AVDEX
AMS

TAKING CONTROL OF AVIATION AMO MANAGEMENT

HOW AMS CAN SAVE MONEY, INCREASE SAFETY AND IMPROVE PRODUCTIVITY

AMO MANAGEMENT

AMO management is a complex function due to all the CAA and quality requirements. Add to this the volume of documents produced and the retention requirements and the task is truly daunting.

AMO management must keep track of inventory, labour, due tasks and maintenance requirements that are continually subject to revision. In the past, these were complied with by large staff compliments and complex paperwork systems. Fortunately there are now software based systems that take care of all these functions, allowing AMO's to improve their margins.

AMSlll from AVDEX is such a web based system that caters to all the requirements of a modern AMO, using minimal staff to capture the functions as they happen and allowing full trace and data retention, while freeing up management to concentrate on running the company profitably.

INVENTORY CONTROL

Control of parts fitted to aircraft is essential to the safety and cost effectiveness of the work carried out. It is necessary to trace parts procurement from purchase orders all the way through to the final fitting onto an aircraft. AMSlll provides accurate parts ordering through a detailed purchase order system that allows full trace of parts origins. The purchase order system allows purchase in either local or foreign currencies. These are then received into stock allowing accurate calculation of landed cost including freight if applicable. Full trace is enhanced by allowing links to scans of Authorised Release Certificate (8130 or EASA Form1) in digital format to each batch.
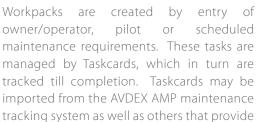
Parts are issued to Workpacks thereby creating real time work in progress values. Parts may be issued to individual Taskcards, to enhance cost determination for these tasks. Full traceability of parts used is recorded.

Multiple reporting for inventory movements gives management an overall view of purchase, sales and stock levels.

Open order listings allows for accurate cash flow forecasting.

WORKPACK CONTROL

Workpacks are created by entry of owner/operator, pilot or scheduled maintenance requirements. These tasks are managed by Taskcards, which in turn are tracked till completion. Taskcards may be imported from the AVDEX AMP maintenance tracking system as well as others that provide Excel files of due tasks.

Compliance detail of Taskcards is used to generate CRMA or Authorised Release Certificate documents. These Taskcards allow predicted labour time to be added and record labour as technicians comply, allowing accurate labour calculations and Workpack progress reporting.

OUTWORK (SERVICES)

The program produces purchase orders for services to be complied with by other providers. These may be linked to a Workpack or store (Rotable) as required. The costing and marked up selling price are automatically calculated and added.

Service providers (AMO) can be tracked for certification compliance and the current certificate linked. This provides accurate control over the outwork service providers that are used.

COSTING

Ongoing cost analysis of a Workpack is available at any time to allow AMO personal to determine if the workpack complies with the values as authorised by the client.

Real-time WIP calculations allow management to readily assess the impact of timely invoicing.

LIBRARY CONTROL

The library listing allows recording of all manuals used within the workshop and tracks the latest manual revisions currently used in the library. Reports show exact status of the AMO library for CAA and other inspections.

Manuals may be linked to task cards as reference for work carried out.

ACCESS CONTROL AND SECURITY

Full access control allows access to only those functions to which users have the right to view, add, edit or change.

DOCUMENT LINKS

Various digitised documents may be linked to functions within the program.
- Supplier approval certificates
- Workpack scans
- Workpack invoice
- Release documents for parts
- Outwork (Services) invoice
- PO invoices
- Personnel licence

SHOULD YOU REQUIRE ANY FURTHER INFORMATION PLEASE FEEL FREE TO CONTACT AVDEX AT:

AVDEX

P.O.Box 420, Paardekraal, 1752

T +27 (0)11 954 1536

E info@avdex.co.za

W www.avdex.co.za