

Why am I Hearing Noise?

The noise you hear near Luke Air Force Base comes from the training activities of fighter pilots. Luke AFB is a major center for training pilots to fly F-16 and F-35 jets, which are essential for defending our country. During training, these jets take off and land frequently, leading to increased aircraft activity and the noise you hear in the surrounding area. This training is crucial for ensuring our pilots are prepared for combat missions and contribute to our national defense efforts.

What is Luke AFB?

Luke Air Force Base is a United States Air Force installation located in Glendale, Arizona, just 15 miles west of Phoenix. It's one of the largest training centers for fighter pilots, specializing in F-16 and F-35 aircraft and is the largest Fighter Wing in the World. Established in 1941, Luke AFB is named in honor of Lieutenant Frank Luke Jr., a highly decorated World War I pilot. The base plays a vital role in preparing pilots for combat missions and contributes significantly to national defense efforts.

What is the Mission at Luke AFB?

Our mission at Luke AFB is to train the world's greatest fighter pilots and combat-ready Airmen. This can be seen in three ways:

1. **Training Excellence:** Luke AFB trains over 243 pilots annually. With over 20 F-16s and more than 125 F-35s, pilots receive comprehensive training on the most advanced fighter jets available. Pilots from various allied and partner nations train alongside U.S. Air Force personnel.
2. **Global Impact:** Trained pilots serve worldwide, upholding air superiority and supporting national defense efforts. Luke AFB's contributions to global security cannot be overstated.
3. **Operational Support:** The base supports global contingency operations, maintaining mission readiness and ensuring rapid response capabilities when needed.

Why Luke Matters:

- **National Security:** Luke AFB plays a crucial role in safeguarding the nation by producing top-tier pilots equipped to handle diverse missions and combat scenarios.
- **Global Stability:** Trained pilots contribute to global stability by promoting air superiority and participating in international defense initiatives.
- **Operational Readiness:** Luke AFB's training programs ensure that the Air Force remains operationally ready, capable of responding swiftly to emerging threats and challenges.

What does Luke AFB Do About the Noise?

1. **Flight Operations and Noise Management:**
 - Luke AFB employs advanced noise management programs to address community concerns.
 - Flight planning tools are utilized to minimize noise impact during training sorties.
 - Flight schedules are optimized to distribute training activities and mitigate noise concentration in residential areas.

2. **Military Operations Areas (MOAs) and Noise Reduction Strategies:**
 - Dedicated MOAs such as the Barry M. Goldwater Range East are utilized for training to concentrate noise away from populated regions.
 - Precision flight planning software is employed to optimize routes and minimize noise propagation.
3. **Community Engagement and Noise Awareness Initiatives:**
 - Luke AFB conducts outreach with community members to raise awareness about the base's mission and address noise concerns.
 - Online feedback platforms are available for residents to report noise disturbances.
4. **Legislation, Regulatory Compliance, & Feedback:**
 - Luke AFB adheres to strict noise regulations and compliance standards set by federal and local authorities.
 - Additional noise management practices such as comprehensive safety protocols are in place to ensure the safe conduct of flight operations while minimizing noise disruptions.
 - Luke AFB actively engages with local communities, community leaders, and stakeholders to address noise concerns collaboratively.

How do I Provide Feedback About the Noise?

To provide feedback on the noise you may file an official noise complaint through the link below. We value your feedback and continued community support.

[Online Noise Complaint Form](#)

How Do I Learn More?

You can learn more about what we do at Luke AFB and how we manage noise through reading this article [here](#).