	40	83.9	89.0	93.9	3	
FOKKER	614	44.10	44.10	M45H	2	6.9	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	231.48	D-30KU	4	24.3	2.40	30	30	106.9	95.2	103.5	2	
ILYUSHIN	IL-62M	368.16	235.89	D-30KU II	4	24.3	2.40	30	30	107.2	95.2	103.9	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	108.9	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
ILYUSHIN	IL-76TD	418.87	333.99	D-30KP II	4	26.5	2.21	30	30	107.3	102.7	108.9	2	
ILYUSHIN	IL-86	473.98	385.80	NK-86	4	28.7	1.30	30	40	109.2	104.2	105.1	2	
ILYUSHIN	IL-86	463.00	385.80	NK-86	4	28.7	1.30	30	40	107.4	104.2	105.1	2	
ILYUSHIN	IL-96-300	507.05	385.80	PS-90A	4	35.3	4.70	25	40	101.2	97.6	104.2	3	1
ILYUSHIN	IL-96-300	529.10	385.80	PS-90A	4	35.3	4.70	25	40	102.1	97.6	104.2	3	1
ILYUSHIN	IL-96T	595.24	485.01	PW2337	4	39.0	6.00	25	40	103.5	99.3	105.5	3	
TUPOLEV	TU-134	99.20	88.20	D-30-I	2	15.0	1.00	10	38	92.9	101.9	101.4	2	
TUPOLEV	TU-134A/B	103.62	94.79	D-30-II	2	15.0	1.00	10	38	95.3	101.9	102.1	2	
TUPOLEV	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-3/B-3	108.00	94.80	D-30-III	2	15.3	0.84	10	30	96.7	102.5	101.3	2	
TUPOLEV	TU-154	216.05	171.96	NK-8-2U	3	23.2	1.00	28	45	101.1	97.8	106.0	2	
TUPOLEV	TU-154	211.60	172.00	NK-8-2U	3	23.2	1.00	28	45	100.1	97.8	106.0	2	
TUPOLEV	TU-154M	220.50	176.40	D-30KU-154	3	24.3	2.40	28	45	94.3	98.0	102.5	2	
TUPOLEV	TU-154M	220.50	176.40	D-30KU-154	3	24.3	2.40	15	45	92.5	99.5	102.0	3	1
TUPOLEV	TU-204	208.55	194.44	PS-90A	2	35.3	4.70	18	37	86.2	95.1	100.0	3	1
TUPOLEV	TU-204-100	227.07	194.44	PS-90A	2	35.3	4.70	18	37	89.3	95.0	100.0	3	1
TUPOLEV	TU-204-120	227.07	194.44	RB211-535E4	2	40.1	4.30	18	37	87.5	96.4	94.4	3	
YAKOLEV	YAK-40	35.49	32.40	AI-25	3	3.3	2.00	20	35	88.7	85.5	99.3	3	
YAKOLEV	YAK-42	119.00	110.23	D-36	3	14.3	5.60	20	45	93.8	93.6	102.6	2	
YAKOLEV	YAK-42D	124.60	111.30	D-36	3	14.3	5.60	20	45	90.9	92.8	99.6	3	1

Appendix 2 Notes

1 Equipped With Standard Hushkit
2 Equipped With Modifications 3305 And 3373

*****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	2.50	2.68	15	35	80.4	85.4	89.5	3	*
AEROSPATIALE	SN601 CORVETTE	14.60	13.20	JT15D-4	2	2.50	2.68	15	35	74.0	81.0	90.0	3	
AIRBUS	A300 B4-605R	330.40	290.00	CF6-80C2A5F	2	61.50	5.00	0	40	87.4	98.8	99.5	3	
AIRBUS	A300 B4-605R	385.46	319.38	CF6-80C2A5F	2	61.50	5.00	0	40	91.5	98.5	100.0	3	
AIRBUS	A300B2-1C	291.00	268.00	CF6-50C2-R	2	50.40	4.40	0	25	89.9	97.5	102.9	3	
AIRBUS	A300B2-1C	313.00	286.60	CF6-50C2-R	2	50.40	4.40	0	25	91.8	97.4	103.1	3	
AIRBUS	A300B2-203	313.10	286.60	CF6-50-C2	2	51.80	4.30	16	25	91.1	97.9	103.1	3	
AIRBUS	A300B4-103	347.20	295.40	CF6-50-C2	2	51.80	4.30	16	25	93.6	97.7	103.0	3	
AIRBUS	A300B4-203	313.05	286.60	CF6-50C2	2	51.80	4.30	0	25	90.5	97.3	102.4	3	31
AIRBUS	A300B4-203	363.70	299.83	CF6-50-C2	2	51.80	4.30	0	25	94.0	96.9	102.4	3	31
AIRBUS	A300B4-622R	330.00	275.00	PW-4158	2	58.00	4.85	0	40	88.0	98.3	101.3	3	
AIRBUS	A300B4-622R	385.00	304.50	PW-4158	2	58.00	4.85	0	40	93.1	97.9	101.9	3	
AIRBUS	A310-221	305.60	267.90	JT9D-7R4D1	2	48.00	4.50	15	40	90.5	94.8	100.6	3	
AIRBUS	A310-304	275.58	261.25	CF6-80C2A2	2	53.50	5.00	0	40	85.7	96.5	98.5	3	
AIRBUS	A310-304	352.74	286.60	CF6-80C2A2	2	53.50	5.00	0	40	92.9	96.1	98.8	3	
AIRBUS	A310-324	330.69	271.16	PW-4152	2	52.00	4.85	15	40	90.6	97.2	100.2	3	
AIRBUS	A319-112	123.45	121.25	CFM56-5B6/P	2	23.50	6.00	10	40	78.5	93.2	93.7	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	A319-112	166.44	149.91	CFM56-5B6/P	2	23.50	6.00	10	40	86.3	92.0	94.4	3	
AIRBUS	A319-113	123.46	121.25	CFM56-5A4	2	22.00	6.00	10	40	80.1	93.9	94.0	3	
AIRBUS	A319-113	158.73	149.91	CFM56-5A4	2	22.00	6.00	10	40	87.5	93.1	94.8	3	
AIRBUS	A319-114	123.45	121.25	CFM56-5A5	2	23.50	6.00	10	40	79.5	94.9	94.0	3	
AIRBUS	A319-114	163.14	149.91	CFM56-5A5	2	23.50	6.00	10	40	86.8	94.2	94.8	3	
AIRBUS	A319-131	123.46	121.25	V2522-A5	2	22.00	4.90	10	40	79.2	92.5	94.0	3	
AIRBUS	A319-131	158.73	149.91	V2522-A5	2	22.00	4.90	10	40	85.3	91.4	94.5	3	
AIRBUS	A320-211	162.00	142.20	CFM56-5A1	2	25.00	6.00	10	35	87.8	94.3	96.4	3	
AIRBUS	A320-211	149.90	142.20	CFM56-5A1	2	25.00	6.00	10	35	85.3	94.4	96.4	3	
AIRBUS	A320-214	132.16	127.80	CFM56-5B4/P	2	27.00	5.90	10	35	78.8	95.2	95.5	3	
AIRBUS	A320-214	182.80	150.00	CFM56-5B4/P	2	27.00	5.90	10	35	88.0	93.7	95.8	3	
AIRBUS	A320-231	149.90	142.20	V2500.A1	2	25.00	6.00	10	40	84.0	93.0	96.6	3	
AIRBUS	A320-231	162.00	142.20	V2500.A1	2	25.00	6.00	10	40	86.6	92.8	96.6	3	
AIRBUS	A321-211	165.34	143.29	CFM56-5B3/P; Mod. No. 27772	2	32.00	5.60		25	82.9	97.9	95.6	3	
AIRBUS	A321-211	205.02	171.51	CFM56-5B3/P; Mod. No. 27772	2	32.00	5.60		25	89.8	97.5	96.6	3	
AIRBUS	A321-231	165.34	143.29	V2533A5	2	33.00	4.46		25	81.8	95.6	95.1	3	
AIRBUS	A321-231	205.02	171.51	V2533A5	2	33.00	4.46		25	88.2	95.2	95.8	3	
AIRBUS	A330-301	396.83	361.56	CF6-80E1A2	2	65.80	5.05	14	32	87.0	97.9	98.5	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	A330-301	507.06	418.88	CF6-80E1A2	2	65.80	5.05	14	32	94.2	97.2	98.7	3	
AIRBUS	A330-321	396.83	330.69	PW4164	2	64.00	4.85	8	32	88.5	98.0	97.3	3	
AIRBUS	A330-321	507.06	418.88	PW4164	2	64.00	4.85	8	32	95.6	97.5	98.0	3	
AIRBUS	A330-322	396.83	330.69	PW4168	2	68.00	4.85	8	32	87.6	98.6	97.3	3	
AIRBUS	A330-322	507.06	418.88	PW4168	2	68.00	4.85	8	32	94.3	98.3	98.0	3	
AIRBUS	A340-212	485.01	363.76	CFM56-5C3	4	32.50	6.60	17	32	88.1	95.8	97.3	3	
AIRBUS	A340-212	595.25	440.92	CFM56-5C3	4	32.50	6.60	17	32	96.1	95.4	97.2	3	
AIRBUS	A340-312	485.02	363.76	CFM56-5C3	4	32.50	6.60	17	32	88.0	95.8	97.3	3	
AIRBUS	A340-312	595.24	440.92	CFM56-5C3	4	32.50	6.60	17	32	96.2	95.3	97.2	3	
AIRBUS UK	1-11 400 (QTV STC: ST02167AT)	81.90	78.00	SPEY511-14/14W	2	11.40	0.70		26	90.0	96.2	93.8	3	
BAE SYSTEMS (AVRO)	146-RJ 100	95.00	83.00	LF 507-1F	4	7.00	5.10	18	33	83.8	88.3	97.2	3	
BAE SYSTEMS (AVRO)	146-RJ 100	101.50	88.50	LF 507-1F	4	7.00	5.10	18	33	86.1	88.1	97.6	3	
BAE SYSTEMS (AVRO)	146-RJ 70	84.00	83.50	LF 507-1F	4	7.00	5.10	18	33	80.2	89.1	97.5	3	4
BAE SYSTEMS (AVRO)	146-RJ 70	84.00	83.50	LF 507-1F	4	6.13	5.10	18	33	81.9	87.2	97.5	3	
BAE SYSTEMS (AVRO)	146-RJ 70	90.00	83.50	LF 507-1F	4	6.13	5.10	18	33	84.1	86.9	97.5	3	
BAE SYSTEMS (AVRO)	146-RJ 70	95.00	83.50	LF 507-1F	4	7.00	5.10	18	33	83.6	88.6	97.5	3	4
BAE SYSTEMS (AVRO)	146-RJ 85	89.50	77.50	LF 507-1F	4	7.00	5.10	18	33	81.9	88.7	96.9	3	
BAE SYSTEMS (AVRO)	146-RJ 85	97.00	85.00	LF 507-1F	4	7.00	5.10	18	33	84.3	88.4	97.3	3	

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
BAE SYSTEMS (BAe)	146-100A	76.00	72.35	ALF502R-3	4	6.70	5.90	18	33	80.7	87.2	95.1	3	
BAE SYSTEMS (BAe)	146-100A	76.00	72.35	ALF502R-3A	4	6.70	5.90	18	33	79.0	88.0	94.9	3	
BAE SYSTEMS (BAe)	146-100A	82.25	73.35	ALF502R-3A	4	6.70	5.90	18	33	82.3	87.6	95.2	3	
BAE SYSTEMS (BAe)	146-100A	82.25	73.35	ALF502R-5	4	6.97	5.70	18	33	82.3	87.6	95.2	3	
BAE SYSTEMS (BAe)	146-100A	84.00	77.50	ALF502R-5	4	6.97	5.70	18	33	81.8	87.7	95.6	3	
BAE SYSTEMS (BAe)	146-200A	89.50	77.50	ALF502R-3	4	6.97	5.90	18	33	85.9	86.6	95.6	3	
BAE SYSTEMS (BAe)	146-200A	89.50	77.50	ALF502R-3A	4	6.70	5.90	18	33	84.9	87.3	95.6	3	
BAE SYSTEMS (BAe)	146-200A	89.50	77.50	ALF502R-5	4	6.97	5.70	18	33	84.9	87.3	95.6	3	
BAE SYSTEMS (BAe)	146-200A	93.00	81.00	ALF502R-5	4	6.97	5.70	18	33	85.2	87.3	95.8	3	
BAE SYSTEMS (BAe)	146-300	95.00	83.00	LF 507-1H/-1F	4	7.00	5.10	18	33	84.0	87.9	97.2	3	
BAE SYSTEMS (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 SYSTEMS (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 SYSTEMS (BAe)	146-300A	97.50	84.50	ALF502R-5	4	6.97	5.70	18	33	86.5	86.7	95.6	3	
BEECH	BEECHJET 400	15.78	14.22	JT15D-5	2	2.90	2.10	10	30	88.6	93.7	91.4	3	*
BOEING	B-707-100B (BAC II STC: ST00956LA)	200.00	160.00	JT3D-1	4	17.00	1.40	20	30	95.5	99.5	101.1	3	12
BOEING	B-707-300B/C (QSI STC: ST00702LA)	215.00	190.00	JT3D-3B	4	18.00	1.40	14	25	96.2	99.6	101.4	3	12
BOEING	B-707-300B/C (QSI STC: ST00702LA)	336.00	247.00	JT3D-3B	4	18.00	1.40	14	25	99.5	98.2	102.9	3	12
BOEING	B-707-300B/C (QSI STC: ST00702LA)	336.00	247.00	JT3D-7	4	19.00	1.40	14	25	98.5	99.3	102.7	3	12

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-717-200	104.50	98.00	BR700-715A1-30	2	18.50	4.66	5	40	79.6	89.2	91.3	3	48
BOEING	B-717-200	104.50	98.00	BR700-715A1-30 (MP)	2	18.50	4.66	5	40	80.1	89.2	91.3	3	49
BOEING	B-717-200	104.50	98.00	BR700-715C1-30	2	21.00	4.66	5	40	78.1	91.7	91.3	3	48
BOEING	B-717-200	104.50	98.00	BR700-715C1-30 (MP)	2	21.00	4.66	5	40	78.7	91.7	91.3	3	49
BOEING	B-717-200	121.00	110.00	BR700-715A1-30	2	18.00	4.66	5	40	84.0	89.0	91.6	3	48
BOEING	B-717-200	121.00	110.00	BR700-715A1-30 (MP)	2	18.50	4.66	5	40	84.1	89.0	92.1	3	49
BOEING	B-717-200	121.00	110.00	BR700-715C1-30	2	21.00	4.66	5	40	82.1	91.5	91.6	3	48
BOEING	B-717-200	121.00	110.00	BR700-715C1-30 (MP)	2	21.00	4.66	5	40	82.2	91.5	92.1	3	49
BOEING	B-727-100 (Dee Howard)	169.50	137.50	TAY 651-54	3	15.40		5	40	92.1	92.3	98.4	3	
BOEING	B-727-100 (Dee Howard)	169.50	142.50	TAY 651-54	3	15.40		5	30	92.1	92.3	95.3	3	
BOEING	B727-100 (DUGAN AIR STC)	160.50	142.50	JT8D-7	3	14.00	1.40	4	26	93.5	98.6	97.2	3	
BOEING	B727-100 (FED EX; STC SA3993NM)	160.50	137.50	JT8D-7 w/BOEING INLET+CHIN CSD	3	14.00	1.40	5	30	92.5	96.6	97.8	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	163.50	137.50	JT8D-7 w/BOEING INLET+FAN CSD	3	14.00	1.40	5	30	93.2	97.4	97.8	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	137.50	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.50	1.03	5	30	93.9	97.5	98.1	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-7 w/BOEING INLET+FAN CSD	3	14.00	1.40	5	30	94.5	97.2	98.0	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+ FAN CSD	3	14.00	1.40	5	30	94.1	97.2	98.2	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+CHIN CSD	3	14.00	1.40	5	30	94.1	96.6	98.2	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	174.50	142.50	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.50	1.03	5	30	94.1	97.2	98.9	3	35

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	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-9 w/BOEING INLET+FAN CSD	3	14.50	1.03	5	30	93.9	98.0	98.4	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	160.50	142.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.50	1.03	5	30	91.7	97.6	98.8	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	174.50	142.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.50	1.03	5	30	94.9	97.1	98.8	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	175.50	154.50	JT8D-7 w/BOEING INLET+CHIN CSD	3	14.00	1.40	5	30	96.6	96.9	99.1	3	35
BOEING	B727-100 (FED EX; STC SA3993NM)	175.50	154.50	JT8D-7 w/BURBANK INLET+CHIN CSD	3	14.00	1.40	5	30	96.3	96.0	99.1	3	35
BOEING	B727-100 RE (ROHR STC SA4363NM)	160.50	142.50	JT8D-217C/JT8D-9	3			5	30	87.0	98.2	95.4	3	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-217C/JT8D-9	3			5	30	89.4	98.0	95.4	3	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	169.50	142.50	JT8D-219/JT8D-7B	3			5	30	88.1	98.8	95.4	3	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-219/JT8D-7B	3			5	30	89.0	98.8	95.4	3	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	169.50	142.50	JT8D-219/JT8D-9	3			5	30	88.0	98.9	95.4	3	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-219/JT8D-9	3			5	30	88.8	98.8	95.4	3	23
BOEING	B727-200 (DUGAN AIR STC)	190.50	164.00	JT8D-15	3	15.50	1.03	4	26	94.9	99.2	97.0	3	
BOEING	B727-200 (DUGAN AIR STC)	209.41	164.00	JT8D-15	3	15.50	1.03	4	26	97.0	99.5	97.0	3	
BOEING	B727-200 (DUGAN AIR STC)	190.50	164.00	JT8D-9	3	14.50	1.03	4	26	95.0	98.3	97.0	3	
BOEING	B727-200 (FED EX; STC SA4833NM)	172.50	148.00	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.50	1.03	5	30	94.6	97.2	100.1	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	172.50	150.00	JT8D-7 w/BOEING INLET+CHIN CSD	3	14.00	1.40	5	30	95.9	96.3	99.0	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	172.50	150.00	JT8D-7 w/BOEING INLET+FAN CSD	3	14.00	1.40	5	30	95.9	97.0	99.0	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	172.50	150.00	JT8D-7 w/BURBANK INLET+ FAN CSD	3	14.00	1.40	5	30	95.6	96.5	98.9	3	35

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	B727-200 (FED EX; STC SA4833NM)	172.50	150.00	JT8D-7 w/BURBANK INLET+CHIN CSD	3	14.00	1.40	5	30	95.6	95.8	98.9	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	169.50	150.00	JT8D-9 w/BURBANK INLET+ FAN CSD	3	14.50	1.03	5	30	94.1	97.8	100.2	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-7 w/BOEING INLET+CHIN CSD	3	14.00	1.40	5	30	95.2	97.3	99.0	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-7 w/BOEING INLET+FAN CSD	3	14.00	1.40	5	30	95.2	97.9	99.0	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.50	1.03	5	30	94.7	97.7	99.7	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BOEING INLET+FAN CSD	3	14.50	1.03	5	30	94.7	98.2	99.7	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BURBANK INLET+ FAN CSD	3	14.50	1.03	5	30	94.1	98.0	100.3	3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.50	1.03	5	30	94.1	97.5	100.3	3	35
BOEING	B727-200 (FED EX; STC SA5839NM)	155.00	150.00	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.50	1.03	5	30	89.2	97.9	97.4	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	155.00	150.00	JT8D-9 w/BOEING INLET+FAN CSD	3	14.50	1.03	5	30	89.2	98.4	97.4	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	155.00	150.00	JT8D-9 w/BURBANK INLET+ FAN CSD	3	14.50	1.03	5	30	88.5	98.1	98.0	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	155.00	150.00	JT8D-9 w/BURBANK INLET+CHIN CSD	3	14.50	1.03	5	30	88.5	97.6	98.0	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	160.00	154.50	JT8D-15 w/BOEING INLET+CHIN CSD	3	15.50	1.03	5	30	92.2	98.0	97.6	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	160.00	154.50	JT8D-15 w/BOEING INLET+FAN CSD	3	15.50	1.03	5	30	92.2	98.2	97.6	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	178.90	154.50	JT8D-15 w/BURBANK INLET+ FAN CSD	3	15.50	1.03	5	30	94.3	97.3	98.2	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	184.20	154.50	JT8D-17 w/BOEING INLET+CHIN OR FAN CSD	3	16.00	1.01	5	30	95.3	98.8	97.6	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	184.20	154.50	JT8D-17 w/BURBANK INLET+CHIN OR FAN CSD	3	16.00	1.01	5	30	94.8	98.6	98.2	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	190.50	154.50	JT8D-17R w/BOEING INLET+CHIN OR FAN CSD	3	17.40	0.97	5	30	96.4	99.2	97.6	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	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
BOEING	B727-200 (FED EX; STC SA5839NM)	197.00	154.50	JT8D-17R w/BOEING INLET+CHIN OR FAN CSD	3	17.40	0.97	5	30	96.0	99.4	97.6	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	184.50	154.50	JT8D-17R w/BURBANK INLET+CHIN OR FAN CSD	3	17.40	0.97	5	30	94.8	99.1	98.2	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	197.50	161.00	JT8D-17R w/BURBANK INLET+CHIN OR FAN CSD	3	17.40	0.97	5	30	96.9	98.8	98.4	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+CHIN CSD	3	15.50	1.03	5	30	97.6	98.0	98.1	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+FAN CSD	3	15.50	1.03	5	30	97.6	98.2	98.1	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	203.10	166.00	JT8D-17 w/BOEING INLET+CHIN OR FAN CSD	3	16.00	1.01	5	30	96.8	99.1	98.0	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	196.00	166.00	JT8D-9 w/BOEING INLET+CHIN CSD	3	14.50	1.03	5	30	97.5	96.1	98.0	3	27
BOEING	B727-200 (FED EX; STC SA5839NM)	196.00	166.00	JT8D-9 w/BOEING INLET+FAN CSD	3	14.50	1.03	5	30	97.5	96.6	98.0	3	27
BOEING	B727-200 (RAISBECK STC ST00399SE)	166.40	153.30	JT8D-9	3	14.50	1.03	5	25	96.5	97.9	97.6	3	17,34,43
BOEING	B727-200 (RAISBECK STC ST00555SE)	179.70	166.00	JT8D-9	3	14.50	1.03	5	30	97.0	97.6	97.2	3	34,44
BOEING	B727-200 (RAISBECK STC ST00685SE)	193.00	161.00	JT8D-15	3	15.50	1.03	5	30	97.4	96.5	99.9	3	45
BOEING	B-727-200 RE (ROHR STC SA4363NM)	190.50	152.50	JT8D-219/JT8D-9	3			5	30	90.9	99.2	98.8	3	23,60
BOEING	B-727-200 RE (ROHR STC SA4363NM)	184.00	156.00	JT8D-217C/JT8D-15	3			5	30	89.8	99.2	98.9	3	23,61
BOEING	B-727-200 RE (ROHR STC SA4363NM)	184.00	156.00	JT8D-217C/JT8D-9	3			5	30	90.2	98.4	98.9	3	23,60
BOEING	B-727-200 RE (ROHR STC SA4363NM)	190.50	159.00	JT8D-217C/JT8D-17	3			5	30	91.2	99.3	99.0	3	23,62
BOEING	B-727-200 RE (ROHR STC SA4363NM)	209.50	162.00	JT8D-217C/JT8D-17	3			5	30	95.2	99.2	99.0	3	23,62
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.50	162.00	JT8D-217C/JT8D-9	3			5	30	93.7	98.2	99.0	3	23,60
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-15	3			5	30	92.7	99.4	99.0	3	7,23,64

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-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-9	3			5	30	93.0	99.1	99.0	3	23,60
BOEING	B-727-200 RE (ROHR STC SA4363NM)	209.42	164.00	JT8D-217C/JT8D-15	3			5	30	95.3	98.8	99.1	3	23,61
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	88.00	JT8D-17	2	16.00	1.01	1	40	91.4	97.5	96.7	3	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.80	95.00	JT8D-15	2	15.50	1.03	1	40	83.7	96.8	97.2	3	27,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.80	95.00	JT8D-9	2	14.50	1.03	1	40	85.2	95.5	97.2	3	27,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.50	98.00	JT8D-15	2	15.50	1.03	1	40	84.9	96.9	98.6	3	35,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	100.50	98.00	JT8D-9	2	14.50	1.03	1	40	86.3	95.7	98.6	3	35,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.50	107.00	JT8D-15	2	15.50	1.03	1	30	91.3	96.9	96.3	3	35,42
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	2	16.00	1.01	1	30	91.4	97.5	94.8	3	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	118.50	107.00	JT8D-9	2	14.50	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	14.50	1.03	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	15.50	1.03	1	30	91.1	97.0	95.8	3	37
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW-L HUSHKIT	2	15.50	1.03	1	30	90.2	96.8	95.8	3	37
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	110.20	98.00	JT8D-9	2	14.50	1.03	1	40	87.3	94.7	98.2	3	27,41
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	105.60	103.00	JT8D-15	2	15.50	1.03	1	40	84.6	96.3	98.4	3	27,42
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	115.50	103.00	JT8D-17	2	16.00	1.01	1	40	86.8	97.0	98.4	3	27
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	124.50	107.00	JT8D-9	2	14.50	1.03	1	40	91.9	94.4	98.6	3	27,41
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	100.50	95.00	JT8D-9 w/LGW HUSHKIT	2	14.50	1.03	1	30	86.1	96.7	96.2	3	36

*****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-737-200 ADV (NORDAM; STC ST00131SE)	109.00	98.00	JT8D-7 w/LGW-N HUSHKIT	2	14.00	1.40	1	30	89.2	96.3	96.2	3	40
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	100.50	98.00	JT8D-9 w/LGW-N HUSHKIT	2	14.50	1.03	1	30	86.1	96.9	96.2	3	36
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	100.50	99.00	JT8D-9 w/LGW-L HUSHKIT	2	14.50	1.03	1	30	86.9	96.5	95.8	3	36
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	121.60	107.00	JT8D-15 w/LGW HUSHKIT	2	15.50	1.03	1	30	91.7	96.7	95.9	3	37
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	118.70	107.00	JT8D-9 w/LGW HUSHKIT	2	14.50	1.03	1	30	91.6	96.1	95.9	3	36
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	122.90	107.00	JT8D-9 w/LGW-L HUSHKIT	2	14.50	1.03	1	30	91.8	96.0	95.9	3	36
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	118.50	107.00	JT8D-9 w/LGW-N HUSHKIT	2	14.50	1.03	1	30	91.6	96.5	96.2	3	36
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	100.80	95.00	JT8D-15	2	15.50	1.03	1	40	83.7	96.9	96.9	3	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	100.80	95.00	JT8D-9	2	14.50	1.03	1	40	85.3	95.7	96.9	3	27,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	100.50	98.00	JT8D-9	2	14.50	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	15.50	1.03	1	30	91.8	96.7	96.3	3	35,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	2	16.00	1.01	1	30	91.2	97.7	94.8	3	27
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	2	14.50	1.03	1	40	91.5	95.0	97.7	3	27,41
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	20.00	5.00	1	40	82.4	89.7	98.5	3	
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	22.00	5.00	1	40	81.6	91.2	98.5	3	
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	22.00	5.00	1	40	81.6	91.2	97.4	3	38
BOEING	B-737-300	124.50	110.00	CFM56-3 w/HWFAP	2	20.00	5.00	1	40	82.4	89.7	97.4	3	38
BOEING	B-737-300	124.50	110.00	CFM56-3-B1	2	20.00	5.00	1	40	84.4	90.4	99.6	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-737-300	124.50	110.00	CFM56-3B-2	2	22.00	4.90	1	40	82.8	92.2	99.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	22.00	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	20.00	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	20.00	5.00	1	40	85.2	89.2	98.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	2	22.00	5.00	1	40	83.9	90.9	98.6	3	
BOEING	B-737-300	139.50	121.00	CFM56-3-B1	2	20.00	5.00	1	40	87.5	89.9	100.1	3	
BOEING	B-737-300	139.50	121.00	CFM56-3B-2	2	22.00	4.90	1	40	85.7	91.9	100.1	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	83.8	89.8	97.7	3	38
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	22.00	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	22.00	5.00	5	40	82.8	91.2	98.6	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	83.8	89.8	98.6	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	23.50	5.00	5	40	82.4	92.1	98.6	3	
BOEING	B-737-400	130.00	121.00	CFM56-3 w/HWFAP	2	23.50	5.00	5	40	82.4	92.1	97.7	3	38
BOEING	B-737-400	138.50	121.00	CFM56-3-B1	2	20.00	5.00	5	40	87.2	90.0	100.2	3	
BOEING	B-737-400	142.50	121.00	CFM56-3-B1	2	20.00	5.00	5	40	88.9	89.6	100.2	3	
BOEING	B-737-400	138.50	121.00	CFM56-3B-2	2	22.00	4.90	5	40	85.7	92.1	100.2	3	
BOEING	B-737-400	138.50	121.00	CFM56-3C-1	2	23.50	5.00	5	40	85.0	93.2	100.2	3	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	23.50	5.00	5	40	85.9	91.8	97.7	3	38

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-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	22.00	5.00	5	40	86.3	90.7	98.6	3	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	22.00	5.00	5	40	86.3	90.7	97.7	3	38
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	2	20.00	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	20.00	5.00	5	40	86.9	88.9	98.6	3	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	2	23.50	5.00	5	40	85.9	91.8	98.6	3	
BOEING	B-737-400	150.00	124.00	CFM56-3B-2	2	22.00	4.90	5	40	87.7	91.7	100.2	3	
BOEING	B-737-400	150.00	124.00	CFM56-3C-1	2	23.50	4.90	5	40	87.1	93.1	100.2	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	18.50	5.00	5	40	81.0	89.3	97.2	3	38
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	18.50	5.00	5	40	81.0	89.3	98.4	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	80.4	90.2	98.4	3	
BOEING	B-737-500	108.00	105.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	80.4	90.2	97.2	3	38
BOEING	B-737-500	115.50	105.00	CFM56-3-B1	2	20.00	5.00	5	40	82.7	90.8	99.4	3	
BOEING	B-737-500	115.50	105.00	CFM56-3-B1(R)	2	18.50	5.00	5	40	83.6	89.9	99.4	3	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	85.4	88.2	98.7	3	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	85.4	89.2	97.6	3	38
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	2	20.00	5.00	5	40	85.4	89.2	98.7	3	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	2	18.50	5.00	5	40	85.4	88.2	97.6	3	38
BOEING	B-737-500	139.00	114.00	CFM56-3-B1	2	20.00	5.00	5	40	87.3	90.0	100.0	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-737-500	132.80	114.00	CFM56-3-B1(R)	2	18.50	5.00	5	40	87.7	88.9	100.0	3	
BOEING	B-737-600	143.50	120.50	CFM56-7B/2 DAC (B18 derate)	2	19.50	5.60	1	40	85.2	88.7	95.8	3	50
BOEING	B-737-600	124.00	120.50	CFM56-7B/2 DAC (B18 derate)	2	19.50	5.60	1	40	82.0	89.7	95.8	3	50
BOEING	B-737-600	143.50	120.50	CFM56-7B18	2	19.50	5.60	1	40	85.7	89.3	95.5	3	
BOEING	B-737-600	124.00	120.50	CFM56-7B18	2	19.50	5.60	1	40	82.6	90.3	95.5	3	
BOEING	B-737-600	124.00	120.50	CFM56-7B20	2	20.60	5.60	1	40	81.9	91.3	95.5	3	
BOEING	B-737-600	143.50	120.50	CFM56-7B20	2	20.60	5.60	1	40	85.4	90.7	95.5	3	
BOEING	B-737-600	143.50	120.50	CFM56-7B20/2 DAC	2	20.60	5.60	1	40	84.9	90.0	95.8	3	50
BOEING	B-737-600	124.00	120.50	CFM56-7B20/2 DAC	2	20.60	5.60	1	40	81.3	90.7	95.8	3	50
BOEING	B-737-600	143.50	120.50	CFM56-7B22	2	22.70	5.40	1	40	84.4	92.3	95.5	3	
BOEING	B-737-600	124.00	120.50	CFM56-7B22	2	22.70	5.40	1	40	80.9	92.9	95.5	3	
BOEING	B-737-600	124.00	120.50	CFM56-7B22/2 DAC	2	22.70	5.40	1	40	80.2	92.2	95.8	3	50
BOEING	B-737-600	143.50	120.50	CFM56-7B22/2 DAC	2	22.70	5.40	1	40	83.7	91.6	95.8	3	50
BOEING	B-737-700	133.00	128.00	CFM56-7B20	2	20.60	5.60	1	40	83.8	90.9	95.8	3	
BOEING	B-737-700	133.00	128.00	CFM56-7B20/2 DAC	2	20.60	5.60	1	40	83.0	90.3	96.1	3	50
BOEING	B-737-700	133.00	128.00	CFM56-7B22	2	22.70	5.40	1	40	82.6	92.5	95.8	3	
BOEING	B-737-700	133.00	128.00	CFM56-7B22/2 DAC	2	22.70	5.40	1	40	81.8	91.8	96.1	3	50
BOEING	B-737-700	133.00	128.00	CFM56-7B24	2	24.20	5.30	1	40	82.1	93.6	95.8	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-737-700	133.00	128.00	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	81.1	93.0	96.1	3	50
BOEING	B-737-700	133.00	128.00	CFM56-7B26	2	26.30	5.10	1	40	81.4	95.4	95.8	3	
BOEING	B-737-700	133.00	128.00	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	80.3	94.7	96.1	3	50
BOEING	B-737-700	154.50	129.20	CFM56-7B20	2	20.60	5.60	1	40	87.1	89.8	95.9	3	
BOEING	B-737-700	154.50	129.20	CFM56-7B20/2 DAC	2	20.60	5.60	1	40	86.4	89.2	96.2	3	50
BOEING	B-737-700	154.50	129.20	CFM56-7B22	2	22.70	5.40	1	40	86.3	91.9	95.9	3	
BOEING	B-737-700	154.50	129.20	CFM56-7B22/2 DAC	2	22.70	5.40	1	40	85.6	91.2	96.2	3	50
BOEING	B-737-700	154.50	129.20	CFM56-7B24	2	24.20	5.30	1	40	85.9	93.0	95.9	3	
BOEING	B-737-700	154.50	129.20	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	84.7	92.3	96.2	3	50
BOEING	B-737-700	154.50	129.20	CFM56-7B26	2	26.30	5.10	1	40	84.6	94.7	95.9	3	
BOEING	B-737-700	154.50	129.20	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	83.8	94.0	96.2	3	50
BOEING	B-737-700 IGW/-700C	159.00	134.00	CFM56-7B24	2	24.20	5.30	1	40	86.6	92.9	96.1	3	51
BOEING	B-737-700 IGW/-700C	171.00	134.00	CFM56-7B24	2	24.20	5.30	1	40	88.6	92.5	96.1	3	51
BOEING	B-737-700 IGW/-700C/BBJ	159.00	134.00	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	85.2	94.6	96.1	3	51
BOEING	B-737-700 IGW/-700C/BBJ	171.00	134.00	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	87.1	94.3	96.1	3	51
BOEING	B-737-700 IGW/BBJ	171.00	134.00	CFM56-7B27/B3	2	27.30	5.10	1	40	86.6	95.2	96.1	3	51
BOEING	B-737-700 IGW/BBJ	159.00	134.00	CFM56-7B27/B3	2	27.30	5.10	1	40	84.8	95.5	96.1	3	51
BOEING	B-737-800	155.50	144.00	CFM56-7B24	2	24.20	5.30	1	40	85.5	92.5	96.4	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	SL	AP	STAGE	NOTES
BOEING	B-737-800	155.50	144.00	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	84.7	91.8	96.7	3	50
BOEING	B-737-800	155.50	144.00	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	83.7	93.5	96.7	3	50
BOEING	B-737-800	155.50	144.00	CFM56-7B27/2 DAC	2	27.30	5.10	1	40	83.2	94.4	96.7	3	50
BOEING	B-737-800	155.50	144.00	CFM56-7B27/2B1 DAC	2	27.30	5.10	1	40	83.1	94.7	96.7	3	50
BOEING	B-737-800	174.20	146.30	CFM56-7B24	2	24.20	5.30	1	40	88.6	92.1	96.5	3	
BOEING	B-737-800	174.20	146.30	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	87.8	91.4	96.8	3	50
BOEING	B-737-800	174.20	146.30	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	86.7	93.1	96.8	3	50
BOEING	B-737-800	174.20	146.30	CFM56-7B27/2 DAC	2	27.30	5.10	1	40	86.1	93.9	96.8	3	50
BOEING	B-737-800	174.20	146.30	CFM56-7B27/2B1 DAC	2	27.30	5.10	1	40	85.9	94.3	96.8	3	50
BOEING	B-737-800/BBJ 2	155.50	144.00	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	84.4	94.2	96.4	3	
BOEING	B-737-800/BBJ 2	155.50	144.00	CFM56-7B27/B1; -7B27/B2	2	27.30	5.10	1	40	84.0	95.5	96.4	3	
BOEING	B-737-800/BBJ 2	155.50	144.00	CFM56-7B27; -7B27/B3	2	27.30	5.10	1	40	84.1	95.2	96.4	3	
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	87.4	93.8	96.5	3	
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B27/B1; -7B27/B2	2	27.30	5.10	1	40	86.8	95.0	96.5	3	
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B27; -7B27/B3	2	27.30	5.10	1	40	87.0	94.7	96.5	3	
BOEING	B-737-800W	155.50	144.00	CFM56-7B24	2	24.20	5.30	1	40	84.5	92.5	96.3	3	52
BOEING	B-737-800W	155.50	144.00	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	83.8	91.8	96.5	3	50,52
BOEING	B-737-800W	155.50	144.00	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	82.7	93.5	96.5	3	50,52

