

## Minutes of TUG Meeting – Mar. 19, 2014

### Dave Belastock – TUG President

- Dave welcomed everyone to the meeting, and attendees introduced themselves.

### Renee Spann – Airport Operations

- Jan 2014 – 11,771 movements (6.23% up since Jan 2013)
- Feb 2014 – 11,134 movements (.26% up since Feb 2013)
- Year-to-date movements 22,905 (up over 2% from 2013)
- 6 days of Super Bowl – 1,059 arrivals / 1078 departures = 2,137 movements
- Construction – replacing airfield signs damaged by Hurricane Sandy continues. About 10 signs are remaining. Should be finished by the end of March.
- Additional projects resuming in April 2014:
  - Runway 1 safety area improvement
  - Installing patrol road to circumnavigate the airport

### Gary Palm – Teterboro Tower Manager

- Dalton Departure is being under-utilized.
- Operators are reminded **not** to query the controller about whether they'll experience fewer delays with the Dalton. The controller cannot provide that information, but it is highly likely that pilots **will** have reduced delays by requesting this procedure.
- ATC is continuing to compile data on delays.
- Dalton is advantageous when the airport is on a south flow (19 & 24 departures).
- ILS 19 perturbations – reminder to flight crews that several incidents have occurred where the autopilot briefly captured the autopilot well prior to the proper intercept point, causing an unanticipated climb and potential altitude violations.
- “Cleared for the ILS” doesn't necessarily mean that the ILS Critical Area will be protected. If weather is better than 800' ceiling and 2 miles visibility, it will **not** be protected.
- A discussion ensued about the best way to mitigate this problem, whether by modifying taxiing routes to avoid the ILS Critical Area, educating pilots about this mode of failure, issuing clearance for a Localizer-only approach, or some other means of solution.

### Leo Prusak – Manager of Tactical Operations, FAA

- 2014 Super Bowl Review
- Discussed traffic management, particularly reservation compliance.
- PPR was used at EWR, JFK, LGA, TEB and MMU.
- Total of 1650 arrivals were managed via PPR.
- No reported problems or delays. Only one ground stop for 47 minutes.
- Aerial photos of the airport were taken during the event, to analyze the parking situation.
- No departure delays were experienced.

### **John Castens – Airport Operations**

- 19 weather events in 2014
- Over 6 feet of snow year-to-date
- Total liquid chemicals used: 321,250 gal
- Solid chemicals used: 68,335 lbs
- Runway 6/24 was closed a total of 6 times.
- The topic of snow banks next to taxiways and ramps, which pose a hazard to aircraft wingtips, was mentioned.

### **Dean Saucier – NBAA Regional Representative**

- European Union Emissions Trading System (EU-ETS) – NBAA is seeking a global environmental study.
- NBAA is also fighting the user fees that are being promoted by the current administration.
- New York State still has an aircraft sales tax, but relief may not be far away.
- NBAA Insights Connection – May 15 at Westchester Hilton. Open floor for questions.
- NBAA will deduct \$100 from any NBAA membership fee if that member joins TUG. TUG will then receive half of the membership fee.

### **Rudy Steintal – Aviation Hall of Fame & Museum of NJ**

- Wings and Wheels Expo – Scheduled for Father’s Day weekend, June 14-15, 2014
- It’s a great family event, featuring World War II aircraft, military vehicles, and contemporary show cars.
- Contests, interesting exhibitions, and food concessions will all be available.
- Volunteers for the event are needed. Please contact the Aviation Hall of Fame & Museum of NJ at 201-288-6344, [www.njahof.org](http://www.njahof.org)

### **Dr. Carol Ash – Director of Sleep Medicine, Meridian Health**

- Dr. Ash delivered a fascinating presentation titled “Sleep Matters for Aviation.”
- The full presentation can be viewed at [http://teterborousersgroup.org/wp-content/uploads/2014/03/Sleep\\_Aviation.pdf](http://teterborousersgroup.org/wp-content/uploads/2014/03/Sleep_Aviation.pdf)
- FAA proposal: pilots with Body Mass Index (BMI) of 40 or greater would be required to undergo testing for sleep apnea.
- FAA planned to expand it to BMI of 30 or greater, but public uproar in the General Aviation community caused FAA to back down from that proposal.
- Sleep apnea is a very large industry, which includes expensive testing and treatments.
- This creates a conflict of interest, where the medical field lobbies for pilot testing and treatments that are motivated more by money than by a genuine interest in safety.
- Aviation Sleep Bill – aviation organizations (such as NBAA and AOPA) supported the Senate bill to compel FAA to use the rulemaking process before enacting any new policies regarding sleep disorders.
- FAA’s proposal had little safety benefit.

- FAA's definition of "fatigue" – a condition characterized by increased discomfort with lessened capacity for work, reduced efficiency of accomplishment, loss of power or capacity to respond to stimulation, and is usually accompanied by a feeling of weariness and tiredness.
- FAA states that fatigue has minimal consequences outside of aviation, but this statement is simply not true. Poor sleep is a significant cause of many chronic illnesses.
- Sleep requires both the proper amount, and the proper timing.
- Adults require 7 to 9 hours of sleep each day.
- Those sleeping less than 6 hours per night are **66% more likely** to develop hypertension, increased risk for cardiovascular disease, weight gain, ADHD, impaired situational awareness, and even genetic changes.
- Microsleep may occur during waking hours, causing sudden and brief incapacitation.
- Sleep apnea affects 40 million Americans – and most are not yet diagnosed.
- The Monday after Daylight Savings Time has greatly-increased chances of heart attack and traffic accidents. Even this 1-hour shift of sleep schedule is extremely stressful on the body.
- The most important things that humans can have for their overall well-being are a sense of purpose, and connection to others.
- TUG extends our sincere thanks to Dr. Ash for delivering a highly engaging and informative presentation!