



AUBURN

UNIVERSITY

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

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Flight Curriculum Redesign

- From 2011, began a review and overhaul of flight curriculum
- Previously using commercially-available, one-size-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 1st 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



Possibilities: Where there is vision



Questions ???

Answers???