



Loss management
Risk management or

Why do they keep crashing ??

Bruce Landsberg
Senior Safety Advisor



0 annual hours + Premium = \$\$\$\$\$



Game of chance or skill ??




Risk assessment



38th AIA CONFERENCE
May 1-3, 2015
The International Air Transport Association

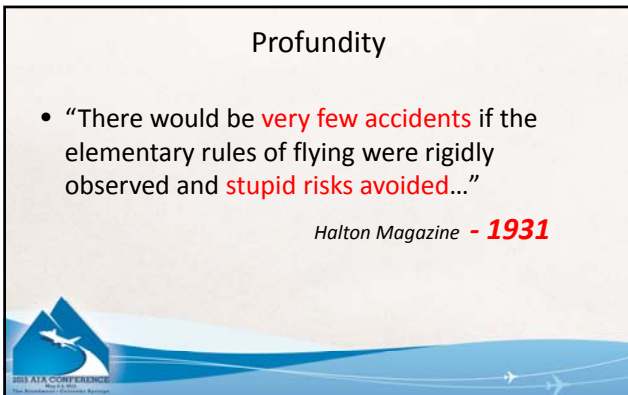
- “After the ship is sunk everyone knows how she might have been saved...”
Italian proverb



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Profundity

- “There would be **very few accidents** if the elementary rules of flying were rigidly observed and **stupid risks avoided...**”
Halton Magazine - 1931



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A normal risk ?




You can only tie the record...








“Danger is relative and inexperience can be a magnifying glass...”



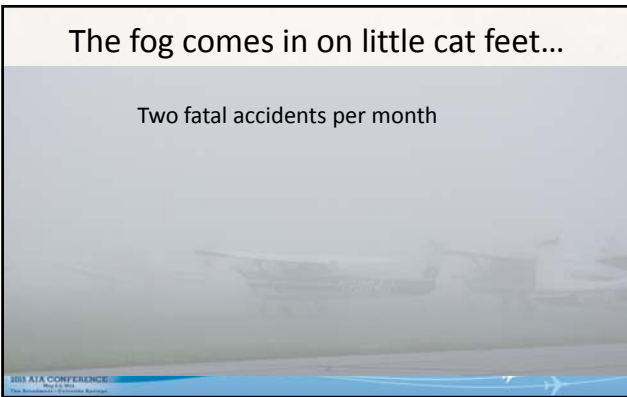
Charles Lindbergh

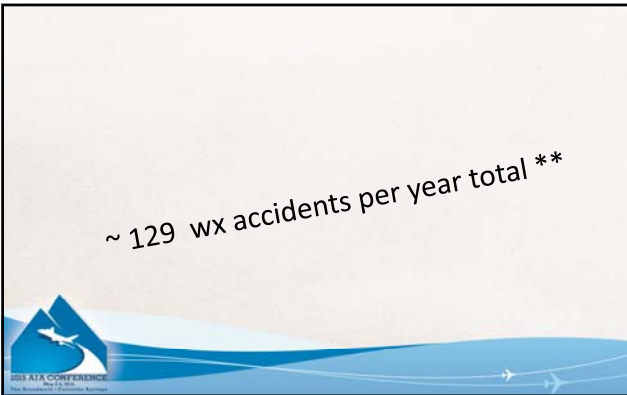


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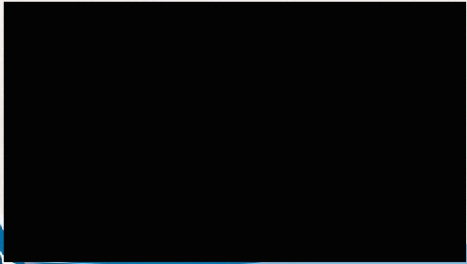









Flying Blind



2015 AIA CONFERENCE
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Forecast Validity ???

- Criteria for Airmets
- FAA not following its own rules for pireps
- Forecasters busy
- Pilots are not meteorologists.



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It's all about angles !!!



2015 AIA CONFERENCE
May 1-3, 2015
The International Association of Pilots

The facts for 2003 – 2012
How many Stall Accidents?
~ 939
2 / week !!!



2013 AIA CONFERENCE
May 19-21, 2013
The Evolution of Airline Aviation


This ain't how it happens....



2%

2013 AIA CONFERENCE
May 19-21, 2013
The Evolution of Airline Aviation

School Daze



2013 AIA CONFERENCE
May 19-21, 2013
The Evolution of Airline Aviation

Wings – they're different !!





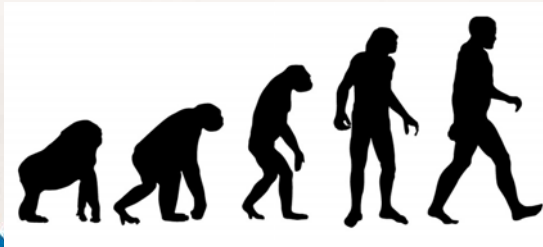
Got Gas ?



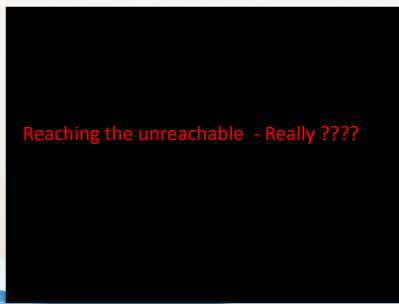
Do you feel Lucky ??
M4 aircraft, Cessna 400 series...



Are you smarter than your grandfather ?



You can't Fix Stupid



Profundities

- “There is no problem so complex that it simply cannot be blamed on the pilot....”

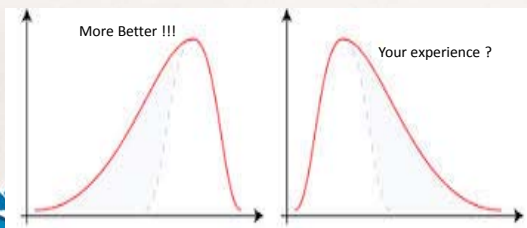
Dr. Earl Weiner, NTSB



Data driven ?



So, You think you're better...?



Game of chance or skill ??



Getting real numbers

- Risk Assessment Consortium?
- Quick results
- Anonymity Preserved
- Cost Effective



The Recipe

- Add claims experience
- Pool data
- **Mix thoroughly**
- Analyze & Eat
- Evaluate results.



Legacy aircraft initiative

- FAR Part 23 and beyond....




The perfect is the enemy of the good...

- Reliability



The approved version





Experimental - \$7,000 –designed in ~ 2009
Thousands delivered

Garmin 700 series

Approved - \$30,000 – designed mid 70's
Thousands delivered

KFC 200




Substitute "certified equipment for HAL 9000 series.."




.9999999 vs. 99999 vs. 9999



Going forward or status quo..?

- Causal factors remain mostly the same
- Will we innovate ?
- Your thoughts?



Thank you for all you do !!!



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