AMP – Aircraft Maintenance Program

User guidance

Contents

1. General

Aircraft Maintenance Program (AMP) is a final version of a maintenance program, based on the ‘pattern’ – the Logical Model, which can be modified for a particular Aircraft Family.

The user’s manual consists of nine sections: Aircraft Maintenance Program Creation, Aircraft maintenance program editor, AMP Position Structure Update, AMP Maintenance Requirements, AMP Maintenance Model, AMP Plan, POS – AMP MR, Task Effectivity, and MRB (Maintenance Review Board) Category Codes.

Aircraft Maintenance Program Creation provides step by step overview of the new AMP creation and how to open AMP screen.

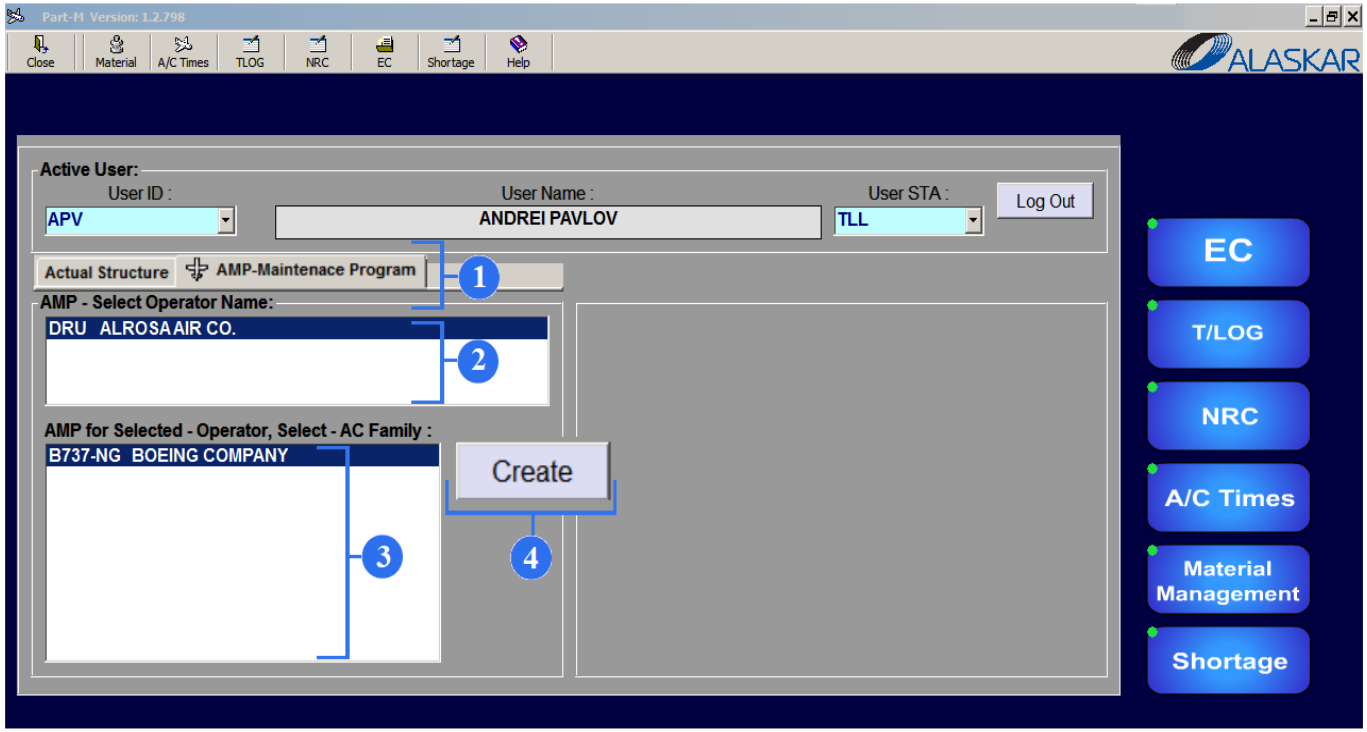
Aircraft maintenance program editor gives you information about Editor items, AMP draft and how to disactivate the already existing AMP.

AMP Position Structure Update consists of the seven subjects. Here you can know how to add of the new component into the structure, also you give information of the overview of main and lower assemblies, substitute part number overview and registration and part effectivity registration.

AMP Maintenance Model is used for the distinction of all existing tasks and their future group completion.

In conformity with the selected Logical Model, a Maintenance Plan will be displayed, where all existing tasks can be distributed according to the Maintenance Model. Here you can add/delete any tasks to the Maintenance Model, if necessary.

2. Aircraft Maintenance Program Creation

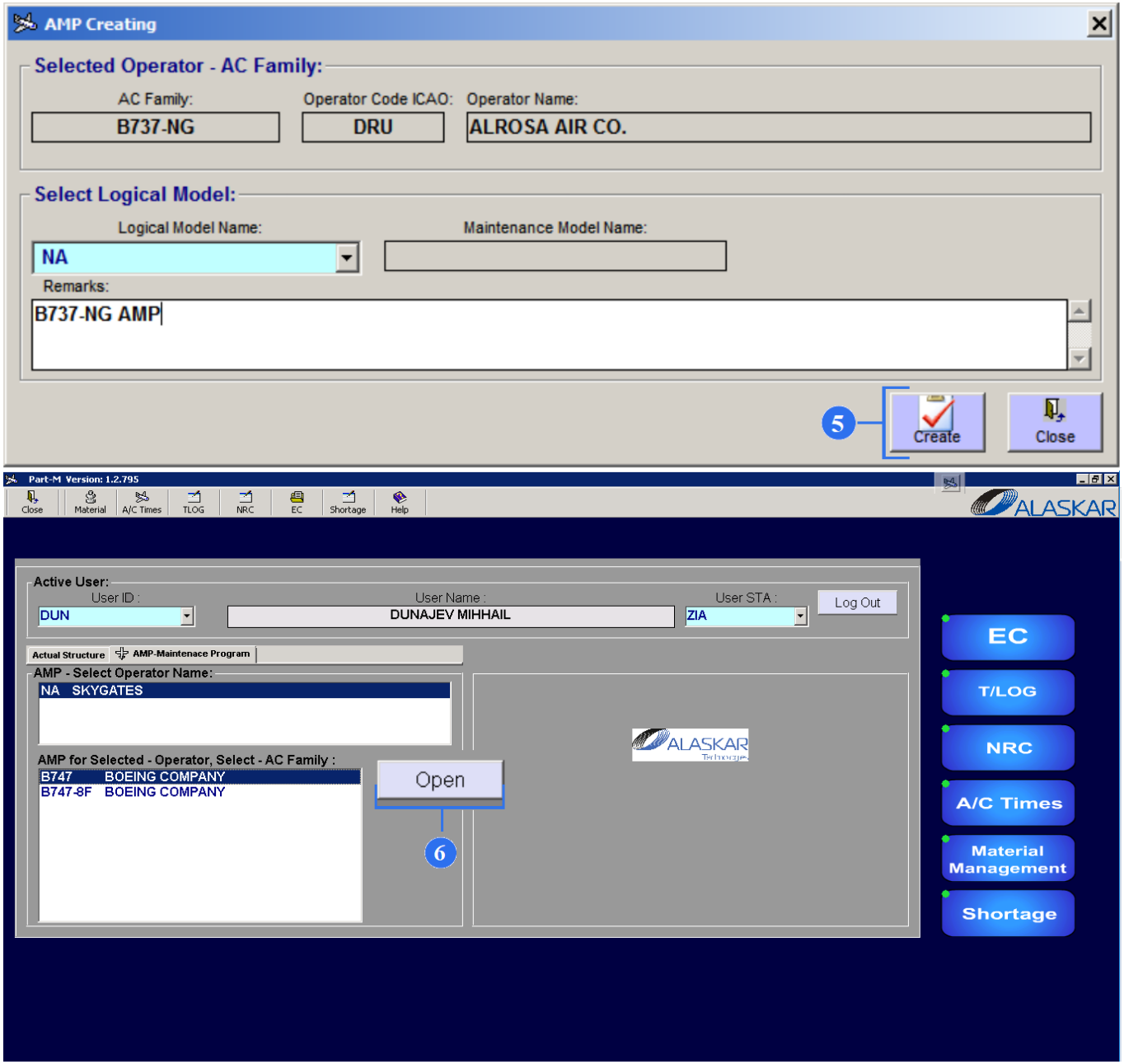


1. Push “AMP – Maintenance Program” button.

2. From the whole list select Operator name.

3. For corresponding AMP selected Operator, highlight AC family.

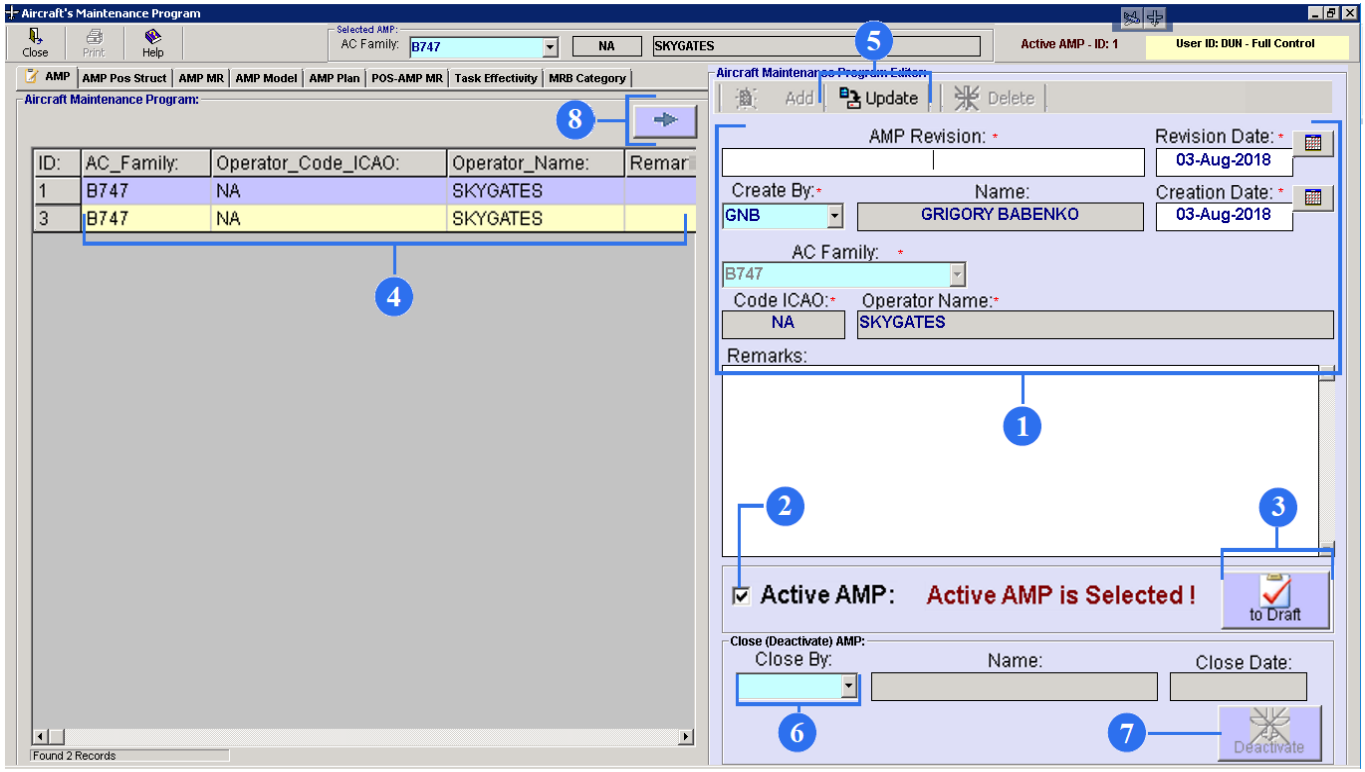
4. Push “Create” button. AMP Creating screen will appear.



5. AC Family, Operator Code ICAO and Operator Name will automatically appear. Click on the “Create” button to make AMP.

6. When the AMP is created you can open it by clicking on the “Open” button.

3. Aircraft maintenance program editor

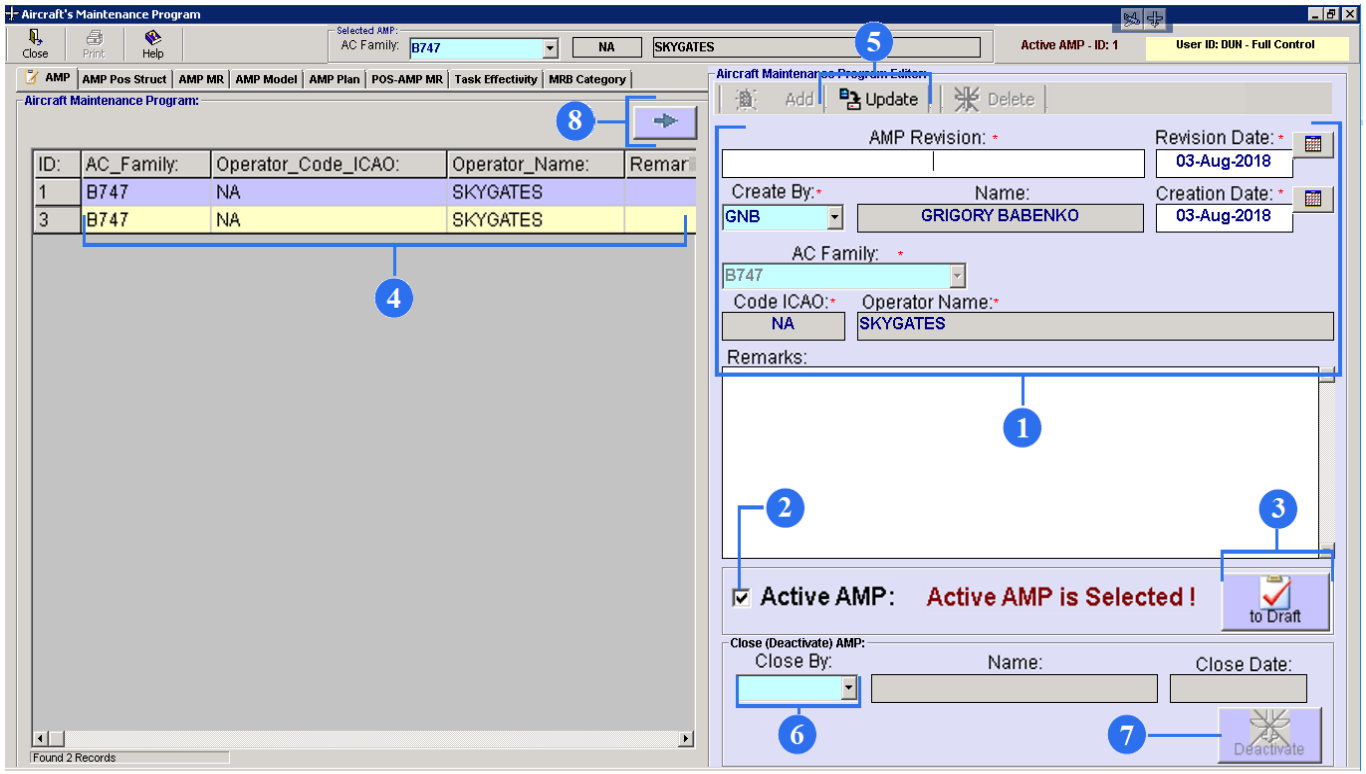


1. After the AMP creation, fields such as “Created By”, “Name”, “Creation Date”, “Code ICAO” and “Operator Name” will be automatically filled. Type only “AMP revision”, “Revision Date” and “Remarks” if it is necessary.

2. The ‘Active AMP’ check box is selected, when this AMP is already used for a particular aircraft family.

3. If you want to create an AMP copy, push “to Draft” button.

The AMP Draft is usually used when an AMP is already active for a particular aircraft family, and you cannot apply it for another aircraft family. When you create a draft, the whole Maintenance Program will be copied, and then can be modified and activated for another aircraft family.



4. A Draft version is yellow-coloured in the list.

5. If you add data in the AMP editor (for example change of the AMP revision) push on the toolbar “Update” button to save change data.

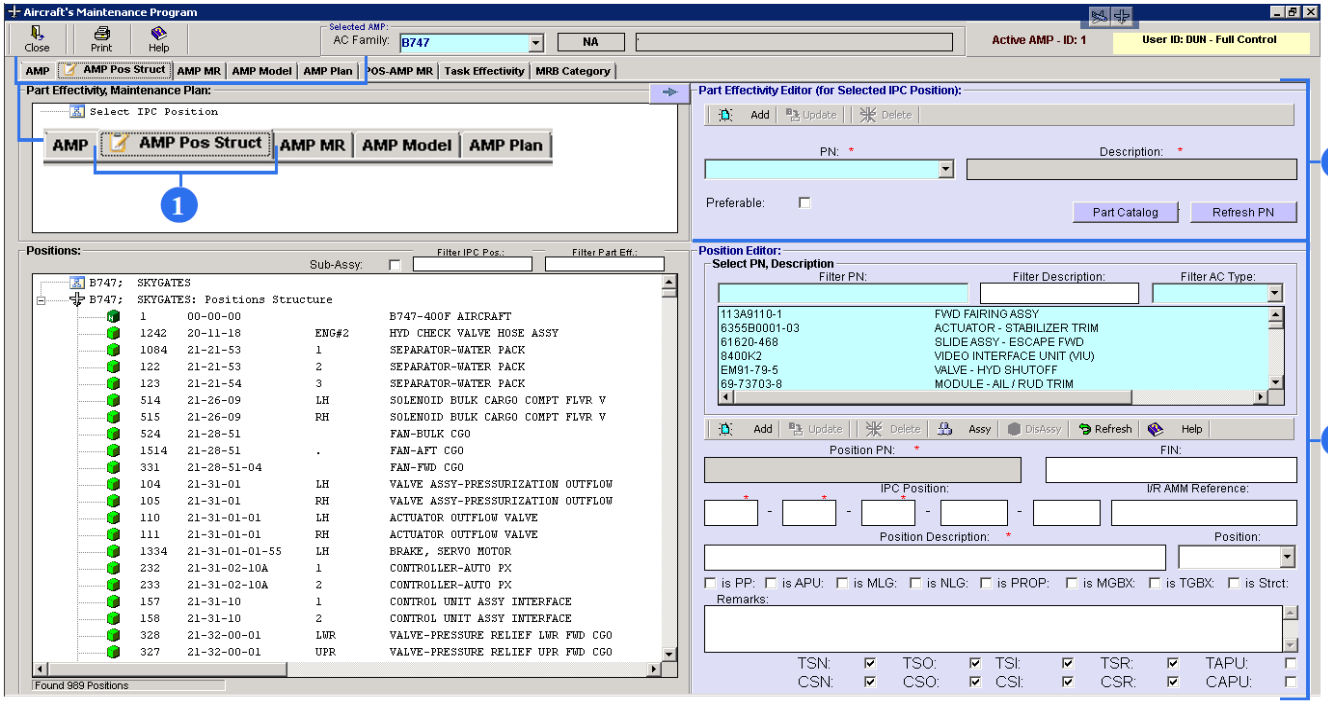
6. To disactivate the AMP, enter your ID in “Close By” field. Name and close date will automatically appear.

7. Push “Deactivate” button and corresponding AMP will be removed.

8. Push button with the needle to open or close Aircraft Maintenance Program Editor

4. AMP Position Structure Update

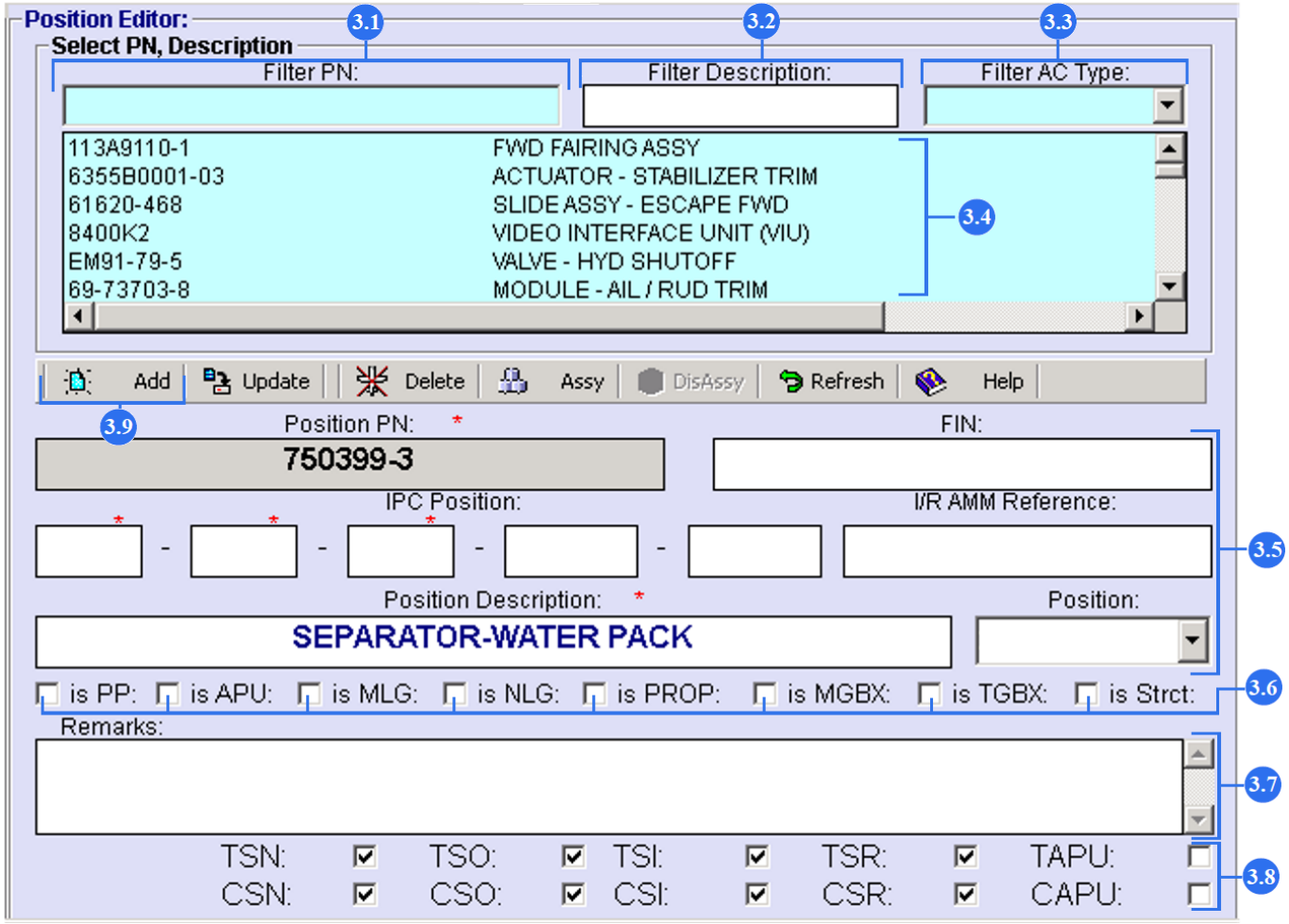
4.1. Add of the new component into the structure



1. To open AMP position structure screen, click on the AMP Pos Struct.

Editor for AMP Pos Struct screen is divided on two part: “Part Effectivity Editor (for Selected IPC position)” (item # 2) and “Position Editor” (item #3).

Turn to the item #3.



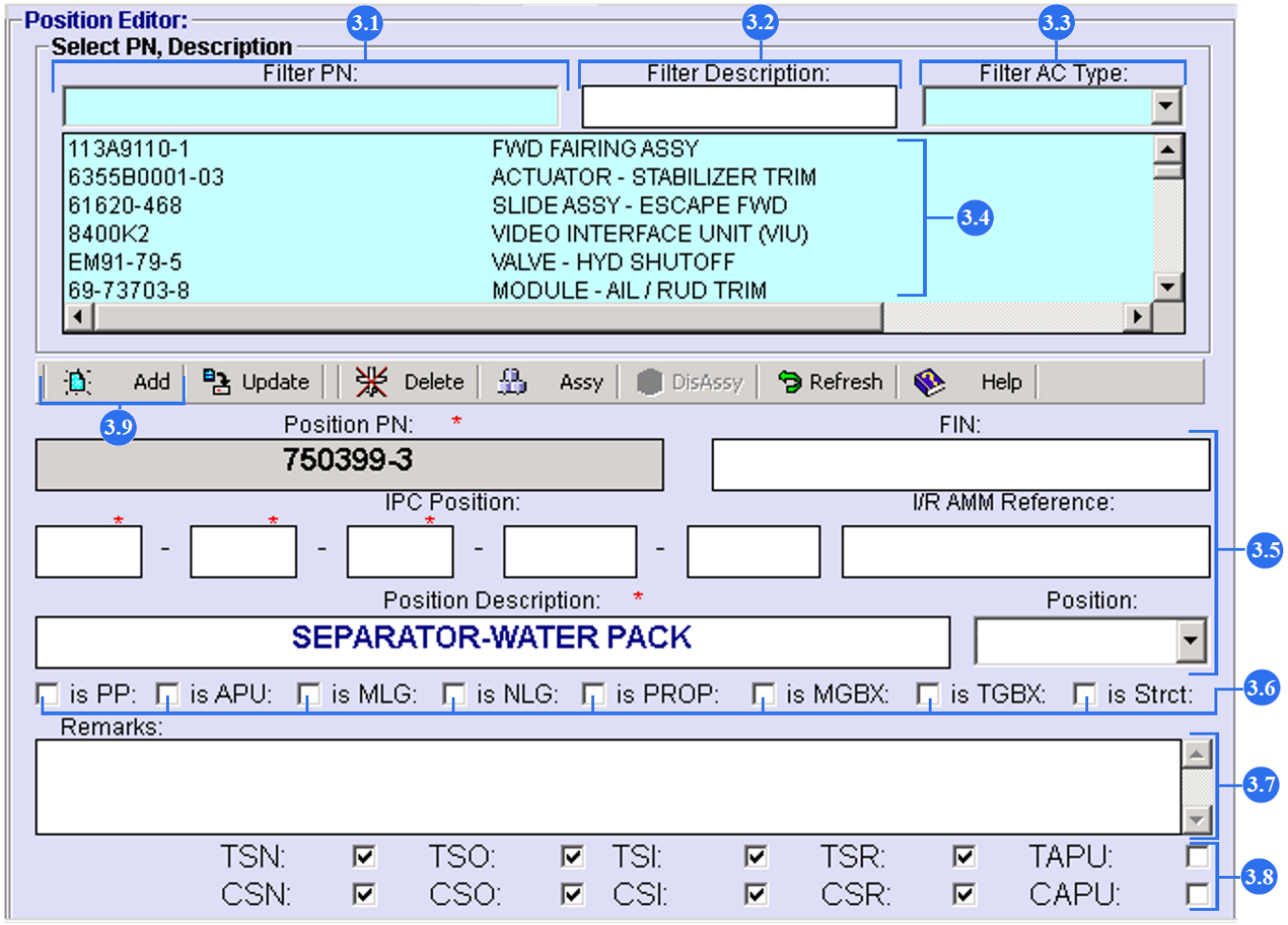
3.1. To add a new component into the structure you should find it from the whole list (see item 3.4) using “Filter PN”.

3.2. Also, you can use “Filter Description” to find new component.

3.3. “Filter AC Type” can help to look for new component.

3.4. The list of all these components is a database of components with their part numbers and descriptions, which are automatically taken from the “Material Management” sub module of Part – M module. Highlight and click two times on the suitable components part number.

If you can’t find the part number of the component, you must enter component data in “Material Management” sub module and save this information. Then you can use filters 3.1, 3.2, or 3.3 again to look for corresponding part number of the component and add it to the structure.



3.5. Position P/N and Description will be automatically displayed.

Type an IPC Position.

Use “FIN” field and “I/R AMM Reference” field to enter auxiliary information, where FIN – functional item number.

I/R – installation and removal.

Also don’t remember to select component position.

3.6. Select a component (ASSY) by ticking one of the fields, where:

-PP is Power Plant;

-APU is Auxiliary Power Unit;

- MLG is Main Landing Gear;

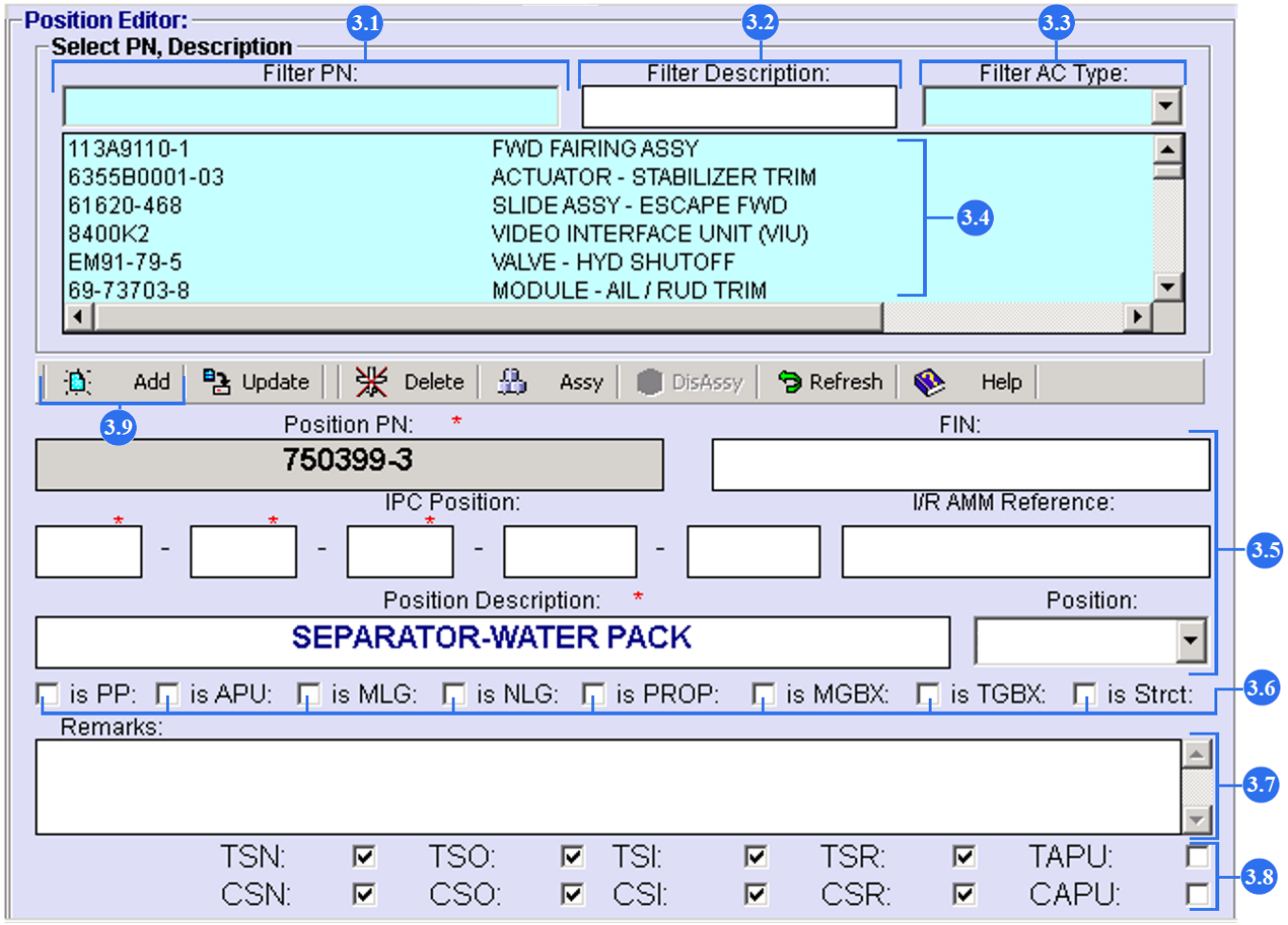
- NLG is Nose Landing Gear;

- PROP is propeller;

- MGBX is Main Gear Box;

- TGB – Tail Gear Box;

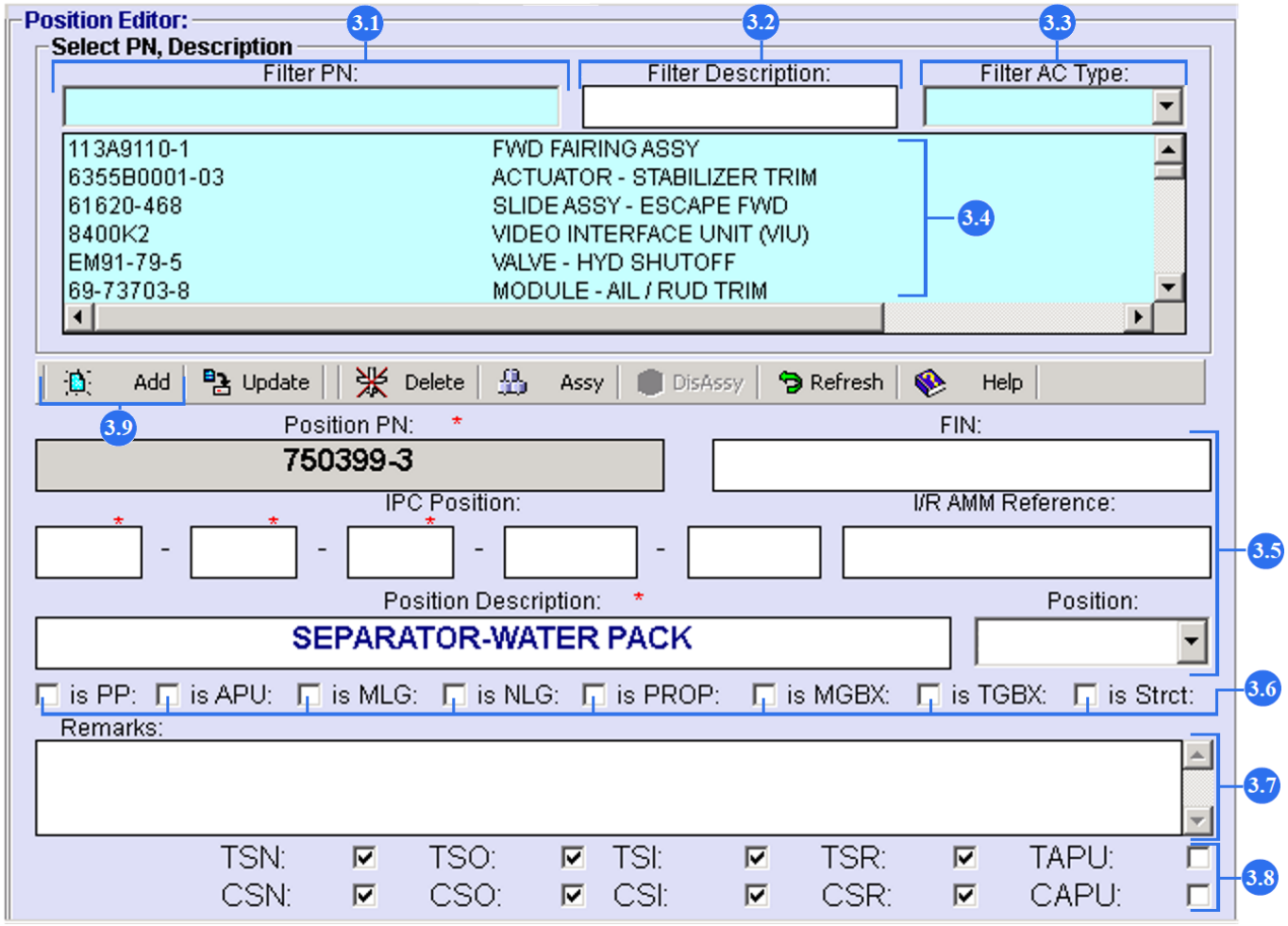
- Strct – Structure.



Consider this item on the example of the APU.

APU has its own IPC position. You type the IPC position of the APU accordance to item 3.5. and it is required to tick the APU field. If you type IPC position of the APU bleed valve (for example) it is impossible to tick the APU field, showing affiliation to the APU.

3.7. Type any Remarks. Filled ‘Remarks’ field will be displayed in an Aircraft Configuration Report.



3.8. Tick the fields of component maintenance start time. Selected Times will be displayed in the “Actual” sub-module.

TSN – Time since new,

TSO – Time since overhaul,

TSI – Time since installation,

TSR – Time since repair,

TAPU – APU time,

CSN – Cycles since new,

CSO – Cycles since overhaul,

CSI – Cycles since installation,

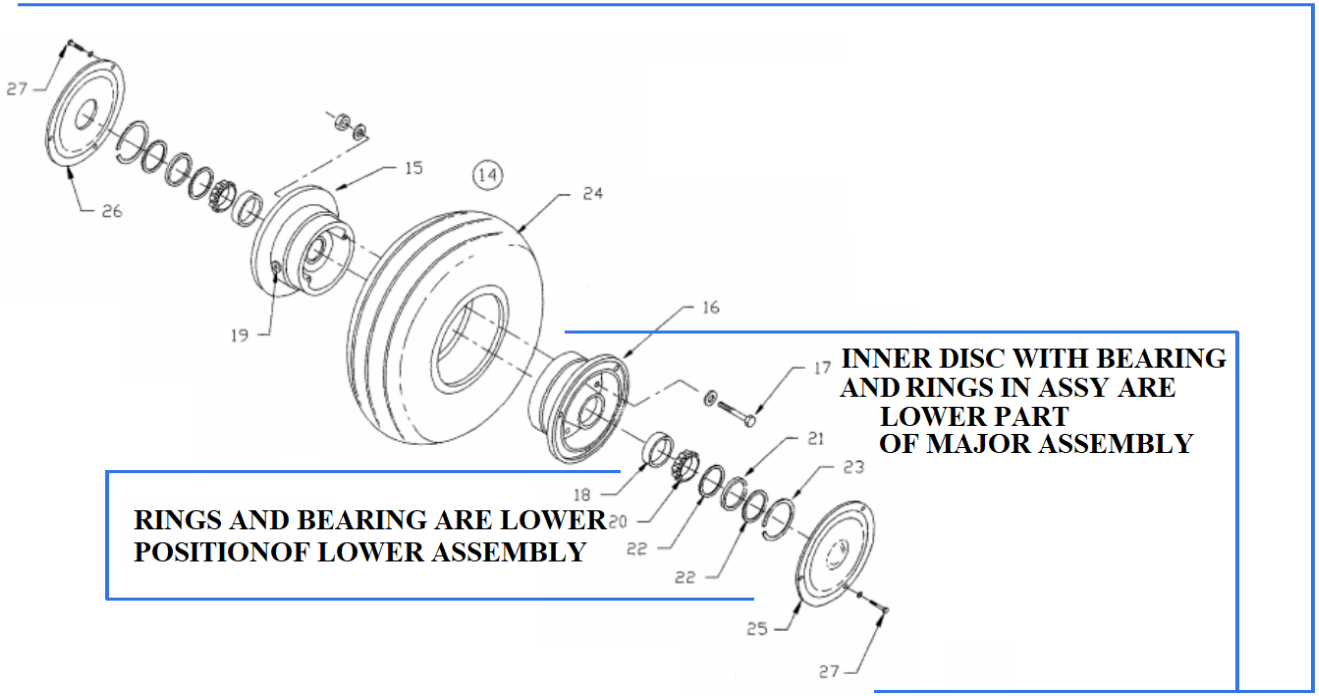
CSR – Cycles since repair,

CAPU – APU cycles.

