Swiss-AS Training – Course Description
AMOS Engineering – Part 1 WBT

This e-learning course is designed to give an overview of the most important AMOS programs required to perform work in Engineering departments.

This course is the precondition for Engineering Part 2 (classroom training).

Course Objectives

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

- ✓ Define new parts
- ✓ Manage and update aircraft
- ✓ Record structural damages
- ✓ Define, assign, edit and track counters
- ✓ Create and manage time requirements
- ✓ Define an assembly configuration
- ✓ Check an As-Booked configuration with an allowed Configuration
- ✓ Print complete aircraft equipment lists
- ✓ Work with work steps and work templates
- ✓ Search for any workorder in Workorder Information System
- ✓ Install and remove rotables with the Component Booking program
- ✓ Deal with oil consumption statistics
- ✓ Manage MEL items
- ✓ Manage publications
- ✓

Who should attend

Everyone who works in the Engineering department

Prerequisite

AMOS Basics WBT

Skill

Intermediate

Type

E-learning

Certification

To receive the certificate, you must complete the course and pass the test with a minimum score of 80%. AMOS Engineering - Part 1 is the mandatory prerequisite for AMOS Engineering - Part 2 (classroom/VILT training).

Duration

8 hours

Price and Registration

Contact the AMOS Training Department at AMOS_Training@swiss-as.com.

Course Topics

Overview

Start e-learning with the engineering flow

Aircraft Data

- Create a new aircraft registration
- Define aircraft limitations and specifications
- Enter structural damages
- View/Edit Modifications
- Create an aircraft status report

Parts

- Define a new part number
- Define an alternate part number
- Define an aircraft position for a part number
- Add a part to a requirement
- See a list of special codes for parts
- Define tools
- Track the store time
- Add important remarks to a part number

Counters

- Counter Management is a centralised program to manage all data for counters. See the flow for familiarisation
- See which predefined counters exist and learn that a counter can also be based on a life penalty factor with a formula
- Counters with formulas
- Define a counter
- Learn about the different counter types, like Master, Child and Standalone
- Define a master and child counter template group
- Check the counter tab
- Initialise a master and a child counter to a rotable part
- Counter Template Group in Part Administration
- Link a child counter to a master counter
- Navigate in Part Administration – counter template group.

Counters (cont.)

- Define a daily average for an APU counter
- Create a counter readout in workorder
- Create and print reports with counter values for an aircraft
- How to work with the counter integrity tab
- Work with the history browser tab

Time Requirements

- Revise a time requirement
- Synchronise a time requirement revision
- Rules and sequences

Configuration Management

- Define a new assembly configuration
- Check an as-booked configuration

Work Step and Work Template

- Create a work step in Work Step Repository
- Link a work step with a workorder
- Update a linked work step
- Identify a work step with revision
- Close a work step
- Create a work template
- Create a workorder based on a work template
- Use the Work Template Manager
- Change or update a part number
- Revise and synchronise a work template

Production programs

- In **Workorder Information System,** all workorders that have been entered in AMOS can be retrieved
- *Quick Save* – save current filters and retrieve them any time again
- Perform **a component booking**

Other Engineering programs

- **Oil Consumption** is used to monitor oil usage
- **Minimum Equipment List**
- Use **Publication Management** to administer all kind of publications and Publication Location Report to see of the publications registered to that location