

PHOENIX GOODYEAR AIRPORT UPDATE

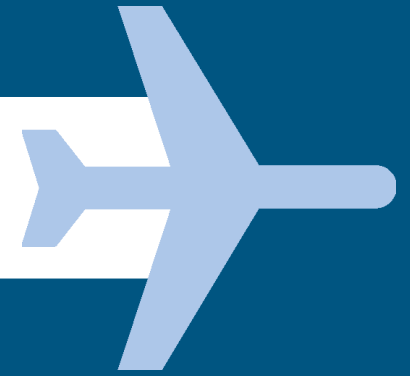


CITY OF GOODYEAR
CITY COUNCIL WORK SESSION
OCTOBER 23, 2023



PHX DVT BYR

AGENDA



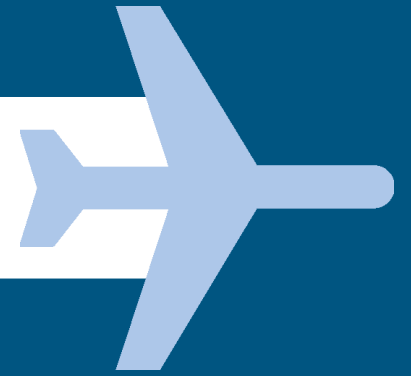
Airport update

Aircraft noise & safety overview

Recent citizen aircraft noise & safety concerns

Going forward

AIRPORT UPDATE



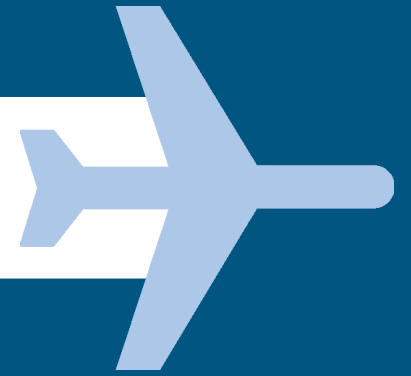
Completed an airport master plan in 2018

- Provides road map for future development
- Provides significant outreach and collaboration with stakeholders
- Another master plan scheduled in the next few years

Invested \$40M+ in airport infrastructure

\$100M potential in private development over next 3 years

AIRPORT UPDATE



Current business activity (9 businesses +/- 700 jobs)

