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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

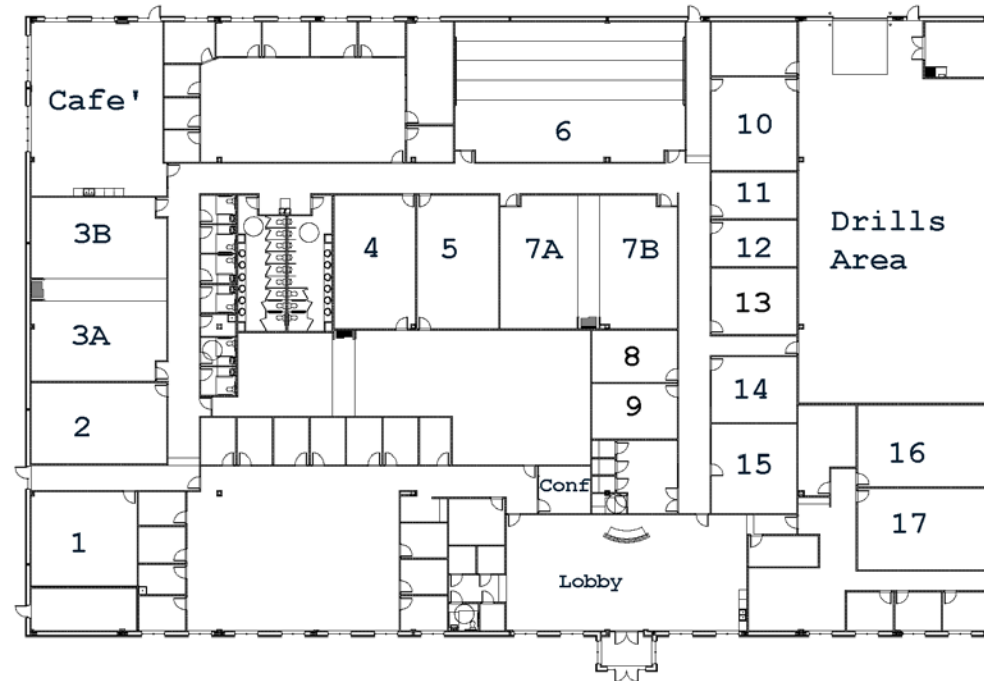
# Recent Advancements in Training

- 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



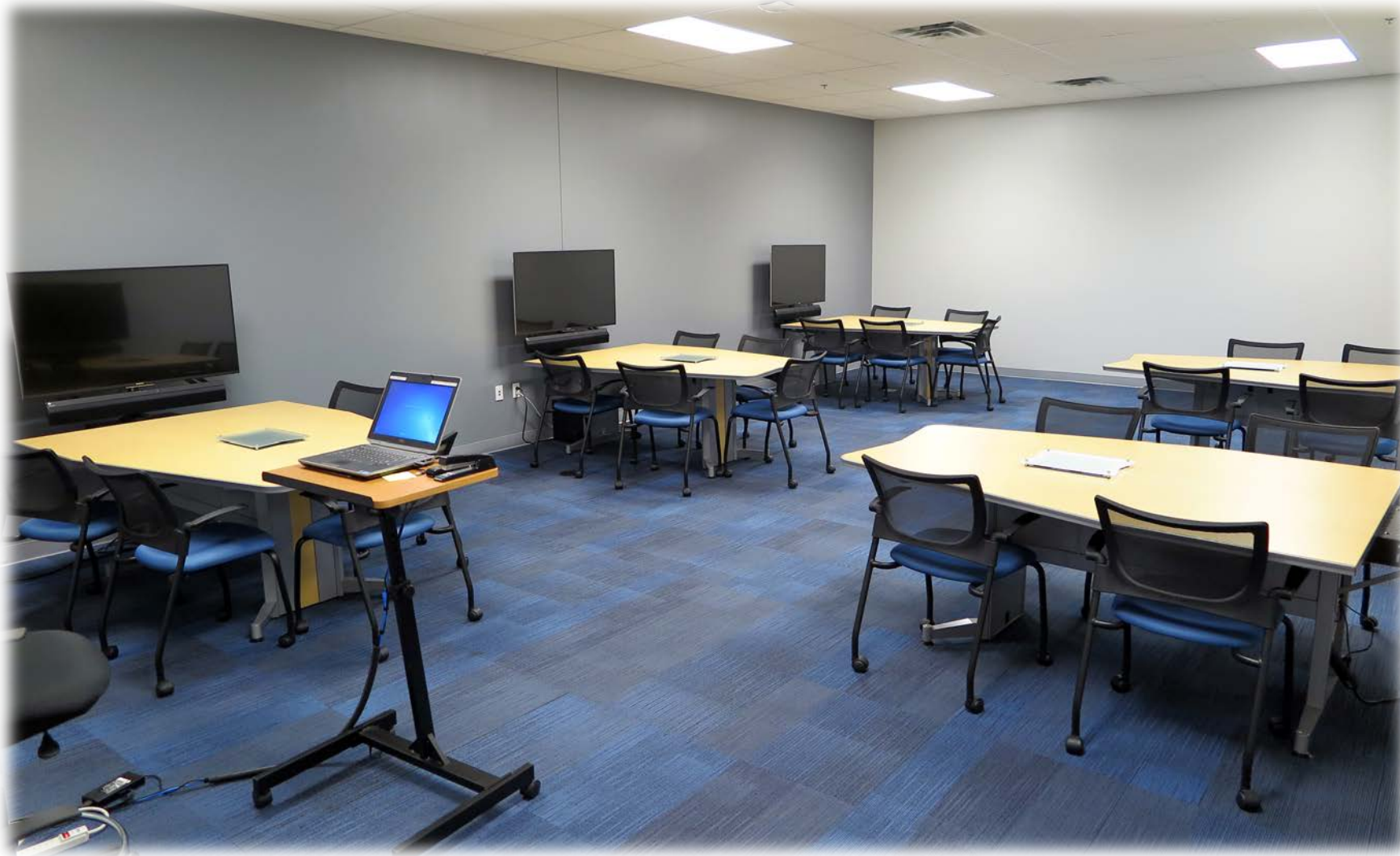