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-737-800W	155.50	144.00	CFM56-7B27/2 DAC	2	27.30	5.10	1	40	82.3	94.4	96.5	3	50,52
BOEING	B-737-800W	155.50	144.00	CFM56-7B27/2B1 DAC	2	27.30	5.10	1	40	82.2	94.7	96.5	3	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B24	2	24.20	5.30	1	40	87.5	92.1	96.3	3	52
BOEING	B-737-800W	174.20	146.30	CFM56-7B24/2 DAC	2	24.20	5.30	1	40	86.9	91.4	96.6	3	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B26/2 DAC	2	26.30	5.10	1	40	85.6	93.1	96.6	3	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B27/2 DAC	2	27.30	5.10	1	40	85.1	93.9	96.6	3	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B27/2B1 DAC	2	27.30	5.10	1	40	85.0	94.3	96.6	3	50,52
BOEING	B-737-800W/BBJ 2	155.50	144.00	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	83.5	94.2	96.3	3	52
BOEING	B-737-800W/BBJ 2	155.50	144.00	CFM56-7B27/B1; -7B27/B2	2	27.30	5.10	1	40	83.0	95.5	96.3	3	52
BOEING	B-737-800W/BBJ 2	155.50	144.00	CFM56-7B27; -7B27/B3	2	27.30	5.10	1	40	83.2	95.1	96.3	3	52
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B26; -7B26/B1	2	26.30	5.10	1	40	86.4	93.8	96.3	3	52
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B27/B1; -7B27/B2	2	27.30	5.10	1	40	85.8	95.0	96.3	3	52
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B27; -7B27/B3	2	27.30	5.10	1	40	86.0	94.7	96.3	3	52
BOEING	B-737-900	164.00	146.30	CFM56-7B24	2	24.20	5.30	1	40	86.6	92.0	96.4	3	
BOEING	B-737-900	164.00	146.30	CFM56-7B26	2	26.30	5.10	1	40	85.5	93.7	96.4	3	
BOEING	B-737-900	164.00	146.30	CFM56-7B27	2	27.30	5.10	1	40	85.1	94.5	96.4	3	
BOEING	B-737-900	164.00	146.30	CFM56-7B27/B1	2	27.30	5.10	1	40	85.0	95.0	96.4	3	
BOEING	B-737-900	174.20	147.30	CFM56-7B24	2	24.20	5.30	1	40	88.4	91.8	96.4	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-737-900	174.20	147.30	CFM56-7B26	2	26.30	5.10	1	40	87.2	93.5	96.4	3	
BOEING	B-737-900	174.20	147.30	CFM56-7B27	2	27.30	5.10	1	40	86.7	94.2	96.4	3	
BOEING	B-737-900	174.20	147.30	CFM56-7B27/B1	2	27.30	5.10	1	40	86.6	94.7	96.4	3	
BOEING	B-747-100	710.00	400.00	JT9D-3A	4	43.60	5.10	10	30	105.4	102.1	104.6	3	29
BOEING	B-747-100	750.00	400.00	JT9D-7F	4	48.00	5.10	10	30	104.5	103.5	104.5	3	29
BOEING	B-747-100	734.00	425.00	JT9D-7	4	46.30	5.10	10	30	105.1	102.7	104.6	3	29
BOEING	B-747-100	734.00	460.00	JT9D-7A	4	47.00	5.10	10	30	104.3	102.6	105.3	3	29
BOEING	B-747-100	750.00	520.00	JT9D-7F	4	48.00	5.10	10	25	104.5	103.5	104.5	3	29
BOEING	B-747-100	710.00	540.00	JT9D-3A	4	43.60	5.10	10	25	105.4	102.1	104.6	3	29
BOEING	B-747-100	734.00	540.00	JT9D-7	4	46.30	5.10	10	25	105.1	102.7	104.1	3	29
BOEING	B-747-100	734.00	630.00	JT9D-7A	4	47.00	5.10	10	25	104.3	102.6	105.5	3	29
BOEING	B-747-200	770.00	475.00	JT9D-7J	4	50.00	5.10	10	30	103.6	103.0	105.9	3	30
BOEING	B-747-200	710.00	520.00	JT9D-3A	4	43.60	5.10	10	30	104.4	100.8	106.9	3	30
BOEING	B-747-200	750.00	520.00	JT9D-7F	4	48.00	5.10	10	30	103.5	102.0	106.9	3	30
BOEING	B-747-200	734.00	540.00	JT9D-7	4	46.30	5.10	10	30	104.2	101.3	106.7	3	30
BOEING	B-747-200	734.00	564.00	JT9D-7A	4	47.00	5.10	10	30	103.5	101.2	106.9	3	30
BOEING	B-747-200	775.00	585.00	CF6-50E	4	52.50	4.10	10	30	100.7	101.1	105.9	3	
BOEING	B-747-200	833.00	585.00	RB211-524C2	4	51.60	4.50	10	30	106.5	99.7	107.0	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	53.00	4.90	10	30	103.2	103.5	106.6	3	
BOEING	B-747-200	820.00	630.00	CF6-50E	4	52.50	4.10	10	30	102.5	100.9	107.0	3	
BOEING	B-747-200	820.00	630.00	CF6-50E2	4	52.50	4.10	10	30	102.1	101.7	106.5	3	
BOEING	B-747-200	833.00	630.00	CF6-50E2	4	52.50	4.10	10	30	102.6	101.7	106.5	3	
BOEING	B-747-200	710.00	630.00	JT9D-3A	4	43.60	5.10	10	25	104.4	100.8	105.7	3	30
BOEING	B-747-200	734.00	630.00	JT9D-7	4	46.30	5.10	10	25	104.2	101.3	105.2	3	30
BOEING	B-747-200	820.00	630.00	JT9D-70A	4	53.00	4.90	10	30	101.1	98.5	106.0	3	
BOEING	B-747-200	734.00	630.00	JT9D-7A	4	47.00	5.10	10	25	103.5	101.2	105.0	3	30
BOEING	B-747-200	750.00	630.00	JT9D-7F	4	48.00	5.10	10	25	103.5	102.0	106.0	3	30
BOEING	B-747-200	770.00	630.00	JT9D-7J	4	50.00	5.10	10	25	103.6	103.0	106.0	3	30
BOEING	B-747-200	833.00	630.00	JT9D-7Q	4	53.00	4.90	10	25	103.2	103.5	104.4	3	
BOEING	B-747-200	833.00	630.00	RB211-524D4	4	53.10	4.20	10	30	103.9	99.7	104.9	3	
BOEING	B-747-300	600.00	564.00	CF6-80C2B1	4	56.70	5.00	10	30	89.8	99.1	102.5	3	
BOEING	B-747-300	800.00	630.00	CF6-50E2	4	52.50	4.10	10	30	101.6	101.8	106.5	3	
BOEING	B-747-300	785.00	630.00	JT9D-7R4G2	4	54.75	4.80	10	30	100.1	101.5	106.6	3	
BOEING	B-747-300	833.00	630.00	JT9D-7R4G2	4	54.75	4.80	10	30	102.4	101.3	106.6	3	
BOEING	B-747-300	833.00	666.00	CF6-80C2B1	4	56.70	5.00	10	30	99.0	98.2	105.2	3	
BOEING	B-747-400	600.00	564.00	CF6-80C2B1F	4	57.90	5.00	10	30	89.6	99.1	101.7	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-747-400	830.00	564.00	CF6-80C2B5F	4	60.80	5.00	10	30	96.0	100.4	101.7	3	
BOEING	B-747-400	600.00	564.00	PW4056	4	56.75	4.80	10	30	89.5	100.7	103.1	3	
BOEING	B-747-400	600.00	564.00	RB211-524G	4	58.00	4.30	10	30	89.1	98.9	102.4	3	
BOEING	B-747-400	600.00	564.00	RB211-524H	4	60.60	4.10	10	30	88.7	99.7	102.4	3	
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F	4	57.90	5.00	10	30	99.8	98.2	103.8	3	
BOEING	B-747-400	870.00	652.00	CF6-80C2B1F	4	60.20	5.20		25	99.7	98.3	101.4	3	
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F W/N1 MOD	4	57.30	5.00	10	30	99.9	97.9	103.8	3	
BOEING	B-747-400	875.00	652.00	CF6-80C2B5F	4	60.80	5.00	10	30	97.5	100.3	103.8	3	
BOEING	B-747-400	870.00	652.00	PW 4056	4	56.75	4.80	10	30	101.5	99.7	104.7	3	
BOEING	B-747-400	875.00	652.00	PW4056	4	56.75	4.80	10	30	101.6	99.7	104.7	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2B)	4	56.80	4.80	10	30	99.7	98.6	103.6	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C)	4	56.80	4.80	10	30	98.6	98.4	103.0	3	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C) NR	4	56.80	4.80	10	30	97.4	98.1	102.1	3	
BOEING	B-747-400	875.00	652.00	PW4056 PKG B/PHASE I	4	56.80	4.80	10	30	99.3	98.5	103.4	3	
BOEING	B-747-400	875.00	652.00	RB211-524G	4	58.00	4.30	10	30	99.2	98.0	103.8	3	
BOEING	B-747-400	870.00	652.00	RB211-524H	4	60.60	4.10	10	30	97.8	98.8	103.8	3	
BOEING	B-747-400	875.00	652.00	RB211-524H2	4	58.00	4.10	10	30	98.0	98.8	103.8	3	
BOEING	B-747-SP	702.00	410.00	RB211-524D4	4	53.10	4.20	10	30	99.2	99.8	107.0	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-SP	660.00	450.00	JT9D-7A	4	47.00	5.10	10	30	99.6	101.3	102.5	3	
BOEING	B-747-SP	702.00	450.00	JT9D-7J	4	50.00	5.10	10	30	100.1	103.3	103.2	3	
BOEING	B-747-SP	696.00	450.00	RB211-524B2	4	50.10	4.30	10	30	99.5	99.8	103.2	3	
BOEING	B-747-SP	701.00	465.00	JT9D-7A	4	47.00	5.10	10	30	102.0	101.1	102.9	3	
BOEING	B-747-SP	660.00	475.00	JT9D-7F	4	48.00	5.10	10	30	98.7	102.3	103.8	3	
BOEING	B-747-SP	696.00	475.00	JT9D-7J	4	50.00	5.10	10	30	99.8	103.5	103.8	3	
BOEING	B-747-SP	702.00	475.00	JT9D-7J	4	50.00	5.10	10	30	100.1	103.3	103.8	3	
BOEING	B-747-SR	571.00	564.00	CF6-45A2	4	46.50	4.10	10	30	98.4	93.2	105.4	3	
BOEING	B-747-SR	610.00	564.00	JT9D-7A	4	47.00	5.10	10	30	101.8	101.6	106.9	3	*
BOEING	B-757-200	187.00	198.00	PW 2037	2	37.00		5	30	81.5	94.3	97.7	3	
BOEING	B-757-200	220.00	198.00	PW 2037	2	38.20	5.80	5	30	86.2	94.0	97.7	3	
BOEING	B-757-200	187.00	198.00	PW 2037QFC	2	37.00		5	30	80.1	93.7	97.0	3	59
BOEING	B-757-200	220.00	198.00	PW 2040	2	41.70	5.70	5	30	84.6	94.5	97.7	3	
BOEING	B-757-200	190.00	198.00	PW 2040QFC	2	40.00		5	30	79.4	95.1	97.0	3	59
BOEING	B-757-200	220.00	198.00	RB211-535C	2	37.40	4.50	5	30	85.5	94.0	100.3	3	
BOEING	B-757-200	220.00	198.00	RB211-535-E4	2	40.10	4.10	5	30	82.2	93.3	95.0	3	
BOEING	B-757-200	220.00	198.00	RB211-535-E4	2	40.10	4.10	5	30	82.9	93.4	95.0	3	58
BOEING	B-757-200	220.00	198.00	RB211-535E4-B	2	43.10	4.10	5	30	82.1	94.2	95.0	3	58

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-757-200	220.00	198.00	RB211-535E4-B	2	43.10	4.10	5	30	81.3	94.4	95.0	3	
BOEING	B-757-200	255.50	210.00	PW 2037	2	38.20	5.80	5	30	91.4	93.7	98.1	3	
BOEING	B-757-200	255.50	210.00	PW 2037QFC	2	37.00		5	30	89.7	92.7	97.3	3	59
BOEING	B-757-200	255.50	210.00	PW 2040	2	41.70	5.70	5	30	89.7	94.2	98.1	3	
BOEING	B-757-200	255.50	210.00	PW 2040QFC	2	40.00		5	30	88.1	94.0	97.3	3	59
BOEING	B-757-200	240.00	210.00	RB211-535C	2	37.40	4.50	5	25	88.1	93.8	99.6	3	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	2	40.10	4.10	5	30	86.8	93.0	95.2	3	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	2	40.10	4.10	5	30	87.3	93.0	95.2	3	58
BOEING	B-757-200	255.50	210.00	RB211-535E4-B	2	43.10	4.10	5	30	86.2	93.8	95.2	3	58
BOEING	B-757-200	255.50	210.00	RB211-535E4-B	2	43.10	4.10	5	30	85.7	94.1	95.2	3	
BOEING	B-757-300	236.00	210.00	RB211-535-E4	2	40.10	4.10	5	30	84.8	93.9	95.2	3	58
BOEING	B-757-300	235.87	210.00	RB211-535E4-B	2	43.10	4.10	5	30	84.0	95.2	95.2	3	58
BOEING	B-757-300	235.87	210.00	RB211-535E4-C	2	43.00		5	30	84.0	95.2	95.2	3	58
BOEING	B-757-300	275.00	224.00	RB211-535-E4	2	40.10	4.10	5	30	89.8	93.5	95.4	3	58
BOEING	B-757-300	275.00	224.00	RB211-535E4-B	2	43.10	4.10	5	30	88.4	94.8	95.4	3	58
BOEING	B-757-300	275.00	224.00	RB211-535E4-C	2	43.00		5	30	88.4	94.8	95.4	3	58
BOEING	B-767-200	279.90	257.00	CF6-80A	2	48.00	4.60	1	30	84.9	95.5	101.4	3	
BOEING	B-767-200	279.90	257.00	CF6-80A2	2	50.00	4.60	1	30	84.2	97.2	101.4	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-767-200	282.00	257.00	JT9D-7R4D(A)	2	48.00	5.00	1	30	87.7	95.7	101.8	3	
BOEING	B-767-200	282.00	257.00	JT9D-7R4D(B)	2	48.00	5.00	1	30	88.4	95.9	101.9	3	
BOEING	B-767-200	282.00	257.00	JT9D-7R4E	2	50.00	5.00	1	30	87.5	96.8	101.9	3	
BOEING	B-767-200	300.00	270.00	CF6-80C2-B2	2	52.50	5.00	1	30	85.2	94.1	95.7	3	
BOEING	B-767-200	351.00	270.00	CF6-80C2-B4	2	57.90	5.00	1	30	87.7	95.3	95.7	3	
BOEING	B-767-200	335.00	270.00	PW4052	2	52.00	4.80	1	30	89.4	95.0	97.8	3	
BOEING	B-767-200	340.00	270.00	PW4056	2	56.75	4.80	1	30	88.5	96.0	97.8	3	
BOEING	B-767-200	351.00	285.00	PW4052	2	52.00	4.80	1	30	90.9	94.9	98.2	3	
BOEING	B-767-200	360.00	300.00	CF6-80A	2	48.00	4.60	1	30	92.8	94.8	101.7	3	
BOEING	B-767-200	360.00	300.00	CF6-80A2	2	50.00	4.60	1	30	91.7	96.5	101.7	3	
BOEING	B-767-200	351.00	300.00	CF6-80C2-B2	2	52.50	5.00	1	30	89.5	93.7	96.4	3	
BOEING	B-767-200	387.00	300.00	CF6-80C2-B4	2	57.90	5.00	1	30	90.6	95.0	96.4	3	
BOEING	B-767-200	351.00	300.00	JT9D-7R4D(A)	2	48.00	5.00	1	30	95.1	95.2	102.7	3	
BOEING	B-767-200	360.00	300.00	JT9D-7R4D(B)	2	48.00	5.00	1	30	96.2	95.3	102.6	3	
BOEING	B-767-200	360.00	300.00	JT9D-7R4E	2	50.00	5.00	1	30	95.4	96.2	102.6	3	
BOEING	B-767-200	400.00	300.00	PW 4056	2	56.75	4.80	1	30	93.7	95.5	98.6	3	
BOEING	B-767-200/200ER	300.00	270.00	CF6-80C2B2F	2	52.50	5.00	1	30	85.1	93.8	95.8	3	
BOEING	B-767-200/200ER	300.00	270.00	CF6-80C2B4F	2	57.90	5.00	1	30	83.7	95.2	95.8	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-767-200/200ER	299.60	270.00	PW4056 PH3 (FB2C) NRI	2	56.80	4.80	1	30	81.8	95.1	95.9	3	
BOEING	B-767-200/200ER	340.00	270.00	PW4060	2	60.00	4.80	1	30	87.7	97.3	97.8	3	
BOEING	B-767-200/200ER	299.60	270.00	PW4060 PH3 (FB2C) NRI	2	60.00	4.80	1	30	81.6	96.4	95.9	3	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B2F	2	52.50	5.00	1	30	90.2	93.4	96.5	3	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B4F	2	57.90	5.00	1	30	88.5	94.8	96.5	3	
BOEING	B-767-200/200ER	387.00	300.00	CF6-80C2B4F W/N1 MOD	2	57.90	5.00	1	30	90.6	94.6	96.5	3	
BOEING	B-767-200/200ER	400.00	300.00	CF6-80C2B6F W/N1 MOD	2	61.50	5.00	1	30	90.5	95.5	96.5	3	
BOEING	B-767-200/200ER	395.00	300.00	PW4056 PH3 (FB2C) NRI	2	56.80	4.80	1	30	89.8	94.5	96.6	3	
BOEING	B-767-200/200ER	387.00	300.00	PW4060	2	60.00	4.80	1	30	91.6	96.9	98.6	3	
BOEING	B-767-200/200ER	395.00	300.00	PW4060 PH3 (FB2C) NRI	2	60.00	4.80	1	30	89.0	95.9	96.6	3	
BOEING	B-767-300	300.00	280.00	CF6-80A	2	48.00	4.60	5	30	87.5	95.2	101.7	3	
BOEING	B-767-300	300.00	280.00	CF6-80A2	2	50.00	4.60	5	30	86.7	96.9	101.7	3	
BOEING	B-767-300	288.70	280.00	CF6-80C2B2	2	52.50	5.00	5	30	83.1	94.3	96.5	3	
BOEING	B-767-300	380.00	280.00	CF6-80C2-B4	2	57.90	5.00	5	30	90.2	95.3	96.5	3	
BOEING	B-767-300	380.00	280.00	CF6-80C2-B6	2	61.50	5.00	5	30	89.2	96.4	96.5	3	
BOEING	B-767-300	380.00	280.00	CF6-80C2B6F	2	61.50	5.00	5	30	89.1	96.1	96.6	3	
BOEING	B-767-300	300.00	280.00	JT9D-7R4D(B)	2	48.00	5.00	5	30	91.0	95.7	102.3	3	
BOEING	B-767-300	300.00	280.00	JT9D-7R4E	2	50.00	5.00	5	30	90.0	96.5	102.3	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	380.00	280.00	PW 4056	2	56.75	4.80	5	30	92.0	96.0	98.8	3	
BOEING	B-767-300	380.00	280.00	PW4060	2	60.00	4.80	5	30	91.2	97.2	98.8	3	
BOEING	B-767-300	340.00	280.00	RB211-524G	2	58.00	4.30	5	30	89.4	94.3	98.5	3	
BOEING	B-767-300	340.00	280.00	RB211-524H	2	60.60	4.10	5	30	88.7	95.2	98.5	3	
BOEING	B-767-300	351.00	320.00	CF6-80A	2	48.00	4.60	5	30	92.0	94.9	101.7	3	
BOEING	B-767-300	351.00	320.00	CF6-80A2	2	50.00	4.60	5	30	91.2	96.5	101.7	3	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B4	2	57.90	5.00	5	30	92.1	95.2	98.4	3	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B6	2	61.50	5.00	5	30	91.1	96.3	98.4	3	
BOEING	B-767-300	407.00	320.00	CF6-80C2B6F	2	61.50	5.00	5	30	90.9	96.0	98.5	3	
BOEING	B-767-300	351.00	320.00	JT9D-7R4D(B)	2	48.00	5.00	5	30	95.7	95.4	103.0	3	
BOEING	B-767-300	351.00	320.00	JT9D-7R4E	2	50.00	5.00	5	30	95.0	96.2	103.0	3	
BOEING	B-767-300	407.00	320.00	PW 4056	2	56.75	4.80	5	30	94.2	95.7	100.2	3	
BOEING	B-767-300	407.00	320.00	PW 4060	2	60.00	4.80	5	30	93.2	97.0	100.2	3	
BOEING	B-767-300	407.00	320.00	RB211-524G	2	58.00	4.30	5	30	93.8	94.0	99.8	3	
BOEING	B-767-300	407.00	320.00	RB211-524H	2	60.60	4.10	5	30	92.9	94.8	99.8	3	
BOEING	B-767-300/300ER	295.00	280.00	PW4056 PH3 (FB2C) NRI	2	56.80	4.80	5	30	81.9	95.3	96.6	3	
BOEING	B-767-300/300ER	295.00	280.00	PW4060 PH3 (FB2C) NRI	2	60.00	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	62.00	4.80	5	30	84.6	98.0	96.6	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	PW4056 PH3 (FB2C) NRI	2	56.80	4.80	5	30	91.0	94.6	97.6	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4060 PH3 (FB2C) NRI	2	60.00	4.80	5	30	90.3	95.9	97.9	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 (FB2B)	2	62.00	4.80	5	30	92.2	99.0	100.2	3	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 PH3 (FB2C) NRI	2	62.00	4.80	5	30	89.9	97.6	97.9	3	
BOEING	B-767-400	350.00	320.00	CF6-80C2B8F	2	63.50	5.00	5	30	85.5	97.8	97.6	3	
BOEING	B-767-400	450.00	350.00	CF6-80C2B8F	2	63.50	5.00	5	30	91.2	96.8	98.7	3	
BOEING	B-777-200	440.90	440.90	PW4074	2	74.00	6.80	5	30	85.2	95.5	98.9	3	
BOEING	B-777-200	506.00	445.00	GE90-76B	2	76.00	8.40	5	30	86.7	93.3	97.6	3	53
BOEING	B-777-200	506.00	445.00	GE90-76B (BLK IV)	2	76.00	8.40	5	30	87.6	94.3	97.9	3	54
BOEING	B-777-200	506.00	445.00	GE90-77B	2	77.00	8.30	5	30	86.7	93.4	97.6	3	53
BOEING	B-777-200	506.00	445.00	GE90-77B (BLK IV)	2	77.00	8.30	5	30	87.4	94.3	97.9	3	54
BOEING	B-777-200	545.00	445.00	GE90-85B	2	85.00	8.30	5	30	87.3	94.4	97.6	3	53
BOEING	B-777-200	545.00	445.00	GE90-85B (BLK IV)	2	85.00	8.30	5	30	87.8	95.3	97.9	3	54
BOEING	B-777-200	545.00	445.00	GE90-90B	2	90.00	8.20	5	30	86.3	95.4	97.6	3	53
BOEING	B-777-200	545.00	445.00	GE90-90B (BLK IV)	2	90.00	8.20	5	30	86.5	96.1	97.9	3	54
BOEING	B-777-200	580.00	445.00	GE90-94B (BLK IV)	2	94.00	8.10	5	30	87.5	96.7	97.9	3	54
BOEING	B-777-200	535.00	445.00	PW4074	2	74.00	6.80	5	30	90.9	95.1	99.0	3	
BOEING	B-777-200	445.00	445.00	PW4077	2	77.00	6.60	5	30	84.9	96.2	98.9	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-777-200	545.00	445.00	PW4090	2	90.00	6.10	5	30	88.3	98.7	98.9	3	55
BOEING	B-777-200	535.00	445.00	PW4090 at PW4074 rating	2	74.00	6.80	5	30	90.8	95.2	98.9	3	55
BOEING	B-777-200	447.40	445.00	PW4090 at PW4074 rating	2	74.00	6.80	5	30	85.7	95.5	98.9	3	55
BOEING	B-777-200	545.00	445.00	PW4090 at PW4077 rating	2	77.00	6.60	5	30	90.6	95.9	98.9	3	55
BOEING	B-777-200	447.50	445.00	PW4090 at PW4077 rating	2	77.00	6.60	5	30	85.1	96.3	98.9	3	55
BOEING	B-777-200	458.00	445.00	RR TRENT 875	2	75.00	6.30	5	30	87.1	96.1	99.2	3	
BOEING	B-777-200	458.00	445.00	RR TRENT 877	2	77.00	6.20	5	30	86.7	96.5	99.2	3	
BOEING	B-777-200	545.00	445.00	RR TRENT 884	2	84.00	6.00	5	30	89.4	97.2	99.2	3	
BOEING	B-777-200	545.00	445.00	RR TRENT 892	2	90.00	5.90	5	30	88.3	98.1	99.2	3	
BOEING	B-777-200	632.50	445.00	RR TRENT 895	2	93.40	5.80	5	30	92.4	98.4	99.2	3	
BOEING	B-777-200	545.00	460.00	GE90-76B	2	76.00	8.40	5	30	88.8	93.2	97.8	3	53
BOEING	B-777-200	545.00	460.00	GE90-76B (BLK IV)	2	76.00	8.40	5	30	89.5	94.1	98.1	3	54
BOEING	B-777-200	545.00	460.00	GE90-77B	2	77.00	8.30	5	30	88.8	93.3	97.8	3	53
BOEING	B-777-200	545.00	460.00	GE90-77B (BLK IV)	2	77.00	8.30	5	30	89.4	94.2	98.1	3	54
BOEING	B-777-200	632.50	460.00	GE90-85B	2	85.00	8.30	5	30	91.3	94.2	97.8	3	53
BOEING	B-777-200	656.00	460.00	GE90-90B	2	90.00	8.20	5	30	91.3	95.0	97.8	3	53
BOEING	B-777-200	545.00	460.00	PW4077	2	77.00	6.60	5	30	90.7	95.8	99.0	3	
BOEING	B-777-200	632.50	470.00	GE90-85B (BLK IV)	2	85.00	8.30	5	30	92.0	95.0	98.3	3	54

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-777-200	656.00	470.00	GE90-90B (BLK IV)	2	90.00	8.20	5	30	91.5	95.7	98.3	3	54
BOEING	B-777-200	656.00	470.00	GE90-94B BLK IV)	2	94.00	8.10	5	30	91.1	96.4	98.3	3	54
BOEING	B-777-200	656.00	470.00	PW4090	2	90.00	6.10	5	30	93.9	98.2	99.2	3	55
BOEING	B-777-200	545.00	470.00	RR TRENT 875	2	75.00	6.30	5	30	92.0	95.8	99.5	3	
BOEING	B-777-200	555.00	470.00	RR TRENT 877	2	77.00	6.20	5	30	91.7	96.1	99.5	3	
BOEING	B-777-200	632.50	470.00	RR TRENT 884	2	84.00	6.00	5	30	94.3	96.9	99.5	3	
BOEING	B-777-200	656.00	470.00	RR TRENT 892	2	90.00	5.90	5	30	94.0	97.7	99.5	3	
BOEING	B-777-200	656.00	470.00	RR TRENT 895	2	93.40	5.80	5	30	93.4	98.3	99.5	3	
BOEING	B-777-300	450.00	445.00	PW4090	2	90.00	6.10	5	30	83.4	98.7	99.0	3	55
BOEING	B-777-300	550.00	445.00	PW4098	2	98.00	5.80	5	30	87.7	99.3	100.0	3	
BOEING	B-777-300	550.00	445.00	RR TRENT 884	2	84.00	6.00	5	30	90.1	96.6	99.2	3	
BOEING	B-777-300	550.00	445.00	RR TRENT 892	2	90.00	5.90	5	30	88.4	97.5	99.2	3	
BOEING	B-777-300	660.00	524.00	PW4090	2	90.00	6.10	5	30	94.4	97.3	99.9	3	55
BOEING	B-777-300	660.00	524.00	PW4098	2	98.00	5.80	5	30	93.1	98.5	101.1	3	
BOEING	B-777-300	660.00	524.00	RR TRENT 884	2	84.00	6.00	5	30	96.2	95.9	100.4	3	
BOEING	B-777-300	660.00	524.00	RR TRENT 892	2	90.00	5.90	5	30	94.2	96.9	100.4	3	
BOMBARDIER	BD-700-1A10 (Global Express)	93.50	78.50	BR700-710-A2-20	2	14.97	5.00	16	30	82.1	88.7	89.8	3	
BOMBARDIER	BD-700-1A10 (Global Express)	96.00	78.50	BR700-710-A2-20	2	14.97	5.00	16	30	82.7	88.6	89.8	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
BOMBARDIER	BD700-1A10 (Global Express) (Learjet STC: SA8184NM-D)	75.00	75.00	Rolls Royce/ BR700-710-A2-20	2	14.97	5.00	16	30	75.6	89.3	89.7	3	
BOMBARDIER	CL-600	36.00	33.00	ALF-502	2	7.50	5.00	20	45	81.6	89.3	91.2	3	*
BOMBARDIER	CL-600	40.40	36.00	ALF 502L/L-2/L-2C	2	7.50	5.00	20	45	84.0	87.2	91.6	3	*
BOMBARDIER	CL-600	41.25	36.00	ALF-502L/L-2/L-2C	2	7.50	5.00	20	45	84.7	89.5	91.6	3	*
BOMBARDIER	CL-600 (WINGLETS)	41.25	36.00	ALF-502L/L-2/L-2C	2	7.50	5.00	20	45	84.8	89.5	91.6	3	
BOMBARDIER	CL-600-2B19 (CRJ)	53.00	47.00	CF-34-3A1	2	9.22	6.00	20	45	79.8	82.2	92.1	3	
BOMBARDIER	CL-600-2B19 (CRJ)	53.00	47.00	CF-34-3B1	2	9.22		20	45	78.7	82.4	92.1	3	
BOMBARDIER	CL-600-2C10 (CRJ700)	72.50	66.90	CF34-8C1	2	13.79	6.30	8	45	82.1	89.5	92.6	3	
BOMBARDIER	CL-600-2C10 (CRJ700)	75.00	66.90	CF34-8C1	2	13.79	6.30	8	45	82.7	89.4	92.6	3	
BOMBARDIER	CL-601	42.10	36.00	CF34-1A	2	8.65	6.30	20	45	79.4	84.9	89.4	3	*
BOMBARDIER	CL-601	43.00	36.00	CF34-1A	2	8.65	6.30	20	45	79.9	84.8	89.4	3	*
BOMBARDIER	CL-601-1A	45.10	36.00	CF-34-1A	2	8.65	6.30	20	45	80.5	84.6	90.1	3	*
BOMBARDIER	CL-601-3A	43.10	36.00	CF-34-3A	2	8.72	6.30	20	45	79.4	85.9	89.4	3	*
BOMBARDIER	CL-601-3A	45.10	36.00	CF-34-3A/-3A2	2	8.65	6.30	20	45	79.8	85.7	90.1	3	*
BOMBARDIER	CL-601-3R	45.10	36.00	CF-34-3A1	2	9.22	6.00	20	45	79.8	85.7	90.1	3	*
BOMBARDIER	CL-604	47.60	38.00	GE CF34-3B	2	8.72	6.30	20	45	80.9	86.2	90.3	3	*
BOMBARDIER	CL-604	48.20	38.00	GE CF34-3B	2	8.72	6.30	20	45	81.2	86.2	90.3	3	*
CESSNA	500 CITATION	10.30	9.90	JT15D-1	2	2.20	3.30	15	40	76.4	86.1	87.7	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
CESSNA	500/501 CITATION I	11.80	11.30	JT15D-1/-1A	2	2.20	3.30	15	40	78.0	86.2	87.9	3	*
CESSNA	525 CESSNA JET	10.40	9.70	FJ44-1A	2	1.50		15	35	73.4	83.7	92.1	3	
CESSNA	525A CITATION JET II (CJ-2)	12.37	11.50	FJ44-2C	2	2.10		15	35	74.5	88.8	91.4	3	
CESSNA	550 CITATION II	13.30	12.70	JT15D-4	2	2.50	2.68	15	40	80.1	86.7	90.5	3	*
CESSNA	550 CITATION Bravo	14.80	13.50	PW530A	2	2.20		15	40	73.7	85.2	91.2	3	
CESSNA	550 CITATION II	14.10	13.50	JT15D-4	2	2.50	2.68	0	40	71.6	86.4	90.5	3	
CESSNA	551 CITATION II	12.50	12.00	JT15D-4	2	2.50	2.68	15	40	80.1	86.7	90.5	3	*
CESSNA	552	15.50	14.30	JT15D-5	2	2.90	2.10	20	35	89.3	94.7	88.5	3	*
CESSNA	560 CITATION Ultra	16.30	15.20	JT15D-5D	2	2.30		7	35	82.9	95.9	85.7	3	
CESSNA	560 CITATION V	16.30	15.20	JT15D-5A	2	2.90	2.10	7	35	84.6	94.6	88.9	3	
CESSNA	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 ENCORE	16.63	15.20	PW535A	2	2.90		7	35	70.3	89.9	90.5	3	
CESSNA	560XL EXCEL	20.00	18.70	PW545A	2	3.00		7	35	72.4	85.3	93.1	3	
CESSNA	650 CITATION III	21.00	17.00	TFE731-3B-100S	2	2.90	3.11	20	37	84.9	92.5	92.4	3	
CESSNA	650 CITATION III	22.00	20.00	TFE731-3B-100S	2	2.90	3.11	7	37	80.1	92.4	93.8	3	22
CESSNA	650 CITATION VI	22.45	20.00	TFE731-3C-100S	2	2.90		7	40	82.2	92.4	93.8	3	
CESSNA	650 CITATION VII	23.00	20.00	TFE731-4R-3S	2	3.20		7	40	78.9	91.9	90.8	3	
CESSNA	750 CITATION X	35.70	31.80	AE3007C	2	5.00	5.30	15	35	72.3	83.0	90.2	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
CESSNA	S550 CITATION S/II	14.70	14.00	JT15D-4B	2	2.50	2.68	20	35	87.9	91.6	85.1	3	*
CESSNA	S550 CITATION S/II	15.10	14.40	JT15D-4B	2	2.50	2.68	7	35	80.0	91.3	86.2	3	
DASSAULT	FALCON 10	19.30	17.64	TFE731-2-1C	2	3.23	2.80	15	52	82.2	86.2	95.2	3	
DASSAULT	FALCON 200	32.00	27.60	ATF3-6A-4C	2	5.20	2.90	5	40	83.9	89.0	93.9	3	
DASSAULT	FALCON 200 (M5634)	32.00	28.88	ATF3-6A-4C	2	5.20	2.90	5	40	83.9	89.0	94.2	3	
DASSAULT	FALCON 2000	36.50	33.00	CFE738-1-1B	2	5.72	6.00	20	40	79.4	86.4	93.1	3	
DASSAULT	FALCON 20-Basic/D/E/F (M2851)	28.66	27.32	CF700-2D-2Q	2	4.50	2.00	0	40	81.9	94.0	99.7	3	
DASSAULT	FALCON 20-C5/D5/E5 (M3500)	29.10	27.73	TFE731-5AR-2C	2	4.50	3.70	15	40	82.9	88.4	90.7	3	
DASSAULT	FALCON 20-C5/D5/E5 (M3530)	29.10	27.73	TFE-731-5BR-2C	2	4.80	3.70	15	40	80.3	90.7	90.7	3	
DASSAULT	FALCON 20-C5/D5/E5 (M3547)	30.50	28.88	TFE731-5BR-2C	2	4.80	3.70	15	40	82.9	91.9	90.6	3	
DASSAULT	FALCON 20-F5 (M3500)	29.10	27.73	TFE731-5AR-2C	2	4.50	3.70	10	40	81.8	88.6	90.0	3	
DASSAULT	FALCON 20-F5 (M3530)	29.10	27.73	TFE-731-5BR-2C	2	4.80	3.70	10	40	79.3	90.9	90.0	3	
DASSAULT	FALCON 20-F5 (M3547)	30.50	28.88	TFE731-5BR-2C	2	4.80	3.70	10	40	81.9	92.1	90.3	3	
DASSAULT	FALCON 20-G (M2500)	32.00	27.56	ATF3-6-2C	2	5.40	2.90	10	40	87.5	88.3	95.9	3	
DASSAULT	FALCON 50	38.80	35.72	TFE731-3-1C	3	3.70	2.80	20	48	84.3	91.6	97.4	3	
DASSAULT	FALCON 50 (M1810)	40.79	35.72	TFE731-40-1	3	3.70	3.50	20	48	83.0	92.7	95.2	3	
DASSAULT	FALCON 50 (M1230)	40.78	35.71	TFE731-3-1C	3	3.70	2.80	20	48	84.8	91.5	97.1	3	
DASSAULT	FALCON 50 (M2193)	40.79	35.72	TFE731-40-1	3	3.70	3.50	20	48	83.8	92.0	95.2	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
DASSAULT	FALCON 900	45.50	42.00	TFE731-5AR-1C	3	4.75	3.70	20	40	81.9	89.5	91.7	3	
DASSAULT	FALCON 900 (M1196)	46.50	42.00	TFE731-5AR-1C	3	4.75	3.70	20	40	82.9	89.5	91.7	3	
DASSAULT	FALCON 900B (M1200)	46.50	42.00	TFE731-5BR-1C	3	4.75	3.70	20	40	80.7	91.2	91.7	3	
DASSAULT	FALCON 900EX (M3000)	49.00	44.50	TFE731-60-1	3	5.00	4.40	20	40	79.8	90.5	92.3	3	
EMBRAER	EMB-135LR	44.09	40.78	AE3007A1/3	2	7.20	4.77	9	45	77.9	84.4	92.3	3	
EMBRAER	EMB-145EP	46.29	41.22	AE3007A	2	7.58	5.23	9	45	83.7	84.2	92.6	3	*
EMBRAER	EMB-145ER	45.41	41.22	AE3007A	2	7.58	5.23	9	45	77.9	84.6	92.6	3	
EMBRAER	EMB-145LR	48.50	42.54	AE3007A1/1	2	7.58	4.76	9	45	79.4	84.6	92.5	3	
FAIRCHILD DORNIER	DORNIER 328-300	33.51	31.06	PW306B	2	6.05	5.60	12	32	76.1	89.8	91.1	3	
FAIRCHILD DORNIER	DORNIER 328-300 Mod 10	34.52	31.72	PW306B	2	6.05	5.60	12	32	76.5	89.8	92.1	3	
FOKKER	F100	98.00	88.00	TAY MK650-15	2	14.73	3.00	0	42	81.8	91.7	93.0	3	
FOKKER	F70	81.00	75.00	TAY MK620-15	2	13.80	3.00	0	42	76.8	89.9	87.7	3	
FOKKER	F70	92.00	81.00	TAY MK620-15	2	13.80	3.00	0	42	80.1	89.5	88.3	3	
GULFSTREAM	G100	24.65	20.70	TFE731-40R-200G	2	4.25	2.90	25	40	79.1	89.5	91.9	3	
GULFSTREAM	G200	34.85	28.00	PW306A	2	6.04	4.50	25	40	81.4	85.8	90.9	3	47
GULFSTREAM	G200	34.85	28.00	PW306A	2	6.04	4.50	25	40	81.4	85.8	92.7	3	46
GULFSTREAM	G-IV	73.20	58.50	TAY 611-8	2	13.85	3.00	10	39	76.8	87.3	91.0	3	
GULFSTREAM	G-IV GULFSTREAM w/ASC 190	74.60	66.00	TAY 611-8	2	13.85	3.00	20	39	77.5	86.6	92.0	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-V	90.50	75.30	BR700-710A1-10	2	14.70	4.20	10	39	80.3	89.1	90.8	3	
ISRAEL AIRCRAFT	1124 WESTWIND	22.90	19.00	TFE731-3-1G	2	3.70	2.80	20	40	81.2	88.4	93.0	3	
ISRAEL AIRCRAFT	1124A WESTWIND 2	23.50	19.00	TFE731-3-1G	2	3.70	2.80	20	40	85.4	88.7	92.8	3	*
ISRAEL AIRCRAFT	1125 ASTRA	23.50	20.70	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	
ISRAEL AIRCRAFT	Galaxy	34.85	28.00	PW306A	2	6.04	4.50	0	40	81.4	85.8	92.7	3	
LEARJET	31	16.50	15.30	TFE731-2-3B	2	3.50		8	40	81.0	87.0	92.6	3	*
LEARJET	31	15.50	15.30	TFE731-2-3B	2	3.50		8	40	79.6	87.2	92.6	3	*
LEARJET	31A	17.00	15.30	TFE731-2-3B	2	3.50		8	40	81.9	86.9	92.8	3	
LEARJET	31A	17.00	16.00	TFE731-2-3B	2	3.50		8	40	82.9	86.8	93.1	3	
LEARJET	35/36	18.00	14.30	TFE731-2-2B	2	3.50	2.64	20	40	84.5	87.9	92.2	3	*
LEARJET	35/36	17.00	14.30	TFE731-2-2B	2	3.50	2.64	20	40	84.0	86.9	92.2	3	*
LEARJET	35A	18.00	14.30	TFE731-2-2B	2	3.50	2.64	8	40	83.6	87.4	91.3	3	*
LEARJET	35A/36A	18.00	14.30	TFE731-2-2B	2	3.50	2.64	8	40	78.7	87.4	91.3	3	
LEARJET	35A/36A	18.30	15.30	TFE731-2-2B	2	3.50	2.64	8	40	79.2	86.7	91.4	3	
LEARJET	36A	18.30	15.30	TFE731-2-2B	2	3.50	2.64	20	40	83.9	87.8	91.4	3	*
LEARJET	45	20.50	19.20	TFE731-20R-1B or (-20AR-1B)	2			8	40	74.4	85.2	93.4	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
LEARJET	55	21.00	17.00	TFE731-3A-2B	2	3.70		8	40	85.5	90.7	90.6	3	*
LEARJET	55	19.50	17.00	TFE731-3A-2B	2	3.70		8	40	84.2	90.9	90.6	3	*
LEARJET	55B	21.50	18.00	TFE731-3A-2B	2	3.70		20	40	86.3	90.7	91.0	3	*
LEARJET	55C	21.50	17.00	TFE731-3AR-3B	2	3.90	2.90	20	40	87.0	91.4	92.4	3	*
LEARJET	55C	21.00	17.00	TFE731-3AR-3B	2	3.90	2.90	20	40	86.7	91.5	92.4	3	*
LEARJET	55C	21.50	18.00	TFE731-3AR-2B	2	3.90	2.90	20	40	86.7	90.9	92.4	3	*
LEARJET	55C	21.00	18.00	TFE731-3AR-2B	2	3.90	2.90	20	40	86.2	91.0	92.4	3	*
LEARJET	60	23.50	19.50	PW305A	2	4.67		8	40	70.8	83.2	87.7	3	
LEARJET	60	23.10	19.50	PW305A	2	4.67		8	40	70.8	83.1	87.7	3	
LOCKHEED	1329-23A/D/E (STAR 3 STC ST00258SE)	44.25	36.00	TFE731-3-1R	4	3.70	2.80	20	59	85.2	90.7	96.9	3	
LOCKHEED	1329-25 (STAR 3 STC# ST00259SE)	44.50	36.00	TFE731-3-1R	4	3.70	2.80	20	59	85.4	90.7	96.9	3	
LOCKHEED	L-1011	430.00	358.00	RB211-22B	3	41.00	4.70	14	42	95.9	95.1	102.8	3	5 *
LOCKHEED	L-1011-1	430.00	358.00	RB211-22B	3	41.00	4.70	10	42	96.0	95.0	102.8	3	5 *
LOCKHEED	L-1011-100	466.00	368.00	RB211-22B	3	41.00	4.70	10	42	98.5	94.9	102.8	3	5 *
LOCKHEED	L-1011-200	466.00	368.00	RB211-524B	3	50.00	4.50	10	33	98.1	97.9	101.4	3	5 *
LOCKHEED	L1011-385-1-14/15	474.00	368.00	RB211-22B	3	41.00	4.70	4	42	98.6	94.1	102.8	3	
LOCKHEED	L1011-385-1-14/15	466.00	368.00	RB211-524B4	3	50.00	4.50	10	42	97.9	95.9	103.3	3	*
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B	3	50.00	4.50	14	33	98.4	97.8	101.5	3	5 *