3.9. To save enter data push “ADD” button.

4.2. Overview of Main and Lower Assemblies

EXAMPLE

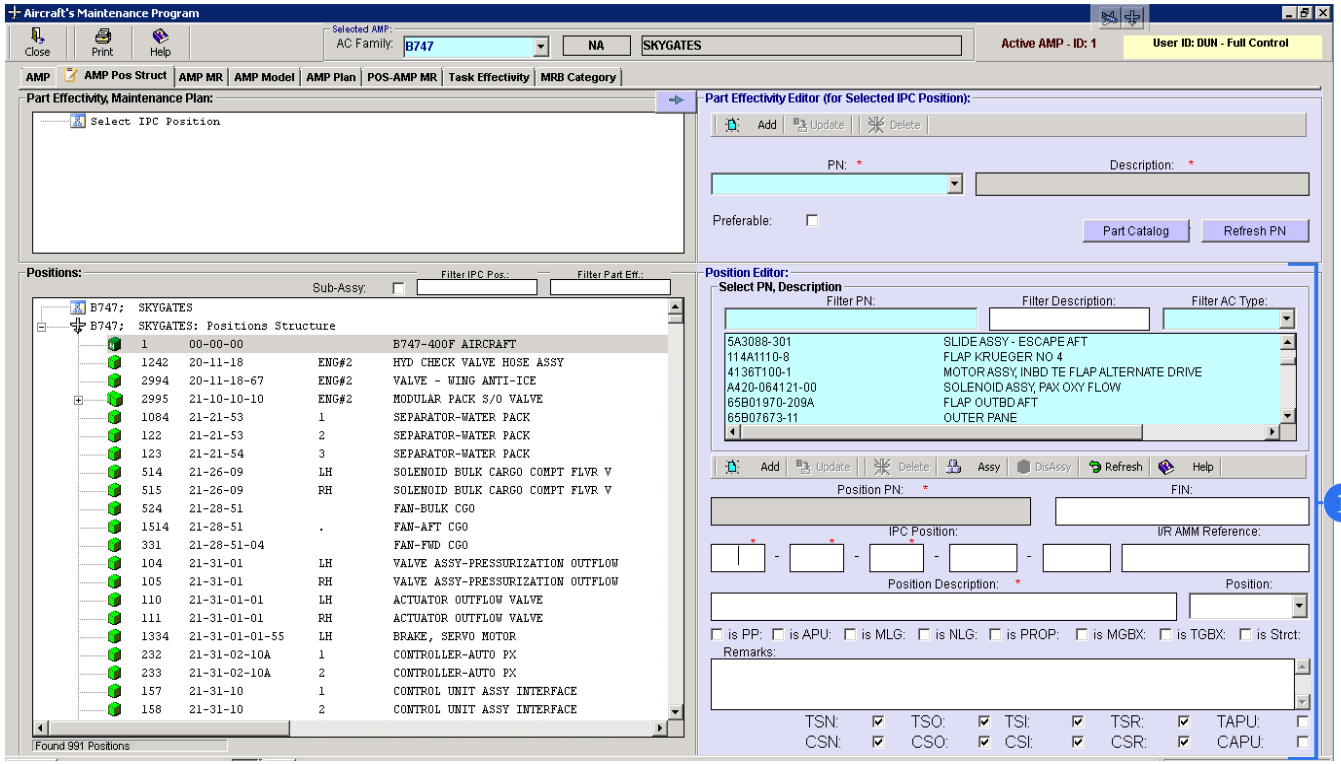


The program supports three-level structure of IPC position assembly for components registration.

Component structure consists of the following positions:

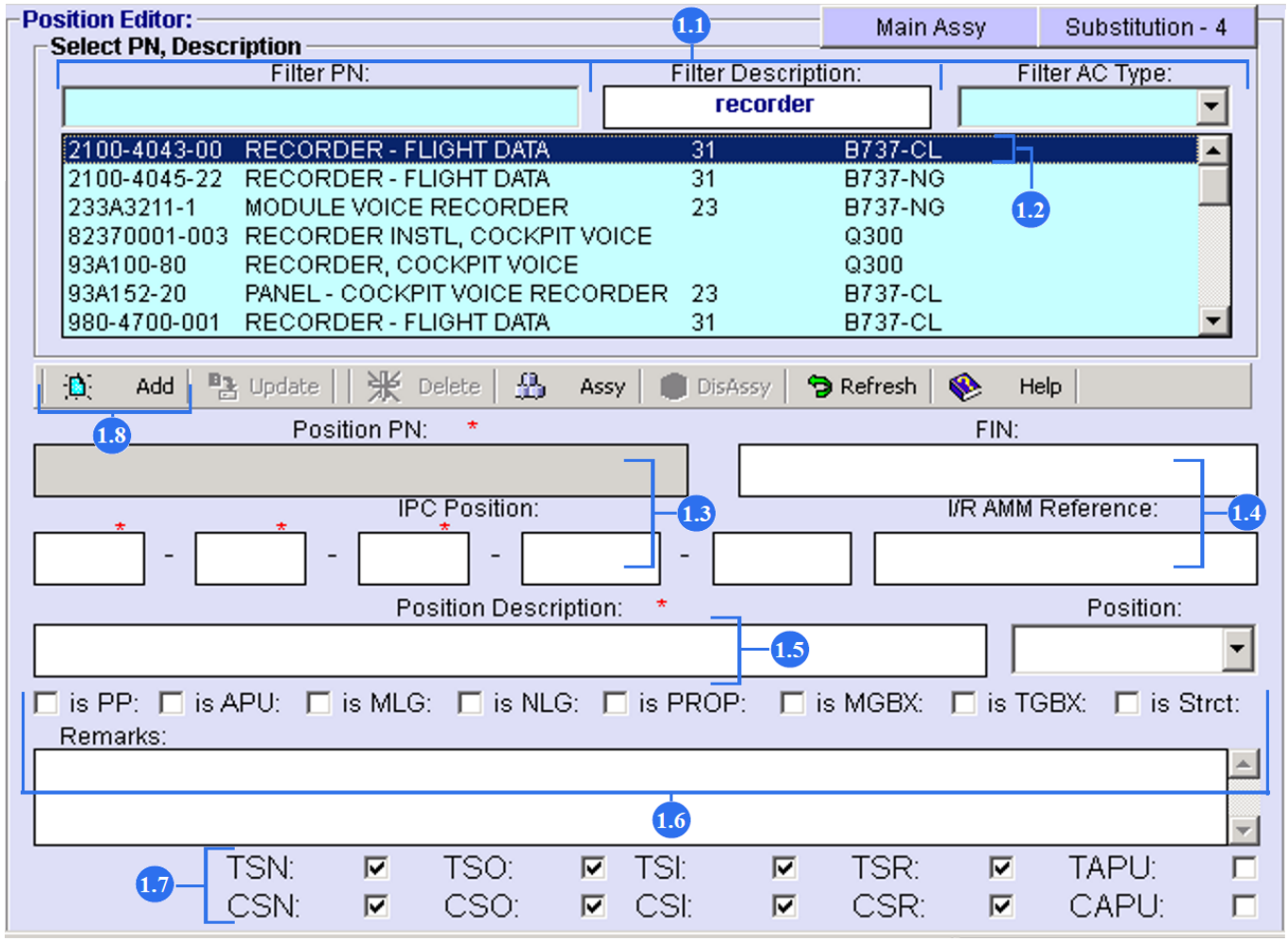
- NA – Not an Assembly (single position);
- MA – Major Assembly (upper level of Assembly);
- LP – Lower Part of Major Assembly (second level of assembly);
- LA - Lower Assembly of Major Assembly (second level of assembly);
- LPLA – Lower Part of Lower Assembly (third level of assembly).

4.3. Assembly Creation



1. To create assembly it is necessary to operate with Position Editor.

For the instance we will use Flight Data Recorder assembly with Underwater Locator Beacon as lower part of FDR.



1.1. Use Filter PN, Filter Description or Filter AC Type to find FDR.

1.2. From the whole list of the component click two times on the line.

1.3. Position PN will automatically appear. Enter IPC Position.

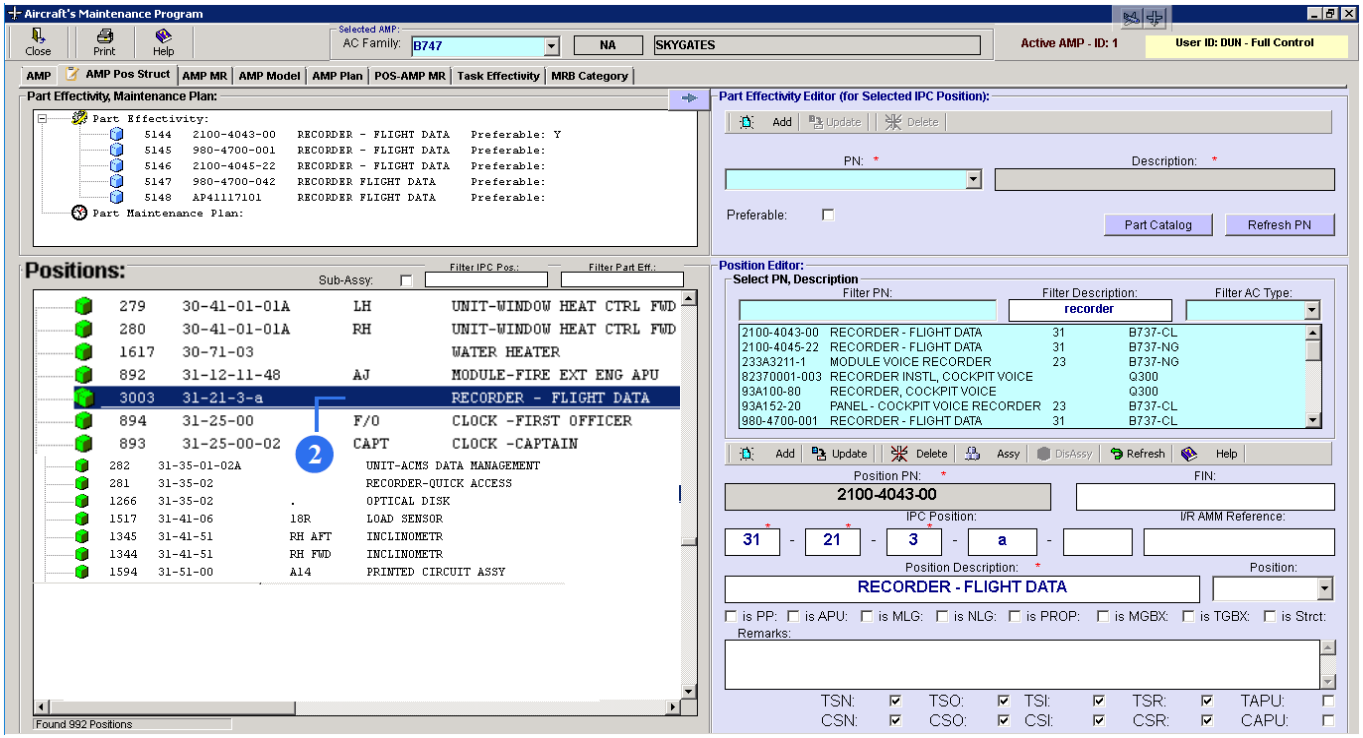
1.4. If it is necessary enter FIN number and removal/installation reference from AMM.

1.5. Enter Position Description (name of the component).

1.6. Use “Remark” field and filters as additional information.

1.7. Tick the fields of component maintenance start time. Selected Times will be displayed in the “Actual” sub-module.

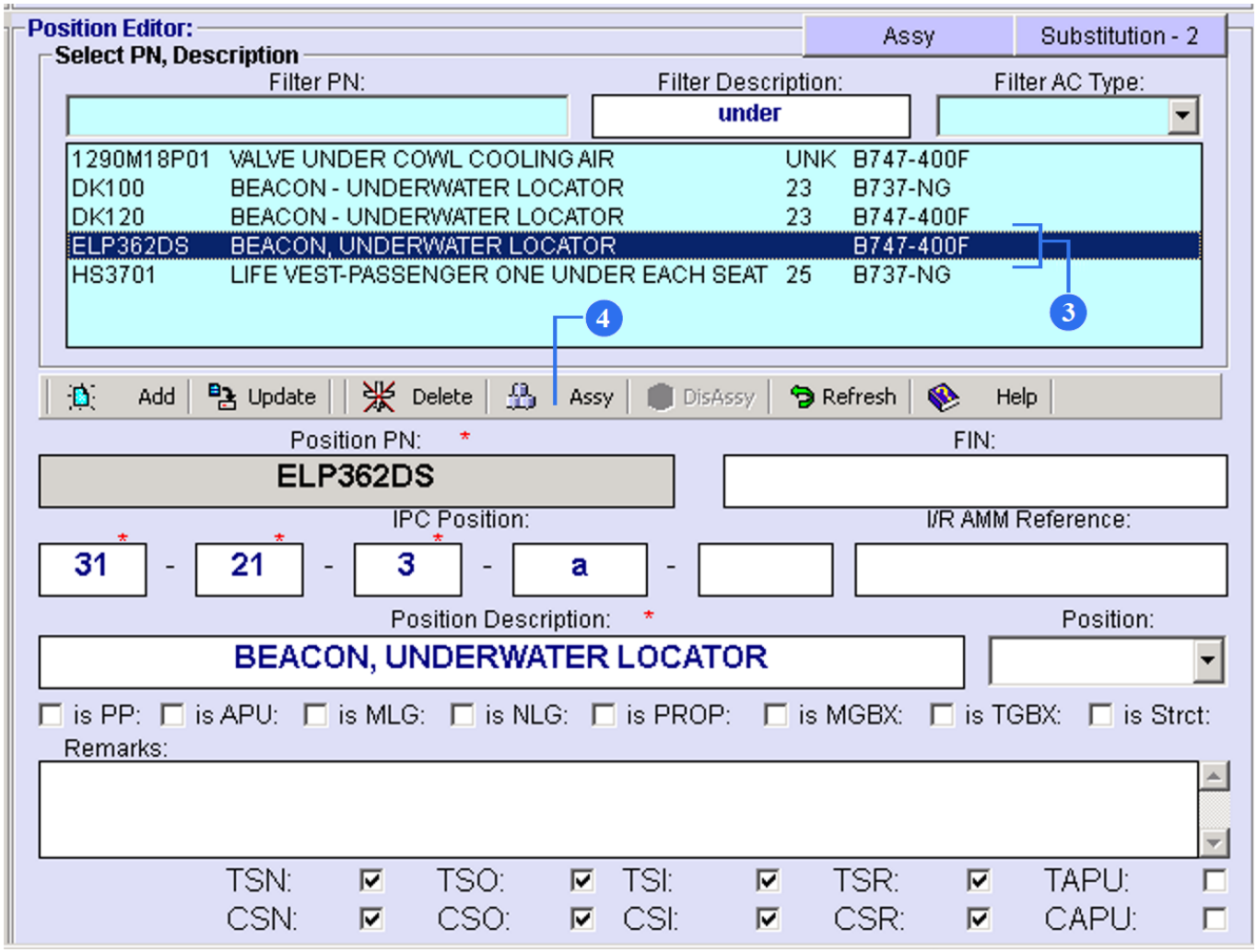
1.8. Push “Add” button to save the component data.



2. You can see created component as a top - level position in the list of the Positions screen.

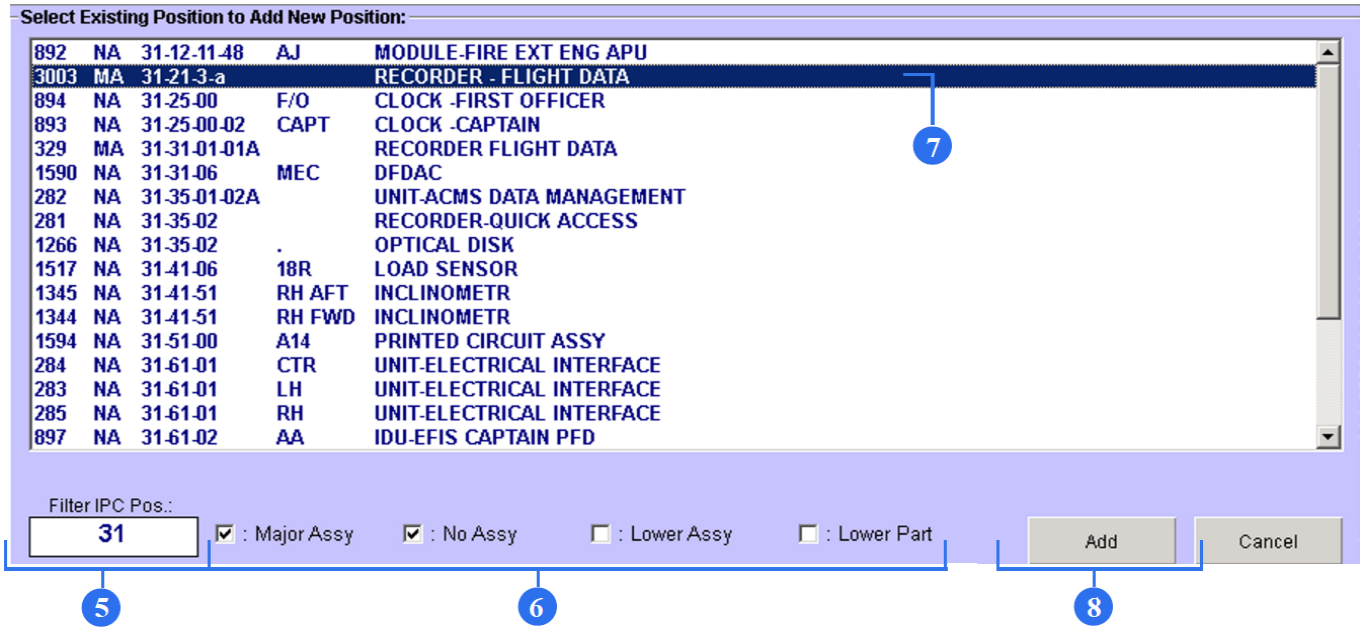
Next step is creation Underwater Locator Transmitter as a lower position of FDR position.

To create assembly, it is necessary to operate with Position Editor.



3. Use one of the filters and look for Underwater Locator Transmitter. Highlight the line.

4. Push “Assy” button to open the screen.



5. Use Filter IPC Pos to quick find corresponding FDR.

6. Tick “No Assy” field, because DFDR is not assy.

7. Highlight the line.

8. Push “Add” button.

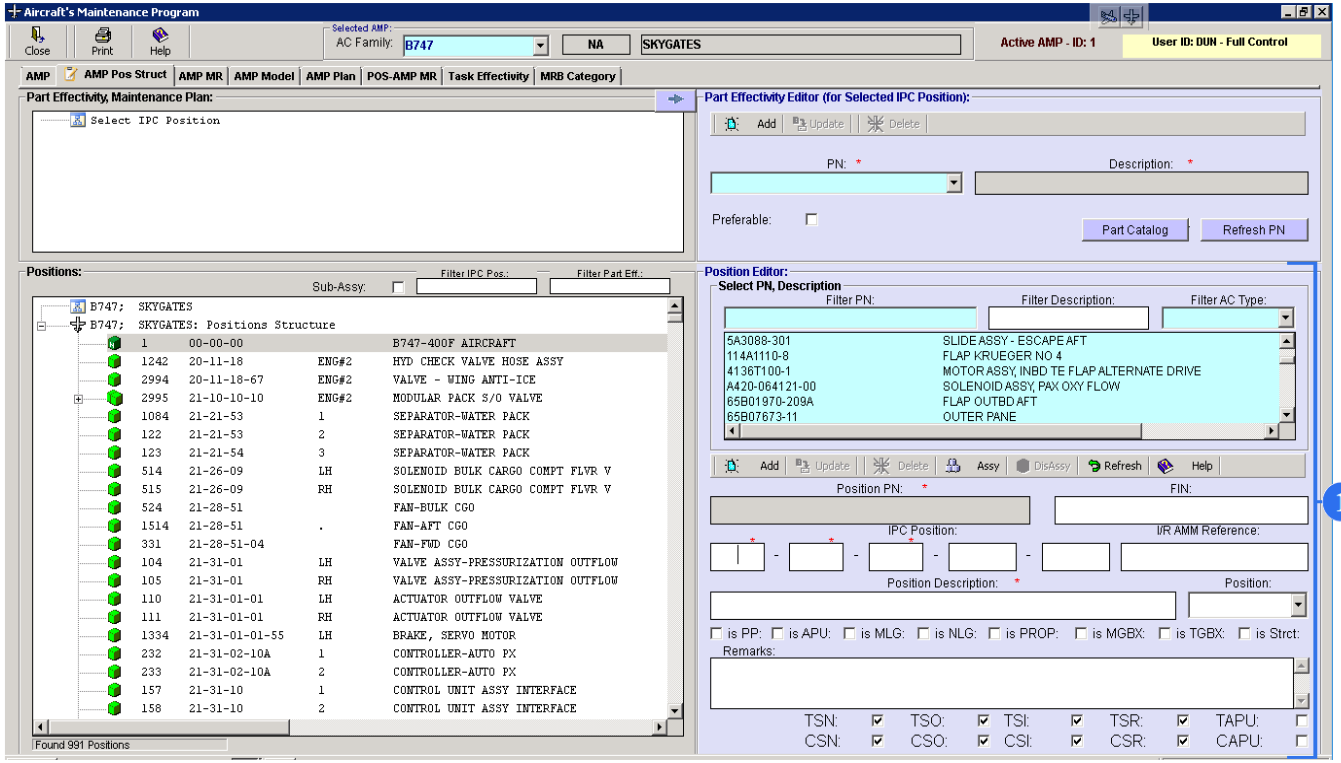
9. Newly specified ULB position will be added. System will create link between selected FDR position and newly added ULB position.

The status of FDR position will be changed from NA – Not an Assembly to MA – Major Assy. The status of ULB position will be saved as LP – Lower Part of Major Assembly.

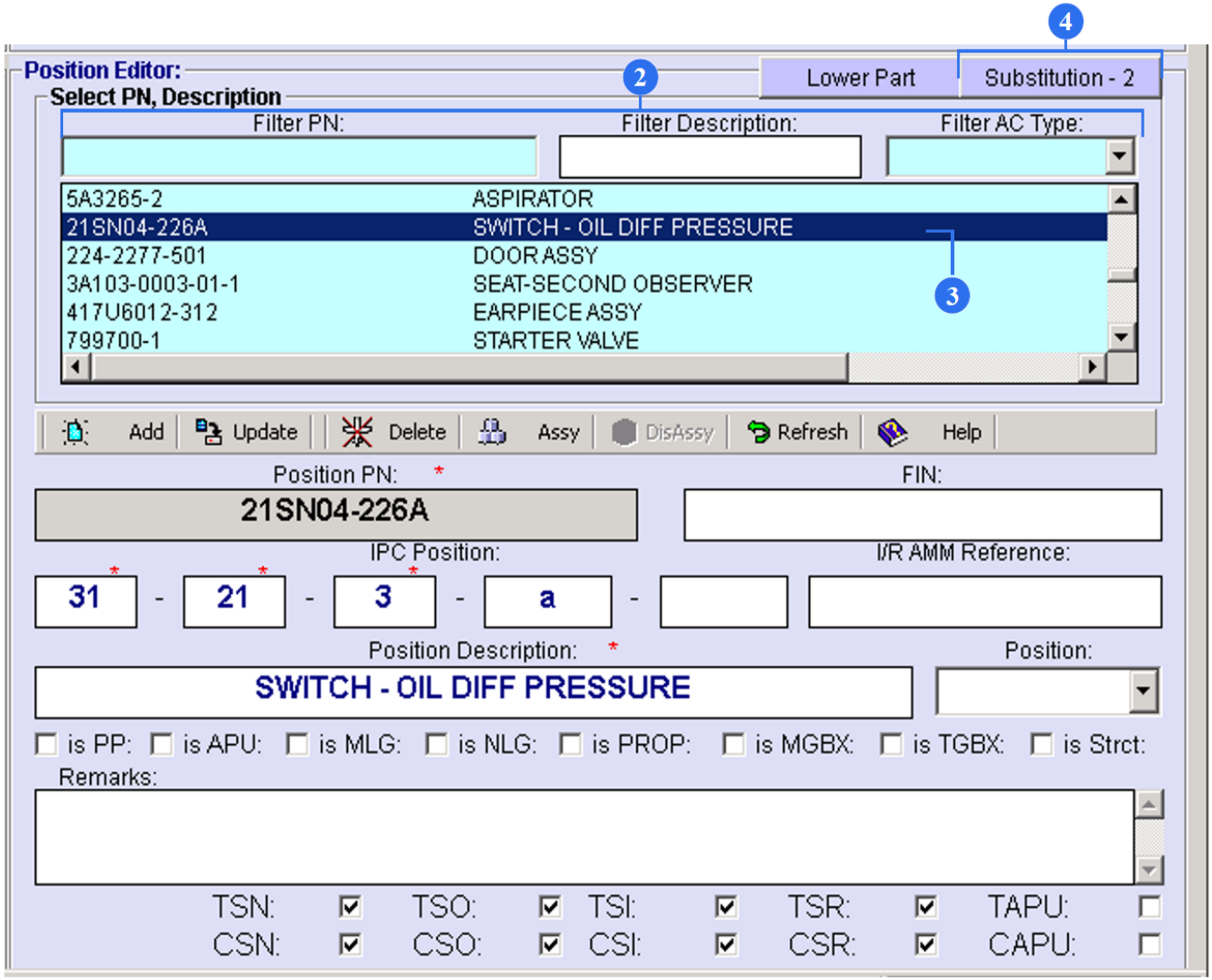
The view of IPC positions on a screen will change according.

4.4. Substitute Part Number Overview and Registration

If a selected component has Substitutions registered in the Material Management sub-module, the Substitution button will be active.



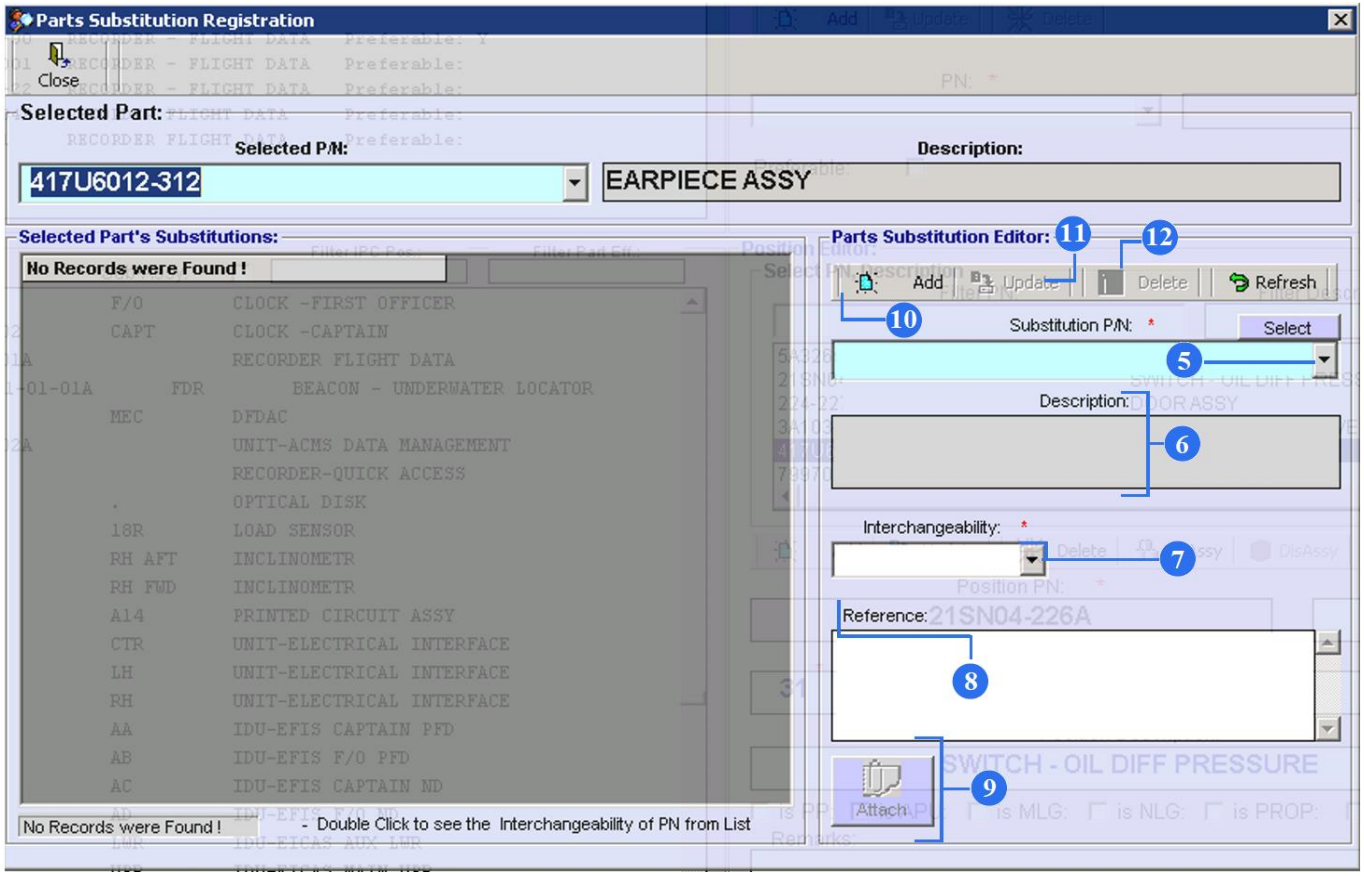
1. To create Substitution it is necessary to operate with Position Editor.



2. Use Filter PN, Filter Description or Filter AC Type to find necessary component with part number.

3. From the whole list of the component highlight the line.

4. Push “Substitution” button.



5. Select a part number from a combo box that you want to register as an alternative one.

Note that both part numbers should be already registered in the system (in the Material Management sub-module).

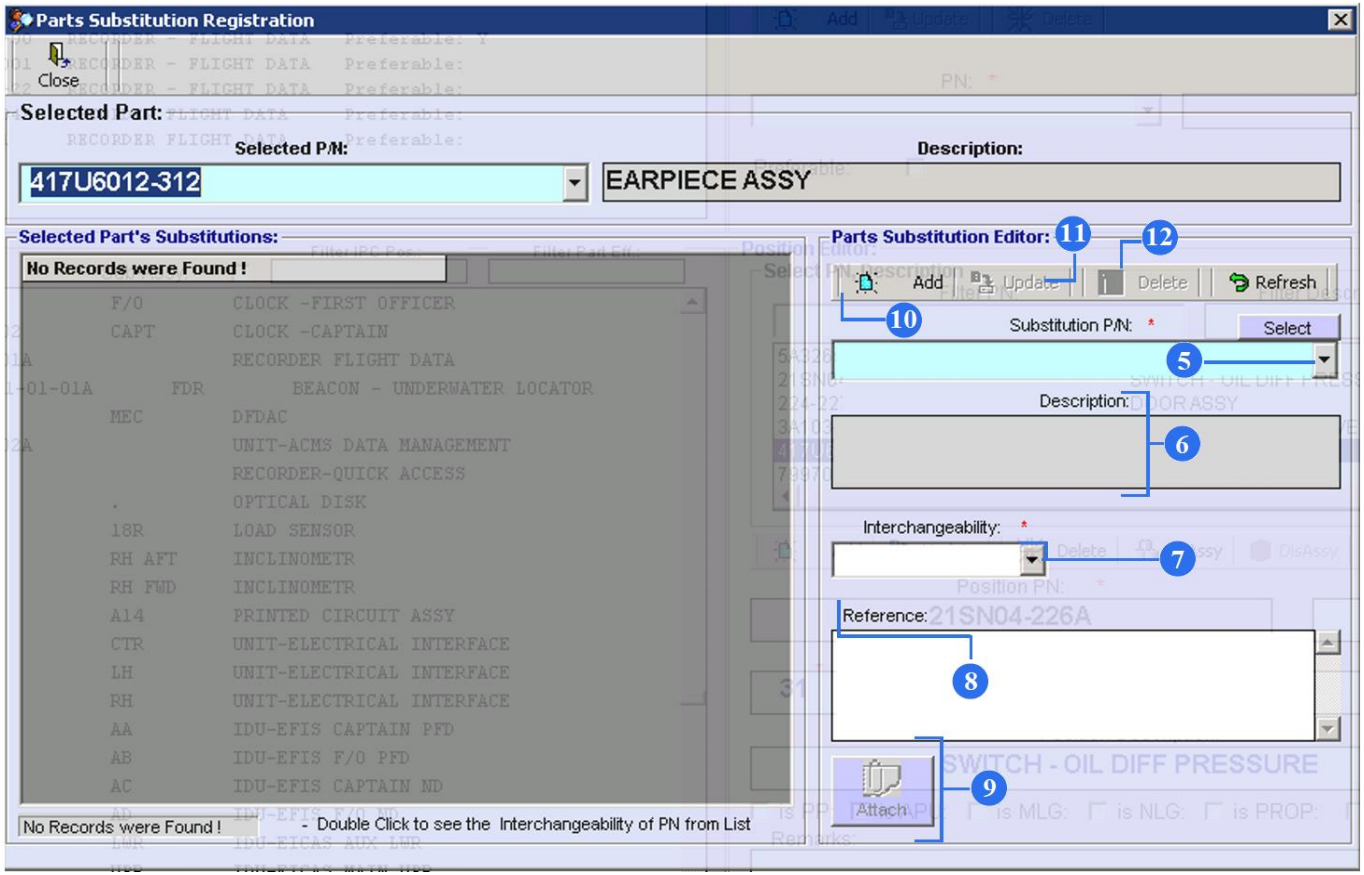
6. Description will appear automatically.

7. Choose a type of Interchangeability.

8. Use the Reference field to enter any references or remarks.

6. If there is cross reference paperwork to attach, press the “Attach” button and add the files.

7. When all necessary fields are filled in, press Add.

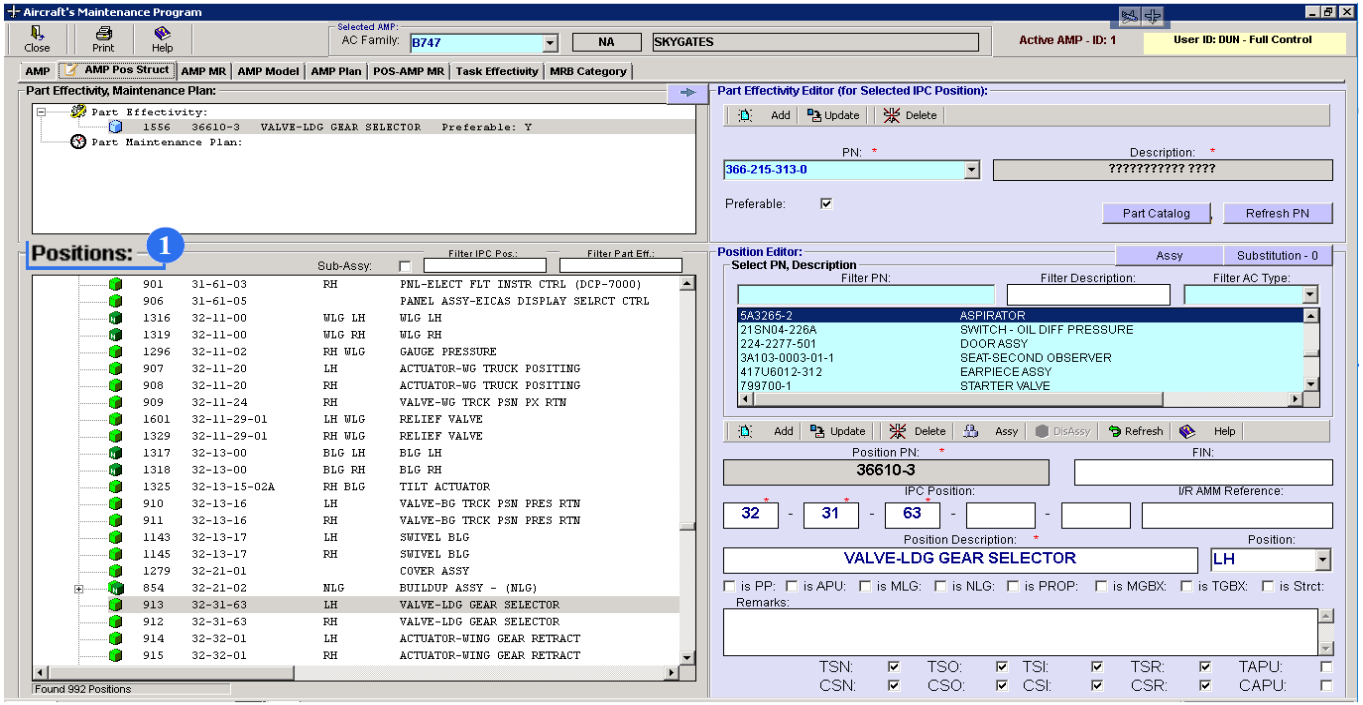


8. To update any data, select the part number from the left part of the window, change or add the required information and press the Update button.

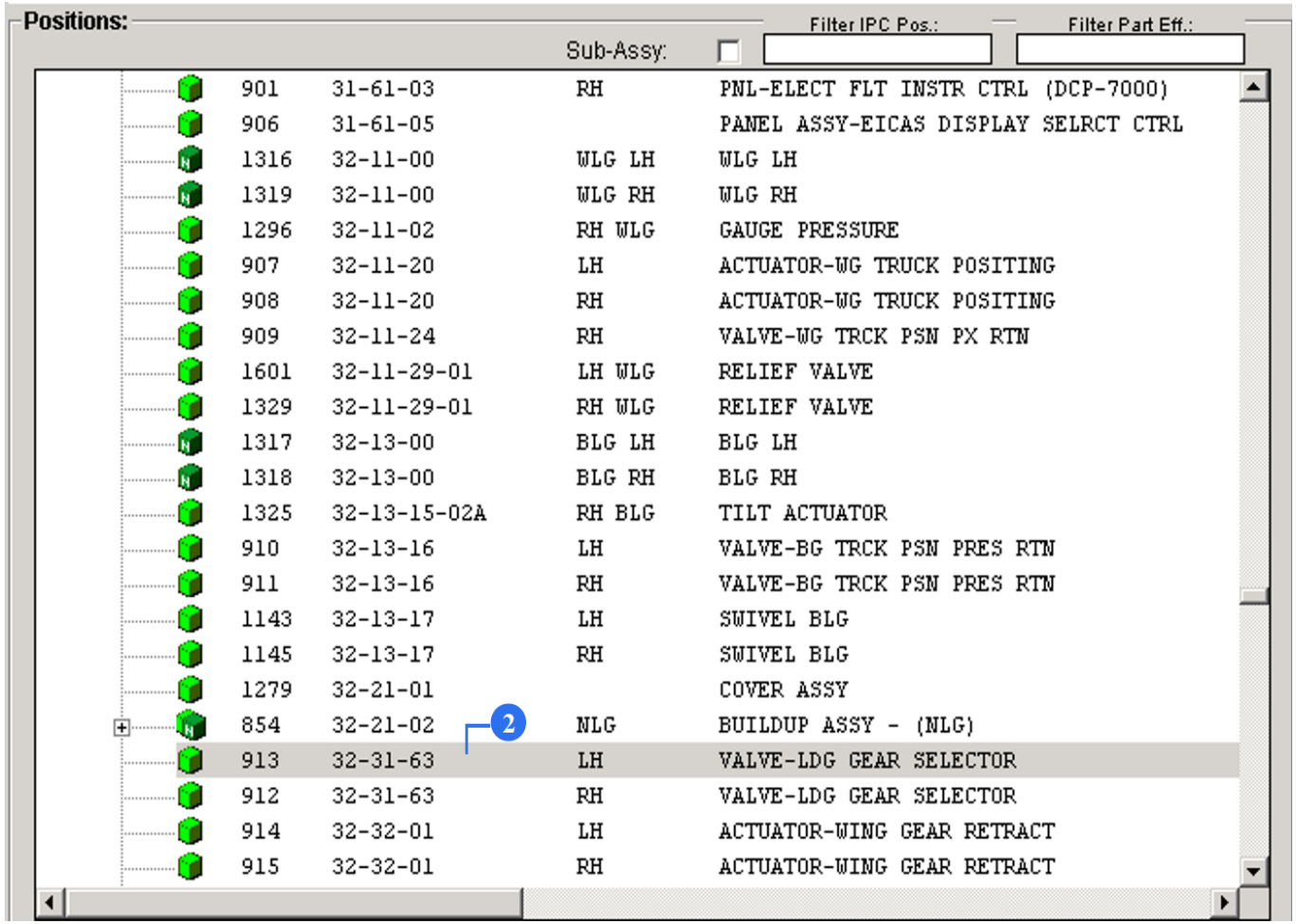
9. To delete an obsolete or wrong substitute, highlight it from the list of 'Selected Part's Substitutions' and click on the Delete button.