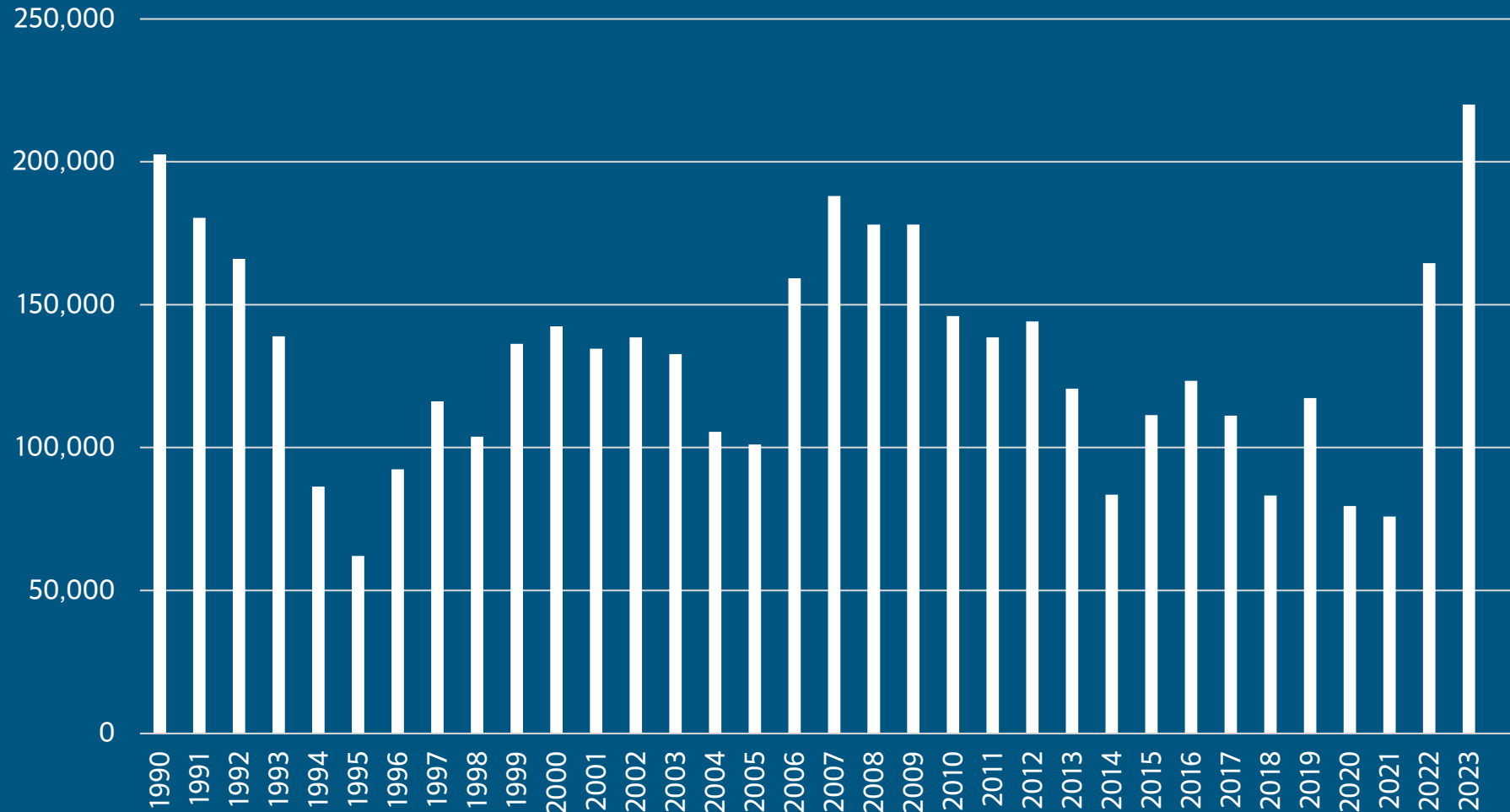
- Maintenance, Repair, & Overhaul (MRO)
- Business aircraft operations
- Flight training +/- 400 students
- All three business segments expanding

Economic impact – 2017 report: Annual economic impact \$121M - Annual payroll \$45M

Goodyear events: Super Bowl, NASCAR, Skykids, Military support, NCAA Final Four

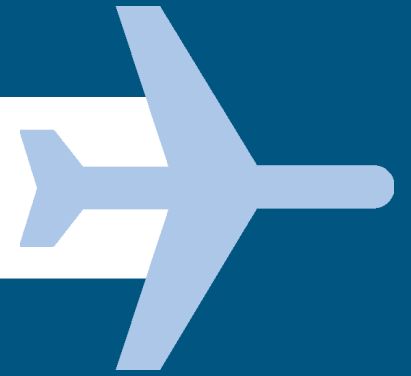
PHOENIX GOODYEAR AIRPORT OPERATIONS

(TAKE OFF AND LANDINGS) CY 1990 – CY 2023



*CY 2023 forecast full year

UNITED AVIATE ACADEMY



Started operations Dec 2021

First airline wholly owned flight school

Filling critical role for pilot development

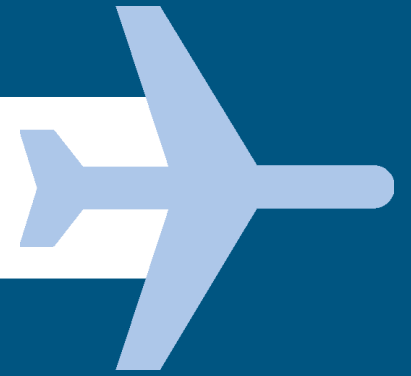
Emphasis on diversity

Fly new aircraft – Cirrus 20

Selected Goodyear for their operation

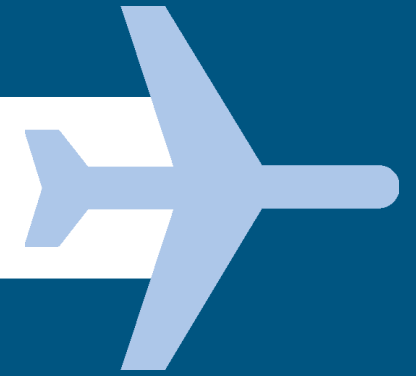


AIRPORT NOISE & SAFETY OVERVIEW



USDOT Aviation Noise Abatement Policy (1976) defines roles of stakeholders relative to noise and safety associated with aircraft