*****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
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B3	3	50.00	4.50	14	33	97.4	96.7	100.3	3	5 *
LOCKHEED	L-1011-500	504.00	368.00	RB211-524B3	3	50.00	4.50	22	33	98.0	96.9	100.2	3	5 *
LOCKHEED	L-1011-500	510.00	368.00	RB211-524B4	3	50.00	4.50	10	33	99.3	96.4	102.0	3	*
MCDONNELL DOUGLAS	DC-08-61 (BAC II STC: SA4892NM)	325.00	240.00	JT3D-3B	4	18.00	1.40	15	35	99.8	101.0	101.6	3	12
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM or SA5455NM)	335.00	250.00	JT3D-7	4	19.00	1.40	12	35	97.8	101.3	102.2	3	12
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM)	348.00	240.00	JT3D-3B	4	18.00	1.40	12	35	100.5	101.2	100.7	3	12
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM)	335.00	250.00	JT3D-3B	4	18.00	1.40	12	35	99.7	101.3	101.0	3	12
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA5455NM)	350.00	240.00	JT3D-3B	4	18.00	1.40	12	35	100.5	101.2	100.2	3	12
MCDONNELL DOUGLAS	DC-08-63 (BAC II STC: SA4892NM or SA5455NM)	353.00	258.00	JT3D-7	4	19.00	1.40	12	35	98.9	101.4	102.4	3	12
MCDONNELL DOUGLAS	DC-08-63 (BAC II STC: SA4892NM or SA5455NM)	353.00	267.00	JT3D-7	4	19.00	1.40	12	35	98.9	101.4	102.7	3	12
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM56-2-C1	4	22.00	6.00	15	50	94.3	92.9	98.3	3	*
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM-56-2C5	4	22.00	6.00			94.3	92.9	98.3	3	*
MCDONNELL DOUGLAS	DC-08-71	328.00	258.00	CFM56-2-C1	4	22.00	6.00	15	50	94.5	92.9	98.6	3	*
MCDONNELL DOUGLAS	DC-08-72	335.00	240.00	CFM56-2-C1	4	22.00	6.00	12	50	94.4	92.9	98.1	3	*
MCDONNELL DOUGLAS	DC-08-72	350.00	250.00	CFM56-2-C1	4	22.00	6.00	12	50	95.2	92.8	98.2	3	*
MCDONNELL DOUGLAS	DC-08-73	355.00	258.00	CFM56-2-C1	4	22.00	6.00	12	50	95.7	92.8	98.3	3	*
MCDONNELL DOUGLAS	DC-08-73	355.00	275.00	CFM56-2-C1	4	22.00	6.00	12	50	95.7	92.8	98.5	3	*
MCDONNELL DOUGLAS	DC-09-10 (ABS)	90.70	81.70	JT8D-7/7A/7B	2	14.00	1.40	10	40	87.2	96.4	95.0	3	6

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	DC-09-10 (AIRWELD STC ST00934LA)	108.00	99.00	JT8D-9A	2	14.50	1.03	0	40	90.6	96.7	95.6	3	12
MCDONNELL DOUGLAS	DC-09-20 (ABS;STC SA1613GL)	100.00	93.40	JT8D-9/9A	2	14.50	1.03	0	40	88.8	96.9	95.7	3	
MCDONNELL DOUGLAS	DC-09-30 (ABS/SA16136L)	103.00	99.00	JT8D-9/9A	2	14.50	1.03	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	14.50	1.03	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	14.00	1.40	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	14.00	1.40	0	40	91.0	95.8	96.0	3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	105.00	101.00	JT8D-9/9A	2	14.50	1.03	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	14.00	1.40	0	40	90.4	95.9	96.0	3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	103.00	99.00	JT8D-9/9A	2	14.50	1.03	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	14.00	1.40	0	40	91.0	96.2	96.0	3	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-9/9A	2	14.50	1.03	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	14.00	1.40	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	14.00	1.40	0	40	91.0	96.2	96.0	3	
MCDONNELL DOUGLAS	DC-10-10	410.00	347.80	CF6-6D	3	39.30	5.90	14	50	97.4	97.0	104.9	3	*
MCDONNELL DOUGLAS	DC-10-10	410.00	347.80	CF6-6K	3	39.30	5.90	14	50	96.8	96.3	103.3	3	*
MCDONNELL DOUGLAS	DC-10-10	430.00	347.80	CF6-6K2	3	40.90	5.90	11	50	97.4	96.5	103.3	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D	3	39.30	5.90	0	50	101.8	96.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1	3	40.30	5.80	4	50	100.2	96.6	105.5	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	DC-10-10	430.00	363.50	CF6-6D1	3	40.30	5.80	11	50	98.1	97.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	430.00	363.50	CF6-6D1A	3	40.90	5.80	11	50	98.1	97.0	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1A	3	40.90	5.80	4	50	100.2	96.6	105.5	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K	3	39.30	5.90	0	50	100.9	95.5	103.8	3	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K2	3	40.90	5.90	4	50	99.3	96.1	103.8	3	*
MCDONNELL DOUGLAS	DC-10-15	455.00	363.50	CF6-50C2-F	3	45.60	4.60	5	50	93.8	95.6	103.1	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50A	3	48.40	4.30	5	50	101.8	96.9	106.3	3	*
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C/H	3	50.40	4.30	10	50	101.6	97.5	106.3	3	
MCDONNELL DOUGLAS	DC-10-30	572.00	403.00	CF6-50C1	3	51.80	4.20	10	50	102.1	98.3	106.3	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2	3	51.80	4.30	5	50	96.8	97.8	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2-B	3	53.20	4.30	5	50	96.1	98.4	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	555.00	403.00	CF6-50C2-R	3	50.40	4.40	10	50	97.5	97.2	105.0	3	
MCDONNELL DOUGLAS	DC-10-30	565.00	411.00	CF6-50A	3	48.40	4.30	5	50	102.7	96.8	106.6	3	*
MCDONNELL DOUGLAS	DC-10-30	572.00	411.00	CF6-50C/H	3	50.40	4.30	10	50	102.3	97.5	106.6	3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C1	3	51.80	4.20	10	50	103.0	98.0	106.6	3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2	3	51.80	4.30	15	50	99.0	97.9	105.3	3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2-B	3	53.20	4.30	15	50	98.7	98.5	105.3	3	
MCDONNELL DOUGLAS	DC-10-30	572.00	421.00	CF6-50C2-R	3	50.40	4.40	10	50	98.4	97.3	105.8	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	DC-10-30	555.00	424.00	CF6-50C2	3	51.80	4.30	5	50	96.8	97.8	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	572.00	424.00	CF6-50C2-B	3	53.20	4.30	10	50	97.4	98.5	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	555.00	424.00	CF6-50C2-B	3	53.20	4.30	5	50	96.1	98.4	106.0	3	15
MCDONNELL DOUGLAS	DC-10-30	590.00	436.00	CF6-50C2	3	51.80	4.30	15	50	99.0	97.7	106.4	3	15
MCDONNELL DOUGLAS	DC-10-40	530.00	403.00	JT9D-20D	3	44.50	5.00	10	50	100.8	95.2	105.7	3	*
MCDONNELL DOUGLAS	DC-10-40	555.00	403.00	JT9D-59A	3	51.70	4.90	10	50	101.4	98.0	106.4	3	*
MCDONNELL DOUGLAS	MD-10-10	440.00	375.00	CF6-6K	3	39.30	5.90	5	50	99.2	96.2	104.4	3	56
MCDONNELL DOUGLAS	MD-10-10	440.00	375.00	CF6-6K W/ FSMS	3	39.30	5.90	5	50	99.2	95.9	104.4	3	56
MCDONNELL DOUGLAS	MD-10-30	565.00	424.00	CF6-50C2	3	51.80	4.30	10	50	96.9	97.4	106.0	3	57
MCDONNELL DOUGLAS	MD-10-30	580.00	436.00	CF6-50C2	3	51.80	4.30	15	50	97.9	97.4	106.3	3	57
MCDONNELL DOUGLAS	MD-11	602.50	430.00	CF6-80C2	3	61.50	5.30	10	50	92.8	96.3	103.6	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	CF6-80C2D1F	3	61.50	5.30	10	50	92.8	96.3	103.6	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	PW4460	3	60.00	5.00	10	50	93.7	96.3	103.8	3	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	PW4462	3	62.00	5.00	10	50	93.1	96.6	103.8	3	
MCDONNELL DOUGLAS	MD-11	618.00	471.50	CF6-80C2	3	61.50	5.30	10	50	93.9	96.3	104.3	3	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4460	3	60.00	5.00	10	50	95.8	96.1	104.4	3	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4462	3	62.00	5.00	10	50	95.0	96.5	104.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	CF6-80C2D1F	3	61.50	5.30	10	50	92.8	96.4	103.6	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
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	PW4460 (-3)	3	60.00	5.00	10	50	93.9	96.3	103.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	602.50	430.00	PW4462 (-3)	3	62.00	5.00	10	50	93.3	96.6	103.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	CF6-80C2D1F	3	61.50	5.30	10	50	94.6	96.4	104.5	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4460 (-3)	3	60.00	5.00	10	50	95.7	96.1	104.4	3	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4462 (-3)	3	62.00	5.00	10	50	95.0	96.5	104.4	3	
MCDONNELL DOUGLAS	MD-80	140.00	128.00	JT8D-209	2	19.25	1.83	0	40	88.9	94.7	92.8	3	10
MCDONNELL DOUGLAS	MD-80	140.00	128.00	JT8D-219	2	21.70	1.70	0	40	86.7	97.3	92.8	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-209	2	19.25	1.83	0	40	91.1	94.5	92.9	3	10
MCDONNELL DOUGLAS	MD-80	142.00	130.00	JT8D-217	2	20.85	1.80	0	40	88.2	96.1	92.9	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-217	2	20.85	1.80	0	40	89.7	95.8	92.9	3	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-219	2	21.70	1.70	0	40	88.6	97.1	92.9	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217A	2	20.85	1.80	2	40	92.0	95.9	93.7	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217C	2	20.85	1.70	2	40	91.5	96.3	93.7	3	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-219	2	21.70	1.70	2	40	90.8	97.2	93.7	3	10
MCDONNELL DOUGLAS	MD-87	125.00	120.00	JT8D-217A	2	20.85	1.80	0	40	84.3	96.4	92.9	3	10
MCDONNELL DOUGLAS	MD-87	125.00	120.00	JT8D-217C	2	20.85	1.70	0	40	84.1	96.5	92.9	3	10
MCDONNELL DOUGLAS	MD-87	140.00	128.00	JT8D-219	2	21.70	1.70	0	40	86.5	97.1	93.3	3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217A	2	20.85	1.80	1	40	89.7	95.9	93.3	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-87	149.50	130.00	JT8D-217C	2	20.85	1.70	1	40	89.2	96.2	93.3	3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-219	2	21.70	1.70	1	40	88.5	97.1	93.3	3	10
MCDONNELL DOUGLAS	MD-90-30	135.00	130.00	V2525-D5	2	25.00	4.80	5	40	78.3	89.2	91.7	3	
MCDONNELL DOUGLAS	MD-90-30	135.00	130.00	V2528-D5	2	28.00	4.80	5	40	77.2	91.4	91.7	3	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2525-D5	2	25.00	4.80	5	40	84.2	88.8	91.9	3	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2528-D5	2	28.00	4.80	5	40	82.6	91.0	91.9	3	
MITSUBISHI	MU-300 (DIAMOND I)	14.10	13.20	JT15D-4	2	2.50	2.68	10	30	86.3	88.0	85.8	3	*
MITSUBISHI	MU-300 (DIAMOND I)	15.50	13.20	JT15D-4D	2	2.50	2.68	0	30	81.2	88.4	85.8	3	
MITSUBISHI	MU-300-10 (DIAM. II)	15.78	14.22	JT15D-5	2	2.90	2.10	10	30	88.6	93.7	91.4	3	*
RAYTHEON	390 PREMIER	12.50	11.60	FJ44-2A	2	2.30		0	30	76.6	87.9	92.0	3	
RAYTHEON	C-29A	28.00	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	81.4	87.3	95.8	3	
RAYTHEON	HAWKER 125- 1A	21.70	19.60	TFE731-3-1H	2	3.70	2.70	0	45	84.2	90.0	96.0	3	
RAYTHEON	HAWKER 125- 1A	21.20	19.60	TFE731-3-1H	2	3.70	2.70	0	45	83.4	90.1	96.0	3	
RAYTHEON	HAWKER 125- 3A	21.70	20.00	TFE731-3-1H	2	3.70	2.70	0	45	84.2	90.0	96.3	3	
RAYTHEON	HAWKER 125- 3A/RA	23.60	20.00	TFE731-3-1H	2	3.70	2.70	0	45	85.5	89.8	95.7	3	
RAYTHEON	HAWKER 125- 400A	23.60	20.00	TFE731-3-1H	2	3.70	2.70	0	45	85.5	89.8	95.7	3	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	TFE731-3-1H	2	3.70	2.70	0	45	88.0	89.2	96.3	3	
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	2	3.70	2.70	0	45	88.0	89.2	96.3	3	33

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
RAYTHEON	HAWKER 125- 800	27.40	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	80.9	87.2	96.5	3	
RAYTHEON	HAWKER 125- 800A	27.40	23.35	TFE731-5R-1H	2	4.30	3.30	0	45	80.9	89.6	96.5	3	25
RAYTHEON	HAWKER 125-1000	31.00	25.00	PW305	2	5.20	4.50	0	25	81.8	85.9	91.6	3	
RAYTHEON	HAWKER 125-1000	35.50	28.50	PW305	2	5.20	4.50	0	25	85.7	85.3	92.0	3	
SABRELINER	SABRELINER 65	22.70	21.80	TFE731-3R	2	3.70	2.80	0	36	82.3	93.1	90.6	3	*
SABRELINER	SABRELINER 65	24.00	21.80	TFE731-3R	2	3.70	2.80			84.0	93.0	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
BOEING	B-747-200	767.00	564.00	JT9D-3A	10	110.0	* **
BOEING	B-747-200	800.00	630.00	JT9D-7F	10	109.7	* **
BOEING	B-747-200	812.00	630.00	JT9D-7FW/-7J	10	109.7	* **
BOEING	B-747-100	734.00	564.00	JT9D-3A	10	109.4	* **
BOEING	B-747-200	805.00	630.00	JT9D-7FW	10	109.4	* **
BOEING	B-747-200	785.00	630.00	JT9D-7A	10	109.3	* **
BOEING	B-747-200	800.00	630.00	JT9D-7J	10	109.3	* **
BOEING	B-747-200	773.00	585.00	JT9D-3AWET	10	109.1	* **
BOEING	B-747-200	770.00	564.00	JT9D-7	10	108.9	* **
BOEING	B-747-200	785.00	630.00	JT9D-7WET	10	108.7	* **
BOEING	B-747-100	710.00	564.00	JT9D-7	10	108.0	* **
BOEING	B-747-100	750.00	585.00	JT9D-7A	10	107.8	* **
BOEING	B-747-100	750.00	585.00	JT9D-7F	10	107.7	* **
BOEING	B-747-100	750.00	585.00	JT9D-7FW	10	107.6	* **
BOEING	B-747-100	750.00	585.00	JT9D-7WET	10	107.4	* **
BOEING	B-747-200	833.00	585.00	RB211-524C2	10	106.5	*
MCDONNELL DOUGLAS	DC-08-55 (QNC PLS QN)	320.30	217.00	JT3D-3B		105.5	6,26,**

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 PLS QN)	320.30	240.00	JT3D-3B		105.5	6,**
BOEING	B-707-300B ADV/C (SHN)	322.30	247.00	JT3D-1-3B(IC)	14	105.5	6,21,**
BOEING	B-747-200	820.00	630.00	RB211-524B/B2	10	105.5	**
BOEING	B-747-300	820.00	630.00	RB211-524B2	10	105.5	**
BOEING	B-747-100	710.00	540.00	JT9D-3A	10	105.4	29
MCDONNELL DOUGLAS	DC-08-55/F54 (BAC STC: SA3915NM)	313.70	217.00	JT3D-3B	15	105.3	6,26,**
MCDONNELL DOUGLAS	DC-08F-54/55 (BAC STC: SA3915NM)	313.70	240.00	JT3D-3B	15	105.3	6,26,**
MCDONNELL DOUGLAS	DC-08-53 (QNC PLS QN)	318.00	207.00	JT3D-3B		105.3	6,26,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	306.80	207.00	JT3D	15	105.2	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	309.80	207.00	JT3D-3B	15	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08-55 (QNC QN)	309.80	217.00	JT3D-3B	15	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08-61 (QNC QN)	309.80	240.00	JT3D-3B	15	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	309.80	240.00	JT3D-3B	15	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08F-55 (QNC QN)	309.80	240.00	JT3D-3B	15	105.2	6,26,**
MCDONNELL DOUGLAS	DC-08-61F (QNC QN)	309.80	248.00	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-55 (QNC PLS QN)	317.80	240.00	JT3D-3B		105.2	6,26,**
BOEING	B-747-100	734.00	540.00	JT9D-7	10	105.1	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
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	315.00	207.00	JT3D-3B		104.9	6,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC PLS QN)	315.00	240.00	JT3D-3B		104.9	6,26,**
MCDONNELL DOUGLAS	DC-08-63 (ADC QN)	355.00	275.00	JT3D-3B	12	104.8	6,**
BOEING	B-707-300B ADV/C (SHN)	330.00	201.00	JT3D-7		104.7	6,**
BOEING	B-707-300B ADV/C (SHN)	321.00	240.00	JT3D-3B		104.5	6,**
BOEING	B-747-100	750.00	520.00	JT9D-7F	10	104.5	29
BOEING	B-747-100	750.00	585.00	RB211-524C2	10	104.5	* **
BOEING	B-707-300B ADV/C (QNC)	335.00	247.50	JT3D-3B		104.4	6,**
BOEING	B-747-200	710.00	630.00	JT9D-3A	10	104.4	30
MCDONNELL DOUGLAS	DC-08-62 (ADC QN)	350.00	250.00	JT3D-3B	12	104.3	6,**
BOEING	B-747-100	734.00	630.00	JT9D-7A	10	104.3	29
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	15	104.2	6,**
BOEING	B-747-200	734.00	630.00	JT9D-7	10	104.2	30
MCDONNELL DOUGLAS	DC-08-63 (ADC QN)	355.00	275.00	JT3D-7	12	104.1	6,**
MCDONNELL DOUGLAS	DC-08-62 (TNC QN)	350.00	250.00	JT3D-3B	12	103.9	6,**
MCDONNELL DOUGLAS	DC-08-63 (TNC QN)	350.00	250.00	JT3D-3B	12	103.9	6,**
BOEING	B-747-200	833.00	630.00	RB211-524D4	10	103.9	
BOEING	B-747-300	833.00	630.00	RB211-524D4	10	103.9	**

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-707-100B (QNC)	258.00	190.00	JT3D-3B		103.8	6,**
MCDONNELL DOUGLAS	DC-08-63 (TNC QN)	355.00	275.00	JT3D-7	12	103.8	6,**
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	15	103.7	6,26,**
MCDONNELL DOUGLAS	DC-08-55 (BAC STC: SA3915NM)	325.00	217.00	JT3D-3B	15	103.7	6,26,**
MCDONNELL DOUGLAS	DC-08-55 (BAC STC: SA3915NM)	325.00	240.00	JT3D-3B	15	103.7	6,26,**
MCDONNELL DOUGLAS	DC-08-61 (BAC STC: SA3915NM)	325.00	240.00	JT3D-3B	15	103.7	6,26,**
BOEING	B-747-200	770.00	630.00	JT9D-7J	10	103.6	30
BOEING	B-707-120B (SHANNON)	258.00	190.00	JT3D-1		103.5	21,**
BOEING	B-747-200	734.00	630.00	JT9D-7A	10	103.5	30
BOEING	B-747-200	750.00	630.00	JT9D-7F	10	103.5	30
BOEING	B-707-100B (QNC)	241.30	190.00	JT3D-1		103.4	6,**
MCDONNELL DOUGLAS	DC-08-62 (ADC QN)	350.00	250.00	JT3D-7	12	103.4	6,**
BOEING	B-707-138B (SHANNON)	258.00	190.00	JT3D-1		103.2	21,**
MCDONNELL DOUGLAS	DC-08-52 (QNC PLS QN)	300.00	202.00	JT3D-3B		103.2	6,**
BOEING	B-747-200	833.00	630.00	JT9D-7Q	10	103.2	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C1	10	103.0	
MCDONNELL DOUGLAS	DC-08-52 (QNC PLS QN)	300.00	202.00	JT3D-3B		102.9	6,26,**
MCDONNELL DOUGLAS	DC-08-62 (TNC QN)	355.00	275.00	JT3D-7	12	102.7	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-10-30	565.00	411.00	CF6-50A	5	102.7	*
BOEING	B-747-200	833.00	630.00	CF6-50E2	10	102.6	
BOEING	B-747-200	820.00	630.00	CF6-50E	10	102.5	
BOEING	B-727-200	208.00	142.50	JT8D-17RQN	5	102.4	2,20
BOEING	B-747-200	833.00	630.00	JT9D-7R4G2	10	102.4	**
BOEING	B-747-300	833.00	630.00	JT9D-7R4G2	10	102.4	
BOEING	B-720B (QNC)	234.00	175.00	JT3D-1		102.3	6,**
MCDONNELL DOUGLAS	DC-08-53 (BAC STC: SA3915NM)	315.00	203.30	JT3D-3B	15	102.3	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 (BAC STC: SA3915NM)	315.00	240.00	JT3D-3B	15	102.3	6,26,**
MCDONNELL DOUGLAS	DC-10-30	572.00	411.00	CF6-50C/H	10	102.3	
BOEING	B-727-200	203.10	158.00	JT8D-17QN	5	102.0	2,19
BOEING	B-747-SP	701.00	465.00	JT9D-7A	10	102.0	
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	276.00	199.50	JT3D-1		101.9	6,**
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D	0	101.8	*
BOEING	B-747-SR	610.00	564.00	JT9D-7A	10	101.8	*
BOEING	B-747-400	875.00	652.00	PW4056	10	101.6	
BOEING	B-747-300	800.00	630.00	CF6-50E2	10	101.6	
BOEING	B-727-200	184.80	142.50	JT8D-9QN	15	101.5	2,17

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-10-40	555.00	403.00	JT9D-59A	10	101.4	*
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	286.00	207.00	JT3D-3B	15	101.3	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-1	15	101.2	6,**
BOEING	B-747-200	820.00	630.00	JT9D-70A	10	101.1	
MCDONNELL DOUGLAS	DC-08-52 (BAC STC: SA3915NM)	305.00	201.90	JT3D-3B	15	100.9	6,26,**
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K	0	100.9	*
MCDONNELL DOUGLAS	DC-10-40	530.00	403.00	JT9D-20D	10	100.8	*
BOEING	B-727-200	178.00	150.00	JT8D-9FCD	5	100.7	3,17
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	286.00	207.00	JT3D-3B		100.7	6,26,**
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM)	348.00	240.00	JT3D-3B	12	100.5	12
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA5455NM)	350.00	240.00	JT3D-3B	12	100.5	12
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1A	4	100.2	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1	4	100.2	*
BOEING	B-747-300	820.00	630.00	JT9D-70A	10	100.2	**
MCDONNELL DOUGLAS	MD-10-10	440.00	373.50	CF6-6D W/ FSMS	5	100.1	56
BOEING	B-747-SP	702.00	475.00	JT9D-7J	10	100.1	
BOEING	B-727-200	172.50	142.50	JT8D-7QN	15	100.0	2,16
BOEING	B-727-200	190.50	142.50	JT8D-15QN	5	100.0	2,18

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-10-10	440.00	373.50	CF6-6D	5	100.0	56
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	15	99.9	6,**
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F W/N1 MOD	10	99.9	
BOEING	B-727-200	177.60	142.50	JT8D-7FCD	5	99.8	3,16
MCDONNELL DOUGLAS	DC-08-61 (BAC II STC: SA4892NM)	325.00	240.00	JT3D-3B	15	99.8	12
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F	10	99.8	
BOEING	B-747-400	870.00	652.00	CF6-80C2B1F		99.7	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2B)	10	99.7	
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-1	15	99.5	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	276.00	199.50	JT3D-3B		99.5	6,**
BOEING	B-707-300B/C (QSI STC: ST00702LA)	336.00	247.00	JT3D-3B	14	99.5	12
BOEING	B-747-SP	696.00	450.00	RB211-524B2	10	99.5	
BOEING	B-720B (QNC)	234.00	175.00	JT3D-3B		99.3	6,**
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	15	99.3	6,26,**
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K2	4	99.3	*
LOCKHEED	L-1011-500	510.00	368.00	RB211-524B4	10	99.3	*
BOEING	B-747-400	875.00	652.00	PW4056 PKG B/PHASE I	10	99.3	
MCDONNELL DOUGLAS	MD-10-10	440.00	375.00	CF6-6K	5	99.2	56

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-10-10	440.00	375.00	CF6-6K W/ FSMS	5	99.2	56
BOEING	B-747-SP	702.00	410.00	RB211-524D4	10	99.2	
BOEING	B-747-400	875.00	652.00	RB211-524G	10	99.2	
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	276.00	199.50	JT3D-3B		99.1	6,26,**
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2	15	99.0	
MCDONNELL DOUGLAS	DC-10-30	590.00	436.00	CF6-50C2	15	99.0	15
BOEING	B-747-300	833.00	666.00	CF6-80C2B1	10	99.0	
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-1		98.9	6,**
MCDONNELL DOUGLAS	DC-08-63 (BAC II STC: SA4892NM or SA5455NM)	353.00	267.00	JT3D-7	12	98.9	12
MCDONNELL DOUGLAS	DC-08-63 (BAC II STC: SA4892NM)	353.00	275.00	JT3D-7	12	98.9	6,26,**
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2-B	15	98.7	
BOEING	B-747-SP	660.00	475.00	JT9D-7F	10	98.7	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C)	10	98.6	
MCDONNELL DOUGLAS	DC-08-61 (QNC PLS QN)	270.00	240.00	JT3D-3B		98.6	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-3B	15	98.6	6,**
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM)	350.00	240.00	JT3D-7	12	98.6	12
LOCKHEED	L1011-385-1-14/15	474.00	368.00	RB211-22B	4	98.6	
BOEING	B-727-100	169.50	137.50	JT8D-1FCD	5	98.5	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
BOEING	B-707-300B/C (QSI STC: ST00702LA)	336.00	247.00	JT3D-7	14	98.5	12
LOCKHEED	L-1011-100	466.00	368.00	RB211-22B	10	98.5	5 *
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	286.00	199.50	JT3D-3B	15	98.4	6,26,**
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B	14	98.4	5 *
BOEING	B-747-SR	571.00	564.00	CF6-45A2	10	98.4	
MCDONNELL DOUGLAS	DC-10-30	572.00	421.00	CF6-50C2-R	10	98.4	
BOEING	B-727-100	169.50	137.50	JT8D-9FCD	5	98.3	3,17
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-17	0	98.1	1
LOCKHEED	L-1011-200	466.00	368.00	RB211-524B	10	98.1	5 *
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-17	0	98.0	1
LOCKHEED	L-1011-500	504.00	368.00	RB211-524B3	22	98.0	5 *
BOEING	B-747-400	875.00	652.00	RB211-524H2	10	98.0	
BOEING	B-727-100	169.50	137.50	JT8D-7FCD	5	97.9	3,16
LOCKHEED	L1011-385-1-14/15	466.00	368.00	RB211-524B4	10	97.9	*
MCDONNELL DOUGLAS	MD-10-30	580.00	436.00	CF6-50C2	15	97.9	57
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-15	0	97.8	1
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-15	0	97.8	1
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM or SA5455NM)	335.00	250.00	JT3D-7	12	97.8	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
BOEING	B-747-400	870.00	652.00	RB211-524H	10	97.8	
BOEING	B-737-200 ADV.	128.10	88.00	JT8D-15QN	1	97.7	2,18
BOEING	B727-200 (FED EX; STC SA5839NM)	201.00	166.00	JT8D-15 w/BURBANK INLET+ FAN CSD	5	97.7	27
BOEING	B727-200 (FED EX; STC SA5839NM)	204.50	159.00	JT8D-17 w/BURBANK INLET+CHIN OR FAN CSD	5	97.7	27
BOEING	B727-200 (FED EX; STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+FAN CSD	5	97.6	27
BOEING	B727-200 (FED EX; STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+CHIN CSD	5	97.6	27
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-7	0	97.5	16,24
BOEING	B727-200 (FED EX; STC SA5839NM)	196.00	166.00	JT8D-9 w/BOEING INLET+FAN CSD	5	97.5	27
BOEING	B727-200 (FED EX; STC SA5839NM)	196.00	166.00	JT8D-9 w/BOEING INLET+CHIN CSD	5	97.5	27
BOEING	B-747-400	875.00	652.00	CF6-80C2B5F	10	97.5	
BOEING	B727-200 (FED EX; STC SA5839NM)	191.20	160.00	JT8D-9 w/BURBANK INLET+CHIN CSD	5	97.4	27
BOEING	B727-200 (FED EX; STC SA5839NM)	191.20	160.00	JT8D-9 w/BURBANK INLET+ FAN CSD	5	97.4	27
BOEING	B727-200 (RAISBECK STC ST00685SE)	193.00	161.00	JT8D-15	5	97.4	45
MCDONNELL DOUGLAS	DC-10-30	572.00	424.00	CF6-50C2-B	10	97.4	15
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C) NR	10	97.4	
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-3B		97.3	6,**
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-9	0	97.1	1
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-9	0	97.0	24

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.	128.10	79.10	JT8D-17QN	1	97.0	2,19
BOEING	B727-200 (FED EX; STC SA4833NM)	178.42	154.50	JT8D-7 w/BURBANK INLET+CHIN CSD	5	97.0	35
BOEING	B727-200 (RAISBECK STC ST00555SE)	179.70	166.00	JT8D-9	5	97.0	34,44
BOEING	B727-200 (DUGAN AIR STC)	209.41	164.00	JT8D-15	4	97.0	
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-3B	15	97.0	6,26,**
BOEING	B-737-200 ADV.	122.50	105.00	JT8D-9QN	1	96.9	2,17
BOEING	B727-200 (FED EX; STC SA4833NM)	178.00	161.00	JT8D-7 w/BURBANK INLET+ FAN CSD	5	96.9	35
BOEING	B727-200 (FED EX; STC SA5839NM)	197.50	161.00	JT8D-17R w/BURBANK INLET+CHIN OR FAN CSD	5	96.9	27
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-11	0	96.8	1
BOEING	B727-200 (FED EX; STC SA5839NM)	203.10	166.00	JT8D-17 w/BOEING INLET+CHIN OR FAN CSD	5	96.8	27
BOEING	B727-100 (RAISBECK STC ST00448SE)	172.60	142.50	JT8D-7	5	96.6	16,43
BOEING	B727-100 (FED EX; STC SA3993NM)	175.50	154.50	JT8D-7 w/BOEING INLET+CHIN CSD	5	96.6	35
BOEING	B727-200 (RAISBECK STC ST00399SE)	166.40	153.30	JT8D-9	5	96.5	17,34,43
BOEING	B727-100 (FED EX; STC SA3993NM)	175.50	154.50	JT8D-7 w/BURBANK INLET+CHIN CSD	5	96.3	35
BOEING	B-767-200	360.00	300.00	JT9D-7R4D(B)	1	96.2	
AIRBUS	A340-312	595.24	440.92	CFM56-5C3	17	96.2	
BOEING	B-777-300	660.00	524.00	RR TRENT 884	5	96.2	
MCDONNELL DOUGLAS	DC-09-34	110.00	101.00	JT8D-9	0	96.1	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	A340-212	595.25	440.92	CFM56-5C3	17	96.1	
BOEING	B727-200 (FED EX; STC SA5839NM)	197.00	154.50	JT8D-17R w/BOEING INLET+CHIN OR FAN CSD	5	96.0	27
LOCKHEED	L-1011-1	430.00	358.00	RB211-22B	10	96.0	5 *
MCDONNELL DOUGLAS	DC-09-30	110.00	101.00	JT8D-7	0	95.9	1
BOEING	B727-100 (DUGAN AIR STC)	174.50	142.50	JT8D-7	4	95.9	
LOCKHEED	L-1011	430.00	358.00	RB211-22B	14	95.9	5 *
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4460	10	95.8	
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-15	0	95.8	1
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-15	0	95.8	1
MCDONNELL DOUGLAS	DC-08-73	355.00	275.00	CFM56-2-C1	12	95.7	*
AIRBUS UK	1-11 400	89.50	79.00	SPEY511-14/14W	0	95.7	12
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4460 (-3)	10	95.7	
AIRBUS	A330-321	507.06	418.88	PW4164	8	95.6	
BOEING	B-737-200 NON-ADV.	117.00	101.70	JT8D-9QN	1	95.5	2,17
BOEING	B-707-100B (BAC II STC: ST00956LA)	200.00	160.00	JT3D-1	20	95.5	12
BOEING	B-767-200	360.00	300.00	JT9D-7R4E	1	95.4	
BOEING	B-727-200 RE (ROHR STC SA4363NM)	209.42	164.00	JT8D-217C/JT8D-15	5	95.3	23,61
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-7 w/BOEING INLET+FAN CSD	5	95.2	35

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	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-7 w/BOEING INLET+CHIN CSD	5	95.2	35
BOEING	B-727-200 RE (ROHR STC SA4363NM)	209.50	162.00	JT8D-217C/JT8D-17	5	95.2	23,62
MCDONNELL DOUGLAS	DC-08-72	350.00	250.00	CFM56-2-C1	12	95.2	*
MCDONNELL DOUGLAS	DC-09-30	108.00	99.00	JT8D-7A	0	95.1	1
BOEING	B-767-200	351.00	300.00	JT9D-7R4D(A)	1	95.1	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4462	10	95.0	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4462 (-3)	10	95.0	
BOEING	B727-200 (DUGAN AIR STC)	190.50	164.00	JT8D-9	4	95.0	
SABRELINER	SABRELINER 60	20.20		JT12A-8		95.0	*
BOEING	B-767-300	351.00	320.00	JT9D-7R4E	5	95.0	
BOEING	B727-100 (FED EX; STC SA3993NM)	174.50	142.50	JT8D-9 w/BURBANK INLET+CHIN CSD	5	94.9	35
AIRBUS UK	1-11 400	87.00	77.20	SPEY511-14/14W	0	94.8	12
BOEING	B-737-200 NON-ADV.	109.00	98.00	JT8D-7QN	1	94.7	2,16
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BOEING INLET+CHIN CSD	5	94.7	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BOEING INLET+FAN CSD	5	94.7	35
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	CF6-80C2D1F	10	94.6	
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-7 w/BOEING INLET+FAN CSD	5	94.5	35
SABRELINER	SABRELINER 40	20.20	17.50	JT12A-8	0	94.5	

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-08-71	328.00	258.00	CFM56-2-C1	15	94.5	*
SABRELINER	SABRELINER 60A/60SC	22.70	20.60	JT12A-8	0	94.4	
BOEING	B-777-300	660.00	524.00	PW4090	5	94.4	55
MCDONNELL DOUGLAS	DC-09-30	108.00	98.10	JT8D-17	0	94.3	1
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM-56-2C5		94.3	*
AIRBUS	A330-322	507.06	418.88	PW4168	8	94.3	
BOEING	B-777-200	632.50	470.00	RR TRENT 884	5	94.3	
BOEING	B-767-300	407.00	320.00	PW 4056	5	94.2	
AIRBUS	A330-301	507.06	418.88	CF6-80E1A2	14	94.2	
BOEING	B-777-300	660.00	524.00	RR TRENT 892	5	94.2	
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+ FAN CSD	5	94.1	35
BOEING	B727-100 (FED EX; STC SA3993NM)	174.50	142.50	JT8D-9 w/BOEING INLET+CHIN CSD	5	94.1	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BURBANK INLET+ FAN CSD	5	94.1	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BURBANK INLET+CHIN CSD	5	94.1	35
LEARJET	25C	15.00	13.30	CJ610-6	20	94.0	13
LEARJET	25D	15.00	13.30	CJ610-6	20	94.0	14
AIRBUS	A300B4-203	363.70	299.83	CF6-50-C2	0	94.0	31
BOEING	B-777-200	656.00	470.00	RR TRENT 892	5	94.0	

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	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-9 w/BOEING INLET+FAN CSD	5	93.9	35
MCDONNELL DOUGLAS	MD-11	618.00	471.50	CF6-80C2	10	93.9	
BOEING	B-777-200	656.00	470.00	PW4090	5	93.9	55
BOEING	B-767-300	407.00	320.00	RB211-524G	5	93.8	
MCDONNELL DOUGLAS	DC-10-15	455.00	363.50	CF6-50C2-F	5	93.8	
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.50	162.00	JT8D-217C/JT8D-9	5	93.7	23,60
BOEING	B-767-200	400.00	300.00	PW 4056	1	93.7	
AIRBUS	A300B4-103	347.20	295.40	CF6-50-C2	16	93.6	
LEARJET	25	16.00	13.30	CJ610-6	10	93.5	
LEARJET	25B/C/D/F XR Dee Hwd	16.30	13.30	CJ610-6/8A	10	93.5	
BOEING	B-727-200 RE (ROHR STC SA4363NM)	203.10	164.00	JT8D-217C/JT8D-17A	5	93.4	23
BOEING	B-777-200	656.00	470.00	RR TRENT 895	5	93.4	
AIRBUS UK	1-11 200	80.00	71.00	SPEY 506-14	3	93.3	12
BOEING	B-767-300	407.00	320.00	PW 4060	5	93.2	
LOCKHEED	1329-25 (AIRESEARCH)	44.50	36.00	TFE731-3		93.1	* **
BOEING	B-777-300	660.00	524.00	PW4098	5	93.1	
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-9	5	93.0	23,60
AIRBUS	A310-304	352.74	286.60	CF6-80C2A2	0	92.9	

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	407.00	320.00	RB211-524H	5	92.9	
FOKKER	F28 MK4000	73.00	69.50	SPEY MK555-15P	6	92.9	
MCDONNELL DOUGLAS	MD-11	602.50	430.00	CF6-80C2D1F	10	92.8	
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-17	5	92.8	23
BOEING	B-767-200	360.00	300.00	CF6-80A	1	92.8	
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-15	5	92.7	7,23,64
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-9	5	92.7	7,23,63
LOCKHEED	1329-23 (AIRESEARCH)	43.80		TFE731-3-1E	20	92.7	* **
GULFSTREAM	G-II GULFSTREAM	65.50	58.50	SPEY 511-8	10	92.5	12
RAYTHEON	HAWKER 125- 600A	25.50	22.00	VIPER 601-22	0	92.3	12
BOEING	B-767-300/300ER	412.00	320.00	PW4062 (FB2B)	5	92.2	
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	93.00	JT8D-15	1	92.1	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	98.00	JT8D-15	1	92.1	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	107.00	JT8D-15	1	92.1	27,42
BOEING	B-727-100 (Dee Howard)	169.50	137.50	TAY 651-54	5	92.1	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B4	5	92.1	
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217A	2	92.0	10
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-777-200	545.00	470.00	RR TRENT 875	5	92.0	
BOEING	B-777-200	632.50	470.00	GE90-85B (BLK IV)	5	92.0	54
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	124.50	107.00	JT8D-9	1	91.9	27,41
LEARJET	24D	13.50	11.90	CJ610-6	20	91.9	
FOKKER	F28 MK4000	73.00	65.80	SPEY MK555-15H	6	91.9	
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	122.90	107.00	JT8D-9 w/LGW-L HUSHKIT	1	91.8	36
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	124.50	107.00	JT8D-15	1	91.8	35,42
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	125.90	107.00	JT8D-15 w/LGW-L HUSHKIT	1	91.8	37
LEARJET	24/24D	13.50	11.90	CJ610-6	20	91.8	13
LEARJET	24D	13.50	11.90	CJ610-6	20	91.8	14
AIRBUS	A300B2-1C	313.00	286.60	CF6-50C2-R	0	91.8	
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	95.00	JT8D-9	1	91.7	35,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	107.00	JT8D-9	1	91.7	35,41
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	121.60	107.00	JT8D-15 w/LGW HUSHKIT	1	91.7	37
BOEING	B-767-200	360.00	300.00	CF6-80A2	1	91.7	
BOEING	B-777-200	555.00	470.00	RR TRENT 877	5	91.7	
BOEING	B-767-200/200ER	387.00	300.00	PW4060	1	91.6	
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	117.00	107.00	JT8D-7 w/LGW-N HUSHKIT	1	91.6	40