4.5. Part Effectivity Registration

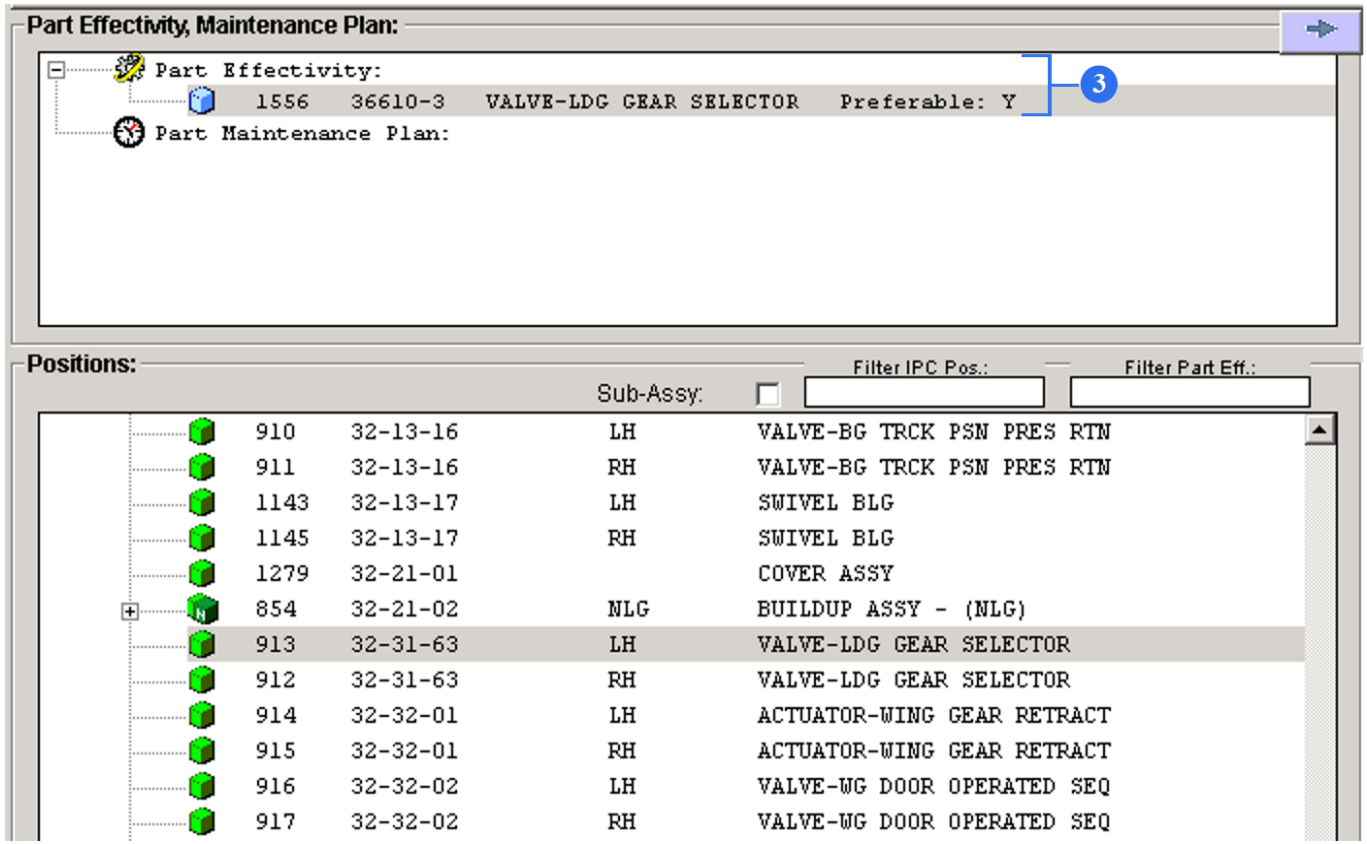
For some IPC Positions it is possible to register other components that can be also effective for a particular position.



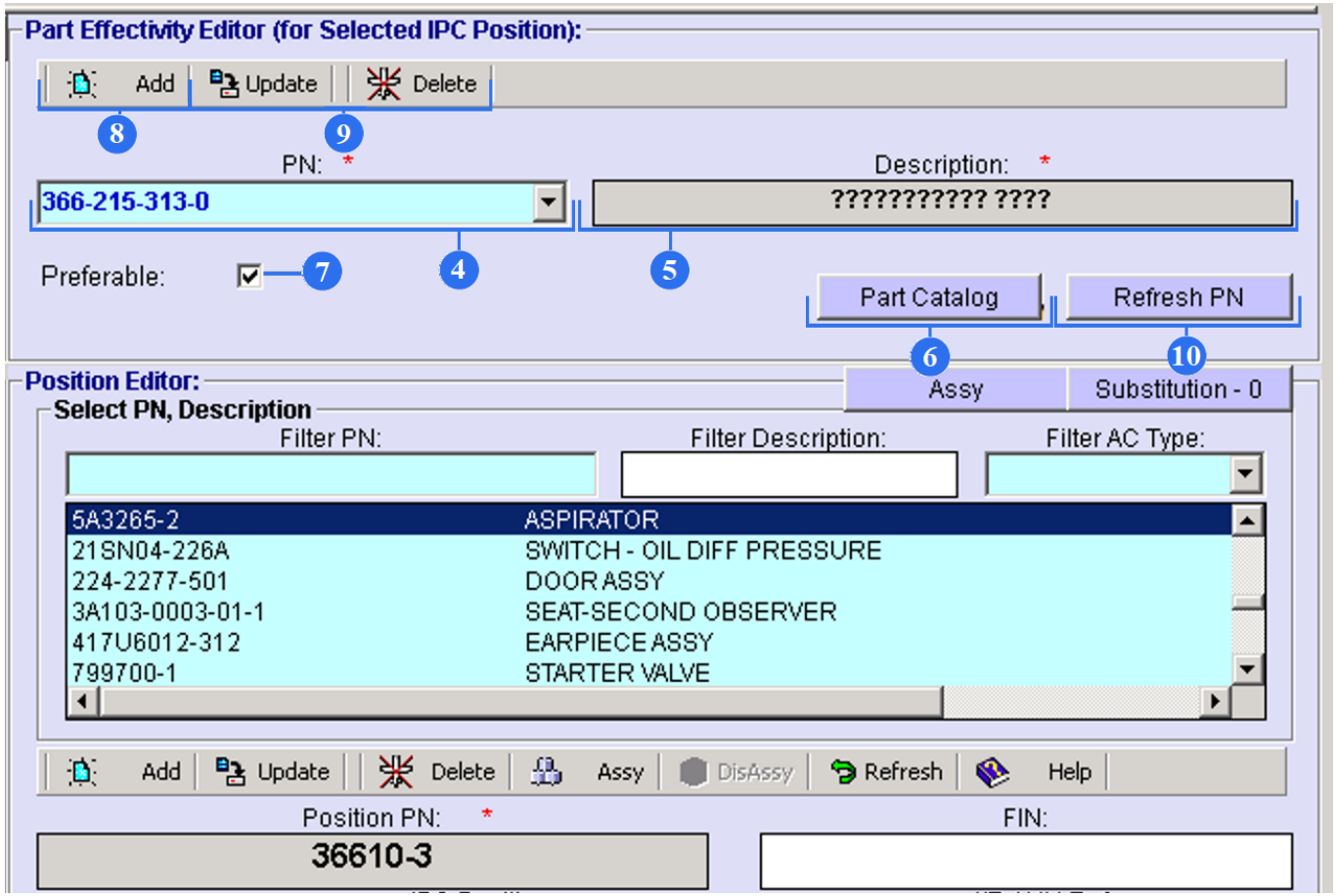
1. On the Aircraft's Maintenance Program screen operate with "Positions" window.



2. From the whole list select the line of the corresponding IPC position.



3. On the "Part Effectivity, Maintenance Plan" window you can monitor highlighted version of the "Positions" window. (under Part Effectivity unit).



4. Select a part number of a component from PN combo box in the Part Effectivity Editor.

5. Description of the component will appear automatically.

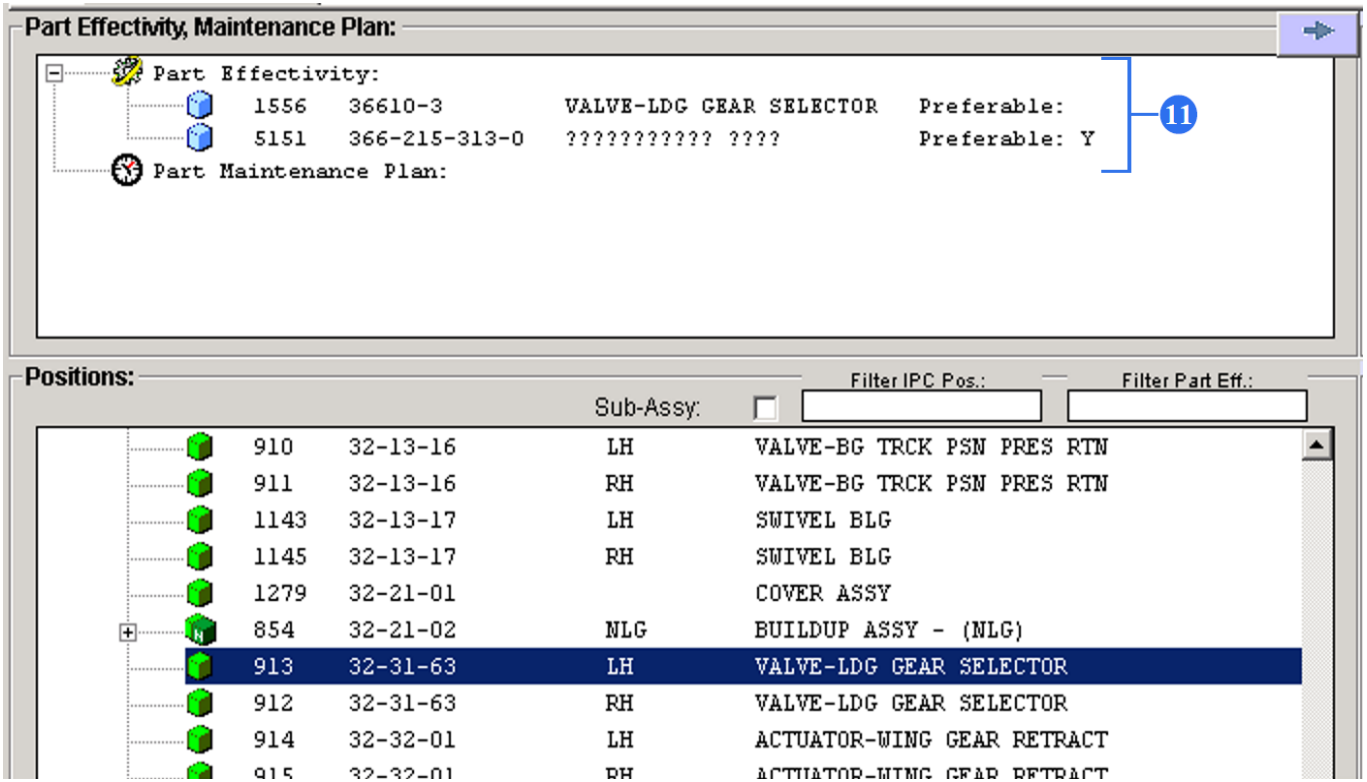
6. If you can't find the part number of the component, you must enter component data in "Material Management" sub module and save this information. To get into "Material Management" sub module push "Part Catalog" button.

7. Tick the 'Preferable' field, if the newly registered component is preferable to old registered one.

8. Click on the Add button to save.

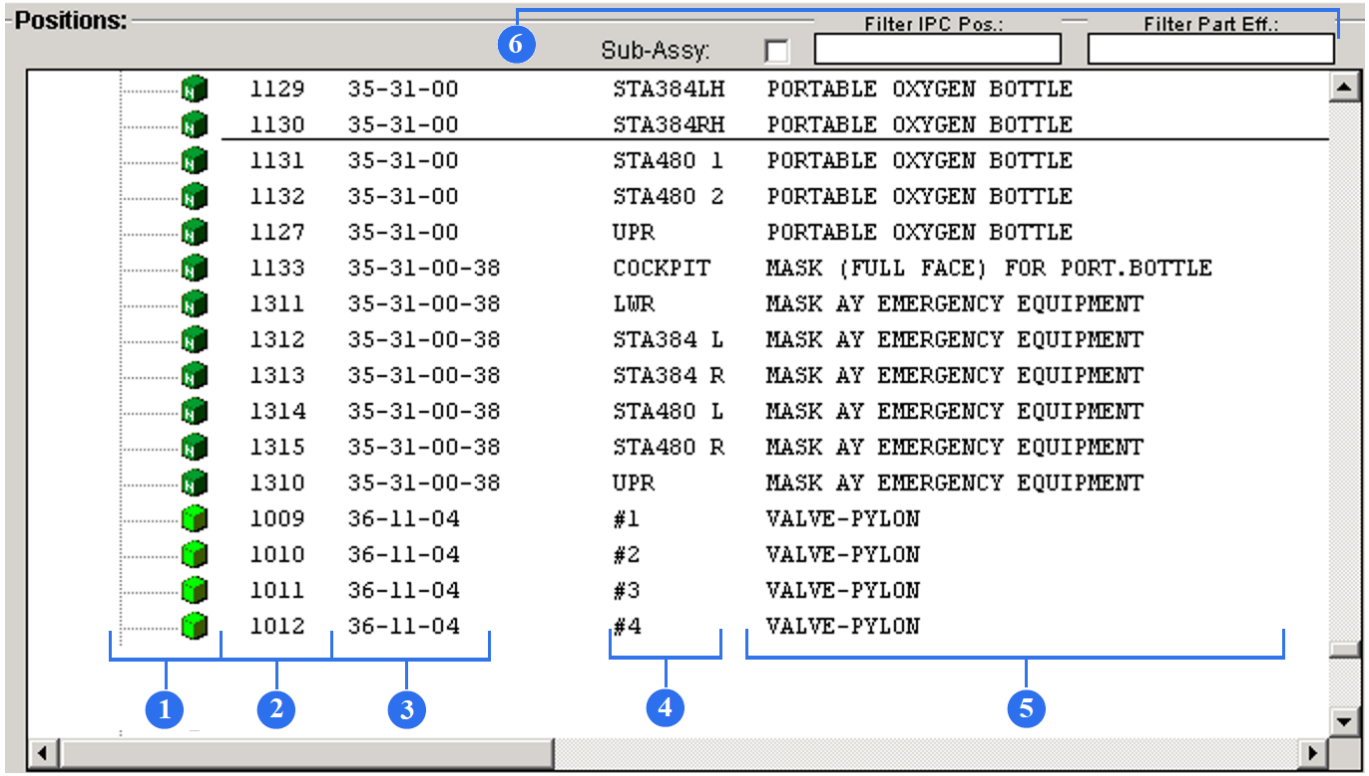
9. To update or delete any effective parts, click on the Update button or Delete button.

10. To reset all entered data, push "Refresh PN" button.



11. On the “Part Effectivity, Maintenance Plan” window you can monitor 2 part numbers with the same effectivity (under Part Effectivity unit). Only one part number can be preferable. In the Part Effectivity Editor you can change preferable.

4.6. Positions window overview



1. Hard-time components are marked with “H cubes”.

2. ID number.

3. IPC position.

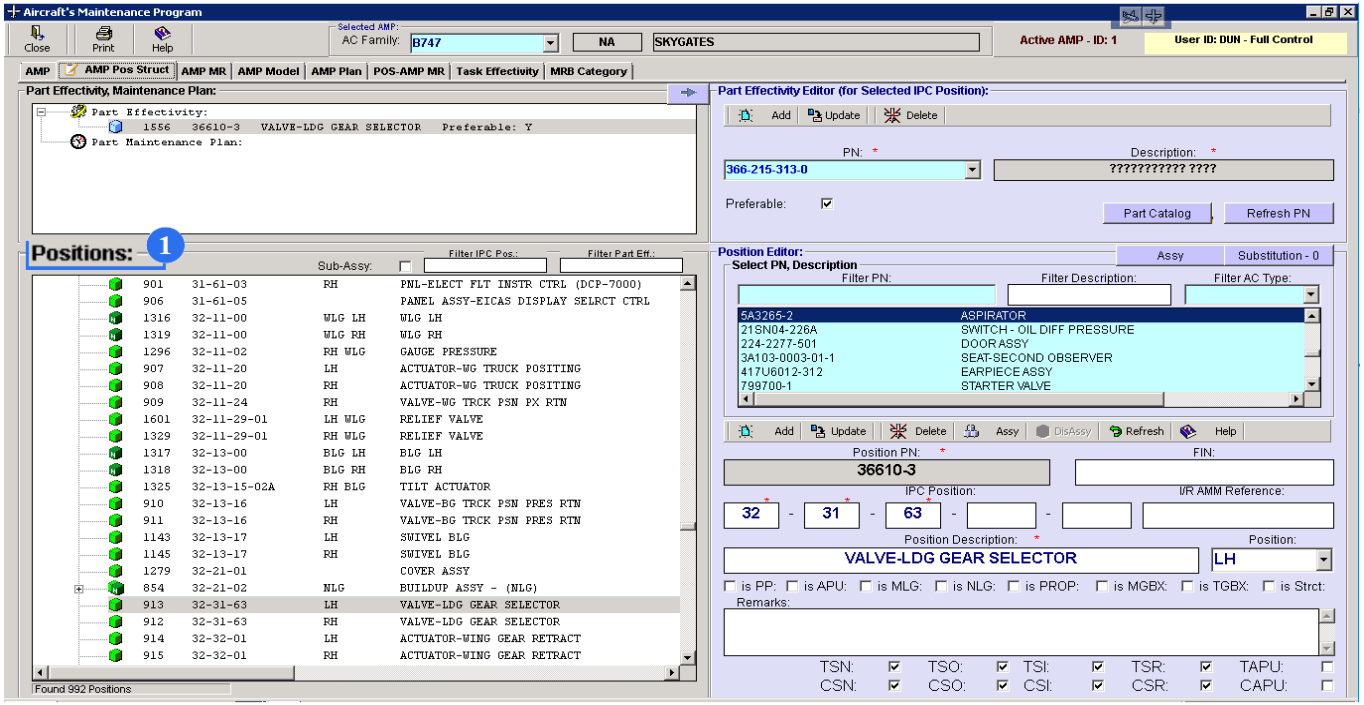
4. Location (position) in the aircraft.

5. Description of the component. (name)

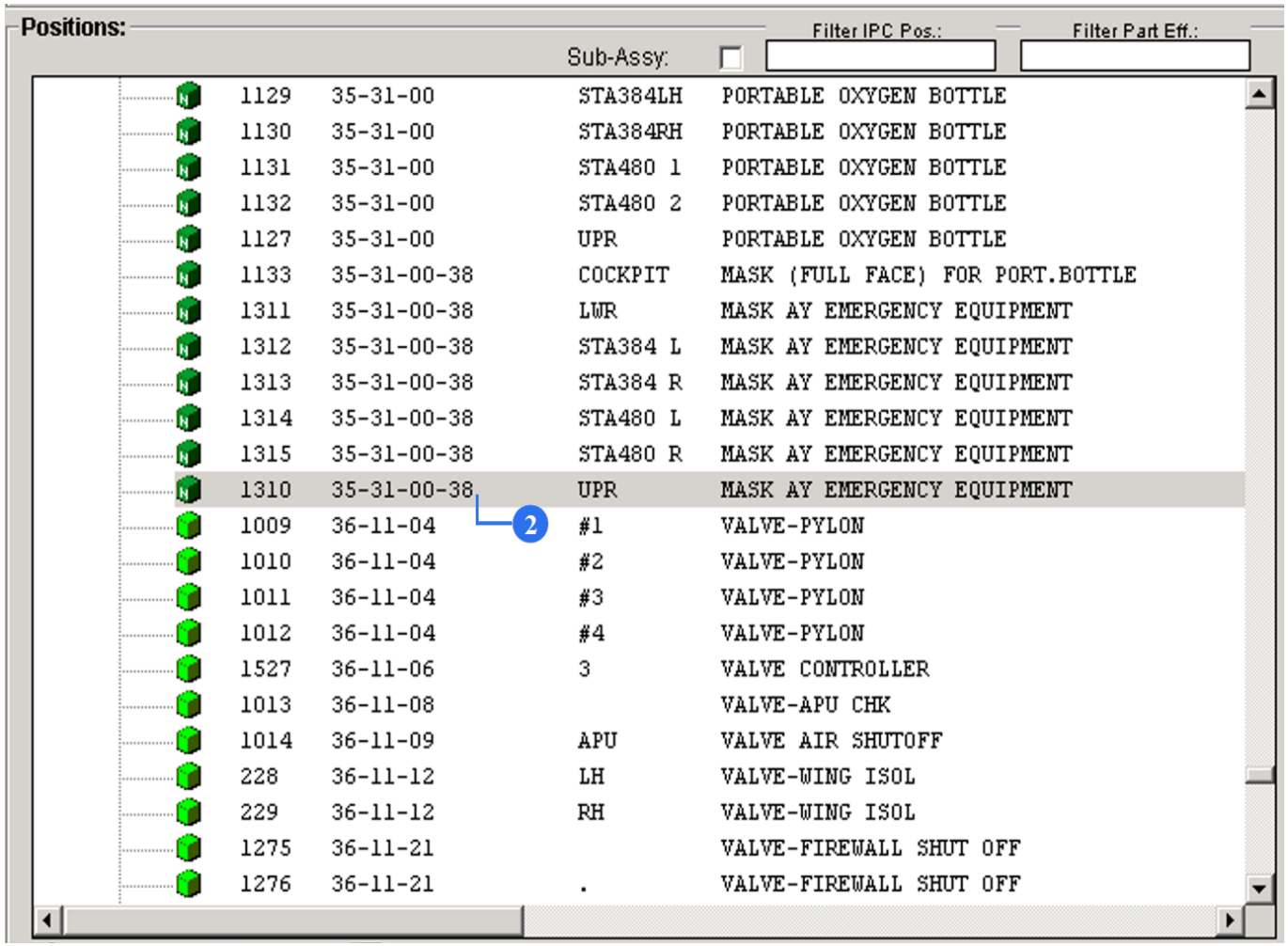
6. Use these filters to find component position.

4.7. Component Treatment

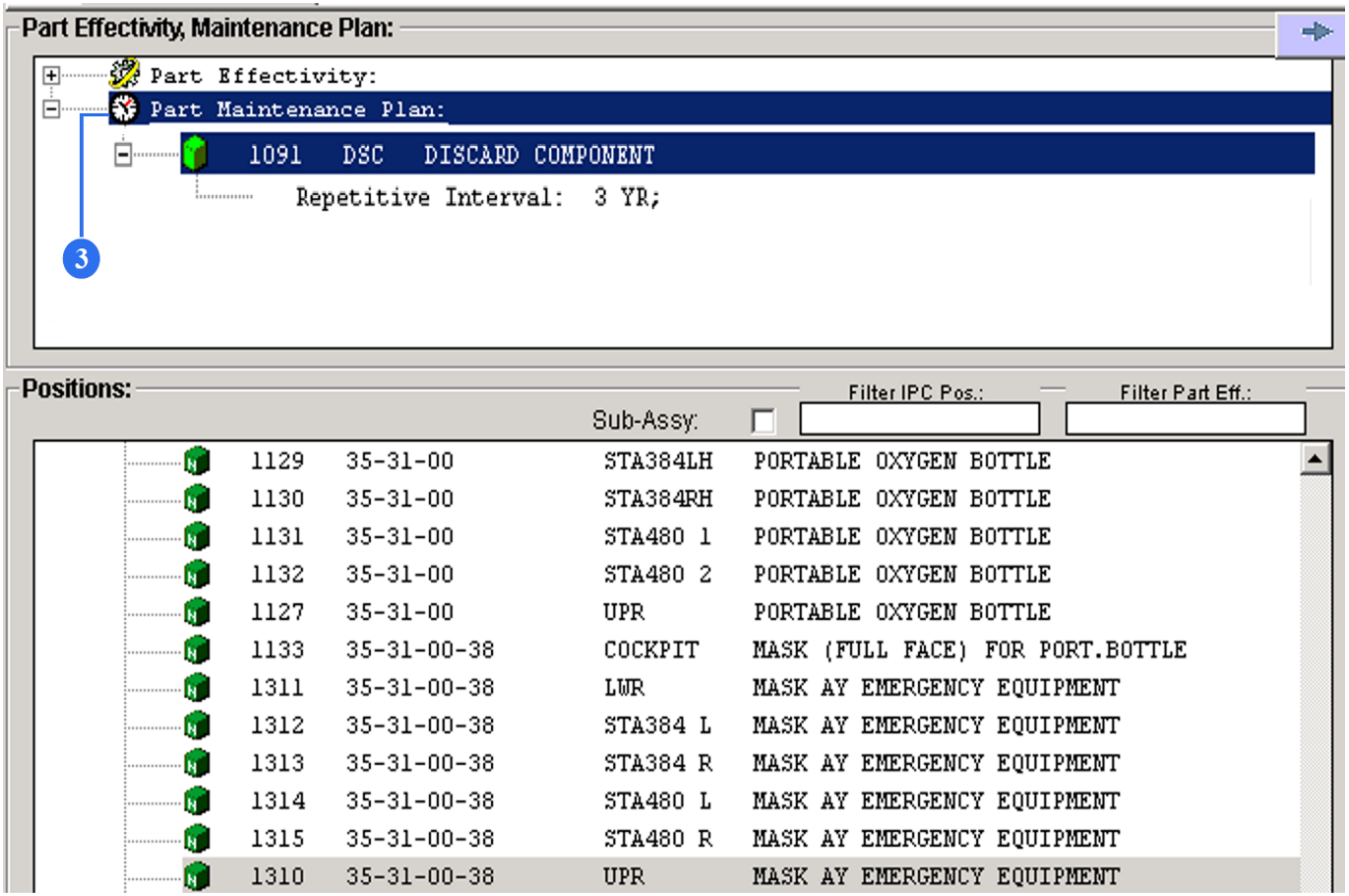
For all hard-time components, treatments must be registered.



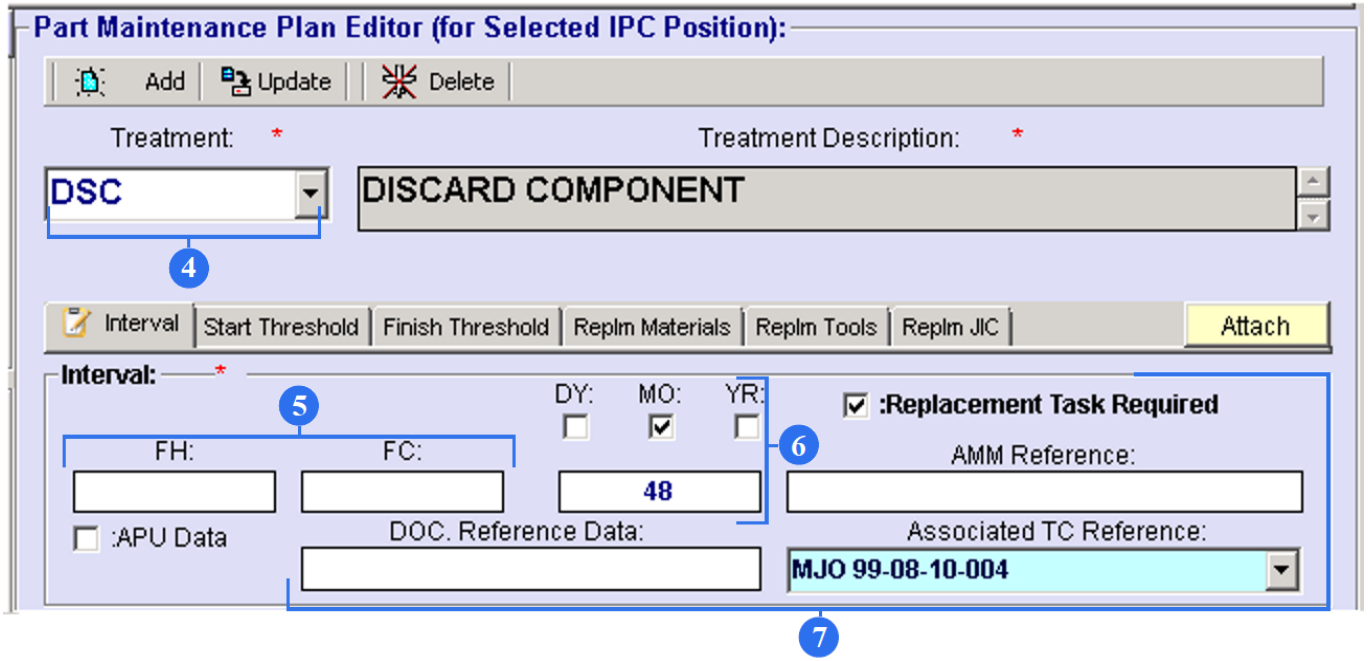
1. On the “Aircraft’s Maintenance Program” screen operate with “Positions” window.



2. From the whole list select the line of the corresponding IPC position with hard-time component.



3. On the “Part Effectivity, Maintenance Plan” window click on the Part Maintenance Plan unit and Part Maintenance Plan Editor opens.

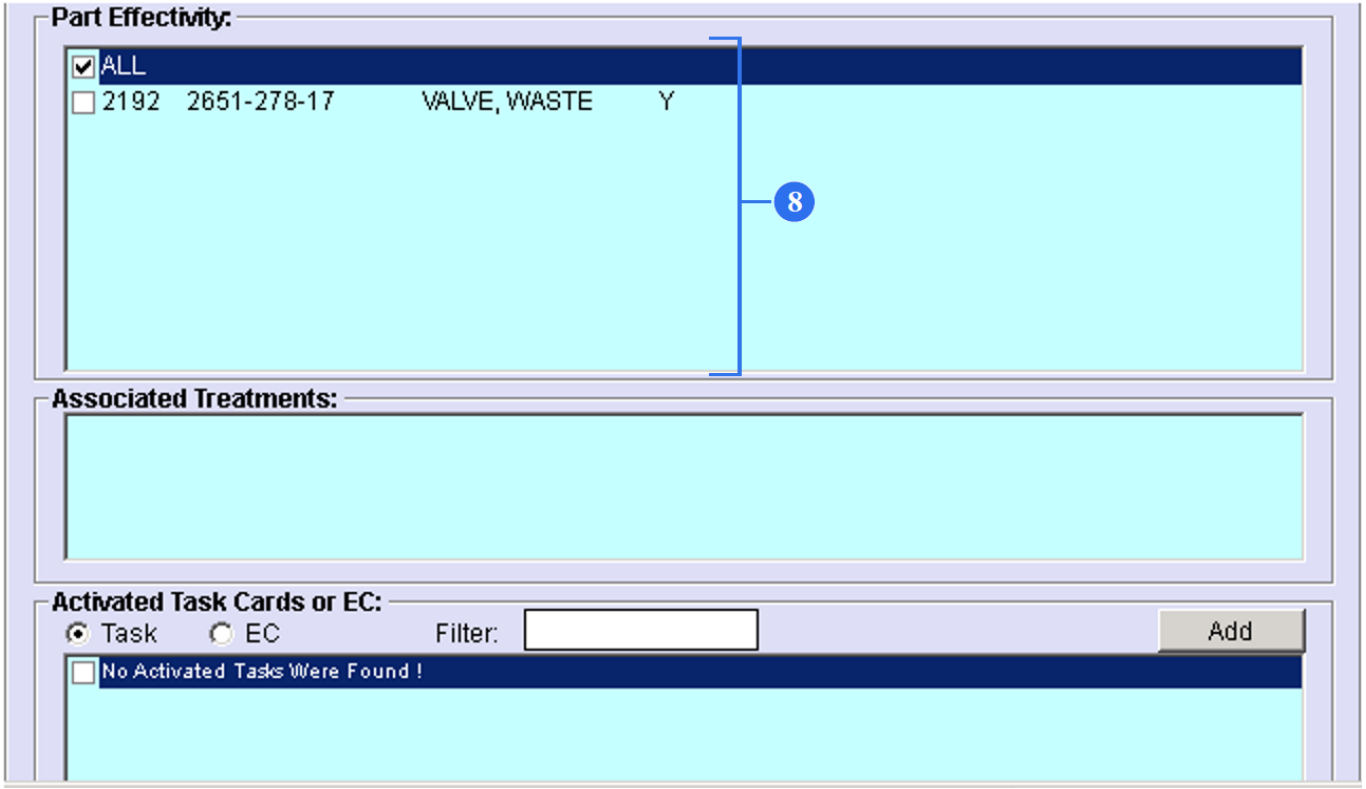


4. Select a Treatment. Treatment description will appear automatically.

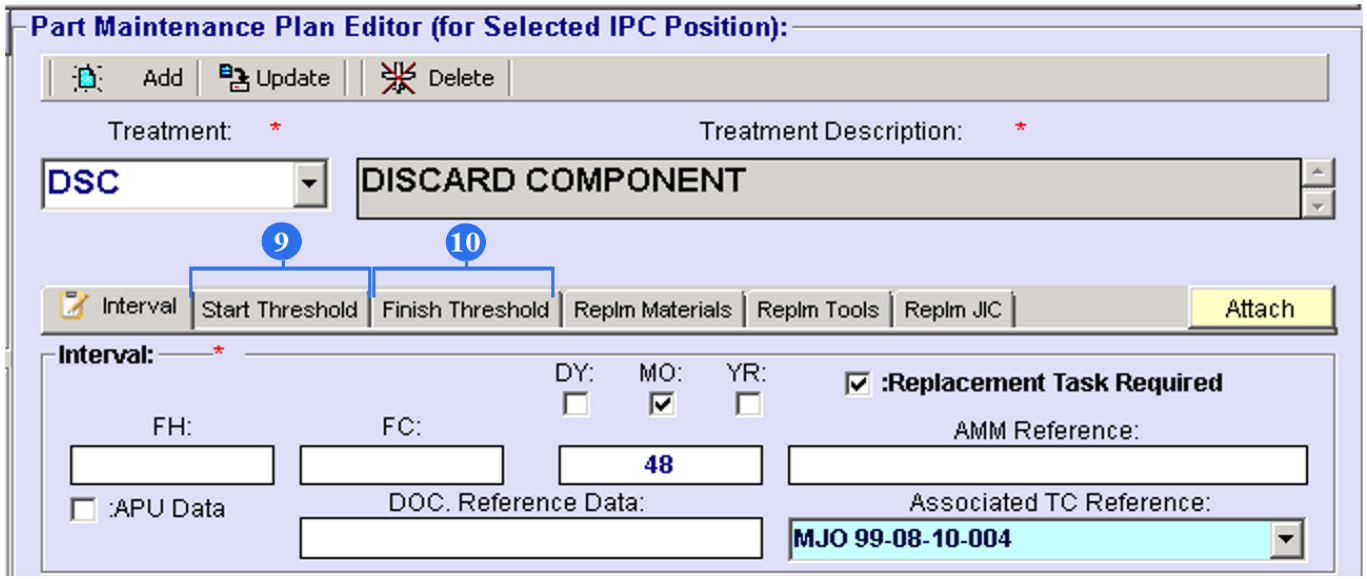
5. To set up a certain interval for repetitive tasks, type FH (flight hours)/ FC (flight cycles).

6. To set up a certain interval for repetitive tasks, type DY (days)/ MO (months)/ YR (years).

7. If the Treatment must be carried out with Replacements, tick the 'Replacement Task Required' and type an AMM (Aircraft Maintenance Manual) Reference. Select a Replacement Task Card in the 'Associated TC Reference' field. Only tasks marked with 'Completed By Component Replm' in the Maintenance Requirements Editor (Maintenance Plan sub-module) will be displayed.

