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An Evolution in Regional Airline Training Programs

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REPUBLIC AIRLINE
A REPUBLIC AIRWAYS COMPANY

An Evolution in Regional
Airline Training Programs

A Brief History

- 1973: Chautauqua Airlines born in Jamestown, NY operating as Allegheny Commuter
- 1999: Chautauqua Airlines enters into the Small Jet Era with the Embraer 145 Family
- 2004: Chautauqua Airlines enters into the EJET Era with the Embraer 170 Family
- 2005: Shuttle America Corporation is purchased and Republic Airlines receives its Part 121 Operating Certificate
- 2016: Chautauqua Airlines is successfully merged with Shuttle America Corporation
- 2017: Shuttle America Corporation is successfully merged with Republic Airlines
- Present day: Republic Airline Inc.
 - @ 2200 Pilots
 - 175 Embraer 170 family of aircraft
 - Serving 106 markets in the USA, Canada, Caribbean, Central & South America

Historical Training Practices / Facilities

- Classroom
 - Overhead/Powerpoint
- Procedures Training
 - Paper Trainer/GFS
- Facilities
 - Leased space
 - Last facility
 - Opened February 2008
 - 20,000 SF
 - 9 Classrooms
 - 3 graphical flight simulators
 - 1 garage housing slide and door trainer
 - Limited Manager and Instructor space



Current Technology

- iPad / EFB



- Electronic Manuals / Memos
- Jeppesen Charts
- Weather Resources
- Electronic Forms
- LMS: Recurrent Computer Based Training

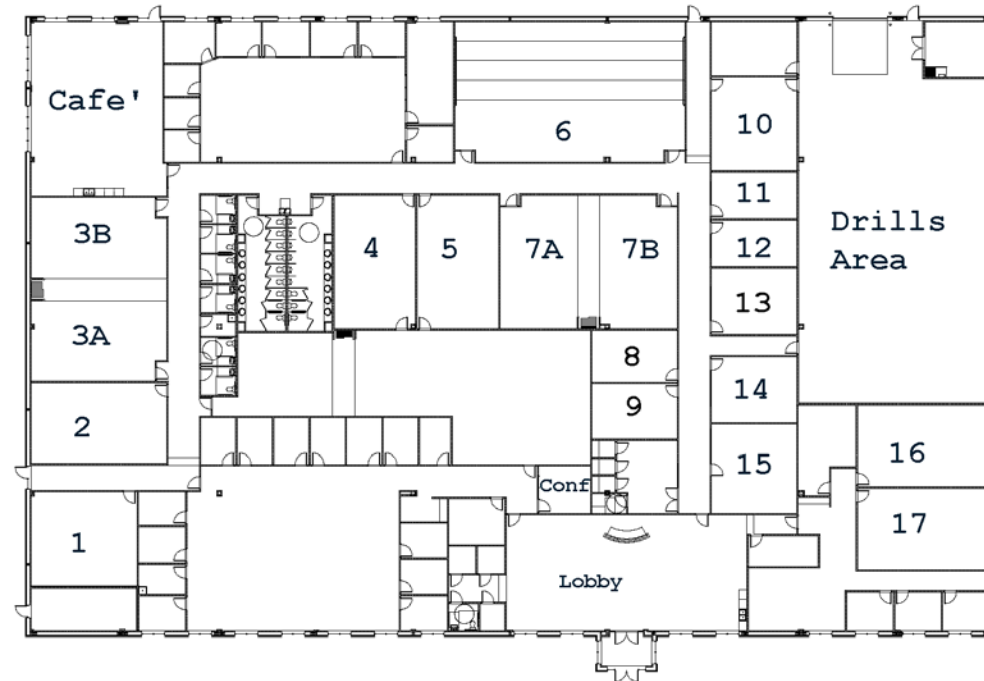
Recent Advancements in Training

- New Training Center

- Opened April 2016
- 40,000 SF
- 17 classrooms
 - Capable of holding 550 students at a time
 - All rooms enabled with wireless presenter view
 - 3 “Advanced Training Classrooms” to enable small group discussions/work
- 1 auditorium seating 98 students
- 1 hangar housing a complete cabin trainer
- 3 graphical flight simulators
- Full Business Recovery Center
- Office Space, Break Rooms, and Facilities to accommodate everyone



