

Transforming GA: Five-Year Strategy

Presented to: NTSB GA Safety Forum
By: Mel Cintron, AFS-800
Date: June 2012



Federal Aviation
Administration



General Aviation Safety Vision

Working with the GA community:

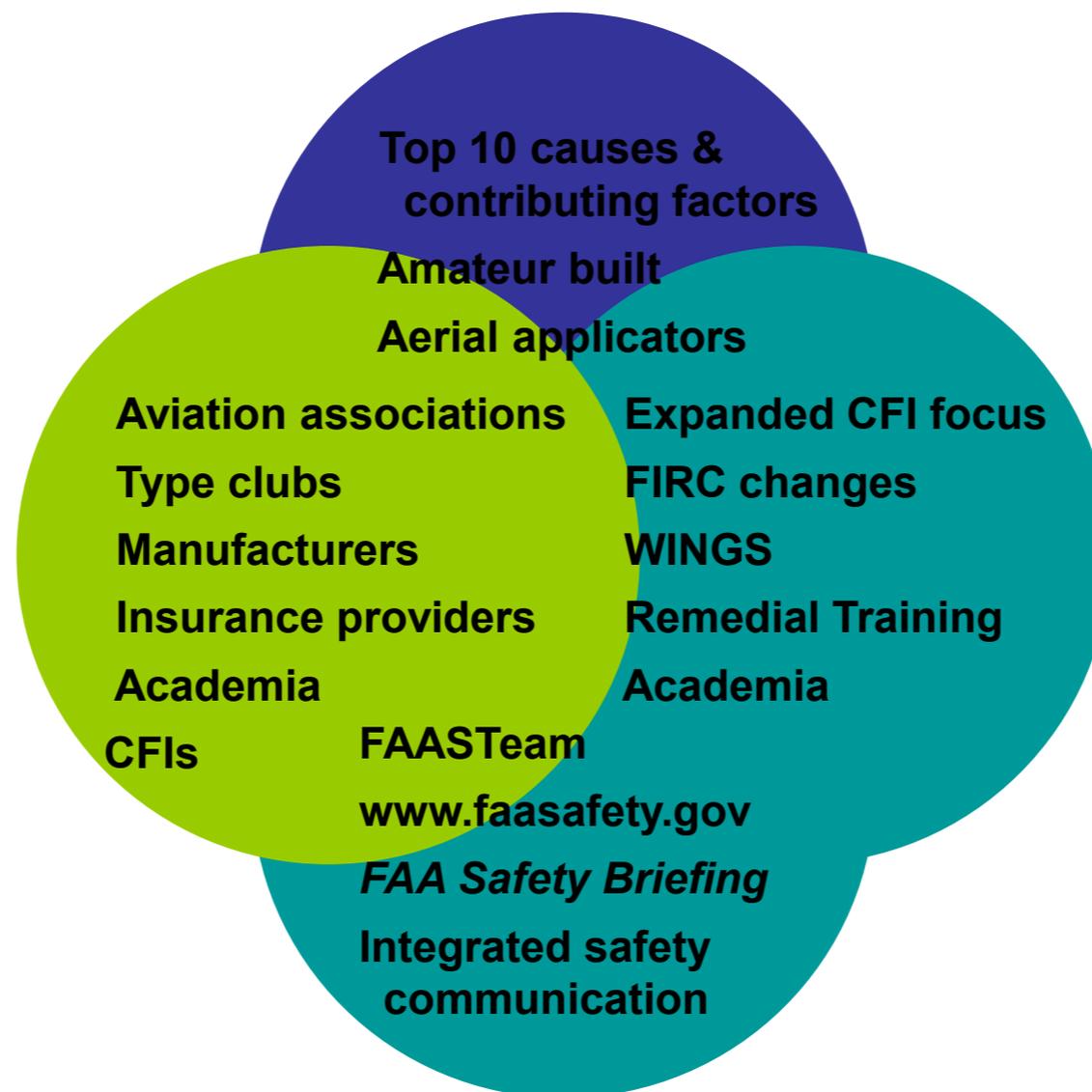
- **To transform GA safety**
- **To reduce the GA fatal accident rate to an unprecedented low level.**



Transformation Approach

RISK MANAGEMENT (Identification and Mitigation)

OUTREACH AND
ENGAGEMENT



TRAINING

SAFETY PROMOTION



Risk Identification & Mitigation

The Plan	Actions Taken/Completed
<p>Risk Identification and Mitigation Working with GAJSC: Identify top 10 fatal GA accident causes + contributing factors Develop mitigation strategies</p>	<p>Restructured GAJSC (CAST-type approach) for better focus and impact Identified loss-of-control (LOC) as the #1 causal factor in GA fatal accidents LOC recommendations now under review</p>
<p>Amateur Built Aircraft Establish FAA/industry workgroup on this issue Implement and measure impact</p>	<p>Established FAA/industry workgroup including AB manufacturers, type clubs, etc. AC 90-109, Airman Transition to Experimental or Unfamiliar Airplanes Regular workgroup meetings/discussion</p>
<p>Aerial Applicators Establish FAA/industry workgroup on this issue Implement and measure impact</p>	<p>Revised Aerial Application training for ASIs, using web and classroom delivery Revised ASI guidance to include operator tracking</p>