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 (NORDAM; STC ST00131SE)	118.50	107.00	JT8D-9 w/LGW-N HUSHKIT	1	91.6	36
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	118.70	107.00	JT8D-9 w/LGW HUSHKIT	1	91.6	36
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	0	91.6	25,33
BOEING	B-737-200 (AVAERO;STC ST223CH)	118.50	107.00	JT8D-9	1	91.5	35,41
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	1	91.5	27,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	1	91.5	27,41
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217C	2	91.5	10
AIRBUS	A300 B4-605R	385.46	319.38	CF6-80C2A5F	0	91.5	
BOEING	B-777-200	656.00	470.00	GE90-90B (BLK IV)	5	91.5	54
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	88.00	JT8D-17	1	91.4	27
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	1	91.4	27
BOEING	B-757-200	255.50	210.00	PW 2037	5	91.4	
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7	10	91.4	24
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7/-7A	10	91.4	1
BOEING	B-777-200	632.50	460.00	GE90-85B	5	91.3	53
BOEING	B-777-200	656.00	460.00	GE90-90B	5	91.3	53
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	1	91.2	27
SABRELINER	SABRELINER 80A/80SC	25.50	22.00	CF700-2D-2	0	91.2	*

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-767-300	351.00	320.00	CF6-80A2	5	91.2	
BOEING	B-767-400	450.00	350.00	CF6-80C2B8F	5	91.2	
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW HUSHKIT	1	91.1	37
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-209	0	91.1	10
AIRBUS	A300B2-203	313.10	286.60	CF6-50-C2	16	91.1	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B6	5	91.1	
BOEING	B-777-200	656.00	470.00	GE90-94B BLK IV)	5	91.1	54
GULFSTREAM	G-IIB/G-III	69.70	58.50	SPEY 511-8	10	91.1	12
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	105.00	101.00	JT8D-7/7A/7B	0	91.0	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-7/7A/7B	0	91.0	
MCDONNELL DOUGLAS	DC-09-31/32/32F/33F(ABS;STC SA1613GL)	107.00	101.00	JT8D-7/7A/7B	0	91.0	
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	126.70	107.00	JT8D-15	1	91.0	27,42
LEARJET	25/25B/C Raisb MK II	15.00	13.30	CJ610	10	91.0	
BOEING	B-767-300/300ER	412.00	320.00	PW4056 PH3 (FB2C) NRI	5	91.0	
FOKKER	F28 MK3000	71.00	64.00	SPEY MK555-15H	6	91.0	
BOEING	B-767-200	351.00	285.00	PW4052	1	90.9	
BOEING	B-767-300	407.00	320.00	CF6-80C2B6F	5	90.9	
BOEING	B-777-200	535.00	445.00	PW4074	5	90.9	

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 (NORDAM; STC ST00131SE)	120.50	107.00	JT8D-17/-17A w/LGW HUSHKIT	1	90.8	
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-219	2	90.8	10
BOEING	B-777-200	535.00	445.00	PW4090 at PW4074 rating	5	90.8	55
SABRELINER	SABRELINER 75A	23.00		CF700-2D-2	15	90.7	*
SABRELINER	SABRELINER 80	23.30	22.00	CF700-2D-2		90.7	*
BOEING	B-777-200	545.00	460.00	PW4077	5	90.7	
BOEING	B-767-200/200ER	387.00	300.00	CF6-80C2B4F W/N1 MOD	1	90.6	
MCDONNELL DOUGLAS	DC-09-10 (AIRWELD STC ST00934LA)	108.00	99.00	JT8D-9A	0	90.6	12
AIRBUS	A310-324	330.69	271.16	PW-4152	15	90.6	
BOEING	B-767-200	387.00	300.00	CF6-80C2-B4	1	90.6	
BOEING	B-777-200	545.00	445.00	PW4090 at PW4077 rating	5	90.6	55
AIRBUS	A310-221	305.60	267.90	JT9D-7R4D1	15	90.5	
BOEING	B-767-200/200ER	400.00	300.00	CF6-80C2B6F W/N1 MOD	1	90.5	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	105.00	101.00	JT8D-9/9A	0	90.3	
MCDONNELL DOUGLAS	DC-09-30 (ABS)	111.00	101.00	JT8D-11	0	90.3	
MCDONNELL DOUGLAS	DC-09-30(ABS)	111.00	101.00	JT8D-11	0	90.3	12
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	88.00	JT8D-15	1	90.3	35,42
BOEING	B-767-300/300ER	412.00	320.00	PW4060 PH3 (FB2C) NRI	5	90.3	

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
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)	125.00	107.00	JT8D-17	1	90.2	27
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B2F	1	90.2	
MCDONNELL DOUGLAS	DC-09-30 (ABS;STC SA1613GL)	107.00	101.00	JT8D-9/9A	0	90.1	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-9/9A	0	90.1	
LEARJET	25D/25F	15.00	13.30	CJ610-6/8A	8	90.1	
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	126.50	107.00	JT8D-17	1	90.0	27
DASSAULT	FALCON 20-Basic/D/E	28.66	27.32	CF700-2D-2	15	90.0	
DASSAULT	FALCON 20-F (M1400)	28.66	27.32	CF700-2D-2	10	90.0	
FOKKER	F28 MK2000	65.00		SPEY MK555-15	6	90.0	*
FOKKER	F28 MK1000	65.00	59.00	SPEY MK555-15	6	90.0	
AIRBUS UK	1-11 400 (QTV STC: ST02167AT)	81.90	78.00	SPEY511-14/14W		90.0	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 PH3 (FB2C) NRI	5	89.9	
AIRBUS	A321-211	205.02	171.51	CFM56-5B3/P; Mod. No. 27772		89.8	
BOEING	B-757-300	275.00	224.00	RB211-535-E4	5	89.8	58
BOEING	B-767-200/200ER	395.00	300.00	PW4056 PH3 (FB2C) NRI	1	89.8	
BOEING	B-737-200 (AVAERO;STC ST223CH)	117.00	90.00	JT8D-15	1	89.7	35,42
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-217	0	89.7	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	1	89.7	10
BOEING	B-757-200	255.50	210.00	PW 2040	5	89.7	
BOEING	B-757-200	255.50	210.00	PW 2037QFC	5	89.7	59
BOEING	B-767-200	351.00	300.00	CF6-80C2-B2	1	89.5	
BOEING	B-777-200	545.00	460.00	GE90-76B (BLK IV)	5	89.5	54
BOEING	B-747-400	600.00	564.00	PW4056	10	89.5	
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-217C/JT8D-9	5	89.4	23
BOEING	B-777-200	545.00	460.00	GE90-77B (BLK IV)	5	89.4	54
CESSNA	552	15.50	14.30	JT15D-5	20	89.3	*
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217C	1	89.2	10
LEARJET	24 Raisbeck MK II	13.00	11.90	CJ610-1/-4	10	89.0	
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-219/JT8D-7B	5	89.0	23
BOEING	B-767-200/200ER	395.00	300.00	PW4060 PH3 (FB2C) NRI	1	89.0	
BOEING	B-737-400	142.50	121.00	CFM56-3-B1	5	88.9	
MCDONNELL DOUGLAS	DC-09-20 (ABS;STC SA1613GL)	100.00	93.40	JT8D-9/9A	0	88.8	
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-219/JT8D-9	5	88.8	23
BOEING	B-777-200	545.00	460.00	GE90-77B	5	88.8	53
BOEING	B-777-200	545.00	460.00	GE90-76B	5	88.8	53

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
BEECH	BEECHJET 400	15.78	14.22	JT15D-5	10	88.6	*
MITSUBISHI	MU-300-10 (DIAM. II)	15.78	14.22	JT15D-5	10	88.6	*
BOEING	B-737-700 IGW/-700C	171.00	134.00	CFM56-7B24	1	88.6	51
BOEING	B-737-800	174.20	146.30	CFM56-7B24	1	88.6	
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-219	1	88.5	10
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B4F	1	88.5	
BOEING	B-737-900	174.20	147.30	CFM56-7B24	1	88.4	
BOEING	B-757-300	275.00	224.00	RB211-535E4-B	5	88.4	58
BOEING	B-757-300	275.00	224.00	RB211-535E4-C	5	88.4	58
AIRBUS	A321-231	205.02	171.51	V2533A5		88.2	
BOEING	B-757-200	240.00	210.00	RB211-535C	5	88.1	
BOEING	B-757-200	255.50	210.00	PW 2040QFC	5	88.1	59
LEARJET	23 Raisbeck MK II	12.50	11.90	CJ610-1/-4	10	88.0	
AIRBUS	A320-214	182.80	150.00	CFM56-5B4/P	10	88.0	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	TFE731-3-1H	0	88.0	
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	0	88.0	33
AIRBUS	A300B4-622R	330.00	275.00	PW-4158	0	88.0	
AIRBUS	A320-211	162.00	142.20	CFM56-5A1	10	87.8	

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-737-800	174.20	146.30	CFM56-7B24/2 DAC	1	87.8	50
BOEING	B-737-500	132.80	114.00	CFM56-3-B1(R)	5	87.7	
BOEING	B-737-400	150.00	124.00	CFM56-3B-2	5	87.7	
LEARJET	24B/D Raisbeck MK II	13.50	11.88	CJ610	10	87.6	
BOEING	B-737-300	139.50	121.00	CFM56-3-B1	1	87.5	
AIRBUS	A319-113	158.73	149.91	CFM56-5A4	10	87.5	
BOEING	B-737-800W	174.20	146.30	CFM56-7B24	1	87.5	52
DASSAULT	FALCON 20-G (M2500)	32.00	27.56	ATF3-6-2C	10	87.5	
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B26; -7B26/B1	1	87.4	
BOEING	B-737-500	139.00	114.00	CFM56-3-B1	5	87.3	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	5	87.3	58
BOEING	B-737-900	174.20	147.30	CFM56-7B26	1	87.2	
MCDONNELL DOUGLAS	DC-09-10 (ABS)	90.70	81.70	JT8D-7/7A/7B	10	87.2	6
BOEING	B-737-400	150.00	124.00	CFM56-3C-1	5	87.1	
BOEING	B-737-700	154.50	129.20	CFM56-7B20	1	87.1	
BOEING	B-737-700 IGW/-700C/BBJ	171.00	134.00	CFM56-7B26; -7B26/B1	1	87.1	51
LEARJET	28/29	15.00	14.30	CJ610-8A	8	87.0	
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B27; -7B27/B3	1	87.0	

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
LEARJET	55C	21.50	17.00	TFE731-3AR-3B	20	87.0	*
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	5	86.9	38
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	5	86.9	
BOEING	B-737-800W	174.20	146.30	CFM56-7B24/2 DAC	1	86.9	50,52
AIRBUS	A319-114	163.14	149.91	CFM56-5A5	10	86.8	
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B27/B1; -7B27/B2	1	86.8	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	5	86.8	
BOEING	B-737-800	174.20	146.30	CFM56-7B26/2 DAC	1	86.7	50
BOEING	B-737-900	174.20	147.30	CFM56-7B27	1	86.7	
LEARJET	55C	21.50	18.00	TFE731-3AR-2B	20	86.7	*
AIRBUS	A320-231	162.00	142.20	V2500.A1	10	86.6	
BOEING	B-737-700 IGW/BBJ	171.00	134.00	CFM56-7B27/B3	1	86.6	51
BOEING	B-737-900	174.20	147.30	CFM56-7B27/B1	1	86.6	
BAE SYSTEMS (BAe)	146-300A	97.50	84.50	ALF502R-5	18	86.5	
BOEING	B-737-700	154.50	129.20	CFM56-7B20/2 DAC	1	86.4	50
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B26; -7B26/B1	1	86.4	52
BAE SYSTEMS (BAe)	146-300	101.50	88.50	LF 507-1H/-1F	18	86.3	
MITSUBISHI	MU-300 (DIAMOND I)	14.10	13.20	JT15D-4	10	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
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	5	86.3	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	5	86.3	
BOEING	B-737-700	154.50	129.20	CFM56-7B22	1	86.3	
AIRBUS	A319-112	166.44	149.91	CFM56-5B6/P	10	86.3	
LEARJET	55B	21.50	18.00	TFE731-3A-2B	20	86.3	*
BOEING	B-757-200	255.50	210.00	RB211-535E4-B	5	86.2	58
BAE SYSTEMS (AVRO)	146-RJ 100	101.50	88.50	LF 507-1F	18	86.1	
BOEING	B-737-800	174.20	146.30	CFM56-7B27/2 DAC	1	86.1	50
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B27; -7B27/B3	1	86.0	52
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	5	85.9	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	5	85.9	
BOEING	B-737-700	154.50	129.20	CFM56-7B24	1	85.9	
BOEING	B-737-800	174.20	146.30	CFM56-7B27/2B1 DAC	1	85.9	50
BAE SYSTEMS (BAe)	146-200A	89.50	77.50	ALF502R-3	18	85.9	
LEARJET	24F	13.50	11.90	CJ610-6	8	85.8	
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B27/B1; -7B27/B2	1	85.8	52
BOEING	B-737-300	139.50	121.00	CFM56-3B-2	1	85.7	
BOEING	B-737-600	143.50	120.50	CFM56-7B18	1	85.7	

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-757-200	255.50	210.00	RB211-535E4-B	5	85.7	
RAYTHEON	HAWKER 125-1000	35.50	28.50	PW305	0	85.7	
BOEING	B-737-700	154.50	129.20	CFM56-7B22/2 DAC	1	85.6	50
BOEING	B-737-800W	174.20	146.30	CFM56-7B26/2 DAC	1	85.6	50,52
LEARJET	55	21.00	17.00	TFE731-3A-2B	8	85.5	*
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	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	5	85.4	38
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	5	85.4	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	5	85.4	38
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	5	85.4	
BOEING	B-737-600	143.50	120.50	CFM56-7B20	1	85.4	
ISRAEL AIRCRAFT	1124A WESTWIND 2	23.50	19.00	TFE731-3-1G	20	85.4	*
LOCKHEED	1329-25 (STAR 3 STC# ST00259SE)	44.50	36.00	TFE731-3-1R	20	85.4	
AIRBUS	A319-131	158.73	149.91	V2522-A5	10	85.3	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	1	85.2	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	1	85.2	38
BOEING	B-737-600	143.50	120.50	CFM56-7B/2 DAC (B18 derate)	1	85.2	50

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
LOCKHEED	1329-23A/D/E (STAR 3 STC ST00258SE)	44.25	36.00	TFE731-3-1R	20	85.2	
BAE SYSTEMS (BAe)	146-200A	93.00	81.00	ALF502R-5	18	85.2	
BOEING	B-737-800W	174.20	146.30	CFM56-7B27/2 DAC	1	85.1	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B27/2B1 DAC	1	85.0	50,52
BOEING	B-737-600	143.50	120.50	CFM56-7B20/2 DAC	1	84.9	50
BAE SYSTEMS (BAe)	146-200A	89.50	77.50	ALF502R-3A	18	84.9	
DASSAULT	FALCON 50 (M1230)	40.78	35.71	TFE731-3-1C	20	84.8	
BOMBARDIER	CL-600 (WINGLETS)	41.25	36.00	ALF-502L/L-2/L-2C	20	84.8	
BOEING	B-737-700	154.50	129.20	CFM56-7B24/2 DAC	1	84.7	50
BOMBARDIER	CL-600	41.25	36.00	ALF-502L/L-2/L-2C	20	84.7	*
BOEING	B-737-700	154.50	129.20	CFM56-7B26	1	84.6	
CESSNA	560 CITATION V	16.30	15.20	JT15D-5A	7	84.6	
LEARJET	35/36	18.00	14.30	TFE731-2-2B	20	84.5	*
BOEING	B-737-600	143.50	120.50	CFM56-7B22	1	84.4	
LEARJET	24E	12.90	11.90	CJ610-6	8	84.3	
BAE SYSTEMS (AVRO)	146-RJ 85	97.00	85.00	LF 507-1F	18	84.3	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2525-D5	5	84.2	
RAYTHEON	HAWKER 125- 1A	21.70	19.60	TFE731-3-1H	0	84.2	

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
RAYTHEON	HAWKER 125- 3A	21.70	20.00	TFE731-3-1H	0	84.2	
BOEING	B-717-200	121.00	110.00	BR700-715A1-30 (MP)	5	84.1	49
ISRAEL AIRCRAFT	1125 ASTRA	24.70	20.70	TFE731-3A-200G	12	84.1	
BAE SYSTEMS (AVRO)	146-RJ 70	90.00	83.50	LF 507-1F	18	84.1	
BOEING	B-717-200	121.00	110.00	BR700-715A1-30	5	84.0	48
SABRELINER	SABRELINER 65	24.00	21.80	TFE731-3R		84.0	*
BOMBARDIER	CL-600	40.40	36.00	ALF 502L/L-2/L-2C	20	84.0	*
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	1	83.9	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	1	83.9	38
LEARJET	36A	18.30	15.30	TFE731-2-2B	20	83.9	*
DASSAULT	FALCON 200 (M5634)	32.00	28.88	ATF3-6A-4C	5	83.9	
BOEING	B-737-700	154.50	129.20	CFM56-7B26/2 DAC	1	83.8	50
DASSAULT	FALCON 50 (M2193)	40.79	35.72	TFE731-40-1	20	83.8	
BOEING	B-737-600	143.50	120.50	CFM56-7B22/2 DAC	1	83.7	50
EMBRAER	EMB-145EP	46.29	41.22	AE3007A	9	83.7	*
LEARJET	24F-A	12.50	11.90	CJ610-6	8	83.6	
LEARJET	35A	18.00	14.30	TFE731-2-2B	8	83.6	*
BAE SYSTEMS (AVRO)	146-RJ 70	95.00	83.50	LF 507-1F	18	83.6	4

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	288.70	280.00	CF6-80C2B2	5	83.1	
DASSAULT	FALCON 50 (M1810)	40.79	35.72	TFE731-40-1	20	83.0	
CESSNA	560 CITATION Ultra	16.30	15.20	JT15D-5D	7	82.9	
LEARJET	31A	17.00	16.00	TFE731-2-3B	8	82.9	
DASSAULT	FALCON 20-C5/D5/E5 (M3500)	29.10	27.73	TFE731-5AR-2C	15	82.9	
DASSAULT	FALCON 20-C5/D5/E5 (M3547)	30.50	28.88	TFE731-5BR-2C	15	82.9	
DASSAULT	FALCON 900 (M1196)	46.50	42.00	TFE731-5AR-1C	20	82.9	
BOMBARDIER	CL-600-2C10 (CRJ700)	75.00	66.90	CF34-8C1	8	82.7	
BOMBARDIER	BD-700-1A10 (Global Express)	96.00	78.50	BR700-710-A2-20	16	82.7	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2528-D5	5	82.6	
BAE SYSTEMS (BAe)	146-100A	82.25	73.35	ALF502R-3A	18	82.3	
BOEING	B-717-200	121.00	110.00	BR700-715C1-30 (MP)	5	82.2	49
DASSAULT	FALCON 10	19.30	17.64	TFE731-2-1C	15	82.2	
CESSNA	650 CITATION VI	22.45	20.00	TFE731-3C-100S	7	82.2	
BOEING	B-717-200	121.00	110.00	BR700-715C1-30	5	82.1	48
DASSAULT	FALCON 20-Basic/D/E/F (M2851)	28.66	27.32	CF700-2D-2Q	0	81.9	
DASSAULT	FALCON 20-F5 (M3547)	30.50	28.88	TFE731-5BR-2C	10	81.9	
DASSAULT	FALCON 900	45.50	42.00	TFE731-5AR-1C	20	81.9	

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
BAE SYSTEMS (AVRO)	146-RJ 85	89.50	77.50	LF 507-1F	18	81.9	
DASSAULT	FALCON 20-F5 (M3500)	29.10	27.73	TFE731-5AR-2C	10	81.8	
BAE SYSTEMS (BAe)	146-100A	84.00	77.50	ALF502R-5	18	81.8	
FOKKER	F100	98.00	88.00	TAY MK650-15	0	81.8	
BOMBARDIER	CL-600	36.00	33.00	ALF-502	20	81.6	*
BOEING	B-757-200	187.00	198.00	PW 2037	5	81.5	
RAYTHEON	C-29A	28.00	23.35	TFE731-5R-1H	0	81.4	
GULFSTREAM	G200	34.85	28.00	PW306A	25	81.4	46
GULFSTREAM	G200	34.85	28.00	PW306A	25	81.4	47
ISRAEL AIRCRAFT	Galaxy	34.85	28.00	PW306A	0	81.4	
MITSUBISHI	MU-300 (DIAMOND I)	15.50	13.20	JT15D-4D	0	81.2	
ISRAEL AIRCRAFT	1124 WESTWIND	22.90	19.00	TFE731-3-1G	20	81.2	
BOMBARDIER	CL-604	48.20	38.00	GE CF34-3B	20	81.2	*
LEARJET	31	16.50	15.30	TFE731-2-3B	8	81.0	*
RAYTHEON	HAWKER 125- 800	27.40	23.35	TFE731-5R-1H	0	80.9	
RAYTHEON	HAWKER 125- 800A	27.40	23.35	TFE731-5R-1H	0	80.9	25
DASSAULT	FALCON 900B (M1200)	46.50	42.00	TFE731-5BR-1C	20	80.7	
BAE SYSTEMS (BAe)	146-100A	76.00	72.35	ALF502R-3	18	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
BOMBARDIER	CL-601-1A	45.10	36.00	CF-34-1A	20	80.5	*
DASSAULT	FALCON 20-C5/D5/E5 (M3530)	29.10	27.73	TFE-731-5BR-2C	15	80.3	
GULFSTREAM	G-V	90.50	75.30	BR700-710A1-10	10	80.3	
CESSNA	551 CITATION II	12.50	12.00	JT15D-4	15	80.1	*
CESSNA	650 CITATION III	22.00	20.00	TFE731-3B-100S	7	80.1	22
FOKKER	F70	92.00	81.00	TAY MK620-15	0	80.1	
CESSNA	S550 CITATION S/II	15.10	14.40	JT15D-4B	7	80.0	
ISRAEL AIRCRAFT	1125 ASTRA SPX	24.65	20.70	TFE731-40R	0	79.9	
BOMBARDIER	CL-601	43.00	36.00	CF34-1A	20	79.9	*
BOMBARDIER	CL-601-3A	45.10	36.00	CF-34-3A/-3A2	20	79.8	*
BOMBARDIER	CL-601-3R	45.10	36.00	CF-34-3A1	20	79.8	*
DASSAULT	FALCON 900EX (M3000)	49.00	44.50	TFE731-60-1	20	79.8	
BOMBARDIER	CL-600-2B19 (CRJ)	53.00	47.00	CF-34-3A1	20	79.8	
DASSAULT	FALCON 2000	36.50	33.00	CFE738-1-1B	20	79.4	
BOMBARDIER	CL-601-3A	43.10	36.00	CF-34-3A	20	79.4	*
EMBRAER	EMB-145LR	48.50	42.54	AE3007A1/1	9	79.4	
DASSAULT	FALCON 20-F5 (M3530)	29.10	27.73	TFE-731-5BR-2C	10	79.3	
LEARJET	35A/36A	18.30	15.30	TFE731-2-2B	8	79.2	

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
GULFSTREAM	G100	24.65	20.70	TFE731-40R-200G	25	79.1	
CESSNA	650 CITATION VII	23.00	20.00	TFE731-4R-3S	7	78.9	
BOMBARDIER	CL-600-2B19 (CRJ)	53.00	47.00	CF-34-3B1	20	78.7	
CESSNA	500/501 CITATION I	11.80	11.30	JT15D-1/-1A	15	78.0	*
EMBRAER	EMB-135LR	44.09	40.78	AE3007A1/3	9	77.9	
EMBRAER	EMB-145ER	45.41	41.22	AE3007A	9	77.9	
GULFSTREAM	G-IV GULFSTREAM w/ASC 190	74.60	66.00	TAY 611-8	20	77.5	
GULFSTREAM	G-IV	73.20	58.50	TAY 611-8	10	76.8	
RAYTHEON	390 PREMIER	12.50	11.60	FJ44-2A	0	76.6	
FAIRCHILD DORNIER	DORNIER 328-300 Mod 10	34.52	31.72	PW306B	12	76.5	
CESSNA	500 CITATION	10.30	9.90	JT15D-1	15	76.4	*
FAIRCHILD DORNIER	DORNIER 328-300	33.51	31.06	PW306B	12	76.1	
BOMBARDIER	BD700-1A10 (Global Express) (Learjet STC: SA8184NM-D)	75.00	75.00	Rolls Royce/ BR700-710-A2-20	16	75.6	
CESSNA	525A CITATION JET II (CJ-2)	12.37	11.50	FJ44-2C	15	74.5	
LEARJET	45	20.50	19.20	TFE731-20R-1B or (-20AR-1B)	8	74.4	
AEROSPATIALE	SN601 CORVETTE	14.60	13.20	JT15D-4	15	74.0	
CESSNA	550 CITATION Bravo	14.80	13.50	PW530A	15	73.7	
CESSNA	525 CESSNA JET	10.40	9.70	FJ44-1A	15	73.4	

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
CESSNA	560XL EXCEL	20.00	18.70	PW545A	7	72.4	
CESSNA	750 CITATION X	35.70	31.80	AE3007C	15	72.3	
CESSNA	550 CITATION II	14.10	13.50	JT15D-4	0	71.6	
LEARJET	60	23.10	19.50	PW305A	8	70.8	
LEARJET	60	23.50	19.50	PW305A	8	70.8	
CESSNA	560 ENCORE	16.63	15.20	PW535A	7	70.3	

Refer to Appendix 1 for Note Explanations

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-08-63 (ADC QN)	355.00	275.00	JT3D-3B	50	108.5	6,**
MCDONNELL DOUGLAS	DC-08-63 (ADC QN)	355.00	275.00	JT3D-7	50	108.4	6,**
BOEING	B-707-300B ADV/C (SHN)	330.00	201.00	JT3D-7	25	108.3	6,**
MCDONNELL DOUGLAS	DC-08-62 (ADC QN)	350.00	250.00	JT3D-7	50	108.3	6,**
MCDONNELL DOUGLAS	DC-08-62 (ADC QN)	350.00	250.00	JT3D-3B	50	108.3	6,**
BOEING	B-707-300B ADV/C (SHN)	321.00	240.00	JT3D-3B	25	108.2	6,**
MCDONNELL DOUGLAS	DC-08-53 (BAC STC: SA3915NM)	315.00	203.30	JT3D-3B	50	108.1	6,26,**
MCDONNELL DOUGLAS	DC-08-52 (BAC STC: SA3915NM)	305.00	201.90	JT3D-3B	50	108.0	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 (BAC STC: SA3915NM)	315.00	240.00	JT3D-3B	35	107.9	6,26,**
MCDONNELL DOUGLAS	DC-08-55 (BAC STC: SA3915NM)	325.00	240.00	JT3D-3B	35	107.9	6,26,**
MCDONNELL DOUGLAS	DC-08-61 (BAC STC: SA3915NM)	325.00	240.00	JT3D-3B	35	107.9	6,26,**
BOEING	B-707-300B ADV/C (QNC)	335.00	247.50	JT3D-3B	25	107.9	6,**
MCDONNELL DOUGLAS	DC-08-62 (TNC QN)	350.00	250.00	JT3D-3B	50	107.9	6,**
MCDONNELL DOUGLAS	DC-08-63 (TNC QN)	350.00	250.00	JT3D-3B	50	107.9	6,**
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-1	50	107.8	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-3B	50	107.8	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	286.00	199.50	JT3D-3B	50	107.8	6,26,**

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	800.00	630.00	JT9D-7J	30	107.8	* **
BOEING	B-747-200	800.00	630.00	JT9D-7F	30	107.8	* **
BOEING	B-747-200	805.00	630.00	JT9D-7FW	30	107.8	* **
MCDONNELL DOUGLAS	DC-08-63 (BAC II STC: SA4892NM)	353.00	275.00	JT3D-7	50	107.6	6,26,**
MCDONNELL DOUGLAS	DC-08-62 (TNC QN)	355.00	275.00	JT3D-7	35	107.6	6,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC PLS QN)	315.00	240.00	JT3D-3B	35	107.4	6,26,**
MCDONNELL DOUGLAS	DC-08F-55 (QNC PLS QN)	317.80	240.00	JT3D-3B	35	107.4	6,26,**
BOEING	B-747-100	710.00	564.00	JT9D-7	30	107.4	* **
BOEING	B-747-100	750.00	585.00	JT9D-7F	30	107.4	* **
BOEING	B-747-100	750.00	585.00	JT9D-7FW	30	107.4	* **
BOEING	B-747-200	812.00	630.00	JT9D-7FW/-7J	30	107.4	* **
MCDONNELL DOUGLAS	DC-08F-54 (QNC PLS QN)	315.00	217.00	JT3D-3B	35	107.3	6,**
MCDONNELL DOUGLAS	DC-08-63 (TNC QN)	355.00	275.00	JT3D-7	35	107.3	6,**
BOEING	B-747-200	785.00	630.00	JT9D-7WET	30	107.3	* **
BOEING	B-747-200	785.00	630.00	JT9D-7A	30	107.3	* **
BOEING	B-747-200	820.00	630.00	RB211-524B/B2	30	107.3	**
BOEING	B-747-300	820.00	630.00	RB211-524B2	30	107.3	**
MCDONNELL DOUGLAS	DC-08-52 (QNC PLS QN)	300.00	202.00	JT3D-3B	35	107.2	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-08-55 (QNC PLS QN)	320.30	217.00	JT3D-3B	35	107.2	6,26,**
MCDONNELL DOUGLAS	DC-08-61 (QNC PLS QN)	270.00	240.00	JT3D-3B	35	107.2	6,26,**
MCDONNELL DOUGLAS	DC-08-61 (QNC PLS QN)	320.30	240.00	JT3D-3B	35	107.2	6,**
BOEING	B-747-100	734.00	564.00	JT9D-3A	30	107.2	* **
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	276.00	199.50	JT3D-1	35	107.1	6,**
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	276.00	199.50	JT3D-3B	35	107.1	6,**
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	286.00	207.00	JT3D-3B	35	107.1	6,26,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	315.00	207.00	JT3D-3B	35	107.1	6,**
MCDONNELL DOUGLAS	DC-08-53 (QNC PLS QN)	318.00	207.00	JT3D-3B	35	107.1	6,26,**
MCDONNELL DOUGLAS	DC-08-51 (QNC PLS QN)	276.00	199.50	JT3D-3B	35	107.0	6,26,**
MCDONNELL DOUGLAS	DC-08-52 (QNC PLS QN)	300.00	202.00	JT3D-3B	35	107.0	6,26,**
BOEING	B-747-SP	702.00	410.00	RB211-524D4	30	107.0	
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	
MCDONNELL DOUGLAS	DC-08-61F (QNC QN)	309.80	248.00	JT3D-3B	25	106.9	6,26,**
BOEING	B-747-SR	610.00	564.00	JT9D-7A	30	106.9	*
BOEING	B-747-100	750.00	585.00	JT9D-7A	30	106.9	* **
BOEING	B-747-100	750.00	585.00	JT9D-7WET	30	106.9	* **

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	770.00	564.00	JT9D-7	30	106.7	* **
BOEING	B-747-200	773.00	585.00	JT9D-3AWET	30	106.7	* **
MCDONNELL DOUGLAS	DC-10-30	565.00	411.00	CF6-50A	50	106.6	*
MCDONNELL DOUGLAS	DC-10-30	572.00	411.00	CF6-50C/H	50	106.6	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C1	50	106.6	
BOEING	B-747-200	833.00	630.00	JT9D-7R4G2	30	106.6	**
BOEING	B-747-300	833.00	630.00	JT9D-7R4G2	30	106.6	
MCDONNELL DOUGLAS	DC-08-61 (QNC QN)	309.80	240.00	JT3D-3B	25	106.5	6,26,**
MCDONNELL DOUGLAS	DC-08F-54 (QNC QN)	309.80	240.00	JT3D-3B	25	106.5	6,26,**
MCDONNELL DOUGLAS	DC-08F-55 (QNC QN)	309.80	240.00	JT3D-3B	25	106.5	6,26,**
BOEING	B-747-200	767.00	564.00	JT9D-3A	30	106.5	* **
BOEING	B-747-100	750.00	585.00	RB211-524C2	30	106.5	* **
BOEING	B-747-300	800.00	630.00	CF6-50E2	30	106.5	
BOEING	B-747-200	833.00	630.00	CF6-50E2	30	106.5	
MCDONNELL DOUGLAS	DC-10-40	555.00	403.00	JT9D-59A	50	106.4	*
MCDONNELL DOUGLAS	DC-10-30	590.00	436.00	CF6-50C2	50	106.4	15
BOEING	B-727-200	177.60	142.50	JT8D-7FCD	40	106.3	3,16
MCDONNELL DOUGLAS	DC-08F-54/55 (BAC STC: SA3915NM)	313.70	240.00	JT3D-3B	35	106.3	6,26,**

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	MD-10-30	580.00	436.00	CF6-50C2	50	106.3	57
MCDONNELL DOUGLAS	DC-10-30	572.00	424.00	CF6-50C2-B	50	106.0	15
BOEING	B-747-200	750.00	630.00	JT9D-7F	25	106.0	30
BOEING	B-747-200	770.00	630.00	JT9D-7J	25	106.0	30
BOEING	B-747-200	820.00	630.00	JT9D-70A	30	106.0	
MCDONNELL DOUGLAS	MD-10-10	440.00	373.50	CF6-6D	50	105.9	56
MCDONNELL DOUGLAS	MD-10-10	440.00	373.50	CF6-6D W/ FSMS	50	105.9	56
BOEING	B-727-100	169.50	137.50	JT8D-9FCD	40	105.8	3,17
BOEING	B-727-200	178.00	150.00	JT8D-9FCD	30	105.8	3,17
MCDONNELL DOUGLAS	DC-10-30	572.00	421.00	CF6-50C2-R	50	105.8	
BOEING	B-707-300B ADV/C (SHN)	322.30	247.00	JT3D-1-3B(IC)	25	105.7	6,21,**
MCDONNELL DOUGLAS	DC-10-40	530.00	403.00	JT9D-20D	50	105.7	*
BOEING	B-747-200	710.00	630.00	JT9D-3A	25	105.7	30
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1	50	105.5	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D	50	105.5	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6D1A	50	105.5	*
BOEING	B-747-100	734.00	630.00	JT9D-7A	25	105.5	29
BOEING	B-747-SR	571.00	564.00	CF6-45A2	30	105.4	

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-737-200 NON-ADV.	117.00	101.70	JT8D-9QN	40	105.3	2,17
BOEING	B-737-200 ADV.	122.50	105.00	JT8D-9QN	40	105.3	2,17
BOEING	B-707-120B (SHANNON)	258.00	190.00	JT3D-1	30	105.3	21,**
BOEING	B-707-138B (SHANNON)	258.00	190.00	JT3D-1	30	105.3	21,**
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2	50	105.3	
MCDONNELL DOUGLAS	DC-10-30	590.00	411.00	CF6-50C2-B	50	105.3	
BOEING	B-747-300	820.00	630.00	JT9D-70A	30	105.3	**
MCDONNELL DOUGLAS	DC-08-55 (QNC QN)	309.80	217.00	JT3D-3B	25	105.2	6,26,**
BOEING	B-747-200	734.00	630.00	JT9D-7	25	105.2	30
BOEING	B-747-300	833.00	666.00	CF6-80C2B1	30	105.2	
MCDONNELL DOUGLAS	DC-08-55 (BAC STC: SA3915NM)	325.00	217.00	JT3D-3B	35	105.1	6,26,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	306.80	207.00	JT3D	25	105.0	6,**
BOEING	B-747-200	734.00	630.00	JT9D-7A	25	105.0	30
BOEING	B-727-200	172.50	142.50	JT8D-7QN	40	104.9	2,16
BOEING	B-747-200	833.00	630.00	RB211-524D4	30	104.9	
BOEING	B-747-300	833.00	630.00	RB211-524D4	30	104.9	**
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-1	30	104.7	6,**
BOEING	B-720B (SHANNON)	234.00	175.00	JT3D-3B	30	104.7	6,**

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-08-52 (QNC QN)	300.00	202.00	JT3D-3B	25	104.7	6,**
BOEING	B-747-400	875.00	652.00	PW4056	30	104.7	
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	286.00	207.00	JT3D-3B	25	104.6	6,26,**
MCDONNELL DOUGLAS	DC-08-53 (QNC QN)	309.80	207.00	JT3D-3B	25	104.6	6,26,**
BOEING	B-747-100	710.00	540.00	JT9D-3A	25	104.6	29
BOEING	B-727-200	203.10	158.00	JT8D-17QN	40	104.5	2,19
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	25	104.5	6,**
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	CF6-80C2D1F	50	104.5	
BOEING	B-747-100	750.00	520.00	JT9D-7F	25	104.5	29
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4460	50	104.4	
MCDONNELL DOUGLAS	MD-11	630.50	481.50	PW4462	50	104.4	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4460 (-3)	50	104.4	
MCDONNELL DOUGLAS	MD-11 A-1	630.50	481.50	PW4462 (-3)	50	104.4	
MCDONNELL DOUGLAS	MD-10-10	440.00	375.00	CF6-6K	50	104.4	56
MCDONNELL DOUGLAS	MD-10-10	440.00	375.00	CF6-6K W/ FSMS	50	104.4	56
BOEING	B-747-200	833.00	630.00	JT9D-7Q	25	104.4	
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-9	50	104.3	24

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-727-100	169.50	137.50	JT8D-1FCD	40	104.3	3
BOEING	B-727-100	169.50	137.50	JT8D-7FCD	40	104.3	3,16
MCDONNELL DOUGLAS	DC-08-52 (QNC QN)	300.00	202.00	JT3D-3B	25	104.3	6,26,**
MCDONNELL DOUGLAS	MD-11	618.00	471.50	CF6-80C2	50	104.3	
MCDONNELL DOUGLAS	DC-08-51 (QNC QN)	276.00	199.50	JT3D-3B	25	104.2	6,26,**
BOEING	B-747-100	734.00	540.00	JT9D-7	25	104.1	29
MCDONNELL DOUGLAS	DC-08-55/F54 (BAC STC: SA3915NM)	313.70	217.00	JT3D-3B	35	104.0	6,26,**
BOEING	B-737-200 ADV.	128.10	88.00	JT8D-15QN	40	103.8	2,18
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K	50	103.8	*
MCDONNELL DOUGLAS	DC-10-10	455.00	363.50	CF6-6K2	50	103.8	*
BOEING	B-747-SP	660.00	475.00	JT9D-7F	30	103.8	
BOEING	B-747-SP	702.00	475.00	JT9D-7J	30	103.8	
BOEING	B-747-400	870.00	652.00	RB211-524H	30	103.8	
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F	30	103.8	
BOEING	B-747-400	875.00	652.00	RB211-524H2	30	103.8	
BOEING	B-747-400	875.00	652.00	RB211-524G	30	103.8	
BOEING	B-747-400	875.00	652.00	CF6-80C2B1F W/N1 MOD	30	103.8	
BOEING	B-747-400	875.00	652.00	CF6-80C2B5F	30	103.8	