Overview



Overview



Overview



Overview



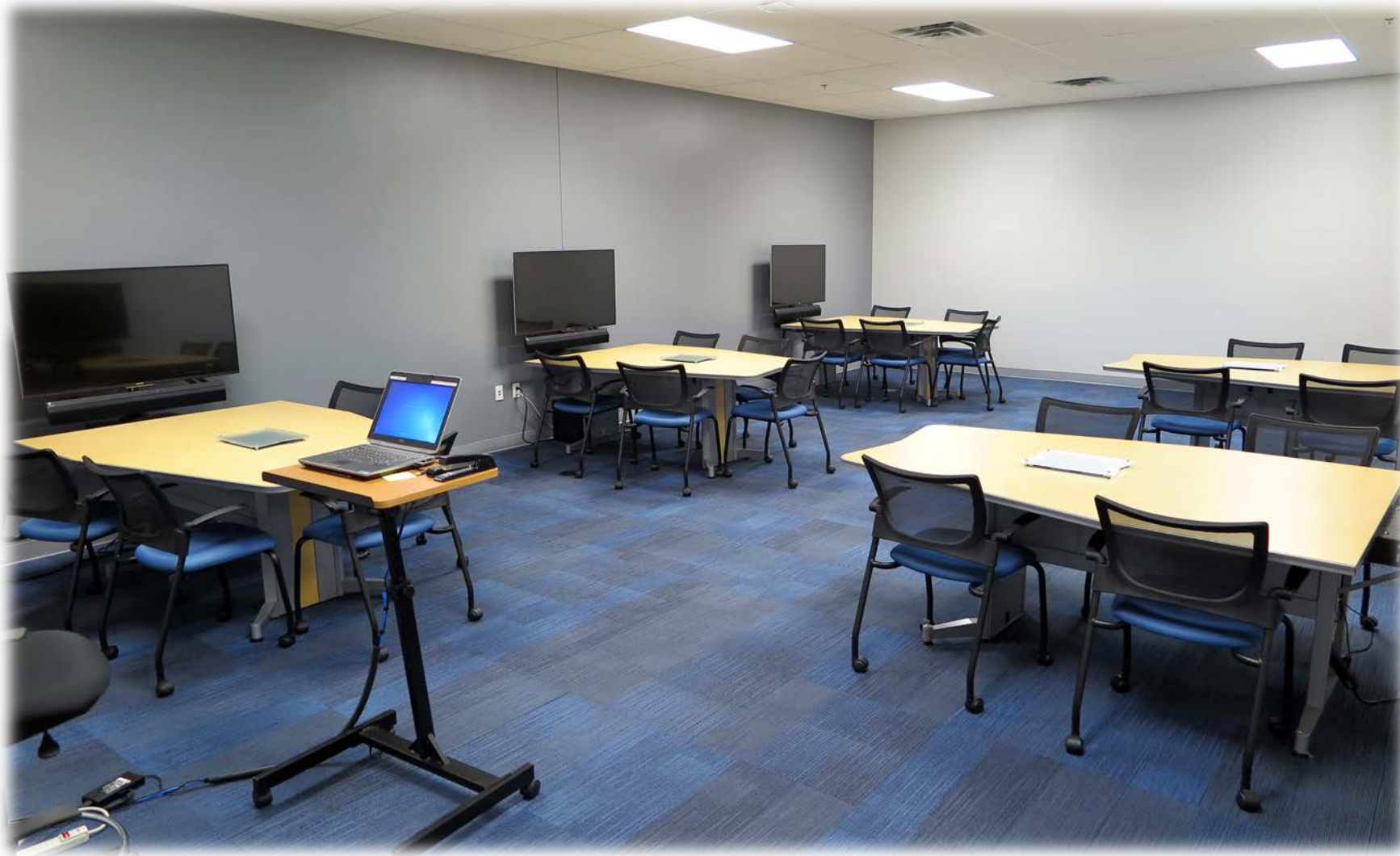
Overview



Overview



Classrooms



Classrooms



Hangar/Cabin Trainer

- [View Media 1](#)
 - » Hanger/Cabin Trainer

Benefits of New Training Center

- Location: Proximity to Airport
- Room to expand: Collocate Simulator Facility
- Size: 40,000 square foot
- Functionality: Provides space for Dispatch and Maintenance Training
- Flexibility: Cabin Trainer on-site (cross-utilization)
- Control: We control our own facility
- Backup: Turn-key Business Recovery Center
- Promotion: Recruiting offices on-site

