MANAGING TRAINING CONTENT
Including Adaptive Learning Capabilities
Using 21st Century Technology
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COE TTHP SOAR — Solutions for Operational Aviation Research

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WHAT:

Current training methods for FAA Aviation Safety Inspectors (ASI) do not utilize 21st century training technologies.

GOALS:

To use Learning Management Systems (LMS) & Learning Content Management Systems (LCMS) technology to allow for customization and adaptive learning for FAA Aviation Safety Inspectors.

HOW:

1. Create an analysis of the 21st century best practices of managing adaptive training content.

2. Compare LMS/LCMS software from different companies to determine one that would best be compatible with the needs of the FAA.

3. Analyze current AFS-500 training requirements and procedures and developing a framework that will best support these needs.

4. Develop a prototype lesson representative of an ASI training topic that will demonstrate the use of modular and mobile adaptive learning with the ability for rapid updating.

5. Produce a final report.

WHY:

Adopting a 21st century training approach will improve the effectiveness and quality of ASI training.

IMPACT:

Utlizing 21st century technology will maximize training capabilities while reducing training costs and allow ASI trainig to quickly adapt to changing learning environments.

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