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	MD-11	602.50	430.00	CF6-80C2D1F	50	103.6	
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2B)	30	103.6	
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-1	35	103.4	6,**
MCDONNELL DOUGLAS	DC-08-51 (BAC STC: SA3915NM)	276.00	199.50	JT3D-3B	35	103.4	6,**
BOEING	B-747-400	875.00	652.00	PW4056 PKG B/PHASE I	30	103.4	
LOCKHEED	L1011-385-1-14/15	466.00	368.00	RB211-524B4	42	103.3	*
BOEING	B-727-200	184.80	142.50	JT8D-9QN	40	103.2	2,17
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
BOEING	B-747-SP	696.00	450.00	RB211-524B2	30	103.2	
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7	50	103.1	24
AIRBUS	A300B2-1C	313.00	286.60	CF6-50C2-R	25	103.1	
AIRBUS	A300B2-203	313.10	286.60	CF6-50-C2	25	103.1	
MCDONNELL DOUGLAS	DC-10-15	455.00	363.50	CF6-50C2-F	50	103.1	
BOEING	B-747-400	600.00	564.00	PW4056	30	103.1	
DASSAULT	FALCON 20-F (M1400)	28.66	27.32	CF700-2D-2	40	103.0	
AIRBUS	A300B4-103	347.20	295.40	CF6-50-C2	25	103.0	
BOEING	B-767-300	351.00	320.00	JT9D-7R4E	30	103.0	

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
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C)	30	103.0	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	VIPER 601-22	45	102.9	12
BOEING	B-707-300B/C (QSI STC: ST00702LA)	336.00	247.00	JT3D-3B	25	102.9	12
BOEING	B-747-SP	701.00	465.00	JT9D-7A	30	102.9	
BOEING	B-737-200 ADV.	128.10	79.10	JT8D-17QN	40	102.8	2,19
BOEING	B-707-100B (QNC)	241.30	190.00	JT3D-1	30	102.8	6,**
BOEING	B-707-100B (QNC)	258.00	190.00	JT3D-3B	30	102.8	6,**
LOCKHEED	L-1011	430.00	358.00	RB211-22B	42	102.8	5 *
LOCKHEED	L-1011-1	430.00	358.00	RB211-22B	42	102.8	5 *
LOCKHEED	L-1011-100	466.00	368.00	RB211-22B	42	102.8	5 *
LOCKHEED	L1011-385-1-14/15	474.00	368.00	RB211-22B	42	102.8	
LEARJET	25D	15.00	13.30	CJ610-6	40	102.7	14
BOEING	B-707-300B/C (QSI STC: ST00702LA)	336.00	247.00	JT3D-7	25	102.7	12
MCDONNELL DOUGLAS	DC-08-63 (BAC II STC: SA4892NM or SA5455NM)	353.00	267.00	JT3D-7	35	102.7	12
BOEING	B-767-200	351.00	300.00	JT9D-7R4D(A)	30	102.7	
BOEING	B-767-200	360.00	300.00	JT9D-7R4D(B)	30	102.6	
BOEING	B-767-200	360.00	300.00	JT9D-7R4E	30	102.6	
AIRBUS	A300B4-203	363.70	299.83	CF6-50-C2	25	102.4	31

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
SABRELINER	SABRELINER 60A/60SC	22.70	20.60	JT12A-8		102.2	
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM or SA5455NM)	335.00	250.00	JT3D-7	35	102.2	12
BOEING	B-747-400	875.00	652.00	PW4056 PH3 (FB2C) NR	30	102.1	
BOEING	B-737-200 NON-ADV.	109.00	98.00	JT8D-7QN	40	102.1	2,16
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM)	350.00	240.00	JT3D-7	35	102.0	12
LOCKHEED	L-1011-500	510.00	368.00	RB211-524B4	33	102.0	*
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-17	50	101.9	1
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-17	50	101.9	1
MCDONNELL DOUGLAS	DC-09-50	121.00	110.00	JT8D-15	50	101.9	1
FOKKER	F28 MK2000	65.00		SPEY MK555-15	42	101.8	*
LEARJET	24D	13.50	11.90	CJ610-6	40	101.7	14
LEARJET	28/29	15.00	14.30	CJ610-8A	40	101.7	
DASSAULT	FALCON 20-Basic/D/E	28.66	27.32	CF700-2D-2	40	101.7	
BOEING	B-767-200	360.00	300.00	CF6-80A2	30	101.7	
BOEING	B-767-200	360.00	300.00	CF6-80A	30	101.7	
BOEING	B-767-300	351.00	320.00	CF6-80A	30	101.7	
BOEING	B-767-300	351.00	320.00	CF6-80A2	30	101.7	
BOEING	B-720B (QNC)	234.00	175.00	JT3D-3B	30	101.6	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-720B (QNC)	234.00	175.00	JT3D-1	30	101.6	6,**
MCDONNELL DOUGLAS	DC-08-61 (BAC II STC: SA4892NM)	325.00	240.00	JT3D-3B	35	101.6	12
LOCKHEED	L-1011-500	496.00	368.00	RB211-524B	33	101.5	5 *
FOKKER	F28 MK4000	73.00	69.50	SPEY MK555-15P	42	101.4	
MCDONNELL DOUGLAS	DC-09-34	121.00	110.00	JT8D-15	50	101.4	1
LOCKHEED	L-1011-200	466.00	368.00	RB211-524B	33	101.4	5 *
BOEING	B-747-400	870.00	652.00	CF6-80C2B1F	25	101.4	
AIRBUS	A300B4-622R	330.00	275.00	PW-4158	40	101.3	
FOKKER	F28 MK1000	65.00	59.00	SPEY MK555-15	42	101.2	
SABRELINER	SABRELINER 80A/80SC	25.50	22.00	CF700-2D-2		101.1	*
MCDONNELL DOUGLAS	DC-09-30	108.00	98.10	JT8D-17	50	101.1	1
BOEING	B-707-100B (BAC II STC: ST00956LA)	200.00	160.00	JT3D-1	30	101.1	12
BOEING	B-777-300	660.00	524.00	PW4098	30	101.1	
LEARJET	25C	15.00	13.30	CJ610-6	40	100.8	13
LEARJET	24/24D	13.50	11.90	CJ610-6	40	100.7	13
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA4892NM)	348.00	240.00	JT3D-3B	35	100.7	12
AIRBUS	A310-221	305.60	267.90	JT9D-7R4D1	40	100.6	
MCDONNELL DOUGLAS	DC-09-10	90.70	81.70	JT8D-7/-7A	50	100.4	1

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-777-300	660.00	524.00	RR TRENT 892	30	100.4	
BOEING	B-777-300	660.00	524.00	RR TRENT 884	30	100.4	
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BURBANK INLET+ FAN CSD	30	100.3	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BURBANK INLET+CHIN CSD	30	100.3	35
SABRELINER	SABRELINER 75A	23.00		CF700-2D-2	25	100.2	*
SABRELINER	SABRELINER 80	23.30	22.00	CF700-2D-2		100.2	*
BOEING	B-737-400	142.50	121.00	CFM56-3-B1	40	100.2	
BOEING	B-737-400	150.00	124.00	CFM56-3C-1	40	100.2	
BOEING	B-737-400	150.00	124.00	CFM56-3B-2	40	100.2	
MCDONNELL DOUGLAS	DC-08-62 (BAC II STC: SA5455NM)	350.00	240.00	JT3D-3B	35	100.2	12
AIRBUS	A310-324	330.69	271.16	PW-4152	40	100.2	
BOEING	B-767-300	407.00	320.00	PW 4060	30	100.2	
BOEING	B-767-300	407.00	320.00	PW 4056	30	100.2	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 (FB2B)	30	100.2	
LOCKHEED	L-1011-500	504.00	368.00	RB211-524B3	33	100.2	5 *
BOEING	B-737-300	139.50	121.00	CFM56-3B-2	40	100.1	
BOEING	B-737-300	139.50	121.00	CFM56-3-B1	40	100.1	
BOEING	B-737-500	132.80	114.00	CFM56-3-B1(R)	40	100.0	

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
BOEING	B-737-500	139.00	114.00	CFM56-3-B1	40	100.0	
AIRBUS	A300 B4-605R	385.46	319.38	CF6-80C2A5F	40	100.0	
AIRBUS UK	1-11 400	89.50	79.00	SPEY511-14/14W	45	99.9	12
BOEING	B727-200 (RAISBECK STC ST00685SE)	193.00	161.00	JT8D-15	30	99.9	45
BOEING	B-777-300	660.00	524.00	PW4090	30	99.9	55
BOEING	B-767-300	407.00	320.00	RB211-524H	30	99.8	
BOEING	B-767-300	407.00	320.00	RB211-524G	30	99.8	
DASSAULT	FALCON 20-Basic/D/E/F (M2851)	28.66	27.32	CF700-2D-2Q	40	99.7	
AIRBUS UK	1-11 400	87.00	77.20	SPEY511-14/14W	45	99.7	12
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BOEING INLET+FAN CSD	30	99.7	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-9 w/BOEING INLET+CHIN CSD	30	99.7	35
BOEING	B-757-200	240.00	210.00	RB211-535C	25	99.6	
BOEING	B-777-200	545.00	470.00	RR TRENT 875	30	99.5	
BOEING	B-777-200	555.00	470.00	RR TRENT 877	30	99.5	
BOEING	B-777-200	632.50	470.00	RR TRENT 884	30	99.5	
BOEING	B-777-200	656.00	470.00	RR TRENT 895	30	99.5	
BOEING	B-777-200	656.00	470.00	RR TRENT 892	30	99.5	
FOKKER	F28 MK3000	71.00	64.00	SPEY MK555-15H	42	99.4	

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
FOKKER	F28 MK4000	73.00	65.80	SPEY MK555-15H	42	99.4	
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-9	50	99.4	1
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-11	50	99.4	1
MCDONNELL DOUGLAS	DC-09-40	114.00	102.00	JT8D-15	50	99.4	1
BOEING	B727-200 (FED EX; STC SA4833NM)	178.00	161.00	JT8D-7 w/BURBANK INLET+ FAN CSD	30	99.4	35
BOEING	B-727-200 RE (ROHR STC SA4363NM)	203.10	164.00	JT8D-217C/JT8D-17A	30	99.3	23
BOEING	B-777-200	656.00	470.00	PW4090	30	99.2	55
MCDONNELL DOUGLAS	DC-09-34	110.00	101.00	JT8D-9	50	99.1	1
BOEING	B727-100 (FED EX; STC SA3993NM)	175.50	154.50	JT8D-7 w/BURBANK INLET+CHIN CSD	30	99.1	35
BOEING	B727-100 (FED EX; STC SA3993NM)	175.50	154.50	JT8D-7 w/BOEING INLET+CHIN CSD	30	99.1	35
BOEING	B727-200 (FED EX; STC SA4833NM)	178.42	154.50	JT8D-7 w/BURBANK INLET+CHIN CSD	30	99.1	35
BOEING	B-727-200 RE (ROHR STC SA4363NM)	209.42	164.00	JT8D-217C/JT8D-15	30	99.1	23,61
LEARJET	25/25B/C Raisb MK II	15.00	13.30	CJ610	40	99.0	
LEARJET	25	16.00	13.30	CJ610-6	40	99.0	
LEARJET	25B/C/D/F XR Dee Hwd	16.30	13.30	CJ610-6/8A	40	99.0	
MCDONNELL DOUGLAS	DC-09-30	114.00	102.00	JT8D-15	50	99.0	1
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-7 w/BOEING INLET+FAN CSD	30	99.0	35
BOEING	B727-200 (FED EX; STC SA4833NM)	177.60	154.50	JT8D-7 w/BOEING INLET+CHIN CSD	30	99.0	35

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 RE (ROHR STC SA4363NM)	198.50	162.00	JT8D-217C/JT8D-9	30	99.0	23,60
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-9	30	99.0	7,23,63
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-9	30	99.0	23,60
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-15	30	99.0	7,23,64
BOEING	B-727-200 RE (ROHR STC SA4363NM)	209.50	162.00	JT8D-217C/JT8D-17	30	99.0	23,62
BOEING	B-777-200	535.00	445.00	PW4074	30	99.0	
BOEING	B-777-200	545.00	460.00	PW4077	30	99.0	
BOEING	B727-100 (FED EX; STC SA3993NM)	174.50	142.50	JT8D-9 w/BOEING INLET+CHIN CSD	30	98.9	35
BOEING	B-727-200 RE (ROHR STC SA4363NM)	198.70	162.00	JT8D-219/JT8D-17	30	98.9	23
BOEING	B-777-200	535.00	445.00	PW4090 at PW4074 rating	30	98.9	55
BOEING	B-777-200	545.00	445.00	PW4090 at PW4077 rating	30	98.9	55
BOEING	B727-100 (FED EX; STC SA3993NM)	174.50	142.50	JT8D-9 w/BURBANK INLET+CHIN CSD	30	98.8	35
AIRBUS	A310-304	352.74	286.60	CF6-80C2A2	40	98.8	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	40	98.7	
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	40	98.7	
BOEING	B-767-400	450.00	350.00	CF6-80C2B8F	30	98.7	
AIRBUS	A330-301	507.06	418.88	CF6-80E1A2	32	98.7	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	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-767-200/200ER	387.00	300.00	PW4060	30	98.6	
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	124.50	107.00	JT8D-9	40	98.6	27,41
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	126.50	107.00	JT8D-17	40	98.6	27
BOEING	B-737-200 ADV (NORDAM; STC SA5730NM)	126.70	107.00	JT8D-15	40	98.6	27,42
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	40	98.6	
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	40	98.6	
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	40	98.6	
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	40	98.6	
BOEING	B727-200 (FED EX; STC SA5839NM)	201.00	166.00	JT8D-15 w/BURBANK INLET+ FAN CSD	30	98.6	27
MCDONNELL DOUGLAS	DC-08-71	328.00	258.00	CFM56-2-C1	50	98.6	*
BOEING	B-767-200	400.00	300.00	PW 4056	30	98.6	
SABRELINER	SABRELINER 60	20.20		JT12A-8	24	98.5	*
BOEING	B727-200 (FED EX; STC SA5839NM)	191.20	160.00	JT8D-9 w/BURBANK INLET+CHIN CSD	30	98.5	27
BOEING	B727-200 (FED EX; STC SA5839NM)	191.20	160.00	JT8D-9 w/BURBANK INLET+ FAN CSD	30	98.5	27
MCDONNELL DOUGLAS	DC-08-73	355.00	275.00	CFM56-2-C1	50	98.5	*
BOEING	B-767-300	407.00	320.00	CF6-80C2B6F	30	98.5	
SABRELINER	SABRELINER 40	20.20	17.50	JT12A-8	25	98.4	
BOEING	B-727-100 (Dee Howard)	169.50	137.50	TAY 651-54	40	98.4	

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	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-9 w/BOEING INLET+FAN CSD	30	98.4	35
BOEING	B727-200 (FED EX; STC SA5839NM)	204.50	159.00	JT8D-17 w/BURBANK INLET+CHIN OR FAN CSD	30	98.4	27
BOEING	B727-200 (FED EX; STC SA5839NM)	197.50	161.00	JT8D-17R w/BURBANK INLET+CHIN OR FAN CSD	30	98.4	27
BOEING	B-767-300	407.00	320.00	CF6-80C2-B6	30	98.4	
BOEING	B-767-300	407.00	320.00	CF6-80C2-B4	30	98.4	
GULFSTREAM	G-II GULFSTREAM	65.50	58.50	SPEY 511-8	39	98.3	12
MCDONNELL DOUGLAS	DC-08-71	325.00	240.00	CFM-56-2C5		98.3	*
BOEING	B-777-200	632.50	470.00	GE90-85B (BLK IV)	30	98.3	54
BOEING	B-777-200	656.00	470.00	GE90-90B (BLK IV)	30	98.3	54
BOEING	B-777-200	656.00	470.00	GE90-94B BLK IV)	30	98.3	54
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-7 w/BURBANK INLET+ FAN CSD	30	98.2	35
MCDONNELL DOUGLAS	DC-08-72	350.00	250.00	CFM56-2-C1	50	98.2	*
BOEING	B-767-200	351.00	285.00	PW4052	30	98.2	
BOEING	B-737-200 (AVAERO;STC ST223CH)	117.00	90.00	JT8D-15	40	98.1	35,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	95.00	JT8D-9	40	98.1	35,41
BOEING	B727-200 (FED EX; STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+CHIN CSD	30	98.1	27
BOEING	B727-200 (FED EX; STC SA5839NM)	199.05	166.00	JT8D-15 w/BOEING INLET+FAN CSD	30	98.1	27
BOEING	B-757-200	255.50	210.00	PW 2037	30	98.1	

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	255.50	210.00	PW 2040	30	98.1	
BOEING	B-777-200	545.00	460.00	GE90-77B (BLK IV)	30	98.1	54
BOEING	B-777-200	545.00	460.00	GE90-76B (BLK IV)	30	98.1	54
LEARJET	24B/D Raisbeck MK II	13.50	11.88	CJ610	40	98.0	
LEARJET	23 Raisbeck MK II	12.50	11.90	CJ610-1/-4		98.0	
LEARJET	24 Raisbeck MK II	13.00	11.90	CJ610-1/-4		98.0	
BOEING	B-737-200 (AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	40	98.0	27,41
BOEING	B727-100 (FED EX; STC SA3993NM)	169.50	142.50	JT8D-7 w/BOEING INLET+FAN CSD	30	98.0	35
BOEING	B727-200 (FED EX; STC SA5839NM)	196.00	166.00	JT8D-9 w/BOEING INLET+CHIN CSD	30	98.0	27
BOEING	B727-200 (FED EX; STC SA5839NM)	196.00	166.00	JT8D-9 w/BOEING INLET+FAN CSD	30	98.0	27
BOEING	B727-200 (FED EX; STC SA5839NM)	203.10	166.00	JT8D-17 w/BOEING INLET+CHIN OR FAN CSD	30	98.0	27
AIRBUS	A330-321	507.06	418.88	PW4164	32	98.0	
AIRBUS	A330-322	507.06	418.88	PW4168	32	98.0	
BOEING	B-767-300/300ER	412.00	320.00	PW4062 PH3 (FB2C) NRI	30	97.9	
BOEING	B-767-300/300ER	412.00	320.00	PW4060 PH3 (FB2C) NRI	30	97.9	
AIRBUS UK	1-11 200	80.00	71.00	SPEY 506-14	45	97.8	12
BOEING	B-777-200	545.00	460.00	GE90-77B	30	97.8	53
BOEING	B-777-200	545.00	460.00	GE90-76B	30	97.8	53

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-777-200	632.50	460.00	GE90-85B	30	97.8	53
BOEING	B-777-200	656.00	460.00	GE90-90B	30	97.8	53
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	119.50	88.00	JT8D-15	40	97.7	35,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	121.50	107.00	JT8D-9	40	97.7	27,41
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	125.00	107.00	JT8D-17	40	97.7	27
BOEING	B-737-400	142.50	124.00	CFM56-3 w/HWFAP	40	97.7	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	40	97.7	38
BOEING	B-737-400	150.00	124.00	CFM56-3 w/HWFAP	40	97.7	38
BOEING	B-757-200	187.00	198.00	PW 2037	30	97.7	
BOEING	B-737-500	132.80	114.00	CFM56-3 w/HWFAP	40	97.6	38
BOEING	B-737-500	139.00	114.00	CFM56-3 w/HWFAP	40	97.6	38
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	40	97.6	38
BOEING	B-737-300	139.50	121.00	CFM56-3 w/HWFAP	40	97.6	38
BOEING	B-767-300/300ER	412.00	320.00	PW4056 PH3 (FB2C) NRI	30	97.6	
BAE SYSTEMS (BAe)	146-300	101.50	88.50	LF 507-1H/-1F	33	97.6	
BAE SYSTEMS (AVRO)	146-RJ 100	101.50	88.50	LF 507-1F	33	97.6	
BOEING	B727-200 (RAISBECK STC ST00399SE)	166.40	153.30	JT8D-9	25	97.6	17,34,43
BOEING	B727-200 (FED EX; STC SA5839NM)	197.00	154.50	JT8D-17R w/BOEING INLET+CHIN OR FAN CSD	30	97.6	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
BAE SYSTEMS (AVRO)	146-RJ 70	90.00	83.50	LF 507-1F	33	97.5	
BAE SYSTEMS (AVRO)	146-RJ 70	95.00	83.50	LF 507-1F	33	97.5	4
GULFSTREAM	G-IIB/G-III	69.70	58.50	SPEY 511-8	39	97.3	12
BAE SYSTEMS (AVRO)	146-RJ 85	97.00	85.00	LF 507-1F	33	97.3	
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	97.3	1
BOEING	B-757-200	255.50	210.00	PW 2040QFC	30	97.3	59
BOEING	B-757-200	255.50	210.00	PW 2037QFC	30	97.3	59
BOEING	B727-100 (RAISBECK STC ST00448SE)	172.60	142.50	JT8D-7	25	97.2	16,43
BOEING	B727-100 (DUGAN AIR STC)	174.50	142.50	JT8D-7	26	97.2	
BOEING	B727-200 (RAISBECK STC ST00555SE)	179.70	166.00	JT8D-9	30	97.2	34,44
AIRBUS	A340-312	595.24	440.92	CFM56-5C3	32	97.2	
AIRBUS	A340-212	595.25	440.92	CFM56-5C3	32	97.2	
DASSAULT	FALCON 50 (M1230)	40.78	35.71	TFE731-3-1C	48	97.1	
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	93.00	JT8D-15	40	97.1	27,42
BOEING	B-737-200 ADV(AVAERO;STC ST223CH)	128.10	98.00	JT8D-15	40	97.1	27,42
BOEING	B727-200 (DUGAN AIR STC)	190.50	164.00	JT8D-9	26	97.0	
BOEING	B727-200 (DUGAN AIR STC)	209.41	164.00	JT8D-15	26	97.0	

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
LOCKHEED	1329-23 (AIRESEARCH)	43.80		TFE731-3-1E	59	96.9	* **
LOCKHEED	1329-23A/D/E (STAR 3 STC ST00258SE)	44.25	36.00	TFE731-3-1R	59	96.9	
LOCKHEED	1329-25 (AIRESEARCH)	44.50	36.00	TFE731-3		96.9	* **
LOCKHEED	1329-25 (STAR 3 STC# ST00259SE)	44.50	36.00	TFE731-3-1R	59	96.9	
BAE SYSTEMS (AVRO)	146-RJ 85	89.50	77.50	LF 507-1F	33	96.9	
BOEING	B-737-800	174.20	146.30	CFM56-7B24/2 DAC	40	96.8	50
BOEING	B-737-800	174.20	146.30	CFM56-7B26/2 DAC	40	96.8	50
BOEING	B-737-800	174.20	146.30	CFM56-7B27/2 DAC	40	96.8	50
BOEING	B-737-800	174.20	146.30	CFM56-7B27/2B1 DAC	40	96.8	50
LEARJET	24D	13.50	11.90	CJ610-6	40	96.7	
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	88.00	JT8D-17	40	96.7	27
BOEING	B-767-200/200ER	395.00	300.00	PW4056 PH3 (FB2C) NRI	30	96.6	
BOEING	B-767-200/200ER	395.00	300.00	PW4060 PH3 (FB2C) NRI	30	96.6	
AIRBUS	A320-231	162.00	142.20	V2500.A1	40	96.6	
BOEING	B-737-800W	174.20	146.30	CFM56-7B27/2B1 DAC	40	96.6	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B27/2 DAC	40	96.6	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B26/2 DAC	40	96.6	50,52
BOEING	B-737-800W	174.20	146.30	CFM56-7B24/2 DAC	40	96.6	50,52

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	A321-211	205.02	171.51	CFM56-5B3/P; Mod. No. 27772	25	96.6	
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
BOEING	B-737-800	174.20	146.30	CFM56-7B24	40	96.5	
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B26; -7B26/B1	40	96.5	
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B27/B1; -7B27/B2	40	96.5	
BOEING	B-737-800/BBJ 2	174.20	146.30	CFM56-7B27; -7B27/B3	40	96.5	
BOEING	B-767-300	288.70	280.00	CF6-80C2B2	30	96.5	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B4F	30	96.5	
BOEING	B-767-200/200ER	360.00	300.00	CF6-80C2B2F	30	96.5	
BOEING	B-767-200/200ER	387.00	300.00	CF6-80C2B4F W/N1 MOD	30	96.5	
BOEING	B-767-200/200ER	400.00	300.00	CF6-80C2B6F W/N1 MOD	30	96.5	
AIRBUS	A320-211	162.00	142.20	CFM56-5A1	35	96.4	
BOEING	B-737-900	174.20	147.30	CFM56-7B27/B1	40	96.4	
BOEING	B-737-900	174.20	147.30	CFM56-7B24	40	96.4	
BOEING	B-737-900	174.20	147.30	CFM56-7B26	40	96.4	
BOEING	B-737-900	174.20	147.30	CFM56-7B27	40	96.4	
BOEING	B-767-200	351.00	300.00	CF6-80C2-B2	30	96.4	

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-767-200	387.00	300.00	CF6-80C2-B4	30	96.4	
RAYTHEON	HAWKER 125- 3A	21.70	20.00	TFE731-3-1H	45	96.3	
RAYTHEON	HAWKER 125- 600A	25.50	22.00	TFE731-3-1H	45	96.3	
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	45	96.3	33
BOEING	B-737-200 (AVAERO;STC ST223CH)	118.50	107.00	JT8D-9	30	96.3	35,41
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)	124.50	107.00	JT8D-15	30	96.3	35,42
BOEING	B-737-800W	174.20	146.30	CFM56-7B24	40	96.3	52
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B26; -7B26/B1	40	96.3	52
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B27/B1; -7B27/B2	40	96.3	52
BOEING	B-737-800W/BBJ 2	174.20	146.30	CFM56-7B27; -7B27/B3	40	96.3	52
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)	118.50	107.00	JT8D-9 w/LGW-N HUSHKIT	30	96.2	36
BOEING	B-737-700	154.50	129.20	CFM56-7B26/2 DAC	40	96.2	50
BOEING	B-737-700	154.50	129.20	CFM56-7B24/2 DAC	40	96.2	50
BOEING	B-737-700	154.50	129.20	CFM56-7B20/2 DAC	40	96.2	50
BOEING	B-737-700	154.50	129.20	CFM56-7B22/2 DAC	40	96.2	50
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	105.00	101.00	JT8D-9/9A	40	96.1	

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-737-700 IGW/-700C	171.00	134.00	CFM56-7B24	40	96.1	51
BOEING	B-737-700 IGW/-700C/BBJ	171.00	134.00	CFM56-7B26; -7B26/B1	40	96.1	51
BOEING	B-737-700 IGW/BBJ	171.00	134.00	CFM56-7B27/B3	40	96.1	51
RAYTHEON	HAWKER 125- 1A	21.70	19.60	TFE731-3-1H	45	96.0	
RAYTHEON	HAWKER 125- 700A	25.50	22.00	TFE731-3-1H	45	96.0	25,33
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1613GL)	105.00	101.00	JT8D-7/7A/7B	40	96.0	
MCDONNELL DOUGLAS	DC-09-30 (ABS;STC SA1613GL)	107.00	101.00	JT8D-9/9A	40	96.0	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-7/7A/7B	40	96.0	
MCDONNELL DOUGLAS	DC-09-30(ABS/SA1785GL)	107.00	101.00	JT8D-9/9A	40	96.0	
MCDONNELL DOUGLAS	DC-09-31/32/32F/33F(ABS;STC SA1613GL)	107.00	101.00	JT8D-7/7A/7B	40	96.0	
MCDONNELL DOUGLAS	DC-09-30 (ABS)	111.00	101.00	JT8D-11	40	96.0	
MCDONNELL DOUGLAS	DC-09-30(ABS)	111.00	101.00	JT8D-11	40	96.0	12
DASSAULT	FALCON 20-G (M2500)	32.00	27.56	ATF3-6-2C	40	95.9	
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)	120.50	107.00	JT8D-17/-17A w/LGW HUSHKIT	30	95.9	
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)	122.90	107.00	JT8D-9 w/LGW-L HUSHKIT	30	95.9	36
BOEING	B-737-200 ADV (NORDAM; STC ST00131SE)	125.90	107.00	JT8D-15 w/LGW-L HUSHKIT	30	95.9	37

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-737-700	154.50	129.20	CFM56-7B20	40	95.9	
BOEING	B-737-700	154.50	129.20	CFM56-7B26	40	95.9	
BOEING	B-737-700	154.50	129.20	CFM56-7B22	40	95.9	
BOEING	B-737-700	154.50	129.20	CFM56-7B24	40	95.9	
RAYTHEON	C-29A	28.00	23.35	TFE731-5R-1H	45	95.8	
BAE SYSTEMS (BAe)	146-200A	93.00	81.00	ALF502R-5	33	95.8	
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW-L HUSHKIT	30	95.8	37
BOEING	B-737-200 (NORDAM;STC ST00131SE)	119.50	103.00	JT8D-15 w/LGW HUSHKIT	30	95.8	37
BOEING	B-737-600	143.50	120.50	CFM56-7B/2 DAC (B18 derate)	40	95.8	50
BOEING	B-737-600	143.50	120.50	CFM56-7B20/2 DAC	40	95.8	50
BOEING	B-737-600	143.50	120.50	CFM56-7B22/2 DAC	40	95.8	50
AIRBUS	A320-214	182.80	150.00	CFM56-5B4/P	35	95.8	
AIRBUS	A321-231	205.02	171.51	V2533A5	25	95.8	
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	
MCDONNELL DOUGLAS	DC-09-20 (ABS;STC SA1613GL)	100.00	93.40	JT8D-9/9A	40	95.7	
BAE SYSTEMS (BAe)	146-100A	84.00	77.50	ALF502R-5	33	95.6	
BAE SYSTEMS (BAe)	146-200A	89.50	77.50	ALF502R-3	33	95.6	

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
BAE SYSTEMS (BAe)	146-200A	89.50	77.50	ALF502R-3A	33	95.6	
BAE SYSTEMS (BAe)	146-300A	97.50	84.50	ALF502R-5	33	95.6	
MCDONNELL DOUGLAS	DC-09-10 (AIRWELD STC ST00934LA)	108.00	99.00	JT8D-9A	40	95.6	12
BOEING	B-737-600	143.50	120.50	CFM56-7B22	40	95.5	
BOEING	B-737-600	143.50	120.50	CFM56-7B20	40	95.5	
BOEING	B-737-600	143.50	120.50	CFM56-7B18	40	95.5	
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-217C/JT8D-9	30	95.4	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-219/JT8D-7B	30	95.4	23
BOEING	B727-100 RE (ROHR STC SA4363NM)	174.50	142.50	JT8D-219/JT8D-9	30	95.4	23
BOEING	B-757-300	275.00	224.00	RB211-535E4-B	30	95.4	58
BOEING	B-757-300	275.00	224.00	RB211-535-E4	30	95.4	58
BOEING	B-757-300	275.00	224.00	RB211-535E4-C	30	95.4	58
LEARJET	24F-A	12.50	11.90	CJ610-6	40	95.3	
LEARJET	24E	12.90	11.90	CJ610-6	40	95.3	
LEARJET	24F	13.50	11.90	CJ610-6	40	95.3	
LEARJET	25D/25F	15.00	13.30	CJ610-6/8A	40	95.2	
DASSAULT	FALCON 10	19.30	17.64	TFE731-2-1C	52	95.2	
DASSAULT	FALCON 50 (M2193)	40.79	35.72	TFE731-40-1	48	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
DASSAULT	FALCON 50 (M1810)	40.79	35.72	TFE731-40-1	48	95.2	
BAE SYSTEMS (BAe)	146-100A	82.25	73.35	ALF502R-3A	33	95.2	
BOEING	B-757-200	255.50	210.00	RB211-535E4-B	30	95.2	58
BOEING	B-757-200	255.50	210.00	RB211-535E4-B	30	95.2	
BOEING	B-757-200	255.50	210.00	RB211-535-E4	30	95.2	58
BOEING	B-757-200	255.50	210.00	RB211-535-E4	30	95.2	
BAE SYSTEMS (BAe)	146-100A	76.00	72.35	ALF502R-3	33	95.1	
MCDONNELL DOUGLAS	DC-09-10 (ABS)	90.70	81.70	JT8D-7/7A/7B	40	95.0	6
BOEING	B-737-200 (AVAERO;STC ST223CH)	128.10	107.00	JT8D-17	30	94.8	27
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)	128.10	107.00	JT8D-15	30	94.8	27,42
AIRBUS	A319-113	158.73	149.91	CFM56-5A4	40	94.8	
AIRBUS	A319-114	163.14	149.91	CFM56-5A5	40	94.8	
AIRBUS	A319-131	158.73	149.91	V2522-A5	40	94.5	
AIRBUS	A319-112	166.44	149.91	CFM56-5B6/P	40	94.4	
DASSAULT	FALCON 200 (M5634)	32.00	28.88	ATF3-6A-4C	40	94.2	
CESSNA	650 CITATION III	22.00	20.00	TFE731-3B-100S	37	93.8	22
CESSNA	650 CITATION VI	22.45	20.00	TFE731-3C-100S	40	93.8	

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 UK	1-11 400 (QTV STC: ST02167AT)	81.90	78.00	SPEY511-14/14W	26	93.8	
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217A	40	93.7	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-217C	40	93.7	10
MCDONNELL DOUGLAS	MD-80	160.00	150.00	JT8D-219	40	93.7	10
LEARJET	45	20.50	19.20	TFE731-20R-1B or (-20AR-1B)	40	93.4	
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217A	40	93.3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-217C	40	93.3	10
MCDONNELL DOUGLAS	MD-87	149.50	130.00	JT8D-219	40	93.3	10
LEARJET	31A	17.00	16.00	TFE731-2-3B	40	93.1	
CESSNA	560XL EXCEL	20.00	18.70	PW545A	35	93.1	
DASSAULT	FALCON 2000	36.50	33.00	CFE738-1-1B	40	93.1	
ISRAEL AIRCRAFT	1124 WESTWIND	22.90	19.00	TFE731-3-1G	40	93.0	
FOKKER	F100	98.00	88.00	TAY MK650-15	42	93.0	
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-209	40	92.9	10
MCDONNELL DOUGLAS	MD-80	149.50	130.00	JT8D-217	40	92.9	10
ISRAEL AIRCRAFT	1124A WESTWIND 2	23.50	19.00	TFE731-3-1G	40	92.8	*
GULFSTREAM	G200	34.85	28.00	PW306A	40	92.7	46
ISRAEL AIRCRAFT	Galaxy	34.85	28.00	PW306A	40	92.7	

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
LEARJET	31	16.50	15.30	TFE731-2-3B	40	92.6	*
EMBRAER	EMB-145ER	45.41	41.22	AE3007A	45	92.6	
EMBRAER	EMB-145EP	46.29	41.22	AE3007A	45	92.6	*
BOMBARDIER	CL-600-2C10 (CRJ700)	75.00	66.90	CF34-8C1	45	92.6	
EMBRAER	EMB-145LR	48.50	42.54	AE3007A1/1	45	92.5	
LEARJET	55C	21.50	17.00	TFE731-3AR-3B	40	92.4	*
LEARJET	55C	21.50	18.00	TFE731-3AR-2B	40	92.4	*
ISRAEL AIRCRAFT	1125 ASTRA SPX	24.65	20.70	TFE731-40R	40	92.3	
EMBRAER	EMB-135LR	44.09	40.78	AE3007A1/3	45	92.3	
DASSAULT	FALCON 900EX (M3000)	49.00	44.50	TFE731-60-1	40	92.3	
LEARJET	35/36	18.00	14.30	TFE731-2-2B	40	92.2	*
CESSNA	525 CESSNA JET	10.40	9.70	FJ44-1A	35	92.1	
FAIRCHILD DORNIER	DORNIER 328-300 Mod 10	34.52	31.72	PW306B	32	92.1	
BOMBARDIER	CL-600-2B19 (CRJ)	53.00	47.00	CF-34-3A1	45	92.1	
BOMBARDIER	CL-600-2B19 (CRJ)	53.00	47.00	CF-34-3B1	45	92.1	
BOEING	B-717-200	121.00	110.00	BR700-715C1-30 (MP)	40	92.1	49
BOEING	B-717-200	121.00	110.00	BR700-715A1-30 (MP)	40	92.1	49
RAYTHEON	390 PREMIER	12.50	11.60	FJ44-2A	30	92.0	

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
RAYTHEON	HAWKER 125-1000	35.50	28.50	PW305	25	92.0	
GULFSTREAM	G-IV GULFSTREAM w/ASC 190	74.60	66.00	TAY 611-8	39	92.0	
GULFSTREAM	G100	24.65	20.70	TFE731-40R-200G	40	91.9	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2525-D5	40	91.9	
MCDONNELL DOUGLAS	MD-90-30	166.00	142.00	V2528-D5	40	91.9	
DASSAULT	FALCON 900	45.50	42.00	TFE731-5AR-1C	40	91.7	
DASSAULT	FALCON 900 (M1196)	46.50	42.00	TFE731-5AR-1C	40	91.7	
DASSAULT	FALCON 900B (M1200)	46.50	42.00	TFE731-5BR-1C	40	91.7	
BOMBARDIER	CL-600	40.40	36.00	ALF 502L/L-2/L-2C	45	91.6	*
BOMBARDIER	CL-600	41.25	36.00	ALF-502L/L-2/L-2C	45	91.6	*
BOMBARDIER	CL-600 (WINGLETS)	41.25	36.00	ALF-502L/L-2/L-2C	45	91.6	
BOEING	B-717-200	121.00	110.00	BR700-715A1-30	40	91.6	48
BOEING	B-717-200	121.00	110.00	BR700-715C1-30	40	91.6	48
CESSNA	525A CITATION JET II (CJ-2)	12.37	11.50	FJ44-2C	35	91.4	
BEECH	BEECHJET 400	15.78	14.22	JT15D-5	30	91.4	*
MITSUBISHI	MU-300-10 (DIAM. II)	15.78	14.22	JT15D-5	30	91.4	*
LEARJET	35A/36A	18.30	15.30	TFE731-2-2B	40	91.4	
LEARJET	36A	18.30	15.30	TFE731-2-2B	40	91.4	*

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	35A	18.00	14.30	TFE731-2-2B	40	91.3	*
CESSNA	550 CITATION Bravo	14.80	13.50	PW530A	40	91.2	
BOMBARDIER	CL-600	36.00	33.00	ALF-502	45	91.2	*
FAIRCHILD DORNIER	DORNIER 328-300	33.51	31.06	PW306B	32	91.1	
LEARJET	55B	21.50	18.00	TFE731-3A-2B	40	91.0	*
GULFSTREAM	G-IV	73.20	58.50	TAY 611-8	39	91.0	
GULFSTREAM	G200	34.85	28.00	PW306A	40	90.9	47
CESSNA	650 CITATION VII	23.00	20.00	TFE731-4R-3S	40	90.8	
GULFSTREAM	G-V	90.50	75.30	BR700-710A1-10	39	90.8	
DASSAULT	FALCON 20-C5/D5/E5 (M3500)	29.10	27.73	TFE731-5AR-2C	40	90.7	
DASSAULT	FALCON 20-C5/D5/E5 (M3530)	29.10	27.73	TFE-731-5BR-2C	40	90.7	
LEARJET	55	21.00	17.00	TFE731-3A-2B	40	90.6	*
SABRELINER	SABRELINER 65	24.00	21.80	TFE731-3R		90.6	*
DASSAULT	FALCON 20-C5/D5/E5 (M3547)	30.50	28.88	TFE731-5BR-2C	40	90.6	
CESSNA	551 CITATION II	12.50	12.00	JT15D-4	40	90.5	*
CESSNA	550 CITATION II	14.10	13.50	JT15D-4	40	90.5	
CESSNA	560 ENCORE	16.63	15.20	PW535A	35	90.5	
DASSAULT	FALCON 20-F5 (M3547)	30.50	28.88	TFE731-5BR-2C	40	90.3	

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
BOMBARDIER	CL-604	48.20	38.00	GE CF34-3B	45	90.3	*
CESSNA	750 CITATION X	35.70	31.80	AE3007C	35	90.2	
BOMBARDIER	CL-601-1A	45.10	36.00	CF-34-1A	45	90.1	*
BOMBARDIER	CL-601-3A	45.10	36.00	CF-34-3A/-3A2	45	90.1	*
BOMBARDIER	CL-601-3R	45.10	36.00	CF-34-3A1	45	90.1	*
AEROSPATIALE	SN601 CORVETTE	14.60	13.20	JT15D-4	35	90.0	
DASSAULT	FALCON 20-F5 (M3500)	29.10	27.73	TFE731-5AR-2C	40	90.0	
DASSAULT	FALCON 20-F5 (M3530)	29.10	27.73	TFE-731-5BR-2C	40	90.0	
ISRAEL AIRCRAFT	1125 ASTRA	24.70	20.70	TFE731-3A-200G	40	89.8	
BOMBARDIER	BD-700-1A10 (Global Express)	96.00	78.50	BR700-710-A2-20	30	89.8	
BOMBARDIER	BD700-1A10 (Global Express) (Learjet STC: SA8184NM-D)	75.00	75.00	Rolls Royce/ BR700-710-A2-20	30	89.7	
BOMBARDIER	CL-601	43.00	36.00	CF34-1A	45	89.4	*
BOMBARDIER	CL-601-3A	43.10	36.00	CF-34-3A	45	89.4	*
CESSNA	560 CITATION V	16.30	15.20	JT15D-5A	35	88.9	
CESSNA	552	15.50	14.30	JT15D-5	35	88.5	*
FOKKER	F70	92.00	81.00	TAY MK620-15	42	88.3	
CESSNA	500/501 CITATION I	11.80	11.30	JT15D-1/-1A	40	87.9	*
CESSNA	500 CITATION	10.30	9.90	JT15D-1	40	87.7	*