Training

The Plan	Actions Taken/Completed
Expanded CFI Focus	
Update & improve FIRC	<p>FIRC - AC 61-83G - <i>Nationally Scheduled FAA-Approved Industry-Conducted Flight Instructor Refresher Course</i> - Sept 2011</p> <p>Includes CFI professionalism as a core topic</p>
Improve testing/training	<p>Airman Testing Standards & Training ARC chartered to recommend improvements to the FAA's pilot/instructor knowledge standards, training, and testing materials</p> <p>The FAA is evaluating recommendations</p>
CFI renewal changes as needed	<p>Now reviewing CFI recurrent training and renewal requirements</p> <p>Plan for initial CFI certification by core AFS cadre to improve standardization and quality</p> <p>Similarly, DPE / DME oversight plan developed for the DPE / DME community</p>



Training (cont'd)

The Plan	Actions Taken/Completed
<p>WINGS Pilot Proficiency Program Improve program to encourage greater participation</p>	<p>WINGS pilot proficiency program review 60% completed; 100% by Oct in collaboration with GA community</p>
<p>Remedial Training Revise compliance and enforcement order and inspector guidance to clarify remedial training policy & procedures Apply remedial training to operations, airworthiness (including runway incursions)</p>	<p>Changes to compliance and enforcement order plus inspector guidance now in FAA coordination. New draft guidance reflects remedial process for operations and airworthiness (including runway incursions).</p>
<p>Academia Establish & institutionalize ongoing engagement Identify areas for collaboration for GA safety enhancements</p>	<p>First-ever FAA/Academia Symposium held in July 2011; 47 schools with 141 flight training programs attended. Also included international participants.</p>



Training (cont'd)

The Plan	Actions Taken/Completed
Additional Guidance	<p>AC 90-109 - <i>Airmen Transition to Experimental or Unfamiliar Airplanes</i> – March 2011</p> <p>AC 61-98B, <i>Currency Requirements and Guidance for the Flight Review and Instrument Proficiency Check</i> – April 2012</p> <p>61-107A - <i>Operations of Aircraft at Altitudes Above 25,000 feet MSL and/or Mach Numbers (Mmo) Greater than .75</i></p>



Safety Promotion

The Plan	Actions Taken/Completed
Integrate Safety Communication	
FAASafetyTeam + Website Refocus national program Leverage industry relationships and products Consider reviving Pilot Aircraft Courtesy Evaluation (PACE) Improve www.faasafety.gov	Refocused FAASTeam on GA, accident reduction, and outreach. Partnered with industry to develop and present annual safety standdown events Streamlined www.faasafety.gov for ease of access and made multiple content upgrades
FAA Safety Briefing magazine	Targeted information/resources on accident causes, mitigation strategies, and training Added a helicopter specific column Expanded use of social media to target un-reached members of the GA community



Outreach and Engagement

The Plan	Actions Taken/Completed
<p>Aviation Associations Hold 5 year plan discussions with all major groups Identify areas of synergy and joint outreach and interventions</p>	<p>Strengthened links and engagement with aviation associations to ensure capitalizing on mutual efforts on GA accident reduction, recognizing roles and responsibilities.</p>
<p>Type Clubs Work with aircraft registry to facilitate type club access for their outreach efforts Perform similar review outreach to new A/C owners to promote awareness of type clubs</p>	<p>Improved FAA registry accessibility to allow more streamlined access to public data for type club outreach efforts Improved interaction and communications with type club community Type club coalition [TCC] has been formalized and continues to grow in scope, members, and safety activities</p>
<p>Aircraft Insurance Providers Identify key participants and areas of possible contribution Seek support and gains for industry/GA strategy participants</p>	<p>Reached out to major aviation insurance providers</p>



Summary of Key Elements

- **Identification of risk and risk mitigation strategies**
- **Focused outreach, training, and engagement**
- **Coordination across FAA lines of business**
- **Partnership with the GA community**
- **Non-regulatory approaches**

Continuing Work

Implement loss of control mitigation strategies.

Continue amateur-built (AB) focus by developing measures of success

Accident investigation:

- Complete accident investigation job aid for ASIs

- Consider dedicated AFS accident investigation inspectors (two per region) for standardization, quality assurance, and regional support/AVP support

- Train core cadre of Flight Standards accident investigators for dedicated/primary accident investigation role

Implement CFI community recommendations

Evaluate “circle of safety” concepts

Improve marketing of safety message and awareness to reach the “un-reached” members of the GA community

Questions

