

## CA001 – FIELD TRAINING STANDARDIZATION

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### WHAT

The focus of this research project is to assist the FAA with overcoming inconsistencies in controller field training. Historically, FAA field facilities originated independently and developed facility-specific training materials and instruction plans. Air Traffic Control and Technical Services Field Training (OJT and Recurrent/Refresher Training) are perceived to differ among facilities.

### GOALS

The goals of this research are to identify and analyze existing field training conditions currently employed, to provide recommendations for enhancing existing systems, which include:

- . Identify a fundamental baseline of training that is common across all facilities in the NAS and
- . Determine the best delivery method to standardize fundamental knowledge.



#### Outcomes Goals:

- . A report on current Air Traffic Control field training standardization, as defined by field training stakeholders.
- . A literature review focused on field training standardization.
- . A review and mapping of existing field training processes.
- . A sample review of existing field training documentation standardization.

### HOW

Using various research methods, the Project Team will collection baseline data from select field stakeholders on current field training conditions.

- . Existing Field Training records will be analyzed to determine level of standardization existing between documents used in the training process.
- . Current Field Training Process will be mapped and analyzed to determine possible areas where standardization recommendation could be offered.
- . Academic literature will be reviewed to determine latest knowledge on standardization of adult field training with results presented in final report.

### WHY

The FAA will be able to utilize research findings to improve field training standardization by modifying or enhancing current field training processes and procedures. This could enhance field training efficiency, reducing field training costs, increase awareness of strengths and weakness in trainee's knowledge reten-



### IMPACT

Results of this research effort may allow the FAA to envision enhancements to current ATC Field Training procedures and documentation by identifying areas where modifications could produce desired results. By identifying target areas of existing field training which could be refreshed, options of applying next technology identified in other COE projects, could be considered for design, testing, and implementation into the field training process.