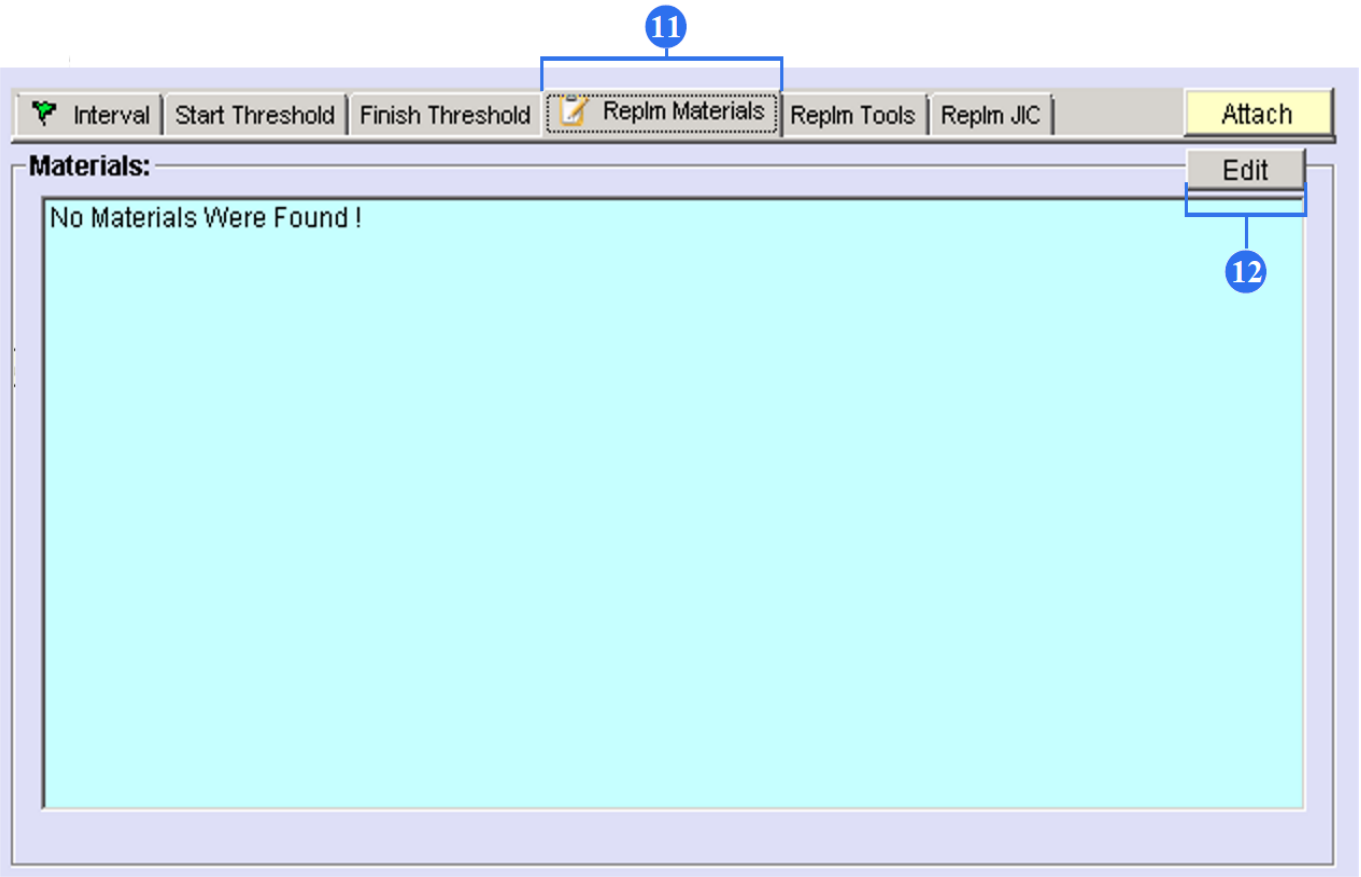


8. If the component has several effective components (registered in the Effectivity Editor, item ‘C’), and set intervals and thresholds are applicable to these components, tick the ‘All’ field or select a necessary component.



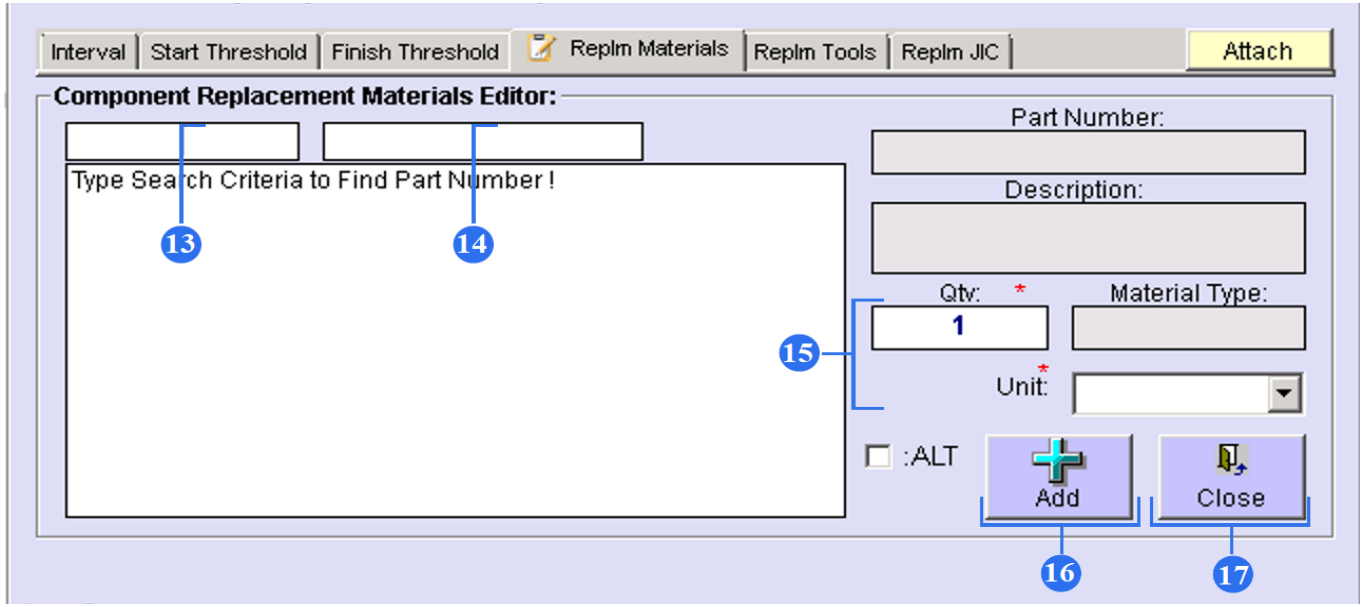
9. To set up a Start Threshold, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years). Only when the set parameters are reached, the task starts to be carried out.

10. To set up a Finish Threshold, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years). Only when the set parameters are reached, the task is automatically ceased.



11. If it is necessary to add consumable materials during component maintenance push “Replm Materials”.

12 To open editor to enter data, push “Edit” button.



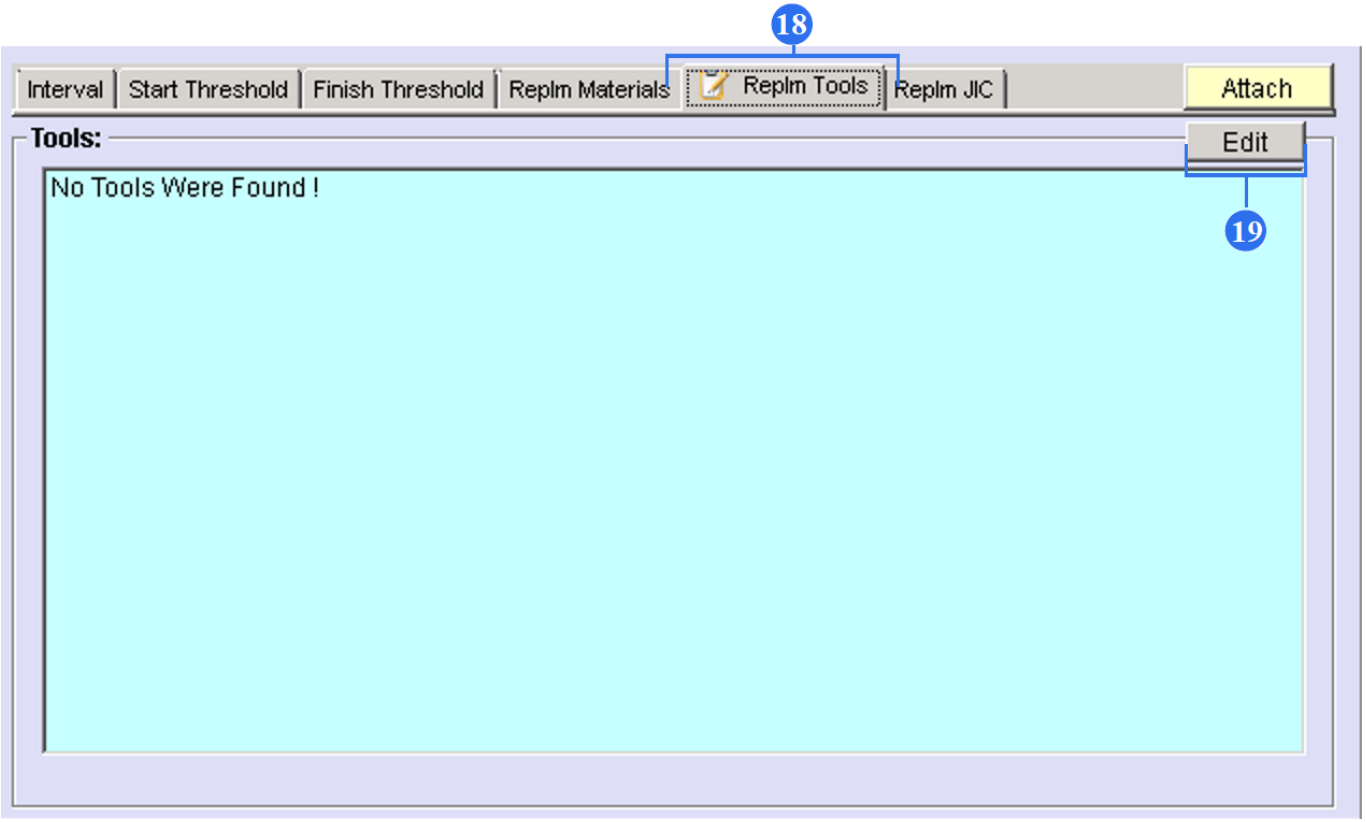
13. Type part number of the search criteria.

14. Type description of the search criteria.

15. Type quantity and how it is measured.

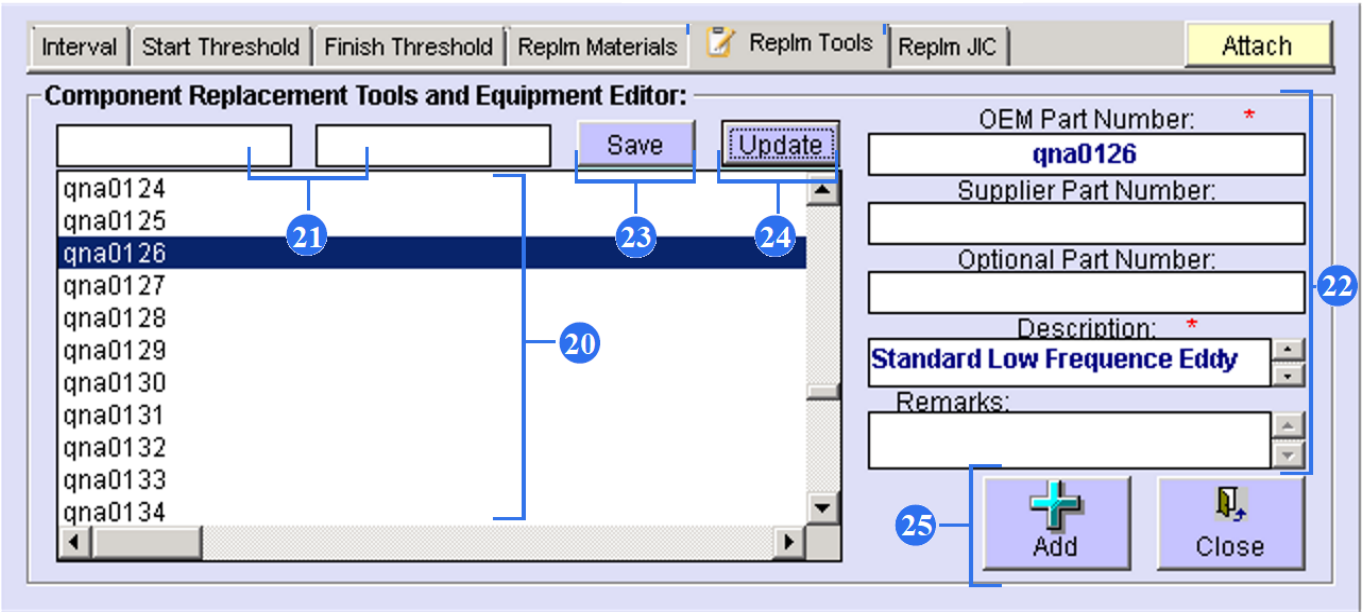
16. Push “Add” button to save data.

17. Push “Close” button to close the screen.



18. If it is necessary to add auxiliary tools during component maintenance push “Replm Tools”.

19. Push “Edit” button to open editor.



20. From the whole list select associated tool.

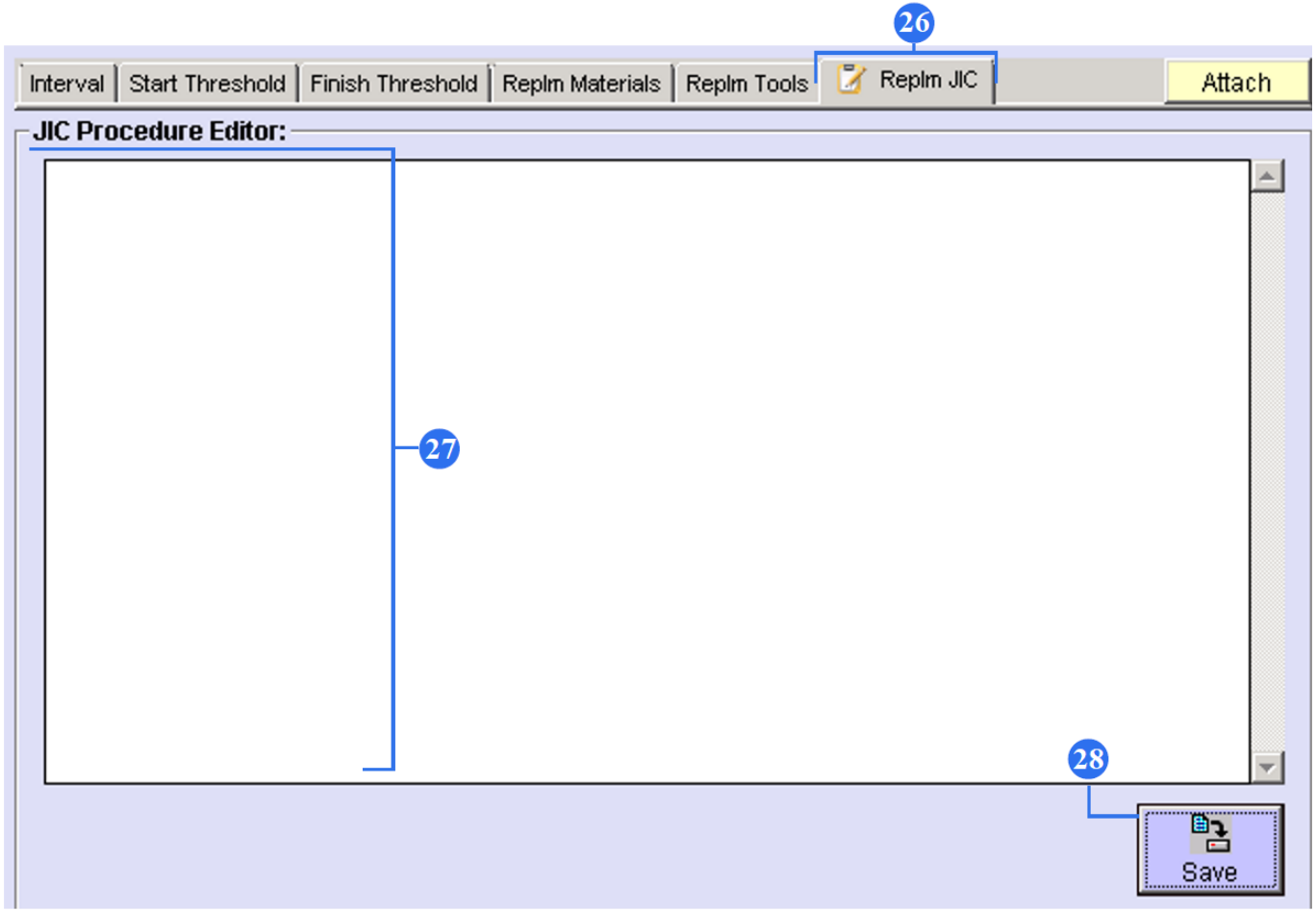
21. Use finder to look for the tool quickly. (Enter OEM P/N).

22. If tool data is absent in the list, use these fields to enter new tool to the list.

23. Push “Save” button to save new tool data.

24. “Update” button allows to change tool data and save it.

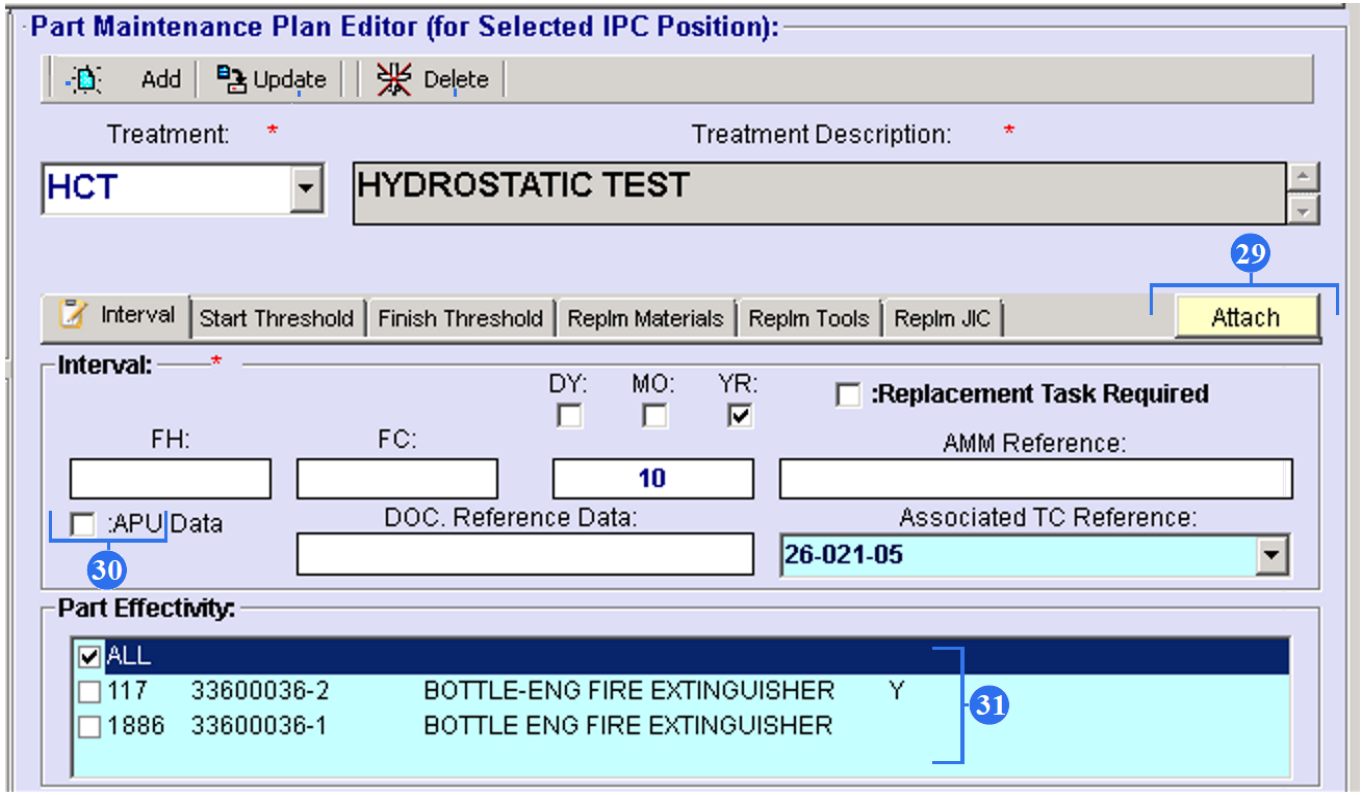
25. Push “Add” button to save recommendation tool.



26. If it is necessary to add job instructions during component maintenance push “Replm JIC”.

27. Use the field to create job instruction.

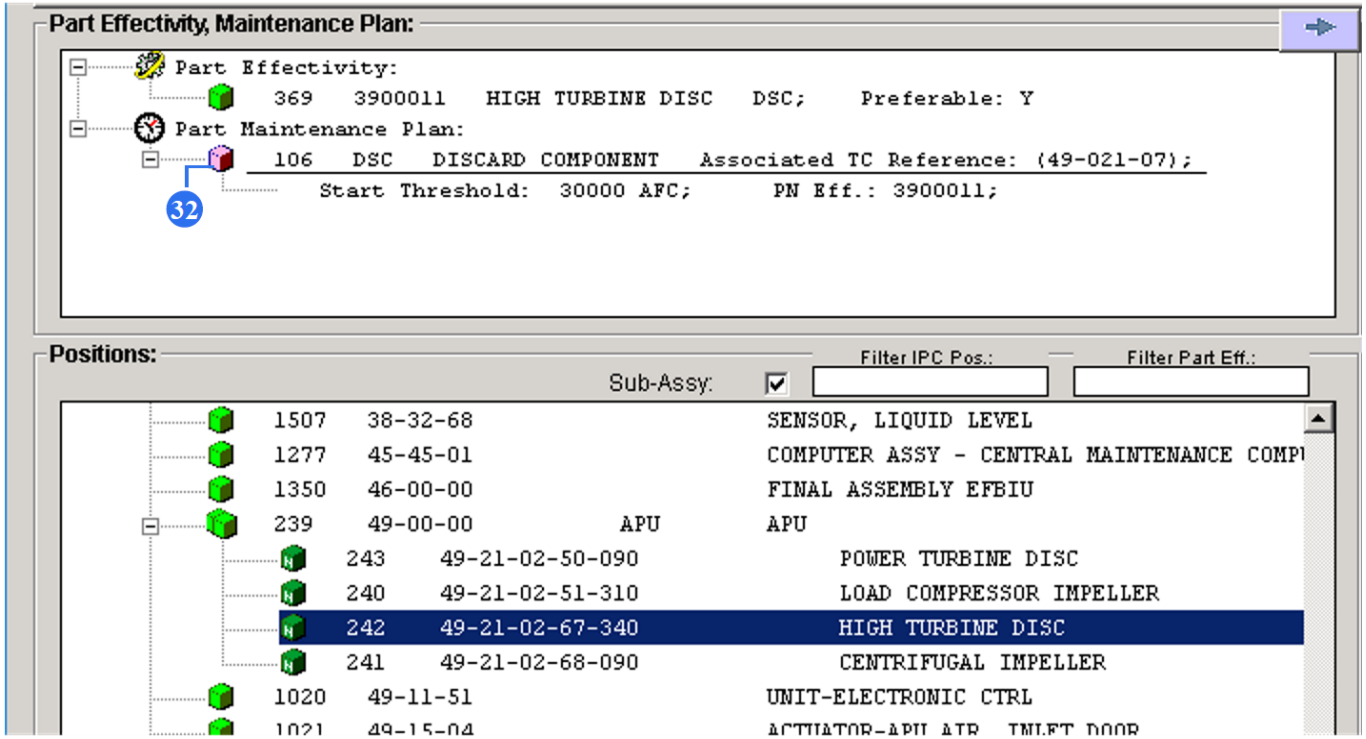
28. Push “Save” button to save instruction.



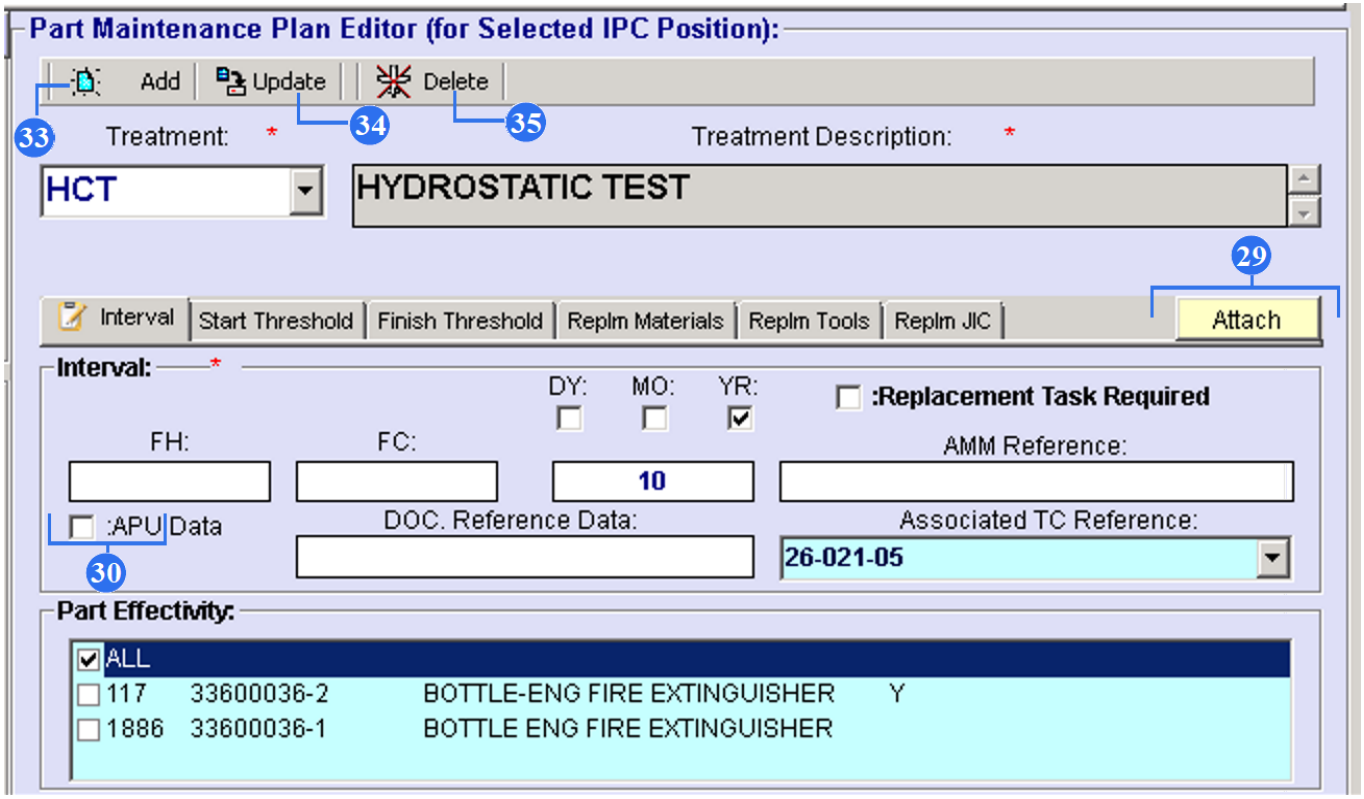
29. Use “Attach” button to fix additional information such as picture, Illustration from documentation, work order and other.

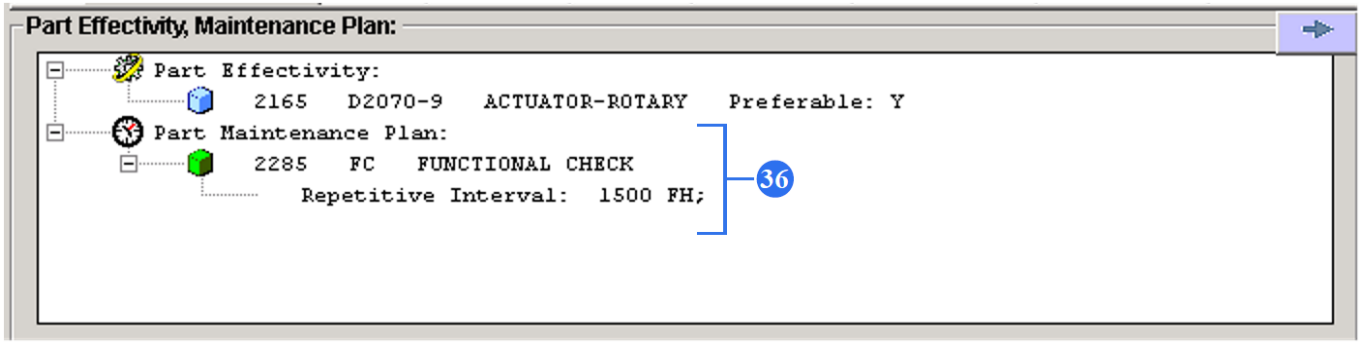
30. Select the ‘APU Data’ field, if the treatment should be completed in accordance with the APU Utilization Times.

31. In Part Effectivity field you can see all components with the same effectivity. You can check box ALL (it means that treatment is for all components with for all components) or you can check box definite components (it means that treatment



32. Such treatments will be marked with red cubes in the Maintenance Plan List. Pay attention to 'Repetitive Interval: 1000 AFH' (AFH means APU Flight Hours).



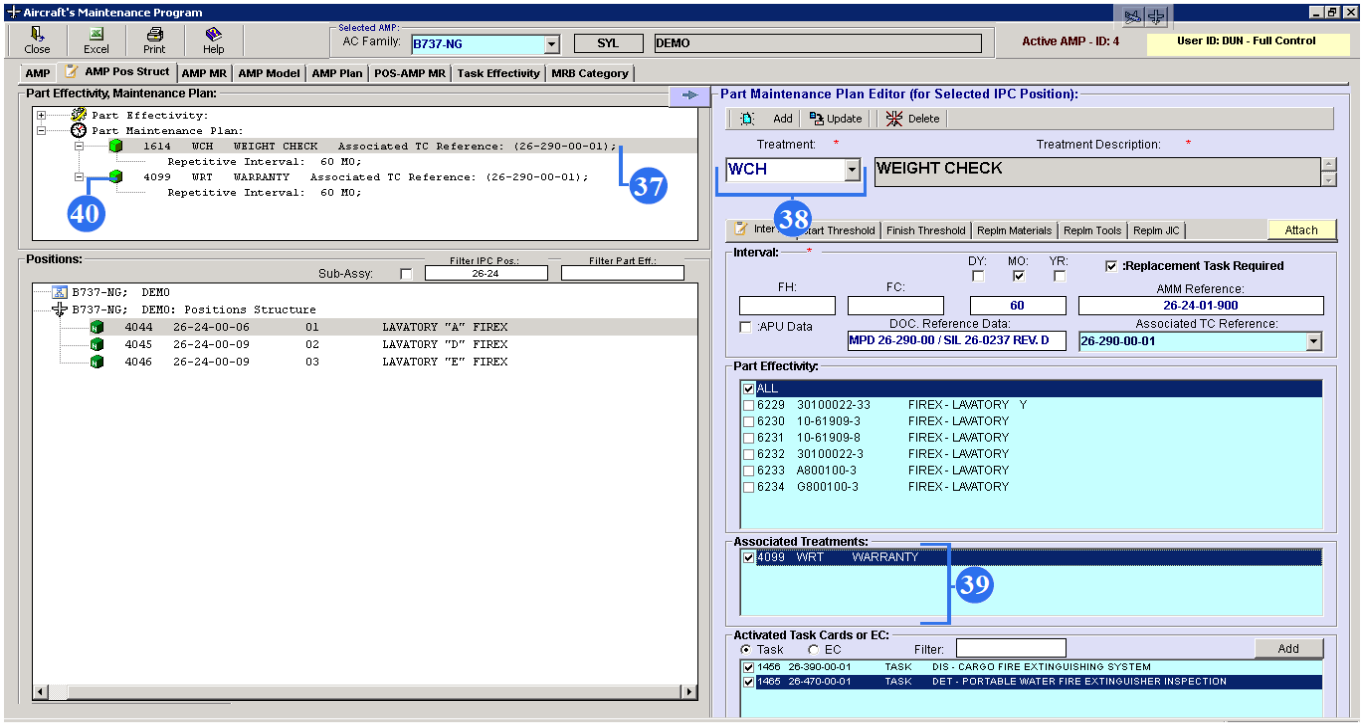


33. After all data enter finish, click on the “Add” button to save data.

34. “Update” button allows to change treatment data and save it.

35. To remove enter data push “Delete”.

36. You can see result of the treatment data enter in the Maintenance Plan List.



If the component still has associated treatments, do these steps:

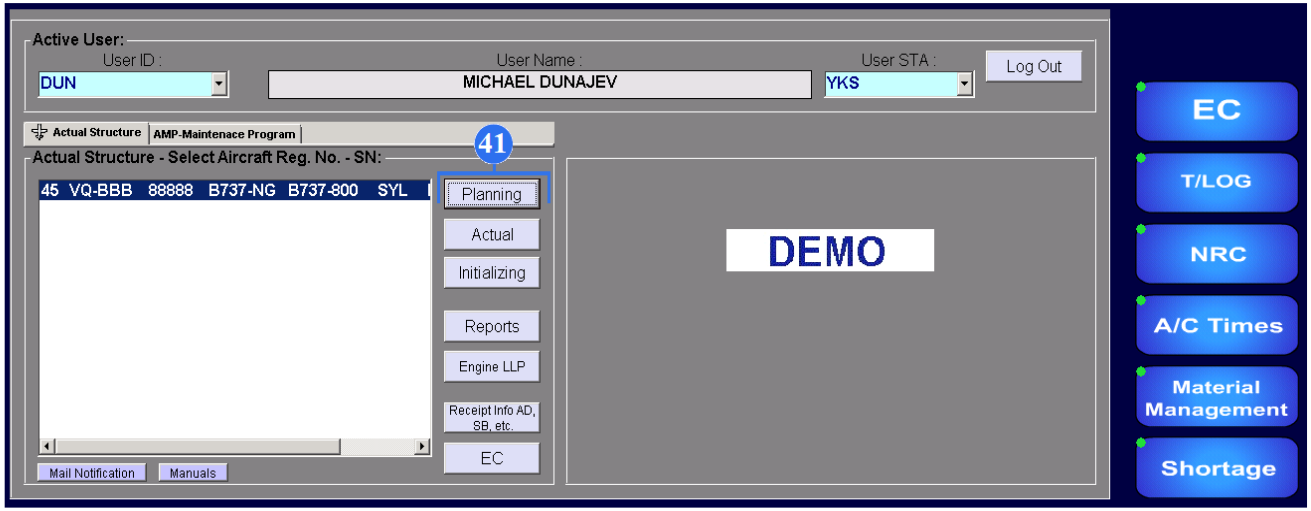
37. Highlight created treatment in the Part Maintenance Plan.

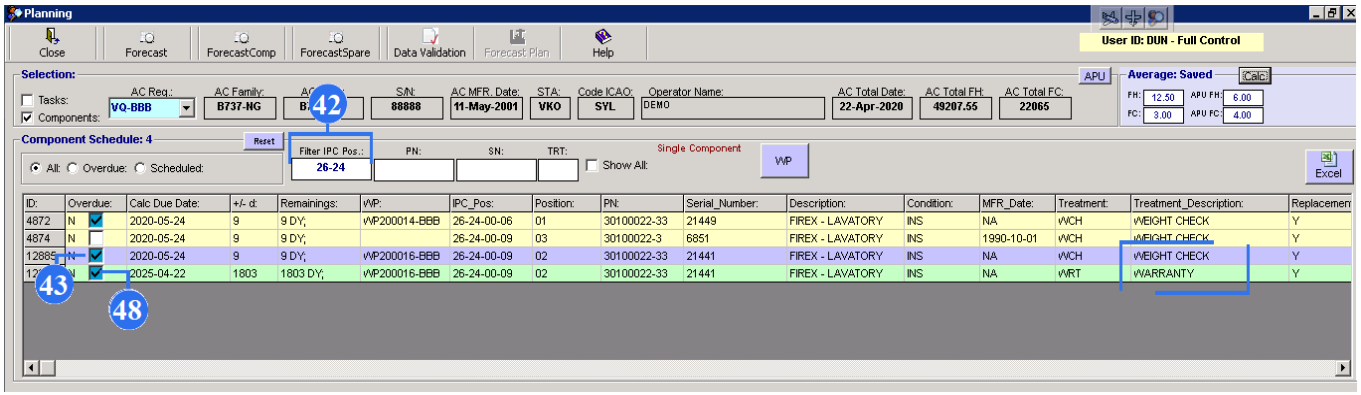
38. In the Editor change treatment and push Add button to save it.

39. In the Associated Treatment field you can see associated treatment.

40. In Part Maintenance Plan new line will appear.

Also associated treatment was reflected in the Planning module.

