Future of Aviation Maintenance

NBAA Project Bootstrap

Montreal, Canada, March 2, 2010
Maintenance - Training/Advanced Education subcommittee

Project Bootstrap is...

- Source for the new Industry certification
- Made up of maintenance training experts
- Steered by maintenance practitioners
- Overseen by individuals with multi-decade experience credentials as working aviation maintenance professionals
Project Bootstrap is AMTE

Project Bootstrap = AMTE

Formula:
Regulatory license (cert) i.e.

FAA A&P + NCATT AET = AMTE
Industry Impact of Project
Bootstrap – Retain & Attract

- First vertical career growth in fifty years
- Added value to the individual
- Added value to aviation business
- Increase Industry retention of valuable resources
- Increase of safety levels in the industry
- Great potential to draw young people into industry
**Project Functional & Organizational Chart**

**Project Bootstrap**

An NBAA lead Industry Coalition for the AMTE

- FAA/NATA/GAMA/OEM’s/EAA/AOPA
- Flt Safety/GJS/Simuflite/ATEC
- Industry Training Inst’s
- Reg Liaison/
- NCATT
- Test Cert Accred Tech Cert
- Admin Database
- AMTE Review Board
- Aviation Standards Group
- Academic Partners
- AABI/Purdue/EmbryRiddle
- Seminars & Conferences
- Customer Base
- Public Relations & Comm
- Lasergrade
- Tech Society’s/AEA
Our Primary Partner

NCATT
NATIONAL CENTER FOR AIRCRAFT TECHNICIAN TRAINING

www.NCATT.org
Primary Partner in NCATT

- Developer of Avionics Technical Standards
  - Curriculum, accreditation and certification
- Serving the aviation and aerospace industry
- Governed by the industry
- Non for profit

www.ncatt.org
NCATT Avionics Base Standard

AET Certification (Aircraft Electronics Technician)

• Endorsements
  – Radio Communication Systems (RCS)
  – Dependent Navigation Systems (DNS)
  – More in development
NCATT Avionics Milestones

Established in 2003 through a National Science Foundation grant

• Over 800 AET Certificates – Feb 2010

• AET Certified Technicians are currently found in 39 states and 3 countries
WHY NCATT For Project Bootstrap?

- Because their mission matches with ours
- AET certification program is complete with 800 AET’s certified to date
- Sole source for Int’l aviation industry certification / accreditation institution (non-regulatory)
- Partnership with all facets of the aviation industry
- Without Avionics Tech certification we have no AMTE certification
Project Bootstrap provides

- Career direction
- Career destination
- Career expansion
- Evolutionary growth for Maintenance Professionals
- New stimulus at career entry point
- Educational growth opportunities
- Added value to aviation business bottom line
- Increased performance in safety and quality
- Increased earnings potential for Maintenance Professional
DEDICATED TO HELPING BUSINESS ACHIEVE ITS HIGHEST GOALS.