

NextGen - FANS1/A Familiarization for Technicians

FANS 1/A CPDLC

Course Information

Course Description – 2 Hour Course

The NextGen, FANS 1/A CPDLC course is designed to familiarize the maintenance technician to the Next Generation of aviation/ Future Air Navigation System.

The course consists of classroom and *practical instruction. Special emphasis will be placed on the use and access of the data link functions.

Topics introduced will include:

- A short history of communication, navigation and surveillance.
- Basic transponder and radar theory will be discussed as a transition into the next generation of aviation for the air traffic control system.
- Data link, the FAA's NextGen Transformational Programs
- Networks and sub-networks as well as operations and basic troubleshooting of the data link systems.
- Upcoming mandates and the requirements for operational and aircraft

Data Link System access and diagnostics make up the practical portion of the training.

FlightSafety Material Number 305126

Ground School Course Modules Hours

FANS 1/A	1.50
Ground School Training Hours	1.50

Academic Course Modules Hours

Welcome/Introduction.....	0.20
Review/Exam	0.30

Total Hours..... 2.00

Approvals and Limitations

FAA IA Renewal Code	C-IND-IM-131026-K-006-124
FAA IA Course Validity:	06/14/2019 – 05/31/2023

Training Locations & Contact Information

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