



**Federal Aviation  
Administration**

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RADAR ASSOCIATE  
CONTROLLER TRAINING PART C:  
ADVANCED CONCEPTS***

**Handout 1: Part-Task Exercise**

**Lesson 12: Radar Handoff and Point Out**

**Version: 1.0 2022.08**

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# PART-TASK EXERCISE: RADAR HANDOFF AND POINT OUT

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## Part-Task Exercise

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

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## Purpose

Perform Radar Handoff and Point Out tasks as follows:

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



Handout:

- ⦿ TTL part-task exercise: Radar Handoff and Point Out



TTL scenario

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## Directions

This exercise takes approximately 30 minutes to complete. Each student must complete the checklist tasks. No headsets 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. |
| <b>RA</b> | <b>Managing FDB Fourth Line Data</b>                                                                                                                                                                 |
|           | 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)

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|  | Handoff Command Entries                                                                                                          |
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|  | 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)

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|  | Point Out Command Entries                                                                                                                                                                                                         |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Set ACL Point Out Column to 2                                                                                                                                                                                                     |
|  | Initiate a point out to an adjacent sector or facility 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 <b>QP A FLID</b>                                                                                                                   |
|  | 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 <b>QP A &lt;sector ID&gt; &lt;sector ID&gt; &lt;FLID&gt;</b> |
|  | Describe to your instructor what steps you would take if an automated point out you initiated is not acknowledged                                                                                                                 |

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