



Federal Aviation
Administration

STAND UP to ERROR STAND DOWN FOR SAFETY

2nd Annual FAASafety Team SAFETY STANDDOWN

April 2, 2011

**Sun 'n Fun, Lakeland, FL
and throughout April at more than
90 locations around the U.S.**

**Check for one near you
www.FAASafety.gov/standdown**

The FAA Safety Team's 2nd Annual Safety Standdown is a free 1-day seminar. Its focus is to help pilots of all experience levels discover ways to improve flying safety. Listen and learn as Kermit Weeks and a few of his pilot friends share some hangar talk about their flying experiences.

4 Reasons You Should Attend

- 1. 85% of GA Accidents Result From Pilot Error.
- 2. 15% of GA Accidents Result From Mechanical/Maintenance Problems.
- 3. 55% of Fatal Accidents Result From Flying VMC Into IMC.
- 4. 25% of Fatal Accidents Occur While Flying Within 800 Feet AGL.

Safer Pilots Through EDUCATION

Pilot error causes more than 85 percent of all general aviation accidents. Airmen can improve this record when they embrace training directly related to improving performance.

This year's Safety Standdown sessions will focus on 4 critical areas—(1) Positive Flight Attitude, (2) Going Beyond Preflight, (3) En Route Cruise—Fatal Errors, and (4) Maneuvering Flight. During each session, subject matter experts will address issues responsible for most GA accidents. Through videos, discussion, and audience participation, airmen can acquire methods to improve risk identification and mitigation. Airmen will also have an opportunity to self-assess and improve personal flying habits and discipline.

Safety tips are not aircraft or manufacturer specific. They are useful to pilots of all levels and any aircraft flown.

With Special Thanks to

Kermit Weeks

Fantasy of Flight
and Barrington Irving,
Janeen Kochan for the
Fantasy of Flight segments.

Tulsa Technology Center

TV Production Program for the
Beyond Preflight segment.

Improving GA Safety Starts With You.

Take Home Valuable Tips for Safer Flying.

Focus Areas for Safety Standdown

- 1. Positive Flight Attitude
- 2. Going Beyond Preflight
- 3. Enroute Cruise—Fatal Errors
- 4. Maneuvering Flight

1. Positive Flight Attitude

This session offers pilots ways to improve decision-making skills and develop a positive flight attitude so they recognize complacency, identify potential risks, and improve preflight planning skills—all essential for becoming safer pilots.

You can discuss with experts what constitutes a positive flight attitude, how to develop one, and how to keep it. You can also discuss airmanship. Come and hear what Kermit Weeks and friends have to say about increasing proficiency and flight discipline and becoming a safer pilot.

Take-Away Points

This session provides valuable tips and information to minimize your risks to flying.

Know—

- 1. How to recognize and minimize areas in which you are complacent.
- 2. How to recognize your risks and apply risk management for safer flying.
- 3. How to improve proficiency airmanship and flight discipline.

2. Going Beyond Preflight

Whether you own, rent, or borrow an aircraft, you need the effective tips that this session offers to help you identify potential problems before takeoff.

The focus is on mechanical/maintenance issues, which account for about 15 percent of GA accidents. Some 8 percent of these accidents are fatal—most being caused by powerplant or propeller problems.

Discussions in this session go beyond checklists to include the aircraft's maintenance logbooks and airworthiness directives as part of your preflight planning. You can gain a better understanding about what to inspect and why.

In addition, experts will highlight inspection techniques from the FAA Safety Team series

Safety Is No Accident: Beyond the Preflight. Understanding and using these techniques can make each flight safer.

Take-Away Points

This session can increase your awareness about identifying maintenance and mechanical issues before you fly.

Know—

- 1. The maintenance history of the airplane you fly. Become familiar with how items are recorded in the maintenance logbooks.
- 2. Your AMT's expertise and abilities. Good communication with your AMT is critical.
- 3. How to identify potential mechanical issues using enhanced preflight techniques.

3. Enroute Cruise—Fatal Errors

Deliberately continuing flight into bad weather causes about 55 percent of all fatal accidents. More than 60 percent of those accidents occur in single-engine, fixed-gear aircraft flown by pilots of every certificate level of pilot—from student to airline transport. In almost all cases, these accidents result from a pilot's decision to fly into weather beyond his, her, or the aircraft's capability. Flaws in preparation, planning, and decision making are evident in accident summaries.

Attendance at this session promises a lively discussion and examples of why pilots appear to disregard adverse weather information, and why they fail to plan and execute their flight safely and within their training and skill levels.

Take-Away Points

In this session, experts will introduce you to valuable safeguards to avoid the three common accident areas that occur during the cruise segment of a flight.

Know—

- 1. How to use preflight preparation and planning to avoid marginal VFR and flying VMC into IMC.
- 2. How to avoid letting distractions and technology result in loss of control in flight.
- 3. The value of preflight preparation and planning in avoiding controlled flight into terrain.

4. Maneuvering Flight

During the past 40 years, on average, more than 25 percent of all fatal accidents and a high rate of injury occur during maneuvering flight.

Maneuvering flight—flying performed close to the ground (800 feet and below) and includes operations such as turns in the traffic pattern. It also includes risky activities such as aerobatics by untrained pilots and/or unapproved aircraft and buzzing.

During this session you will have an opportunity to discuss the three most common causes of maneuvering flight accidents—

- Stall/spin events
- Aerobatics
- Buzzing

Take-Away Points

In this session, you can sharpen your decision-making skills to help avoid maneuvering flight accidents.

Know—

- 1. Maintain a safe speed and minimize distractions to avoid stall-spins in the traffic pattern.
- 2. Get proper training and use proper aircraft before attempting aerobatics.
- 3. Maintain a legal and safe altitude to avoid buzzing.