**Federal Aviation**

**Administration**

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# *EN ROUTE*
# *RADAR ASSOCIATE*
# *CONTROLLER TRAINING PART C:*
# *ADVANCED CONCEPTS*

## Handout 1: Part-Task Exercise

## Lesson 3: Introduction to En Route Decision Support Tool (EDST), Part 2

**Version: 1.0 2022.08**

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# PART-TASK EXERCISE: EDST PART 2



**Purpose**     Perform the following tasks:

  ⊙  Identify features of the tools menu

  ⊙  Demonstrate GI Message View and SIGMETS View features

  ⊙  Identify weather and altimeter displays

  ⊙  Interact with the GPD

**Materials**     Handout:

  ⊙  TTL part-task exercise: EDST Part 2

TTL Scenario

**Directions**     This exercise takes approximately 45 minutes to complete. Each student must complete the checklist tasks. No headsets are required.

# PART-TASK EXERCISE: EDST PART 2 CHECKLIST

**Student** _____ **Instructor** _____

**Date** _____

| | Task Description |
|---|---|
| | **Instructor Notes** |
| ✓ | This scenario is intended to introduce the basic operations of EDST. Scenario runs 30 minutes. |
| **RA** | **Tools Menu** |
| | Open ACL **TBP** or **UU** |
| | Display the Coordination Column and identify column location |
| | Enable non-RVSM indicator |
| | Set IAFDOF to Manual |
| | Set the status of an SAA to active |
| | Set an Airport Stream Filter to on. **Note the change in the displayed alerts.** |
| | Set a facility wide restriction to off |
| | **General Information (GI) Messages View** |
| | Identify if new GI messages are available. **How are new GI messages identified in the view?** |
| | Forward a GI message to another position |
| | Delete a single GI message |
| | Delete multiple GI messages |
| | **SIGMETs View** |
| | Identify if new SIGMET messages are available. **How are new GI messages identified in the view?** |
| | Suppress a SIGMET |
| | Restore a suppressed SIGMET |
| | Print a SIGMET |

| ✓ | |
|---|---|
| **RA** | **Weather and Altimeter Displays** |
| | Open the Weather view (WX REPORT) |
| | Add a weather report using the WX Pop-Up Input Box |
| | Add a weather report using the keyboard **WR (station ID)** |
| | Add a weather report already in the view using either method. **Note the toggle function removes the report.** |
| | Open the ALTIM SET (altimeter) view |
| | Add four (3) altimeter settings using the keyboard **AR <LOC ID> (LOC ID) (LOC ID)** |
| | Add an altimeter setting using the ALTIM SET Template |
| | Using the template, add an altimeter setting using an airport without weather reporting. **Observe NOT FOUND** |
| | Using the template, add an altimeter setting using incorrect characters for station ID (like "/"). **Observe INVALID** |
| | **Wind Grid** |
| | Open the Wind Grid Display |
| | Open the Wind Grid Display at a specific altitude **UU W <altitude>** |
| | Toggle Show Temp/ Remove Temp button |
| | Recenter the wind map to a new location |
| | Increase wind grid range by 100 miles |
| | Decrease wind grid range by 50 miles |
| | Change wind grid display altitude |
| | **Graphic Plan Display** |
| | Open the GPD using the toolbar |
| | Open the GPD using a flight ID |
| | Open the GPD using a ACL alert |
| | Open the GPD using the keyboard **UU  G** |
| | Identify current or future time in the GPD title bar |
| | Recenter the GPD |
| | Increase GPD range by 100 miles |
| | Decrease GPD range by 50 miles |
| | Save GPD map |
| | Suppress victor airways |
| | Restore victor airways |
| | Display NAVAID labels |
| | Display 3 minute route preview |
| | Suppress GPD data blocks |
| | Restore GPD data blocks |
| | Identify a non-ADS-B "A" |
| | Identify alert indicators |

# PART-TASK EXERCISE: EDST PART 2 CHECKLIST
## (CONT'D)

| ✓ | |
|---|---|
| | **Graphic Plan Display *(Cont'd)*** |
| | Identify aircraft ID |
| | Identify altitude |
| | Identify destination and ground speed |
| | Identify flight plan assigned altitude for a flight with an interim altitude |
| | Identify flight climbing to a block altitude |
| | Identify time at coordination fix |
| | Move a off screen GPD data block using the leader line |
| | Move a GPD data block using the flight ID |
| | Select a flight and open Hold Menu |
| | Exit Hold Menu |
| | Show current plan for a single alert |
| | Clean up the GPD |
| | Show all alerts for a flight |
| | Clean up the GPD |
| | Open the Altitude Menu for a flight |
| | Create an altitude trial plan for Nxxxx |
| | Send an interim altitude message |
| | Open the Route Menu for a flight |
| | Open the Speed Menu for a flight |