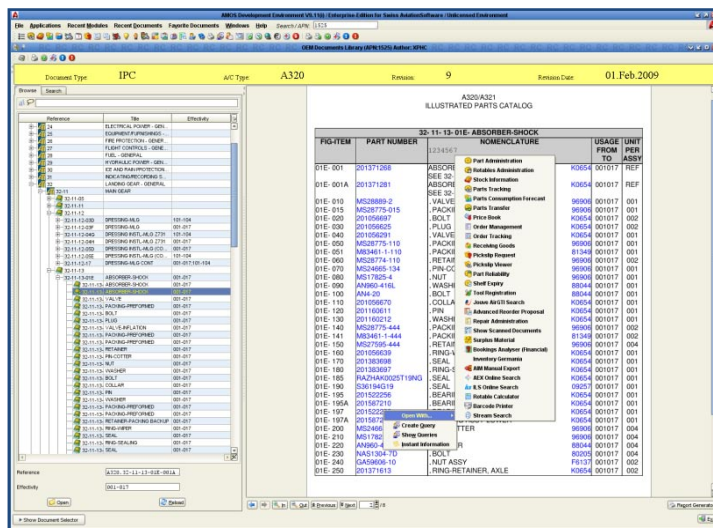
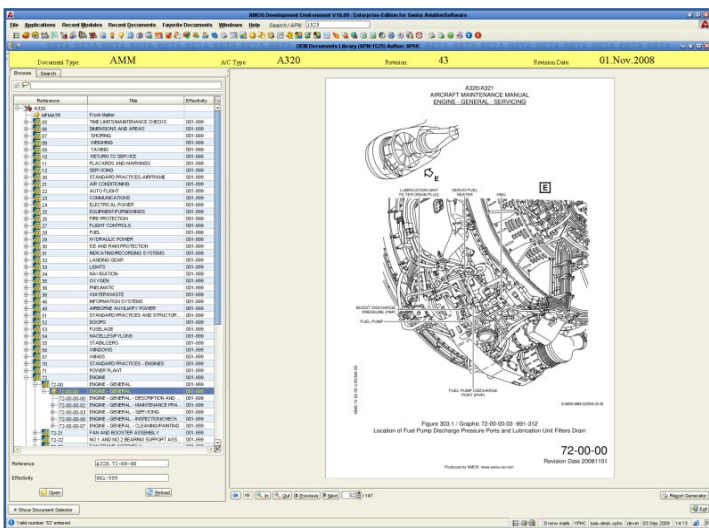


AMOS TECH PAPER

OEM MANUAL LIBRARY – BOOSTING EFFICIENCY DUE TO FULL INTEGRATION INTO AMOS



THE PROS OF PAPERLESS OEM MANUAL LIBRARIES

Aircraft manuals of Original Equipment Manufacturer (OEM) like AMM or MMEL, used to be distributed by the aircraft manufacturer to airline operators and MRO providers in paper. It is the customer's task to hand out and duplicate these manuals for their employees. The initial distribution and renewal has to be prompt and reliable since changes and updates are vitally important. Nowadays, hardcopies are being substituted more and more by electronic manuals since the advantages of a paperless virtual library are obvious: Publication management becomes more efficient as, once the data has been uploaded into AMOS, it is immediately available to all AMOS users. The integrated filter function makes searching easier and faster. Reliability and time efficiency increase regarding the handling of revisions. Each AMOS customer can decide individually, how long updates/changes should be marked within the electronic manual. The OEM manual is fully integrated into AMOS and via right mouse click, all information is immediately made available and thereby time consuming searches in the paper library are avoided. Last but not least, in terms of environmental friendliness, paperless manuals also make a contribution towards saving natural resources.

SUPPORTED OEM MANUALS

With AMOS Release 9.10, the OEM manual library has been launched and AMOS now supports the following documents: AMM (Aircraft Maintenance Manual), MMEL (Master Minimum Equipment List), TSM (Trouble Shooting Manual), IPC (Illustrated Parts Catalogue), MPD Task Card SGML / TSD / XML Format.

For most manuals, availability in SGML format with CGM graphic files is a precondition for uploading. One of the many highlights of the OEM library is the fact that all manuals are fully integrated into AMOS. By means of a filter and search function (also via FIN code) within the electronic compendia, looking for a particular topic is accelerated. Since AMOS provides support for manuals of different manufacturers such as Airbus, Boeing and Embraer, diverse documents are combined in one system. Embedded vector graphics are fully supported and users have an instant access to OEM manuals out of all AMOS modules. All documents are printable and can be converted to PDF.

MANUAL'S SPECIFICATIONS

AMM: AMOS supports initial and recurring data uploads for Airbus and Boeing manuals and provides revision administration. Task cards and all other AMOS programs that support links can have AMM references. Referenced AMM page blocks, tasks or graphics are printable - along with the Task Cards or respective AMOS documents they are linked to.
MMEL: Even before AMOS version 9.10, the Master Minimum Equipment List was already available in AMOS. Recurrent uploads and TIFF graphic files can be loaded into AMOS with the AMOS MMEL Import program and edited with the Minimum Equipment List program. Support is provided for revision handling. The auto transfer of the workorders based on the MEL item's due date is possible. The MEL is fully modifiable and can be adjusted to the customers' needs.
TSM: Periodic uploads of new versions are feasible and for Airbus aircraft revision management is supported. The upload of corresponding Boeing and Embraer manuals should be available soon.
IPC: For Airbus manuals, initial and recurring data uploads and revision management of the latest documents is available, while further features are already under development.

FURTHER PROSPECTS

The Swiss-AS development team is currently working on a feasibility study to create new parts (incl. whole parts' trees) in AMOS while using the IPC catalogue as a reliable source. This feature will substantially simplify the parts' creation process and reduce the chances of mistakes by avoiding manual data input.

ABOUT SWISS AVIATION SOFTWARE AND AMOS

AMOS is a fully integrated maintenance management system developed and distributed by Swiss AviationSoftware Ltd. (Swiss-AS). As a 100% subsidiary of Swiss International Air Lines Ltd., Swiss-AS celebrated its 20th anniversary in autumn 2009. AMOS is the answer to the complex and cost intensive maintenance, engineering and logistics requirements of any modern airline and MRO provider. Today, more than 80 customers from all over the world rely on AMOS and benefit from its continuously enlarged functionalities and technological cutting edge, which makes AMOS the industry-leading MRO software in Europe and one of the best-selling solutions world-wide.