

Turbulence Impact Mitigation Workshop 3

September 5-6, 2018

Welcome and Logistics

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General Information

- **Badges and lanyards**
 - Worn and visible while in the building
 - Drop them off at the front desk when leaving the building, even if you plan to return
- **9-1-1**
 - Please do not call 9-1-1
 - MITRE Security will work all emergency events and facilitate coordination with external organizations
- **Emergency exits**
- **Bathrooms**
- **Sign-in and lunch payment**
- **Shout outs**

Internet Connectivity

- **SSID = Outernet**
- **Password = respect mark brush fast**

DEDICATED TO HELPING BUSINESS ACHIEVE ITS HIGHEST GOALS.



Business Aircraft Turbulence Survey

Fall 2018 | Turbulence Impact Mitigation Workshop 3

Presented by: NBAA Weather Subcommittee

Business Aircraft Turbulence Survey

Details

- Short Duration
 - Summer FPAW until Labor Day weekend to prep and distribute
 - Ran for just over 2 weeks
- Targeted specific participants
 - Pilots
 - Flight Attendants
 - Schedulers or Dispatchers
 - Department Managers

Business Aircraft Turbulence Survey

Details

- Outreach via
 - Targeted emails to NBAA membership
 - Social media (Facebook and Twitter)

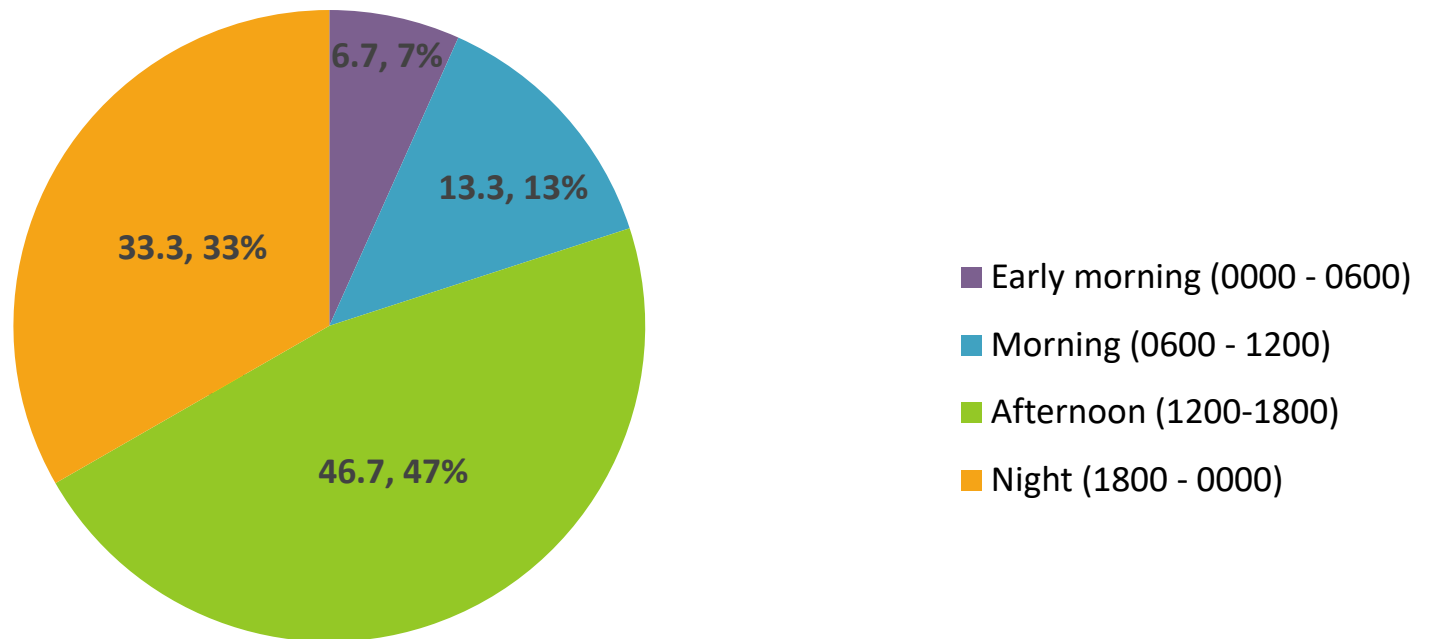
Business Aircraft Turbulence Survey

1. When did the incident occur? (MM/DD/YYYY)

- We received reports from as far back as 1990.