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
LEARJET	60	23.10	19.50	PW305A	40	87.7	
LEARJET	60	23.50	19.50	PW305A	40	87.7	
CESSNA	S550 CITATION S/II	15.10	14.40	JT15D-4B	35	86.2	
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	
CESSNA	560 CITATION Ultra	16.30	15.20	JT15D-5D	35	85.7	

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	83.8	96.8	3	
ATR42-200	34.20	PW 120				14SF-1		V							
AEROSPATIALE	35.60	PRATT&WHITNEY	2	2000	1200	HAMILTON STD	156	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	83.7	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	82.2	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	83.0	83.9	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	77.6	80.9	93.0	3	
ATR42-400	39.50	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	15	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	156	4	15	30	85.2	84.8	94.1	3	
ATR72-100	43.90	PW 124				14SF11		V							
AEROSPATIALE	48.50	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	84.7	94.1	3	
ATR72-200	47.10	PW 124				14SF11		V							
AEROSPATIALE	47.40	PRATT&WHITNEY	2	2450	1200	HAMILTON STD	156	4	15	33	80.2	84.8	92.7	3	
ATR72-210	47.10	PW 127				247F		V							
AEROSPATIALE	47.40	PRATT&WHITNEY	2	2450	1200	HAMILTON STD	156	4	15	33	86.1	86.1	94.2	3	
ATR72-210	47.10	PW 127				14SF11		V							

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

MANUFACTURER / MODEL	MTOW MLW 1000#	ENGINE DATA MFR, MODEL	NO.	SHP	RPM	PROPELLER MFR, MODEL	DIAM (IN)	BLADES PITCH	FLAPS TO	FLAPS AP	NOISE LEVEL (EPNdB) TO	SL	AP	STAGE	NOTES
AEROSPATIALE	48.50	PRATT&WHITNEY	2	2450	1200	HAMILTON STD	156	4	15	33	86.5	86.0	94.2	3	
ATR72-210	48.20	PW 127				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 SYSTEMS (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 SYSTEMS (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 SYSTEMS (BAe)	46.00	ROLLS ROYCE	2	2470	1394	DOWTY ROTOL	144	4	8	28	88.7	93.3	92.8	3	1
748-2B	43.00	DART 536-2				CR212/4-30-4/22		V							
BAE SYSTEMS (BAe)	50.55	PRATT&WHITNEY	2	2160	1200	HAMILTON STD.	165	6	7	22	80.7	82.1	96.5	3	
ATP	49.05	PW124A				6/5500/F		V							
BAE SYSTEMS (BAe)	50.55	PRATT&WHITNEY	2	2396	1200	HAMILTON STANDARD	165	6	7	20	79.5	82.7	97.0	3	
ATP	49.05	PW126A				6/5500/F		V							
BAE SYSTEMS (BAe)	50.55	PRATT&WHITNEY	2	2396	1200	HAMILTON STD.	165	6	7	15	79.5	82.7	97.9	3	
ATP	49.05	PW126A				6/5500/F.1		V							
BAE SYSTEMS (JETSTREAM)	23.00	ALLIEDSIGNAL	2	1500	1552	MCCAULEY	114	5	9	15	85.8	83.5	87.8	3	*
JETSTREAM 4100	22.30	TPE-331-14G(H)R-801				B/C5JFR36C1101/2L114G		V							
BAE SYSTEMS (JETSTREAM)	24.00	ALLIEDSIGNAL	2	1500	1552	MCCAULEY	114	5	9	15	86.4	83.4	87.8	3	*
JETSTREAM 4100	23.30	TPE-331-14G(H)R-801				B/C5JFR36C1101/2L114G		V							
BAE SYSTEMS (JETSTREAM)	24.00	ALLIEDSIGNAL	2	1650	1552	MCCAULEY	114	5	9	15	86.5	84.3	87.8	3	*
JETSTREAM 4100	23.30	TPE-331-14G(H)R-805				B/C5JFR36C1103/4L114H		V							
BAE SYSTEMS (JETSTREAM)	24.00	ALLIEDSIGNAL	2	1650	1552	MCCAULEY	114	5	9	15	86.7	84.3	87.9	3	*
JETSTREAM 4100	23.30	TPE-331-14G(H)R-901				B/C5JFR36C1103/4L114H		V							
BOMBARDIER	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							
BOMBARDIER	44.00	PRATT&WHITNEY	4	1120	1210	HAMILTON STD.	135	4	25	25	80.5	84.0	91.4	3	*
DHC-7-103	42.00	PT6A-50				24PF-305		V							

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
BOMBARDIER	33.00	PRATT&WHITNEY	2	1800		HAMILTON STD.	156	4	15	35	80.7	86.3	95.1	3	
DHC-8	32.40	PW 120				14SF-1		V							
BOMBARDIER	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							
BOMBARDIER	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							
BOMBARDIER	34.50	PRATT&WHITNEY	2	1945	1150	HAMILTON STD	156	4	15	35	79.8	85.3	90.7	3	
DHC-8-103	33.90	PW 121				14SF-7		V							
BOMBARDIER	34.50	PRATT&WHITNEY	2	1945	1200	HAMILTON STD	156	4	15	35	79.8	86.1	94.8	3	
DHC-8-103	33.90	PW 121				14SF-7		V							
BOMBARDIER	34.50	PRATT&WHITNEY	2	1945	1100	HAMILTON STD	156	4	15	35	77.8	82.9	91.0	3	
DHC-8-103	33.90	PW 121				14SF-7		V							
BOMBARDIER	36.30	PRATT&WHITNEY	2	1945	1100	HAMILTON STD	156	4	15	35	79.9	84.0	94.8	3	
DHC-8-106	33.90	PW 121				14SF-7		V							
BOMBARDIER	36.30	PRATT&WHITNEY	2	1945	1200	HAMILTON STD	156	4	15	35	80.5	85.6	94.8	3	
DHC-8-106	33.90	PW 121				14SF-7		V							
BOMBARDIER	36.30	PRATT&WHITNEY	2	1945	1100	HAMILTON STD	156	4	15	35	79.9	84.0	94.8	3	
DHC-8-201	33.90	PW 123				14SF-7		V							
BOMBARDIER	36.30	PRATT&WHITNEY	2	1945	1200	HAMILTON STD	156	4	15	35	80.5	85.6	94.8	3	
DHC-8-201	33.90	PW 123				14SF-7		V							
BOMBARDIER	36.30	PRATT&WHITNEY	2	1945	1100	HAMILTON STD	156	4	15	35	79.9	84.0	94.8	3	
DHC-8-202	33.90	PW 123				14SF-7		V							
BOMBARDIER	36.30	PRATT&WHITNEY	2	1945	1200	HAMILTON STD	156	4	15	35	80.5	85.6	94.8	3	
DHC-8-202	33.90	PW 123				14SF-7		V							
BOMBARDIER	41.10	PRATT&WHITNEY	2		1200	HAMILTON STD.	156	4	5	15	84.3	87.4	98.9	3	
DHC-8-300	40.00	PW123				14SF-15		V							
BOMBARDIER	41.10	PRATT&WHITNEY	2	2142		HAMILTON STANDARD	156	4	5	35	79.5	87.0	93.3	3	
DHC-8-311	40.00	PW123				14SF-15		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
BOMBARDIER	43.00	PRATT&WHITNEY	2	2142	1200	HAMILTON STD	156	4	5	35	80.0	86.8	93.3	3	
DHC-8-311	42.00	PW 123				14SF-15		V							
BOMBARDIER	41.10	PRATT&WHITNEY	2	2249	1200	HAMILTON STANDARD	156	4	5	35	79.9	87.3	93.3	3	
DHC-8-314	40.00	PW123				14SF-15		V							
BOMBARDIER	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							
BOMBARDIER	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							
BOMBARDIER	43.00	PRATT&WHITNEY	2	2249	1100	HAMILTON STANDARD	156	4	5	35	81.7	84.6	93.2	3	
DHC-8-314	42.00	PW123				14SF-15		V							
BOMBARDIER	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							
BOMBARDIER	43.00	PRATT&WHITNEY	2	2142	1200	HAMILTON STANDARD	156	4	5	35	80.0	86.9	93.3	3	
DHC-8-315	42.00	PW123E				14SF-15		V							
BOMBARDIER	61.70	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	15	77.1	84.1	94.9	3	
DHC-8-400 (Q400)	60.50	PWC 150A				R408/6-123-F/17		V							
BOMBARDIER	61.70	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	35	77.1	84.1	93.0	3	3
DHC-8-400 (Q400)	60.50	PWC 150A				R408/6-123-F/17		V							
BOMBARDIER	65.20	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	35	78.6	84.0	93.1	3	3
DHC-8-400 (Q400)	62.00	PWC 150A				R408/6-123-F/17		V							
BOMBARDIER	65.20	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	15	78.6	84.0	94.8	3	
DHC-8-400 (Q400)	62.00	PWC 150A				R408/6-123-F/17		V							
BOMBARDIER	61.70	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	35	77.1	84.1	93.0	3	3
DHC-8-401 (Q400)	60.50	PWC 150A				R408/6-123-F/17		V							
BOMBARDIER	61.70	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	15	77.1	84.1	94.9	3	
DHC-8-401 (Q400)	60.50	PWC 150A				R408/6-123-F/17		V							
BOMBARDIER	65.20	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	15	78.6	84.0	94.8	3	
DHC-8-401 (Q400)	62.00	PWC 150A				R408/6-123-F/17		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
BOMBARDIER	65.20	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	35	78.6	84.0	93.1	3	3
DHC-8-401 (Q400)	62.00	PWC 150A				R408/6-123-F/17		V							
BOMBARDIER	61.70	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	15	77.1	84.1	94.9	3	
DHC-8-402 (Q400)	60.50	PWC 150A				R408/6-123-F/17		V							
BOMBARDIER	61.70	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	35	77.1	84.1	93.0	3	3
DHC-8-402 (Q400)	60.50	PWC 150A				R408/6-123-F/17		V							
BOMBARDIER	65.20	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	35	78.6	84.0	93.1	3	3
DHC-8-402 (Q400)	62.00	PWC 150A				R408/6-123-F/17		V							
BOMBARDIER	65.20	PRATT&WHITNEY	2	5070	1020	DOWTY	162	6	5	15	78.6	84.0	94.8	3	
DHC-8-402 (Q400)	62.00	PWC 150A				R408/6-123-F/17		V							
CASA	14.33	ALLIEDSIGNAL	2	750	1591	HARTZELL	107	4	10	20	87.3	84.0	91.2	3	*
C-212-CB	13.80	TPE 331-5-251C				HC-B4TN-5CL/LT10282H		V							
CASA	16.98	ALLIEDSIGNAL	2	900	1591	HARTZELL	110	4	10	15	85.9	85.1	90.9	3	*
C-212-CC	16.42	TPE 331-10/10R-501C/				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/512				(C)R.334/4-82-F/13		V							
CASA	16.98	ALLIEDSIGNAL	2	900	1591	HARTZELL	110	4	10	15	85.9	85.1	90.9	3	*
C-212-CF	16.42	TPE 331-10R-501C/511				HC-B4MN-5AL		V							
CASA	16.98	PRATT&WHITNEY	2	1000	1700	MCCAULEY	106	4	10	40	84.1	84.7	88.0	3	*
C-212-DE	16.42	PT6A-65B				4HFR34C756		V							
CASA	16.98	ALLIEDSIGNAL	2	900	1591	DOWTY-ROTOL	110	4	10	40	82.9	83.0	93.2	3	*
C-212-DF	16.42	TPE331-10R-502C/512				(C)R.334/4-82-F/13		V							
CASA	46.30	PRATT&WHITNEY	2	2645	1200	HAMILTON STANDARD	155	6	10	15	87.1	88.2	93.9	3	*
C-295	45.63	PW127-G				HS E568F		V							
CASA	31.75	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	31.75	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							

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	NOISE LEVEL (EPNdB) SL	NOISE LEVEL (EPNdB) AP	STAGE	NOTES
CASA	33.29	GENERAL ELECTRIC	2	1750	1384	HAMILTON STANDARD	132	4	10	23	85.3	87.8	87.2	3	*
CN-235-100	32.85	CT7-9C				14RF-21		V							
CASA	34.83	GENERAL ELECTRIC	2	1750	1384	HAMILTON STANDARD	132	4	10	23	80.5	87.4	92.4	3	*
CN-235-200	34.39	CT7-9C				14RF-21		V							
CASA	34.83	GENERAL ELECTRIC	2	1750	1384	HAMILTON STANDARD	144	4	10	15	85.0	87.8	93.3	3	*
CN-235-300	34.39	CT7-9C3				14RF-37		V							
CONVAIR	58.16	ALLISON	2	3460	1020	AEROPRODUCTS	162	4	10	28	87.4	91.1	98.3	3	
580 (Aeroprod.)	52.00	501-D13H				A6441FN-606A		V							
DORNIER	30.84	PRATT&WHITNEY	2	2180	1300	HARTZELL	142	6	12	12	82.1	83.8	94.8	3	2,*
328-100/MOD 10	29.17	PW119B				HD-E6C-3B		V							
DORNIER	30.84	PRATT&WHITNEY	2	2180	1300	HARTZELL	142	6	12	12	82.7	83.8	94.8	3	2,*
328-100/MOD 20	29.17	PW119C				HD-E6C-3B		V							
DORNIER	30.84	PRATT&WHITNEY	2	2180	1300	HARTZELL	142	6	12	12	82.7	83.8	94.8	3	2,*
328-100/MOD 30	29.17	PW119C				HD-E6C-3B		V							
EMBRAER	21.17	PRATT&WHITNEY	2	1500		HAMILTON STD.	126	4	15	25	76.6	81.6	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	45.86	PRATT&WHITNEY	2						8	26	81.0	85.0	96.8	3	
50	41.83	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	94.3	3	1
F27 MK500	43.50	DART 7/MK535-7				R193-4-30-4		V							
FOKKER	45.00	ROLLS ROYCE	2			DOWTY ROTOL	138	4	0	40	87.4	89.8	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	87.6	89.8	94.3	3	1
F27 MK500	43.50	DART 7/MK551-7R				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	2307		DOWTY ROTOL	138	4	0	40	87.4	89.8	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	87.6	89.8	94.3	3	1
F27 MK500/600	43.50	DART 7/MK552-7R				R193-4-30-4		V							
FOKKER	45.00	ROLLS ROYCE	2			DOWTY ROTOL	138	4	0	40	90.6	92.2	100.3	2	
F27 MK600	42.00	DART7 MK532-7R				R193-4-30-4		V							
LOCKHEED	155.00	ALLISON	4	4050	1020	HAMILTON STD.	162	4	18	35	94.8	96.7	98.1	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	78.4	87.5	87.9	3	
2000(w/PECS mod)	48.50	AE2100A				R381/6-123-F/5									
SAAB	28.50	GENERAL ELECTRIC	2		1384	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	28.50	GENERAL ELECTRIC	2		1384	HAMILTON STD.	132	4	15	20	77.7	86.1	90.1	3	
340B	28.00	CT7-9B				14RF-19		V							
SAAB	28.50	GENERAL ELECTRIC	2		1384	DOWTY ROTOL	132	4	15	20	78.0	85.9	91.6	3	
340B	28.00	CT7-9B				R375/4-123-F/21		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	78.2	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	79.5	87.4	89.6	3	
340	26.50	CT7-7E				R320/4-123-F/1		V							
SAAB-SCANIA	27.28	GENERAL ELECTRIC	2	1735		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 / 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
SHORT BROS.	22.00	PRATT&WHITNEY	2	1120	1675	HARTZELL	111	5	8	35	88.5	83.9	92.8	3	*
SD3-30	21.61	PT6A-45				HC-35MP-34/M10282B-6		V							
SHORT BROS.	26.00	PRATT&WHITNEY	2	1327		HARTZELL	111	5	5	30	84.4	83.7	89.9	3	**
SD3-60	25.70	PT6A-65R				HC-B5MP-3C/M10876K		V							
SHORT BROS.	27.10	PRATT&WHITNEY	2		1700	HARTZELL	108	6	15	15	80.0	82.7	94.3	3	
SD3-60-300	25.70	PT6A-67R				HC-A6A-3/A1046E		V							

Appendix 6 Notes

1 Equipped With Standard Hushkit
2. APU On For Approach
3. Mod Sup 39; Propeller RPM limited to 850 for approach.
* 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. CERTIFICATED PROPELLER DRIVEN SMALL AIRPLANES

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
AEROTECH/AUST.	9.10	ALLISON	2			HARTZELL	91	3	2071	78.00	-2.10	75.9	
N22S		250-B17E				HC-A3VF-7B/V10133N							
ANDERSON GREEN	3.15	AVCO LYCOMING	1	250	3	HARTZELL	77	2	2575	75.20	-1.50	73.7	
WOOD 51	3.15	O-540-A4D5				HC-E2YR-1S/8465-7R		V					
BEECH	12.50	PRATT&WHITNEY	2	847	1	HARTZELL	98	3	2000	82.80	-3.60	79.2	
(200)	12.50	PT6A-41				HC-B3TN-3G/T10178H		V					
BEECH	16.60	PRATT&WHITNEY	2	1100	2	HARTZELL	110	4	1700	80.50	3.00	77.4	1
1900/1900C	16.10	PT6A-65B				HCB4MP-3A/M10877K		V					
BEECH	14.40	PRATT & WHITNEY	2	1200		McCAULEY	104	5	1700	84.28	-5.47	79.3	
2000		XPT6A-67				D-L104DSZ-O		V					
BEECH	5.50	TCM	2	300		MCCAULEY	77	3		80.65	-3.26	77.4	
58/58A	5.40	IO-550-C				3AF32C512/82-NEA-5		V					
BEECH	3.60	TELEDYNE	1	260	5	MCCAULEY	80	3	2700	78.80	-0.60	78.2	
A36	3.60	I0-520-B				3A32C760/82 NB-2		V					
BEECH	3.60	TELEDYNE	1	228	5	MCCAULEY	84	2	2550	78.00	-0.60	77.4	
A36	3.60	I0-520-N				2A36C23/84B-0		V					
BEECH	3.65	TCM	1	300		MCCAULEY	80	3		78.24	-1.57	76.7	
A36	3.65	IO-550-B				3A32C406/82NDB-2		V					
BEECH	3.65	TELEDYNE	1	300	5	MCCAULEY	80	3	2700	79.50	-0.30	79.2	
A36TC	3.65	TSI0-520-U				3A32C760/82 NB-2		V					
BEECH	11.80	AIRESEARCH	2	715	1	HARTZELL	90	4	2000	80.20	-2.90	77.3	
B100	11.20	TPE331-6-252B				HC-B4TN-5C/T10173F		V					
BEECH	12.50	PRATT&WHITNEY	2	845	1	HARTZELL	99	3	1996	82.80	-3.60	79.2	
B200	12.50	PT6A-41				HC-B3TN-3G/T10178H		V					
BEECH	12.50	PRATT&WHITNEY	2	850	1	HARTZELL	98	3	2000	82.80	-3.60	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	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
BEECH	12.50	PRATT&WHITNEY	2	850	2	MCCAULEY	98	3	2000	79.32	-3.93	75.4	
B200/B200C	12.50	PT6A-42				3GFR34C702/100LA-2		V					
BEECH	12.50	PRATT&WHITNEY	2	850		MCCAULEY	94	4		80.68	-3.93	76.8	
B200/B200C/C12F	12.50	PT6A-42				4HFR34C754/94LA-0		V					
BEECH	12.50	PRATT&WHITNEY	2	845	1	HARTZELL	99	3	1996	82.80	-3.30	79.5	
B200CT	12.50	PT6A-42				HC-B3TN-3G/T10178H		V					
BEECH	12.50	PRATT&WHITNEY	2	850	1	MCCAULEY	98	3	2000	79.32	-3.84	75.5	
B200T/B200CT	12.50	PT6A-42				3GFR34C702/100LA-Z							
BEECH	12.50	PRATT&WHITNEY	2	850		MCCAULEY	94	4		80.68	-3.84	76.8	
B200T/B200CT	12.50	PT6A-42				4HFR34C754/94LA-O		V					
BEECH	15.00	PRATT&WHITNEY	2	1050	2	HARTZELL	105	4	1700	75.90	-3.80	72.1	1
B300		PT6A-60A				HC-B4MP-3/M10476K							
BEECH	3.86	TELEDYNE	1	293		MCCAULEY	78	3	2700	78.70	0.50	79.2	
B36TC	3.86	TS10-520-U				82NDA-4		V					
BEECH	5.10	TELEDYNE	2	221	2	HARTZELL	76	3	2550	77.70	-3.00	74.7	
B55	5.10	I0-470-L				PHC-C3YF-2/FC7663-2		V					
BEECH	5.10	TELEDYNE	2	223	2	HARTZELL	78	2	2550	81.00	-3.00	78.0	
B55	5.10	IO-470-L				BHC-C2YF-2CH/FC846		V					
BEECH	5.40	TELEDYNE	2	254	2	HARTZELL	78	2	2550	82.00	-3.10	78.9	
B58	5.40	10-520-C				BHC-J2YF-2C/FC8475-		V					
BEECH	5.40	TELEDYNE	2	256	2	HARTZELL	76	3	2650	81.90	-3.10	78.8	
B58	5.40	I0-520-C				PHC-J3YF-2/FC7663-D		V					
BEECH	5.50	TCM	2	300		HARTZELL		4	2700	78.48	-3.08	75.4	
B58	5.40	IO-550-C4B				FC-7063Q		V					
BEECH	6.10	TELEDYNE	2	301	2	HARTZELL	78	3	2600	80.60	-1.50	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	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
BEECH	6.20	CONTINENTAL	2	294	4	HARTZELL	78	3	2600	78.20	-2.10	76.1	
B58P	6.20	TS10-520-WB				PHC-J3YF-2UF/FC7663		V					
BEECH	6.10	TELEDYNE	2	294	4	HARTZELL	78	3	2600	78.20	-2.10	76.1	
B58TC	6.10	TS10-520-WB				PHC-J3YF-2UF/FC7663		V					
BEECH	6.20	CONTINENTAL	2	301	2	HARTZELL	78	3	2600	80.60	-1.50	79.1	
B58TC	6.20	TS10-520-L				PHC-J3Y-2F/FC7663-D		V					
BEECH	6.78	LYCOMING	2	296	2	HARTZELL	74	3	2750	82.10	-2.50	79.6	
B60	6.78	TIO-541-E1C4				HC-F3YR-2UF/FC7479		V					
BEECH	9.02	PRATT&WHITNEY	2	700	4	HARTZELL	93	3	1900	76.20	-5.80	70.4	
B65-90	8.55	PT6A-135				HC-B3TN-2(B)/T10173		V					
BEECH	3.98	LYCOMING	2	165	1	HARTZELL	76	2	2700	79.50	-2.30	77.2	
B76		O-360-A1G6D				HC-M2YR-2CLUF/FC7		V					
BEECH	3.90	LYCOMING	2	165	2	HARTZELL	76	2	2700	80.20	-1.50	78.7	
B76	3.90	O-360-A1G6D				HC-M2YR-2CEUF/FC7		V					
BEECH	1.68	LYCOMING	1	115	8	SENSENICH	72	2	2700	65.10	-1.30	63.8	
B77	1.68	0-235-L2C				72CKS12-0-52		F					
BEECH	5.30	TCM	2	300	2	HARTZELL	74	4	2700	78.48	-3.08	75.4	
B95-C55	5.30	IO-550-C				FC-7063Q		V					
BEECH	2.45	LYCOMING	1	163	2	SENSENICH	76	2	2700	73.30	0.00	73.3	
C23	2.45	0-360-A4J				76EM8S5-0-60		F					
BEECH	2.75	LYCOMING	1	202	2	HARTZELL	76	2	2700	73.00	-1.30	71.7	
C24R	2.75	0-360-A1B6				HC-M2YR-1BF/FC7666		V					
BEECH	9.66	PRATT&WHITNEY	2	550		HARTZELL	93	3	2200	78.70	-4.40	74.3	
C90	9.17	PT6A-21				HC-B3TN-2B/T10173B-		V					
BEECH	10.10	PRATT&WHITNEY		550	4	HARTZELL	93	3	2200	78.69	-4.44	74.3	
C90A		PT6A-21				HC-B3TN-2(B)							

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
BEECH	11.30	PRATT&WHITNEY	2	715		HARTZELL	93	3	2200	79.30	-3.40	75.9	
C99	11.30	PT6A-34				HC-B3TN-3/T10173B-8		V					
BEECH	5.30	TCM	2	300	2	HARTZELL	74	4	2700	78.48	-3.44	75.0	
D55	5.30	IO-550-C				FC-7063Q		V					
BEECH	5.30	TELEDYNE	2	256	2	HARTZELL	76	3	2650	81.90	-3.20	78.7	
E55	5.30	I0-520-C				PHC-J3Y-2F/FC7663-2		V					
BEECH	5.30	TELEDYNE	2	254	2	HARTZELL	78	2	2550	82.00	-3.20	78.8	
E55	5.30	IO-520-C				BHC-C2YF-2C/FC8475-		V					
BEECH	5.30	TCM	2	300	V	HARTZELL	74	4	2700	78.48	-3.44	75.0	
E55	5.30	IO-550-C				FC-7063Q		V					
BEECH	5.30	TCM	2	300	V	HARTZELL	74	4	2700	78.48	-3.44	75.0	
E55	5.30	IO-550-C				FC-7063Q		V					
BEECH	5.30	TCM	2	300	2	HARTZELL	74	4	2700	78.48	-3.44	75.0	
E55	5.30	IO-550-C				FC-7063Q		V					
BEECH	10.10	PRATT&WHITNEY	2	550		HARTZELL	93	3	2200	79.00	-4.00	75.0	
E90	9.70	PT6A-28				HC-B3TN-2B/T10173B-		V					
BEECH	3.40	TELEDYNE	1	260	5	MCCAULEY	80	3	2700	78.30	-1.40	76.9	
F33 A/C	3.40	I0-520-B				3A32C76/82NB-2		V					
BEECH	3.40	TELEDYNE	1	228	5	MCCAULEY	84	2	2550	78.10	-1.50	76.6	
F33 A/C	3.40	I0-520-BA				2A36C23/84 B-0		V					
BEECH	10.95	PRATT&WHITNEY	2	754	1	HARTZELL	92	4	1900	77.90	-5.00	72.9	
F90 SUPER	10.95	PT6A-135				HC-B4TN-3B/T10173F		V					
BEECH	3.40	TELEDYNE	1	260	5	MCCAULEY	80	3	2700	78.80	-2.00	76.8	
V35B	3.40	I0-520-B				3A32C76/82 NB-2		V					
BEECH	3.40	TELEDYNE	1	228	5	MCCAULEY	84	2	2550	78.10	-1.50	76.6	
V35B	3.40	I0-520-BA				2A36C23/84B-0		V					

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
BELLANCA	3.20	CONTINENTAL	1	225	8	MCCAULEY	78	3	2550	79.40	-1.90	77.5	
17-30A	3.20	I0-520-K				D3A34C401/90DFA-12		F					
BELLANCA	1.65	LYCOMING	1	115	2	SENSENICH	72	2	2700	71.50	-2.70	68.8	
7ECA	1.65	0-235-K2C				74DM6S8-1-56		F					
BELLANCA	1.65	LYCOMING	1	150	2	SENSENICH	73	2	2800	71.50	-4.70	66.8	
7GCAA	1.65	0-320-A2B/-A2D				74DM6S8-1-56		F					
BELLANCA	1.65	LYCOMING	1	150	2	SENSENICH	73	2	2700	71.50	-4.60	66.9	
7GCBC	1.65	0-320-A2B/A2D				74DM6S8-1-56		F					
BELLANCA	1.80	LYCOMING	1	150	2	MCCAULEY	80	2	2500	68.40	1.90	70.3	
7GCBC SEAPLANE	1.80	0-320				1A175GMA/8040		F					
BELLANCA	2.15	LYCOMING	1	180	2	HARTZELL	76	2	2550	76.30	-3.40	72.9	
8GCBC	2.15	0-360-C1A/-C1E				HC-C2YR-1BF/F7666A		F					
BELLANCA	2.15	LYCOMING	1	149	2	MCCAULEY	80	2	2550	76.30	-3.50	72.8	
8GCBC	2.15	0-360-C2A/-C2E				1A200/HFA		F					
BELLANCA	1.80	LYCOMING	1	150	2	HARTZELL	72	2	2800	72.20	-2.20	70.0	
8KCAB	1.80	AEIO-320-E1B				HC-C2YL-4F/FC7663-4		V					
BELLANCA	1.80	LYCOMING	1	150	2	SENSENICH	74	2	2800	72.20	-3.00	69.2	
8KCAB	1.80	AEIO-320-E2B				74DM6S8-0		F					
BELLANCA	1.80	LYCOMING	1	180	2	HARTZELL	74	2	2900	72.20	-5.00	67.2	
8KCAB	1.80	AEIO-360-H1A				HC-C2YR-4CF/FC7666		V					
CESSNA	1.67	LYCOMING	1	110	8	MCCAULEY	69	2	2550	65.80	-1.00	64.8	
152	1.67	O-235-L2C				1A102/TCM6955		F					
CESSNA	1.67	LYCOMING	1	110	8	MCCAULEY	69	2	2550	66.70	-0.40	66.3	
152/A152	1.67	O-235-L2C				1A103/TCM6958		F					
CESSNA	2.30	LYCOMING	1	160	8	MCCAULEY	75	2	2700	74.30	-0.50	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	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
CESSNA	2.20	LYCOMING	1	160	8	MCCAULEY	80	2	2700	73.60	-1.40	72.2	
172N (SEA)	2.18	O-320-H2AD				IA175/ETM8042		F					
CESSNA	2.40	LYCOMING	1	160	8	MCCAULEY	75	2	2700	74.30	-0.50	73.8	
172P		0-320-D25				1C160/DTM7557		F					
CESSNA	2.65	LYCOMING	1	180	8	MCCAULEY	76	2	2700	73.40	0.50	73.9	
172RG	2.65	O-360-F1A6				B2D34C220/80VLA-3.5		V					
CESSNA	2.50	LYCOMING	1	180	8	MCCAULEY	76	2	2700	72.00	-0.30	71.7	
177B	2.50	IO-360-A1F6D				B2D34C211/82PCA-6		V					
CESSNA	2.80	LYCOMING	1	200	8	MCCAULEY	78	2	2700	76.30	-0.70	75.6	
177RG	2.80	IO-360-AIB6D				B2D34C207/78TCA-0		V					
CESSNA	2.95	TCM	1	230	8	MCCAULEY	88	2	2400	74.00	-2.20	71.8	
180K (AMPHIB)	2.95	O-470-U				C2A34C204/90DCA-2		V					
CESSNA	2.80	TCM	1	230	8	MCCAULEY	90	2	2400	73.00	-3.00	70.0	
180K (LAND)	2.80	O-470-U				C2A34C204/90DCB-0		V					
CESSNA	2.95	TCM	1	230	8	MCCAULEY	82	2	2400	72.00	-2.90	69.1	
182Q	2.95	O-470-U				D2A34C203/90DCA-8		V					
CESSNA	3.10	TCM	1	230	8	MCCAULEY	82	2	2400	72.00	-2.90	69.1	
182R		0-470-V				D2A34C203/90DCA-8		V					
CESSNA	3.80	TCM	1	285	8	MCCAULEY	80	3	2700	77.80	-0.10	77.7	
207A	3.80	IO-520-F				D3A32C90/82NC-2		V					
CESSNA	3.80	TCM	1	285	8	MCCAULEY	80	3	2700	79.00	0.80	79.8	
207A	3.80	IO-520-F				D3A32C404/80VA-0		V					
CESSNA	7.30	PRATT&WHITNEY		600	2	HARTZELL	100	3	1900	72.80	-1.10	71.7	
208	7.30	PT6A-114				HC-B3MN-3		V					
CESSNA	8.00	PRATT&WHITNEY		600	2	HARTZELL	100	3	1900	72.80	0.66	73.5	
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	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
CESSNA	8.00	PRATT&WHITNEY		600	2	HARTZELL	100	3	1900	72.80	0.66	73.5	
208A	7.80	PT6A-114				HC-B3MN-3		V					
CESSNA	8.75	PRATT&WHITNEY		600	2	HARTZELL	100	3	1900	72.80	2.31	75.1	
208B	8.50	PT6A-114				HC-B3MN-3		V					
CESSNA	3.80	TCM	1	285	8	MCCAULEY	80	3	2700	79.60	0.30	79.9	
210M	3.80	IO-520-L-3A				D3A34C404/80VA-0		V					
CESSNA	3.80	TCM	1	285	8	MCCAULEY	80	3	2700	79.60	0.00	79.6	
210N	3.80	IO-520-L-3A				D3A34C404/80VA-0		V					
CESSNA	3.85	TCM	1	285	8	McCAULEY	80	3	2700	79.60	-0.60	79.0	
210R	3.85	IO-520-L				D3A34C404/8OVA-0		V					
CESSNA	5.50	TCM	2	285	8	MCCAULEY	77	3	2700	82.00	-2.90	79.1	
310R	5.41	IO-520-M				3AF32C87/82NC-5.5		V					
CESSNA	5.99	TCM	2	300	4	MCCAULEY	77	3	2700	79.60	-1.50	78.1	
335	5.99	TSIO-520-EB				3AF32C87/82NC-5.5		V					
CESSNA	4.63	TCM	2	195	8	MCCAULEY	78	2	2600	78.60	1.30	79.9	
337H	4.41	TSIO-360-C				D2AF34C310/90DEA-1		V					
CESSNA	4.63	TCM	2	195	8	MCCAULEY	76	2	2600	78.60	1.30	79.9	
337H	4.41	TSIO-360-C				D2AF34C307/L78CBA-		V					
CESSNA	5.99	TCM	2	310	3	MCCAULEY	77	3	2700	83.40	-3.70	79.7	
340A	5.99	TSIO-520-N				3AF32C93/82NC-5.5		V					
CESSNA	5.99	TCM	2	310	4	MCCAULEY	76	3	2700	82.00	-5.50	76.5	
340A	5.99	TSIO-520-N				3AF32C93/82NC-5.5		V					
CESSNA	6.85	TCM	2	300	3	MCCAULEY	76	3	2700	81.60	-2.80	78.8	
402B	6.85	TSIO-520-E				3AF32C87M/82NC-5.5		V					
CESSNA	6.85	TCM	2	325	4	MCCAULEY	76	3	2700	80.80	-2.20	78.6	
402C	6.85	TSIO-520-UB				3AF32C92N/82NC-6.5		V					

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
CESSNA	6.85	TCM	2	310	4	MCCAULEY	77	3	2600	77.20	-2.10	75.1	
402C	6.85	TSIO-520-VB				3AF32C93/82NC-5.5		V					
CESSNA	8.40	TCM	2	375	4	MCCAULEY	90	3	3350	81.60	-2.70	78.9	
404	8.09	GTSIO-520-M				3FF32C501/90UMB-0		V					
CESSNA	8.40	PRATT&WHITNEY	2	550	4	HARTZELL	93	3	2000	81.10	-5.00	76.1	
404	8.10	PT6A-34				HCB3TN-3B/T10173-8		V					
CESSNA	9.36	PRATT&WHITNEY	2	500	1	MCCAULEY	93	3	1900	75.00	-3.00	72.0	
406	9.36	PT6A-112				3GFR34C701/93KB-0		V					
CESSNA	6.75	TCM	2	298	4	MCCAULEY	77	3	2600	79.10	-2.50	76.6	
414A	6.75	TSIO-520-N				3AF32C93/82NC-5.5		V					
CESSNA	7.45	TCM	2	375	4	MCCAULEY	90	3	3350	80.30	-3.60	76.7	
421C	7.21	GTSIO-520-L				3FF32C501/90UMB-0		V					
CESSNA	8.20	PRATT&WHITNEY	2	450	4	MCCAULEY	93	3	1900	75.70	-4.30	71.4	
425	8.00	PT6A-112				36FR34C701/93KB-0		V					
CESSNA	8.20	PRATT&WHITNEY	2	450	4	HARTZELL	93	3	1900	75.70	-4.30	71.4	
425	8.00	PT6A-112				HC-B3TN-3C/T10178B-		V					
CESSNA	8.60	PRATT&WHITNEY	2	450	4	HARTZELL	93	3	1900	75.70	-3.40	72.3	
425	8.00	PT6A-112				HC-B3TN-3C/T10178B-		V					
CESSNA	9.85	AIRESEARCH	2	636	4	MCCAULEY	90	3	1990	78.00	-4.00	74.0	
441	9.36	TPE331-8-401S				36FR34C601/93JA		V					
CESSNA	9.85	AIRESEARCH	2	636	4	HARTZELL	90	3	1990	78.00	-4.00	74.0	
441	9.36	TPE331-8-401S				HC-B3TN-5E/T10178-1		V					
CESSNA	3.27	TCM	1	285	8	MCCAULEY	80	3	2700	78.90	-1.20	77.7	
A185F (AMPHIB)	3.12	IO-520-D				D3A34C403/80VA-0		V					
CESSNA	3.32	TCM	1	285	8	MCCAULEY	80	3	2700	78.90	-1.00	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	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
CESSNA	3.35	TCM	1	285	8	MCCAULEY	80	3	2700	78.90	-1.00	77.9	
A185F (LAND)	3.35	IO-520-D				D3A34C403/80VA-0		V					
CESSNA	3.30	TCM	1	260	8	MCCAULEY	80	3	2700	77.30	-1.50	75.8	
A188B	3.30	IO-520-D				D3A32C408/82NDA-2		V					
CESSNA	4.00	TCM	1	285	4	MCCAULEY	80	3	2600	77.10	0.90	78.0	
P210N	3.80	TSIO-520-P				D3A34C402/90DFA-10		V					
CESSNA	4.00	PRATT&WHITNEY	1	450	2	HARTZELL	77	3	1900	68.70	-2.00	66.8	
P210N ADVANCED		PT6A-135				HC-83TN-3C/T10282K-		V					
CESSNA	4.10	TCM	1	325	4	McCAULEY	80	3	2700	80.20	-0.80	79.4	
P210R	4.10	T510-520-CE				D3A36C410/80VM8-0		V					
CESSNA	4.70	TCM	2	208	4	MCCAULEY	76	2	2600	80.80	-1.10	79.7	
P337H	4.45	TSIO-360-C				D2AF34C305/L78CBA-		V					
CESSNA	4.70	TCM	2	208	4	MCCAULEY	78	2	2600	80.80	-1.10	79.7	
P337H	4.45	TSIO-360-C				D2AF34C308/90DEA-1		V					
CESSNA	2.55	TCM	1	195	8	MCCAULEY	76	2	2600	74.70	-0.60	74.1	
R172K (LAND)	2.55	IO-360-K				2A34C203/90DCA-14		V					
CESSNA	2.55	TCM	1	195	8	MCCAULEY	80	2	2600	76.40	-1.40	75.0	
R172K (SEA)	2.55	IO-360-K				2A34C203/90DCA-10		V					
CESSNA	3.10	LYCOMING	1	235	8	MCCAULEY	82	2	2400	72.70	-2.00	70.7	
R182	3.10	O-540-J3C5D				B2D34C214/90DHB-8		V					
CESSNA	3.10	LYCOMING	1	235	8	MCCAULEY	79	3	2400	70.30	-2.00	68.3	
R182	3.10	O-540-J3C5D				B3D32C407/82NDA-3		V					
CESSNA	3.10	LYCOMING	1	235	4	MCCAULEY	79	3	2400	69.50	-0.70	68.8	
T182	3.10	O-540-L3C5D				B3D32C407/82NDA-3		V					
CESSNA	3.10	LYCOMING	1	235	4	MCCAULEY	82	2	2400	73.20	-0.70	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	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
CESSNA	3.80	TCM	1	285	4	MCCAULEY	80	3	2600	77.90	-1.60	76.3	
T207A	3.80	TSIO-520-G-1A				3A32C401/90DFA-10		V					
CESSNA	3.80	TCM	1	285	4	MCCAULEY	80	3	2600	77.40	-1.60	75.8	
T210M	3.80	TSIO-520-H-4A				D3A34C-102/90DFA-1		V					
CESSNA	4.00	TCM	1	285	4	MCCAULEY	80	3	2600	77.40	0.00	77.4	
T210N	3.80	TSIO-520-R				D3A34C402/90DFA-10		V					
CESSNA	4.10	TCM	1	325	4	McCAULEY	80	3	2700	80.20	-0.80	79.4	
T210R	4.10	T510-520-CE				D3A36C410/80VM8-0		V					
CESSNA	5.15	TCM	2	250	4	MCCAULEY	74	3	2400	76.50	-2.20	74.3	
T303	5.00	TSIO-520-AE				3AF32C506/82NEB-8		V					
CESSNA	5.50	TCM	2	285	4	MCCAULEY	78	3	2700	80.90	-3.20	77.7	
T310R	5.41	TSIO-520-BB				3AF32C87/82NC-4		V					
CESSNA	4.63	TCM	2	195	4	MCCAULEY	76	2	2600	79.40	-1.00	78.4	
T337H	4.40	TSIO-360-H				D2AF34C305/L78CBA-		V					
CESSNA	4.63	TCM	2	195	4	MCCAULEY	78	2	2600	79.40	-1.00	78.4	
T337H	4.42	TSIO-360-H				D2AF34C308/90DEA-1		V					
CESSNA	3.10	LYCOMING	1	235	4	MCCAULEY	82	2	2400	73.80	-1.20	72.6	
TR182	3.10	O-540-L3C5D				B2D34C217/90DHB-8		V					
CESSNA	3.10	LYCOMING	1	235	4	MCCAULEY	79	3	2400	70.60	-1.20	69.4	
TR182	3.10	O-540-L3C5D				B3D32C407/82NDA-3		V					
CESSNA	3.60	TCM	1	285	4	MCCAULEY	80	3	2600	78.50	-3.10	75.4	
TU206G	3.60	TSIO-520-M				D3A34C402/90DFA-10		V					
CESSNA	3.60	TCM	1	285	4	MCCAULEY	80	3	2600	78.00	1.20	79.2	
TU206G (AMPHIB)	3.60	TSIO-520-M				D3A34C402/90DFA-10		V					
CESSNA	3.60	TCM	1	285	8	MCCAULEY	80	3	2700	77.90	-0.40	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 36, APPENDIX F)