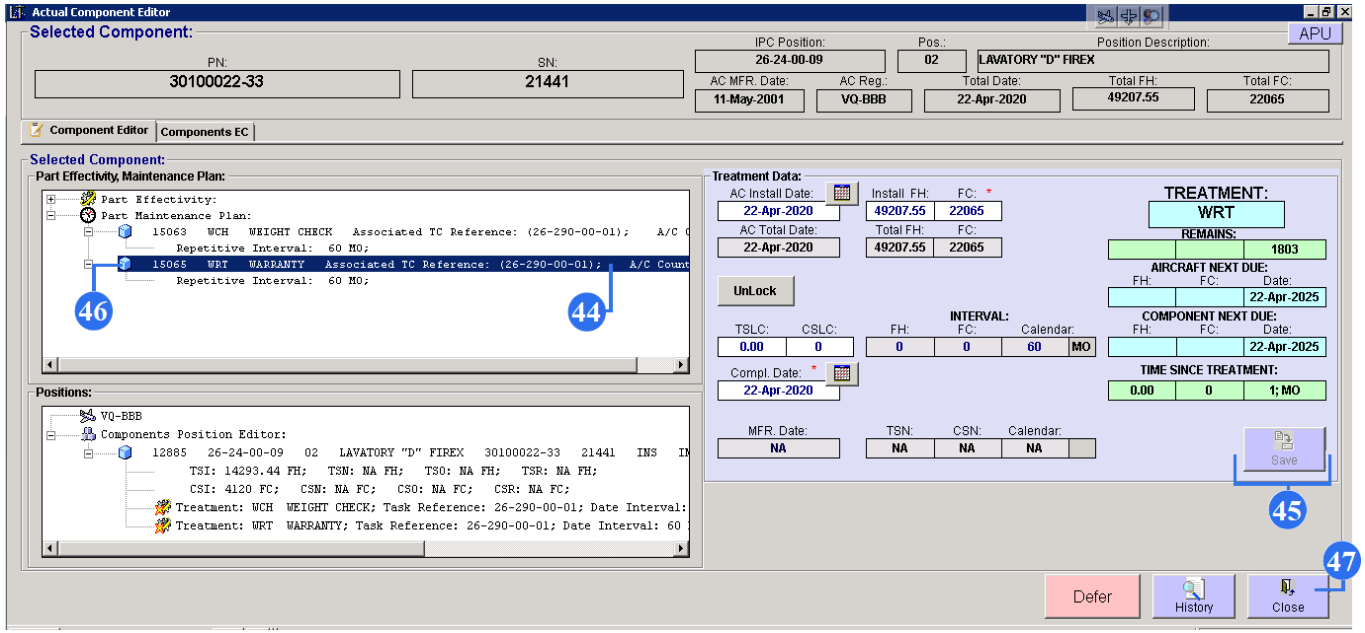


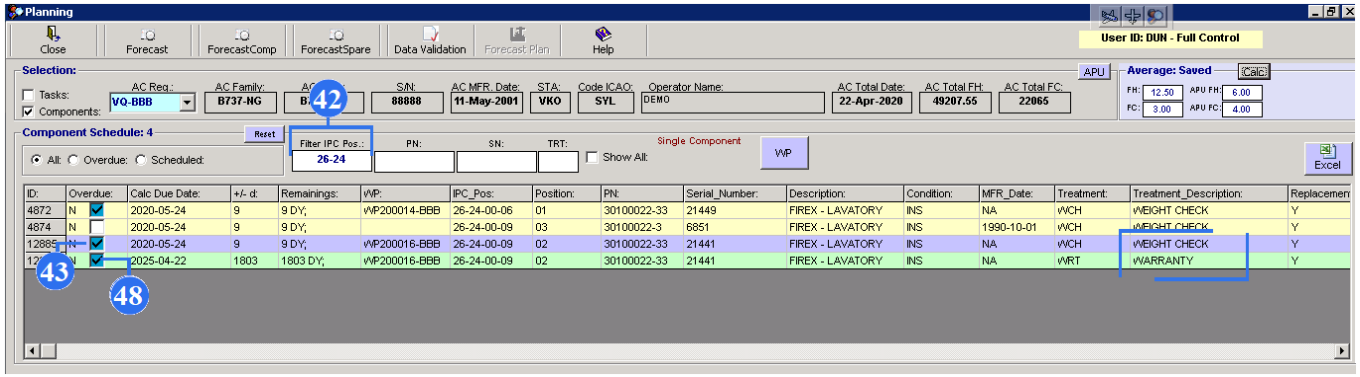


41. In the PART M click on the Planning button.

42. In the Filter IPC. Pos. field enter IPC data to search component.

43. Highlight the line and right click. Actual Component Editor opens.





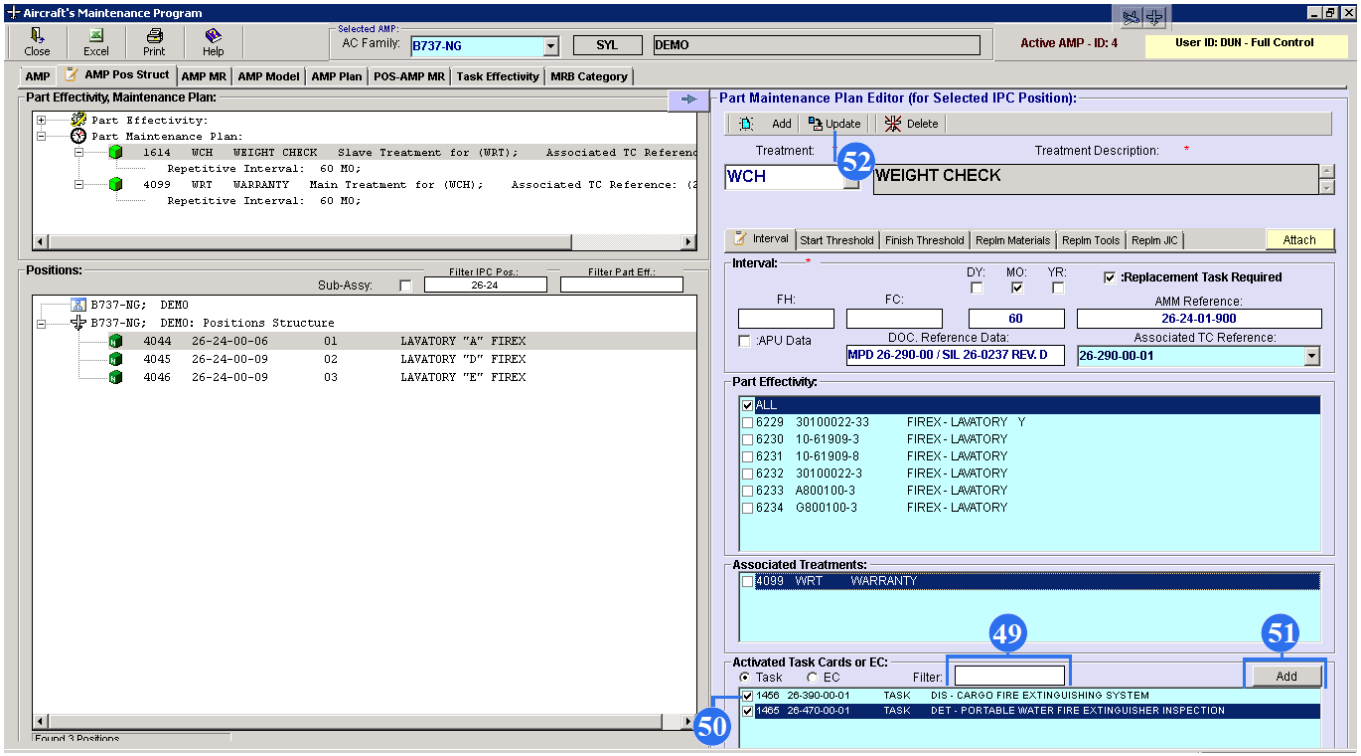
44. Select component with new treatment in the “Part Effectivity, Maintenance Plan” window.

45. In the “Treatment Data” editor click on the Save button.

46. Note, that cube has turned blue.

47. Close the editor.

48. In the Planning module you can see the line with associated treatment. Create WP.



If treatment of component includes some tasks or EC, you can connect component treatment with tasks/EC. Do these steps:

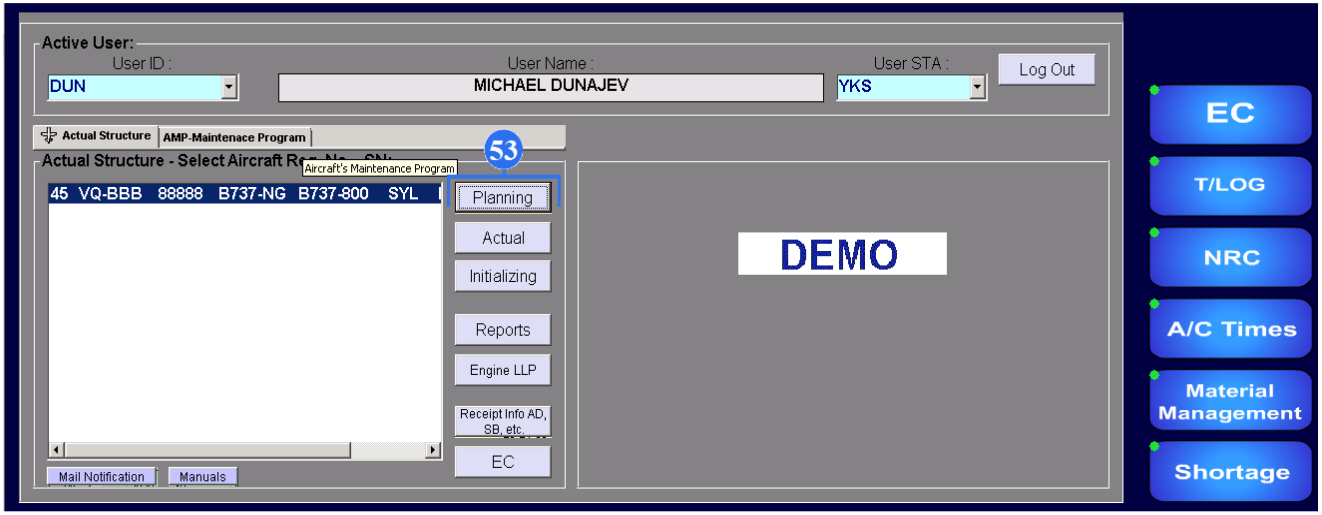
49. In the “Activated Task Cards or EC” editor use Filter field to enter task or EC. Push Enter button on your keyboard.

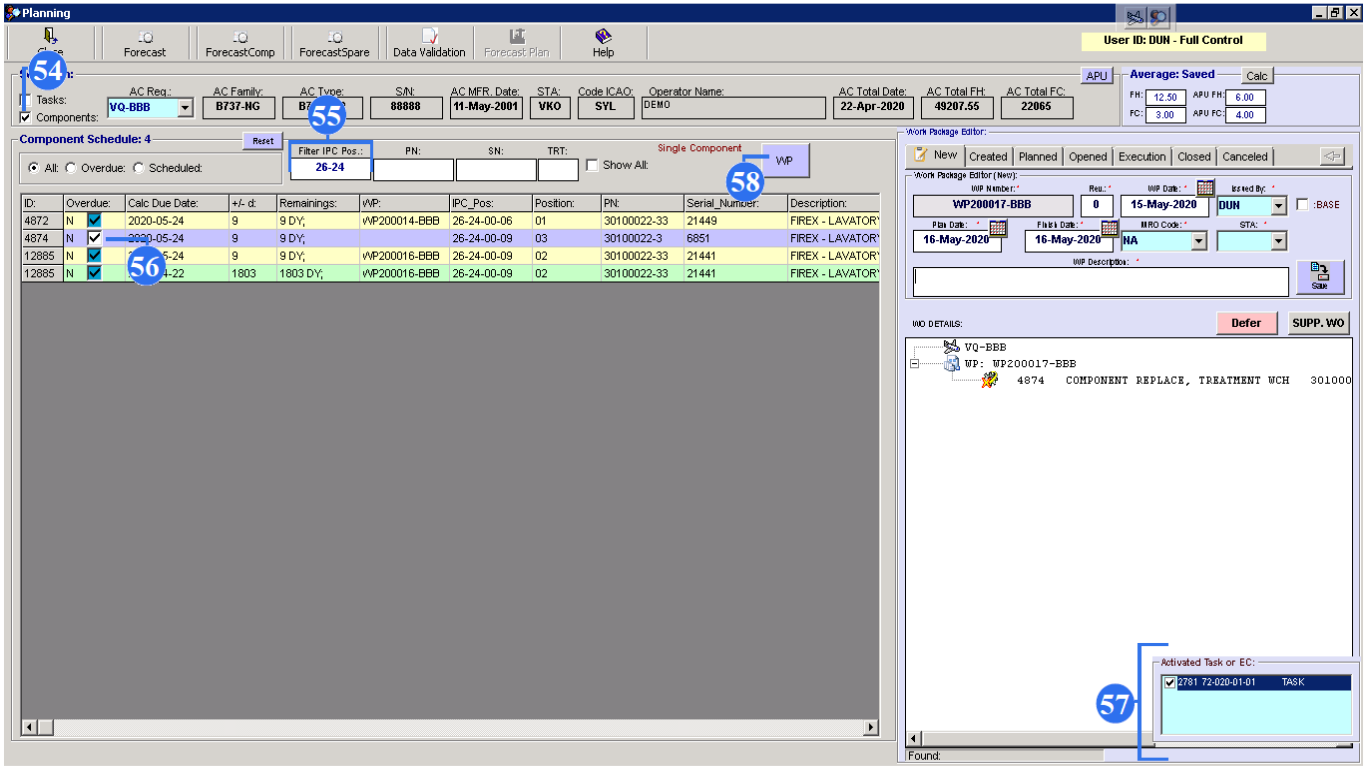
50. Task or EC appear in the window. Check box it.

51. Click Add button.

52. Don’t forget to push Update button.

In Planning module all activated tasks or EC will be added to WP, which will be created for component treatment.





53. In the PART M module click on the Planning button.

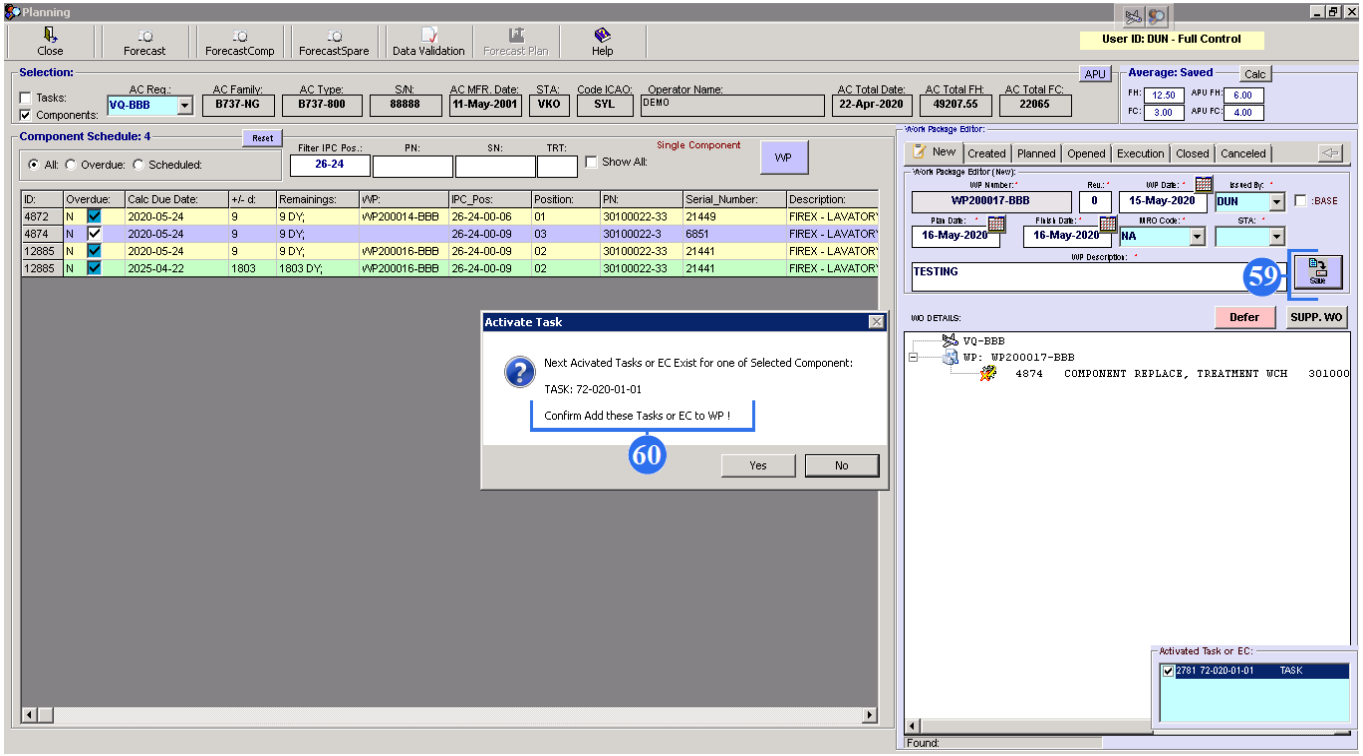
54. Check box Component field to open Component Schedule screen.

55. Use Filter IPC Pos field to enter IPC position.

56. Check box the line with component.

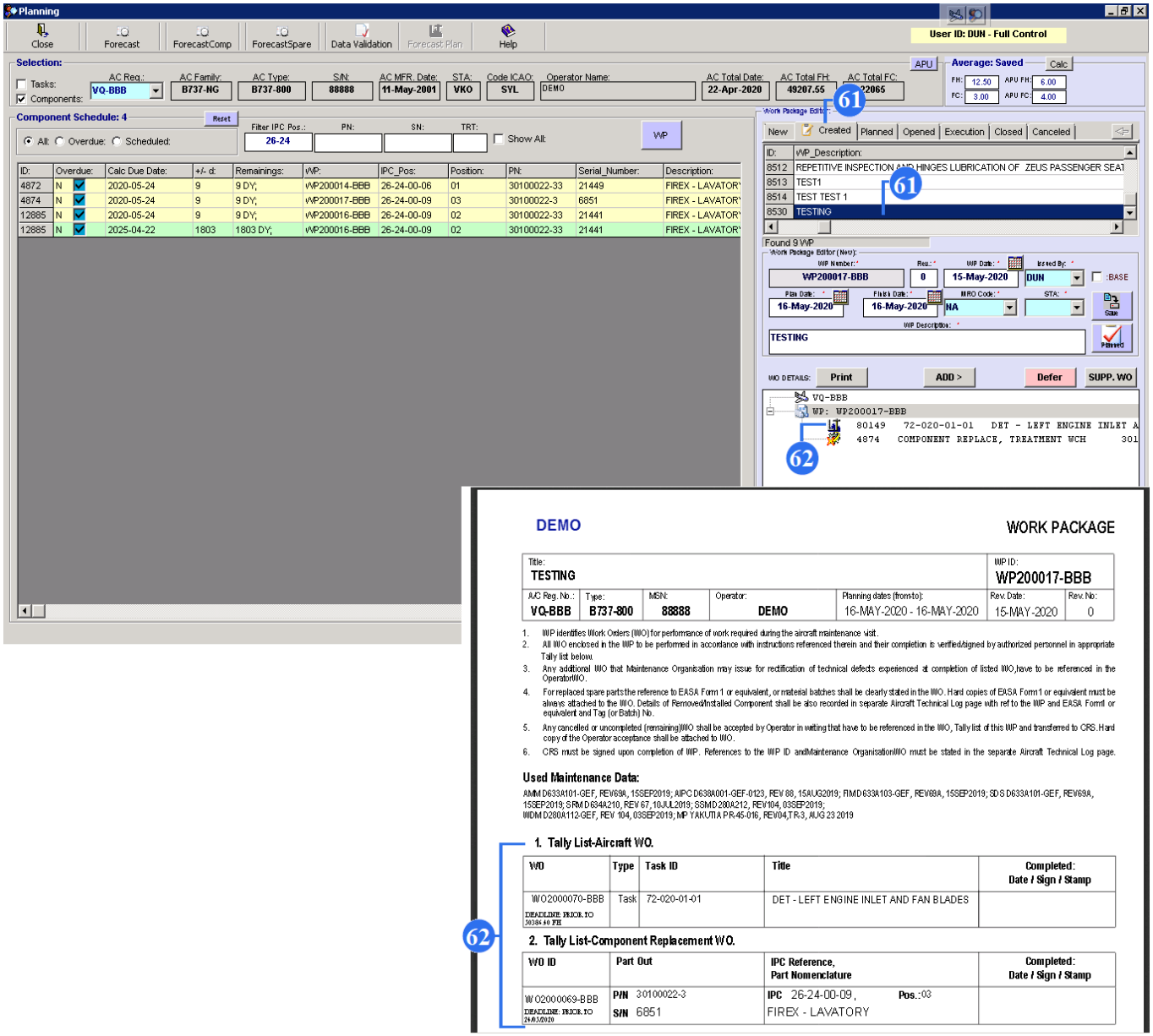
57. You can see window with activated task.

58. Push WP button.



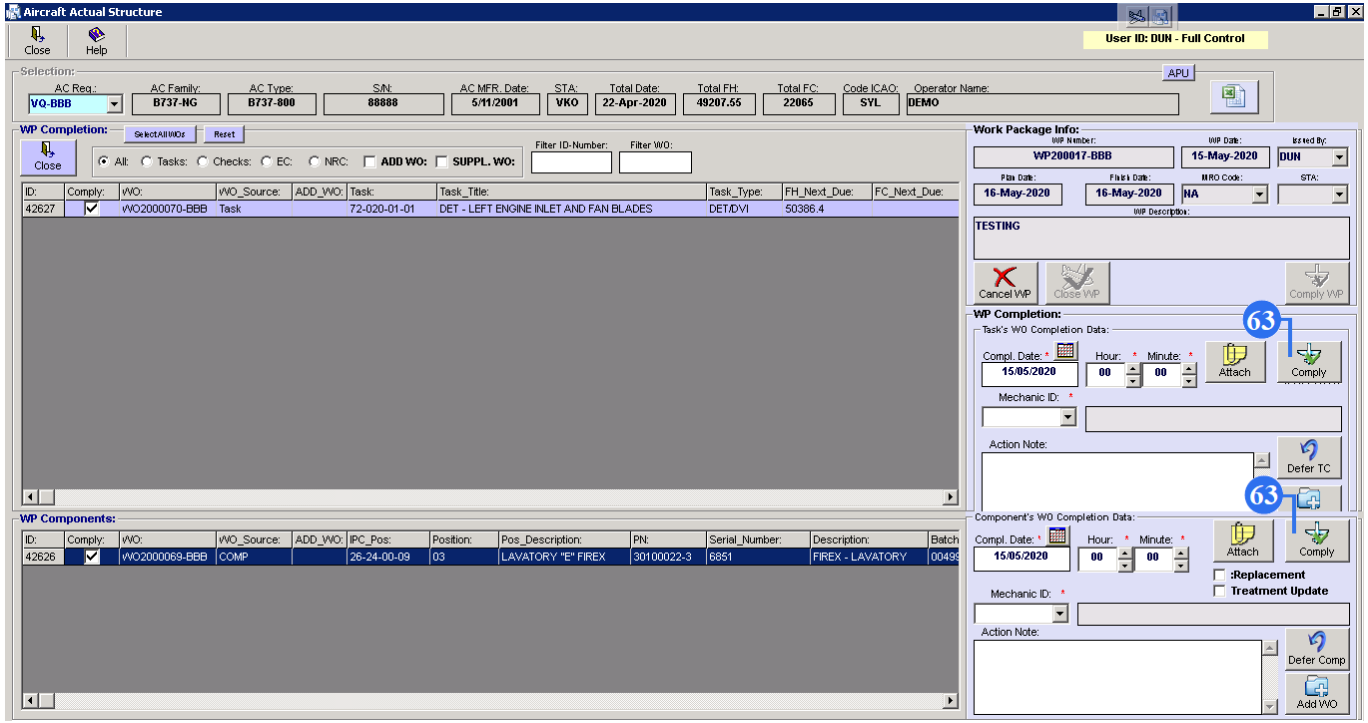
59. In the WP Editor (“New” tab) enter name of WP and click on the Save.

60. “Activate Task” window will appear. Window suggests to add activated task to WP. Push Yes button.



61. Go to the Created tab. Select your WP.

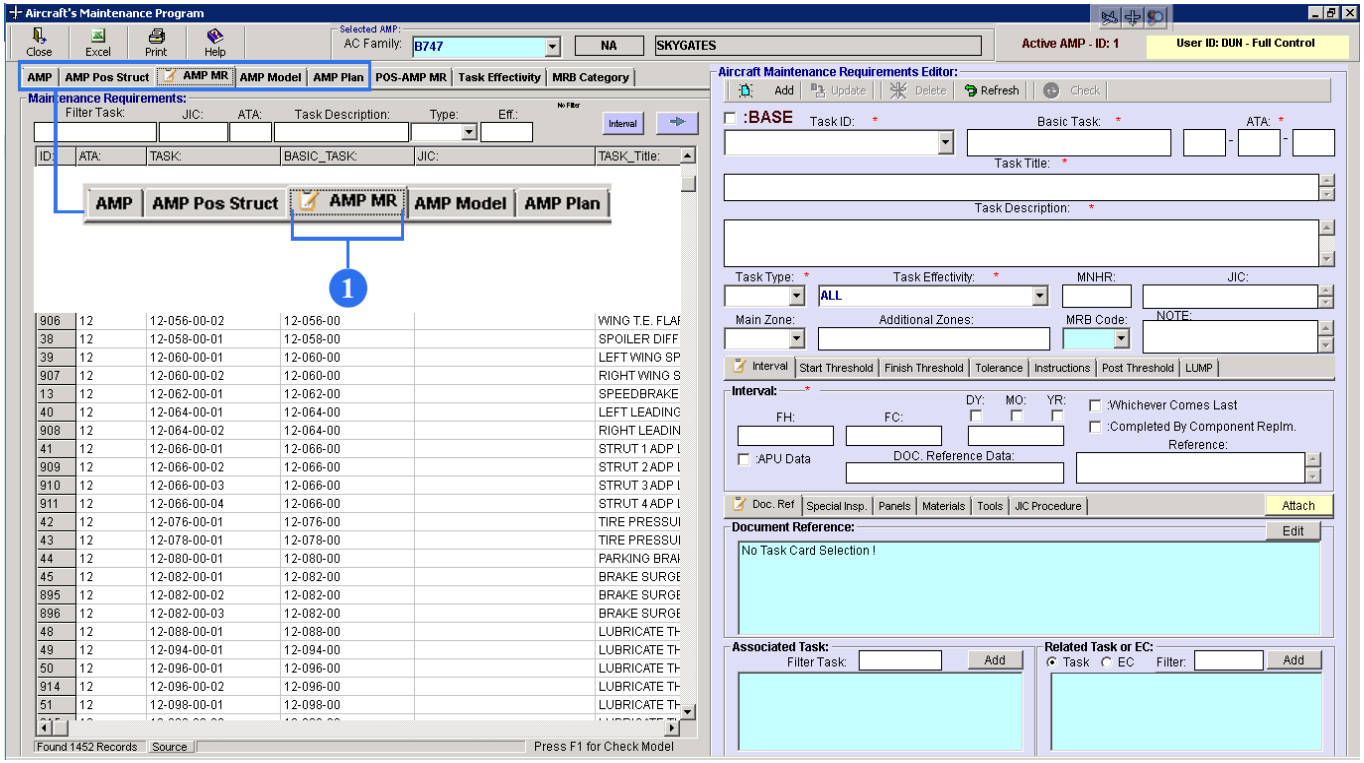
62. And you can see task, which will be added to WP as a separate WO.



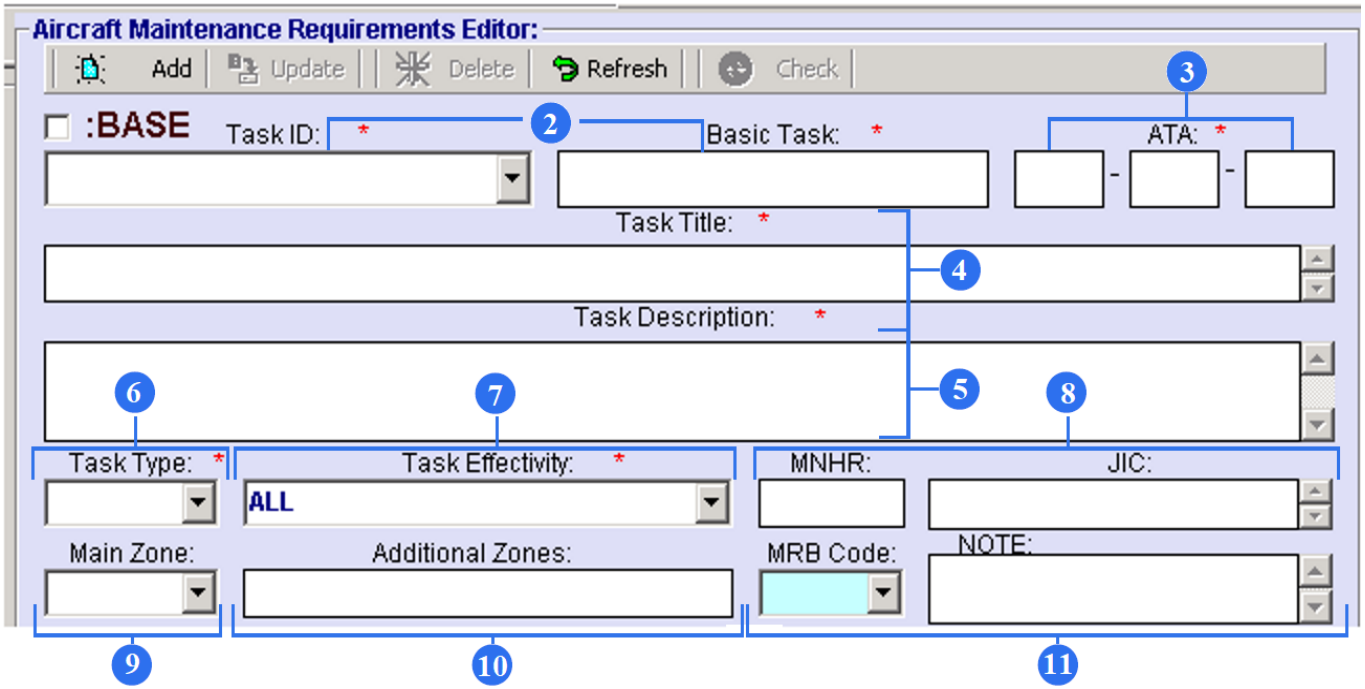
63. In Actual submodule you can complete WP. In Editor you can complete WO of the task and you can do treatment update of component.

5. AMP Maintenance Requirements

A Maintenance Requirements tab registers and describes all tasks that have to be done and all necessary information about these tasks, such as types, effectivity, intervals, references and etc. All registered tasks are used in further Maintenance Plan Creation. This tab is the same as the Maintenance Requirements in the Maintenance Plan submodule. You can make any changes here, if necessary.



1. To open AMP maintenance requirement screen, click on the AMP MR.



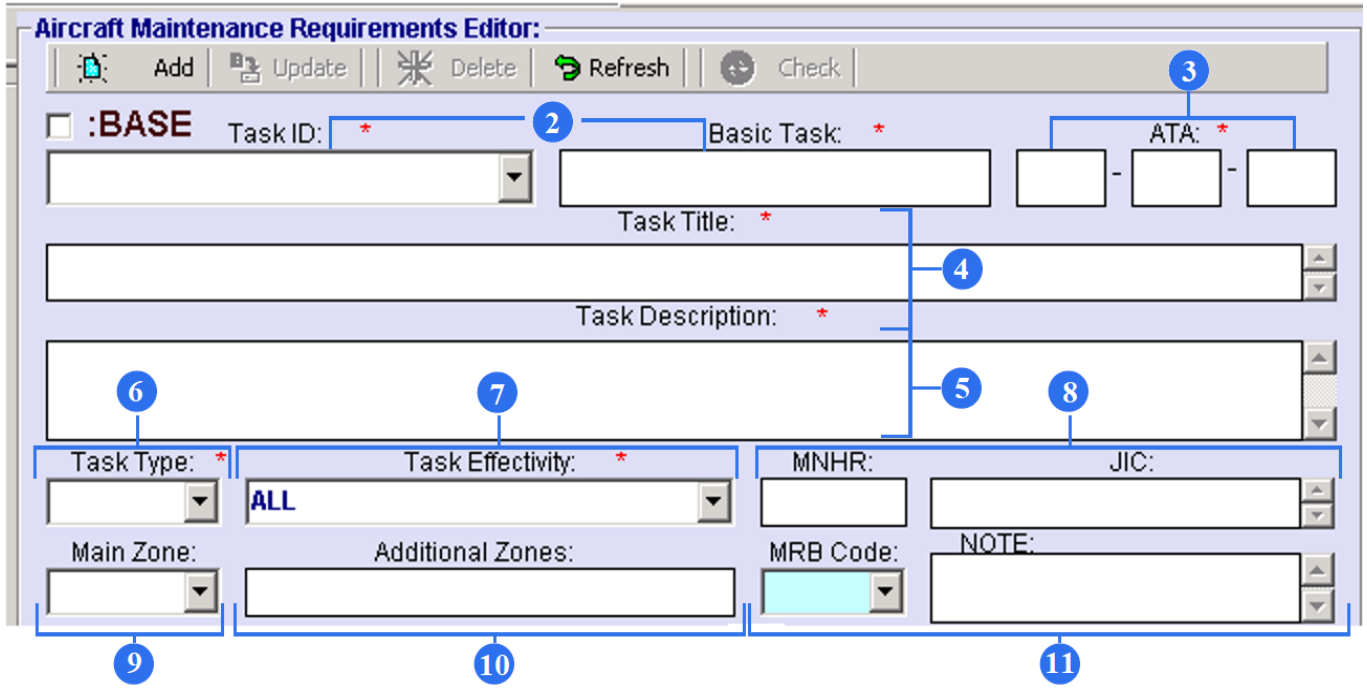
2. To create a new task, type your Task ID and a Basic Type, according to a maintenance program document.
3. Enter an ATA Chapter in an appropriate field.
4. Name the task.
5. Write down a short task description.

6. Select a Task Type from a combo box:

- CPCP – corrosion prevention task
- STRU – structural task
- SYST – system task
- ZONA – zonal task

7. Select a Task Effectivity from a combo box. Note that Task Effectivity is registered in a Task Effectivity tab.

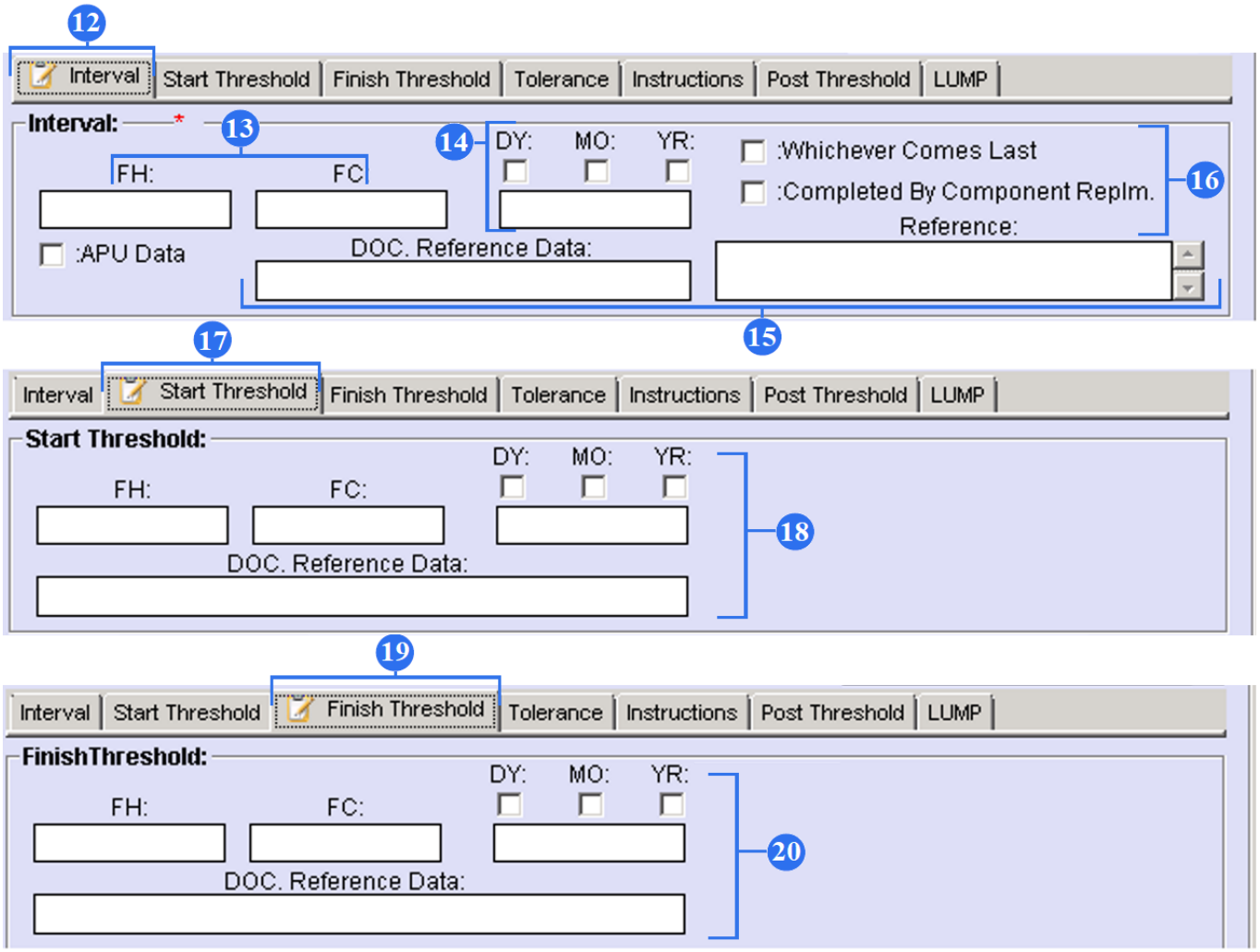
8. Type MNHR (man-hour) and a JIC number (Job Instruction Card).



9. Select a Main Zone from a combo box. If there is no required zone in a list, type this zone in the Main Zone field and click on the Update button.

10. Type Additional Zones if necessary.

11. Choose an MRB Code (Maintenance Review Board) and fill out the Note field if necessary. Note that MRB Codes are registered in a MRB Category Codes tab.



12. Click on the Interval tab.

13. To set up a certain interval for repetitive tasks, type FH (flight hours)/ FC (flight cycles)

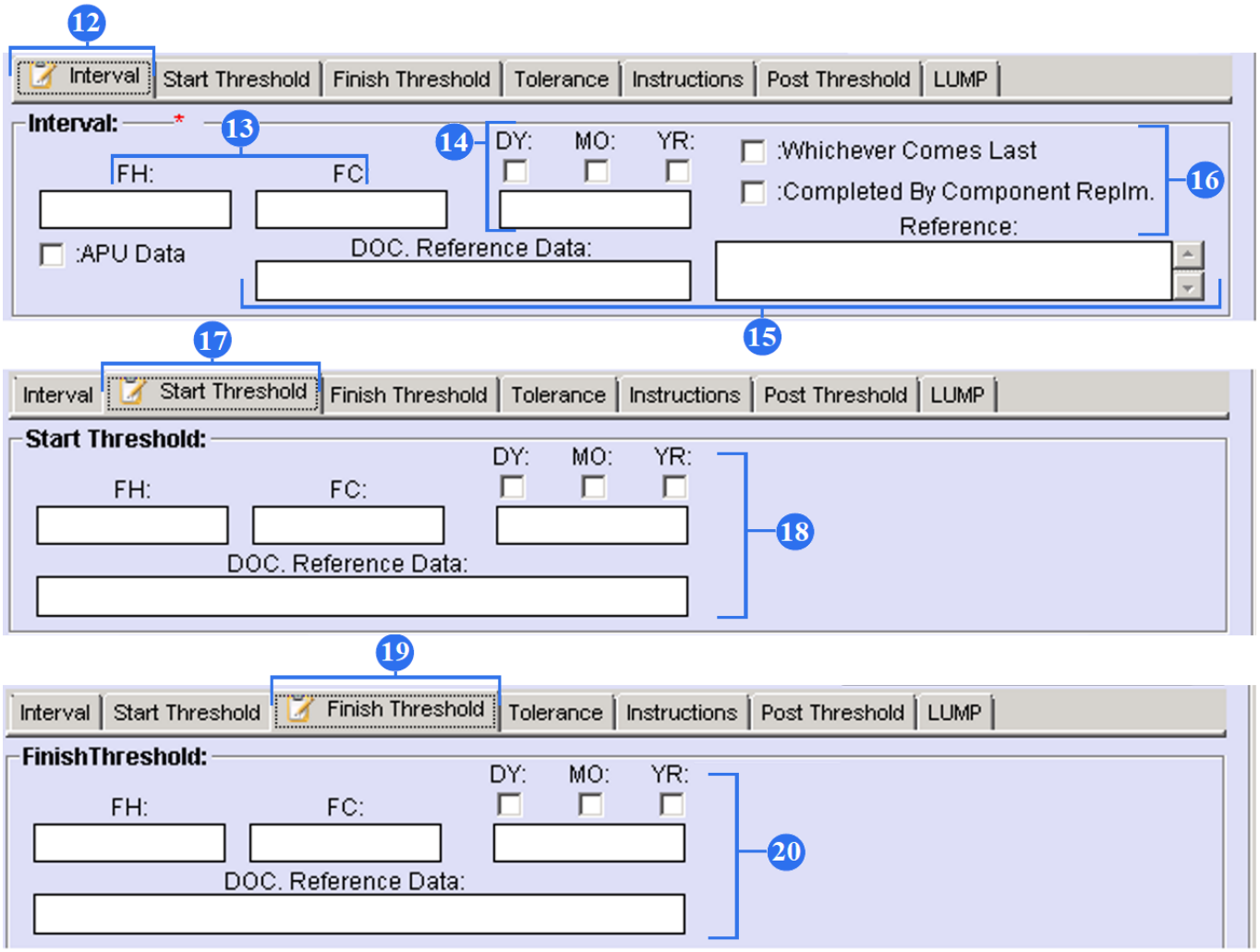
14. To set up a certain interval for repetitive tasks, type DY (days)/ MO (months)/ YR (years).

15. Enter document reference data and reference component IPC position if it is necessary.

16. Tick the 'Whichever Comes Last' field if there are several parameters and the task should be repeated only when the last parameter is reached.

Tick the 'Completed By Component Replm' field, if component replacements are required for the task completion.

