

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

Welcome & Symposium Overview

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EMBRY-RIDDLE
Aeronautical University.

NTAS 2017



30 Years of Enhancing Aviation | 1987 - 2017

National Training Aircraft Symposium

Celebrating 30 Years of Enhancing Aviation (1987 – 2017)

- 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



National Training Aircraft Symposium

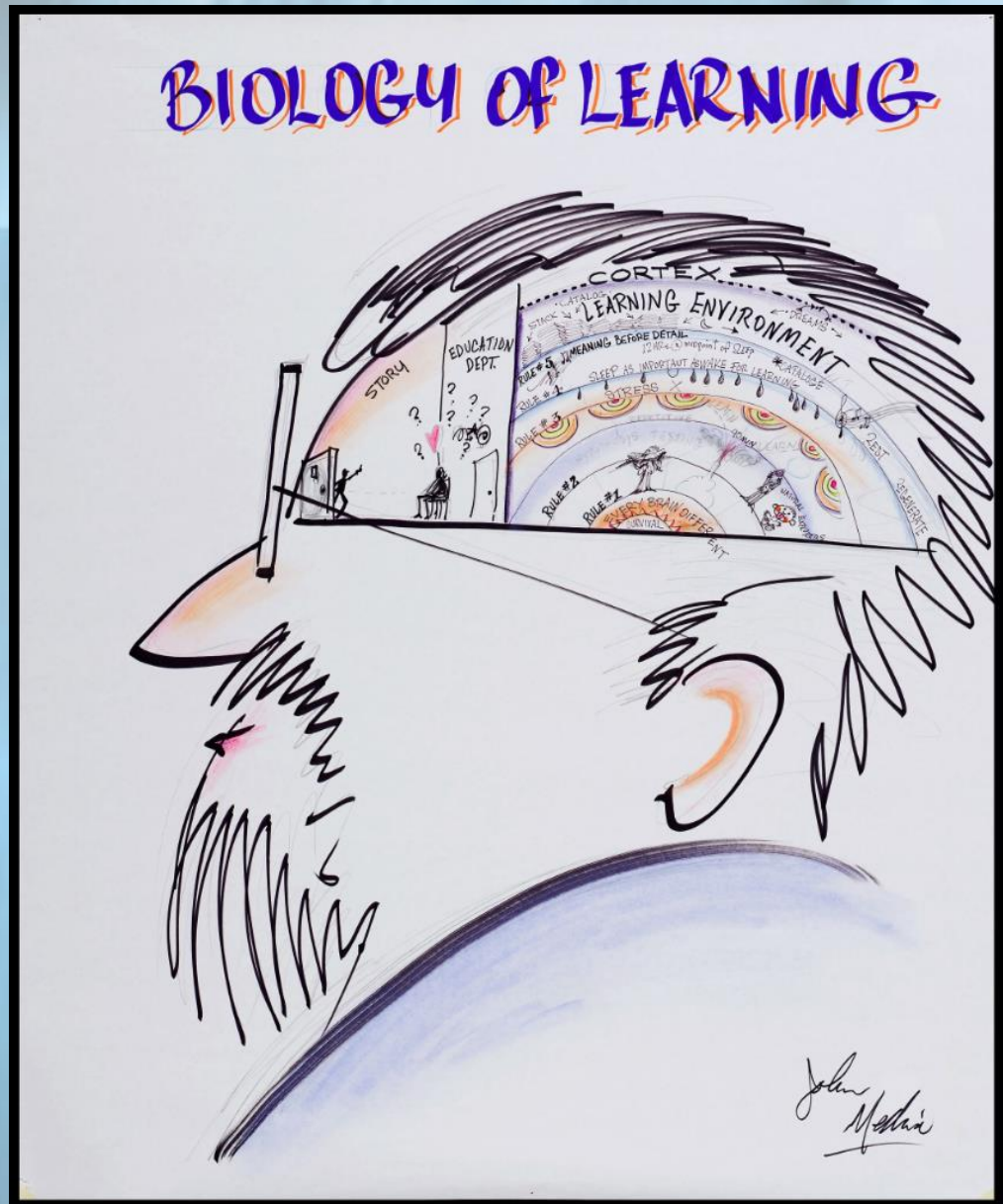
Celebrating 30 Years of Enhancing Aviation (1987 - 2017)

