



# AVIATION NOISE MANAGEMENT

PORT OF PORTLAND

# 2019 YEAR IN REVIEW

|   | PDX     | HIO     | TTD    | Not Airport-Specific | Total   |
|---|---------|---------|--------|----------------------|---------|
| Annual Flight Operations                              | 238,384 | 153,890 | 97,467 |                      | 489,741 |
| Total Contacts  | 1,351   | 116     | 10     | 83                   | 1,560   |
| Total Individuals                                     | 152     | 39      | 9      | 56                   | 256     |
| Percentage Of Annual Submissions By Top 5 Individuals | 79.2%   | 66.4%   | 60.0%  | 32.5%                |         |
| Community Engagement Events                           | 16      | 3       |        |                      | 19      |
| Industry Engagement Events                            | 4       | 3       |        |                      | 7       |

Source of operations data – Port of Portland Research Department

\*Note: "Not Airport-Specific" counts overflights, operations at non-Port of Portland facilities and submissions that could not be attributed to a specific airport.

## CITIZEN NOISE ADVISORY COMMITTEE

The Citizen Noise Advisory Committee (CNAC) is made up of 15 members, with 11 appointed by City or County jurisdictions in northwest Oregon and southwest Washington and four appointed by the Port of Portland. The committee meets six times a year to discuss aircraft noise and community compatibility. The Port is grateful to our CNAC partners, both committee members and appointing jurisdictions, for their continued work on behalf of their communities.

## OVERHEAD CONTINUOUS DESCENT APPROACH

Following in-depth analysis and public commentary at both CNAC and PDX Community Advisory Committee meetings, Oregon Air National Guard (ORANG) made an operational decision to utilize Overhead Continuous Descent Approach (OHCD) procedures to both PDX parallel runways in both directions when conditions permit. The hours of operation, days of the week, and the number of aircraft in each formation did not change, and the procedure is only authorized for ORANG pilots. Of the 99 reports we received of excessive noise from military aircraft in 2019, approximately 13 of them were attributed to OHCD's. The Federal Aviation Administration holds the authority to approve or disapprove use of this procedure.

## SUPPORTING OUR KIDS AND OUR COMMUNITIES

We continued our partnership with the Portland-based 142nd Fighter Wing of the Oregon Air National Guard by providing support for the local STARBASE program (<http://dodstarbase.org>). STARBASE provides science, technology, engineering, and math (STEM) educational opportunities to students in communities surrounding PDX. We are proud to have supported this program since 2014.

### Noise Management Mission

Minimize, to the extent possible, the noise impacts from aircraft utilizing airports operated by the Port of Portland. Encourage cooperation and collaboration with internal and external partners.

### Phil Stenstrom

Port of Portland Noise Manager  
[philip.stenstrom@portofportland.com](mailto:philip.stenstrom@portofportland.com)  
 503.415.6063

For general information or to report a noise event dial: 503.460.4100 or contact us via email: [pdxnoise@portofportland.com](mailto:pdxnoise@portofportland.com).



# AVIATION NOISE MANAGEMENT

 PORT OF PORTLAND

## EVENTS AT HILLSBORO AIRPORT (HIO)

The main runway at HIO, 13R/31L, an aviation asset vital to economic development in the region, underwent a complete end-to-end rebuild in 2019 for the first time since the runway opened in the 1940s. The construction displaced aircraft to alternate airports, runways and flight patterns for five months. The noise management team worked with FAA HIO Air Traffic Control Tower staff on a traffic management plan to minimize the negative affects of the closure.

The HIO Master Plan Update was approved by the Port Commission in March 2019, enabling the formation of the Hillsboro Airport Community Advisors (HACA) committee for ongoing community engagement. Noise staff will provide related support to the committee when needed. HACA meetings include an hour of time set aside before the full meeting where the community can come speak to Port staff. The Noise team attends these events to engage and answer questions from community members about noise issues.

## COMMUNITY ENGAGEMENT AND OUTREACH

The Port's noise management team attended 26 events across several cities. In Hillsboro, Noise team members attended Celebrate Hillsboro, the Hillsboro Air Fair and the Hillsboro Airport Community Advisors committee meetings. These events give us the opportunity to casually engage attendees on general noise and operations-related topics, as well as share future plans for the facility that are in the Master Plan Update.

Noise team representatives attended PDX-focused community events in Gresham, Portland, Vancouver and Wood Village. Many attendees had questions about current aircraft navigational procedures and the gradual increase of Performance Based Navigation under the FAA's NextGen Program.

## INDUSTRY ENGAGEMENT AND LEADERSHIP

Noise team members continued to meet with Air Traffic Controllers to provide an orientation on the importance of noise abatement procedures. The team also attended Portland Community College's Aviation classes as a guest speaker to educate student pilots training at TTD and HIO on the importance of and techniques for flying in a community-friendly manner.