

HTO November 2013 - October 2014 Aircraft Fleet without Published EPNdB Noise Values

Noise Evaluation Levels based on published Lmax or SEL values

Draft for Analysis Purposes

Vector Aircraft Type Code	Aircraft Description	Aircraft Class	Engine Type	# Engines	Evaluation Noise Level (Lmax unless noted as SEL)
DC3	Boeing (Douglas) DC-3	Prop	Piston	2	88.0
G73	Grumman G-73 Mallard	Prop	Piston	2	88.0
DHC2	De Havilland DHC-2 Beaver	Prop	Piston	1	88.0
BE18	Beechcraft Model 18	Prop	Piston	2	88.0
BN2P	Britten-Norman BN-2 Islander	Prop	Piston	2	88.0
B407	Bell 407	Helo	Turbine	1	86.8 (SEL)
A119	Agusta A-119 Koala	Helo	Turbine	1	86.5 (SEL)
DHC6	Viking Air DHC-6-400 Twin Otter	Prop	Turbine	2	85.6
P180	Piaggio P.180 Avanti	Prop	Turbine	2	84.2
C208	Cessna 208 Caravan	Prop	Turbine	1	84.2
TBM8	EADS Socata TBM 850	Prop	Turbine	1	84.2
KODI	Quest Kodiak 100	Prop	Turbine	1	84.2
TAMP	Aerospatale Tampico TB-09	Prop	Piston	1	83.7
BL17	Bellanca 17-30A Super Viking	Prop	Piston	1	83.7
B14A	Bellanca Crusair Sr., Cruismaster 14	Prop	Piston	1	83.7
BL8	Bellanca Decathlon	Prop	Piston	1	83.7
C77R	Cessna - Cardinal RG, 177RG	Prop	Piston	1	83.7
C195	Cessna 195	Prop	Piston	1	83.7
CH7B	CHAMPION Citabria (various models)	Prop	Piston	1	83.7
SR22	Cirrus SR22	Prop	Piston	1	83.7
TRIN	EADS Socata TB 20 Trinidad	Prop	Piston	1	83.7
EXPR	EXPRESS DESIGN Express, Loadmaster	Prop	Piston	1	83.7
HXB	Homebuilt (various types) 100 - 200 knots	Prop	Piston	1	83.7
HXC	Homebuilt (various types) 200+ knots	Prop	Piston	1	83.7
LA4	Lake - LA-4/200, Buccaneer	Prop	Piston	1	83.7
LNC2	Lancair 200/235/320/360	Prop	Piston	1	83.7
LNC4	Lancair 4	Prop	Piston	1	83.7
EVOL	LANCAIR Evolution	Prop	Piston	1	83.7
MIMU	LONG MM-1 Midget Mustang	Prop	Piston	1	83.7
MO20	Mooney (various models)	Prop	Piston	1	83.7
MO20	Mooney (various models)	Prop	Piston	1	83.7
T28	North American T-28 Trojan	Prop	Piston	1	83.7
LNCE	PAI Lancair ES	Prop	Piston	1	83.7
PA46	Piper PA-46 Malibu	Prop	Piston	1	83.7
PTS2	PITTS S-2 Special	Prop	Piston	1	83.7
NAVI	Rockwell - Navion NA 145/154	Prop	Piston	1	83.7
AC11	Rockwell Commander 114	Prop	Piston	1	83.7
RALL	SOCATA MS-880 to 894 (various models)	Prop	Piston	1	83.7
TOBA	SOCATA TB-10/200 Tobago, GT	Prop	Piston	1	83.7
SP7	SPARTAN 7 Executive(UC-71)	Prop	Piston	1	83.7
RELI	STINSON SR, V-77 Reliant (AT-19)	Prop	Piston	1	83.7
GLAS	STODDARD-HAMILTON Glasair	Prop	Piston	1	83.7