- FAA is responsible for managing airspace, air traffic, and aircraft ground movements
- Airports are responsible for maintaining the airfield and airports cannot restrict airport access
- Zoning authorities are responsible for promoting compatible land use and requiring disclosures

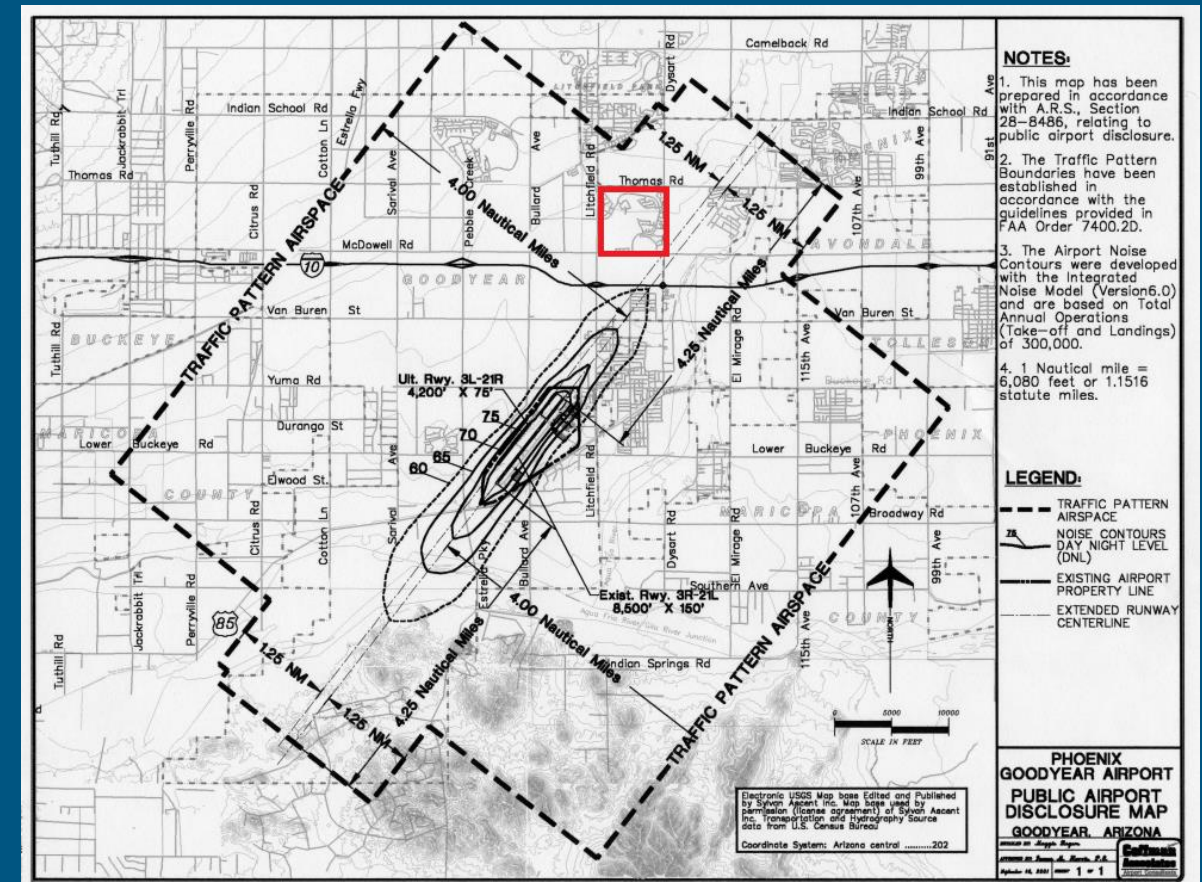


AIRPORT NOISE & SAFETY OVERVIEW

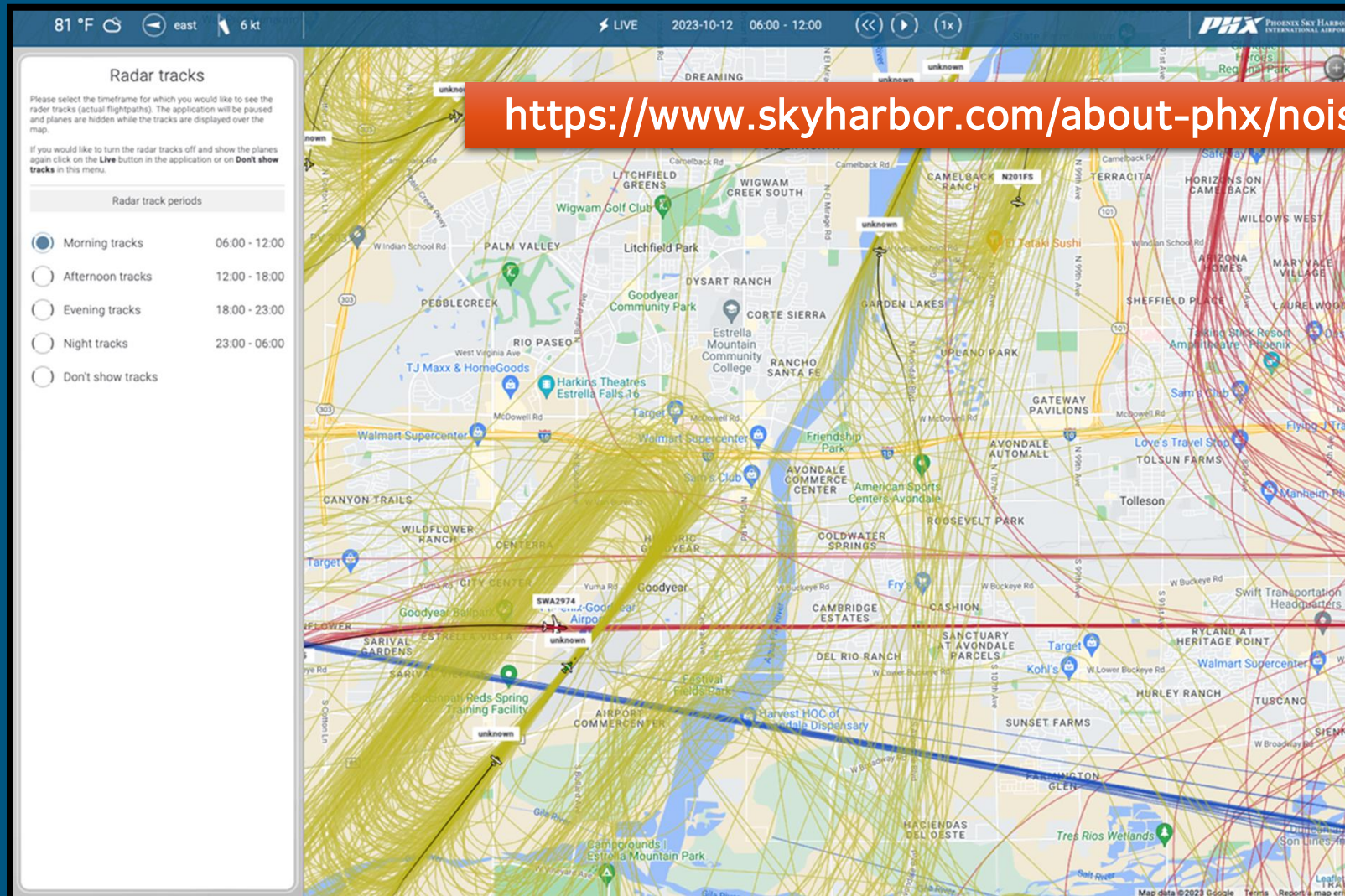
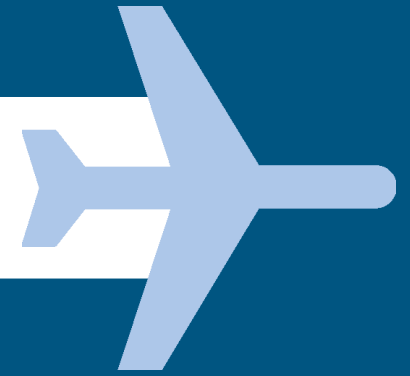
All residents who purchase a home in the airport traffic pattern are required to receive a public disclosure map when purchasing their home