MANUFACTURER / MODEL	MTOW MLW (1000#)	ENGINE DATA MFR, MODEL	NO.	SHP	EXH	PROPELLER DATA MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	NOISE LEVEL (dBA) MdBA	PC	CdBA	NOTES
CESSNA	3.60	TCM	1	285	8	MCCAULEY	80	3	2700	79.80	-0.40	79.4	
U206G (LAND)	3.60	IO-520-F-9				D3A34C404/80VA-0		V					
CESSNA	3.50	TCM	1	285	8	MCCAULEY	80	3	2700	80.20	-0.80	79.4	
U206G(SEAPLANE)	3.50	IO-520-F				D3A34C404/80VA-0		V					
CLASSIC AIRCRAFT	2.65	JACOBS		245		SENSENICH	96	2	2050	75.10	-2.30	72.8	
WACO F5	2.65	R-755B2M				W96JA72		F					
CLASSIC AIRCRAFT	2.77	JACOBS		275		SENSENICH	90	2	2200	76.30	-0.70	75.6	
WACO F5	2.77	R-755B2M				W90T6JA72		F					
CURTISS-WRIGHT	2.45	LYCOMING	1	225	2	HAMILTON STD	102	2	2050	75.20	-1.60	75.6	
TRAVEL AIR 4000	2.45	R-680E3B				2B20/6135A		F					
DEHAVILLAND	8.00	PRATT&WHITNEY	1			HARTZELL	102	3		76.30	-0.30	76.0	
DHC-3 W/SAE STC		PT6A-135/135A				HC-B3TN-3C/T10282		V					
DORNIER	12.50	GARRETT	2	715		HARTZELL	106	4				73.5	
228-100	12.50	TPE331-5-252D				HC-B4TN-5ML/LT							
EMBRAER	12.50	PRATT&WHITNEY	2	750		HARTZELL	93	3	2002	78.70	-1.40	77.3	
EMB-110	12.02	PT6A-34				HC-BT3N-3C/T10178H-		V					
FAIRCHILD	12.50	GARRETT	2	1000		MCCAULEY	106	4	1591	77.23	-1.94	75.3	
SA226-AT		TPE331-11U-612G				(X)-L106LA-0		V					
FAIRCHILD	12.50	GARRETT	2	806		HARTZELL	102	3	1920	83.58	-3.84	79.7	
SA226-AT		TPE331-3U-303G				T10282HB		V					
FAIRCHILD	12.50	AIRESEARCH	2	840		HARTZELL	98	4	2000	84.80	-3.40	81.4	
SA226-T		TPE331-3U-303G				T10282HDB-4R		V					
FAIRCHILD	12.50	AIRESEARCH	2	900	4	HARTZELL	106	4	1591	77.40	-4.60	72.8	
SA226-T(B)	12.50	TPE331-1OU-501G				HC-B4TN-5EL/LT1028		V					
FAIRCHILD	13.23	AIRESEARCH	2	806		HARTZELL	102	3	1920	80.97	-2.50	78.4	
SA226-TC		TPE331-3UW-303G				T10282HB		V					

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)				
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
FAIRCHILD	12.50	AIRESEARCH	2	806	4	HARTZELL	102	3	1920	83.58	-3.84	79.7	
SA226-TC	12.50	TPE331-3UW-303G				HCB3 TN-5/T10282HB		V					
FAIRCHILD	14.50	GARRETT	2	1000		MCCAULEY	106	4	1591	77.23	-1.94	75.3	
SA227-AC		TPE331-11U-612G				(X)-L106LA-0		V					
FAIRCHILD	16.00	GARRETT	2	1000		MCCAULEY	106	4	1591	77.23	0.97	78.2	
SA227-AC		TPE331-11U-612G				(X)-L106LA-0		V					
FAIRCHILD	14.50	GARRETT	2	1000		DOWTY-ROTOL	106	4	1591	77.23	-2.43	74.8	1
SA227-AC	14.00	TPE331-11U-601G				R321/4-82-F/8		V					
FAIRCHILD	16.00	GARRETT	2	1000		DOWTY-ROTOL	106	4	1591	77.23	0.97	78.2	1
SA227-AC	15.50	TPE331-11U-601G				R321/4-82-F/8		V					
FAIRCHILD	16.00	GARRETT	2	1000		DOWTY-ROTOL	106	4	1591	77.40	0.32	77.7	
SA227-AT		TPE331-11U-601G				(C)R.321/4-82-F/8		V					
FAIRCHILD	16.00	GARRETT	2	1000		MCCAULEY	106	4	1591	77.40	0.32	77.7	
SA227-AT		TPE331-11U-612G				(X)-L106LA-0		V					
FAIRCHILD	14.50	AIRESEARCH	2	1000	4	DOWTY ROTOL	106	4	1591	77.23	-1.94	75.3	1
SA227-AT	14.00	TPE331-11U-601G				(C)R321/4-82-F/8		V					
FAIRCHILD	16.00	GARRETT	2	1000		MCCAULEY	106	4	1591	77.40	-0.90	76.5	
SA227-BC		TPE331-12UA-701G				(X)-L106LA-0		V					
FAIRCHILD	12.50	AIRESEARCH	2	900	4	DOWTY ROTOL	106	4	1591	77.42	-4.62	72.8	
SA227-TT	12.50	TPE331-1OU-503G				(C)R324/4-82-F/9		V					
FAIRCHILD	13.23	AIRESEARCH	2	900	4	DOWTY ROTOL	106	4	1591	77.42	-4.08	73.3	1
SA227-TT	13.23	TPE331-1OU-503G				(C)R324/4-82-F/9		V					
FUJI HEAVY IND.	6.75	LYCOMING	2	340	4	HARTZELL	79	3	2500	80.80	-3.20	77.6	
700	6.60	TI0-540-R2AD				HC-E3YR-2ATF/FC846		V					
FUJI HEAVY IND.	8.30	LYCOMING	2	450	4	HARTZELL	93	3	2133	82.70	-3.30	79.4	
710	8.30	TIG0-541-D1B				HC-C3YN-2LDUF/FJC-							

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
GRUMMAN	5.50	LYCOMING	2			HARTZELL	87	3		82.80	-3.20	79.6	
G-44/SCAN 30		TIO/LTIO-540-J2BD				HC-C3YR-2UF/HC-C3		V					
GULFSTREAM AMERICAN	2.80	AVCO LYCOMING	1	200	3	HARTZELL	77	2	2700	75.10	-0.50	74.6	
112B	2.80	IO-360-C1D6				HC-E2YR-1BF/F8467-7		V					
GULFSTREAM AMERICAN	2.85	AVCO LYCOMING	1	210	4	HARTZELL	77	2	2575	76.10	-1.30	74.8	
112TC	2.76	T0-360-C1A6				HC-E2YR-1BF/F8467-7		V					
GULFSTREAM AMERICAN	2.95	AVCO LYCOMING	1	210	4	HARTZELL	77	2	2575	76.10	-1.30	74.8	
112TCA	2.95	T0-360-C1A6				HC-E2YR-18F/F8467-7		V					
GULFSTREAM AMERICAN	3.14	AVCO LYCOMING	1	260	3	HARTZELL	77	2	2700	79.70	-1.20	78.5	
114	3.14	I0-540-T4A5D				HC-C2YR-1BF/F8467-7		V					
GULFSTREAM AMERICAN	3.25	AVCO LYCOMING	1	260	3	MCCAULEY	77	3	2700	79.70	-1.20	78.5	
114A	3.13	I0-540-T4B5D				B3D34C405/90DFA-13		V					
GULFSTREAM AMERICAN	10.25	AIRESEARCH	2	700	4	HARTZELL	106	3	1591	76.40	-5.00	71.4	
690	9.59	TPE331-5-251K				HC-B3TN-5FLLT10282		V					
GULFSTREAM AMERICAN	10.25	AIRESEARCH	2	700	4	HARTZELL	106	3	1591	76.40	-5.00	71.4	
690A	9.59	TPE331-5-251K				HC-B3TN-5FLLT1028H		V					
GULFSTREAM AMERICAN	10.32	AIRESEARCH	2	700	4	HARTZELL	106	3	1591	76.40	-5.00	71.4	
690B	9.68	TPE331-5-251K				HC-B3TN-5FLLT10282		V					
GULFSTREAM AMERICAN	10.32	AIRESEARCH	2	700	4	DOWTY ROTOL	106	3	1591	76.40	-5.00	71.4	
690C	9.68	TPE331-5-254K				(C)R306/3-82-F/7(C)VP		V					
GULFSTREAM AMERICAN	10.70	AIRESEARCH	2	737	4	DOWTY ROTOL	106	3	1591	76.40	-5.00	71.4	
690D	10.55	TPE331-5-254K				(C)R306/3-82-F/7(C)VP		V					
GULFSTREAM AMERICAN	10.32	AIRESEARCH	2	700	4	DOWTY ROTOL	106	3	1591	76.40	-5.00	71.4	
695	9.68	TPE331-10-501K				(C)R306/3-82-F/7(C)VP		V					
GULFSTREAM AMERICAN	11.20	AIRESEARCH	2	700	4	DOWTY ROTOL	106	3	1591	71.80	0.00	71.8	
695A	10.56	TPE331-10-501K				(C)R306/3-82-F/7(C)VP		V					

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
GULFSTREAM AMERICAN	6.95	AVCO LYCOMING	2	340	4	HARTZELL	79	3	2500	77.80	-2.40	75.4	
700	6.59	TI0-540-R2AD				HC-E3YR-2AFT/FC846		V					
GULFSTREAM AMERICAN	1.54	LYCOMING	1	108	7	MCCAULEY	71	2	2600	66.30	0.60	66.9	
AA-1B	1.54	0-235-C2C				SCM1A105/7157		F					
GULFSTREAM AMERICAN	1.54	LYCOMING	1	108	7	MCCAULEY	71	2	2600	66.70	1.10	67.8	
AA-1B	1.54	0-235-C2C				SCM1A105/7154		F					
GULFSTREAM AMERICAN	1.57	LYCOMING	1	115	7	SENSENICH	71	2	2700	68.30	0.50	68.8	
AA-1C	1.57	0-235-L2C				72CK-0-56		F					
GULFSTREAM AMERICAN	3.78	LYCOMING	2	160		HARTZELL	73	2	2700	74.20	-2.20	72.0	
GA-7	3.78	0-320-D1D				F2YL-2VFFC7663D-3		V					
JETSTREAM	15.21	GARRETT	2	940		DOWTY ROTOL	106	4	1591	74.10	-2.40	71.7	1
JETSTREAM 31	14.55	TPE331-10UF/UR513H				R333/4-82-F/12		V					
JETSTREAM	14.60	AIRESEARCH	2	900		DOWTY ROTOL	106	4	1591	74.40	-3.50	70.9	1
JETSTREAM 31	14.60	TPE331-IOU-501H				R333/4-82-F/12		V					
JETSTREAM	16.20	GARRETT	2	1020		DOWTY ROTOL	106	4	1591	76.20	-3.20	73.0	
JETSTREAM 3201	15.60	TPE331-12UA(R)701H				R333/4-82-F/12		V					
MAULE	2.30	LYCOMING	1	175	3	HARTZELL	76	2	2700	72.30	0.00	72.3	
M-5-180C/-180TC	2.30	0-360-C1F				HC-C2YR-1BF/F7666A		V					
MAULE	2.30	LYCOMING	1	190	3	HARTZELL	77	2	2600	73.30	0.00	73.3	
M-5-200	2.30	IO-360-J1A6D				HC-E2YR-1BF/F8468A		V					
MAULE	2.30	LYCOMING	1	210		HARTZELL	74	2	2575	74.60	-1.00	73.6	
M-5-210TC	2.30	I0-360-C1A-6D				HC-E2YR-1BF/F8467-7		V					
MAULE	2.75	LYCOMING	1	235	3	HARTZELL	81	2	2400	74.70	0.90	75.6	
M-5-235	2.75	0-540-J1A5D				HC-C2YR-1BF/F8468A		V					
MAULE	2.30	LYCOMING	1	235		HARTZELL	78	2		72.60	-5.00	67.6	
M-5-235C	2.30	0-540-J1A5D/-W1A5D				HC-C2YR-1BF/F8468A		V					

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
MAULE	2.30	LYCOMING	1	175	3	HARTZELL	76	2	2600	70.90	0.90	71.8	
M-6-180	2.30	0-360-CIF				HC-C2YR-1BF/F7666A		V					
MAULE	2.30	LYCOMING	1	235		HARTZELL	78	2	2400	72.60	-5.00	67.6	
M-6-235	2.30	0-540-J1A5D/-W1A5D				HC-E2YR-1BF/F8468A		V					
MAULE	2.50	LYCOMING	1	235		HARTZELL	81	2	2700			71.3	
M-6-235	2.50	O-540-J1A5D				HC-C2YR-1BF/F8468A		V					
MAULE	2.50	LYCOMING	1	235	3	HARTZELL	78	2	2400	72.60	-0.30	72.3	
M-7-235	2.50	O-540-J1A5D				HC-C2YR-1BF/F8468A		V					
MAULE	2.50	LYCOMING	1	235	3	HARTZELL	81	2	2400	74.70	-2.50	72.2	
M-7-235	2.50	O-540-J1A5D				HC-C2YR-1BF/F8468A		V					
MITSUBISHI	10.47	AIRESEARCH	2	665	4	HARTZELL	98	4	1591	77.40	-2.90	74.8	
MU-2B-40	9.96	TPE331-10-501				HC-B4TN-5DL/LT1028		V					
MITSUBISHI	11.56	AIRESEARCH	2	715	4	HARTZELL	98	4	1591	77.70	-1.40	76.5	
MU-2B-60	11.60	TPE331-10-501M				HC-B4TN-5DL/LT1028		V					
MOONEY	2.74	LYCOMING	1	192		MCCAULEY	74	2	2700	75.30	-1.30	74.0	
M20J	2.74	IO-360-A3B6D				B2D34C212/78CDA-4		V					
MOONEY	2.90	PORSCHE			7	HARTZELL	74	3				76.6	
M20L	2.92	PRM3200N03				BHC-J2YF-1C/B7421		V					
MOONEY AIRCRAFT	2.90	TELEDYNE	1	210	4	MCCAULEY	74	2	2700	76.60	-1.10	75.4	
M20K	2.90	TSI0-360-GB1				2A34C216/90DHB-16E		V					
PARTENAVIA	4.39	AVCO LYCOMING	2			HARTZELL	76	2	2575			75.4	
P68-TC	4.39	TO-360-C1A60				HC-C2YK-2CUF		V					
PIPER	1.75	LYCOMING	1	150	7	SENSENICH	74	2	2700	69.00	-3.10	65.9	
PA-18-150	1.75	0-320-A2B				M74DM6-0-56		F					
PIPER	5.20	LYCOMING	2	250	6	HARTZELL	77	2	2575	76.80	-1.10	75.7	
PA-23-250	4.94	I0-540-C4B5				HC-E2YR-28465-7R		V					

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
PIPER	5.20	LYCOMING	2	250	4	HARTZELL	77	2	2575	77.00	-0.80	76.2	
PA-23T-250	4.94	TIO-540-C1A				HC-E2YR-28465-7R		V					
PIPER	2.33	LYCOMING	1	160	5	SENSENICH	74	2	2700	71.40	0.60	72.0	
PA-28-161	2.33	0-320-D3G				74DM6-0-60		F					
PIPER	2.55	LYCOMING	1	180	5	SENSENICH	76	2	2700	73.40	0.50	73.9	
PA-28-181	2.55	O-360-A4M				76EM8S5-062		F					
PIPER	3.00	LYCOMING	1	235	5	HARTZELL	80	2	2400	72.50	0.40	72.9	
PA-28-236	3.00	0-540-J3A5D				HC-F2YR-1F/F8468A-4		V					
PIPER	2.65	LYCOMING	1	200		MCCAULEY	74	2	2700	75.50	0.00	75.5	
PA-28R-200	2.65	IO-360-CIC				B2D34C213		V					
PIPER	2.65	LYCOMING	1	200		HARTZELL	74	2	2700	75.50	0.00	75.5	
PA-28R-200	2.65	IO-360-CIC				HC-C2YK-1(1)/F766A-		V					
PIPER	2.90	CONTINENTAL	1	200	2	HARTZELL	76	2	2575	69.10	0.50	69.6	
PA-28R-201T	2.90	TSIO-360-FB				PHC-C3YF-1F/7663-2R		V					
PIPER	2.75	LYCOMING	1	200	5	MCCAULEY	74	2	2700	74.40	1.10	75.5	
PA-28RT-201	2.75	I0-360-C1C6				B2D34213/90DHA-16		V					
PIPER	2.90	CONTINENTAL	1	200	4	HARTZELL	76	3	2575	72.50	0.30	72.8	
PA-28RT-201T	2.90	TSIO-360F				PHC-C3YF-1F/F7663-2		V					
PIPER	2.90	CONTINENTAL	1	200	2	HARTZELL	76	2	2575	69.10	0.30	69.4	
PA-28RT-201T	2.90	TSIO-360-F				BHC-C2YF-1F/F8459A-		V					
PIPER	6.50	LYCOMING	2	275	4	HARTZELL	80	3	2400	77.00	-1.60	75.4	
PA-31	6.50	TIO-540-2AC				HC-E3YR-2ATF FC846		V					
PIPER	6.50	LYCOMING	2	275	4	HARTZELL	80	3	2400	78.00	-1.10	76.9	
PA-31-325	6.50	TI0-540-F2BD				HC-E3YR-2ATF FC846		V					
PIPER	7.01	LYCOMING	2	315	4	HARTZELL	80	3	2400	78.00	0.90	78.9	
PA-31-350	7.01	TIO-540-J2BD				HC-E3YR-2ATF FC846		V					

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
PIPER	7.80	PRATT&WHITNEY	2	620	4	HARTZELL	93	3	1900	76.50	-5.00	71.5	
PA-31P	7.80	PT6A-135				HC-B3TN-3C/T10178-8		V					
PIPER	9.00	PRATT&WHITNEY	2	620	4	HARTZELL	93	3	2000	79.20	-5.00	74.2	
PA-31T	9.00	PT6A-28				HC-B3TN-3B/T-10173B		V					
PIPER	8.70	PRATT&WHITNEY	2	455	4	HARTZELL	93	3	2000	76.60	-1.60	75.0	
PA-31T1	8.70	PT6A-11				HC-B3TN-3B/T-10173B		V					
PIPER	9.47	PRATT&WHITNEY	2	620	4	HARTZELL	93	3	1900	79.20	-2.10	77.1	
PA-31T2		PT6A-135				HC-B3TN-3B/T-10173B		V					
PIPER	9.00	PRATT&WHITNEY	2	455	1	HARTZELL	93	3	2200	76.60	-1.00	75.6	
PA-31T3		PT6A-11				HC-B3TN-3B/T-10173K		V					
PIPER	8.97	PRATT&WHITNEY	2	620	4	HARTZELL	93	3	2000	78.20	-4.00	74.2	
PA-31T-62	8.97	PT6A-28				HC-BTN-3B		V					
PIPER	3.40	LYCOMING	1	300		HARTZELL	80	2	2700	80.50	-1.20	79.3	
PA-32-300	3.40	I0-540-K1A5				HC-C2YR-1( )F/F8475D		V					
PIPER	3.60	LYCOMING	1	300	5	HARTZELL	78	3	2700	78.10	-0.60	77.5	
PA-32-301	3.60	I0-540-K1G5				HC-C3YR-1( )F/F7663R		V					
PIPER	3.60	LYCOMING	1	294	5	HARTZELL	80	2	2600	77.30	-0.60	76.7	
PA-32-301	3.60	IO-540-K1G5D				HC-C2YR-1( )F/F8475D		V					
PIPER	3.60	LYCOMING	1	300	4	HARTZELL	78	3	2700	76.10	-1.30	74.8	
PA-32-301T	3.60	TI0-540-SIAD				HC-E3YR-1( )F/F7673D		V					
PIPER	3.60	LYCOMING	1	294	4	HARTZELL	80	2	2575	75.70	-1.30	74.4	
PA-32-301T	3.60	TIO-540-SIAD				HC-E2YR-1( )F/F8477-		V					
PIPER	3.60	LYCOMING	1	300	5	HARTZELL	78	3	2700	78.10	0.30	78.4	
PA-32R-301	3.60	IO-540-K1G5D				HC-C3YR-1( )F/F7663R		V					
PIPER	3.60	LYCOMING	1	294	5	HARTZELL	80	2	2600	77.30	0.30	77.6	
PA-32R-301	3.60	IO-540-K1G5D				HC-C2YR-1( )F/F8475D		V					

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
PIPER	3.60	LYCOMING	1	294	4	HARTZELL	80	2	2575	75.70	0.40	76.1	
PA-32R-301T	3.60	TIO-540-SAID				HC-E2YR-1( )F/F8477-		V					
PIPER	3.60	LYCOMING	1	300	4	HARTZELL	78	3	2700	76.10	0.40	76.5	
PA-32R-301T	3.60	TIO-540-SAID				HC-E3YR-1/F7673		V					
PIPER	3.60	LYCOMING	1	300		HARTZELL	80	2	2400	75.40	0.00	75.4	
PA-32RT-300	3.60	IO-540-S1AD				HC-E2YR-1BF/F8477-4		V					
PIPER	4.60	CONTINENTAL	2	200	4	HARTZELL	76	2	2575	75.70	-2.20	73.5	
PA-34-200T	4.30	TS10-360-E				FC8459-8R/FJC8459-8R		V					
PIPER	4.60	TELEDYNE	2	200	4	MCCAULEY	76	3	2575	78.60	-2.20	76.4	
PA-34-200T	4.30	TS10-360-E/EB				80HA-4/L80HA-4		V					
PIPER	4.70	CONTINENTAL	2	200	4	HARTZELL	76	2	2600	74.20	-2.80	71.4	
PA-34-220T	4.50	TSIO-360-KB				BHC-C2YF-2CKUF/FC		V					
PIPER	4.70	CONTINENTAL	2	200	4	MCCAULEY	76	3	2600	77.00	-2.80	74.2	
PA-34-220T	4.50	TSIO-360-KB				3AF32C50B/82NFA-6		V					
PIPER	1.68	LYCOMING	1	112	5	SENSENICH	72	2	2600	67.80	0.00	67.8	
PA-38-112	1.68	O-235-L2C				72CK-O-56		F					
PIPER	11.20	PRATT+WHITNEY	2	720	4	HARTZELL	95	3	2000	80.30	-3.50	76.8	
PA-42	10.23	PT6A-41				HC-B3TN-3B/T10173A		V					
PIPER	12.05	GARRETT	2	1000	4	DOWTY ROTOL	106	4	1540	75.10	-5.00	70.1	
PA-42-1000	11.10	TPE331-14A-801Y				R339/4-123-F/8RH R34		V					
PIPER	3.80	LYCOMING	2	180	5	HARTZELL	73	2	2700	77.20	-2.50	74.7	
PA-44-180	3.80	0-360-A1H6				HC-C2Y(K,R)-2CEUF/F		V					
PIPER	3.80	LYCOMING	2	180	5	HARTZELL	73	3	2700	78.10	-2.50	75.6	
PA-44-180	3.80	O-360-E1A6D				HC-C3YR-2EUF/FC-76		V					
PIPER	3.92	LYCOMING	2	180	4	HARTZELL	73	3	2575	74.70	-2.30	72.4	
PA-44-180T	3.80	TO-360-E1A6D				HC-C3YR-2EUF FC-76		V					

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
PIPER	3.92	LYCOMING	2	180	4	HARTZELL	74	2	2575	73.80	-2.30	71.5	
PA-44-180T	3.80	TO-360-E1A6D				HC-C2YR-2CUF FC766		V					
PIPER	4.10	CONTINENTAL		310	4	HARTZELL	80	2		74.50	0.00	74.5	
PA-46-310P	3.90	TSIO-520-BE				BHC-C2YF-1BF/F8052		V					
PIPER	4.30	LYCOMING		350	4	HARTZELL	80	2	2500	75.20	-0.50	74.7	
PA-46-350P	4.10	TIO-540-AE2A				HC-I2YR-1		V					
PIPER	5.49	LYCOMING	2	284		HARTZELL	78	3	2520	82.40	-2.40	80.0	
PA-600A	5.49	IO-540-K1J5				HC-C3YR-2UF FG-848		V					
PIPER	5.97	LYCOMING	2	290		HARTZELL	78	2		81.50	-1.70	79.8	
PA-601P	5.97	I0-540-S1A5/-P1A5				HC-C3YR-2/C8468-8R		V					
PIPER	6.00	LYCOMING	2	290	4	HARTZELL	78	3	2425	81.90	-2.60	79.3	
PA-602P	6.00	IO-540-AA1A5				HC-3YR-2UF/FC8468-8		V					
PIPER	6.32	LYCOMING	2	350	4	HARTZELL	76	3	2500	80.80	-1.90	78.9	
PA-60-700P		TIO-540-U2A				HC-C3YR-2UF/FC7451		V					
SIAI MARCHETTI	2.43	AVCO LYCOMING	1			HARTZELL	76		2700			73.2	
F-260C	2.43	AEIO-540-D4A5				HC-C2YK-1BF		V					
SIAI MARCHETTI	7.50	ALLISON	2			HARTZELL	90	3	2030			74.3	
SF 600	7.50	250-B17C				HC-B3TF-7A/T10173-1		V					
SIAI MARCHETTI	2.56	ALLISON		320	4	HARTZELL	76	3	2030	77.00	-5.00	72.0	
SF260	2.56	250-B17D				HC-B3TF-7A							
SOCATA	2.54	LYCOMING	1	180		HARTZELL	74	2	2700			70.7	
TB 10	2.41	O-360-A1-AD				HC-C2YK-1BF/F 7666		V					
SOCATA	3.09	LYCOMING	1	250		HARTZELL	80	2	2575			74.0	
TB 20	2.94	IO-540-C4D5D				HC-C2YK-IBF/F 8477-4		V					
SOCATA	3.09	LYCOMING	1	310		HARTZELL	80	2	2575			75.4	
TB 21	2.94	IO-540-AB1AD				HC-C2YK-IBF/F 8477-4		V					

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

(14 CFR PART 36, APPENDIX F)

MANUFACTURER	MTOW	ENGINE DATA				PROPELLER DATA				NOISE LEVEL (dBA)			
MODEL	MLW (1000#)	MFR, MODEL	NO.	SHP	EXH	MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	MdBA	PC	CdBA	NOTES
SOCATA	2.34	LYCOMING	1	160		SENSENICH	74	2	2700			72.2	
TB 9	2.34	O-320-D2A				74 DM 658-O-54		F					
TAYLORCRAFT	1.20	AVCO LYCOMING	1	118	3	HENDRICKSON	71	2	2500	72.60	-5.00	67.6	
BC-12D	1.20	I0-360-E2A				H73-A50		F					
TAYLORCRAFT	1.50	CONTINENTAL	1	100	5	MCCAULEY	69	2	2750	69.10	-0.70	68.4	
F-19	1.50	0-200-A				1A105/SCM6950		F					
TAYLORCRAFT	1.50	LYCOMING	1	112	5	SENSENICH	71	2	2800	69.00	-0.20	68.8	
F-21	1.50	0-235-L2C				72CK-0-50		F					
TRIDENT	3.80	TELEDYNE	1	232	7	HARTZELL	84	3	4000	78.20	-1.00	77.2	
TR-1	3.80	TIARA 6-285-C4				HC-H3YF-3LF/FL-C96		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

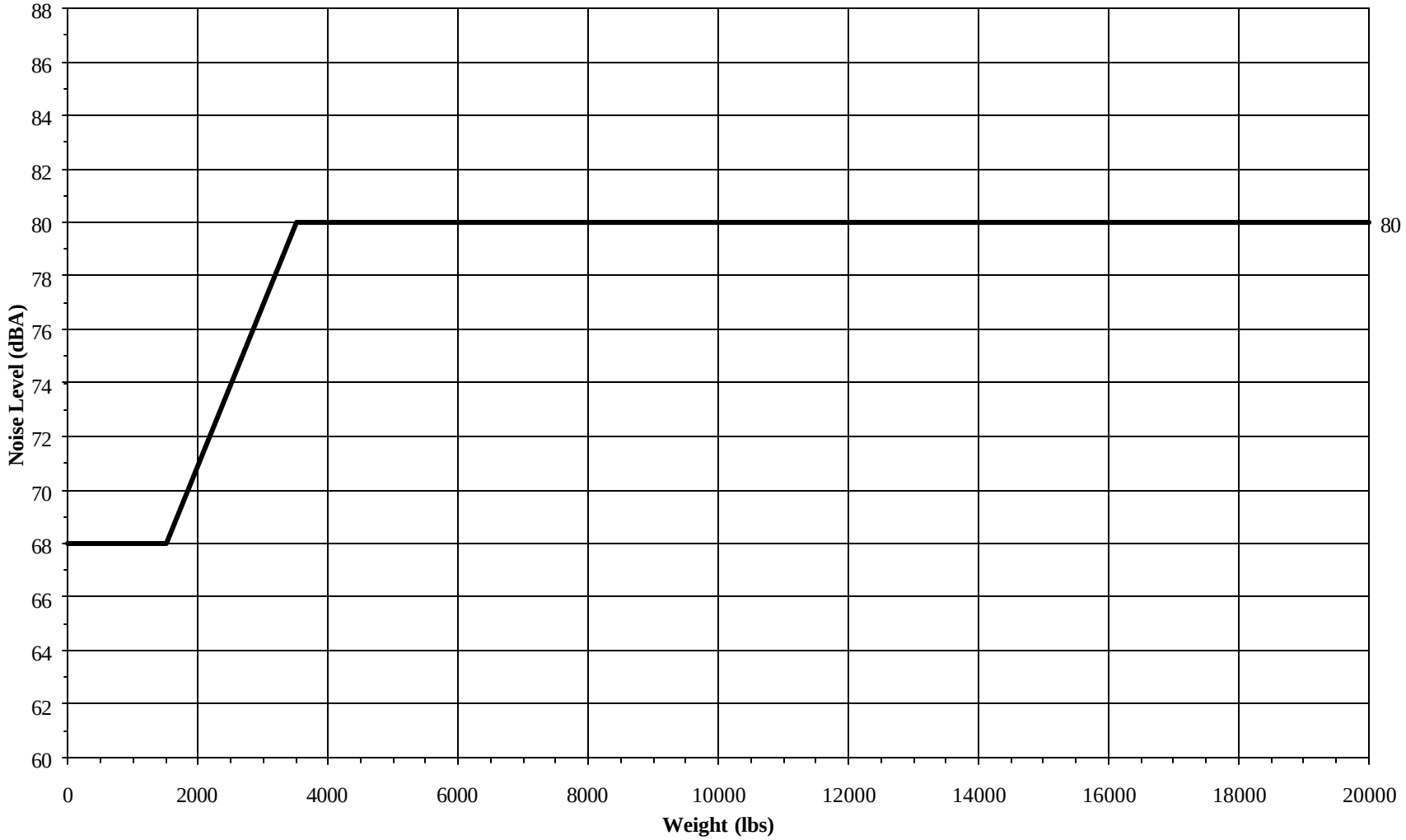
14 CFR PART 36, APPENDIX F
NOISE LIMIT (dBA)

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	EXH	PROPELLER DATA MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	NOISE LEVEL (dBA)	NOTES
AGUSTA SpA	2.60	LYCOMING	1	260		HARTZELL	76	2	2700	79.3	
F260 E	2.60	AEIO-540-D/E4A5				HC-C2YK-4F/FC8477-8		V			
CESSNA	2.45	LYCOMING	1	152.6	8	MCCAULEY	75	2	2210	73.3	
172R	2.45	IO360-L2A				1C235LFA/7570		F			
CESSNA	2.95	CONTINENTAL TCM	1			HARTZELL	80	3	2700	77.8	
182Q (BONAIRE STC# SA01218	2.95	IO-550D				PHC-G3YF-1RF/F8468		V			
CESSNA	3.10	LYCOMING	1	221.3	8	MCCAULEY	82	2	2400	79.7	
182S	3.10	IO-540-AB1A5				B2D34C235/90DKB-8		V			
CESSNA	3.10	LYCOMING	1	229.3	8	MCCAULEY	79	3	2400	77.7	
182S	3.10	IO-540-AB1A5				B3D36C431/80VSA-1		V			
CESSNA	3.60	LYCOMING	1	300	8	MCCAULEY	79	3	2700	84.5	
206H	3.60	IO-540-X144				XB3D36C432-X/G80VS		V			
CESSNA	3.60	LYCOMING	1			MCCAULEY	79	3	2500	79.6	
206H	3.60	IO-580-AIA				B3D36C432/80VSA-1		V			
CESSNA	3.60	LYCOMING	1	300	8	CESSNA	79	3	2500	79.8	
206H	3.60	IO-580-X130				P4327345-01		V			
CESSNA	8.00	PRATT & WHITNEY	1	675	2	MCCAULEY	106	3	1900	79.0	
208	8.00	PT6A-114A				3GFR34C703-106GA		V			
CESSNA	8.00	PRATT & WHITNEY	1	600		MCCAULEY	106	3	1900	81.6	
208/208A	8.00	PT6A-114				3GFR34C703-X/X-106		V			
CESSNA	8.75	PRATT & WHITNEY	1	600		MCCAULEY	106	3	1900	84.2	
208B	8.75	PT6A-114				3GFR34C703-X/X-106		V			
CESSNA	8.75	PRATT & WHITNEY	1	675		MCCAULEY	106	3	1900	82.7	
208B	8.75	PT6A-114A				3GFR34C703-X/X-106		V			
CESSNA	8.75	PRATT & WHITNEY	1	675		HARTZELL	100	3	1900	80.1	
208B	8.75	PT6A-114A				HCBCMN3/M10083		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	EXH	PROPELLER DATA: MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	NOISE LEVEL (dBA)	NOTES
CESSNA T206H	3.60 3.60	LYCOMING TIO-540-AJIA	1			MCCAULEY B3D36C432/80VSA-1	79	3 V	2500	75.8	
CESSNA T206H	3.60 3.60	LYCOMING TIO-540-X143	1	305.9	4	CESSNA XB3D36432-X/80VSA-	79	3 V	2500	75.8	
CESSNA TU206G(WIPAIRE)	3.80	CONTINENTAL TCM TSIO-520M	1			MCCAULEY D3A34C402/90DFA-10	80	3 V	2700	82.0	
CESSNA U206F(WIPAIRE)	3.80 3.80	CONTINENTAL TCM IO-550-F	1			MCCAULEY D3A34C402/90DFA-10	80	3 V	2700	84.3	
CESSNA U206G(WIPAIRE)	3.80 3.80	CONTINENTAL TCM IO-550-F	1			MCCAULEY D3A34C402/90DFA-10	80	3 V	2700	84.3	
CIRRUS DESIGN CORP. SR 20	2.90 2.90	CONTINENTAL IO-360-ES	1			HARTZELL PHC-J3YF-1MF/F7392-	74	3 V	2700	82.5	
CIRRUS DESIGN CORP. SR 20	2.90 2.90	CONTINENTAL IO-360-ES	1			HARTZELL BHC-J2YF-1BF/F7694	76	2 V	2700	82.5	
CIRRUS DESIGN CORP. SR 22	3.40 3.40	CONTINENTAL IO-550-N	1			HARTZELL PHC-J3YF-1RFX/F7694	78	3 V	2700	83.7	
CLASSIC AIRCRAFT F5C	2.95 2.95	JACOBS R755B2	1			SENSENICH W96JB-4-68	92	2 F	2200	79.4	
DATWYLER (MDC) MD3-160(MUFFLED EXHAUST)	2.03 2.03	LYCOMING 0-320-D2A	1			MCCAULEY 1C172/AGM7462	74	2 F	2700	67.9	
DATWYLER (MDC) MD3-160(STNDRD EXHAUST)	2.03 2.03	LYCOMING 0-320-D2A	1			MCCAULEY 1C172/AGM7462	74	2 F	2700	71.7	
DORNIER SEASTAR CD 2	10.14 9.92	PRATT & WHITNEY PT6A-135A	2			MCCAULEY 4HFR34C760/4HFR34C	94.5	4 V	1900	78.5	
ESTUMKEDA, LTD d.b.a MICCO MAC-145B	2.85 2.74	LYCOMING IO-540-T4B5	1			HARTZELL HC-C3YR-1RF/F7693	78	3 V	2700	82.8	

