



## Lake Hood Seaplane Base Ted Stevens Anchorage International Airport

P.O. Box 196960  
Anchorage, AK 99519-6960  
Office: 907.266.2410  
Manager: 907.266.2741  
Fax: 907.243.2788  
Email: DOT.AIA.LHD.Office@alaska.gov  
Website: anchorageairport.com

### Fly Friendly at Lake Hood!

As a pilot operating at and around Lake Hood you are most likely aware of the noise impacts the largest and most active seaplane base in the world has on our surrounding community! We're asking you to help ensure that we are doing everything possible to minimize noise impacts on our airport neighbors. Please consider the impact of your flight on the surrounding neighborhoods and follow these noise reduction tips whenever safe and practical.

**By Flying Friendly at Lake Hood you can minimize noise impacts on the surrounding community, and can minimize wear and tear on your aircraft by following these recommended procedures!**

**When operating in and out of Lake Hood, please keep the following in mind:**

**Keep the propeller as slow as possible.** The principal noise source is the propeller. Without compromising safety, reducing RPMs soon after takeoff can significantly reduce noise. Flying with the lowest practical RPM is one of the most effective things a pilot can do.

- **Fly as high as possible as soon as possible.** Use the best angle of climb speed or the best rate of climb when operating around the Anchorage area. Doubling your altitude from 600' to 1200' can decrease the noise levels in half. *Increasing altitude is the most effective noise reduction tool for fixed pitch aircraft*
- **Maintain a high traffic pattern altitude until turning onto the approach base leg.** Clean, stable, low power, and low drag approaches are significantly quieter. *This type of approach is noise friendly to our neighbors and easier on aircraft engines.*
- **Make power reductions or accelerations that attract attention as gradually as possible.** Aircraft engine changes in pitch or volume of sound attract attention. If possible, do not adjust the propeller control for flat pitch on the downwind leg; instead, wait until short final. *This practice provides a quieter approach and extends engine life by reducing stress on the engine and propeller assembly.*
- **Avoid low-level, high-power approaches.** *These types of approaches have high noise impacts and can limit options in the event of engine failure.*
- **Your route of travel is important.** Avoid neighborhoods whenever possible by flying over industrial areas or busy highways. Please remember that neighbors may be sleeping in populated areas.
- **If possible, plan your trips during the day or early evening.** Avoid departures during hours when people tend to be sleeping. Flying between 10pm and 7am should be avoided whenever possible. Aircraft noise is perceived as louder at night because the rest of the community is quieter.

Your airport neighbors thank you for your consideration!  
Enjoy your flight!

*"To Keep Alaska Flying and Thriving."*

# Do Your **PART!**

## **P**OWER

**Keep prop noise down.** Props are a major noise source. Reducing prop speed is one of the simplest and most effective noise-reduction measures.

**Please adjust power/rpm/pitch for quieter flight whenever safely possible.**

**Make power changes smoothly to reduce attention-getting sound.** Engine/prop changes attract attention. **Smooth power control is quieter.**

## **A**LTIUDE

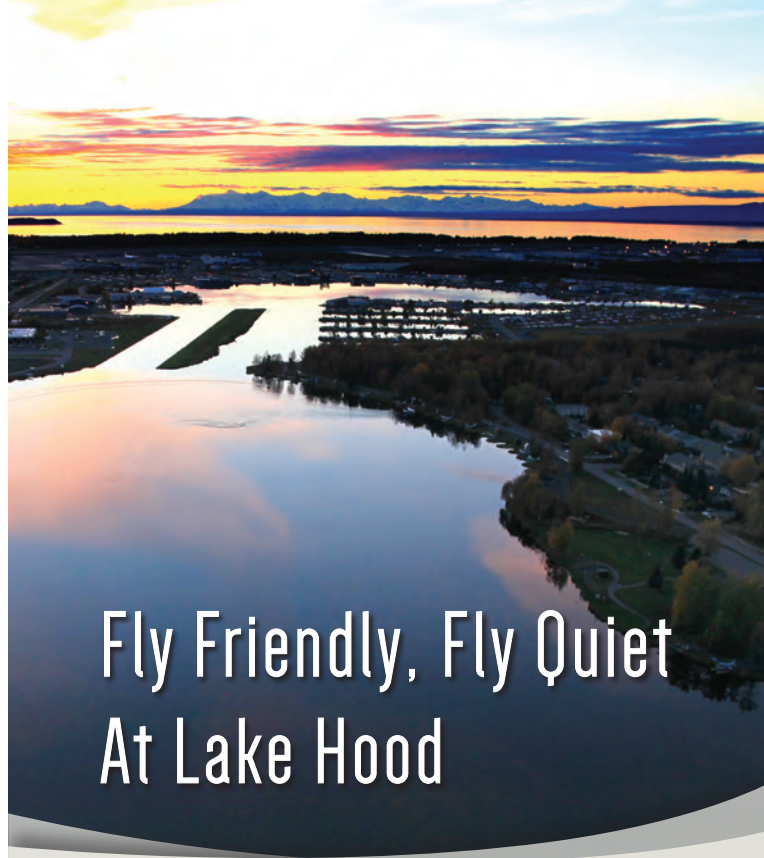
**Get & preserve altitude.** Use the best climb angle/rate on departure. Preserve altitude on arrival until safely maneuvering for landing. **Altitude cuts noise reaching neighbors while preserving flight options.**

