Federal Aviation

Administration

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

Handout 1: Part-Task Exercise

Lesson 16: CPDLC Operations

Version: 1.0 2022.08

PART-TASK EXERCISE: CPDLC OPERATIONS

Purpose

Perform CPDLC tasks as follows:

⊙ Advanced session and eligibility management

⊙ Uplink a frequency and a Confirm Assigned Altitude (CAA)

Materials

📋 Handout:

⊙ TTL part-task exercise: CPDLC Operations

🔧 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: CPDLC OPERATIONS CHECKLIST

STUDENT _____ **INSTRUCTOR**_____

DATE_____

	Task Description
	Instructor Notes
✓	This is an advanced scenario designed to exercise less frequently used capabilities of the system. Scenario runs 45 minutes.
RA	**Advanced Session Management**
	Use the Flight Plan readout command to obtain logon, session, and eligibility information about a flight **FR <FLID> D**
	Amend the altitude of CPDLC equipped aircraft to VFR
	Amend the callsign of a CPDLC equipped aircraft
	Delete the flight plan of a CPDLC equipped aircraft
	Manually end a session of a CPDLC flight with no open entries **ED <FLID>**
	Manually end a session of a CPDLC flight with open entries
	Identify a failed session indicator
	Acknowledge a failed session
	Manually start a session **SD <FLID>**
	Advanced Eligibility Management
	Discuss situations where manual release of eligibility would be used
	Manually release eligibility with the RE command
	Manually release eligibility by entering a Drop Track message (QX)
	Manually release eligibility by dropping the FDB **(For sector with eligibility but not track control)**
	Manually release eligibility by marking the aircraft off-frequency **(For sector with eligibility but not track control)**
	Steal eligibility using the keyboard. **SX <FLID>**
	Steal eligibility using the Steal Eligibility menu

	Manual CAA Uplink
	Manually uplink a Confirm Assigned Altitude message **UG /CAA <FLID>**
	Manual Frequency Uplink
	Manually uplink your sector's default frequency **UF <FLID>**
	Manually uplink a frequency and specify a sector **UF <Sector> <FLID>**
	Manually uplink a frequency and specify a facility and sector **UF <FacilityPosition> <FLID>**
	Manually uplink a frequency and specify a frequency number **UF <Frequency> <FLID>**
	NOTE: The following checklist items are only for facilities that transfer communications to CAATS and or ATOP
	Manually uplink a frequency with the session termination option **UF <Frequency> ED <FLID>**
	Uplink an HF Frequency for an ATOP Sector with an End Service and Radar Service Terminated **UF <FacilityPosition> <Frequency> RT ED <FLID>**