



Federal Aviation
Administration

FAA - Rotorcraft Rotorcraft Safety Initiative



Presented to: EASA Rotorcraft Symposium

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Rotorcraft Safety Initiative (RSI)

What can we accomplish to strengthen our programs and strategies to reduce FATAL helicopter accidents?



RSI Initiative Narrative

FY13 Fatal helicopter accidents trended towards unexpected levels.

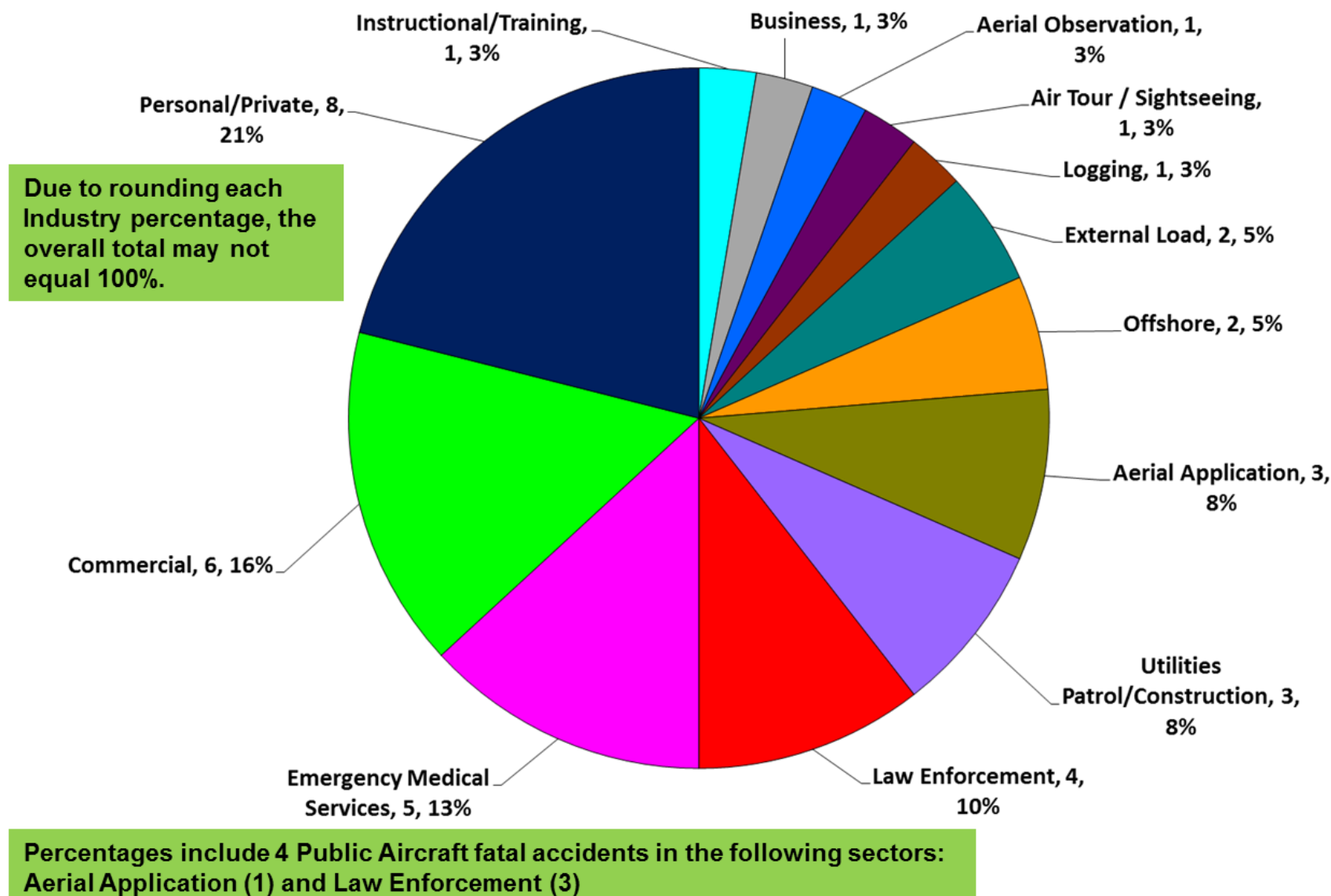
From 01 October 2012 to 30 September 2013, the U.S. helicopter industry experienced 38 fatal helicopter accidents, a 100% increase over the same period in FY12 (19).

These accidents resulted in 76 fatalities which is 95% higher than the same period last year (39 fatalities).

The FY13 Fatal Accident count is the highest count since 1994.
The Fatality count is the highest count since FY08.

