

General Aviation Joint Steering Committee
Loss of Control Working Group 1

Outreach Guidance Document

This outreach guidance is provided to all FAA and aviation industry groups that are participating in outreach efforts sponsored by the General Aviation Joint Steering Committee (GAJSC). It is important that all outreach on a given topic is coordinated and is free of conflicts. Therefore, all outreach products should be in alignment with the outline and concepts listed below for this topic.

Outreach Month: December 2013

Topic: Aeronautical Decision Making (ADM) (SE3 Output 1)

Background: To reduce the risk of loss-of-control accidents, the GA community should develop and implement a flight safety program focusing on Aeronautical Decision Making (ADM). The initiative should focus on ADM in preflight planning; professional decision-making; flight risk assessment tools (FRAT); and stabilized approaches, missed approaches and go-arounds.

Teaching Points:

- Airmen should recognize that ADM is a learned skill
 - Sharpen ADM skills by understanding the 3P model
 - Perceive, Process, Perform
- Sound ADM is essential to safe flying. Focus ADM techniques on:
 - Pre Flight
 - Flight Risk Assessment Tools (FRATs)
 - Weather Data Acquisition and Interpretation
 - Mission, route, weather, & fuel planning
 - Pilot physical, emotional, & fatigue status
 - In Flight
 - Situational Awareness
 - Proceed or divert decisions
 - Emergencies
 - Post Flight
 - Lessons learned
 - Maintenance Planning
 - Continuing Pilot Education Planning
- Promote the Wings Pilot Proficiency Program
- Encourage pilots to take “The Art of Aeronautical Decision-Making” computer-based training program offered on FAASafety.gov
https://www.faasafety.gov/gslac/ALC/course_content.aspx?clD=28&slD=108&preview=true

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References:

- **The 3P Model**
www.youtube.com/watch?v=BgPOeUslwM
- **Aviation Risk Management Handbook**
http://www.faa.gov/regulations_policies/handbooks_manuals/aviation/risk_management_handbook/media/rmh_ch05.pdf
- **General Aviation Pilot’s Guide to Preflight Weather Planning, Weather Self-Briefings, and Weather Decision Making**
http://www.faa.gov/pilots/safety/media/ga_weather_decision_making.pdf

IMPORTANT – Once you have completed outreach on this topic, please help us track the outreach you have done by entering a PTRS record.

PTRS Activity Code	National Use	Primary Area	Key Word	Description	Performance Target	Date Due	LDR 12XXFAFAAST
2685 4685 6685	NPP14	K	032	Promote “Topic of the Month” within the FSDO area.	1 per FSDO, per month, per FY (except for Oct. 2013)	09/15/14	OR0010