FTS Biography

- Approved Training Organization
- Founded in 2002
- Based in Ontario, Canada
- 36 Aircraft types
- 75 Transport Canada Approvals
- 22 EASA/GCAA Approvals
- Recognized in 38 countries.
Fleet Rejuvenation

As per the 2017 Wyman report:

- 20,000 Aircraft added
- 17,000 New technology Aircraft
- By 2027 58% more fuel efficient aircraft
- By 2035 679,000 Technicians required
- Retiring and Fewer Technicians
Why is there a lack of interest?
How do we re-establish the Passion?
How do we re-establish the Passion?
Evolution of Maintenance Training
Evolution of Maintenance Training
PowerPoint
Evolution of Maintenance Training
Early Computer Based Training
Evolution of Maintenance Training
Modern Computer Based Training

- E-Learning
- Cloud Based

Knowledge Transfer
Decrease Cost
Evolution of Maintenance Training
Modern Computer Based Training
Evolution of Maintenance Training

The Technician
Evolution of Maintenance Training

Introduction of Virtual Training
Evolution of Maintenance Training
The Virtual and Augmented Reality
The Learning Pyramid

Active Teaching Methods

- Teach Others: 50%
- Practice by Doing: 75%
- Discussion Group: 50%
- Demonstration: 30%
- Audio/Visual: 20%
- Reading: 10%
- Lecture: 5%

Passive Teaching Methods
Maintenance Training
Burden or Asset?
Maintenance Training

- Dispatch depends on capability, skills and knowledge
- No Fault Found/premature removal reduced
- Managing complex systems
- Training enhances confidence
- Goal to lower costs
- Operators looking to lower costs but maintain standards
- Reduce delays
- How to stand out?
Future of Maintenance Training

• Future of Maintenance Training?
• Blended Learning Solution
• Mix of old and new
• Cutting edge learning environment
Conclusion

- Increasing Capabilities
- Promoting the industry
- Providing the tools
- Back bone of the MRO is the technician
- Ultimate goal, safety and security
- Embrace the technology
- Improve efficiency
Our Number 1 Priority
Safety!