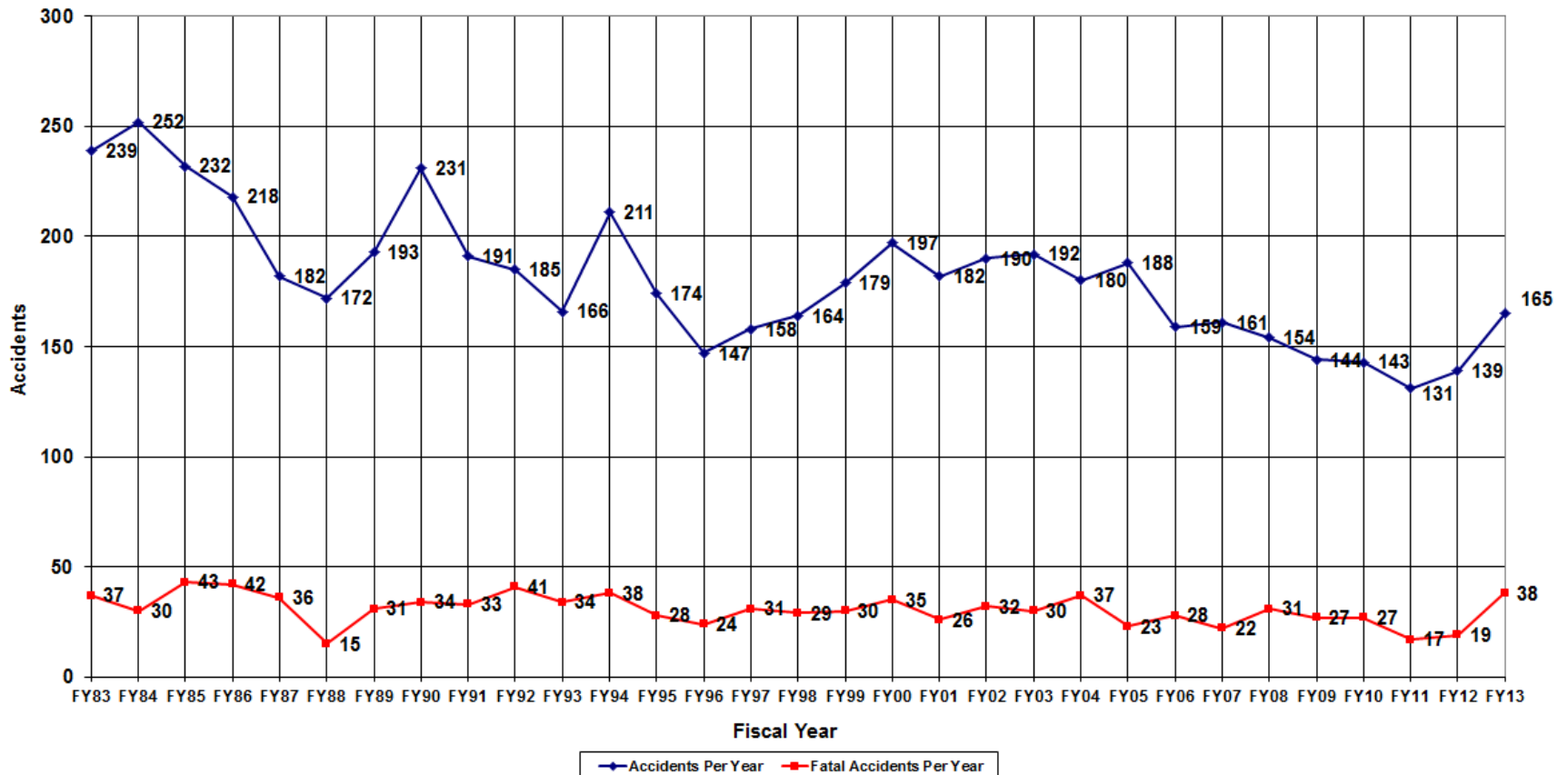


FY 13 – Total FATAL Accidents by Industry (Oct 2012 – Sep 2013)



Rotorcraft Safety Initiative

U.S. Registered Rotorcraft Accidents FY83 - FY13



FAA Rotorcraft Safety Initiative

| | Safer Skies FY 1983 – 1987 | Post Safer Skies FY 1988 - 2012 | RSI FY 2013 YTD | 15 yrs after FY 2014 - 2028 | 1983 - 2028 Total |
|------------------------|-------------------------------|------------------------------------|--------------------|--------------------------------|----------------------|
| Accidents | 2951 (196.73) | 2503 (166.87) | 155 | 2500+ | 8,100+ |
| Fatal Accidents | 497 (31.13) | 412 (27.47) | 35 | 400+ | 1300+ |
| Fatalities | 934 (62) | 845 (56.33) | 72 | 800+ | 2600+ |

Note: Figures in (XXX) are averages



Rotorcraft Safety Initiative (RSI)

- In a independent/internal effort, the FAA is looking for ideas, concepts and suggestions on how we can maximize the efforts that we have in place to do so, or implement new strategies to reduce the **FATAL** helicopter accidents.

