



National  
Transportation  
Safety Board

## Presentation to Wichita Aero Club

Robert L. Sumwalt, III



Wichita Aero Club, August 7, 2013





Our greatest virtues:  
Independence  
Credibility

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## The Board



Mark Rosekind



Chris Hart



Debbie Hersman



Robert Sumwalt



Earl Weener

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Our biggest strength:  
Our experienced staff

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## NTSB's Wichita Stars



John Clark

Dennis Crider

Loren Groff, Ph.D

Joe Sedor

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NTSB  
Most Wanted List

Critical changes needed to reduce transportation accidents and save lives.

National Transportation Safety Board

- Airport surface operations
- General Aviation safety
- Eliminate distraction
- Fire safety
- Bus safety
- Infrastructure
- Substance-impaired driving
- Pipeline safety
- Collision avoidance (highway vehicles)
- Positive Train Control

Critical changes needed to reduce transportation accidents and save lives.

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## Airport Surface Operations



## GA Safety



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## All GA Accidents



13

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## GA Accident Rates



14

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On a normalized basis of flight hours flown,  
the GA accident rate is 40 times greater than  
for U.S. scheduled air carriers.

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## What is General Aviation?



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## NTSB's Recent GA-related Activities

### 2010

- Study of Introduction of Glass Cockpit Avionics into Light Aircraft

### 2011

- Study of Airbag Performance in GA Restraint Systems
- Placed GA Safety on NTSB's Most Wanted List

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# NTSB's Recent GA-related Activities

2013

## Five Foes of GA Safety Videos



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## Experimental Amateur-Built (EAB) Aircraft

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## As part of the study...



- NTSB investigators traveled to every EAB aircraft accident that occurred in 2011 in the US.
- 227 aircraft involved

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## E-AB Accidents are over-represented

- EAB aircraft represent nearly 10% of the US GA fleet
  - These aircraft account for approximately 15% of all GA accidents
  - 21% of fatal GA accidents

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## EAB Study Concluded with:

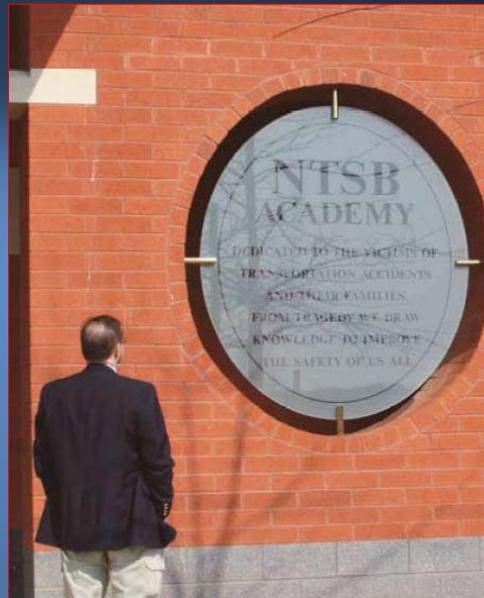
- 16 Findings
- 16 Recommendations
  - 12 to FAA
  - 4 to EAA



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- “From tragedy we draw knowledge to improve the safety of us all.”



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