



**Federal Aviation
Administration**

***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)**

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PART-TASK EXERCISE: INTRODUCTION TO CPDLC

Part-Task Exercise

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

 Lesson 5: CPDLC Basic Operations 54

Purpose

Perform tasks as follows:

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

Materials



Handout:

- ⦿ TTL part-task exercise: Introduction to CPDLC



TTL scenario

Directions

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

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PART-TASK EXERCISE: INTRODUCTION TO CPDLC CHECKLIST

STUDENT _____ INSTRUCTOR _____

DATE _____

	Task Description
	Instructor Notes
✓	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>
	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>
	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>
