

Centennial Airport Flight School Fly Quiet Dashboard

Overview

This document provides an overview of the metrics evaluated in the Centennial Airport Flight School Fly Quiet Dashboard. Metrics that are most directly within an operator's control are weighted more heavily in the scoring process. Each flight school may earn up to 100 points with an additional 10 bonus points. Scores will be updated and published on a quarterly basis.

Operational Category (70 Points)

Reduce Extended Downwind in South Flow (15 Points)

This metric evaluates how frequently operators fly within the Study Area located north of the airport. The Study Area is bounded by Peakview Avenue to the south, Peoria Street to the east, Bellevue Avenue to the north, and DTC Boulevard to the west. The system takes into account whether or not the extension was caused by Air Traffic Control Instruction. Scores are based on both the frequency of operations within the area, and the amount of time aircraft remain there. Increased activity and longer durations within the Study Area result in lower scores.

Reduce Overflights of Noise Sensitive Areas (10 Points)

This metric evaluates how frequently operators fly within the Noise Sensitive Areas identified in the Centennial Airport Voluntary Noise Abatement Guidelines. Scores are determined based on both the number of operations conducted within these areas and the amount of time aircraft remain there. Increased activity and longer durations within Noise Sensitive Areas result in lower scores.

Reduce Flights During Voluntary Curfew (20 Points)

This metric evaluates how frequently aircraft operators conduct operations during the voluntary curfew hours of 10:00 p.m. to 7:00 a.m. Increased activity during these hours results in lower scores.

Increased Use of Preferential Runway at Night (5 Points)

This metric evaluates the percentage of nighttime touch-and-go operations conducted on Runway 17L/35R between 10:00 p.m. and 7:00 a.m. Use of Runway 17L/35R helps keep pattern traffic over commercial and industrial areas, not residential, and is influenced by Air Traffic Control operations. A higher proportion of

eligible nighttime touch-and-go operations conducted on Runway 17L/35R results in a higher score in this category.

Limit the Number of Touch and Goes Per Flight (20 Points)

This metric evaluates how consistently aircraft operators limit touch-and-go operations to no more than 10 per flight. A higher percentage of flights that adhere to this limit results in a higher score in this category.

Training & Outreach Category (30 Points)

Integrate Noise Abatement Info into Instructor Training (20 Points)

This metric evaluates how well operators integrate noise abatement information into instructor training. There are 4 components, each worth 5 points:

- Noise Abatement information included in Flight Instructor Standards Operations Procedures/Policies. (5 Points)
- Noise Abatement Information included in student pilot syllabi and/or noise abatement information provided to renter/member pilots, if applicable. (5 Points)
- Conduct additional noise abatement training at regular pilot/CFI meetings. (5 Points)
- Display noise abatement training material in training facilities in a conspicuous place. (Ex. Training Posters) (5 Points)

Attend Monthly CACNR Meetings (10 Points)

This metric evaluates participation in the Centennial Airport Community Noise Roundtable (CACNR) meetings, which are held 10 times each year. Operators may earn 1 point for each meeting attended when at least one representative from the organization is present.

Quarterly Noise Abatement Meetings (-5 Points per Missed Meeting)

Beginning January 1, 2025, under the Centennial Airport Minimum Standards each operator must have at least one representative in attendance at all quarterly Flight School Safety & Noise Abatement Meetings. Because participation is mandatory, a deduction of five (5) points will be applied to the operator's overall Fly Quiet Score for each meeting missed.

Bonus Category (Up to 10 Points)

Obtain UL94 Supplemental Type Certificates (3 Points)

This metric evaluates operators based on the percentage of their fleet equipped with Supplemental Type Certificates (STCs), specifically those enabling the use of UL94 unleaded aviation gasoline. Higher adoption of STC-modified aircraft within the fleet results in a higher score.

Install Climb Propellers (3 Points)

This metric evaluates operators based on the percentage of their fleet equipped with climb pitched or constant speed propellers, specifically propellers that provide a maximum climb rate. Higher adoption of the propellers on aircraft within the fleet results in a higher score.

Use of Flight Sims for Training (3 Points)

This metric evaluates the extent to which flight simulators are used in training programs. Flight schools may earn up to 3 points based on effective integration of simulator training. Scoring is determined by two primary factors: the total number of simulator hours reported and the size of the school's aircraft fleet. One base point is awarded for either owning a flight simulator or having full-time access to one. The remaining two points are awarded based on the total number of simulator hours conducted per quarter.

Participation in Airport Charitable Events (3 Points)

Operators can receive 1 point for attending/exhibiting/volunteering at any of the below events. Operators can receive 3 points maximum in this category. Events that occur multiple times per year can get operators a point each time they attend/participate.

- Centennial Airport FOD Walk
- Centennial Airport Runway 5k
- Centennial Airport Community Blood Drives
- Morgan Adams Concours de Elegance
- Challenge Air for Kids Fly Day
- Aero Angel Light Up the Sky Event
- Wings Over the Rockies Exploration of Flight Showcases
- EAA Chapter 301 Young Eagles