
Module Summary Flight Data Monitoring FDM (JAR-OPS 1.037)

Module A Database for Aircraft recording parameters (Maint Provider)

Engineering, programming and loading of aircraft recording equipment with parameter database.

Module B Data and Diskhandling (Maint Provider)

Read out of flight data medias (i.e. MO-Disks, PCMCIA Cards, P&G tapes).

Module C Datastorage EMS Flight Data Warehouse (FDW) & Automated Parameter Measurement (APM) (swiss49 & Austin Digital)

One time tasks

FDW: Setup and Initialisation, Fleetdefinition, aircraft specific LFL-Parameters (Logical Frame Layout), Flight Parameters and Fleet Constants

APM: Creation of APM Profile (Application) with Flight Safety Events to generate flight trigger lists
Definition of Airline specific Flight Safety report

Continuous tasks

- Surveillance of Flight Operation with Automated Parameter Measurement Application
- Reports (PDF-Files) for specific flight phases
- Flight Operations monthly and yearly statistics

- Statistics on request.

Module D 3D-Visualisation of selected flights with VISION (swiss49 & Teledyne)

One time tasks

- Hardware: Laptop/Desktop with 3D Graphics Card
- Software: VISION sublicense
- Installation and Setup

Continuous tasks

- Standardprice per 3D-Visualisation.
- Specific tasks per actual manhour.
- IT Support for Visualisation Laptop

Module E Access and Training as EMS User (swiss49)

One time tasks

EMS-Licence fees

Opening of an EMS-Account with specific access rights.

Training of customer to review daily Flight Safety events by IT/Pilot employee of swiss49 Flight Data Monitoring.

Module F ACARS & Engine Trending (Maint Provider & swiss49)

ACARS Processing of flight data (e.g. engine reports), Web-Access to engine trending data. Data export for Airbus, Boeing and Embraer engine performance monitoring data files for manufacturer APM programs.

Module G Fuel savings & Performance (swiss49)

Studies and statistics available in the fields of aircraft performance, fuel monitoring, fuel saving opportunities, flightplanning, postholder maintenance, warranties, etc.

Training of customer to use applications, define mandatory parameters, support in interpretation of statistics & develop own measurements. Providing statistics on request.