Equipage

Policy

Medical

Technology

Regulatory

Internal Optimization

NORSEE

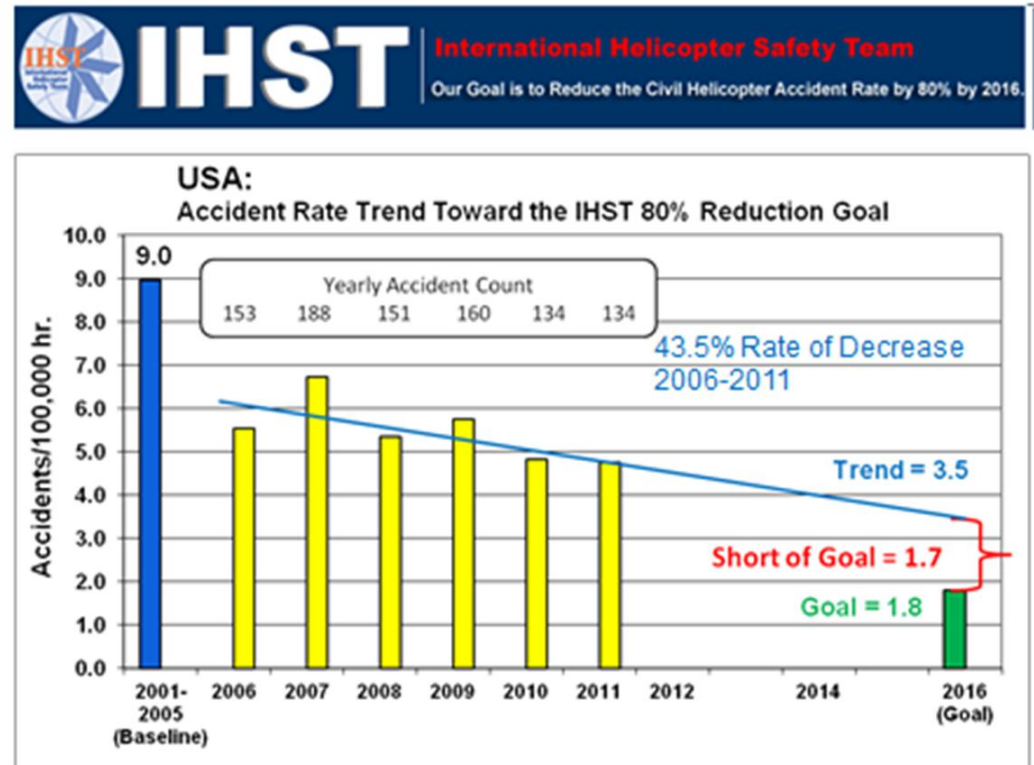


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International Helicopter Safety Team (IHST)

As a member of IHST, the FAA has accepted the goal to reduce the helicopter accident rate by 80 percent by 2016.

RSI focus is on Fatal accidents ONLY.



Questions?



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Backup Slides



RSI Team

Aviation Safety - Lead

AIR – Scott Tyrrell (Rotorcraft Directorate)

Team Members

- **AIR** – John Van Houdt, Sharon Miles, Tyrone Millard (ASW110)
- **AVP** – Tony James, Matt Rigsby, Sean Haffner
- **Flight Standards 820** – Ellen Turcio
- **Flight Standards 320** – Dale Hawkins
- **Subject Matter Experts:**
 - Dan Black, Lee Roskop (ASW112)



Team Outreach

- **Flight Standards**
- **Rotorcraft Directorate**
 - Rotorcraft Standards Staff
 - Rotorcraft Certification Office (ASW-170)
 - Other offices (AEG, MIO, ASW150 and ASW190)
- **CAMI**
- **Transportation Safety Institute**
- **ACOs**
 - Boston Atlanta
 - LA Seattle
 - Chicago Alaska
- **CMTs**
 - Air Methods and PHI



The most devastating tragedy of an aircraft accident happens if we **fail** to learn something!



Nobody cares what you did yesterday or what you are going to do tomorrow.

What is important is what you are doing – NOW – to solve our problem.

