

Training Course

Electronic Flight Bag (EFB) - The Paperless Cockpit Training Course

Location(s) / Date(s)

Hoofddorp, 31 October 2018

Netherlands

St. Julians, Malta 22 May 2018

List price

€ 490.00

Introduction

The main focus of this course is on the existing regulations and guidance of EFB as laid down AMC 20-25, including its practical application. It will also give an overview of the FAA AC 120-76C

The course will include group exercises to gain a better understanding of how to implement and gain approval for an EFB System, which is of relevance to both the operator and the regulator.

It will also look at how to make a business case,

It will use case studies to illustrate how both a business air operator and a major airline have implemented an EFB system.

The course concludes with the operational aspects of an EFB system, including the Human Factors.

The information obtained from this course is intended for information purposes only and is not binding.

NOTE: Participants are requested to bring a laptop to the course which has access for a USB stick. Some of the course material will be provided on USB stick.

Content

The topics covered include:

- ➔ Introduction
 - Purpose
 - Background
 - Overview
 - Definitions

- ➔ Law and Documentation
 - Rules and regulation (Part Air Operations, AMC 20-25)
 - The approval process
 - Operator approval
 - Documentation for operators (OM, MEL, Training)
 - Specific areas requiring evaluation
 - Risk mitigation for EFB systems
 - System design considerations
 - Human Machine Interface considerations EFB overview
 - Operations Specification EFB
 - Class and software type classification
 - EFB Administrator
 - Operational Risk Analysis
 - Quality Assurance and Security
 - Operational Assessment
 - AC 120-76C
 - Overview, including harmonization with EASA.
 - How to Make a Business Case
 - Using EFB to improve the business
 - Cost/benefits
 - Case Studies
- ➔ Implementing an EFB System
 - (a) Business air operator
 - (b) Major airline
- ➔ Introduction to Flight Operations
 - Flight Crew Operating Procedures
 - Weight and Balance
 - Training
 - Human Machine Interface

Learning objectives

Overview of EFB classification, Software and Hardware, understanding the regulations (Part Air Regulations, AMC 20-25) and knowing how an approval process will work.

Target group

- ➔ Pilots (EFB evaluation, overview, training)



- EFB Administrators (initial) Inspectors (EFB requirements)
- Quality/Compliance Manager (overview, introduction, training)
- Training Managers, instructors

Linked Courses: [CRM in Aviation](#), [Safety Management](#) and [Quality Management](#).

Pre-requisites

Working in a professional aviation environment.

Duration

This is a 1-day course, starting at 09:00 and ending at approximately 17:00.

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