Aug 14th, 8:30 AM - 9:00 AM

Welcome & Symposium Overview

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Welcome to the beautiful (and warm) Daytona Beach campus

We’re happy to host the 2017 NTAS gathering

- Great agenda which promises discussions beneficial to all
- Excellent speakers
- Poster session
- Wright Flyer
- Photos with Orville and Wilbur
• Why NTAS thirty years ago?
  – Because of existing product liability laws, major aircraft manufacturers quit manufacturing GA training aircraft.
  – Operators (trainers and educators) needed to gain information on what was out there.

• Where did it start?
  – Parks College of Saint Louis University
  – Moved to CMSU in 1991
  – Then to ERAU in 1998
Biology of Learning

Dr. John Medina
LEARNING IS AN EMOTIONAL EXPERIENCE

"Distance between a neuron and a chalkboard..."
When you unexpectedly encounter a creature that you are unfamiliar with, you quickly ask yourself three questions:

Will it eat me?

Can I eat it?

Can I mate with it?
NTAS 2006
VLJ

Eclipse 500

Piper Jet

Cirrus SF 50 Vision Jet

Cessna Mustang 510
NTAS 2008
New hire Pilot Yield
The Pilot Production Pipeline & Industry Cyclicality
- Became the Pilot Source Study
  - Informed Congress and HR 3371 (resulting from Colgan accident)
  - Language friendly to aviation higher education became part of the bill
  - Became part of PL 111-216
  - Informed the FO ARC

- Led to the R-ATP rule in the FAA (1,000 hrs rather than 1,500 hrs)
NTAS 2009
Safety Management Systems (SMS)

- SMS for:
  - Airlines
  - Maintenance
  - Education
Forthcoming NPRM on FO Qualifications

- Help participants respond to NPRM
- Create an understanding among employers
- Create an understanding among education and training providers
- Discuss potential equipment issues
• Presentation by Barbara Adams, FAA
  – Pilot Certification requirements Final Rule (July 15, 2013)
  – Section 216 (ATP Certificate)
  – Section 217
    • Revise the requirements for an ATP certificate
    • Allows for a reduction in the 1,500 hours required for an ATP certificate based upon academic coursework
Final Rule Provisions

Permit issuance of a restricted privileges ATP certificate

<table>
<thead>
<tr>
<th>Military</th>
<th>750 hours</th>
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</thead>
<tbody>
<tr>
<td>Bachelor’s Degree w/ aviation major</td>
<td>1,000 hours (60+ aviation credits)</td>
</tr>
<tr>
<td></td>
<td>1,250 hours (30+ aviation credits)</td>
</tr>
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<td>Associate’s Degree w/ aviation major</td>
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</tbody>
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*Final Rule effective date: July 15, 2013*
NTAS 2015
Pilot Supply

• Regional Airlines
• Major Airlines
• ALPA
• Educators and Trainers
• ATP/CTP Experience report
• Simulation and Training
  – ADS-B
• Dr. Carolina Anderson – Session 1 Moderator
  Advances in Flight Training