Lessons Learned

- IT Weaknesses:
 - Wireless presenting can lag with presentations
 - Unable to present different content across multiple stations
- Property Weaknesses:
 - 1 year later, at times, it seems too small
 - Sound dampening is “key”

What's New on the Horizon?

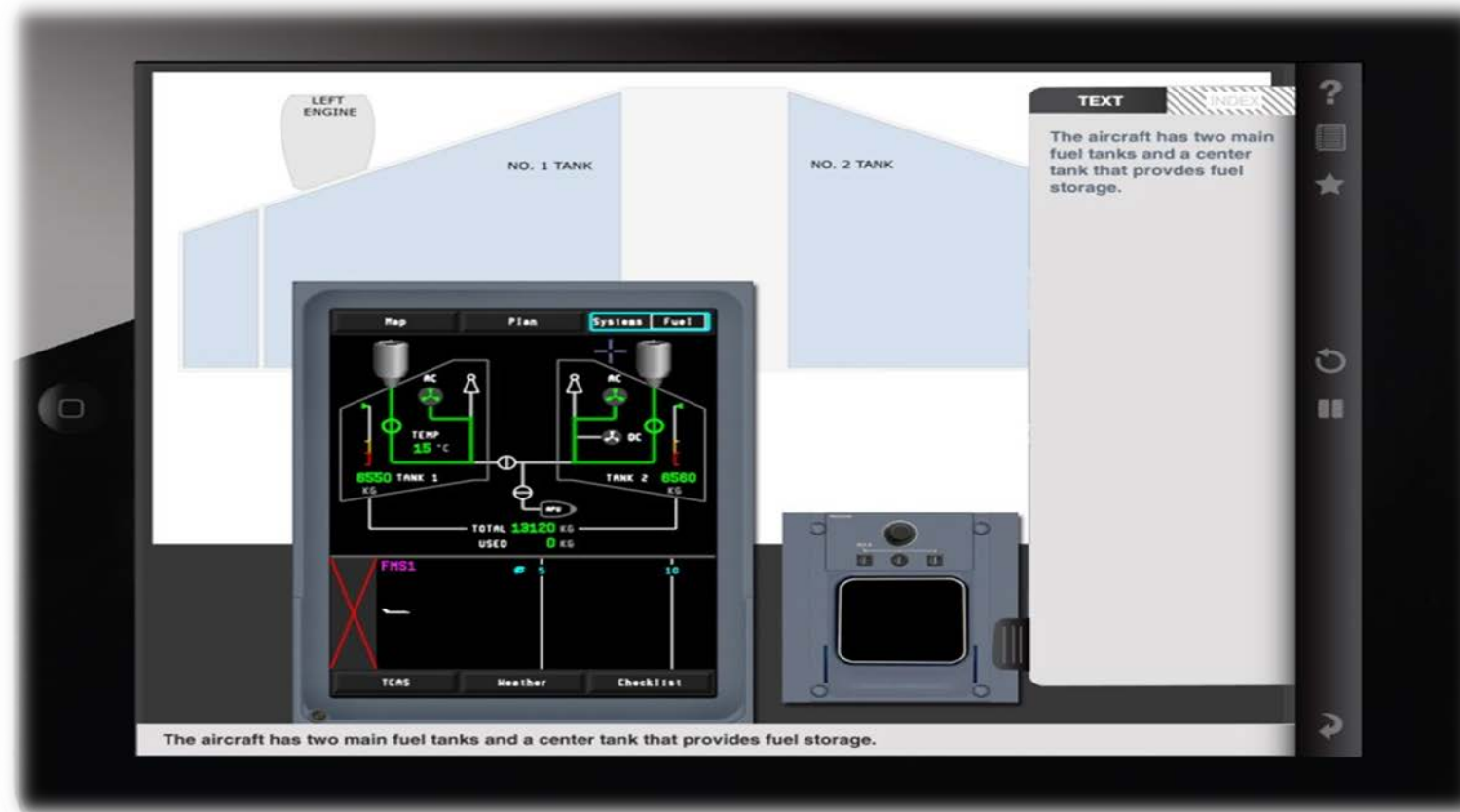
- Systems Knowledge Suite (Interactive)
 - Cockpit Familiarization
 - System Lessons
 - GOS Lessons
 - FMS Skills
 - Practice Exams