Phoenix Goodyear airport completed our master plan in 2018 and had significant outreach with public hearings to talk about the future growth of the airport

The airport forecast in operations growth was a key part of the master plan and discussed with the community in detail

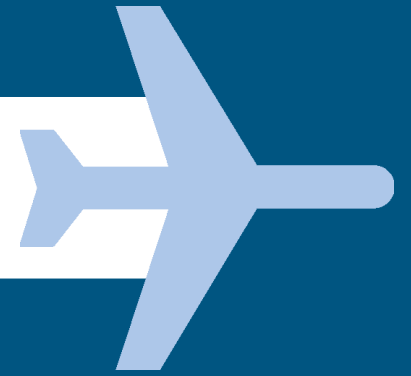


NOISE CONCERN SUBMISSION PROCESS



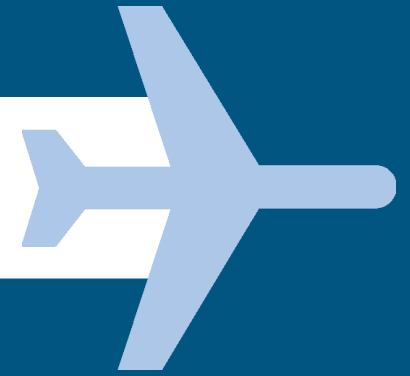
<https://www.skyharbor.com/about-phx/noise-and-flight-paths/file-a-concern/>

NOISE ABATEMENT IN EFFECT



Phoenix Goodyear Airport has a voluntary noise abatement program to include:

- Meeting with all flight schools monthly to discuss any aircraft noise or safety concerns
- Providing pilots with Aircraft Owners & Pilots Association (AOPA) noise awareness steps to “fly friendly”
- Providing FAA Chart Supplements identifying noise abatement areas 1-3 miles N-NE of the airport
- Providing Phoenix Goodyear airport pilot guides that provide noise friendly flight procedures



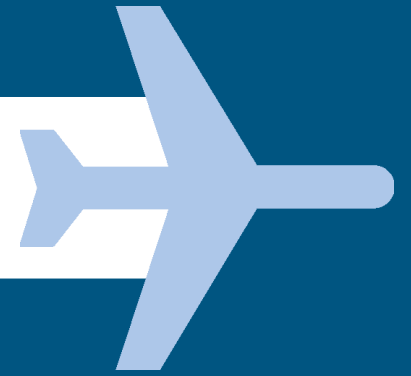
RECENT GOODYEAR NOISE CONCERNS

Phoenix Aviation Department Planning & Environmental Division tracks and responds to citizen aircraft noise and safety concerns

From Jan 2023 to Aug 2023, 2-6 households filed aircraft noise concerns

	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Avg</u>
Complaints	107	171	328	473	881	706	850	1,799	664
Households	3	3	6	3	2	2	5	4	3.5