Business Aircraft Turbulence Survey

2. What time of day did the incident occur?



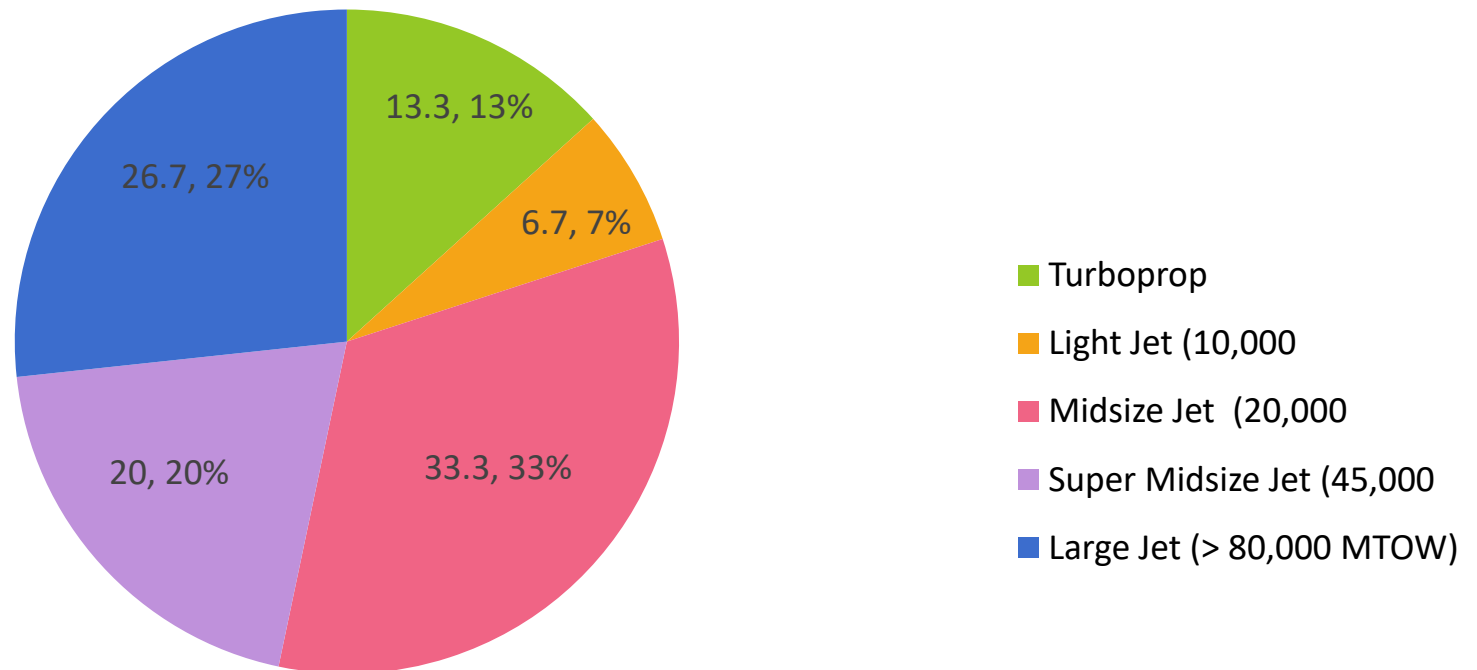
Business Aircraft Turbulence Survey

3. Aircraft Position at Time of Incident

- General Location
 - Around the world, from southern California to the South China Sea
- Direction of flight
- Altitude
 - From 14000 MSL and 2000 AGL, to FL470