# Overview



# 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?

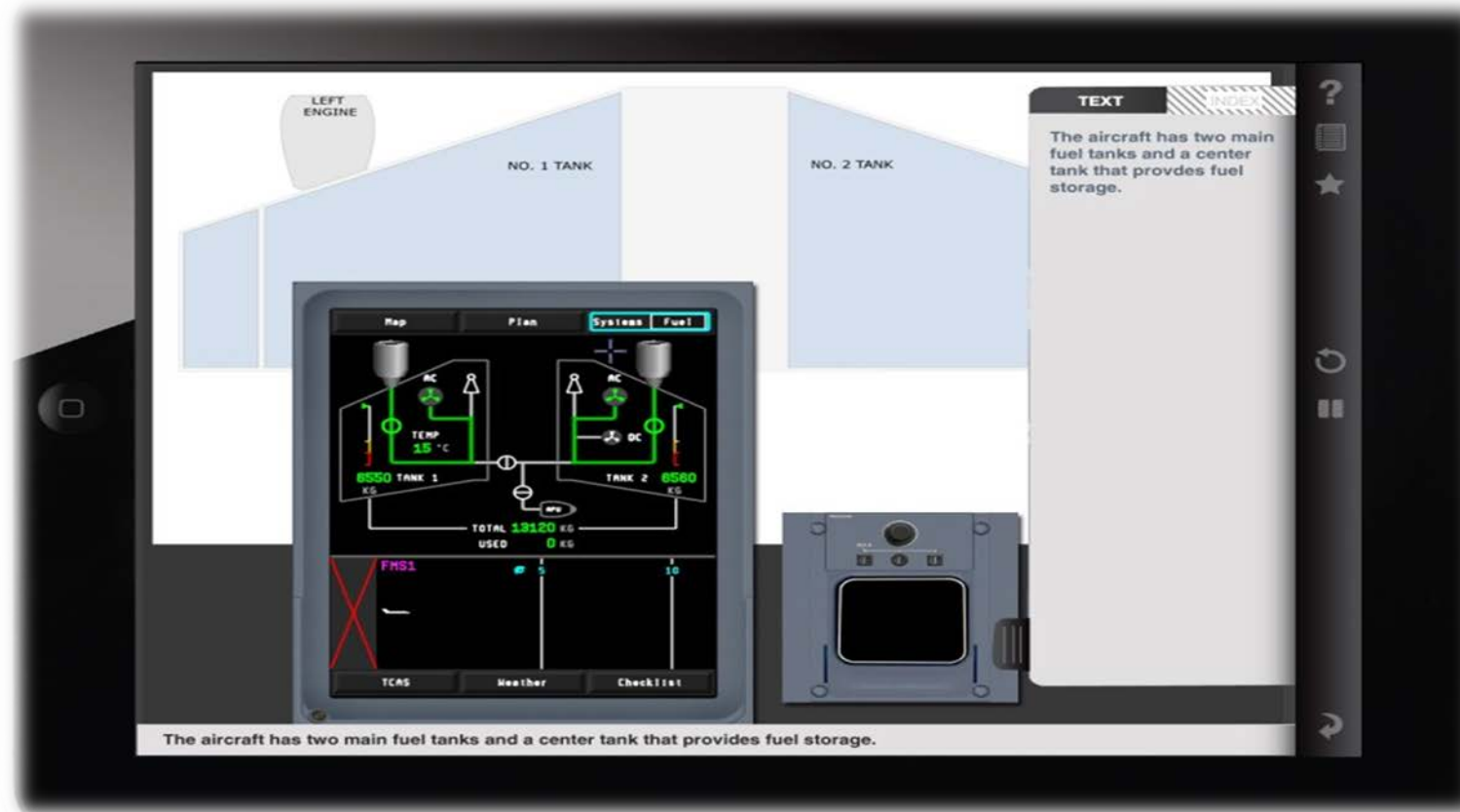
- Systems Knowledge Suite (Interactive)
  - Cockpit Familiarization
  - System Lessons
  - GOS Lessons
  - FMS Skills
  - Practice Exams