Cockpit Familiarization

An avenue of self study to prepare for the oral exam and checkride by providing functional descriptions of each switch, pushbutton, and light/annunciator in the flightdeck.



System & GOS Lessons

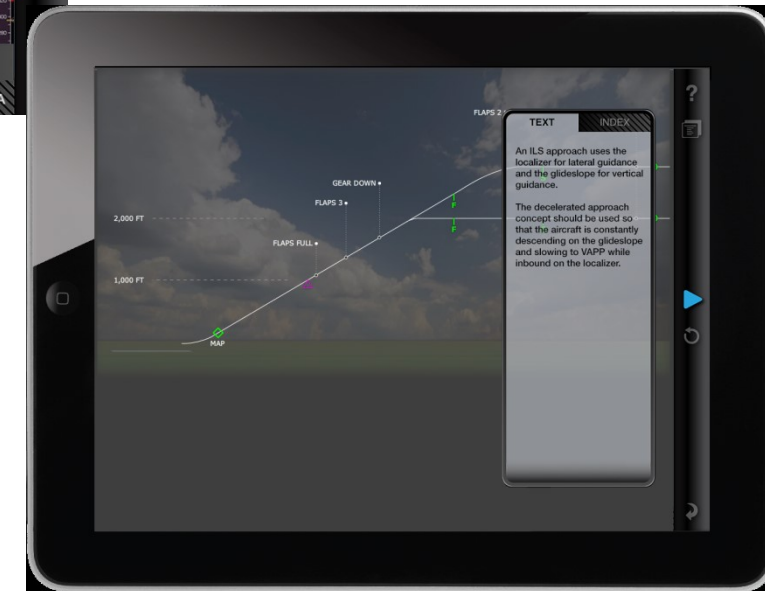
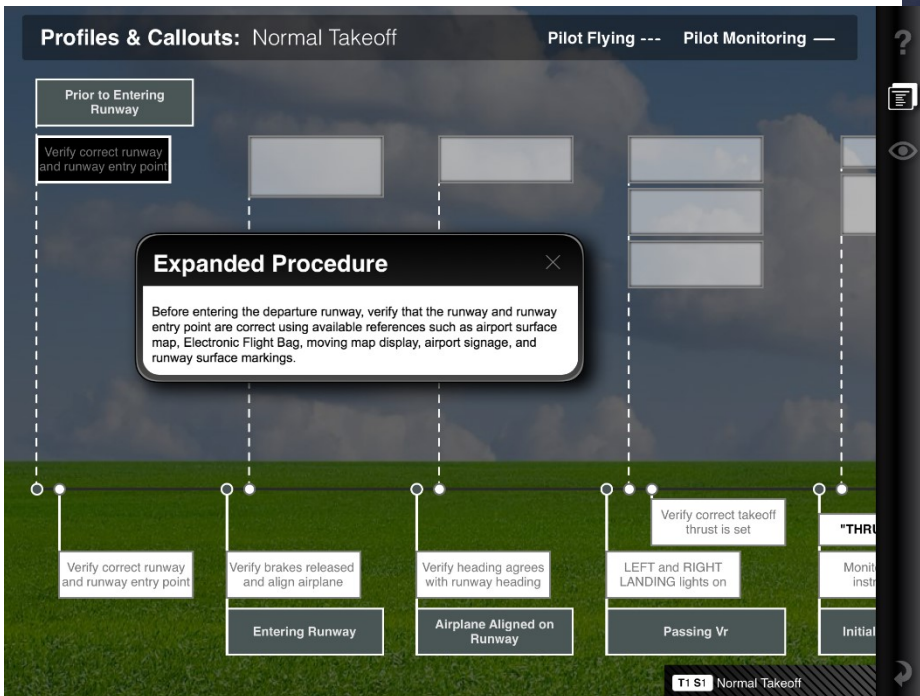
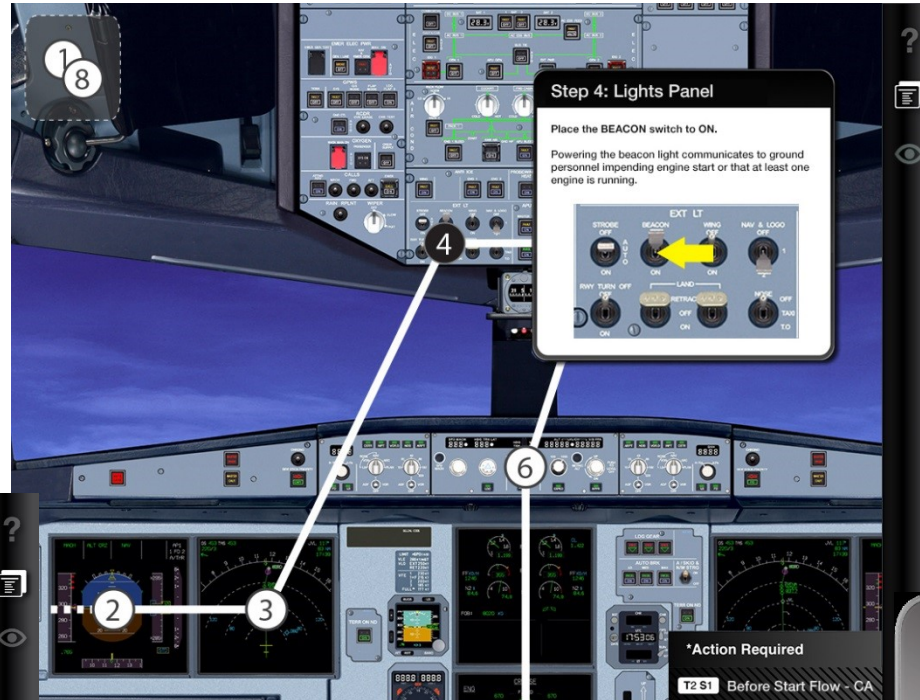
Comprehensive Systems and General Operational Subjects lessons provided for self-paced learning. Reducing our current systems classroom time from 21 days to 5.