- 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

NTAS 2005

Dr. John Medina
Brain Science

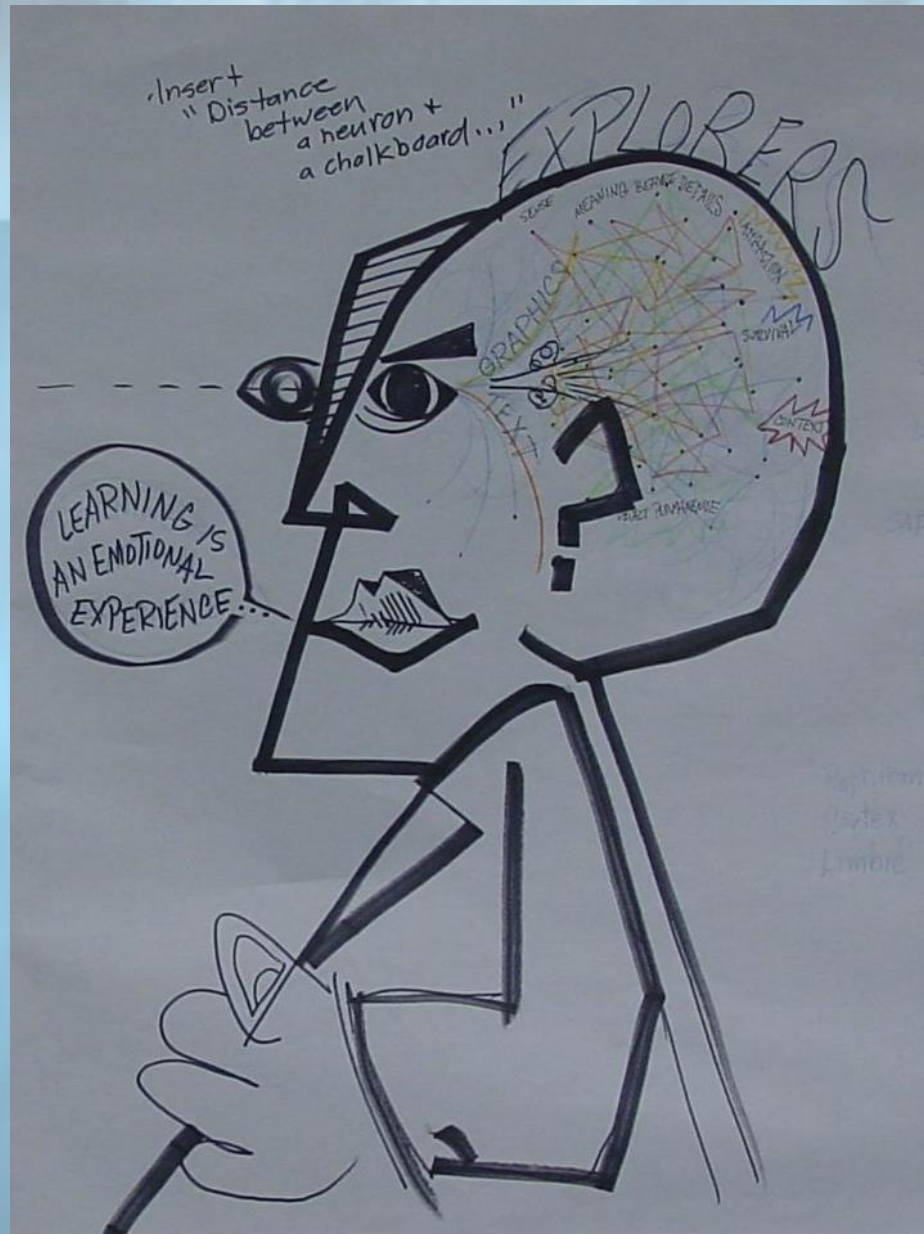
Dr. John Medina



NTAS 2005

Dr. John Medina

Brain Science



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 Cyclicalty



- 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

NTAS 2011

First Officer Qualification

Notice of Proposed Rulemaking

- 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

NTAS 2013

Special Edition (Orlando – August)

- 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

Military	750 hours
Bachelor's Degree w/ aviation major	1,000 hours (60+ aviation credits) 1,250 hours (30+ aviation credits)
Associate's Degree w/ aviation major	1,250 hours (30+ aviation credits)

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

National Training Aircraft Symposium

Celebrating 30 Years of Enhancing Aviation (1987 - 2017)

- Dr. Carolina Anderson – Session 1 Moderator
Advances in Flight Training