Swiss-AS Training – Course Description

AMOS Troubleshooting & Reliability Training



This course provides a practical approach to troubleshooting and reliability management in aircraft maintenance using AMOS.
Participants will learn how to use AMOS for fault tracking, defect analysis, maintenance control, reliability monitoring, and reports in line with aviation industry standards. The course focuses on improving troubleshooting efficiency, identifying recurring technical issues, and supporting reliability-centered maintenance through maintenance data analysis.
Special attention is given to technical records, MEL/CDL follow-up, deferred defects, repetitive failures, reliability indicators, reporting functions, maintenance history analysis, and component reliability tracking.

Course Objectives

Upon completion of this course, you will be able to:

- ✓ Track the status of all open technical events for an aircraft or an entire fleet
- ✓ Record and review flight disruptions (e.g. delays and cancellations) and evaluate their impact on the operations
- ✓ Track and Manage the unscheduled parts removals including the ones for troubleshooting purposes
- ✓ Create the necessary basic definitions used in various Reliability programs in AMOS.
- ✓ Perform reliability data extraction, investigation and analysis.
- ✓ Review MEL and Deferred Defect statistics
- ✓ Create and distribute a variety of reliability reports from within AMOS
- ✓ Create, track and manage existing issues and incidents using “Technical Case Manager”

Course Topics

- Definitions (APN:397)
- Part Reliability (APN:401)
- Part Special Field Report (APN:532)
- Rogue Units (APN:526)
- Parts Tracking (APN:188)
- Failure Confirmation (APN:354)
- Removal Bookings Analyzer (APN:497)
- Electronic Pending Shelf (APN:326)
- Repeated Item Tracking (APN:649)
- Event Tracking (APN:432)
- IFSD Tracking (APN:758)
- Experience Sheet (APN:217)

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- Delays & Cancellations (APN:547)
- Standard Reliability Report (APN:462)
- Technical Delays & Cancellations (APN:713)
- Systems Reliability (APN:399)
- MEL Report Analyzer (APN:531)
- Deferred Defect Analyzer (APN:1631)
- Technical Availabilty Performance (APN:1683)
- Reliabilty Report Builder (APN:1889)
- Technical Case Manager (APN:490)

Who should attend

Engineering department personnel who need to retrieve reliability data from AMOS & personnel involved in the traceability and management of parts removed for troubleshooting purposes.

Prerequisite

AMOS Basics Training
Beneficial but optional: AMOS Engineering Training Part 1 & 2

Skill

Advanced

Type

Classroom

Duration

1 day

Times

Please check our website www.swiss-as.com/services/training and/or your course invitation for the exact time.

Training Costs

On Request

Registration

Please register your participant(s) via www.swiss-as.com or contact the AMOS Training Department at AMOS_Training@swiss-as.com.