GOODYEAR AIRPORT FLIGHT TRACKS – AUGUST 2023

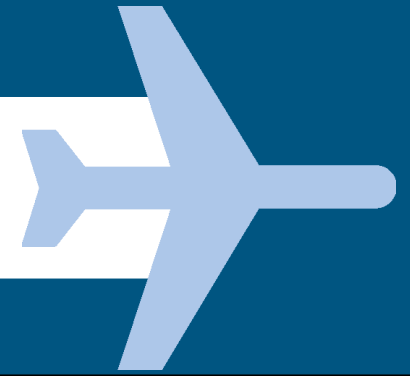


Household locations

- 3 Palm Valley
- 1 Estrella Mountain

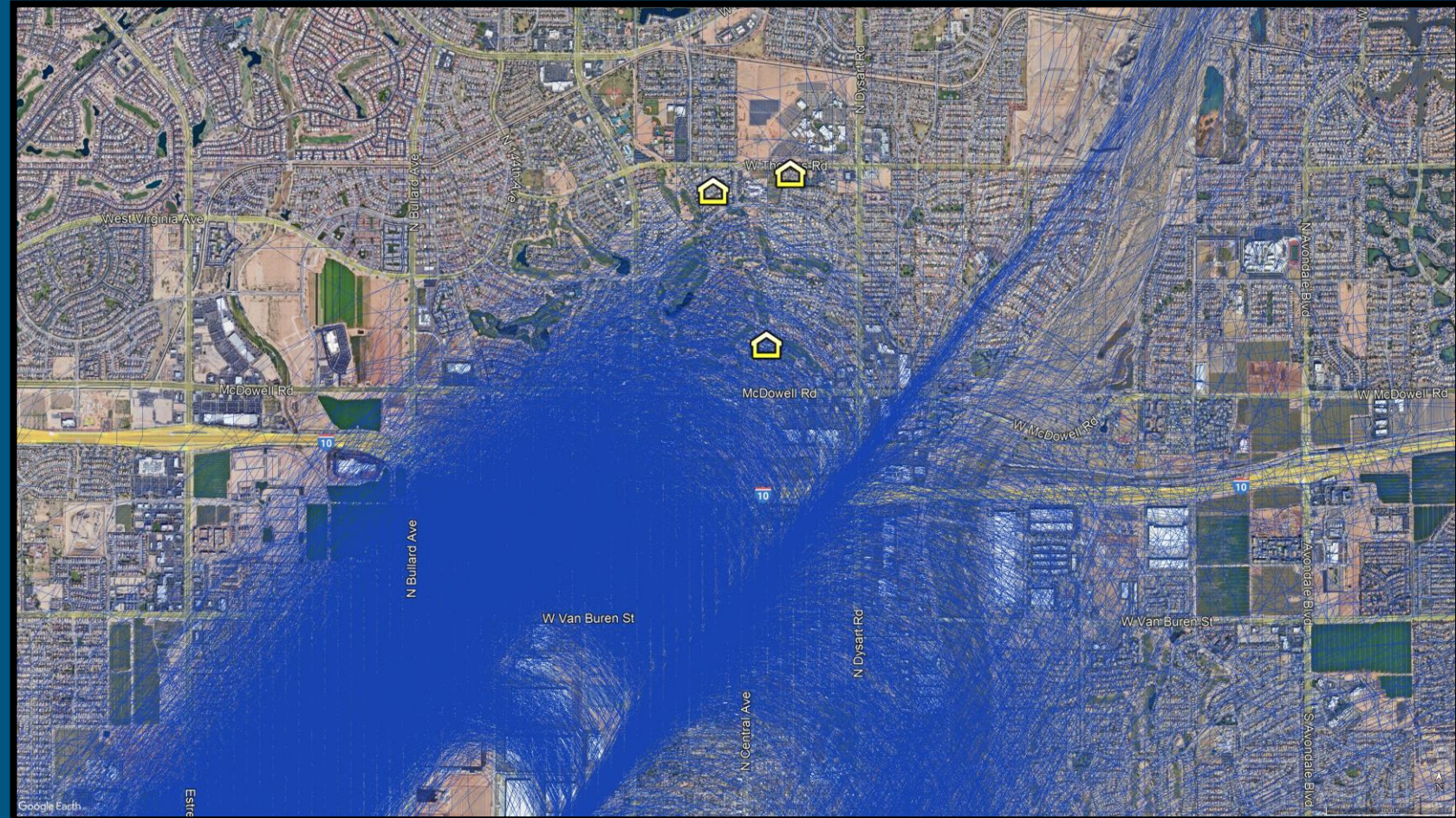


FLIGHT PATHS AROUND PHOENIX GOODYEAR AIRPORT (PALM VALLEY AREA – AUGUST 2023)

