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MAKE BUSINESS AVIATION SAFETY YOUR TOP PRIORITY

2016 Top Safety Focus Areas

www.nbaa.org/safety-focus

NBAA's Top Safety Focus Areas for 2016 highlight a set of priorities in support of a greater commitment to business aviation safety standards. Identified through the NBAA Safety Committee's data-driven risk assessment process, these focus areas are a tool for safety-enhancing initiatives within flight departments and among owner-flown operations. For full descriptions and resources, visit www.nbaa.org/safety-focus.

TOP SAFETY ISSUES

Identified through industry data analysis, these issues should be primary targets of risk-mitigation efforts for all operators.

Single Pilot Accident Rate

Accident rates are consistently higher for single pilot-operated aircraft. Owner-flown aircraft face a distinct set of challenges.

Ground Handling Incidents

Collisions involving aircraft, vehicles, buildings and fixtures on the airport surface are on the rise and result in significant costs. Operating safely on airport surfaces requires increased vigilance.

Loss of Control – In Flight

Loss of control accidents result in the most fatalities of any accident category. Improved prevention, recognition and recovery skills can reduce accidents.

Runway Excursions

Runway excursions are the most common business aviation accident. With well-identified risk factors, these are highly preventable accidents.

KEY HAZARDS

Identifying and understanding these eight hazards, which affect nearly every operator, is the first step toward mitigation.

Intentional Non-Compliance

Non-compliance remains a significant contributing factor in many aircraft accidents and incidents. Procedural violations and intentional omissions are reckless behaviors that plague safe operations.

Distractions From Duty

Distractions result in a loss of situational awareness and can lead to accidents and incidents. Proactive management of PEDs, pressure and other stressors are needed to mitigate this hazard.

Fatigue

Scientific information and practical awareness of fatigue, human sleep and circadian physiology can help mitigate and safely manage contributing factors.

Task Saturation

Automation confusion and failing to proactively manage anticipated tasks in the cockpit, the hangar or the office are common precursors to this hazard.

Birds and Wildlife

Knowing how to reduce the risks of wildlife strikes is vital, given the nature and location of many airports accessed by business aircraft.

Intentional Laser Strikes

As laser strikes on aircraft increase exponentially, causing distractions, temporary blindness and even retina damage, crews must adopt mitigation strategies.

Airspace Complexities

The effects of heavy traffic, UAS integration, weather and new technologies are increasing the complexity of airspace navigation. Continued vigilance and professionalism are necessary to ensure a safe operating environment.

Pilot Deviations

Gross navigational errors and deviating from published SIDs and STARs remain a stubborn hazard in our national airspace system. Pilots need to exercise proper flight planning and remain vigilant while on duty.

FOUNDATIONS FOR SAFETY

Operation-wide commitment to these core tenets contributes to the foundation of a proactive and effective safety system.

Professionalism

Professionalism is the pursuit of excellence through discipline, ethical behavior and continuous improvement, and is a cornerstone of safety management.

Safety Leadership

The entire organization must work together to fully embrace a proactive safety mindset. This includes beliefs, values, attitudes and practices.

Risk Management

Organizations must have the tools and systems in place to identify and eliminate or mitigate risks that threaten operational safety, success and viability.

Fitness for Duty

In a physically and mentally demanding environment, a clear mind and healthy body are essential to safe business aircraft operations.

Technical Excellence

Improved training will lead to a reduction in loss of control, runway excursions and other business aviation accidents.



NBAA

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ABOUT NBAA

Founded in 1947, the National Business Aviation Association (NBAA) is the leading organization for companies that rely on general aviation aircraft to help make their businesses more efficient, productive and successful. Join today by visiting www.nbaa.org/join.

ABOUT THE SAFETY COMMITTEE

NBAA and its Safety Committee published the 2016 Top Safety Focus Areas to provide business aircraft operators with the awareness, knowledge and tools for achieving even higher standards of aviation safety. The safety focus areas were developed with input from government agencies, industry associations, regional groups and other NBAA standing committees. To share feedback, contact NBAA at ops@nbaa.org, or review additional safety resources at www.nbaa.org/safety.