## **R**OUTE

**Minimize overflying dwellings.** Your route of travel is important. Select departure & arrival routes that minimize overflying dwellings. Please avoid multiple traffic patterns. **Departures to the west, north, or south are preferred to reduce noise footprint. Please minimize easterly departures and pattern work.**

## **T**IME

**Minimize flight between 10 pm & 7 am.** Neighbors might be sleeping, and noise is perceived as louder when the community is quieter. **Late night or early morning aircraft noise draws negative attention.**



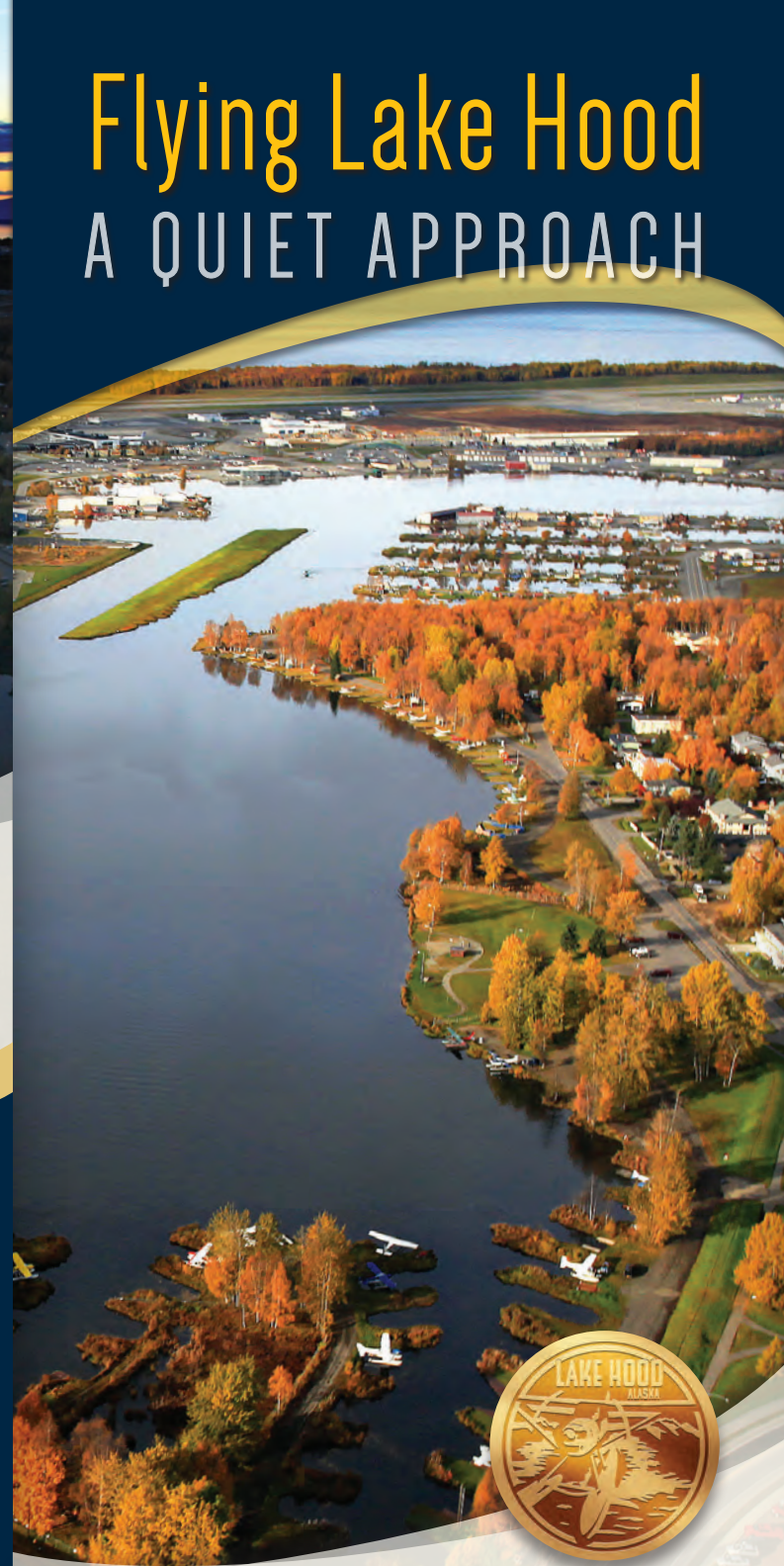
## Fly Friendly, Fly Quiet At Lake Hood

Your airport neighbors thank you  
for your consideration!



## Contact Information

Lake Hood Seaplane Base  
907.266.2410  
DOT.AIA.LHD.Office@alaska.gov  
www.anchorageairport.com



# Flying Lake Hood A QUIET APPROACH



Lake Hood Seaplane Base

# Fly Friendly, Fly Quiet

Noise from the largest and most active seaplane base in the world affects our community.

Following these simple, effective, voluntary noise-reduction measures, whenever safe and practical, helps us all be good neighbors.



**Preferred Departure Routings  
Avoid Residential Neighborhoods.**

**Please avoid/minimize easterly  
departures overflying residential  
neighborhoods.**

**NOTE: For illustration only.  
Depictions are NOT to scale and are  
NOT intended to show actual routing.**

These voluntary noise abatement measures neither preempt nor diminish pilot responsibilities for safe aircraft operation and compliance with applicable authorities & guidance, such as FARs, FAA, flight manual, operational requirements, etc., or in exercising sound judgment addressing flight factors, such as emergencies, hazards, weather, traffic, etc.

August 2016

