

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

Handout 1: Part-Task Exercise

Lesson 5: Introduction to Controller Pilot Data Link Communications (CPDLC)

Version: 1.0 2022.08

INSTRUCTOR HANDOUT



PART-TASK EXERCISE: INTRODUCTION TO CPDLC

- TTL part-task exercise: Introduction to CPDLC
- Directions
 - This exercise takes approximately 45 minutes to complete. Each student must complete the checklist tasks. No headsets are required.



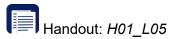
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Purpose

Perform tasks as follows:

- Identify basic CPDLC indicators
- Release a Held TOC
- Manually uplink an altimeter setting

Materials



⊙ TTL part-task exercise: Introduction to CPDLC



TTL scenario: 55054003 L05 S##

Directions

This exercise takes approximately 45 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: INTRODUCTION TO CPDLC **CHECKLIST**

STUDENT	INSTRUCTOR
DATE	
	Task Description
	Instructor Notes

	Task Description		
	Instructor Notes		
1	This scenario is intended to introduce the basic operation of the system. Scenario runs 45 minutes.		
RA	Sessions, Eligibility, and On Frequency Indicators		
	Identify a flight with a CDA session, but no eligibility		
	Identify a flight with a CDA session, and eligibility		
	Identify a flight with an NDA session		
	Identify a Voice Communications Indicator that has been automatically marked on		
	Transfer of Communication		
	Initiate hand-off. Once hand-off is accepted identify the Single Held TOC indicator		
	Release a Held TOC using a TBE on the Single Held TOC indicator		
	Identify the TOC In Progress indicator at the transferring sector		
	DISCUSS: The TOC In progress indicator is removed when a WILCO response is received from the pilot		
	Use the keyboard to release a Held TOC UH <flid></flid>		
	Accept a handoff from an adjacent center that will result in a CONTACT TOC		
	DISCUSS: The TOC In progress indicator at the receiving sector does not appear until the transferring sector releases the Held TOC		
	Identify the TOC In progress indicator at the receiving sector		
	After WILCO to the TOC manually mark the aircraft on frequency		
	Accept a handoff from an internal sector that will result in a MONITOR TOC		
	Identify the automatic on frequency indicator		
	Identify the CAA In progress indicator at the receiving sector		

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PART-TASK EXERCISE: INTRODUCTION TO CPDLC CHECKLIST (CONT'D)

Altimeter Setting Uplinks	
Discuss: Altimeter Setting Uplinks are automatically uplinked when required following a WILCO response to a MONITOR TOC or following an altitude clearance uplink that requires an altimeter. No FDB or ACL CHI is displayed.	
Manually uplink an Altimeter Setting for the system selected reporting station	
UA <flid></flid>	
Identify the Generic Uplink In Progress Indicator	
Identify when ROGER response is received	
Manually uplink an Altimeter Setting for a controller specified reporting station UA <reporting station=""> <flid></flid></reporting>	