

WODAaviation

Example: Tool & Equipment Management System for Airplane Maintenance

Our standard software WODA was extended by some functionalities around this specific application concerning the terminology and properties to be registered in this **WODAaviation** system.

System description:

- Structure of the software:
 - Configuration/basic setting of the data recording devices (handheld readers, stationary readers, antennas ...), database linkage, program features, tool store locations, stockyards, cost centers, categories ...
 - Tool and equipment administration
 - Order management and airplane management
 - Personnel management
- Clear marking of the tools with barcodes (1D or 2D) or transponders
- Allocation of tools to an airplane/order
- Recording and identification of the lending employee by personnel transponder
- Recording and identification of all working steps of the employee at the tool store by personnel transponder
- Time stamp for lending time and return time
- Checking of the airplanes with working end on perhaps forgotten or left behind tools
- Lending possibility of tools in other issuing departments
- Administration of repair and maintenance dates
- Gradated user rights



Customer's benefit:

- ❖ Intuitive usability of the software
- ❖ Permanente, automatic and electronic overview of the machines and storages places
- ❖ Paperless and continuous stocktaking
- ❖ Quick issue and return of tools
- ❖ Exact traceability of the tools and machines
- ❖ Assignment of the responsibilities
- ❖ Control of the tools used in an airplane
- ❖ Checking of the return by order conclusion
- ❖ Easy and quick discovering of the objects
- ❖ Support by the observance of the maintenance dates
- ❖ Documentation of the carried out repairs and maintenances at the tools
- ❖ Recording of the times of use of the equipment, e.g. to the cost inquiry
- ❖ Higher solution for location-covering tool & equipment management