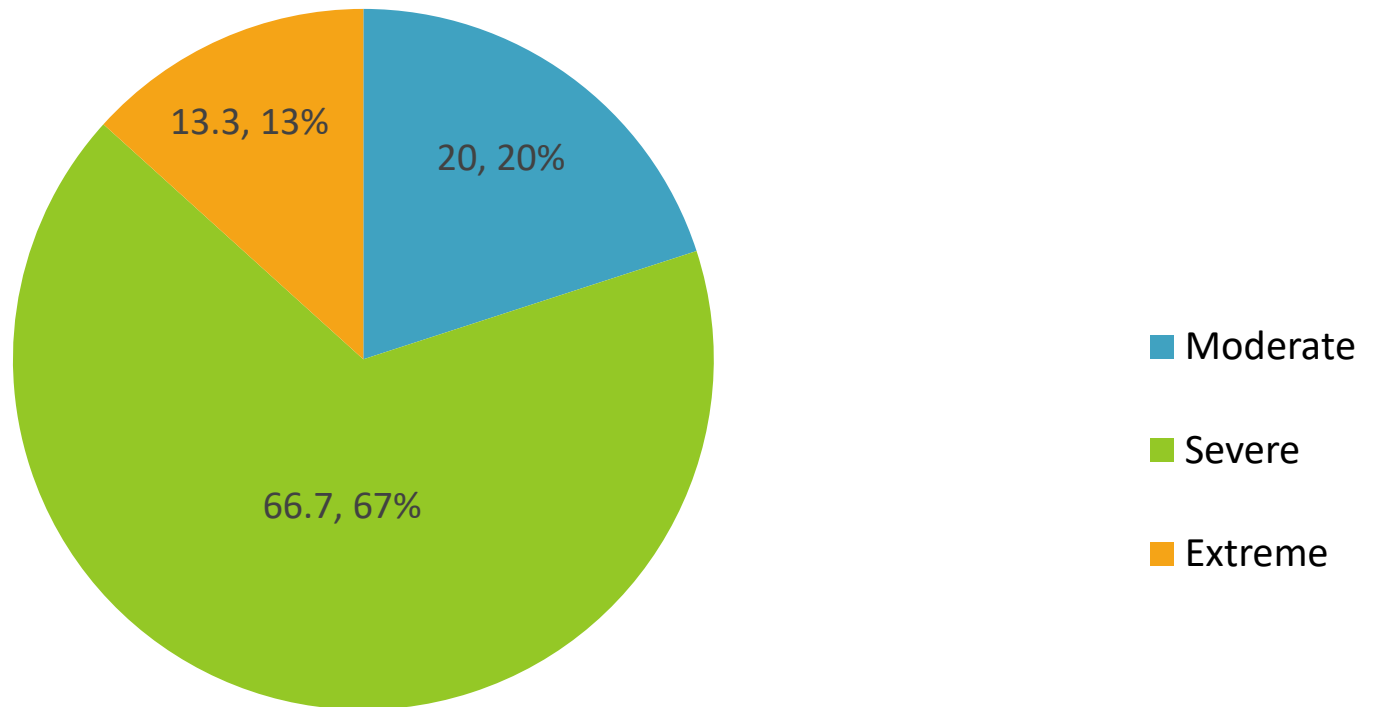
Business Aircraft Turbulence Survey

4. Which option best describes the aircraft?



Business Aircraft Turbulence Survey

5. What was the severity of the turbulence? (Based on FAA/AIM levels)



Business Aircraft Turbulence Survey

6. What were the weather conditions at the time of the incident?

- VFR
- IFR
- Clear Air
- Thunderstorms

Business Aircraft Turbulence Survey

7.(Please check all that apply) The turbulence resulted in a need for:

- All boxes checked
 - Appreciably Changed Altitude (86.7%)
 - Change in Mission Plans (6.7%)
 - Early Landing, Diversion, Emergency Declared
 - Significantly Changed Route of Flight (20%)
 - Medical Services Required (6.7%)

Business Aircraft Turbulence Survey

8. Number of cabin crewmember injuries?

- Zero?
 - How do we encourage crews to report these incidents?

Business Aircraft Turbulence Survey

9. Number of passenger injuries?

- One
 - How do we get owners/operators to report these incidents?