

What's new in SAM Version 9 ?

When ASA made their plans to improve the SAM system in order to meet future aviation regulations and extend its range for use, it was soon clear this new version would become a complete new system. That is, 'New' beneath the surface. The clear and logical interface SAM is known for will still be there including some very smart improvements.

The main functional changes are made in the Logistic modules (Stores, Inquiry&Purchase, Components management, Work-Order and User setup).

A summary of the SAM's new features:

In General




- Throughout the system, you might notice **the windows** of the new SAM version 9.0 look a bit different. That's correct; some of the windows have grown slightly to improve the visual aspect of data processing in SAM. For example; some of the lists presented in the system are now able to show more lines.
- Advance Search Options** has been improved in all Main Browsers. These browsers can now be sorted by various columns with a single click on the header. It is also possible to search in more than one column in one search. Browsers with the advanced search option are to be recognized by a white background.
- Column width** is now adjustable in all browsers.
- All Financial actions in the SAM system now generate '**Financial Transaction Files**'. With these files, ASA can define and create the interface between SAM and your Financial Account system.

Stores Module




- The front page has expended to include **Alternate Part Numbers** (used to be in a separate folder), **IPC references**, **Part Maintenance Actions**, **Devaluation** and scrap value. 'Wished for' order quantity when **reordering** (consumables) can be entered as well to guard maximal inventory quantity. A **picture of the Part** can now be displayed in the Part-number folder.
- The 'P/N-Quantity' folder now includes **components** as well. This means the component folder has disappeared from the Stores module. The quantity folder now includes parts send away for repair stating the repair order number reference. Typical for SAM, all further details on components, repair/purchase-, sales-, or work orders are just a click away. A complete new function in the SAM system enables you to share parts with other SAM-users. Per batch-, or serial number, one can view the user groups sharing the part(s). The quantity on your stores can now be divided between various stores locations with the **Split Batch** function.
- New to the Stores module is the '**P/N-Reference**' folder. This table enables you to define the Airframe/Engine/Component type for which the part is certified.
- The **Historical overview** of the inventory has moved to a dedicated Folder called 'P/N-History'. This folder shows you the complete recorder history of the part-number on a batch/Serial number level. It also shows links between invoices, receptions, batch numbers, purchase orders, etc.

Inquiry&Purchase Module




- The **window layout** has changed to improve data overview and functionality.
- The Order folder has expended to include **Repair Order** creation and **Order Priority** statement (Routine, Urgent, Critical and AOG).
- For adding **text** to the order containing specific instructions or alerts, you are now able to select from multiple texts which could be predefined on your Vendors.
- Parts ordered could now have the aimed-for **Work Order or AC assigned** to it. At parts reception, the destinations of the parts are shown.

-  When **reordering parts automatically** (quantity have reached minimum), the yet to be ordered parts are presented per vendor approved to deliver. When multiple vendors are approved for supplying the part, you can now select an **alternate vendor** from a list to order the part.
-  When receiving a Part on basis of exchange, SAM will now show you an improved **Core Return** window giving you options to directly ship your core return, fulfil core credit or defer return shipping by setting a due date.
-  Optional SAM system add-on: '**Parts Available'-Monitor**. This monitor displays parts recently received parts and all outstanding Purchase and Repair Orders. From the Monitor, Parts can be assigned to a Work Order Job by the push of a button.








Component Management Module

-  The front page has expended to include **Installation details**, Stock number and Location (when not installed on AC), and the **reason for last removal**.
-  The Component-Order folder has changed to include all open **repair-, and/or work-orders**. Typical for SAM, all further order details are just a click away.
-  The historical overview of the component has moved to a new Folder called '**Component-History**'.





Production Recording Module

-  The front page has expended to include **Additional Countings** and technical complaints all on one page.
-  Additional Counting does now include the ability to make **complex calculations on alternative cycles** by using predefined formulas.
-  **Pilot remarks** can now be corrected directly on the log-page without having to create a Work-order for it. The remarks and corrective actions will be recorded and saved in SAM's Complaints database with references to AC Registration and Flight-log number.




Work Order

-  New **Reference/Project** field to group WO to a project. This field could also be used to state customer order reference, warranty order indication, etc.
-  When making a search for due maintenance items, you are now able to select which **categories** to include in the work-order (Task, Component change, AD/SB, complaints).
-  Improved **unscheduled maintenance** jobs creation (Complaint, Task, Other)
-  Option to in-, or exclude **sub-tasks** (See Maintenance Planning, Task Grouping).
-  Possibility to quickly **defer task** to another WO.
-  Improved **Job accomplished window**.
-  Unique overview on accomplished job details before closing the WO and issue release certificates.

Maintenance Planning

-  The Task definition page has expanded to include **Access Panel indication** for task compliance, **Task type**, **Inspection Type** and Mechanic **Skill** required for the Task.
-  **Revisions to Tasks** (AMP revision) can now be prepared and released automatically on the aimed release date.
-  Tasks can now be grouped in a new **Task-Group folder**. You can make Task Groups from any tasks defined in the system. You will have the option to have only the Master Task shown on due lists and work order print-outs or to include all.
-  Tasks can be **exported** and **imported** into the SAM system. This enables you to import tasks from MS excel, access or any other database.

User setup

-  The SAM version 9.0 has given a complete new **user grouping structure** which makes this version able to serve various user groups in one single system.
-  These user groups will have access to their own data but can also choose to share information, for example on inventory and spare parts.
-  This structure also enables a main user to have access to maintenance status of all user groups. This can be of great benefit for Leasing and Maintenance Companies.

"The new SAM Version 9 really brings Aircraft Maintenance management to the next level of excellence..... "

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