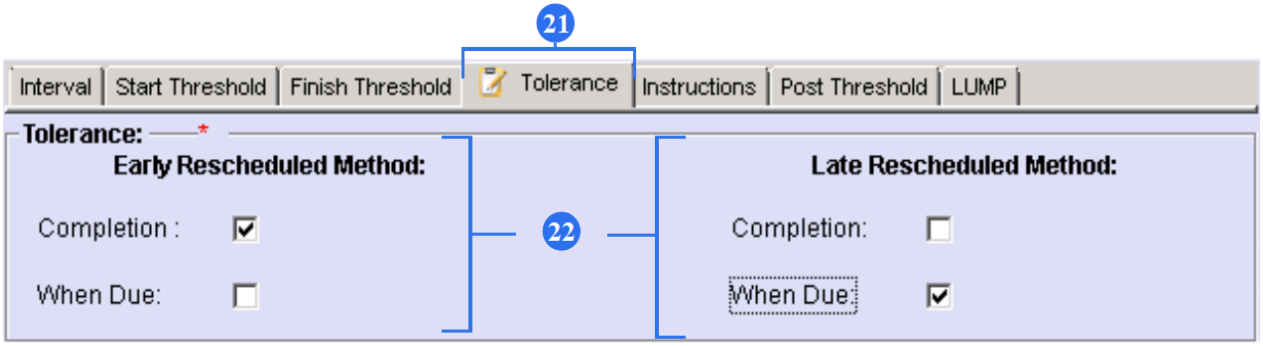
17. Click on the Start Threshold tab.

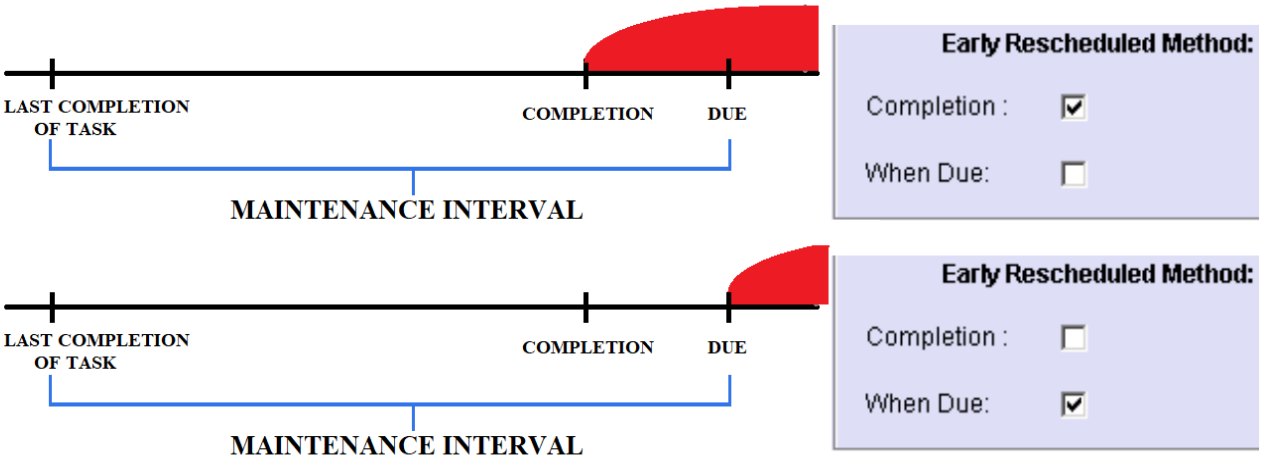


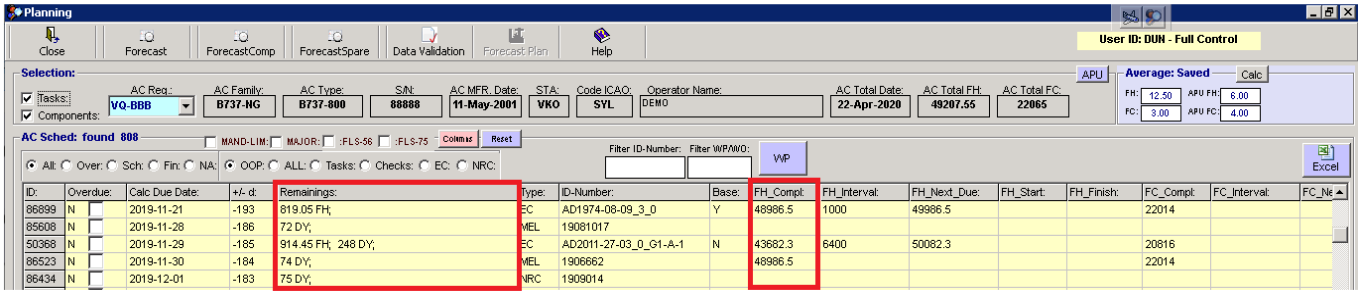
18. To set up a Start Threshold, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years). Only when the set parameters are reached, the task starts to be carried out.

19. Click on the Finish Threshold tab.

20. To set up a Finish Threshold, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years). Only when the set parameters are reached, the task automatically is ceased.



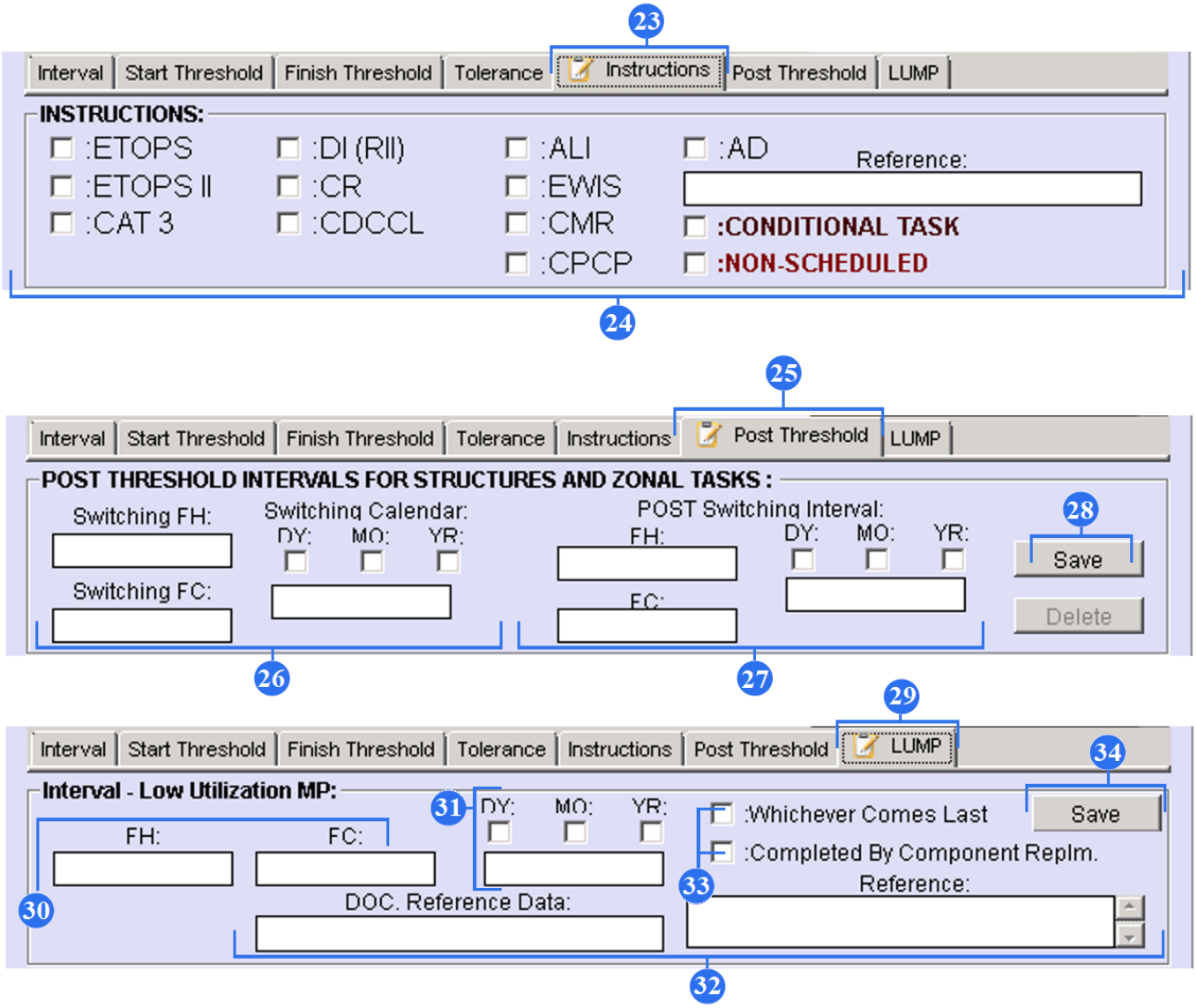




21. Click on the Tolerance tab.

22. Set up possible tolerance for repetitive tasks.

The line segment from “LAST COMPLETION OF TASK” to “DUE” is maintenance interval, which is set in “Interval” tab. Maintenance interval shows how often the task is executed. If you decide to complete the task early than maintenance interval, you can show where to read a set maintenance interval. In “Early Rescheduled Method” column tick the “Completion” field. Therefore, the maintenance interval begins to read from “completion”. In “Planning” submodule the program will automatically add the value from the “Remaining” column and the value from the “FH_Compl” column. In “Early Rescheduled Method” column tick the “When Due” field. Then the task will need to be completed after the “maintenance interval” (from DUE). With the Late Rescheduled Method the same thing is done.



23. Click on the Instructions tab.

24. When a task goes necessarily with instructions, you should mark the required instruction.

25. Click on the Post Threshold tab.

26. To set up a switching interval for repetitive tasks, type FH (flight hours)/ FC (flight cycles), DY (days)/ MO (months)/ YR (years).

27. To set up a post switching interval for repetitive tasks, type FH (flight hours)/ FC (flight cycles), DY (days)/ MO (months)/ YR (years).

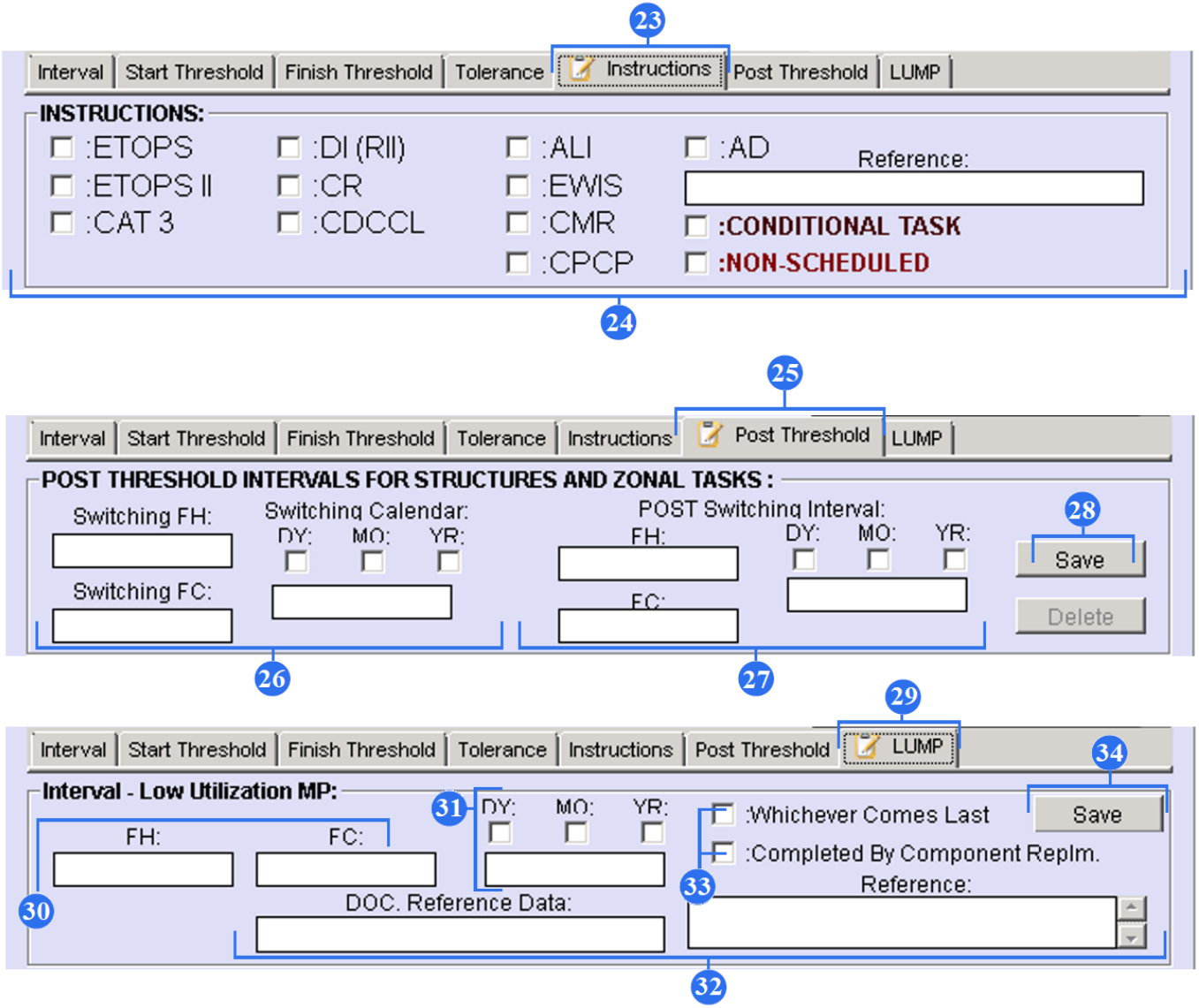
28. Push “Save” button to save entered data.

29. Click on the LUMP tab.

30. To set up a low utilization interval for repetitive tasks, type FH (flight hours)/ FC (flight cycles)

31. To set up a low utilization interval for repetitive tasks, type DY (days)/ MO (months)/ YR (years).

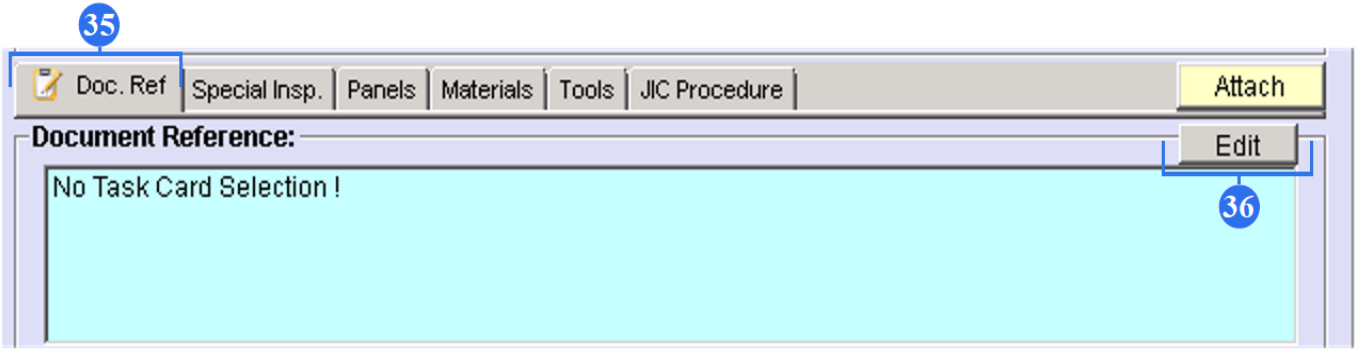
32. Enter document reference data and reference component IPC position if it is necessary.

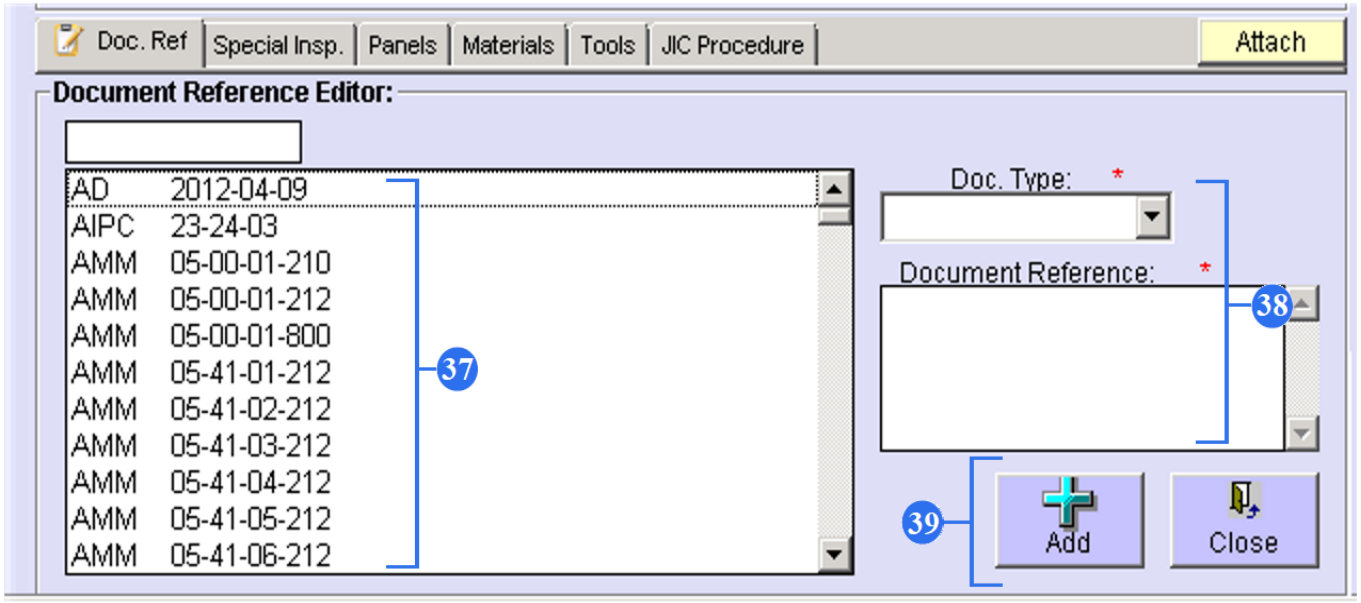


33. Tick the ‘Whichever Comes Last’ field if there are several parameters and the task should be repeated only when the last parameter is reached.

Tick the ‘Completed By Component Replm’ field, if component replacements are required for the task completion.

34. Push “Save” button.





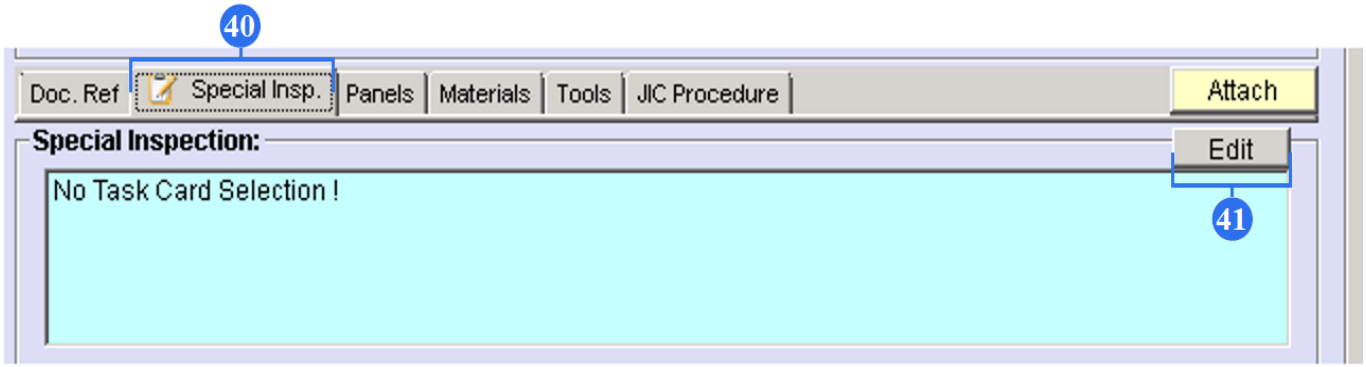
35. If it is necessary to add documentation reference push “Doc.Ref”.

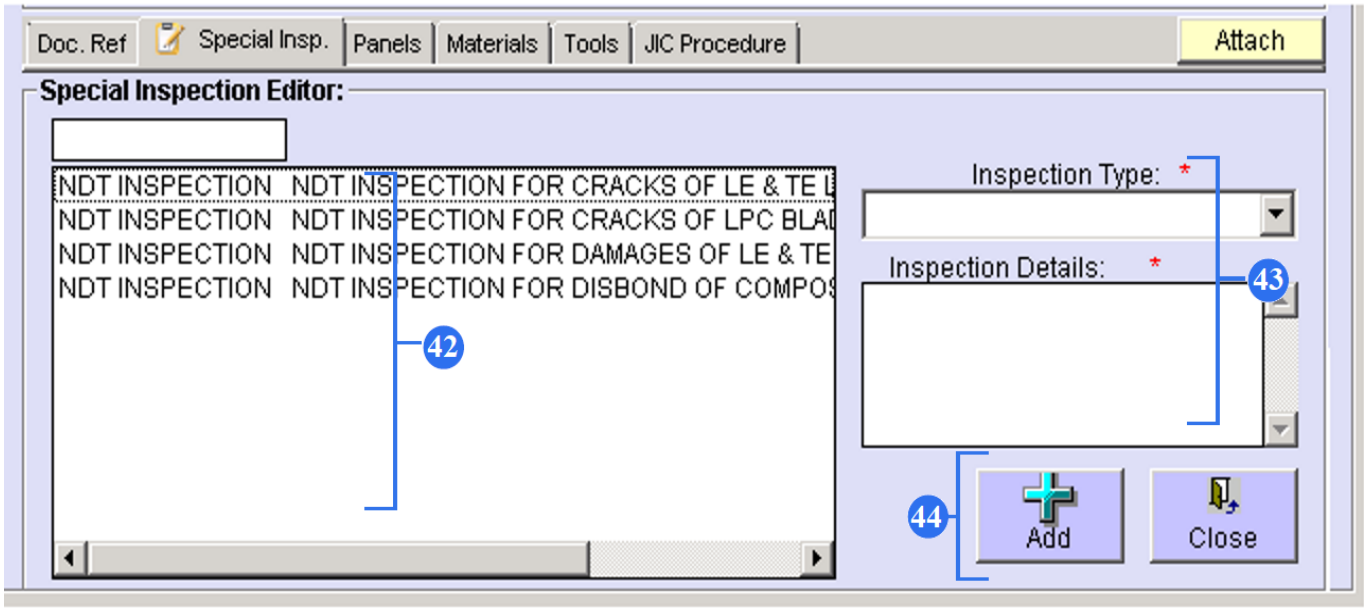
36. To open Document Reference editor push “Edit” button.

37. From the whole list select corresponding document and click two times.

38. If a document is absent in the list, enter type of a document and document reference.

39. Push “Add” button to save data. Click on the Close to close screen.





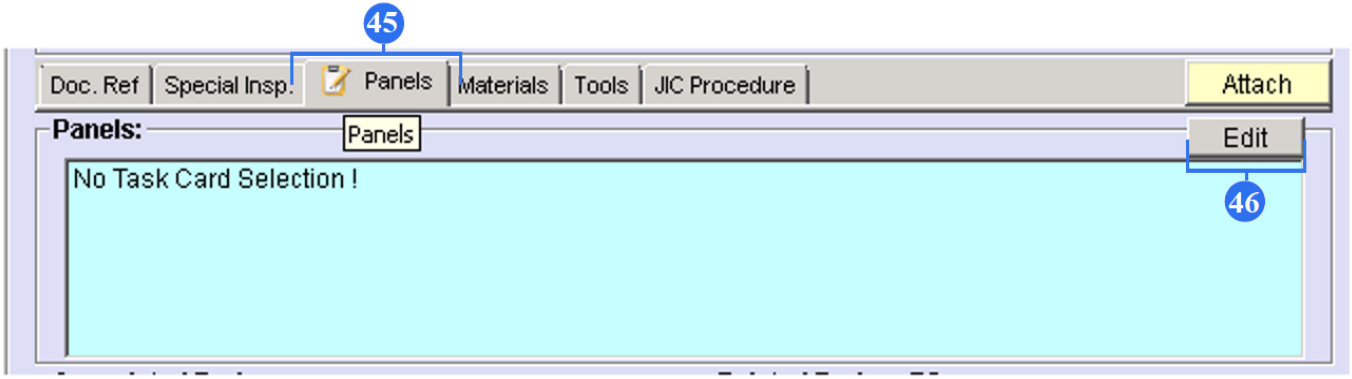
40. If it is necessary to add special inspections push “Special Insp”.

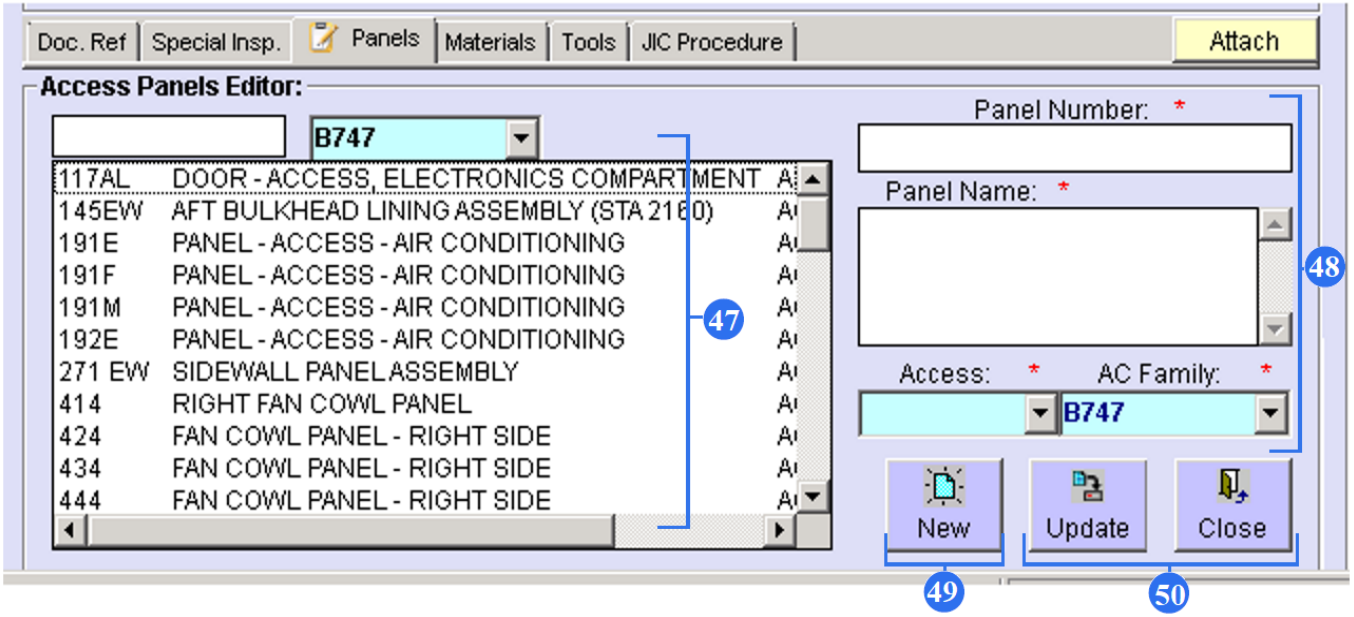
41. To open Special Inspection editor push “Edit” button.

42. From the whole list select corresponding inspection and click two times.

43. If a document is absent in the list, enter type of an inspection and inspection details.

44. Push “Add” button to save data. Click on the Close to close screen.





45. If it is necessary to add panels push “Panels”.

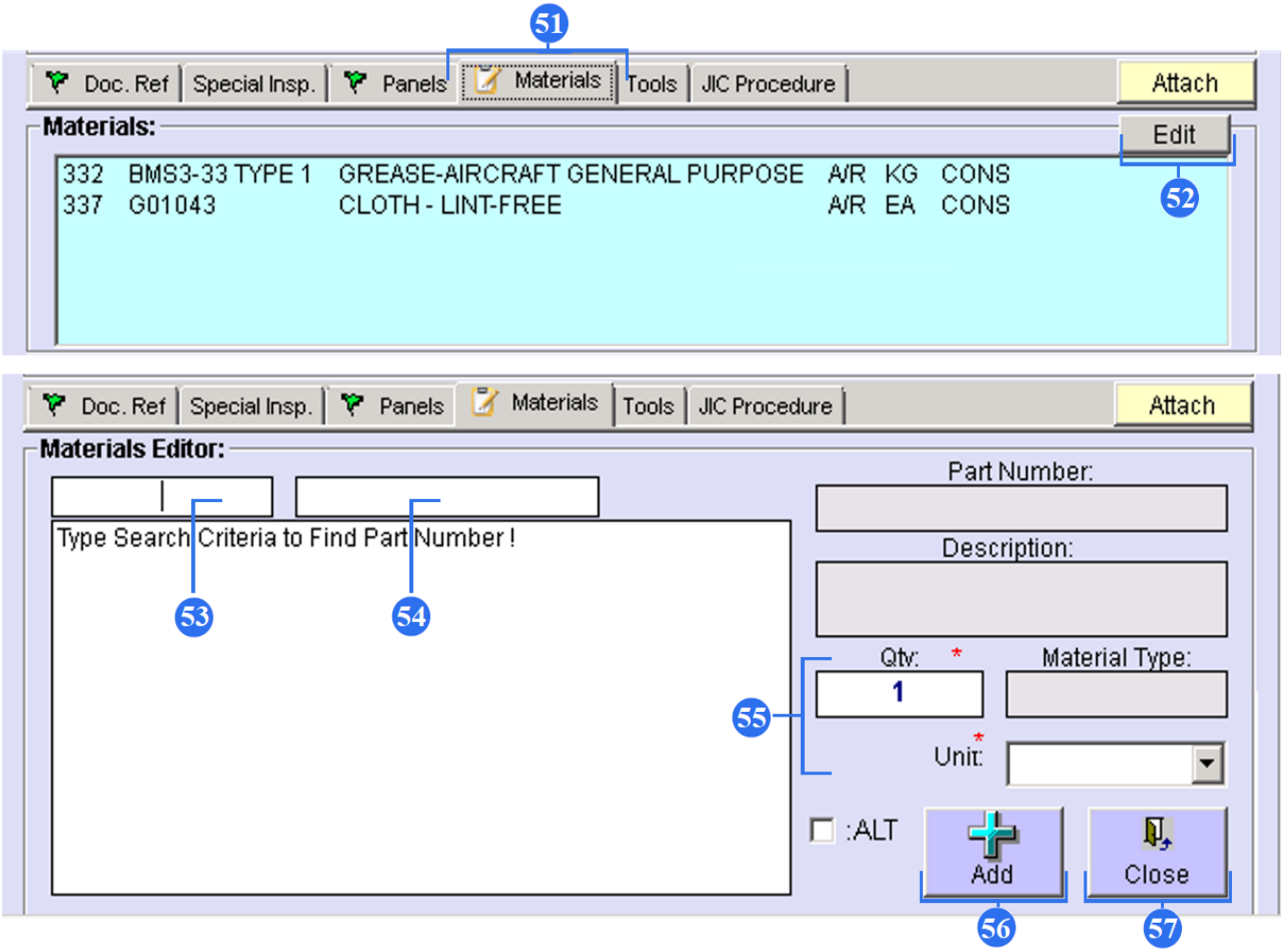
46. To open Access Panels editor push “Edit” button.

47. From the whole list select corresponding panels and click two times.

43. If a panel is absent in the list, enter panel number and panel name. Type access and AC family.

44. Push “New” button to save data.

50. If you change data, push Update button. Click on the Close to close screen.



51. If it is necessary to add materials push “Materials”.

52. To open Materials editor push “Edit” button.

53. Type part number of the search criteria and press Enter button on your keyboard.

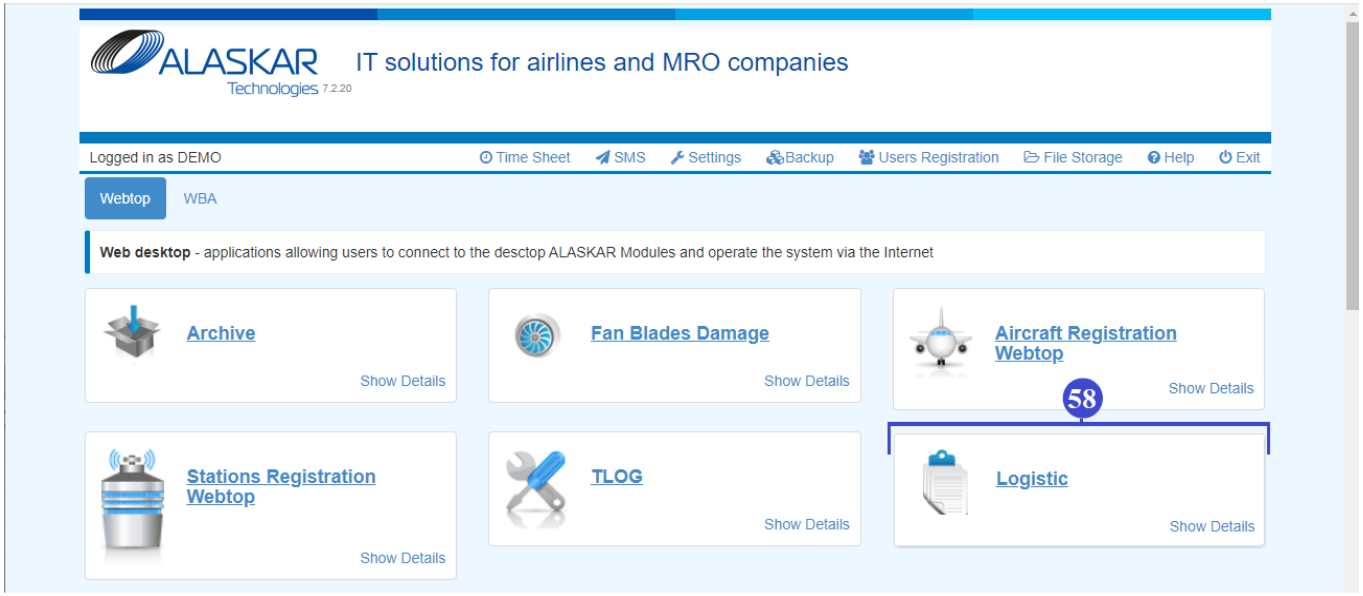
54. Type description of the search criteria and press Enter on your keyboard.

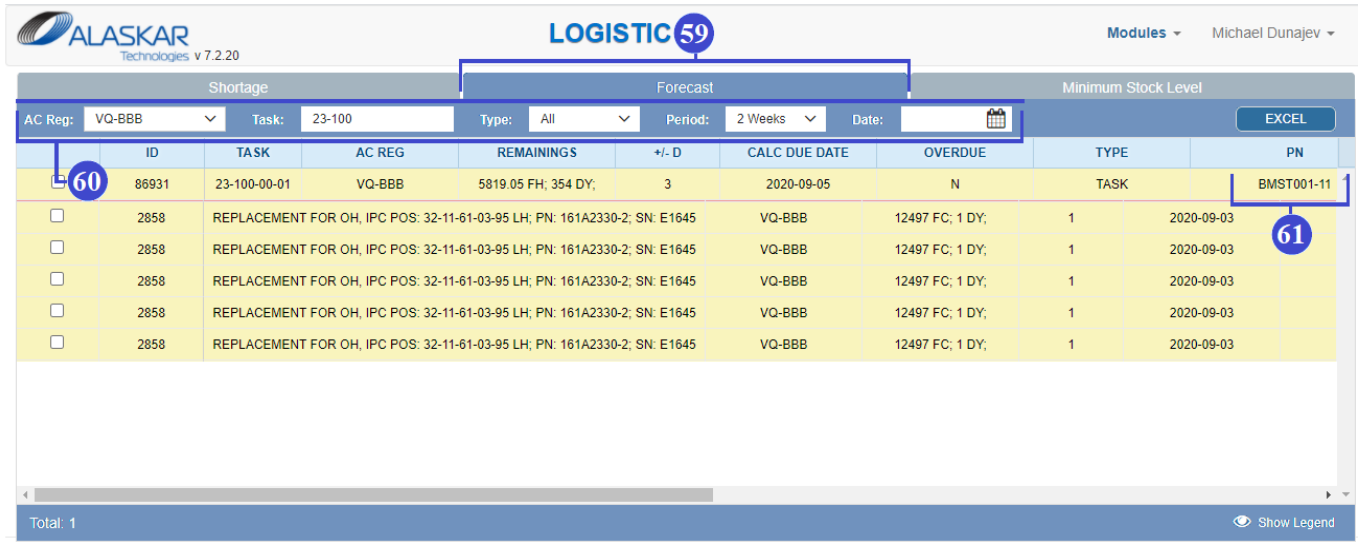
Select from the whole list necessary material and double click. “Part Number” and “Description” fields will be filled out.

