COE SOAR
Solutions for Operational Aviation Research

Led By: UND UNIVERSITY OF NORTH DAKOTA

EMBRY-RIDDLE Aeronautical University
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CURRICULUM ARCHITECTURE

Enhanced AT-CPC Training

the WHAT

This project focuses on identifying a high level of proficiency training for Certified Professional Controllers (CPCs) that covers advanced concepts and competencies delivered through a variety of methods; and evaluating the possible benefits of a centralized program of advanced ATCS training at the FAA Academy.

the GOALS

- Recommend enhancements to the advanced training program

the WHY

The current approach to CPC proficiency and enhanced training creates systemic inconsistencies in content and delivery, burdens facilities' operations, and inhibits training on advanced NextGen concepts and simulation. This project will allow the FAA to research and leverage existing methods, techniques, and technology for advanced training.

the HOW

- Evaluate current CPC training programs
- Examine current methods, techniques, and technology for advanced training
- Review existing research on advanced training
- Compare centralized training to facility oriented training
- Identify requirements for enhanced training
- Evaluate benefit of providing this training at the FAA Academy
- Identify alternatives and associated risk/limitations for implementing the advanced training concept model

START DATE
January 2017

2017

2018

COMPLETE
December 2017

Federal Aviation Administration