

# **Destination *Certification***

*Standardizing our Workforce  
Addressing Industry Challenges*

**Commercial Aircraft  
Composite Repair  
Committee**

**November 14, 2007**

**Brian Finnegan, A&P  
President, Professional Aviation  
Maintenance Association**

# **Brian Finnegan, A&P**

- President – **Professional Aviation Maintenance Association (PAMA)**  
since March 2000
- Accident Reconstructionist
- **Materials Analysis, Inc.**  
Aviation and industry accident investigator and expert witness
- Manager, **Air Safety Investigation, Textron Lycoming**  
Engineering/safety/legal liaison  
Oversaw 750 Field Investigations
- Air Safety Investigator – **The Cessna Aircraft Company**  
On-scene aircraft accident investigator with NTSB, FAA, police – 85 on-scene mishaps
- Field Service Engineer – **McDonnell Aircraft Company**  
F/A-18 Hornet fighter aircraft with USN, USMC, Spanish Air Force
- **Embry-Riddle Aeronautical University** – A&P, BSAMM





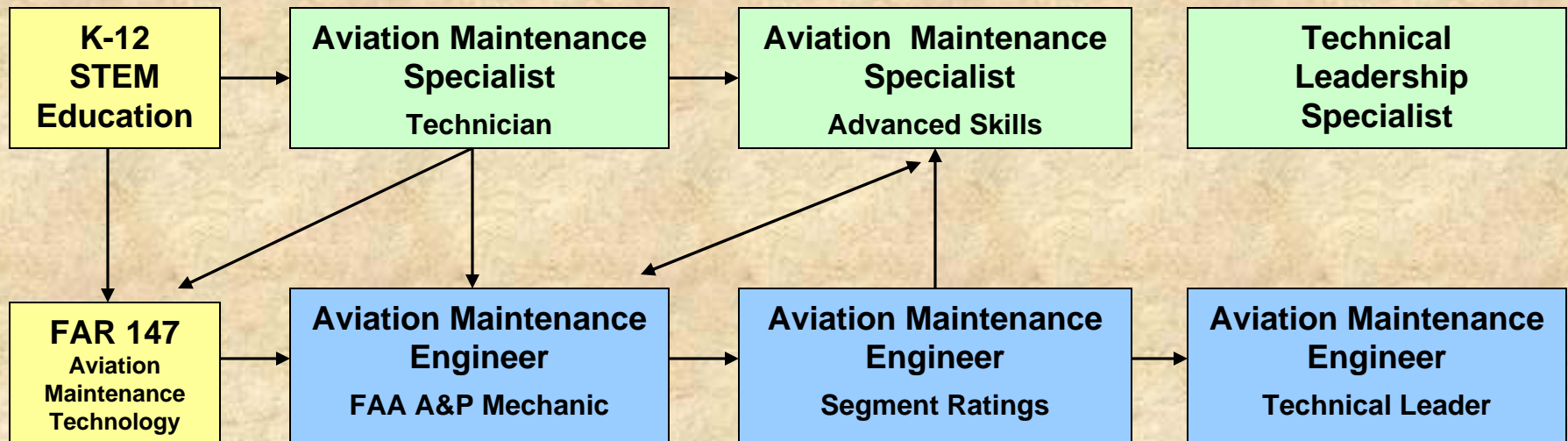
# *What is PAMA/SAE Certification?*



- Series of aviation maintenance credentials
- Validates baseline to specialty skills
- Offers a clear value proposition industry “pull-through”
- Provides a visionary career path
- Tests the technician’s knowledge and skills
- PAMA/SAE Institute Certification augments FAA certification



# *PAMA/SAE Institute* Aviation Maintenance and Production Certifications



# ***What PAMA/SAE Certification does***

- **Improves safety by adding a layer of safety against the “Worst Case Scenario.”**
- **Reduces expenses and Improves operational readiness.**
- **Lowers insurance costs...AIG Aviation onboard!**
- **Establishes the state of the art for aviation maintenance knowledge, skill and attitudes.**
- **Documents minimum regulatory compliance.**
- **Provides a method of continuous qualification and monitoring.**
- **Supports ISO-type organization quality standards, including Safety Management Systems.**
- **Is peer-reviewed regularly to maintain advancing standards.**

