



Community Noise Forum Meeting

May 20, 2021



Agenda

- Open Comments (15 minutes)
- Noise Monitoring Office Update (30 minutes)
- Metroplex (5 minutes)
- Noise Exposure Map Project Update (5 minutes)

This public meeting is being audio recorded



Hillsborough County Aviation Authority
Tampa International, Peter O. Knight,
Plant City and Tampa Executive Airports

Open Comments



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Noise Monitoring Office Update

Airport Certification – Part 139

- Code of Federal Regulations Part 139 requires the FAA to issue certificates to airports that:
 - Serve scheduled and unscheduled air carrier aircraft with more than 30 seats
 - Serve scheduled air carrier operations in aircraft with more than 9 seats but less than 31 seats; and
 - The FAA Administrator requires to have a certificate.
- Airport Operating Certificates serve to ensure safety in air transportation.

Airport Certification – Part 139

- Self- Inspection program:
 - Daily Inspections
 - Preventative Maintenance
 - Corrective Maintenance
- FAA Airport Certification Safety inspections:
 - Safety Inspectors
 - Annual Inspection:
 - TPA inspection May 18th – May 21st

The Runways

- Runway 1L/19R - 11002 Ft long x 150 Ft wide
- Runway 1R/19L - 8300 Ft long x 150 Ft wide
- Runway 10/28 - 6999 Ft long x 150 Ft wide



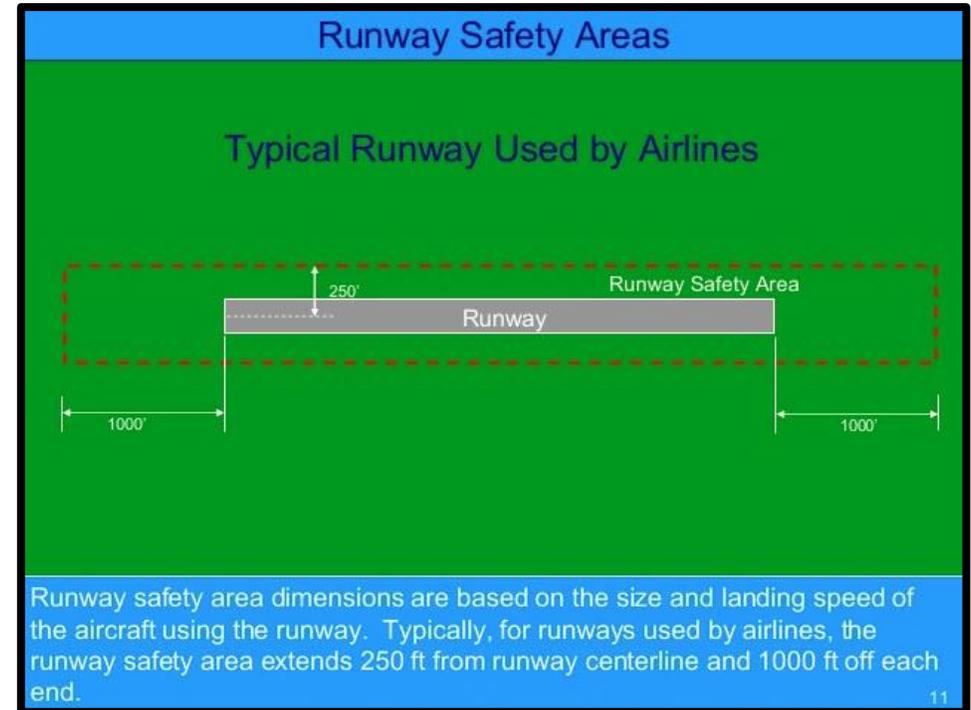
How wide are the Runways?

- The US Interstate Highway standards for the Interstate Highway System use a 12 ft. standard lane width.
- TPA runways are as wide as 12.5 Highway lanes.



Runway Safety Area - RSA

- The RSA includes the hard surface used for aircraft movement and additional surface areas around the hard surface.