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	EXH	PROPELLER DATA MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	NOISE LEVEL (dBA)	NOTES
EXTRA FLUGZEUGBAU	4.41	CONTINENTAL	1			MT-PROPELLER	76.77	4	2500	79.0	
EA 400	4.41	TSIOL-550-A				MTV-14-D/195-30A		V			
FAIRCHILD	16.50	ALLIEDSIGNAL	2	1000		MCCAULEY	106	4	1591	80.4	
SA227-CC	15.67	TPE 331-11U-612G				4HFR34C652(X)/(X)L1		V			
FAIRCHILD	16.50	GARRETT	2	1000		MCCAULEY	106	4	1591	80.9	
SA227-DC	15.67	TPE331-12UHR-701G				4HFR34C652(X)/(X)L1		V			
FAIRCHILD	16.50	ALLIEDSIGNAL	2	1000		MCCAULEY	106	4	1591	80.9	
SA227-DC	15.70	TPE331-12UA/AR701				4HFR34C652X/X-L106		V			
FFA	2.40	LYCOMING	1			HARTZELL	74	2	2700	77.1	
AS202/18A4	2.30	AEIO-360-B1F				HC-C2YK-1BF		V			
FOUND AIRCRAFT CANADA	3.20	LYCOMING	1			HARTZELL	84	3	2700	85.2	
FBA-2C1	3.20	IO-540-D4A5				HC-C3YR-1RF/F8468A		V			
GENERAL AVIA	1.68	LYCOMING	1	101					2450	76.9	
F22	1.68	0-235-N2C				MT 180R 120-2C		F			
GYROFLUG-INGENIEUR	1.58	LYCOMING	1	153		MT-PROPELLER	60.25	3	2500	72.0	
SC 01 B-160	1.58	O-320 D1A				MTV-6-C/LD 152-07		V			
KINGS ENGINEERING	5.80	LYCOMING	2			HARTZELL	76	3	2700	84.2	
44	5.80	IO-540-M1A5				HC-E3YR-2ALTF/FLC-		V			
MOONEY	2.74	CONTINENTAL	1			HARTZELL	75	2	2800	84.2	
M20F (MODWORK STC SA0220	2.74	IO-360-ES				BHC-J2YF-1BF/F7694-		V			
MOONEY	3.40	LYCOMING	1	270		MCCAULEY	75	2	2575	74.0	
M20M	3.40	TIO-540-AF1A				B3D32C417/G82NRd0		V			
OSTMECKLENBURGISCHE FL	1.96	LYCOMING	1			MT PROPELLER	73	2	2700	70.7	
OMF-100-160	1.96	O-320-D2A				MT 186 R 140-30		F			
PARTENAVIA	4.60	LYCOMING	2			HARTZELL	72	2	2700	78.2	
P68 OBSERVER 2	4.40	IO360 A1B6				HC-C2YK-2F/F07666A		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	EXH	PROPELLER DATA MFR, MODEL	DIAM (IN)	BLADES PITCH	RPM	NOISE LEVEL (dBA)	NOTES
PIAGGIO	10.80	PRATT & WHITNEY	2			HARTZELL	84.96	5	2000	81.9	
P 180	10.80	PT6A-66				M8218X9/LM8218X9		V			
PIAGGIO	11.60	PRATT&WHITNEY	2			HARTZELL	85	5	2000	81.8	
P180	11.60	PT6A-66				HC-E5N-3/HE8218		V			
PILATUS BRITTEN	8.50	ALLISON	2			HARTZELL	80	3	2030	76.0	
BN-2T-4R	8.50	250-B17F/1				HC-C3YF-5F/FC7818K		V			
PILATUS FLUG. AG	6.20	PRATT&WHITNEY	1			HARTZELL	102.6	3	2000	79.4	
PC-6/B2-H4	6.20	PT6A-27				HC-B3TN-3		V			
PIPER	2.44	LYCOMING	1			SENSENICH	74	2	2700	76.0	
PA-28-161 III	2.44	0-320-D3G				74DM6-0-60		F			
PIPER	2.55	LYCOMING	1			SENSENICH	76	2	2700	73.1	
PA-28-181 III	2.55	O-360-A4M				76EM8S14-0-62		V			
PIPER	3.60	LYCOMING	1	300		HARTZELL	78	3	2700	81.7	
PA-32R-301 HP	3.60	IO-540-K1G5				HC-I3YR-1RF		V			
PIPER	4.85	PRATT & WHITNEY		500		HARTZELL		4	2205	73.7	
PA-46-500TP	4.85	PT6A-42A				HC-E4N-3Q/E8501B-3.					
PZL WARZAW	1.90	LYCOMING	1			SENSENICH	74.25	2	2700	72.3	
PZL KOLIBER 150A	1.90	0-320-EZA				74DM6-0-58		F			
PZL WARZAW	1.90	LYCOMING	1			SENSENICH	74.25	2	2700	73.8	
PZL KOLIBER 150A	1.90	0-320-EZA				74DM6-0-54		F			
RANS INC.	1.20	ROTAX	1			SENSENICH	72	2	2400	70.2	
S-7C	1.20	912S				W72RR		F			
RAYTHEON	6.50	PRATT & WHITNEY	1			HARTZELL	97	4	2000	76.7	
3000	6.50	PT6A-68				HC-E4A-2/E9612		V			
RAYTHEON	15.00	PRATT & WHITNEY	2			HARTZELL	105	4	1700	72.9	
B300	15.00	PT6A-60A				HC-B4MP-3C		V			

Appendix 8 Notes

None

Exhaust Configurations (Reciprocating Engines)

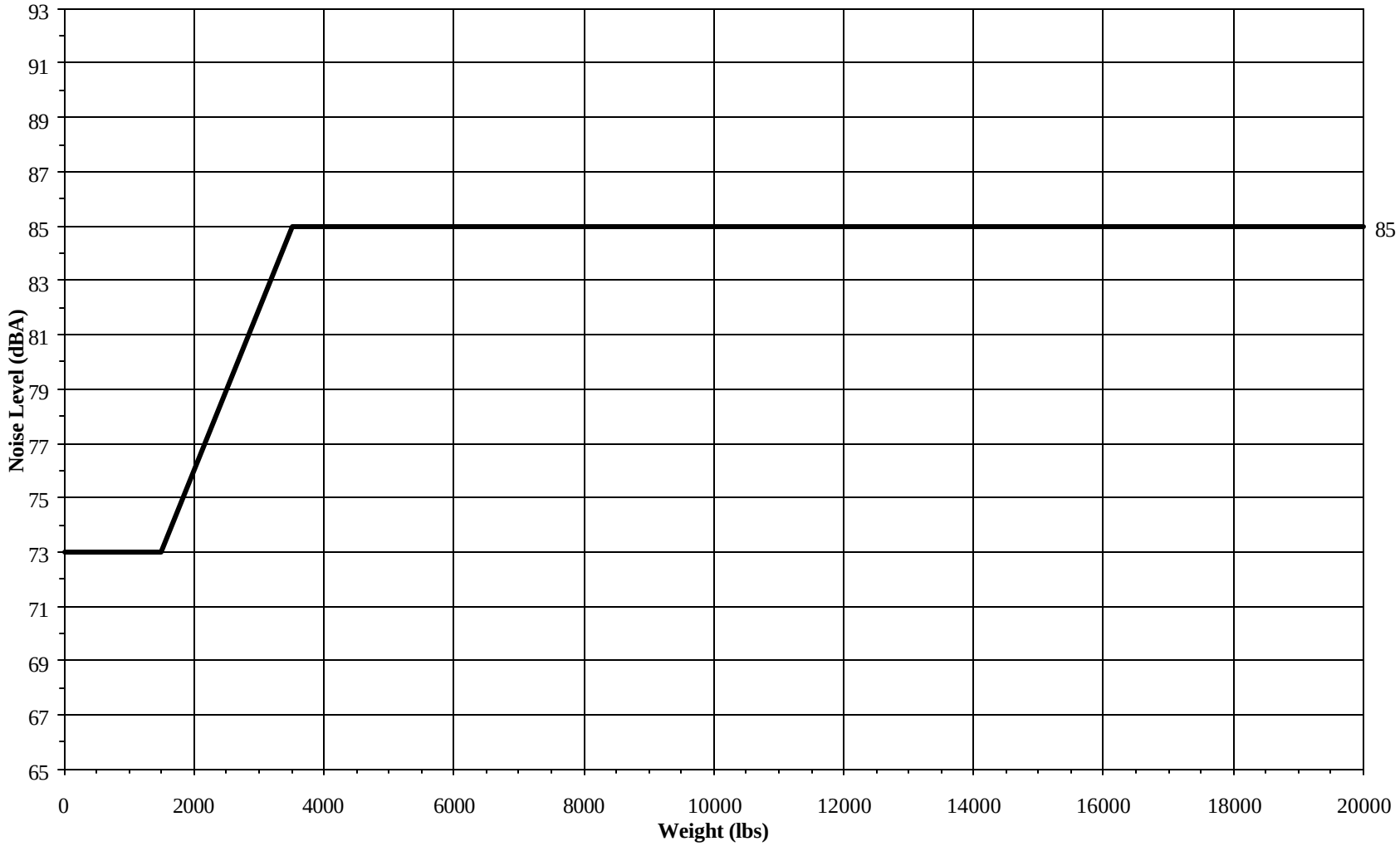
1 Stub Pipes
2 Small Collector, Short Exhaust Pipe
3 Baffles In Collector and/or Cones In Exhaust Pipe
4 Turbine Or Turbocharger
5 Heat Muff
6 Collector Wraparound Manifold Straight Pipe
7 Manifold Muffler
8 Resonator Muffler

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

14 CFR PART 36, APPENDIX 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



AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER 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
A. SCHLEICHER	1.65	LIMBACH	1	74			HOFFMANN	63	2	60.0	-1.3	58.7	
ASK 16		L2000-EB-1					HO-V62R/LT160T		V				
AIRCONCEPT	0.73	LIMBACH	1	59			HOFFMANN	59	2	64.1	-1.3	62.8	
VOWI-10		SL-1700-EA					HO-11-150B65L		F				
AKA-FLIEG STUTTGART	1.98	LYCOMING	1	181			HOFFMANN	78	2	72.1	-1.4	70.6	
FS-28		IO-360-B17					HO-V-132K-X/LD210		V				
ALPLA-WERKE	1.50	LIMBACH	1	59			HOFFMANN	59	2	62.8	1.8	64.6	
AVO-68S		SL-1700-EI					HO-11-150B75L		F				
ALPLA-WERKE	1.51	LIMBACH	1	59			HOFFMANN	59	2	64.1	1.8	65.9	
AVO-68S		SL-1700-EI					HO-11-150B-75L		F				
BEECH	3.98	LYCOMING	2	165	2700	1	HARTZELL	76	2	79.5	-2.3	77.2	
B76		O-360-A1G6D					HC-M2YR-2CLUF/FC76		V				
BEECH (EXCALIBUR)	8.80	LYCOMING	2		2400		HARTZELL		3	77.0	-0.7	76.3	
65-B80	8.80	IO-720-A1B					HC-A3VK-2/V8433N-2R		V				
BUCKER (UMBAU)	1.48	LYCOMING	1	153			HOFFMANN	74	2	69.6	-6.2	64.6	
BU 131		AIO-320-C1B					HO-23 A-188 125		F				
CASA	1.59	LYCOMING	1	170			HOFFMANN	78	2	71.4	-5.0	66.4	
1.131E S2000		AEIO-360-B2F					HO-27 HM-198B		F				
CASA	1.59	ENHASA	1	118			ENHASA	83	2	67.0		67.0	
1.131E S2000		TIGRE G-IV-B					HC 212.111		F				
CASA SPANIER	1.59	TIGER ENHASA	1	99			ENHASA	83	2	71.4	-1.8	69.6	
1.131-E		G-IV-A2					HC-212-111		F				
DEHAVILLAND	12.57	PRATT+WHITNEY	2	620	2112		HARTZELL	102	3	82.3	-4.9	77.4	
DH6-300	12.35	PT6A-27					HC-B3TN-3D		V				
DORNIER	13.15	GARRETT	2				HARTZELL	107	4			75.3	
228-101		TPE331-5-252D					HC-B4TN-5ML/LT10574						
DORNIER	13.15	GARRETT	2				HARTZELL	107	4			75.3	
228-201		TPE331-5-252D					HC-B4TN-5ML/LT10574						

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER 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
DORNIER	9.59	PRATT+WHITNEY	2	399			HARTZELL	100	3	70.8	-5.0	65.8	
DO-28-D		PT-6A-110					HC-B-3TN-3D		V				
FOKKER	2.61	AVCO LYCOMING	1	260			HARTZELL	85	3	68.8	-0.1	68.7	
P-149D		GO-480-B1A6					HC-A3V20-1D/V8433SP		V				
FUJI HEAVY IND.	2.54	LYCOMING	1	180			MCCAULY	74	2	73.1	0.5	73.6	
FA-200-180		IO-360-B1B					B2D34-C53/74E-O		V				
GREAT LAKES AIRCRAFT	1.80	LYCOMING	1	177			HARTZELL	74	2	74.4	-5.0	69.4	
2T-1A-2		AEIO-360-B1G6					HC-C2YK-4BF		V				
GULFSTREAM AMERICAN	1.52	LYCOMING	1	108	2500		MC CAULEY	71	2	68.3	0.3	68.6	
AA-1A		O-235-C2C					SCM1A105/7154		F				
GULFSTREAM AMERICAN	2.20	LYCOMING	1	150	2680		MC CAULEY	73	2	73.3	-0.6	72.7	
AA-5A		O-320-E2G					IC172/BTM7359		F				
LEICHTFLUG-TECHNIK	2.65	LYCOMING	1	197			HARTZELL	74	2	72.9	0.1	73.0	
LFU-205		IO-360-A1C					HC-C2YK-1B/F7666A-2		V				
LET KONVICE	1.28	VK	1	50			HOFFMANN	51	2	59.5		59.5	
BLANIK-L-13M		VW 1500-FR					HO-11-130B-100D		F				
MBB	1.39	CONTINENTAL	1	69			MCCAULY	69	2	66.9		66.9	
BO-208		0-200-A					1A-100MCM-6950		F				
MBB	1.39	CONTINENTAL	1	99			MCCAULY	69	2	67.3		67.3	
BO-208		0-200-A					1A-100MCM-6955		F				
MBB	1.39	CONTINENTAL	1	99			MCCAULY	67	2	67.5	-1.0	66.5	
BO-208		O-200-A					1A-100MCM-6758		F				
MBB	1.81	LYCOMING	1	147			HARTZELL	76	2	70.7	-1.6	69.1	
BO-209		0-320-E1F					HC-C2YL-1B/7663A-6 `		V				
MBB	1.81	LYCOMING	1	157			HARTZELL	76	2	70.8	-3.2	67.6	
BO-209		IO-320-D1A					HC-C2YL-1B/7663-SP		V				
MBB	1.81	LYCOMING	1	147			MCCAULY	70	2	70.6	-0.9	69.7	
BO-209-FF		O-320-E2F					1C-172MGM70-5-66		F				

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER 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
MBB	2.31	LYCOMING	1	197			HARTZELL	76	2	72.8		72.8	
SIAT 223		IO-360-C1D6					HC-C2YK-1BF		V				
MORANE SAULNIER	1.87	CONTINENTAL	1	145			MCCAULY	76	2	71.3	-0.3	70.3	
MS-885		0-300-A					1C-172MDM-7652		F				
MORAVAN CSSR	2.98	MORAVAN	1	168			AVIA-PRAHA	79	2	71.7	1.4	73.1	
ZLIN 43		M337A					V500A		V				
MUDRY CAARP	1.83	LYCOMING	1	241	2700		HOFFMANN	71	2	67.0		67.0	
CAP 10		10 360 B2F					MO 29 HM 80170		F				
PARTENAVIA	4.32	LYCOMING	2	200	2700		HARTZELL	72	2	79.6	-5.0	74.6	
P 68 B		IO-360-A1B6					HC-C2YK-2CF/FC7666A		V				
PILATUS BRITTEN	6.31	LYCOMING	2	300	2500	4	HARTZELL	80	2	80.7	-5.0	75.7	
BN 2A-2		IO-540-K1B5					HC-C2YK-2CF/FC8477A		V				
PILATUS BRITTEN	9.50	LYCOMING	3	260	2500	6	HARTZELL	80	2	80.0	-2.0	78.0	
BN-2A MKIII-2		O-540-E4C5					HC-2CYK-2CUF/FC8477		V				
PILATUS BRITTEN	9.50	LYCOMING	3	260	2500	6	HARTZELL	78	2	79.4	-2.0	77.4	
BN-2A MKIII-2		O-540-E4C5					HC-C2YK-CUF/FC8477		V				
PILATUS BRITTEN	10.01	LYCOMING	3	260	2500	6	HARTZELL	80	2	80.0	-0.9	79.1	
BN-2A MKIII-3		O-540-E4C5					HC-C2YK-2CUF/FC8477		V				
PILATUS BRITTEN	10.01	LYCOMING	3	260	2500	6	HARTZELL	78	2	79.4	-0.9	78.5	
BN-2A MKIII-3		O-540-E4C5					HC-C2YK-2CUF/FC8477		V				
PILATUS BRITTEN	6.31	LYCOMING	2	300	2500	4	HARTZELL	78	2	77.9	-5.0	72.9	
BN-2A-2		IO-540-K1B5					HC-C2YK-2CF/FC8477A		V				
PILATUS BRITTEN	6.59	LYCOMING	2	300	2500	4	HARTZELL	80	2	80.7	-4.0	76.7	
BN-2A-21		IO-540-K1B5					HC-C2YK-2CF/FC8477A		V				
PILATUS BRITTEN	6.59	LYCOMING	2	300	2500	4	HARTZELL	78	2	77.9	-4.0	73.9	
BN-2A-21		IO-540-K1B5					HC-C2YK-2CF/FC8477-		V				
PILATUS BRITTEN	6.30	LYCOMING	2	256			HARTZELL	79	2	82.3	-3.7	78.6	
BN-2A-6		O-54O-E4C5					HC-C2YK-2CF/FC8477A		V				

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER 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	6.59	ALLISON	2	320		4	HARTZELL	80	3	72.3	-4.1	68.2	
BN-2T		250-B17C					HC-C3YF-5F/FC8475FK-		V				
PILATUS-PORTER	4.85	AIRESEARCH	1	576			HARTZELL	102	3	74.6	-5.0	69.6	
PC-6C1-H2/PC-6T		TPE331-1-100					HC-B3TN-5C/T10178C/-		V				
PIPER	2.16	LYCOMING	1		2700		SENSENICH	74	2	70.6	0.9	71.5	
PA-28-150		O-320-E2A					M74-DM-58		F				
POLISH	2.87	PZL-FRANKLIN	2	260	2050	2		104	2	72.3	-3.8	68.5	
PZL-104	2.87	AI-14R					US 122		V				
POLISH	2.87	PZL-FRANKLIN	2	260	2050	5		104	2	65.4	-3.8	61.6	
PZL-104 W/ T-05	2.87	AI-14R					US 122		V				
POLISH	1.70	PZL-FRANKLIN	2	125	2050	2		70	2	67.0	2.8	69.8	
PZL-110	1.70	4A.235 B					US 135		F				
REIMS AVIATION	1.68	LYCOMING	1	109	2550		MCCAULEY	69	2	65.7	-1.0	64.7	
F 152 II		C235 L2C					1A 103/TCM 6958		F				
REIMS AVIATION	2.29	LYCOMING	1	150	2700		MCCAULEY	75	2	72.7	1.2	73.9	
F 172 M		C 320 E2D					1C 16//DTM 7557		F				
REIMS AVIATION	2.29	LYCOMING	1	160	2700		MCCAULEY	75	2	73.4	-0.1	73.3	
F 172 N		C 320 H2AD					1C 160/DTM 7557		F				
REIMS AVIATION	2.95	CONTINENTAL	1	230	2600		MCCAULEY	82	2	77.4	-1.4	76.0	
F 182 P		0 470 S					2A 34C 66		V				
REIMS AVIATION	2.95	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	3.09	LYCOMING	1	235	2400		MCCAULEY	82	2	73.1	-2.5	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				

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER 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
ROBIN	2.31	LYCOMING	1	160	2700		SENSENICH	74	2	72.9	0.3	73.2	
DR 400/160	2.31	0 320 D					74 DM 65264		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	2.20	LYCOMING	1	180	2700		SENSENICH	76	2	74.1	-2.5	71.6	
DR 400/180R	2.20	0-360 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	67.5	
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	0 320 D					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	58.3	-1.0	57.3	
SF-25C		SL-1700-EA					HO-11-150B-75L		F				
SCHEIBE FLUGZEUGBAU	0.85	HIRTH-MOT.BAU	1	28			HOFFMANN	47	2	67.7	0.2	67.9	
SF-27 M-B		171R-4E					HO-02-120-50		F				
SCHEMPP-HIRTH	1.50	BINDER MOT.BAU	1	52			HOFFMANN	62	2	65.2	1.4	66.6	
CM		WB-2					HO-11 158B-70		F				
SCHEMPP-HIRTH	1.32	SCHEMPP-HIRTH	1	50			HOFFMANN	57	2	63.6	1.8	65.4	
NIMBUS-2M		SM-1 (O-28280R)					HO-11 145-B80		F				
SHORT BROS.	12.57	AIRESEARCH	2	715			HARTZELL	98	3	81.9	-4.7	77.2	
SKYVAN		TPE-331-2-201A					HC-B3TN-SE/T10282HB		V				
SLINGSBY ENGINEERING	1.65	LYCOMING	1	118	2800	2	HOFFMAN	70	2	70.9	-2.3	68.6	
T 67A		O-235-L2A					HO14-178-120		F				

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER 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
SOC.AERONAUT.	2.65	LYCOMING	1	177			SENSENICH	76	2	74.0	0.2	74.2	
JODEL D 140B		0-360-A2A					76EM8-0-60		F				
SOCATA	1.70	LYCOMING	1	110	2600		MCCAULEY	69	2	67.6	1.0	68.6	
110 ST		0-235L-2A					1A 103TCM 6958		F				
SOCATA	1.98	LYCOMING	1	160	2700		SENSENICH	74	2	73.8	-2.2	71.6	
150 SV		0 326 D2A					M 74 DM 61		F				
SOCATA	2.09	LYCOMING	1	180	2700		SENSENICH	76	2	73.1	-0.8	72.3	
180 T	2.09	0 360 A3A					76 EM8 060		F				
SOCATA	2.65	LYCOMING	1	235	2575		HARTZELL	80	2	74.3	-0.7	73.6	
235 E	2.65	0 540 B4B5					HCC2 YK184684		V				
SOCATA	1.70	ROLLS ROYCE	1	100	2750		MCCAULEY	67	2	68.8		68.8	
880 B	1.70	0 200 A					1A 101 DCM/6948		F				
SOCATA	2.31	LYCOMING	1	185	2700		HOFFMANN	73	2	71.3		71.3	
893 E	2.31	0 360 A3A					HO 27 HM/186 135		F				
SOCATA	2.29	LYCOMING	1	180	2700		HARTZELL	74	2	72.4	-0.9	71.5	
TB 10		0-360-A1AD					HC-C2YK-1BF-F7666-A		V				
SOCATA	2.34	LYCOMING	1	160	2700		SENSENICH	74	2	71.2	1.3	72.5	
TB 9		0 320 D2A					74 DM6 61		F				
SPORTAVIA PUTZ.	1.54	CONTINENTAL	1	88			HOFFMANN	72	2	66.0		66.0	
ELSTER B		C90-12F					HO-14-183 100		F				
SPORTAVIA PUTZ.	1.43	LIMBACH	1	71			HOFFMANN	59	2	63.4	-1.3	62.1	
RF-5		L2100-EIX					HO-VR/L-150A		V				
SPORTAVIA PUTZ.	1.98	LYCOMING	1	150			HOFFMANN	70	2	71.2	-1.1	70.1	
RF6-B		0-320-A1B					HO-23 178-145		F				
SPORTAVIA PUTZ.	2.45	LYCOMING	1	180			MCCAULY	75	2	73.8		73.8	
RS-180		0-360-A3A					1A170/FFA7563		F				
SPORTAVIA PUTZ.	2.43	LYCOMING	1	180			HOFFMANN	70	2	66.8	-0.9	65.9	
RS-180		0-360-A3A					HO-27-HM-180138		F				

AIRCRAFT NOISE DATA FOR FOREIGN CERTIFICATED PROPELLER 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
WASSMER	1.76	ROLLS ROYCE	1	134	2700		HOFFMANN	69	2	68.3		68.3	
WA 80		0 200 A					HO 14.175.113		F				
ZAKLADY SZCYBOWCOWE	1.54	LIMBACH	1	59			HOFFMANN	57	2	68.9	0.3	69.2	
SZD 45		SL-1700-EC					HO-11-145 B75D		F				

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 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
AGUSTA	6.28	PRATT&WHITNEY	2	AGUSTA	4	36.00	AGUSTA	2	6.60	90.8	91.4	91.4	2	
A109E	6.28	206C												
AGUSTA	6.28	TURBOMECA	2	AGUSTA	4	36.00	AGUSTA	2	6.60	90.9	91.8	93.3	2	
A109E	6.28	ARRIUS 2K1												
AGUSTA	6.28	TURBOMECA	2	AGUSTA	4	36.00	AGUSTA	2	6.60	89.1	91.7	91.1	2	
A109K2	6.28	ARRIEL 1K1												
BELL HELI TEXTRON	4.45	ALLISON	1	BELL HELI TEXT	2	37.00	BELL HELI TEXT	2	5.40	85.2	88.4	90.7	2	
206L-4	4.45	250-C30P		206-015-001-107			206-016-201-127							
BELL HELI TEXTRON	8.40	ALLISON	2	BELL HELI TEXT	2	42.00	BELL HELI TEXT	2	6.83	90.5	89.1	94.2	2	
230 FXD SKD GR	8.40	250-C30G/2		222-018-501-101			222-016-001-107							
BELL HELI TEXTRON	8.40	ALLISON	2	BELL HELI TEXT	2	42.00	BELL HELI TEXT	2	6.83	90.8	89.1	94.2	2	
230 RTR WHL GR	8.40	250-C30G/2		222-018-501-101			222-016-001-107							
BELL HELI TEXTRON	11.90	PRATT&WHITNEY	2	BELL HELI TEXT	4	46.00	BELL HELI TEXT	2	8.60	93.4	92.8	95.6	2	
412 HP	11.90	PT6T-3E		412-015-300-109			212-010-750-105							
BELL HELI TEXTRON	11.90	PRATT&WHITNEY	2	BELL HELI TEXT	4	46.00	BELL HELI TEXT	2	8.60	93.4	93.2	95.6	2	
412 SP	11.90	PT6T-3B		412-015-300-109			212-010-750-105							
BELL HELI TEXTRON	11.90	PRATT&WHITNEY	2	BELL HELI TEXT	4	46.00	BELL HELI TEXT	2	8.60	93.4	92.8	95.6	2	
412EP	11.90	PT6T-3D		412-015-300-109			212-010-750-105							
BELL HELI TEXTRON	6.00	PRATT&WHITNEY	2	BELL HELI TEXT	4	37.00	BELL HELI TEXT	2	5.67	89.1	88.0	91.2	2	
427	6.00	PW207D		427-015-001-125			427-016-001-109							
BELL HELI TEXTRON	6.35	PRATT&WHITNEY	2	BELL HELI TEXT	4	37.00	BELL HELI TEXT	2	5.67	89.0	88.5	91.2	2	
427	6.35	PW207D		427-015-001-125			427-016-001-109							
BELL HELI TEXTRON	9.00	ALLISON	2	BELL HELI TEXT	4	42.00	BELL HELI TEXT	2	6.90	91.6	92.4	93.8	2	
430	9.00	250-C40B		430-015-001-101			222-016-001-111							
BOEING	3.35	ALLISON	1	MCDONNELL DOUG	5	27.35	MCDONNELL DOUG			80.2	85.4	87.9	2	
MD 520N	3.35	250-C20R/2		369D21102-503			NOTAR							
EHI	31.50	GE	3		5	61.00		4	.3.10	93.1	97.6	99.5	2	
EH 101/300/500	31.50	CT7-6A												
EUROCOPTER	20.20	TURBOMECA	2		4	53.10		4	.0.40	93.2	94.2	96.5	2	
AS 332L2	20.20	MAKILA 1A2												

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED HELICOPTERS

(14 CFR 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 AS 350 B2	4.96	TURBOMECA ARRIEL 1D1	1	AEROSPATIALE 355A31.0001	3	35.07	AEROSPATIALE 355A12.0031 OR 0040	2	6.10	87.1	89.8	91.4	2	
EUROCOPTER AS 350BA	4.63 4.63	TURBOMECA ARRIEL 1B	1		3	35.10		2	6.10	86.8	91.1	91.3	2	
EUROCOPTER AS 355 N	5.60 5.40	TURBOMECA ARRIUS 1A/4M	2	EUROCOPTER STARFLEX 355A340004-	3	35.60	EUROCOPTER 350A33-0008-03/04	2	6.20	86.2	88.8	92.9	2	
EUROCOPTER AS 355F2R	5.29 5.29	ALLISON 250-C20F	2		3	35.10		2	6.10	87.6	89.0	93.8	2	
EUROCOPTER AS 355N	5.60 5.60	TURBOMECA ARRIUS 3191M	2		3	35.10		2	6.10	86.2	88.8	92.9	2	
EUROCOPTER AS 365N2	9.37 9.37	TURBOMECA ARRIEL 1C2	2		4	39.20		11	3.60	91.0	93.3	96.1	2	
EUROCOPTER BK 117B2	7.39 7.39	LYCOMING LTS-101-750B1	2		4	36.10		2	6.40	90.8	90.0	96.0	2	
EUROCOPTER BK 117C1	7.39 7.39	TURBOMECA ARRIEL 1E2	2		4	36.10		2	6.40	89.7	90.6	96.0	2	
SIKORSKY S-76A STC:568NE	10.80 10.80	TURBOMECA ARRIEL 1S	2	SIKORSKY 76150-9000/09100	4	44.00	SIKORSKY 76101-05101-041	4	8.00	92.8	92.5	95.6	2	
SIKORSKY S-76C	11.70 11.70	TURBOMECA ARRIEL 1S1	2	SIKORSKY 76150-09199-41	4	44.00	SIKORSKY 76101-05501-041	4	8.00	93.2	96.0	97.7	2	
SIKORSKY S-76C+ (PLUS)	11.70 11.70	TURBOMECA ARRIEL 2S1	2	SIKORSKY 76150-09100-41	4	44.00	SIKORSKY 76101-05501-041	4	8.00	91.6	93.9	96.1	2	

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

STAGE 2

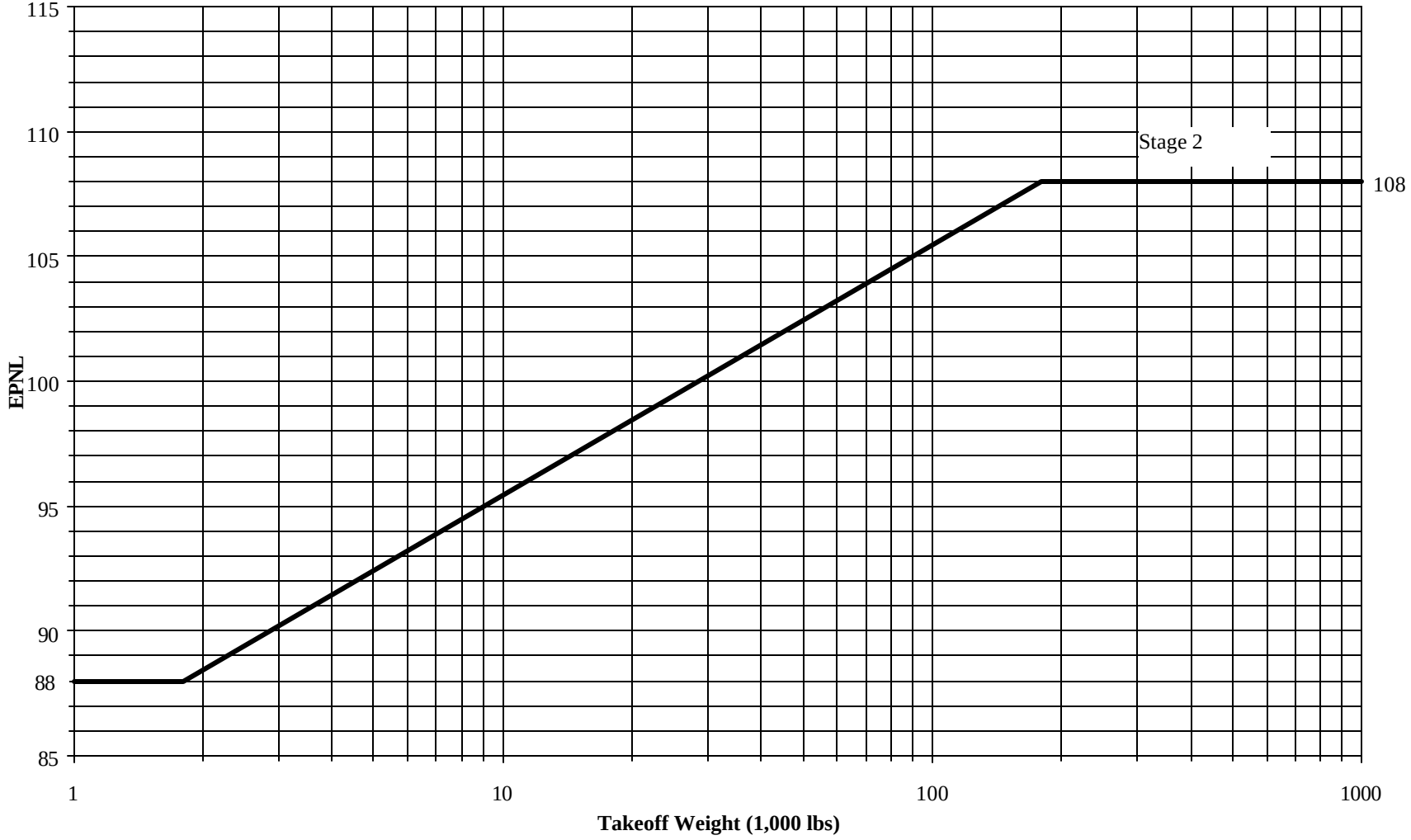
	Takeoff Limits (EPNdB)	Flyover Limits (EPNdB)	Approach Limits (EPNdB)
Up to and including 1,764 pounds	89	88	90
Between 1,764 pounds and 176,370 pounds	$89 + 3.01\left\{\frac{\log \frac{W}{1{,}764}}{\log 2}\right\}$	$88 + 3.01\left\{\frac{\log \frac{W}{1{,}764}}{\log 2}\right\}$	$90 + 3.01\left\{\frac{\log \frac{W}{1{,}764}}{\log 2}\right\}$
176,370 pounds or more	109	108	110

NOISE CERTIFICATION REQUIREMENTS - HELICOPTERS

TAKEOFF

NOISE CERTIFICATION REQUIREMENTS - HELICOPTERS

SIDELINE



NOISE CERTIFICATION REQUIREMENTS - HELICOPTERS

APPROACH

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED HELICOPTERS

(14 CFR PART 36, APPENDIX J)

MANUFACTURER	MGW MLW	ENGINE DATA		MAIN ROTOR			TAIL ROTOR			NOISE LEVEL (SEL)		
MODEL	1000#	MFR, MODEL	NO.	MFR, MODEL	BLADES	DIA(FT.)	MFR, MODEL	BLADES	DIA(FT.)	FO	STAGE	NOTES
AGUSTA	6.00	PRATT & WHITNEY	1	AGUSTA	4	35.50	AGUSTA	2	6.60	85.9	2	
A119	6.00	PT6B-37										
BELL HELI TEXTRON	4.55	ALLISON	2	BELL HELI TEXT	2	37.00	BELL HELI TEXT	2	5.40	85.2	2	
206L-4 w/STC00036SE	4.55	250-C20R		206-015-001-107			206-016-201-127					
BELL HELI TEXTRON	5.00	ALLISON	1	BELL HELI TEXT	4	35.00	BELL HELI TEXT	2	5.40	85.1	2	
407	5.00	250-C47B		407-015-001-101			406-016-100-101					
BOEING	4.10	ALLISON	1		6	27.50		13		79.0	2	
MD 600N		250-C47										
BOEING	6.00	PRATT & WHITNEY	2	MCDONNELL DOUGLA	5	33.85	MCDONNELL DOUGLA	13	1.83	82.1	2	
MD 900	6.00	PW206A					NOTAR					
ENSTROM	2.60	LYCOMING	1	ENSTROM	3	32.00	ENSTROM	2	4.70	79.0	2	
280FX/F-28F	2.60	H10-360-F1AD		28-14003-6			28-150079-5					
ENSTROM	2.85	ALLISON	1	ENSTROM	3	32.00	ENSTROM	2	5.00	83.6	2	6
480	2.85	250-C20W		4143000-3			28-150079-7					
ENSTROM	3.00	ALLISON	1	ENSTROM	3	32.00	ENSTROM	2	5.00	83.7	2	
480B	3.00	250-C20W		4143000-3			28-150079-7					
ENSTROM	2.85	ALLISON	1	ENSTROM	3	32.00	ENSTROM	2	5.00	82.4	2	
TH28/480	2.85	250-C20W		4143000-1			28-150073-3					
EUROCOPTER	3.70	PRATT & WHITNEY	1		4	32.80		8		78.7	2	
EC 120		PT6B-37										
EUROCOPTER	5.80	PRATT & WHITNEY	2		4	33.50				81.6	2	
EC135P		PW206B										
EUROCOPTER	5.80	TURBOMECA	2		4	33.50				80.2	2	
EC135T		ARRIUS 2B										
KAMAN	6.00	TEXTRON LYCOMING	1	KAMAN	2	48.20				82.5	2	4
K-1200	6.00	T5317A-1		K-1200(2)2 Rotors								
ROBINSON	2.40	LYCOMING	1	ROBINSON	2	33.00	ROBINSON	2	4.83	81.9	2	
R44	2.40	O-540-F1B5		C016-2			C029-1					
SCHWEIZER	2.05	LYCOMING	1	SCHWEIZER	3	26.83	SCHWEIZER	2	4.25	78.8	2	1
269C	2.05	IO-360-D1A		269A1002			269A6034-19					

AIRCRAFT NOISE DATA FOR U.S. CERTIFICATED HELICOPTERS

(14 CFR PART 36, APPENDIX J)

MANUFACTURER	MGW	ENGINE DATA		MAIN ROTOR			TAIL ROTOR			NOISE LEVEL (SEL)		
MODEL	MLW 1000#	MFR, MODEL	NO.	MFR, MODEL	BLADES	DIA(FT.)	MFR, MODEL	BLADES	DIA(FT.)	FO	STAGE	NOTES
SCHWEIZER	2.05	LYCOMING	1	SCHWEIZER	3	26.83	SCHWEIZER	2	4.25	81.1	2	2
269C	2.05	IO-360-D1A		269A1002			269A6034-19					
SCHWEIZER	2.05	LYCOMING	1	SCHWEIZER	3	26.83	SCHWEIZER	2	4.25	79.2	2	3
269C	2.05	IO-360-D1A		269A1002			269A6034-19					
SCHWEIZER	1.75	LYCOMING	1	SCHWEIZER	3	26.83	SCHWEIZER	2	4.25	81.8	2	5
269C-1	1.75	O-360-C1A		269A1002			269A6034-19					
SCHWEIZER	2.26	ALLISON	1	SCHWEIZER	3	27.26	SCHWEIZER	2	4.25	80.6	2	
269D (330SP)	2.26	250-C20W		269A1002-11			269A6034-29					
SCHWEIZER	2.55	ALLISON	1	SCHWEIZER	3	27.51	SCHWEIZER	2	4.25	81.5	2	
269D Configuration A	2.55	250-C20W		269A1002-13			269A6034-29					
SCHWEIZER	2.20	ALLISON	1	SCHWEIZER	3	26.83	SCHWEIZER	2	4.25	79.4	2	
269D/330	2.20	250-220W		269 A 1002			269 A 6034-19					
SCHWEIZER	2.05	LYCOMING	1		3	26.80		2	4.30	78.8	2	1
300C(1)		H10-360-DIA										
SCHWEIZER	2.05	LYCOMING	1		3	26.80		2	4.30	81.1	2	2
300C(2)		H10-360-DIA										
SCHWEIZER	2.05	LYCOMING	1		3	26.80		2	4.30	79.2	2	3
300C(3)		H10-360-DIA										

Appendix 11 Notes

1. Includes Upturned Exhaust.
2. Includes Muffler.
3. Includes Muffler and Resonator.
4. Includes Two Counter-Rotating, Intermeshing Main Rotors.
5. Includes Upturned Exhaust and Diff.
6. Includes “Increased Rotor Speed” Kit No. 4230002.

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 pounds	82
Over 1,764 pounds up to and including 6,000 pounds	$82 + 3.01\left\{\frac{\log \frac{W}{1{,}764}}{\log 2}\right\}$

NOISE CERTIFICATION REQUIREMENTS - HELICOPTERS

14 CFR Part 36 - APPENDIX J (FLYOVER)

APPENDIX 12
ABBREVIATIONS

#	Pounds
AFM	Airplane Flight Manual
ALT	Altitude
AP	Approach
APU	Auxiliary Power Unit
BPR	Bypass Ratio
CBQFC	Cutback Fan Blades and Quiet Fan Case
CdBA	Corrected Noise Level in A-Weighted Decibels
CFR	Code of Federal Regulations
CSD	Constant Speed Drive Oil Cooler
DAC	Dual Annular Combustor
dBA	A-Weighted Decibels
DIA	Diameter
DIAM	Diameter
EPNdB	Effective Perceived Noise Level in Decibels
EXH	Exhaust Configuration
FO	Flyover
FSMS	Fan Speed Modified System
FT	Feet
HWFAP	Hardwall Forward Acoustic Panels
ICAO	International Civil Aviation Organization
IGW	Increased Gross Weight
MdBA	Measured Noise Level in A-Weighted Decibels
MFR	Manufacturer
MLW	Maximum Certificated Landing Weight
MP	Modified Production
MTOW	Maximum Certificated Takeoff Weight
nCBQFC	non-Cutback Fan Blades and Quiet Fan Case
NO	Number
NRI	Noise Reduction Inlet
PC	Performance Correction
RPM	Revolutions per Minute
SAC	Single Annular Combustor
SHP	Shaft Horsepower

APPENDIX 12
ABBREVIATIONS

SL	Sideline
STC	Supplemental Type Certificate
TO	Takeoff