

TOOL MANAGEMENT SYSTEM

User guidance

User Guidance

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1. Tool creation

The screenshot shows the ALASKAR Tool Management System interface. At the top, a navigation bar includes 'Time Sheet', 'Settings', 'Backup', 'Users Registration', 'File Storage', 'Help', and 'Exit'. The main dashboard features several tiles: 'Dent & Buckle Catalog', 'Line Work Orders', 'Stock', 'Shortage', 'Tools Management System' (highlighted with a blue box and a '1' callout), and 'Logistic'. Below these are 'Purchase Order Receiving-approval' and 'New Shortage' tiles. A table below the dashboard lists tools with columns for ID, PN, REG ID, and DESCRIPTION. A green 'ADD' button is visible in the top right of the table area, with a '2' callout. The 'TMS Editor' form is open, showing two tabs: 'Tool' and 'Calibration'. The 'Tool' tab is active, and the form contains fields for 'In Required List' (with a '4' callout), 'Kit', 'Tool PN *', 'Registration ID', 'Status *' (with a dropdown menu), 'PN Description *', 'Supplier *', 'Manufacturer *', 'Supplier PN *', 'Serial No', 'Ref. in Maintenance Data', 'Usage', 'Remarks', 'Owner', 'Store (STA) *', 'Store Address *', 'Inserted by', 'Updated By', 'Inserted Date', and 'Updated Date'. A green 'CREATE' button is at the bottom, with an '8' callout.

1. To work with Tool Management System (TMS), select Tab “Tool Management System”. TMS is designer to make a tool. Also, you can set calibration for different tools and create KIT.

2. Push green “ADD” button. TMS Editor will be open.

3. TMS Editor is divided in two tabs: “Tool” and “Calibration”. Select “Tool” tab.

4. There two fields for check boxes: “In Required List” and “Kit”. “In Required List” field is used for set minimum required list of other tools for aircraft maintenance performance.

5. NOTE: Fields with a reference marks (*) are mandatory to fill. Therefore, enter part number of a tool (“Tool PN” field), select “Status”, fill out “PN Description” field. Choose from combo box “Supplier”, “Manufacture” and “Supplier PN”. If it is necessary enter “Registration ID”.

6. “Serial No”, “Ref. in Maintenance Data”, “Usage”, “Remarks” and “Owner” fields are filled in at well.

7. Select store (STA), choose or enter store address, also, enter “Inserted by” and inserted date. If you perform Update for the tool, indicate Updated By and Updated Date

8. Click on the green “CREATE” button.

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9. After pressing the “CREATE” button you can see the tool in the general list. Highlight it and tool bar will be appeared.

10. If you want to attach any document to the tool, push “ATTACH” button and “Attachments” screen will be open.

11. Select type of a document.

12. Click on the “Attach file”.

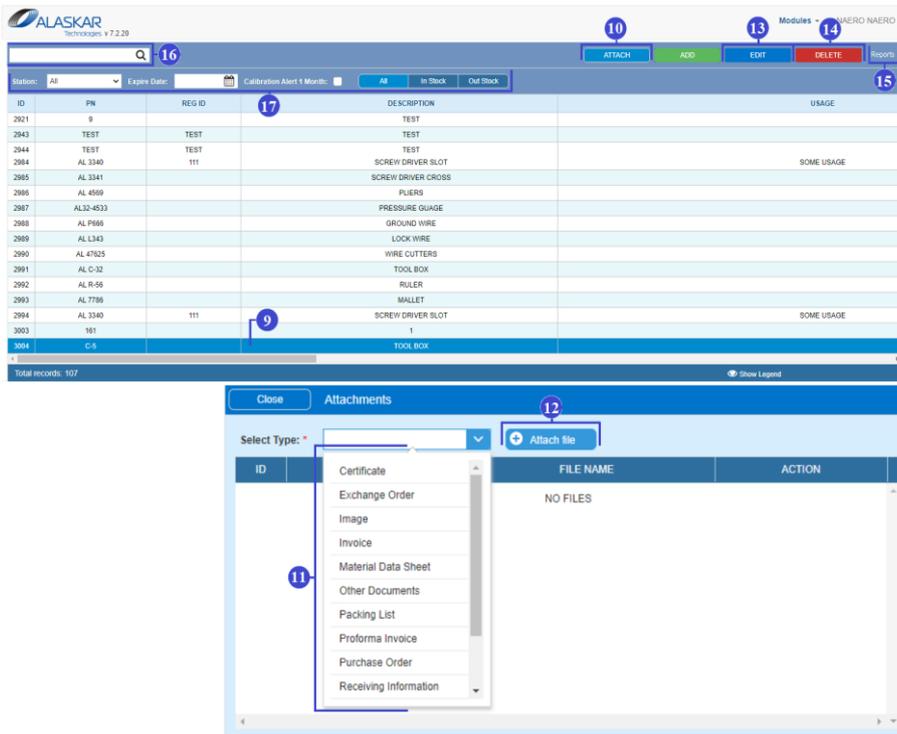
13. If you want to make change in the created tool, click on the “EDIT” button and editor will be open. Make a change and save.