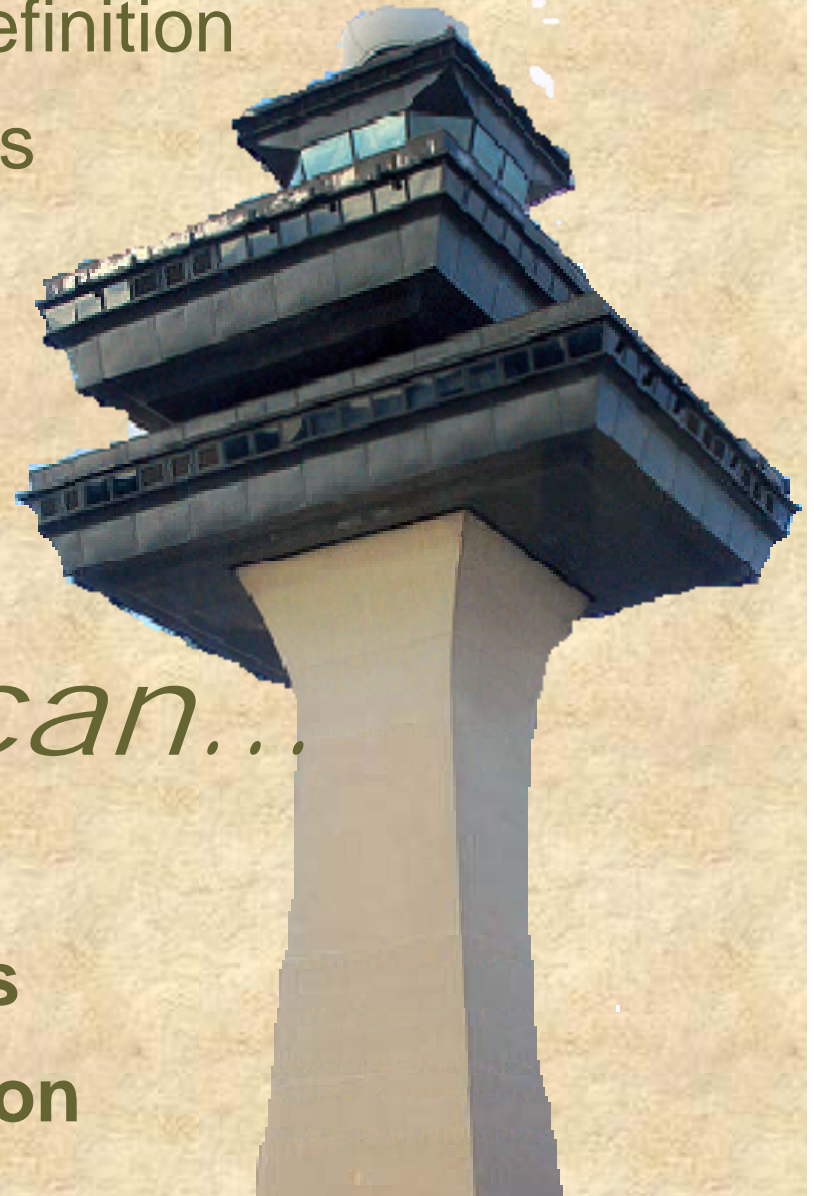


# *We need CACRC to...*

- 1. Identify Objectives – Test Definition**
- 2. Standardize Skills – AIR docs**
- 3. Produce Exam – JTA/Test Blueprint/Test Item Writing**
- 4. Enlist Candidates – Drive Industry Support**

# *So PAMA/SAE can...*

- 1. Qualify Training Providers**
- 2. Certify Approved Applicants**
- 3. Ensure Continuous Education**



*Why this process works...*  
*...and is Legally Defensible*



**Industry Consensus on  
a Body of Knowledge**

**Utilizes Subject Matter  
Experts**

**Follows a Globally  
Recognized Process**

**Mitigates Risk**

A high-speed photograph of a water droplet falling into a pool of water. The droplet is suspended in mid-air, just above the surface, and has just made contact, creating a series of concentric ripples that spread outwards. The background is a soft, out-of-focus greyish-blue.

**This is what we need you to do...**

**Personally Commit**

**Get Involved**

**Spread the Word**

*"Never doubt that a small dedicated group of people can change the world; indeed it is the only thing that ever has."*

Margaret Mead



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