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AVDEX TOOL MANAGER

TAKING CONTROL OF AVIATION
AMO TOOL STORE FUNCTIONS

AVDEX TOOL MANAGEMENT

Tool Manager is a tool control application, designed to facilitate easy recording of tool movements from and back to the store. Tool movements can be linked to a calibration action or issued to a person or workpack.

The Tool manager is natural extension to our other applications assisting maintenance organizations to keep track of aircraft maintenance and schedule of maintenance tasks.

This application was carefully designed to follow the natural path of tool issuing with the minimum interaction required from the user. Full reporting is available to assist users in knowing exactly where every tool is and which tools were not returned as expected. The Tool manager application is effectively a powerful online shadow board, with the added advantage that detailed information is available.

Security built into the program allows management to control which users can have access to various functions of the program. It is also designed for a web based environment that will allow users access to the central data base via any browser.

TOOL REGISTER (STORE)

The Tool Manager application is built around the tool register. All the tools are recorded and identified in a tool register. The register records all relevant tool information including calibration requirements if any. Tools are also divided into user definable types to assist with the management of tools and simplify tool selection or filtering.

Tools can further form part of a tool group. A tool group is a group or set of tools that are normally issued together as a set. This allows easier issuing of for example tool boxes etc.

The definition of tools can be extended to incorporate manuals and other library related documents and procedures.

A complete tool history and current tool location can be recovered from the tool register.

ISSUE AND RETURN

Tools are issued from the store and returned to the store as users actually move the tools.

Tools can be issued to a person, a job, for calibration or other locations (such as an away job). All these locations are user configurable to ensure it is tailored to each end user.

Tools issued for calibration will on return reset the calibration date and flag the tool for the next calibration event. This enables a full calibration history to be available for each individual tool that requires calibration.

REPORTING

Various report options allow full traceability of tools. It is always possible to get online reports of tools issued to an AME or Workpack.

Similarly tools can be traced when out for calibration or those that might be on loan to another company or client.

SECURITY ACCESS

Various security levels are designed into the program to assist management to restrict access to the various program elements as required by different users.

All tool movements are recorded against the name of the person taking responsibility of the tool as well as the person recording the issuing or return of the tool.

ADAPTABILITY

The program is designed for a default operation, but users are able to extend the options to match their requirements or to disable sections of the program not used.

TOOL TYPE

Tools can be linked to various tool types as defined in the data base.

Tool types are used to filter tools but also to define the calibration period. When the calibration check box is checked on the tool type window, the period will be transferred to all tools grouped to the selected type. This will also be the case if the period is changed with the calibration box checked.

Note that changing the type calibration period will therefore reset all the calibration expire dates of tools grouped under the selected type.

LOCATIONS

Primary tool issue locations can be any of the following:
- Personnel
- Workpacks
- Calibration authority
- Other location

All of the above can be edited or modified by the end user.

Existing users of our Aircraft Maintenance Software (AMS) can integrate the Tool Manager program to use the AMS Workpack and personnel data base. These destinations can be disabled if not required.

DOCUMENT LINKS

Digitised documents may be linked to functions within the program.
- Calibration approval certificates
- Tool picture
- Manuals
- Procedures

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