

55054003 EN ROUTE RADAR ASSOCIATE CONTROLLER TRAINING PART C: ADVANCED CONCEPTS

Handout 1: Part-Task Exercise

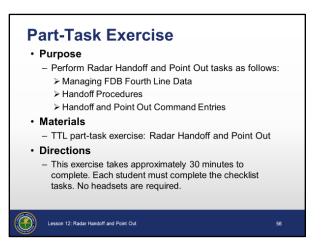
Lesson 12: Radar Handoff and Point Out

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INSTRUCTOR HANDOUT



PART-TASK EXERCISE: RADAR HANDOFF AND **POINT OUT**

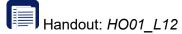


Purpose

Perform Radar Handoff and Point Out tasks as follows:

- Managing FDB Fourth Line Data
- Handoff Procedures
- Handoff and Point Out Command Entries

Materials



TTL part-task exercise: Radar Handoff and Point Out



TTL scenario: 55054003_L12_S##

Directions

This exercise takes approximately 30 minutes to complete. Each student must complete the checklist tasks. No headsets are required.



Provide instruction as required. Check off each task after completion. No ghost pilots are required.

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PART-TASK EXERCISE: RADAR HANDOFF AND **POINT OUT CHECKLIST**

	STUDENT INSTRUCTOR
	DATE
	Task Description
	Instructor Notes
✓	This scenario is intended to introduce Radar Handoff and Point out procedures and ERAM entries. Most aircraft are CPDLC equipped. At least 1 aircraft has /A equipment suffix. Scenario runs 1 hour.
RA	Managing FDB Fourth Line Data
	Enter a heading into the fourth line of a data block via EDST
	Enter a heading into the fourth line of a data block via QS message
	Enter a "PH" (present heading) into the fourth line of a data block
	Enter a deviation direction heading (e.g., DNE)
	Enter an Assigned Airspeed into the fourth line of a data block via EDST
	Enter an Assigned Airspeed into the fourth line of a data block via QS message
	Enter an Assigned Mach number (e.g., M75) into the fourth line of a data block
	Enter a Free Form Text of celestial navigation (e.g., CELNAV) into the fourth line of a data block
	Enter a Free Form Text of a pilot requested altitude (e.g., RQ350) into the fourth line of a data block
	Enter a speed and a heading in a data block with one command
	Remove speed and heading in one command
	Remove Free Form Text from fourth line of a data block
	Remove heading from fourth line of data block via EDST
	Remove heading from fourth line of data block via QS message
	Remove speed from fourth line of data block via EDST

Remove speed from fourth line of data block via QS message

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PART-TASK EXERCISE: RADAR HANDOFF AND POINT OUT CHECKLIST (CONT'D)

Handoff Command Entries
Initiate a handoff to an internal sector using a keyboard command
Initiate a handoff to an external facility using a keyboard command
Initiate more than one handoff to adjacent sector or facility using a keyboard command
Initiate a side stream handoff to an adjacent facility using a keyboard command
Accept a flashing handoff using a keyboard command
Accept a flashing handoff and assign an altitude using a single keyboard command
Accept a flashing handoff and offset the data block to a different position using a single keyboard command
Accept a flashing handoff, assign an altitude, and offset the data block to a different position using a single keyboard command
Initiate a handoff to an adjacent sector or facility and then retract the handoff using a keyboard command
Assume control of a track not currently under your control using a keyboard command
Inhibit automatic handoff for a flight plan and observe the accent symbol in the FDB
Enable automatic handoff for the flight plan and observe the resulting FDB
Inhibit automatic handoff for a sector
Inhibit automatic handoff for an ARTS facility
Inhibit automatic handoff for an ARTCC
Inhibit multiple sectors and/or facilities using a single command
Enable automatic handoff for one or more facilities and observe results on the Auto Handoff Inhibit View

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PART-TASK EXERCISE: RADAR HANDOFF AND POINT OUT CHECKLIST (CONT'D)

Point Out Command Entries
Set ACL Point Out Column to 2
Initiate a point out to an adjacent sector or facilty address and observe the FDB and ACL results (i.e., yellow "P")
Initiate pointouts to 3 sectors for one flight and observe the asterisk in the Point Out Column of the ACL entry
Increase the Point Out Column setting to 3 and observe the Point Out Column of the ACL entry (i.e., all 3 entries displayed)
Change the Point Out Column setting to automatic and observe the "PA" Point Out Column header
Using the ACL acknowledge an Automated Point Out Indicator for a flight plan
Remove the Automated Point Out indicator from the flight plan entry in the ACL
Use a keyboard command entry to acknowledge an Automated Point Out Indicator for a flight plan QP A FLID
Use a keyboard command entry to acknowledge a single sector Automated Point Out Indicator for a flight plan entry which has been pointed out by more than one sector QP A <sector id=""> <sector id=""> <flid></flid></sector></sector>
Describe to your instructor what steps you would take if an automated point out you initiated is not acknowledged