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GLST	STODDARD-HAMILTON GlaStar	Prop	Piston	1	83.7
F260	TUSAS SF-260	Prop	Piston	1	83.7
RV4	VANS RV-4	Prop	Piston	1	83.7
RV7	VAN'S RV-7	Prop	Piston	1	83.7
RV8	VANS RV-8	Prop	Piston	1	83.7
WACF	WACO CLASSIC YMF	Prop	Piston	1	83.7
YK52	YAKOVLEV Yak-52	Prop	Piston	1	83.7
EXP	Homebuilt (various types) 100 - 200 knots	Prop	Piston	1	83.7
SR20	CIRRUS SR-20	Prop	Piston	1	82.5
R44	Robinson R44	Helo	Piston	1	81.9 (SEL)
BE50	Beechcraft Model 50 Twin Bonanza	Prop	Piston	2	81.2
BE95	Beechcraft Model 95 Travel Air	Prop	Piston	2	81.2
JS31	BAe Jetstream 31	Prop	Turbine	2	81.0
AEST	Ted Smith Aerostar 601P	Prop	Piston	2	80.7
HUSK	A-1 Husky	Prop	Piston	1	80.1
C206	Cessna 206 Stationair	Prop	Piston	1	79.8
C06T	Ceesna 206 (turbine)	Prop	Piston	1	79.8
C340	Cessna 340	Prop	Piston	2	79.7
COL3	LANCAIR LC-40, Columbia 300	Prop	Piston	1	79.7
GA7	American General (Grumman) GA-7 Cougar	Prop	Piston	2	79.6
C337	Cessna 337 Super Skymaster	Prop	Piston	2	79.6
C210	Cessna 210 Turbo Centurion II	Prop	Piston	1	79.6
AA5	Grumman Cheetah AA-5/A/B	Prop	Piston	1	79.6
PC12	Pilatus PC-12	Prop	Turbine	1	79.4
P210	Cessna 210 Centurion II	Prop	Piston	1	79.4
PA32	Piper PA-32-301 Saratoga	Prop	Piston	1	79.3
PA44	Piper PA-44-180 Seminole	Prop	Piston	2	79.2
BE36	Beechcraft Model 36 Bonanza	Prop	Piston	1	79.2
BE35	Beechcraft Model 35 Bonanza	Prop	Piston	1	79.2
BE10	Beechcraft King Air 100	Prop	Turbine	2	79.2
BE20	Beechcraft King Air 200	Prop	Turbine	2	79.2
BE58	Beechcraft Model 58 Baron	Prop	Piston	2	79.1
C310	Cessna 310	Prop	Piston	2	79.1
MD60	MD 600N	Helo	Turbine	1	79.1 (SEL)
EVOT	LANCAIR EVOLUTION	Prop	Piston	1	79.0
C441	Cessna 441 Conquest II	Prop	Turbine	2	79.0
SW3	Fairchild (Swearingen) Merlin III	Prop	Turbine	2	79.0
PAY2	Piper PA-31T Cheyenne	Prop	Turbine	2	79.0
C402	Cessna 401	Prop	Piston	2	78.8
C401	Cessna 401	Prop	Piston	2	78.8
COL4	LANCAIR LC-41 Columbia 400	Prop	Piston	1	78.8
DA40	Diamond DA-40 Katana, Diamond Star	Prop	Piston	1	78.7

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EC20	Eurocopter EC-120 Colibri	Helo	Turbine	1	78.7 (SEL)
PAY4	Piper PA-42 Cheyenne III	Prop	Turbine	2	78.5
P32R	Piper PA-32R-300 Lance	Prop	Piston	1	78.4
C205	Cessna 205	Prop	Piston	1	78.3
C320	Cessna 320 SkyKnight	Prop	Piston	2	78.2
PAYE	Piper Cheyenne II	Prop	Turbine	2	78.2
PAY1	Piper PA-31T Cheyenne	Prop	Turbine	2	78.2
C180	Cessna Skywagon 180	Prop	Piston	1	78.1
BE55	Beechcraft Model 55 Baron	Prop	Piston	2	78.0
BE60	Beechcraft Model 60 Duke	Prop	Piston	2	78.0
AC95	Gulfstream 695 Jetprop Commander 1000	Prop	Turbine	2	77.9
AC90	Gulfstream 695 Jetprop Commander 1000	Prop	Turbine	2	77.9
C188	Cessna 185 Skywagon	Prop	Piston	1	77.7
P28T	Piper Cherokee Arrow IV	Prop	Piston	1	77.5
B190	Beechcraft 1900	Prop	Turbine	2	77.4
DA42	DA-42 Twinstar	Prop	Piston	2	77.3
PA30	Piper PA-30-160 Twin Comanche	Prop	Piston	2	77.1
PA31	Piper PA-31-310 Navajo	Prop	Piston	2	77.1
C421	Cessna 421 Golden Eagle	Prop	Piston	2	76.7
C414	Cessna 414 Chancellor	Prop	Piston	2	76.6
M20P	Mooney M20 Encore (non-turbocharged)	Prop	Piston	1	76.6
M20T	Mooney M20 Encore (turbocharged engine)	Prop	Piston	1	76.6
PA34	Piper PA-34-200 Seneca	Prop	Piston	2	76.4
PARO	Piper Aircraft unknown	Prop	Piston	1	76.4
PA23	Piper PA-23-235 Apache	Prop	Piston	2	76.2
PA24	Piper PA-24-260 Comanche B	Prop	Piston	1	76.2
P28A	Piper PA-28-161 Cadet	Prop	Piston	1	76.2
PA20	Piper Pacer	Prop	Piston	1	76.2
PA22	Piper Tri-Pacer, Colt	Prop	Piston	1	76.2
C82R	Cessna 182	Prop	Piston	1	75.6
C72R	Cessna Skyhawk 172/Cutlass/Mesca.	Prop	Piston	1	75.6
PA27	Piper PA-23-250 Aztec	Prop	Piston	2	75.5
P28B	Embraer 720 Minuano	Prop	Piston	1	75.5
P28R	Piper PA-28-200 Arrow III	Prop	Piston	1	75.5
PA28	Piper Cherokee, Archer, Dakota/Warrior	Prop	Piston	1	75.5
TBM7	EADS Socata TBM 700	Prop	Turbine	1	75.4
BE9T	Beechcraft King Air A90 to E90 (T-44, VC-6)	Prop	Turbine	2	75.0
ACR2	ACRO SPORT II	Prop	Piston	1	73.8
BE24	Beech Sierra 24	Prop	Piston	1	73.8
BE19	Beech Sport 19	Prop	Piston	1	73.8
BE23	Beech Sundowner 23, Musketeer 23	Prop	Piston	1	73.8
CH7A	Bellanca - 7A	Prop	Piston	1	73.8

