Federal Aviation

Administration

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

Handout 1: Part-Task Exercise

Lesson 7: Route Amendments

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PART-TASK EXERCISE: ROUTE AMENDMENTS

Purpose

Perform route amendment tasks, which include CPDLC uplink and Traffic Flow Management Reroute functionality.

Materials

📋 Handout:

⊙ TTL part-task exercise: Route Amendments

🔧 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: ROUTE AMENDMENTS CHECKLIST

STUDENT _____ **INSTRUCTOR**_____

DATE_____

	Task Description
	Instructor Notes
✓	This scenario is intended to introduce Route Amendments. Scenario runs 1 hour. **Urgency: /EXP /IMM /PD Due to reasons: /TFC /WX /RES**
RA	**Basic Route Amendments**
	Use keyboard Track Reroute (QU) command to amend a route of flight
	Use keyboard (QU) with (✶) to amend a route and inhibit all system added preferential routes
	Use keyboard (QU) with (⊕) to amend and suppress system added Equipment Restricted Routes (ERR)
	Use keyboard (QU) command to amend and uplink a route of flight
	Identify the Route Uplink In Progress indicator in the ACL and FDB
	Use keyboard (QU) command to amend and uplink a route of flight with a due to reason
	Use keyboard (QU) command to amend and uplink a route of flight with a /FRC
	Send/Acknowledge an Embedded Route Text (ERT) within the ACL
	Amend a route of flight within an Amendment Template, but leave destination unchanged
	Amend a route of flight, including a new destination, within an Amendment Template

	Route Menu Typing Buffer Amendments
	Amend a route of flight without a new destination within the Route Menu Typing Buffer
	Amend a route of flight with a new destination within the Route Menu Typing Buffer
	Amend, add a Due to Reason, and uplink a route of flight using the Route Menu and Typing Buffer
	Amend and inhibit all system added preferential routes of flight using the Route Menu Typing Buffer
	Amend and suppress all system added Equipment Restricted Routes (ERRs) of flight using the Route Menu Typing Buffer
	Direct-to-Fix Route Amendments
	Amend a route of flight by selecting a white Direct-to-Fix. **Note: Present position direct to selected white fix and then ties into the remainder of the original route.**
	Amend and uplink a route of flight by selecting a blue Direct-to-Fix. **Note: Must be transition fix of a STAR or a fix prior. Present position direct to the selected blue fix, then direct to destination.**
	Amend a route of flight by selecting a Direct-to-Fix and selecting Include PAR selection box
	Amend a route of flight containing Embedded Route Text (ERT) by selecting a Direct-to-Fix, Append ✳ selection box, and a Direct-to-Fix. **Note: All system added preferential routes have been suppressed.**
	Amend a route of flight containing an Equipment Restricted Route (ERR) by selecting a Direct-to-Fix, selecting Append ⊕ selection box, and a Direct-to-Fix. **Note: Only system added ERRs have been suppressed.**
	Amend, select a Due to Reason and uplink a route of flight by selecting a Direct-to-Fix
	Amend, select FRC section box and uplink a route of flight by selecting a Direct-to-Fix

PART-TASK EXERCISE: ROUTE AMENDMENTS CHECKLIST *(CONT'D)*

	APR Route Amendments
	Open the Route Menu from the ACL for a flight with a needed eligible APR (i.e., blue departure point)
	Select ALL APR tab for a flight
	Select ELIGIBLE APR tab for a flight
	Apply an ineligible APR. Note that the blue departure coding remains
	Apply an eligible APR. **Note: The blue departure coding is removed if an advanced APR is selected or no advanced APR is available.**
	Open the Route Menu from the ACL for a flight with a needed eligible APR. Select the Append ✱ selection box and apply an eligible APR. **Note: All system added preferential routes have been suppressed.**
	Open the Route Menu from the ACL for a flight with a needed eligible advanced APR Select the Append ⊕ selection box and apply an eligible advanced APR. **Note: Only system added ERRs have been suppressed.**
	Flight Data button
	Open the route menu for a flight
	Select the Flight Data button to display the Plans Display with the selected aircraft at the top of the display stack
	Previous Route Amendments
	Make a route amendment using any method. Apply the previous route by using the Route Menu Previous Route button and subsequent Previous Route Menu pop-up
	Make a route amendment using any method. Use the Plan Options Menu to apply the previous route

	TFM Reroute Amendments
	Open a TFM Quick view select the Apply Reroute button to apply a TFM Reroute
	Open a TFM Quick view and apply and uplink a TFM Reroute
	Open the TFM Quick View, then open the TFM Reroute Menu and apply the TFM Reroute
	Open the Route Menu for an entry with a pending TFM reroute, then open the TFM Reroute Menu and apply and uplink the TFM reroute
	Reject a TFM Reroute. **Note: Cyan "T" and route action coding are removed.**
	Open the TFM Reroute Menu for an aircraft not under your sector's control using either method, then reject the TFM reroute by using the Reject button and subsequent Reject Eligibility menu pop-up
	Open the TFM Reroute Menu using either method for a flight which is abeam or past the divergent fix of a pending TFM Reroute. **WARNING: Flight Beyond Divergent Fix banner is displayed in yellow.** Apply the pending TFM reroute by using the TFM Reroute Menu and subsequent TFM Reroute Warning menu.
	Amend the route of flight such that the pending TFM Reroute no longer merges. **Note: The cyan "T" is no longer displayed in the route field of the ACL entry.**
	Apply the TFM reroute and note that the flight plan remarks have changed to the TFM Reroute remarks