Runway Closures

- Runway Maintenance:
 - Runway 1L/19R:
 - Apr. 7th 7 am – 11 am
 - Apr. 27th & Apr. 28th 8 am – 4:30 pm (Daily)
 - May 11th – May 12th 7:30 am – 4:30 pm (Daily)
 - Runway 1R/19L:
 - Apr. 20th – Apr. 21st 8 am – 4:30 pm (Continuous closure)
 - Apr. 22th 8 am – 4:30 pm
 - May 7th - May 8th 8 am – 4:30 pm (Continuous closure)
 - Runway 10/28:
 - Apr. 20th - Apr. 22nd 8 am – 4:30 pm (Daily)
 - May 6th – May 17th 8 am – 4:30 pm (Continuous closure)

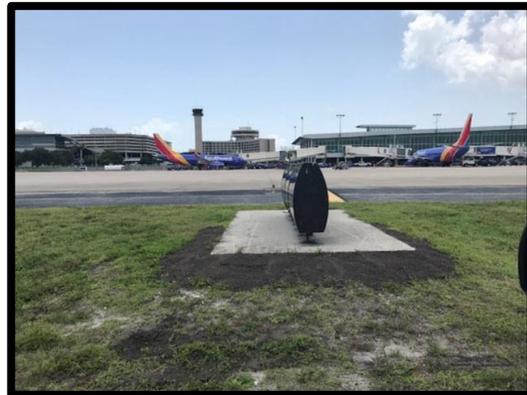
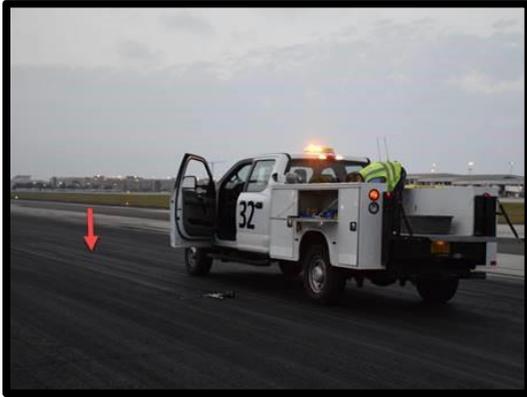


West Runway Closure

- Runway 1L/19R:
 - Closed to facilitate multiple runway maintenance items including:
 - Shoulder repair
 - Paint Removal /Repainting
 - Rubber removal
 - RSA maintenance
 - FAA Technical Operations
 - RWY 19R approach lighting Repairs
 - ILS Maintenance



Runway Maintenance



East Runway Closure

- A continuous Runway 1R/19L took place on May 7th through the 8th 2021:
 - Closed to facilitate multiple runway maintenance items including:
 - Paint Removal /Repainting
 - Rubber removal
 - RSA maintenance



Upcoming Prolonged 2021/2022 Runway Closures

- Extended closures on **both** parallel runways are tentatively planned for the second half of 2021. Dates to be determined and will be communicated once they are finalized:
 - Closures are necessary for re-grading work on the south ends of both parallel runways that cannot be accomplished per regulatory requirements with the runways open to air traffic.
 - Runway closures are expected to last ~30-45 days each.





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Noise Exposure Map Update

Noise Exposure Map Update

- The Authority is in the process of formally updating the Airport's Noise Exposure Map.
- This project formally kicked off in late 2019.
- Due to COVID-19, the first round of public outreach was delayed until October 2020.
- A second round of public outreach is planned for late summer 2021.
- The project is currently expected to be completed in late 2021/early 2022.



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Metroplex (NextGen)

Metroplex (NextGen) – Key Facts



- Congressional mandate to the Federal Aviation Administration (FAA) to transform the National Airspace System.
- Primary component is implementation of Performance Based Navigation (PBN), moving away from ground based navigation to satellite based navigation.
- South-Central Florida implementation (including TPA) will be implemented in two phases: the first was done in April 2021 and the second in late summer 2021.
- Majority of NextGen expected to be fully implemented in 2021.



Metroplex Implementation Coming in 2021

- FAA is the agency implementing congressionally mandated modernization of the National Airspace System.
- The FAA completed their second round of public outreach over the summer of 2021:
 - The FAA’s Finding of No Significant Impact was formally filed in late October 2020
 - Procedure changes will be complete by fall 2021
 - Majority of changes around TPA are at or above 10,000 ft.





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Monthly Scheduled Runway Closures

Reminder – Scheduled Monthly Runway Closures

1st Wednesday of every month – Runway 1L-19R Closed between 7:30 a.m. – 10:30 a.m.

3rd Wednesday of every month – Runway 1R-19L Closed between 7:30 a.m. – 10:30 a.m.

Note: Runway closure dates, times and lengths are subject to change



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Next Community Noise Forum Meeting:

Thursday, July 15, 2021

Times: 9:30 a.m. until 10:30 a.m. and 5:30 p.m. until 6:30 p.m.



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