

# Flight Education and Beyond

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Chief Flight Instructor

#### Overview

- Recent flight program history
- Flight training curriculum redesign
- Course materials
- Recent FAA approvals
- Aviation Accreditation
- Future opportunities



# Recent Flight Program History

- May 2010
  - Chief Flight Instructor vacancy
- August 2010
  - Lost FAA pilot school certification
  - Exceeded 60-day vacancy allowance
- October 2010
  - Chief Flight Instructor hired
  - Efforts begin toward FAA reinstatement



# Recent Flight Program History

- July 2011
  - Pilot school oversight transferred to ATL from BHM
- August 2011
  - Pilot school certificate reinstated
  - All FAA courses and examining authority reinstated
  - Pilot school certificate renewal next due September 2013





# Flight Curriculum Redesign

- From 2011, began a review and overhaul of flight curriculum
- Previously using commercially-available, onesize-fits-all curriculum (Jeppesen)
- Improved course structure, realistic lesson time allocations
- Broadened scope of training to include more be more practical applications
- Included a greater number of hours of simulation to lower overall training costs (\$5,000)

# Flight Curriculum Redesign

- Recently submitted Professional Pilot curriculum for FAA approval
- Non-traditional pilot training course
- Eliminates training inefficiencies of traditionally structured courses
- Possible to reduce training costs to students up to \$10,000
- Total savings up to \$15,000 when simulation savings included



## Flight Course Materials

- Developed airline/professional pilot checklists, standard operating procedures (SOPs), flight operation manuals (FOM), and more
- Replaced expensive texts with comparable FAA documents (low-cost or free on-line)
- Recently introduced EFB (electronic flight bag)
- ForeFlight low-cost, discounted chart service offered through its Educational Licensing Program (ELP)



### Recent FAA Approvals

- Successfully renewed FAA-approved pilot school certificate September 2013 for another 2-year period
- Renewal based on
  - Minimum 1<sup>st</sup> pass rate for all pilot certificate-related and aeronautical knowledge tests taken (min. 80%, AU 90%)
- Accuracy of training records and documentation
- Safety Record (incidents/accidents) NONE



## Recent FAA Approvals

- Airline First Officer ATP hours reduction
- September 2013
  - 60 credit hours of aviation-related courses receive FAA approval
  - 2 degree programs received FAA approval
    - Aviation Management
    - Professional Flight Management
  - AU currently 1 of 9 schools currently approved
- Allows 250-hour reduction of time required for ATP certification (1,500 hours)

#### Aviation Accreditation

- Aviation Accreditation Board International (AABI)
- Focuses on aviation-related programs
- First accredited 2003
- Recent challenges with the passing of Dr. Ray Hamilton and retirement of Dr. Randy Johnson
- Added staff to cover Fall 2013 semester classes
- 2 faculty positions recently approved
- Traditional staffing vs right-size staffing
- Awaiting AU/AABI meeting for accreditation renewal



#### Possibilities

- Attrition and growth in aviation industry =
   opportunities to attract domestic and international
   students
- Out-of-state, out-of-country opportunities
- Non-degree seeking student opportunities
- Training provider for other collegiate programs
- Greatest strengths:
  - AU name, reputation, people

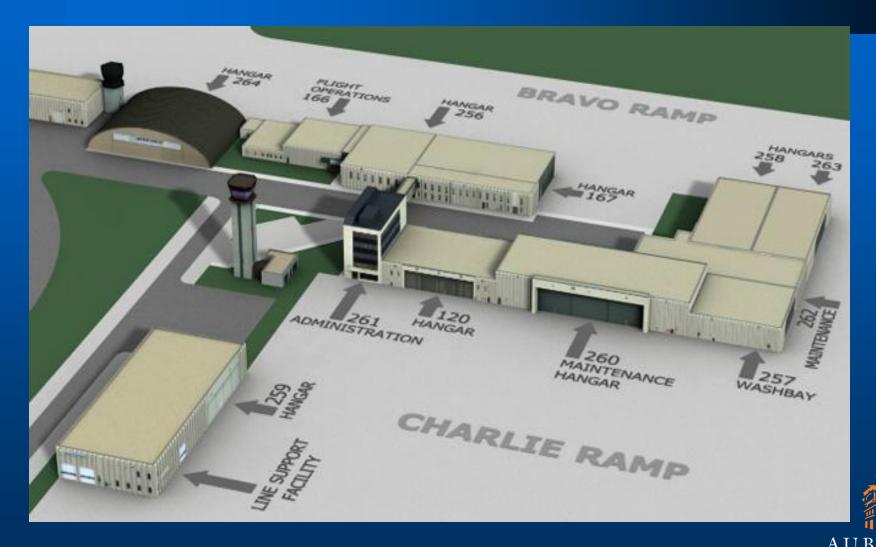


#### Possibilities

- Attrition/growth in aviation industry = opportunities
- Domestic and international students
- Out-of-state, out-of-country opportunities
- Non-degree seeking student opportunities
- Be the training provider for other collegiate programs
- Unmanned Aircraft Systems (UAS)
  - Law enforcement
  - Agricultural
  - Forestry



## Possibilities: Vision



UNIVERSITY

# Possibilities: Where there is vision



# Questions???

Answers???

