

# General Aviation Noise Abatement Guide



## Exemptions

The following categories of aircraft are exempt from the Noise Ordinance:

- Aircraft operated by the Federal Government, State of Connecticut or any county or city in Connecticut.
- Aircraft used for emergency purposes during an officially proclaimed emergency.
- Civil Air Patrol aircraft engaged in a search and rescue mission.
- Aircraft which require a landing or take-off for the preservation of life or property.

## Run-Ups, Ground Power Units, Auxiliary Power Units

- Engine Run-Ups shall be conducted only in designated locations. Contact Airport Operations for more information.
- Engine Run-Ups, the use of GPUs and the use of APUs are prohibited between the hours of 10:00pm-7:00am, except those essential to the operation of a scheduled air carrier flight.

## Excerpts from the Noise Ordinance

### Noise Limits

No person shall takeoff or land an aircraft at the Airport if the takeoff noise level for that model of aircraft exceeds the following noise levels, as set forth in the Advisory Circular identified below, for following periods:

Time Period	Maximum A-Weighted Sound Level
12:00am – 6:00am	68.0 dB(a)
6:00am – 7:00am	73.0 dB(a)
7:00am – 10:00pm	78.0 dB(a)
10:00pm – 12:00am	73.0 dB(a)

Sound levels for each aircraft are determined by FAA Advisory Circular No. 36-3H, Appendix 1, dated April 25, 2002, as it may be amended from time to time. Maximum A-Weighted Sound Level means the highest sound level of an event, as measured on a sound level meter using the A-weighting network.

## Approved Gulfstream Aircraft Quiet Flying Procedures

On January 29, 1991 Tweed New Haven Airport accepted Gulfstream Corporations quiet flying procedures for their GII and GIII aircraft, In order to operate out of HVN using the Quiet Flying Procedures, the flight crew must complete the Noise Mitigation Agreement Form and comply with the procedures. This form may be obtained at flytweed.com or by calling Airport Operations at 203-466-8844.

The procedures are detailed below:

1. The GII/IIISP aircraft must not have a MGTOW of more than 42,000 pounds.
2. The GIII aircraft must not have a MGTOW of more than 47,000 pounds.
3. Below 3,000 feet AGL, the aircraft must operate using all quiet flying techniques, which include reduced power take-off procedures and minimum power settings.
4. The agreement only allows operations between the hours of 7:00am – 10:00pm.

Tweed New Haven Airport (HVN) is located in the City of New Haven and the town of East Haven. Residential homes border the perimeter of the Airport and several schools are in close proximity. Tweed-New Haven Airport is committed to minimizing aircraft noise in it neighborhood.

The Airport Noise Ordinance was approved in 1984 by the City of New Haven. A copy of the Ordinance is available on our website at [www.flytweed.com](http://www.flytweed.com). The Noise Ordinance was grandfathered in when the Federal Aviation Noise and Capacity Act was passed in 1990 and remains in full force and effect.

## Penalties

The following shall be the penalties for violation of the Noise Ordinance:

### First Violation

Written Warning by certified mail to aircraft owner or lessee, as defined below.

### Second Violation

Fine of the Maximum Dollar Amount permitted by City Charter imposed on aircraft owner or lessee, as defined below.

### Third Violation

Impoundment of aircraft by the Airport Manager for seven (7) calendar days and Fine of the Maximum Dollar Amount permitted by City Charter imposed on aircraft owner or lessee.\*

*\*The Tweed-New Haven Airport Authority will impose fines of \$250 per violation in accordance with Connecticut State Statute. Each violation is subject to a separate penalty.*

## Weight Restriction

No fixed winged aircraft with a maximum certificated gross takeoff weight greater than 160,000 pounds shall land at the airport other than a landing necessitated by an in-flight emergency.

## Definition of Aircraft Owner or Lessee

The pilot of an aircraft is considered the beneficial owner or lessee and any violation shall be charged to the pilot.



### For More Information:

Airport Operations 203-466-8844  
Email [hvnops@flytweed.com](mailto:hvnops@flytweed.com)  
Website [flytweed.com](http://flytweed.com)  
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