55. Type quantity and how it is measured (“Unit” field).

56. Push “Add” button to save data.

57. Push “Close” button to close the editor.



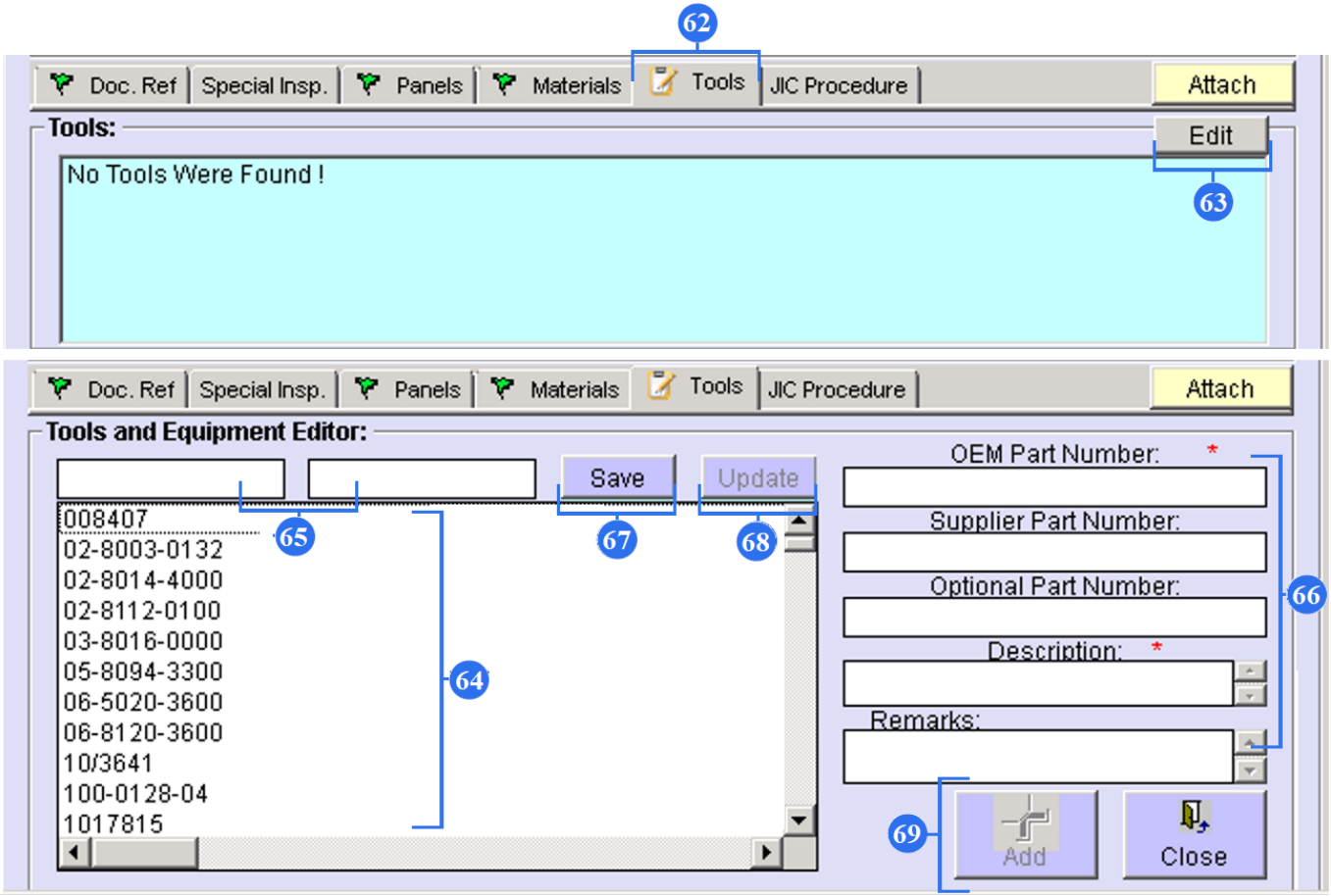


58. You can see this data in the “Logistic” module of WEB Version. Push on the “Logistic”.

59. From the three columns select “Forecast” column.

60. Use the filters such as “A/C Reg”, “Task”, “Type”, “Period” and “Date” to find a task.

61. You can see in the “PN” column materials data, which were added in the AMP submodule under “Materials” tab.



62. If it is necessary to add tools push “Tools”.

63. To open Tools and Equipment editor push “Edit” button.

64. From the whole list select associated tool.

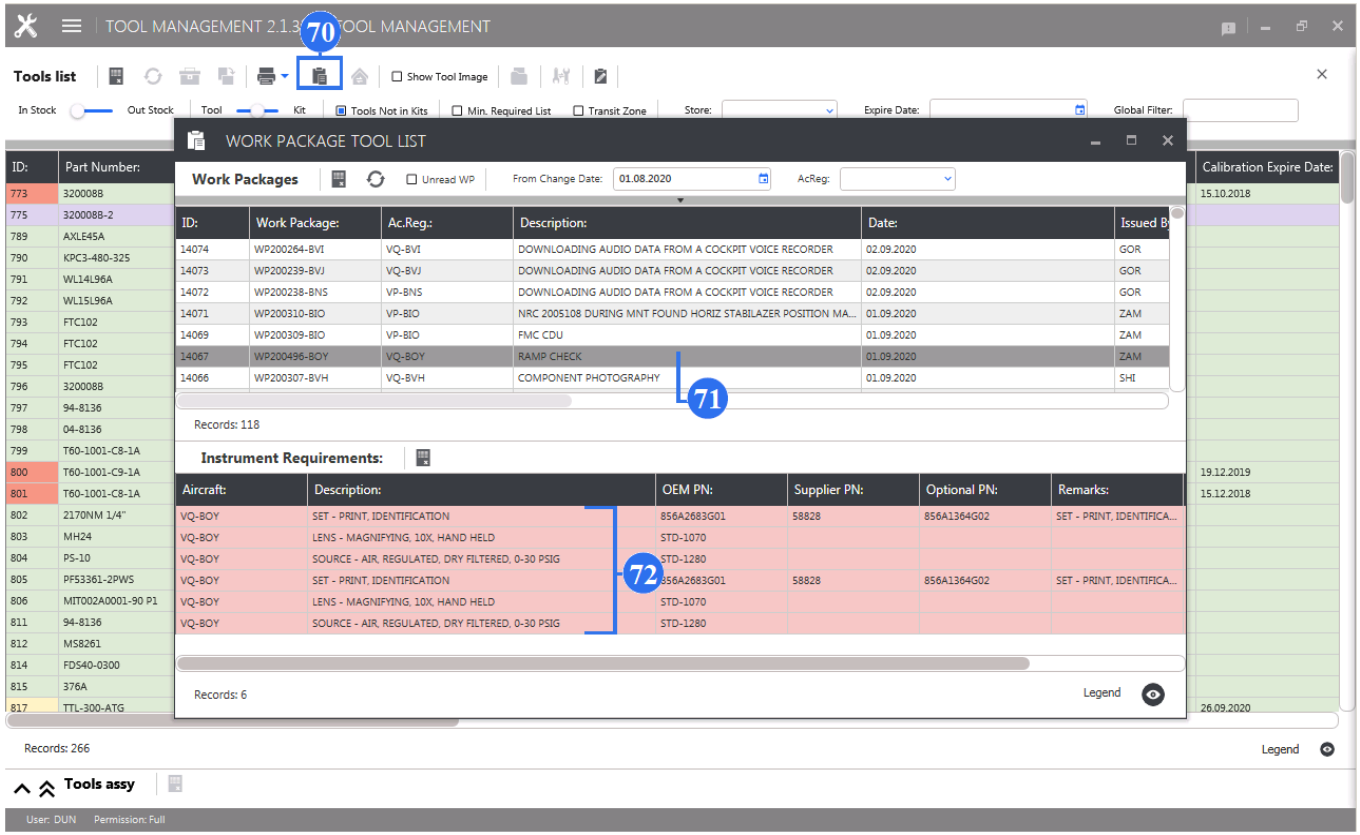
65. Use finder to look for the tool quickly. (Enter OEM P/N).

66. If tool data is absent in the list, use these fields to enter new tool to the list.

67. Push “Save” button to save new tool data.

68. “Update” button allows to change tool data and save it.

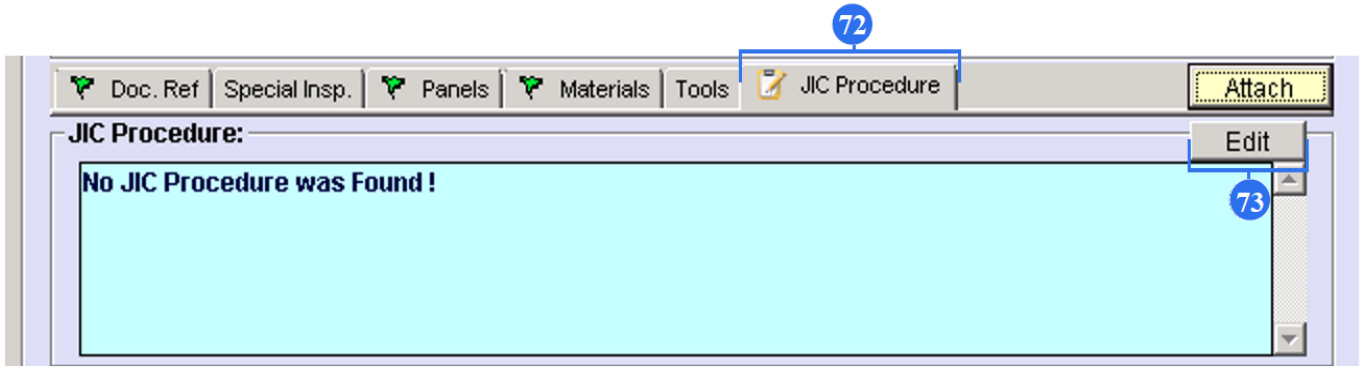
69. Push “Add” button to save recommendation tool.

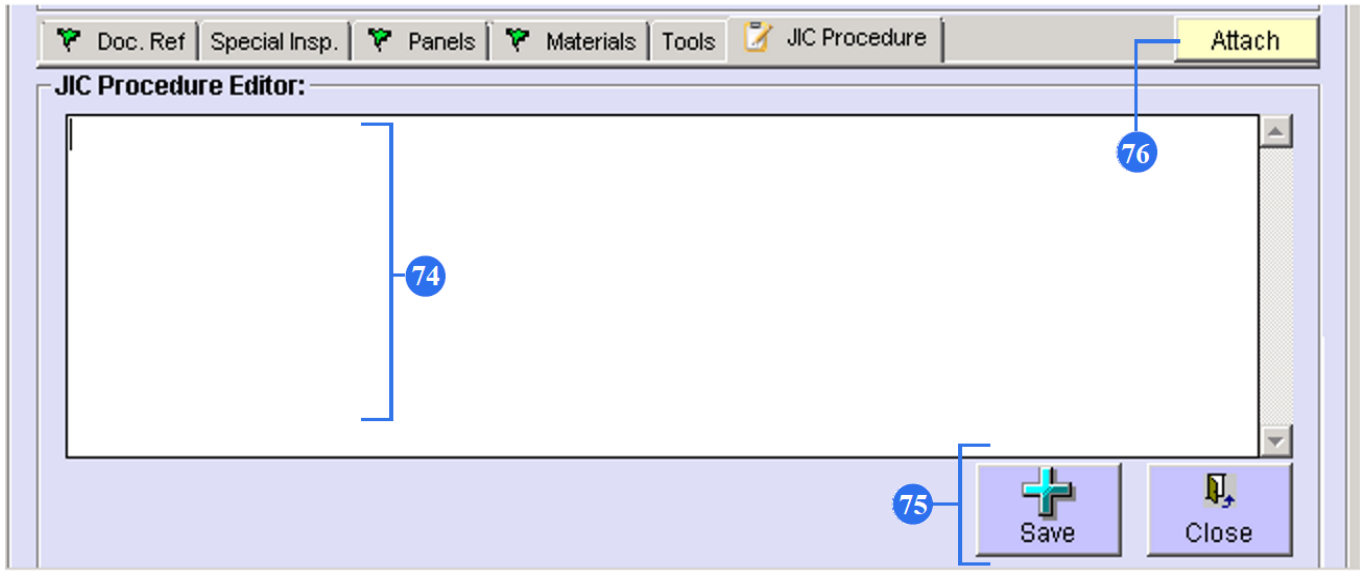


70. You can see this data in the “Tool Management System” module of Desktop Version. On the upper tool bar press button and “WORK PACKAGE TOOL LIST” screen will be open.

71. From the whole list select necessary Work Package and highlight it. WPs are created in the “Planning” submodule.

72. If in the task you have registered a tool in the “Tool” tab of the “AMP” submodule and the Task is included in the work package, then you can see the set of tools in the “Instrument Requirements” window.





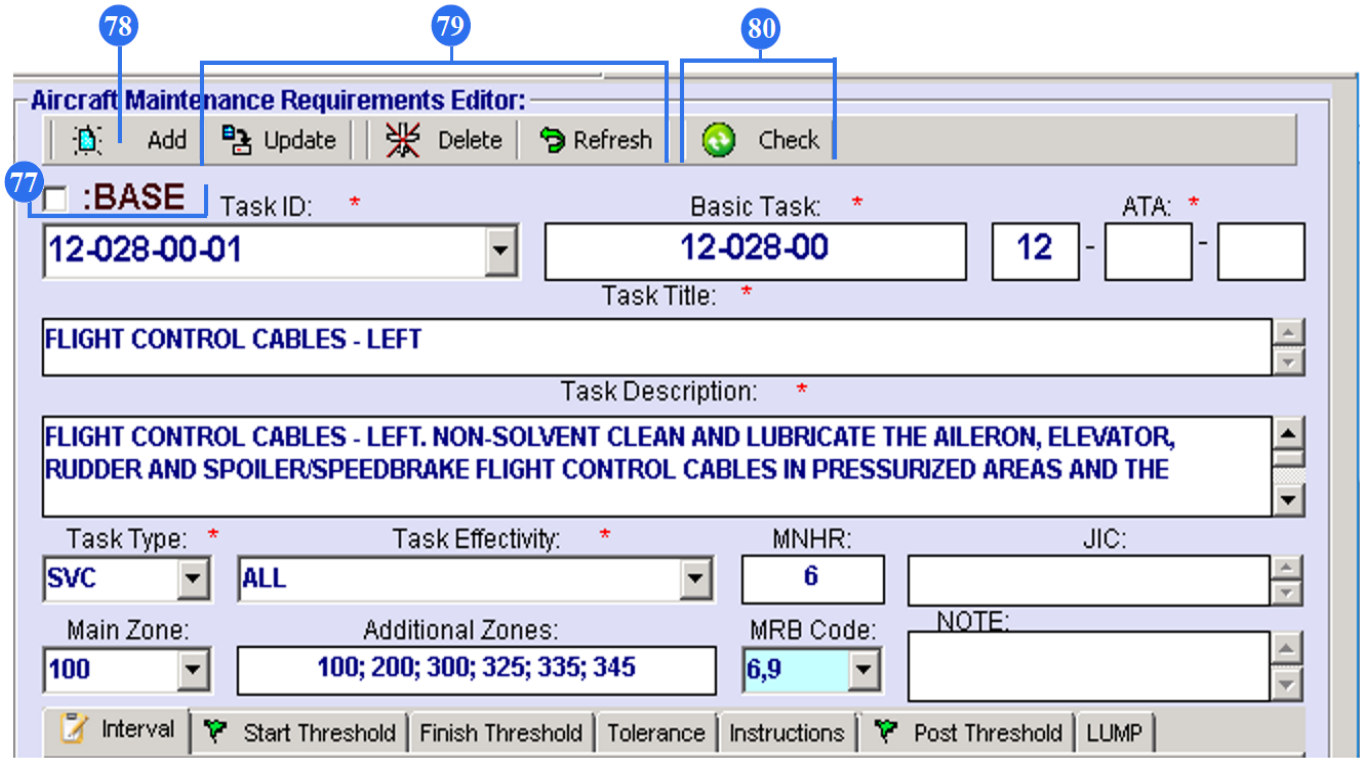
72. If it is necessary to add job instructions push "JIC Procedure".

73. To open JIC editor click on the Edit.

74. Use the field to create job instruction.

75. Push "Save" button to save instruction. "Close" button is need to close window.

76. Push "Attach" button to fix any files.



77. If the task should be completed during a base maintenance check, tick the 'BASE' field.

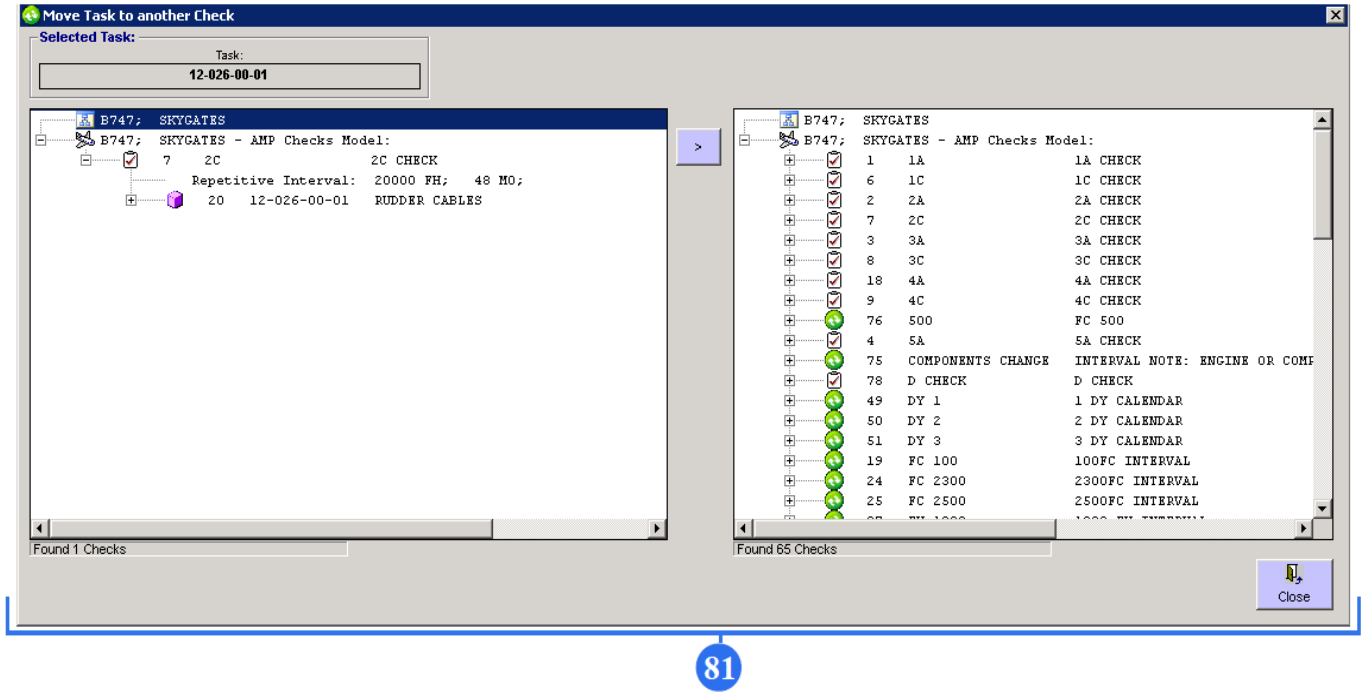
78. Click on the Add to save entered data.

79. If you change data in editor push "Update" button.

To remove the data use "Delete" button.

If you want to reset data click on the Refresh.

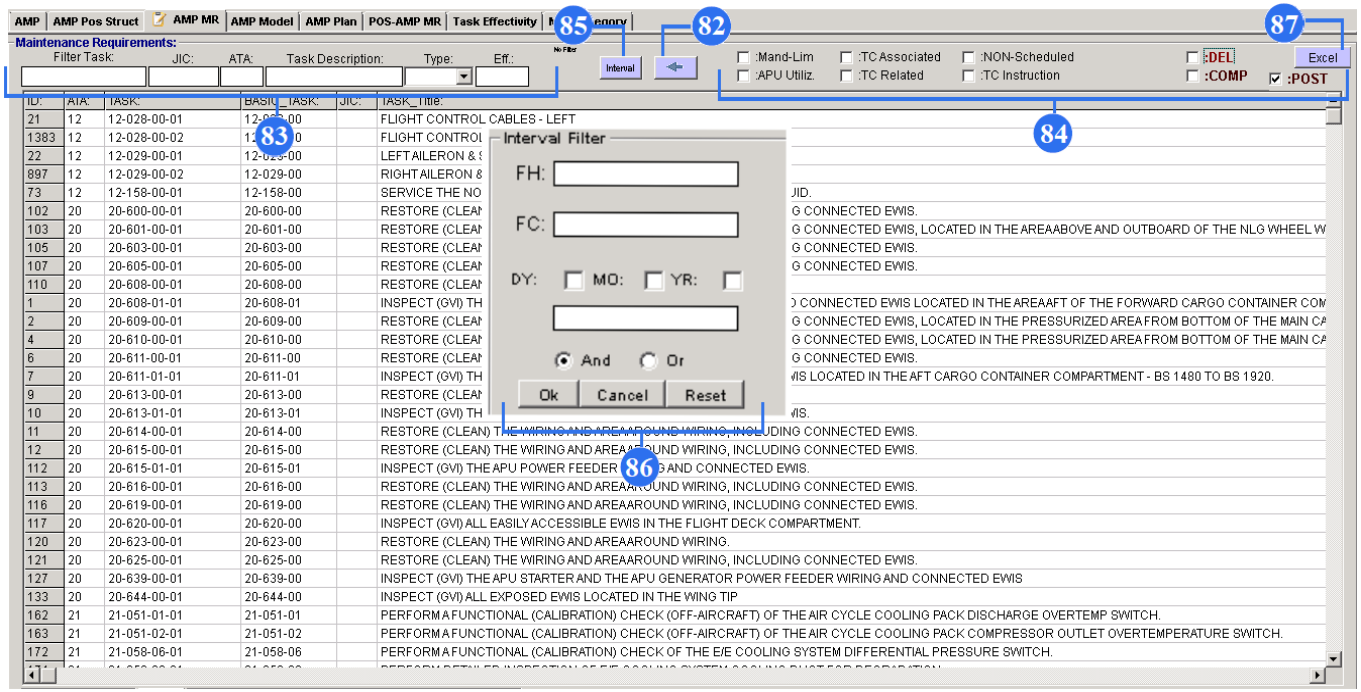
80. Push "Check" button to open editor.



81. This editor is needed to quickly enter task to any checks or to remove the task from any check.

This editor is only suitable for specific task enter.

If you want to tie more tasks with checks see chapter # 7 “AMP Plan” of this guidance.



82. Click on the button with needle to close editor. You can see all the entered tasks.

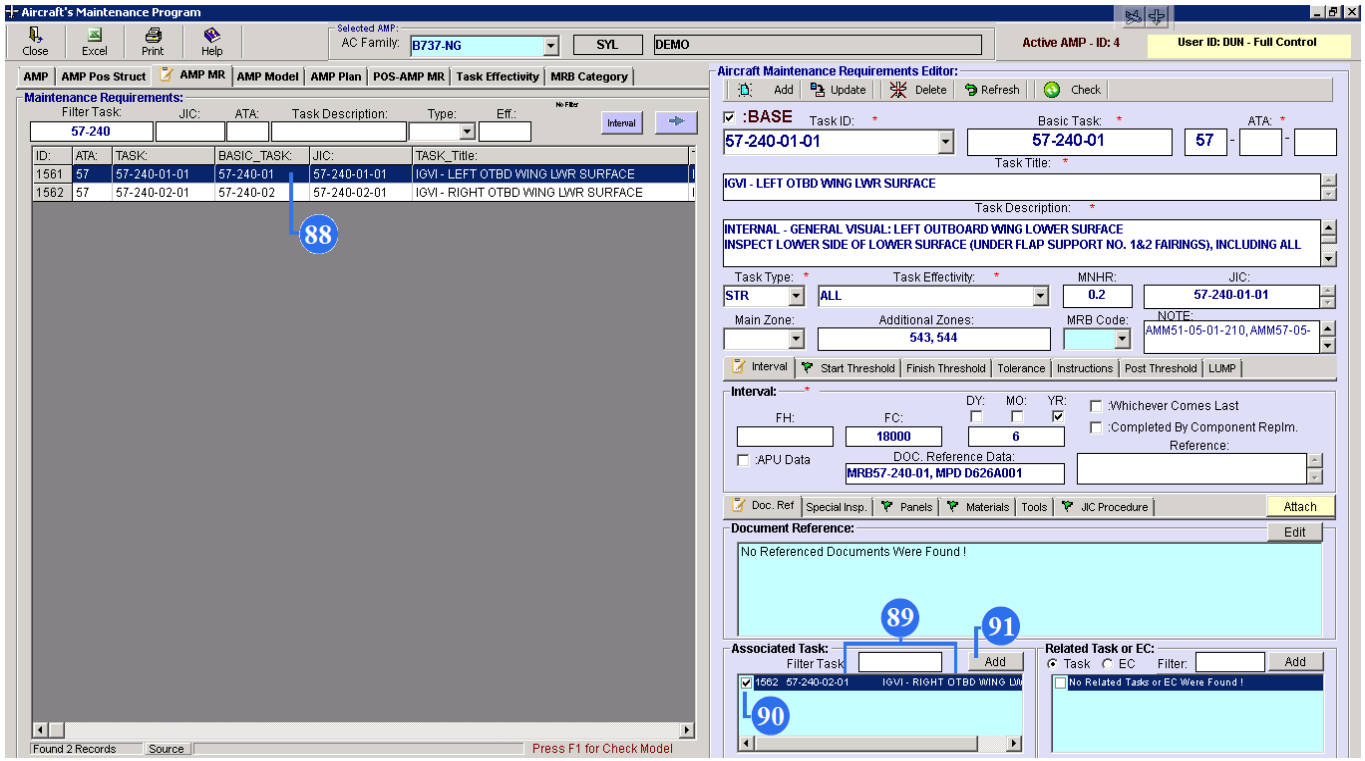
83. Use these filters to find certain task.

84. also, you can use these filters to find certain tasks.

85. Push “Interval” button to open Interval Filter editor.

86. Use interval filter to find certain tasks.

87. To transfer tasks to Excel, click on the Excel button.



If the completing task involves completing other tasks, do these steps.

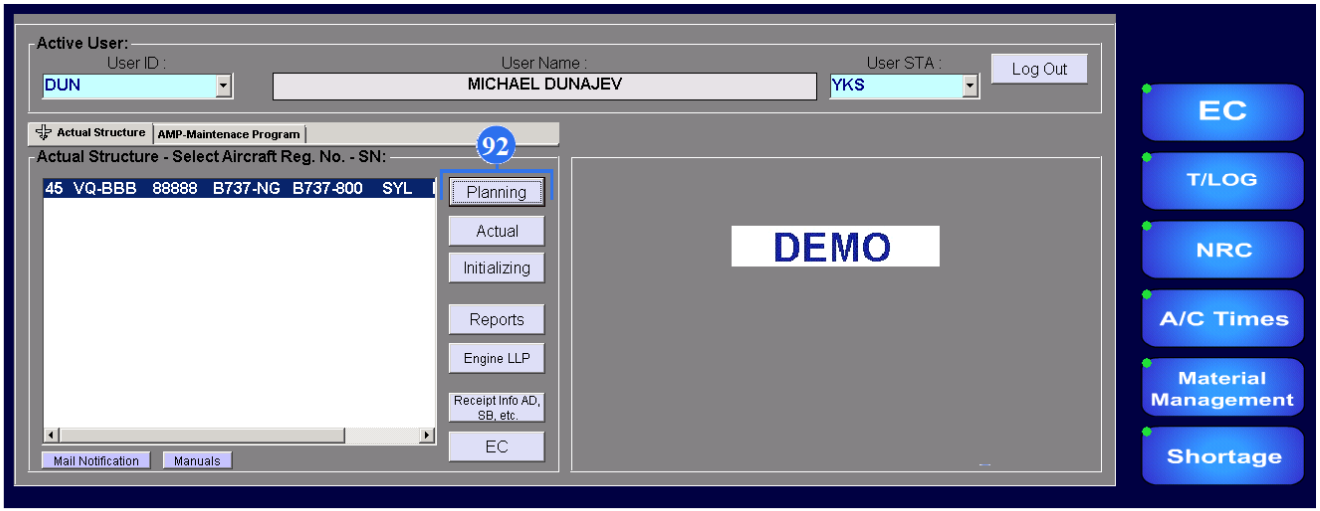
88. Select the task and highlight it.

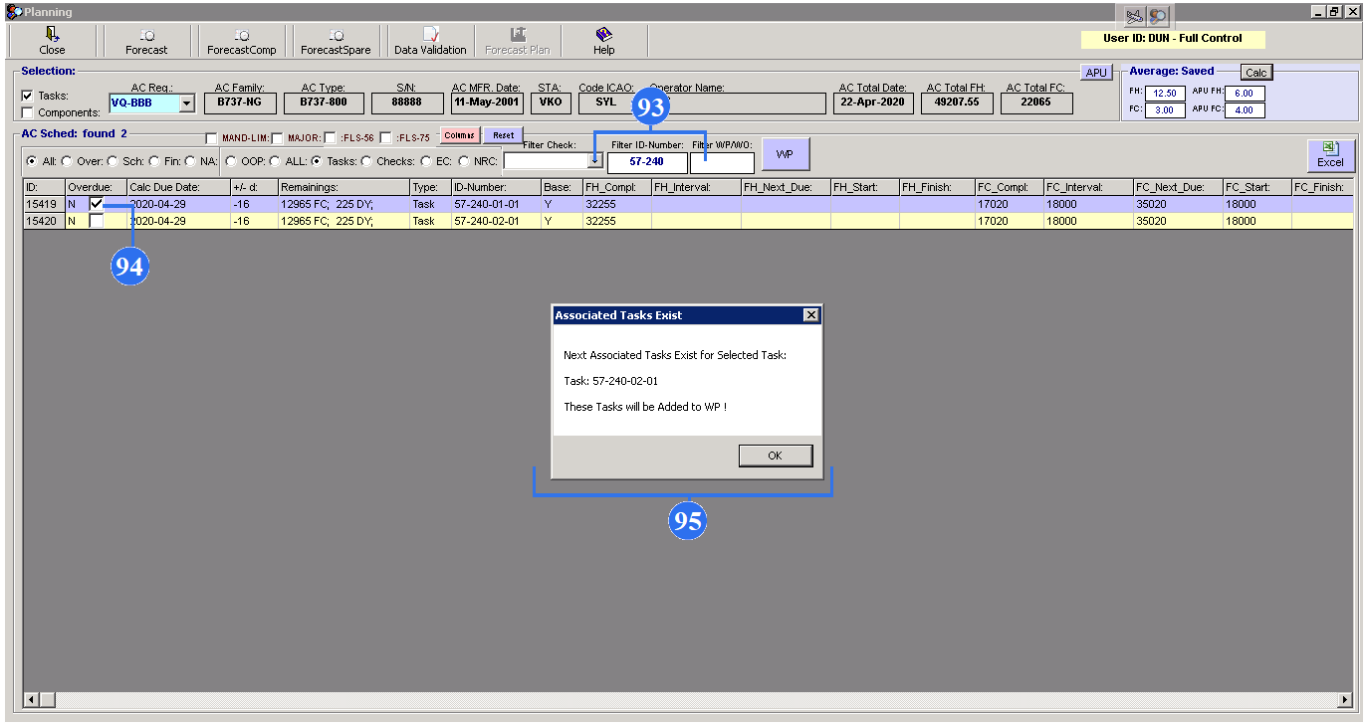
89. In the “Associated Task” editor use Filter field to enter task. Push Enter button on your keyboard.

90. Task appears in the window. Check box it.

91. Click Add button. Don’t forget to push Update button in the Editor.

Associated tasks will be added to WP automatically in the Planning submodule.



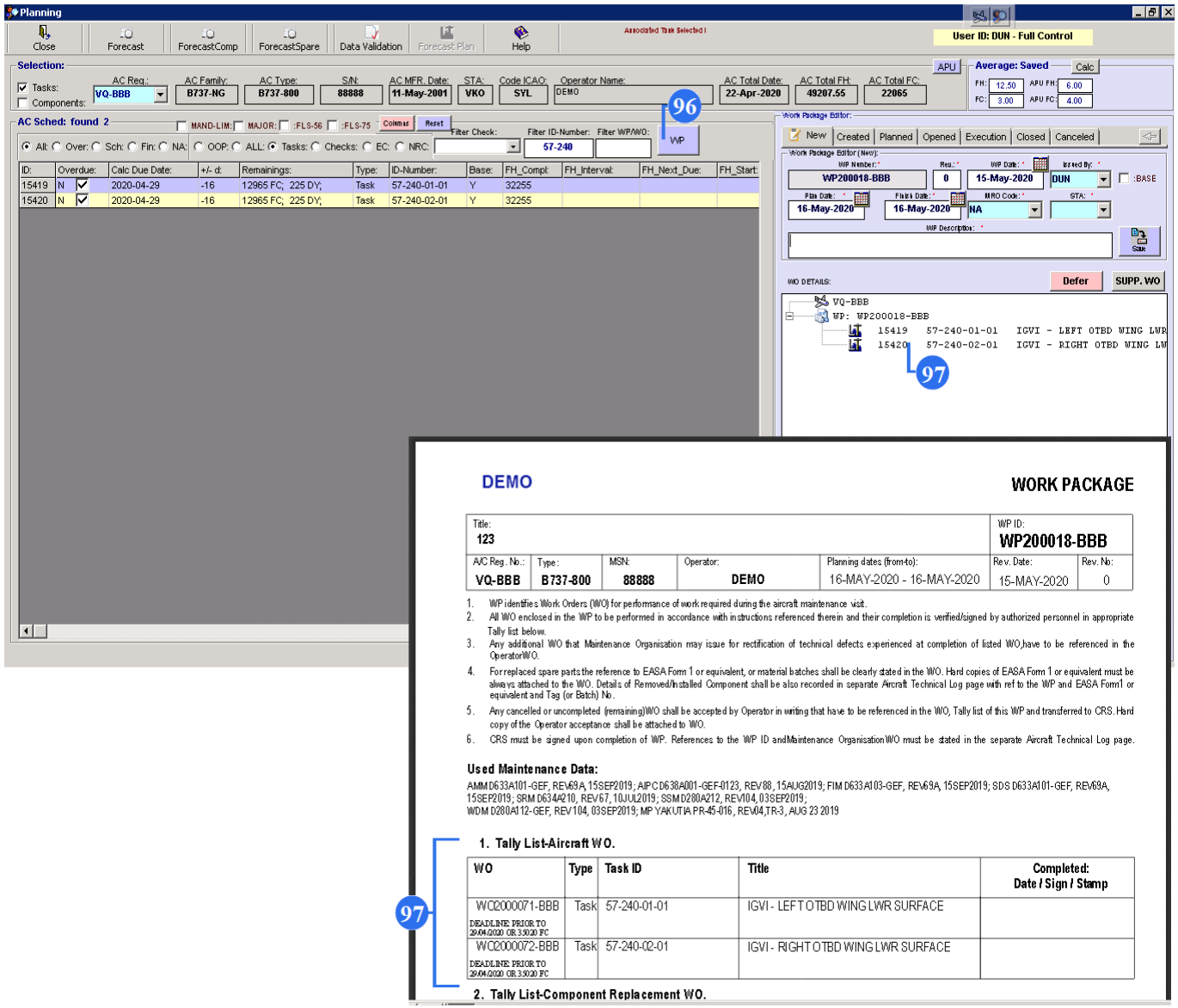


92. In the PART M module click on the Planning button.

93. Use Filter ID Number field to enter number of task.

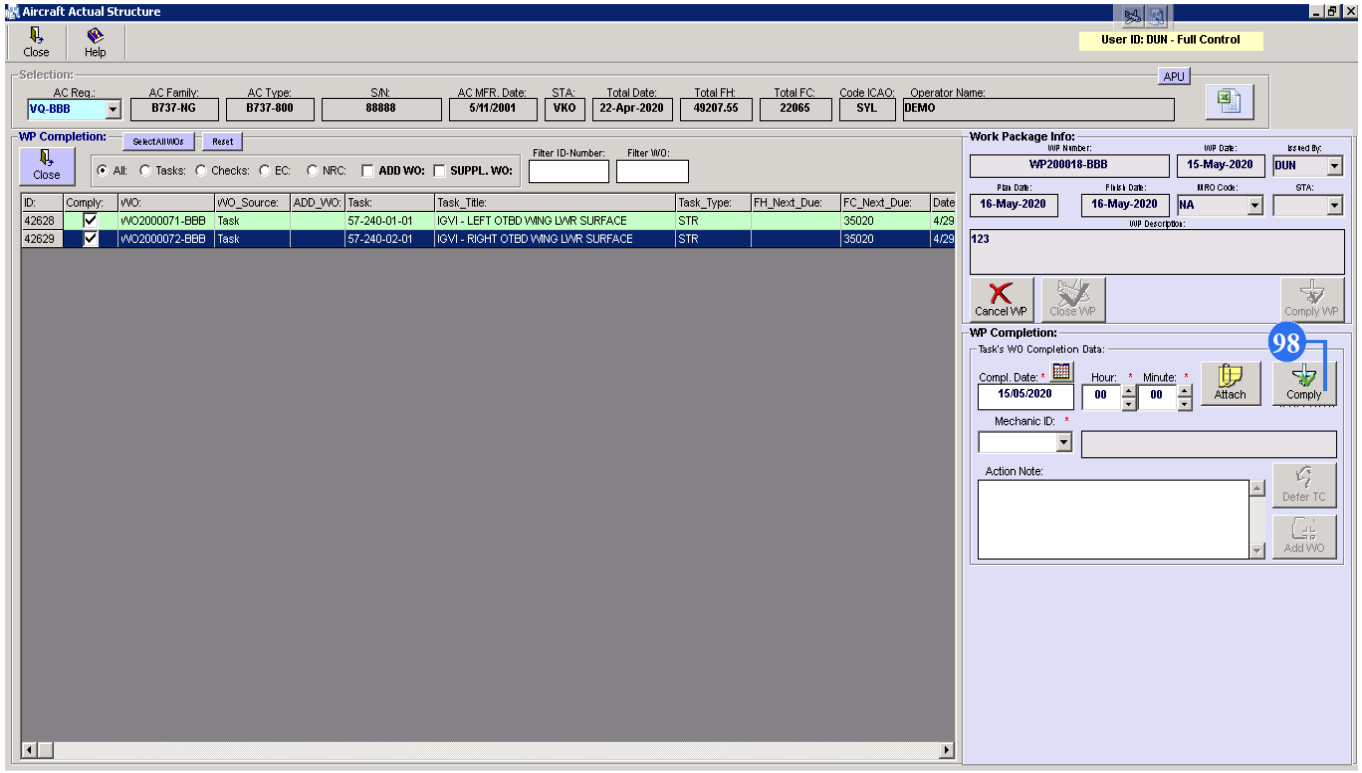
94. Check box the line with task.

95. You can see Associated Tasks Exist window. Window suggests to add associated task to WP. Click OK.

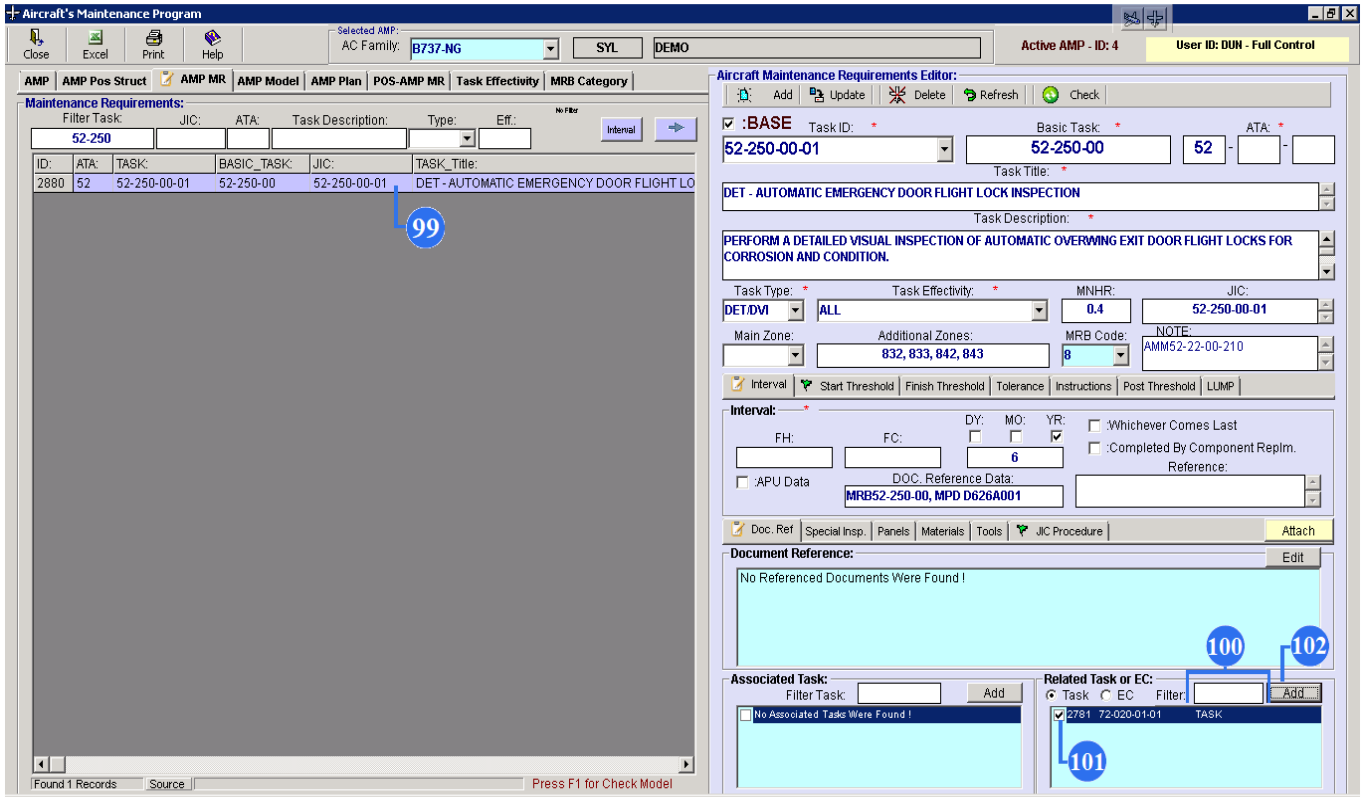


96. Push WP button.

97. You can see added associated task to WP, which will be added as a separate WO.



98. In Actual submodule you can complete WP. In Editor you can complete WO of the task and you can do complete WO of the associated task.