FMS Skills

An interactive course that includes all FMS skills related to preflight, performance, climb navigation, cruise navigation, waypoint creation, holding, descent navigation, and approach/diversion.

Additional Applications



WELCOME Practice Exam: [Practice Exam](#) ?

QUICK EXAM Start a Quick Exam to be tested on questions from all categories. **START**

Enter total number of questions

CUSTOM EXAM Create your own Custom Exam of selected categories and total number of questions. **CREATE**

Recurrent May 27, 2014 **START** **INFO**

PREVIOUS EXAM Review, retake, or continue previous exams. **REVIEW**

Exams

A self-study tool provides pilots the opportunity to auto-generate exams based on aircraft system categories and desired number of questions. Users may choose to start a quick exam or create custom exams, and review, retake, or continue previous exams.

Enhanced Procedures Trainer

- Provides both graphical and tactile representation of the EJET, including simulation of aircraft systems
- Full complement of flight controls and complete guidance panel
- Implementation into Initial Qualification Program
- Certified as level 4 FTD
- ACARS Trainer Included



Benefits

- Training:
 - Updated training techniques
 - Consistent presentation
- Costs:
 - Reduced footprint (classroom)
 - Reduced hotel and classroom costs
- Reduced reliance on FFS:
 - Enhanced Procedures Trainers will provide an additional 5 scenario based training events
 - Systems
 - Introduction to automation
 - Focused training in cruise flight
 - Gate Ops
 - ACARS Training
 - Cat II approaches

Thank you!

Questions:

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