FORT LAUDERDALE-HOLLYWOOD INTERNATIONAL AIRPORT
BROWARD COUNTY, FLORIDA

Loud Events Report
Notes and Definitions

The Loud Events Report lists all aircraft noise events with a Maximum A-Weighted Sound Pressure Level (Lmax) greater than a threshold level. The threshold noise level differs from monitor to monitor; in general, closer-in monitors have higher thresholds and more distant monitors have lower thresholds. Separate monthly reports are provided for each monitor. The threshold level is identified at the top of each report...

Report Column Definitions:

Date	Date of noise event
Time	Time aircraft is at its point of closest approach to the noise monitor
Max Level	Maximum A-weighted sound pressure level: Lmax is the loudest "instantaneous" noise level measured at the noise monitor during the aircraft fly-by.
SEL	Sound exposure level: SEL is the total noise energy measured by the monitor during the aircraft fly-by, presented in terms of the steady-state, one-second-long noise level that would contain as much noise energy as the actual time-varying noise during the full fly-by. Because the noise energy is compressed into one second, the SEL is always higher than the Lmax; the two values should not be compared. SEL is useful as a complement to Lmax, because it provides information on the overall noise exposure.
Altitude	Aircraft altitude at its point of closest approach to the noise monitor
A/D/O	Arrival, departure, or overflight (not arriving or departing FLL)
Runway	FLL runway for arrivals or departures
A/C Type	Aircraft type code
Flight ID	Flight identification; for flights operated by an airline or operator with an FAA-designated operator code, the first three letters of the flight number identify the operator and the remaining digits are the flight number. Flight numbers that start with an "N" immediately followed by numbers are the registration or "tail number."
Wind Speed	Wind speed at the time the aircraft is at its point of closest approach to the noise monitor.
Wind Direction	Wind direction at the time the aircraft is at its point of closest approach to the noise monitor.

Airline Code Definitions:

AAL - American Airlines
AAY – Allegiant Airlines
ABX – Airborne Express
ACA – Air Canada
AJI – Ameristar Charter
AJM – Air Jamaica Airlines
AJT – Amerijet Int'l
AMX – Aero Mexico
ASQ - Charter
AVA - Avianca Airlines
AWE –America West
BCY – Flying Boat Inc
BHS – Bahamas Air
BJT - Charter
BSK – Air Transport Int'l Limited
CCI – Capital Cargo International Airlines
CCP - Champion Air
CCT- Catran
CHQ - Chautauqua Airlines
CKL - Charter
COA - Continental Airlines
COM - Comair
DAL - Delta Air Lines
DHL - DHL/Astra Air Cargo
EGF – American Eagle
EJA - Net Jets
EMJ - Charter
FDX - Federal Express
FFT - Frontier Airlines
FRL - Freedom Airlines
FNT – Flight Int'l Airlines
GFT - Gulfstream International Airways
GWY –USA 3000 Airlines
JBU - Jet Blue Airways
KFS - Flying Services
LPE - Lan Peru
LN3/4 Life Guard Charter
LXF - Lynx Air International
LXJ – Bombardier Aerospace
MEP - Midwest Express Airlines
MTN – Mountain Air cargo
MUA - Cargo
NKS - Spirit Airlines
NWA -Northwest Airlines
OPT - Flight Options
PCE – Pace Airlines
PRG - Unknown
RAP – US Airways (subsidiary)
RSI - Air Sunshine
SKB – Skybus Airways
SWA - Southwest Airlines
TNY - Charter
TSC - Air Transat
TRS - Air Tran Airways
UAL - United Airlines
USA - US Airways
WJA – West Jet

Aircraft Type Code Definitions:

The following table lists aircraft type codes that appear commonly in Loud Events Reports. The table identifies the full aircraft type, the general aircraft type category; e.g., the most common type of operator, the type of propulsion, their Part 36 "Stage," and (for airline jets) if they are Stage 3 through "hushkitting."

Code	Aircraft type	General Type Category (and Part 36 Stage)
24E	Lear 24	Corporate jet (Stage 2)
25D	Lear 25D	Corporate jet (Stage 2)
310Q	Cessna 310Q	General-aviation piston-powered propeller
A319	Airbus A319	Narrow-body airline jet (Stage3)
A320	Airbus A320	Narrow-body airline jet (Stage3)
A321	Airbus A321	Narrow-body airline jet (Stage3)
B190	Beechcraft 1900	Commuter or general-aviation turboprop
B200	Beechcraft King Air B200	Commuter or general-aviation turboprop
B72Q	Boeing 727	Narrow-body airline jet (huskitted Stage3)
B722	Boeing 727	Narrow-body airline jet (huskitted Stage3)
B73Q	Boeing 737	Narrow-body airline jet (huskitted Stage3)
B732	Boeing 737-200	Narrow-body airline jet (huskitted Stage3)
B733	Boeing 737-300	Narrow-body airline jet (Stage3)
B734	Boeing 737-400	Narrow-body airline jet (Stage3)
B737	Boeing 737	Narrow-body airline jet (Stage3)
B738	Boeing 737-800	Narrow-body airline jet (Stage3)
B752	Boeing 757-200	Narrow-body airline jet (Stage3)
B753	Boeing 757-300	Narrow-body airline jet (Stage3)
B763	Boeing 767-300	Wide-body airline jet (Stage3)
DC8Q	McDonnell Douglas DC-8	Narrow-body airline jet (huskitted Stage3)
DC9Q	McDonnell Douglas DC-	Narrow-body airline jet (huskitted Stage3)
DC93	McDonnell Douglas DC-9-30	Narrow-body airline jet (huskitted Stage3)
DC10	McDonnell Douglas DC-10	Narrow-body airline jet (Stage3)
E135	Embraer RJ135	Commuter Jet (Stage3)
E145	Embraer RJ145	Commuter Jet (Stage3)
GLF2	Gulfstream G-II	Corporate Jet (Stage 2)
GLF3	Gulfstream G-III	Corporate Jet (Stage 2 or 3)
H25B	Hawker-Sidely 25B	Corporate jet (Stage 2)
LJ60	Lear 60	Corporate Jet (Stage 3)
MD10	McDonnell Douglas DC-10	Wide-body airline jet (Stage3)
MD11	McDonnell Douglas MD-11	Wide-body airline jet (Stage3)
MD82	McDonnell Douglas MD-82	Narrow-body airline jet (Stage3)
MD83	McDonnell Douglas MD-83	Narrow-body airline jet (Stage3)
MD88	McDonnell Douglas MD-88	Narrow-body airline jet (Stage3)