Controller Pilot Data Link Communications (CPDLC) Syllabus

**General Inquires**
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**eLearning Module Overview**

Controller Pilot Data Link Communications (CPDLC) is a generic term for data link communications between pilots and air traffic controllers. You may also hear data link referred to as Future Air Navigation System (FANS) 1/A which, in addition to CPDLC, includes Automatic Dependent Surveillance – Contract (ADS-C).

This CPDLC general familiarization module is designed for pilots flying in aircraft with FANS 1/A avionics capability. The training is not specific to any aircraft type or avionics package. The module is based on three source documents; ICAO Doc 10037 Global Operational Data Link Document (GOLD), ICAO Doc 9869 Performance-based Communication and Surveillance (PBCS) Manual, and FAA Advisory Circular 90-117 - Data Link Communications.

The module includes the human factors associated with data link communications and reports by pilots with lessons learned on how to prevent errors.

**Module Content**

- General Information
- ADS-C and CPDLC
- Flight Planning
- Departure Clearances (DCL)
- Connecting with ATS
- CPDLC Messages
- Emergency
- Europe-Specific Procedures
- Pacific-Specific Procedures
- AOC Messages
- ADS-C

**Recommended Audience**
Pilots

**Regulatory Compliance**

FAA Advisory Circular (AC) 90-117 (Knowledge Subject Areas)
FAA Operation Specification / Letter of Authorization A056 (Knowledge Subject Areas)

**Module Duration**
2 hours