

FANS - SYLLABUS

DESCRIPTION

Future Air Navigation System (FANS) is already part of today pilot's environment: this course describes the 3 main steps (FANS 1/A, 2/B, Full Fan) and components of this project, and make a focus on Automatic Dependent Surveillance (ADS-A, C & B) and Controller Pilot Data Link Communication (CPDLC). This module includes operational aspects and human factors associated with data link communication errors.

MODULE CONTENT

- Objectives
- Historical Background and Ambition
- FANS Implementation Steps
- CNS/ATM Global Concept
- ADS-A, C, B
- CPDLC
- FANS Main Components
- Operational Procedures
- Key Points

EASA REFERENCES

ICAO: GOLD – Global Operational Data Link Document 2nd Edition

EASA: SPA.PBN.100 &105

FAA: AC 120-70 C

RECOMMENDED AUDIENCE

Recurrent training for Flight Crew & Dispatchers (all type of aircraft)

MODULE DURATION

50 minutes (with written exam – 75% minimum to pass)

REMARKS

E-LEARNING MODULE / Validity 12 months

VERSION: 2017_v2