## 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

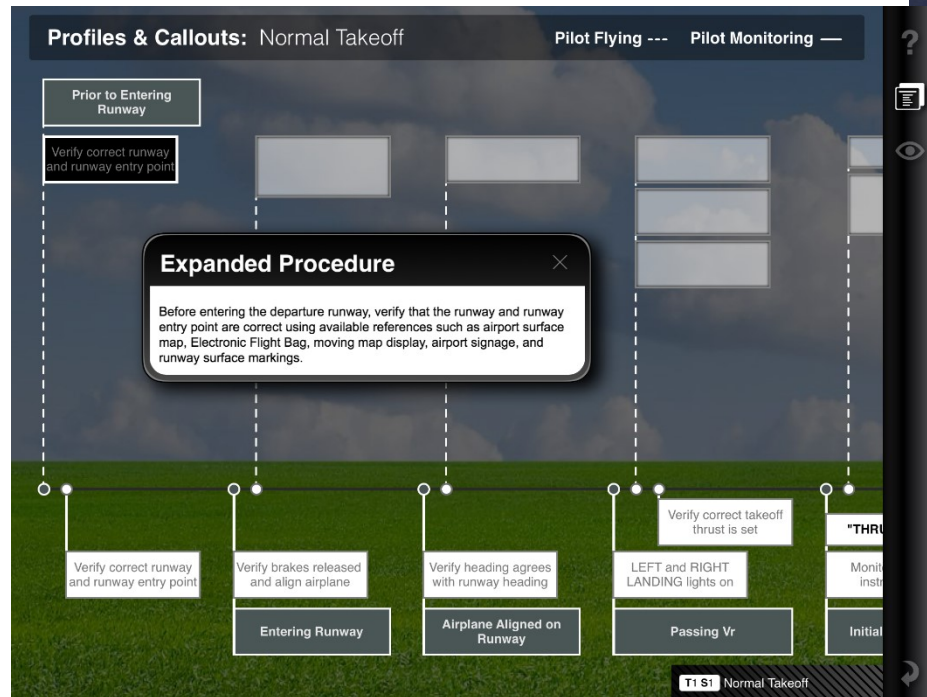
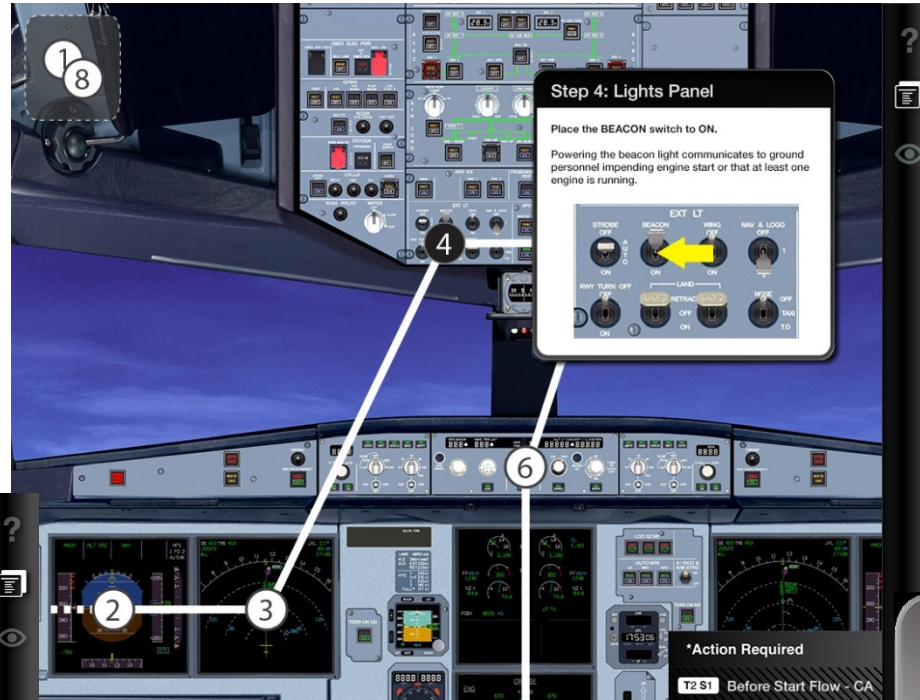
Comprehensive Systems and General Operational Subjects lessons provided for self-paced learning. Reducing our current systems classroom time from 21 days to 5.



## 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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