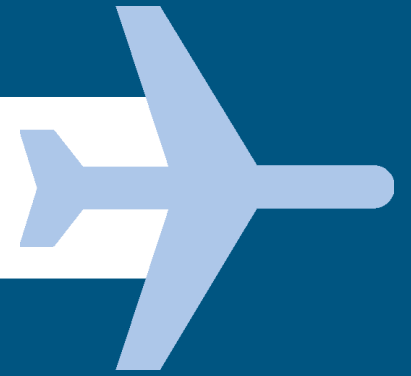


Majority of concerns north of I-10

- One household accounts for 93.5% of a/c noise concerns
- Two households account for 99.5% of a/c noise concerns
- Three households account for 99.9% of a/c noise concerns



PALM VALLEY AREA NOISE CONCERNS



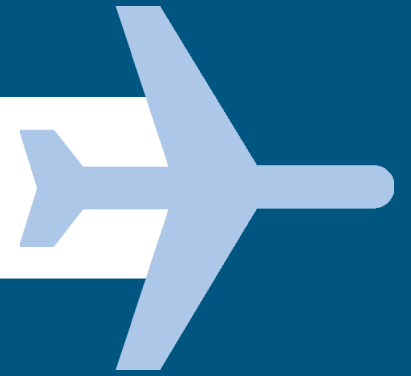
The Phoenix aviation department received noise concerns from three households in the Palm Valley area for August 2023. Two of the citizens met with aviation staff to discuss their concerns

Residents had both noise and safety concerns. Residents requested the aircraft traffic pattern be kept at or south of I-10, there are too many aircraft flying over their home, and they indicated aircraft are flying too low. Citizens also provided several measures they would like to see

Staff from the Aviation Department Planning & Environmental Division, Goodyear airport, and the air traffic control tower met with the citizens to learn more of their concerns

Once the concerns were understood the airport shared the concerns with all four flight schools at Phoenix Goodyear airport

FLIGHT SCHOOLS VOLUNTARY INITIATIVES

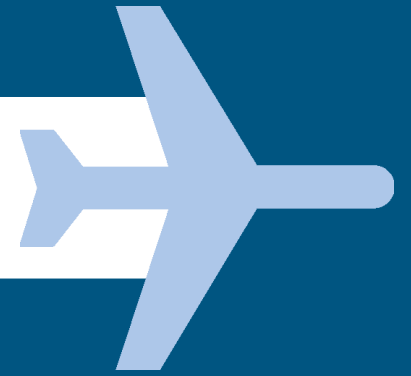


The flight schools identified two voluntary initiatives they have already implemented to help mitigate the citizens concerns:

- The flight schools agreed to make best efforts to keep their aircraft at or south of I-10 when able
- The flight schools also agreed to make best efforts to maintain at or near 1,000' Above Ground Level (AGL) when the pattern is extended north of I-10 for safety

We shared the flight schools initiatives with those residents

ADDITIONAL NOISE ABATEMENT OPTIONS

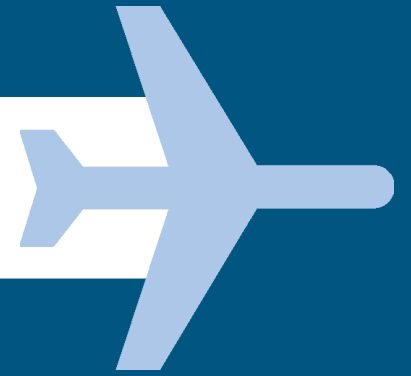


Phoenix Goodyear Airport is reviewing additional measures for potential implementation:

- Installing Fly Friendly signage at runway ends to remind pilots about noise abatement
- Monthly monitoring and reporting of voluntary measures
- Pursuing second runway (master plan update and NEPA)



SUMMARY



The Phoenix aviation department continues to have outreach and engage with residents who have aircraft noise concerns

We continue to collaborate with our tower, flight schools, and other users to find reasonable solutions for the community

We appreciate the partnership with City of Goodyear

FAA has different sections; Air Traffic (AT), Airports District Office (ADO), and Flight Standards District Office (FSDO)

For any reporting of unsafe aircraft operations, we provide citizens with the FAA contact for Flight Standards District Office (FSDO) to investigate pilot actions for aircraft in flight. Located in Scottsdale, FSDO has the authority to investigate and take action against pilots, if needed

https://www.faa.gov/about/office_org/field_offices/fsdo/sdl

THANK YOU FOR YOUR PARTNERSHIP!

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