14. To remove the tool, push “Delete”.

15. To create and print report click on the “Reports”.

16. Use white empty field as a filter to find necessary tool.

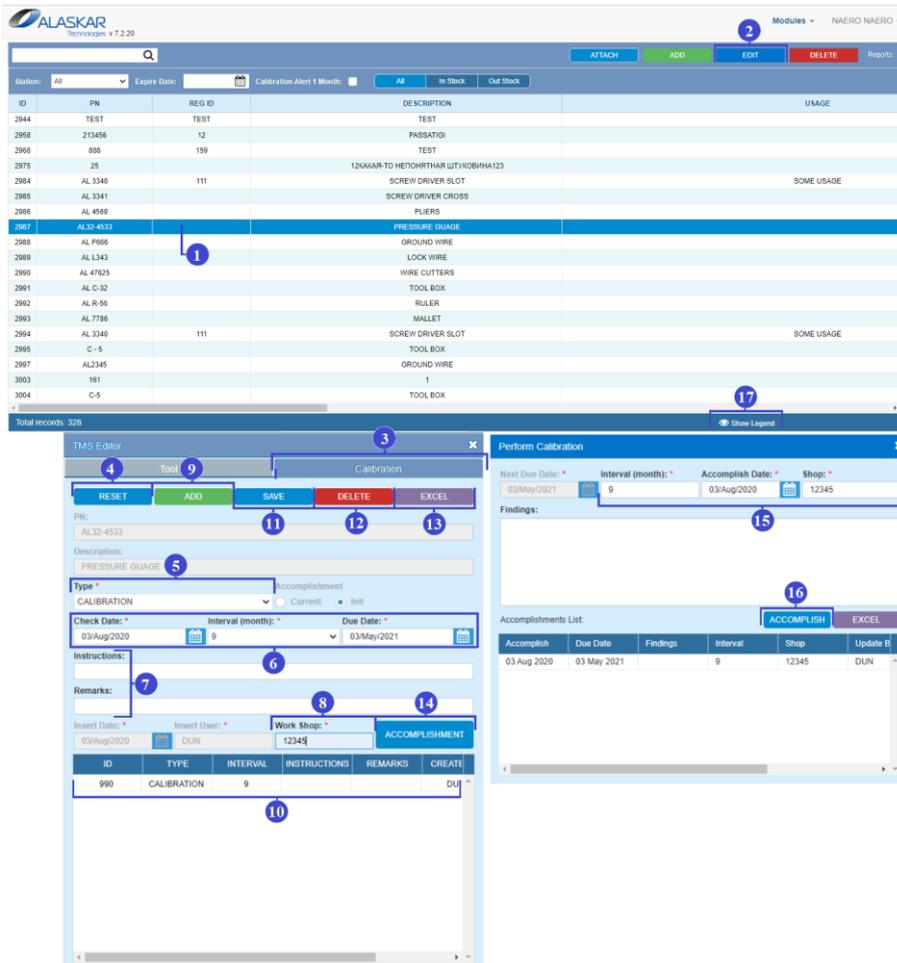
17. Also, you can select “Station” and “Expire Date” data. Check box “Calibration Alert 1 Month” to see tool with expire less 1 month. “In Stock” button allows to see all tools in store. “Out Stock” button allows to see all tools, that were handed out. “ALL” button allows to see absolutely all tools, that were created in the editor.



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2. Calibration

1. Select and highlight a tool.
 2. Push on the “EDIT” button and TMS Editor will be open.
 3. TMS Editor is divided in two tabs: “Tool” and “Calibration”. Select “Calibration” tab.
 4. Push on the “RESET” button to clear all fields.
 5. Select from combo box a type of check. (Testing, Calibration, Inspection, Service or Maintenance).
 6. Choose Check Date. Set interval (month) of a check.
 7. If it is necessary enter instructions and remarks.
 8. Fill out “Work Shop” field.
 9. Push “ADD” button.
- NOTE: “TMS Editor” is necessary to make different type of check for one tool. That is, for the same instrument, for example, calibration and verification and inspection must be performed.**
10. After pressing “ADD” button you will see the data in the list below. Highlight the line.



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The screenshot displays the ALASKAR TMS web interface. At the top, there's a navigation bar with 'ALASKAR Technologies v 7.2.20' and 'Modules - NAERO NAERO'. Below this is a search bar and a toolbar with buttons for 'ATTACH', 'ADD', 'EDIT', 'DELETE', and 'Reports'. A table lists tools with columns for ID, PN, REG ID, DESCRIPTION, and USAGE. Callout 1 points to a row in the table. Below the table is a 'TMS Editor' window for a 'Calibration' record. Callouts 2-10 point to various fields and buttons in this editor, including 'RESET', 'ADD', 'SAVE', 'DELETE', 'EXCEL', 'Type', 'Check Date', 'Interval (month)', 'Due Date', 'Instructions', 'Remarks', 'Insert Date', 'Insert User', 'Work Shop', and 'ACCOMPLISHMENT'. To the right, a 'Perform Calibration' window is open, showing fields for 'Next Due Date', 'Interval (month)', 'Accomplish Date', and 'Shop'. Callouts 11-17 point to these fields and the 'ACCOMPLISH' button. Below this is an 'Accomplishments List' table with columns for 'Accomplish', 'Due Date', 'Findings', 'Interval', 'Shop', and 'Update B'.

11. Then you can make changes in three fields: “Type”, “Instructions” and “Remarks”.

12. To remove data click red “DELETE”.

13. To transfer data to excel, push “EXCEL” button.

14. Push on the “ACCOMPLISHMENT” button. “Perform Calibration” screen will be open.

NOTE: “Perform Calibration” screen is necessary to set interval and confirm execution of only one type of check.

15. Select Accomplish Date, enter Shop number and interval (months). Next Due Date will be automatically generated.

16. Push “ACCOMPLISH” button. So, you just confirmed the type of check.