

TUG WebEx Meeting Notes

March 20, 2024

Scott Marsh – Manager, Ops & Security

- YTD operations are up 2%. International arrivals are up 11% YTD.
- Busiest day – Thursday Feb. 15, 578 movements
- Daily average – 404 movements
- New TEB Control Tower will be commissioned in Fall 2024 (opening scheduled for Oct. 19)
- Runway 1/19 rehab project – mill & pave, install LED lighting (June 2024)
- Stormwater drainage project – multiple locations on airport, necessitating runway closures
 - June 6 to Sept. 1 – Closures on Sundays 0000L to 1200L
- FAA construction
 - Convert Rwy 1 VASI to PAPI
 - Power distribution updates
- Reminder of 100,000 lb. aircraft weight limit at TEB.

Matthew Petersen – FAA, Acting KTEB ATCT Manager

- If Customs at Hangar 1 is closed, notify Tower on arrival that you'll be taxiing to Jet Aviation to clear Customs. Tower doesn't always know when Hangar 1 Customs is closed.
- SWAP Weather Events
 - Don't file multiple flight plans. This causes confusion for ATC and flight crews.
 - If gate holds are in effect, make sure passengers are aboard and ready to go – departure routes can open at a moment's notice.
 - Low-level routes are often available – notify ATC that you can accept these.
- Signature West / Meridian Merger
- Historically busy dates:
 - Spring Break departures – last 2 weeks of March
 - Easter – March 31
 - Masters – April 8-14
 - Passover – April 22-30
 - Kentucky Derby – May 4
 - Mothers' Day – May 12
 - College graduations – May 11-19
 - Preakness – May 18
 - Memorial Day – May 27
 - Belmont Stakes – June 8
 - Tony Awards – June 16
 - US Open Golf in Pinehurst, NC – June 13-16
 - Soccer at MetLife Stadium
 - June 25 @ 2030L – Chile vs. Argentina
 - June 27 @ 2030L – Uruguay vs. Bolivia
 - July 9 @ 1930L – Semifinals

- The 2026 World Cup final will be played at MetLife Stadium (near TEB) on July 19, 2026. Operations at TEB will likely increase substantially around that time.

Steve Chandoha -- General Manager, Signature Aviation Teterboro West Terminal,

<https://www.signatureaviation.com/locations/TEB/west>

- Signature West has merged with Meridian at TEB
- The ramp isn't very deep for parking. The current solution is lane lines painted on the parking area, each with lane identification numbers.
- After landing, pilots should contact the Signature West Ramp Coordinator, who will advise them which lane to park in. Follow-me carts and wing walkers will be used.
- When calling Ground for outbound taxi, pilots should advise controller which lane they're in.

Gabe Andino – Manager, Noise Abatement and Environmental Compliance

- TEB Good Neighbor Awards – presented to operators in recognition of meeting noise goals and adhering to recommended operating hours
- When airport is on a north flow, pilots are encouraged to utilize a departure from Kilo intersection of Runway 1 (aircraft performance permitting)

Lisa Valladares – AIN Media Group, Director of Marketing & Client Services

- AIN's Corporate Aviation Leadership Summit (CALs) is an invitation-only meeting of senior-level corporate aviation department decision-makers from the most recognizable companies in North America.
- The next event (CALs East) is scheduled for July 15-17, 2024, in Newport Jersey City, NJ.
- Applications to attend can be submitted at <https://connect.ainonline.com/cals-2024>

Fred Calvert – Executive Jet Management, Director of Safety Assurance and Air Safety Investigation

- Presentation: "On Speed on Target – Mining FOQA Data to Reduce the Risk of Landing Accidents and Runway Overruns"
- ICAO FOQA requirement – aircraft over 27,000 kg (59,525 lbs) in commercial operations
- What do we do with FOQA data? SOPs & policies; Training; Aircraft; Airport
- Data validation – don't believe the data without thorough analysis! Many sources of error – FDR systems errors, program errors, bad or poor-quality data, weather conditions. Crew is the LAST place we look.
 - Examples – Roaring Fork Visual @ KASE, River Visual 19 @ KDCA
- Long flares reduce available stopping distance and increase probability of wing-strikes in certain aircraft
- Over 14,000 landings were analyzed. High approach speed was the biggest issue.
- Average touchdown point was 1,502' from threshold. Longest was 4,193' on 11,000' runway
- The second-by-second decisions (last 50') to make a safe landing is something the FDC can't detect
- Worst-case scenario involves failure of deceleration devices, requiring emergency braking system

- Acceptable touchdown points:
 - 6,000' (or more) runway available: 500' to 2,000' from threshold
 - Less than 6,000' runway available: 500' to 1,500' max from threshold
- Types of landings with multiple risk factors:
 - Landing beyond touchdown zone
 - Touchdown with airspeed more than 6 kts. above Vref
 - Less than 3,000' of remaining runway to stop the aircraft

Ron Gofron – Klatt Works, Director of Sales and Marketing, <https://www.klattworks.com/>

- Developed the Smoke Assured Vision Enhanced Display (SAVED), a high-resolution display module added to the Pilot's and Co-Pilot's Emergency Oxygen Masks to provide HUD feeds and symbology to the flight crew in the event of a smoke emergency in the cockpit.
- First FAA-approved STC received in April 2023 for B777
- Hoping to have STC for a business jet this year.
- Lithium-Ion batteries account for the majority of smoke incidents (37%)
- There's a smoke incident once every 48 hours on average
- Klatt Works is the only supplier that provides an FAA-approved, in-mask solution
- SAVED is installed in both pilots' full-face oxygen masks. HUD data is sent to the binocular display screens inside the masks, allowing pilots to see HUD symbology.
- System requires a forward-facing camera on the nose of the aircraft, and a HUD computer.
- Product attaches easily inside the oxygen face mask. 1- or 2-day installation, ~\$150,000

Michael Fiscus – Secretary, Teterboro Airport Community Benefit Fund

- The 38th Annual Scholarship Golf Classic will be held on May 20, 2024, at the Basking Ridge Country Club.
- More information can be found at <https://veoci.com/v/p/form/xjtytx7bnjf3>

Dave Belastock – President, TUG

- FlightSafety Foundation Summit – April 30 to May 1
- Next TUG meeting – June 19, 2024