PIRATE FLYER

Spring Flying | Preflight | Resource Management

Safety Culture

Captain's safety culture - **TRAIL**

Trusting - Safe, Valued, Respect
Reporting - Proactive, Accessible
Adaptive - Flexible, Innovative
Informed - Sharing, Transparent
Learning - Safety Intelligence

All Hands Safety Day

Aviation Department All Hands Spring Safety Standdown

Wednesday March 18
Student Center Ballroom
0900-1600
Attendance Mandatory - No Fly

Safety Reporting

Use this QR code to share continuous improvement ideas or identify safety hazards. For More Info contact Captain Lewis in S&T Room 261, (850) 449-4841 or email kent.lewis@hamptonu.edu

Spring Flying = Opportunity & Risk

Spring brings excellent training conditions—but also rapidly changing weather and performance challenges that demand disciplined decision-making.

✅ **Cold Fronts & Squall Lines** - Rapid wind shifts, gust fronts, embedded TS - Check METARS & TAFS

✅ **Low Ceilings & Visibility** - Morning fog, Coastal stratus, Reduced VFR margins - Plan an alternate

✅ **Thermal Turbulence** - Increased convective activity, Strong updrafts/downdrafts allow altitude = Go / NoGo

✅ **Density Altitude Awareness** - Warmer temps reduce aircraft performance - Fly early

Private & Commercial Pilot ACS Emphasis Areas

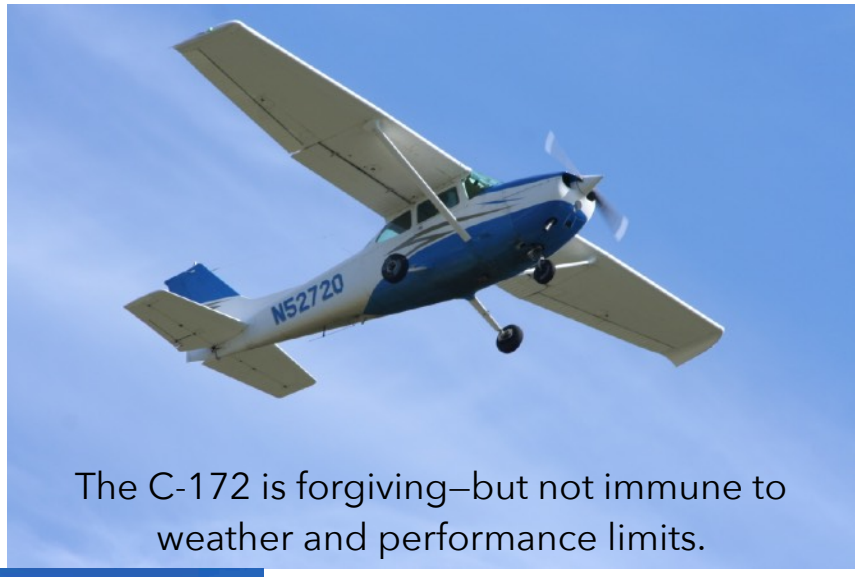
Risk management (PAVE, IMSAFE)
Establish Personal Minimums
Weather interpretation (METARs, TAFs, prog charts)
Identify hazardous weather
Identify and Assess Risk(s)
Go / No-Go decision-making
Implement Risk Controls
Manage resources by expanding team with ATC, Airport Ops
Gather actionable safety intelligence enroute
Demonstrate sound Aeronautical Decision-Making (ADM)
Fly Smart

Performance Considerations

✈️ **Takeoff & Climb** - Calculate density altitude every flight. Expect reduced climb on warm afternoons.

✈️ **Crosswind Awareness** - Spring frontal systems = gusty winds. Demonstrate proper aileron and rudder control.

✈️ **Stalls & Slow Flight** - Turbulence can mask airspeed changes. Fly coordinated.



The C-172 is forgiving—but not immune to weather and performance limits.

ACS Tasks Commonly Affected

✅ Preflight Preparation
✅ Weather Decision-Making
✅ Normal & Crosswind Takeoffs
✅ Slow Flight & Stall Recognition
✅ Go-Around Procedures

ACS Focus: Conduct a thorough preflight. Maintain aircraft control, situational awareness, and risk mitigation at all times.