Federal Aviation Administration

En Route ERAM Ghost Pilot (GP) Training

Lab 2: Operational Scenarios

Course FAA55149002

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Operational Scenarios:

Objectives	Given a Ghost Pilot Workstation and associated resources, and in accordance with TI 6110.106, TI 6110.154, and ATPilot reference documentation, the student will be able to:

- Set up the Ghost Pilot display.

- Interpret information presented in the Ghost Pilot display.

- Perform routine target simulation tasks.

- Perform routine adjacent sector/facility simulation tasks.

- Perform specialized target simulation tasks.

- Perform macro and target management tasks.

References

- TI 6110.106, ERAM Ghost Pilot Quick Reference Card

- TI 6110.154, ERAM ARTCC System Support Manual: Simulation User's Guide

- ATPilot Situational Display Data (SDD) User Manual

Equipment

- A Ghost Pilot workstation for each student.

- An R-position/RA-position for each controller.

- Headsets will be required for Ghost Pilots and controllers.

Safety Precautions

Follow all personnel safety procedures established for Test and Training Lab activities.

Overview

This lab consist of six operational scenarios. The purpose of the scenarios is to allow students to practice performing Ghost Pilot tasks in a realistic Air Traffic training exercise environment.

Students will need to simulate being the pilot of all targets assigned to their position. As such they will need to:

- Communicate with the controller using both voice and Controller Pilot Data Link Communication (CPDLC).

- Enter Ghost Pilot commands to execute target maneuvers in response to controller clearances.

Students should acknowledge voice check-ins and accept handoffs from the training sector without prompting by the instructor.

Students are free to select their preferred method for entering command (i.e., Graphical User Interface or command line).

Students should be provided the Ghost Pilot Course Quick Reference Card.

Instructors should use the appropriate Operational Scenario checklist to step through all the tasks to be practiced.

Instructors should assist students as necessary.

Approximate duration of each scenario is 60 minutes.