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O1	Cessna Bird Dog 305/321	Prop	Piston	1	73.8
ALGR	FANTASY AIR Allegro	Prop	Piston	1	73.8
FDCT	FLIGHT DESIGN CT	Prop	Piston	1	73.8
AA1	Grumman Yankee AA-1B/C	Prop	Piston	1	73.8
XL2	LIBERTY XL-2	Prop	Piston	1	73.8
M5	MAULE M-5 (various models)	Prop	Piston	1	73.8
RANG	Navion	Prop	Piston	1	73.8
J4	PIPER J-4 Cub Coupe	Prop	Piston	1	73.8
J5	PIPER J5A	Prop	Piston	1	73.8
CRER	RANS S?7 Courier	Prop	Piston	1	73.8
AS20	SCHLEICHER ASW-20TOP	Prop	Piston	1	73.8
L8	TEMCO Silvaire	Prop	Piston	1	73.8
TL20	TL ULTRALIGHT TL-2000 StingSport	Prop	Piston	1	73.8
TVL4	Travel Air 4000	Prop	Piston	1	73.8
J3	WAGAERO Cuby (various models)	Prop	Piston	1	73.8
C170	Cessna 170	Prop	Piston	1	73.8
C177	Cessna Cardinal 177	Prop	Piston	1	73.8
C172	Cessna Skyhawk 172/Cutlass/Mesca.	Prop	Piston	1	73.8
C175	Cessna Skylark 175	Prop	Piston	1	73.8
P46T	Piper PA-46-500TP Malibu Meridian	Prop	Turbine	1	73.7
C425	Cessna 425 Conquest I	Prop	Turbine	2	72.9
M7	Maule - M-7 (various models)	Prop	Piston	1	72.3
BE33	Beechcraft Model 33 Debonair/Bonanza	Prop	Piston	1	72.1
BE30	Beechcraft King Air 300	Prop	Turbine	2	72.1
B350	Beechcraft King Air 350	Prop	Turbine	2	72.1
CH20	Zenair - CH-200 Z,nith	Prop	Piston	1	71.7
BE9L	Beechcraft King Air A90 to E90 (T-44, VC-6)	Prop	Turbine	2	70.4
C182	Cessna 182	Prop	Piston	1	69.1
C185	Cessna 185 Skywagon	Prop	Piston	1	69.1
TAYD	TAYLORCRAFT (various models)	Prop	Piston	1	67.6
TAYB	TAYLORCRAFT (various models)	Prop	Piston	1	67.6
BE77	Beech Skipper 77	Prop	Piston	1	66.9
PA18	Piper Super Cub	Prop	Piston	1	65.9
C140	Cessna 140	Prop	Piston	1	64.8
C162	CESSNA LSA Sport	Prop	Piston	1	64.8
C150	Cessna 150	Prop	Piston	1	64.8
C152	Cessna 152	Prop	Piston	1	64.8