If the completing task contains other tasks, do these steps.

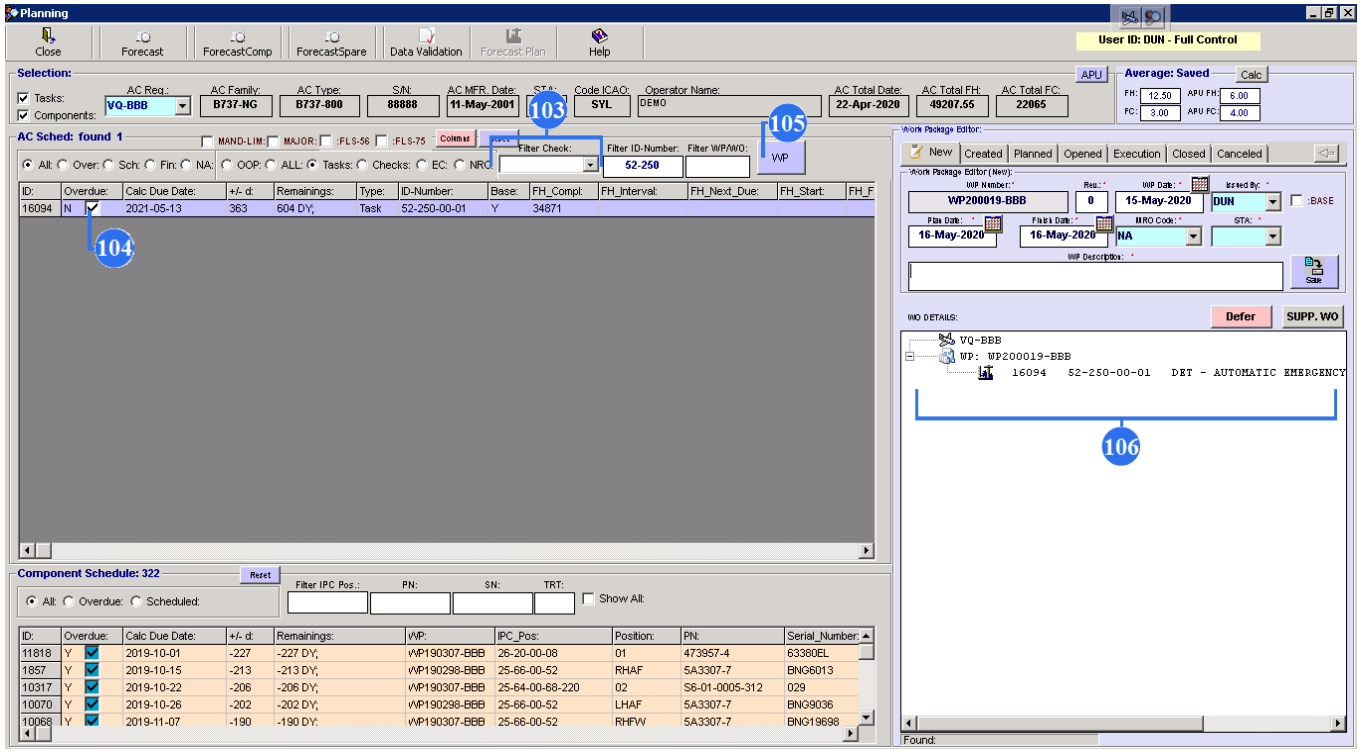
99. Select the task and highlight it.

100. In the “Related Task or EC” editor use Filter field to enter task. Push Enter button on your keyboard.

101. Task appears in the window. Check box it.

102. Click Add button. Don’t forget to push Update button in the Editor.

Related tasks will be completed in Actual submodule.

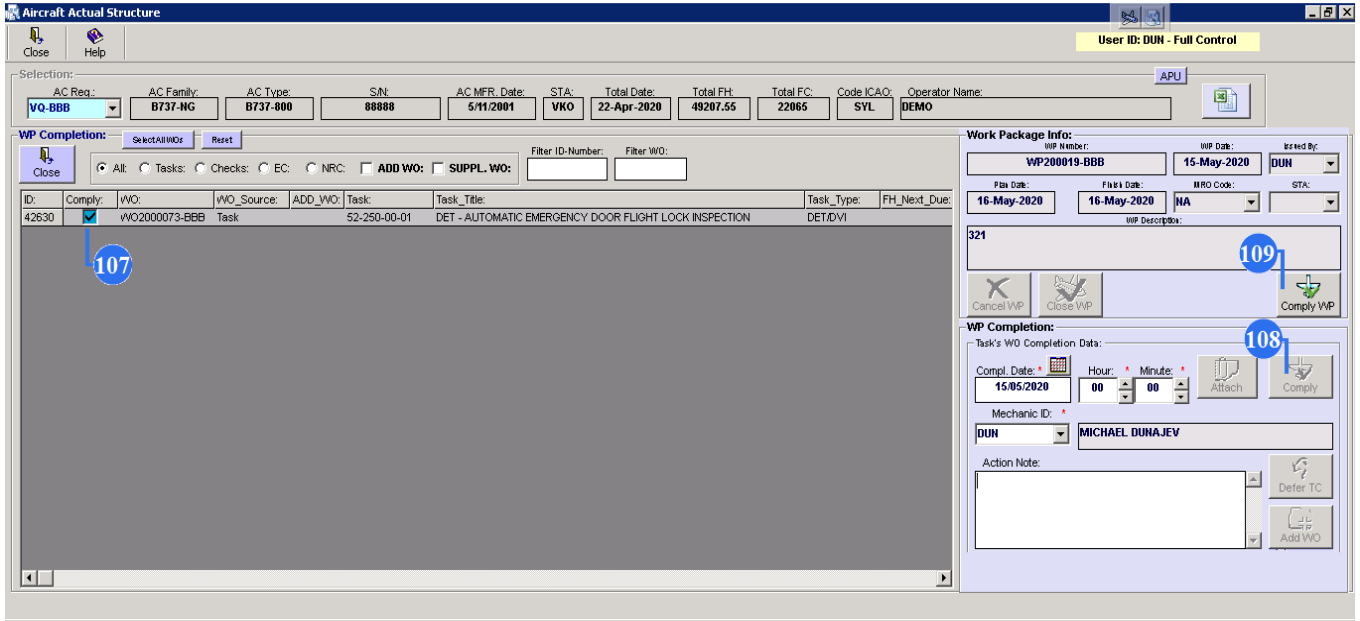


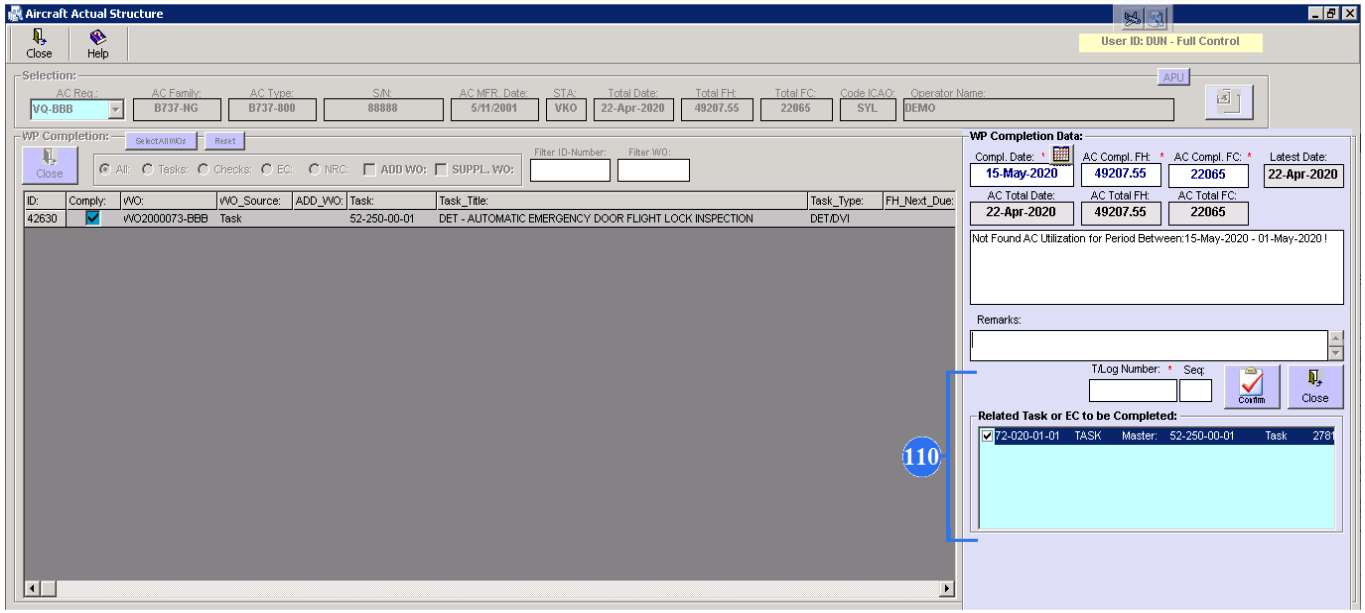
103. In Planning submodule use Filter field to enter task number.

104. Check box the line.

105. Push WP button.

106. Note, that related task will not be added to WP.





107. In Actual submodule you can complete WP. Check box the task. Editor will appear.

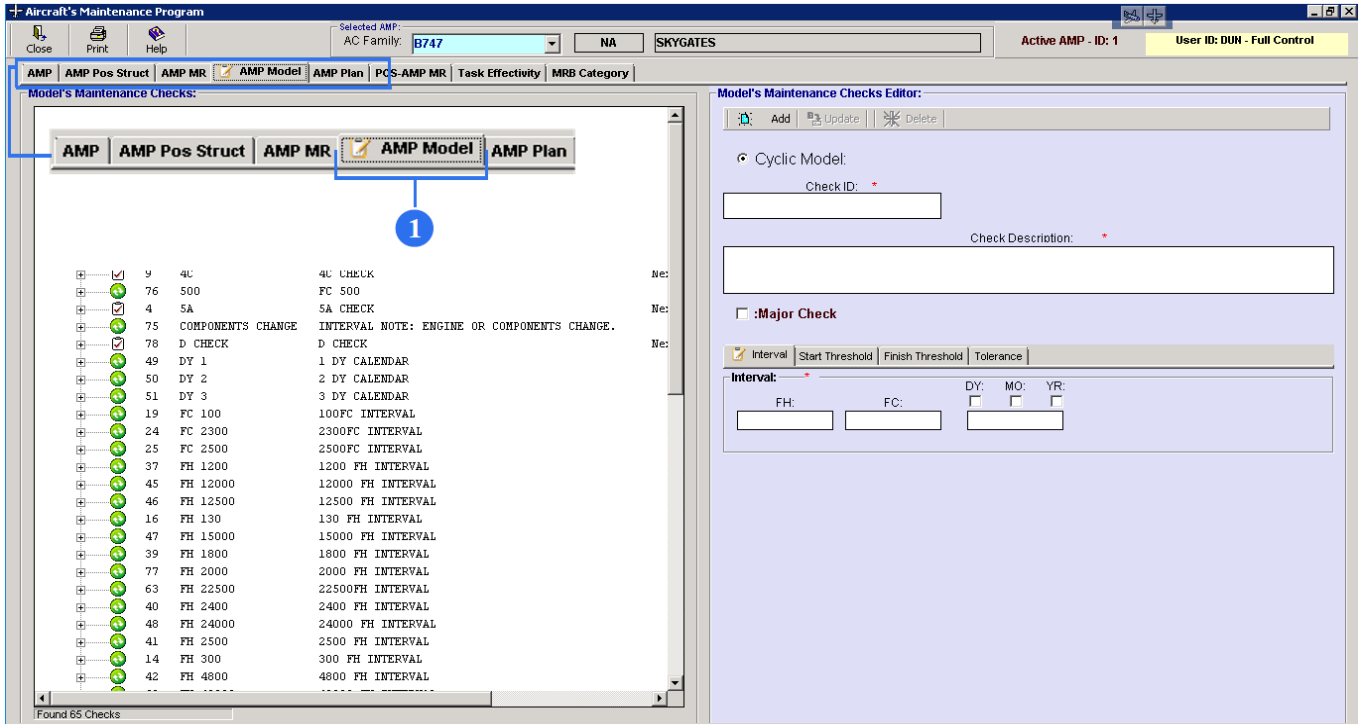
108. Click on the Comply button (you complete the WO).

109. Click on the Comply WP (you complete the WP).

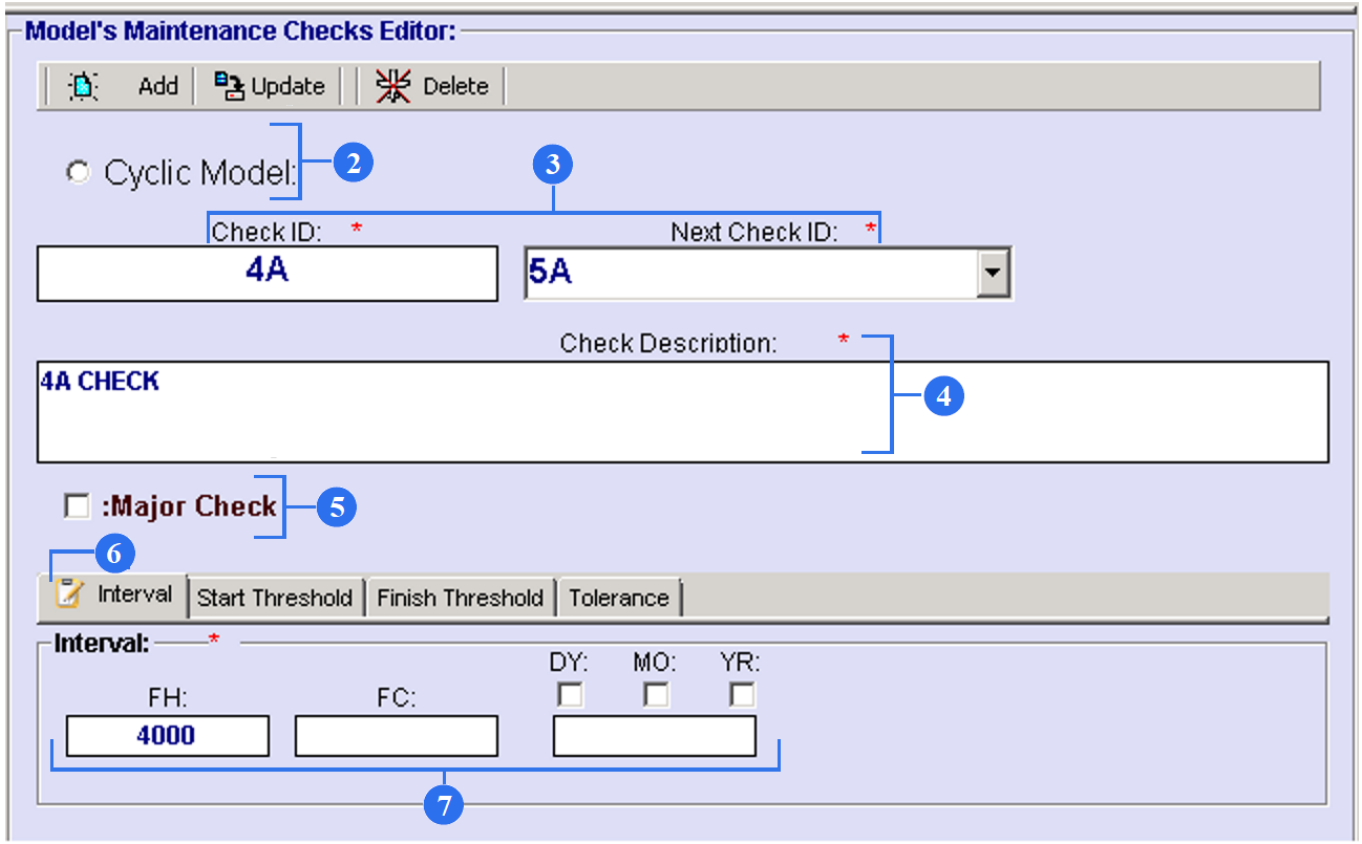
110. “Related Task or EC to be Completed” field suggests you complete related task. Enter Tlog number and click Confirm.

6. AMP Maintenance Model.

This Maintenance Model is used for the distinction of all existing tasks and their future group completion.



1. To open AMP maintenance model screen, click on the AMP Model.



2. The model will be filled by different checks, registered in the Model's Maintenance Checks Editor. If it is cycle model tick the field.

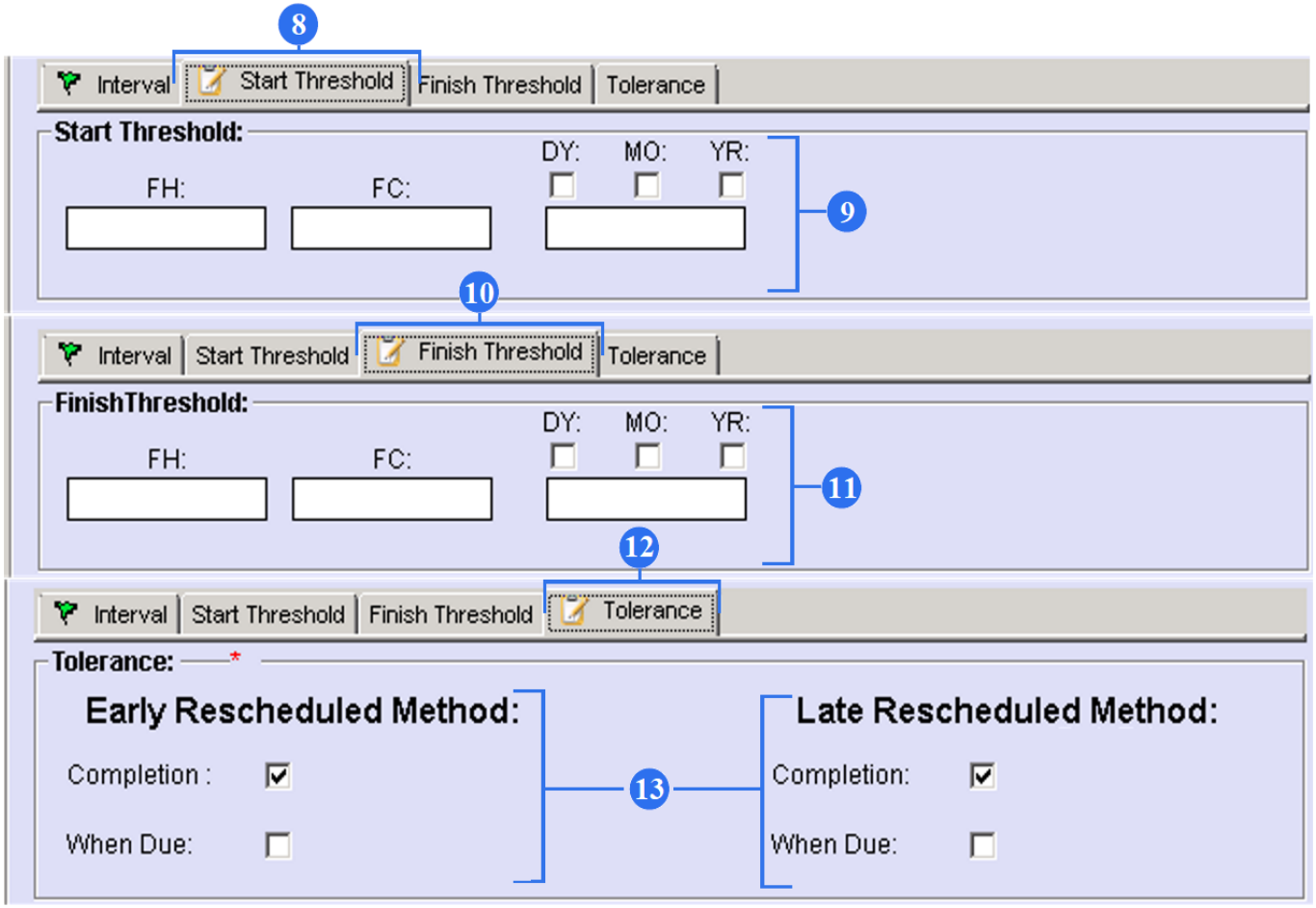
3. Type the Check ID. If it is not a cycle model, type the Next Check ID.

4. Provide a check description.

5. If it is a major check tick the field.

6. Click on the Interval.

7. To set up a certain interval for a repetitive check, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years) in the Interval tab.



8. Click on the Start Threshold.

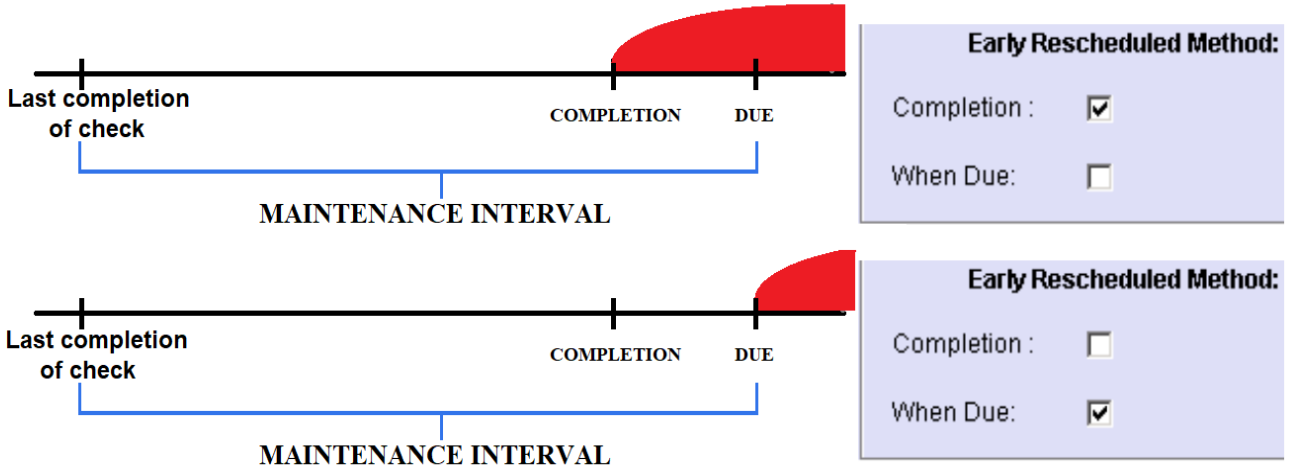
9. To set up a Start Threshold, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years) in the Start Threshold tab. Only when the set parameters are reached, the check starts to be carried out.

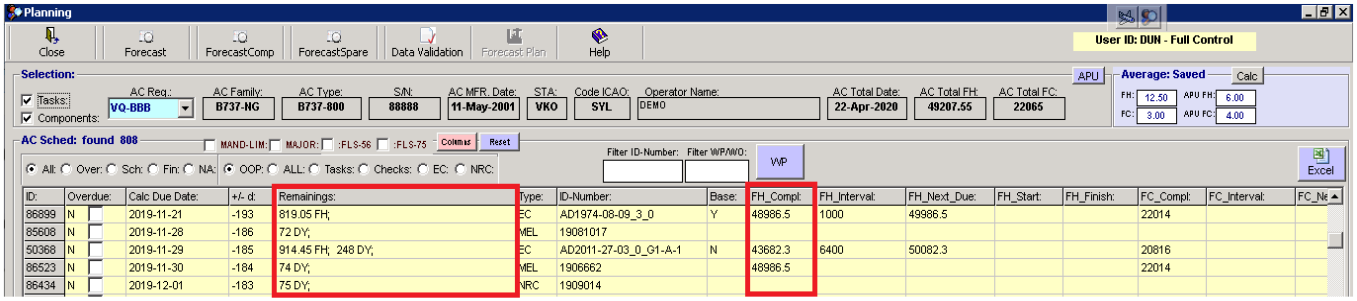
10. Click on the Finish Threshold.

11. To set up a Finish Threshold, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years) in the Finish Threshold tab. Only when the set parameters are reached, the check automatically is ceased.

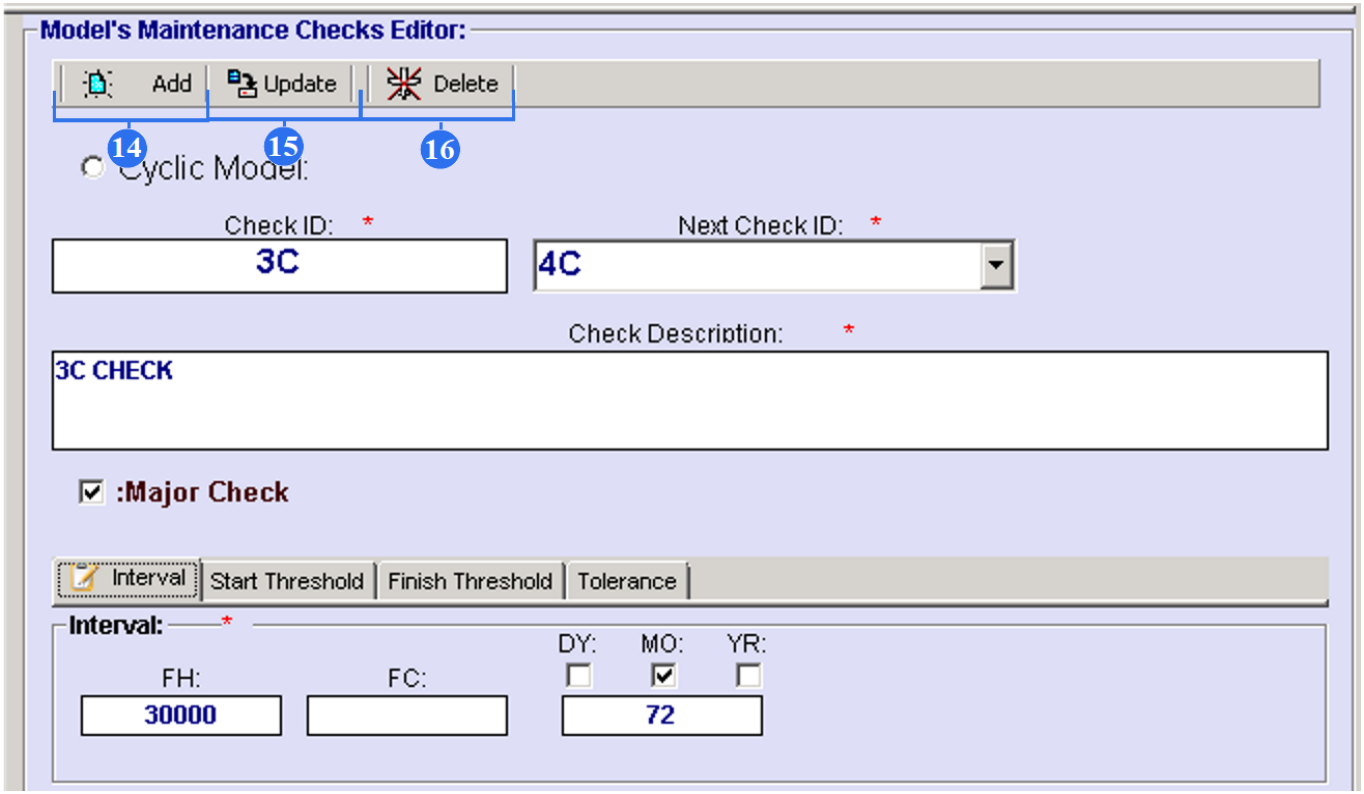
12. Click on the Tolerance.

13. Set up possible tolerance for repetitive checks.





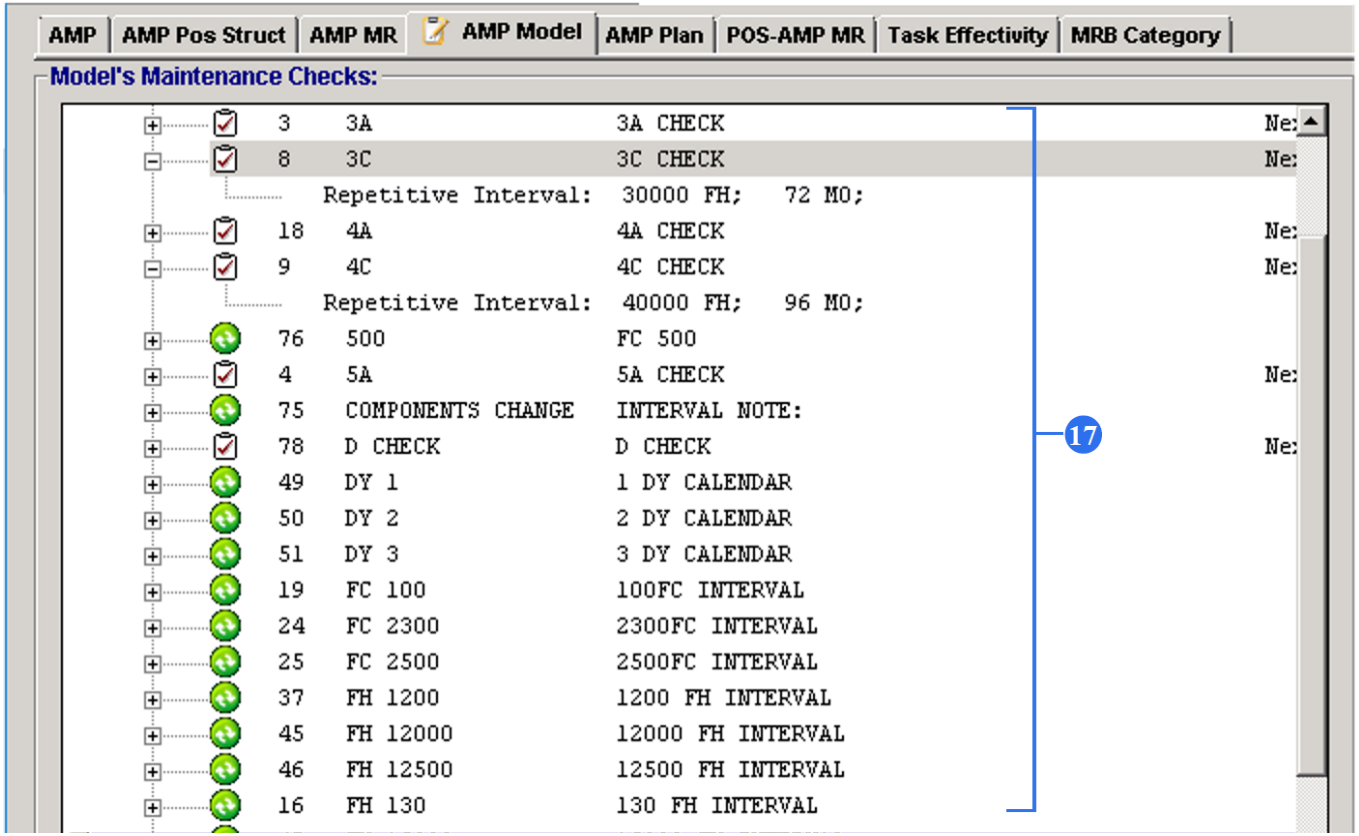
The line segment from “LAST COMPLETION OF TASK” to “DUE” is maintenance interval, which is set in “Interval” tab. Maintenance interval shows how often the check is executed. If you decide to complete the check early than maintenance interval, you can show where to read a set maintenance interval. In “Early Rescheduled Method” column tick the “Completion” field. Therefore, the maintenance interval begins to read from “completion”. In “Planning” submodule the program will automatically add the value from the “Remaining” column and the value from the “FH_Compl” column. In “Early Rescheduled Method” column tick the “When Due” field. Then the check will need to be completed after the “maintenance interval” (from DUE). With the Late Rescheduled Method, the same thing is done.



14. To save a new check, click on the Add button.

15. To save changes in an existing check, click on the Update button.

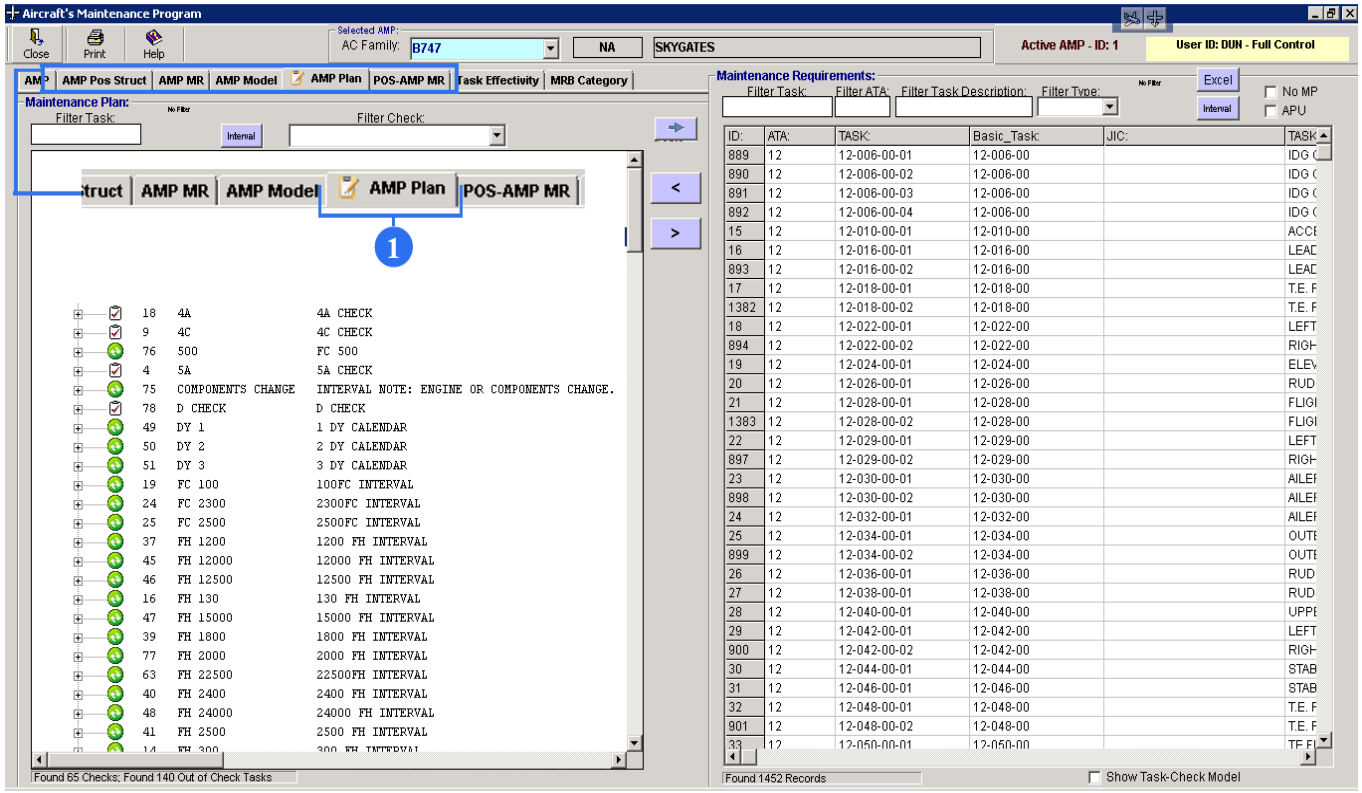
16. To delete a check, click on the Delete button.



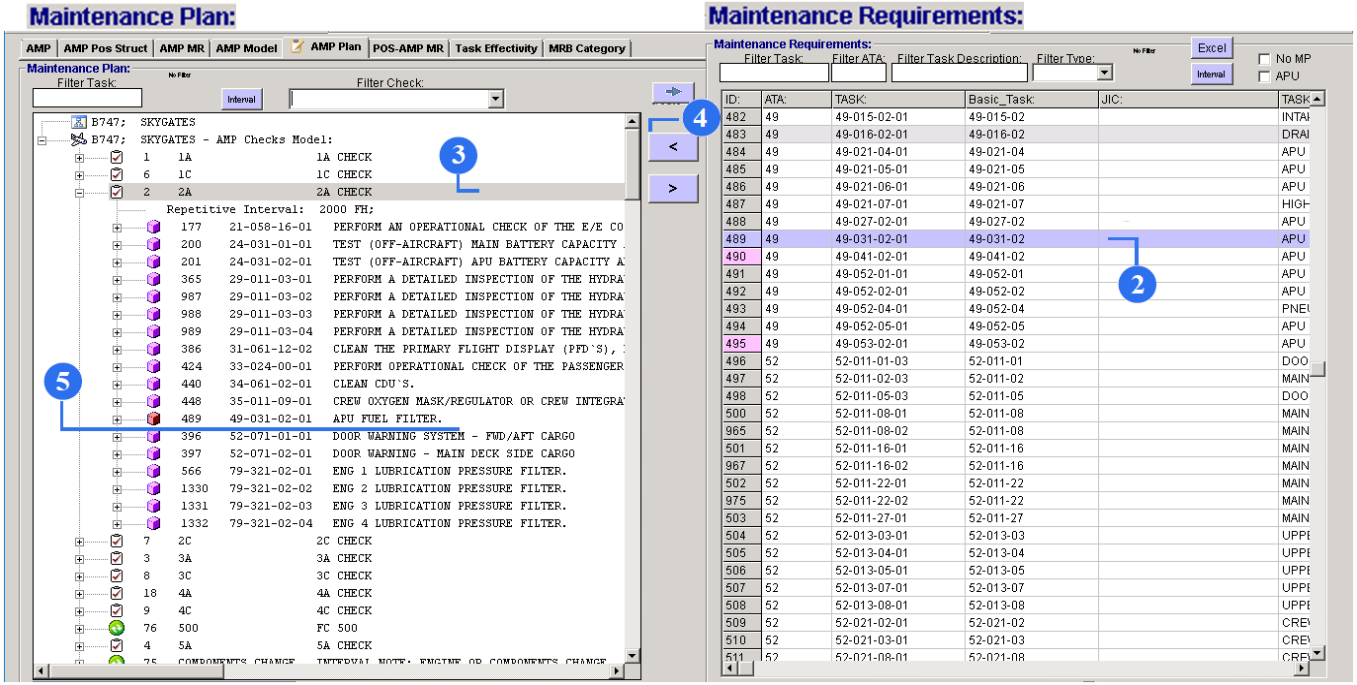
17. All checks will be generated in a list and can be viewed in detail by clicking on it.

7. AMP Plan

In conformity with the selected Logical Model, a Maintenance Plan will be displayed, where all existing tasks can be distributed according to the Maintenance Model. Here you can add/delete any tasks to the Maintenance Model, if necessary.



1. To open AMP plan screen, click on the AMP Plan.

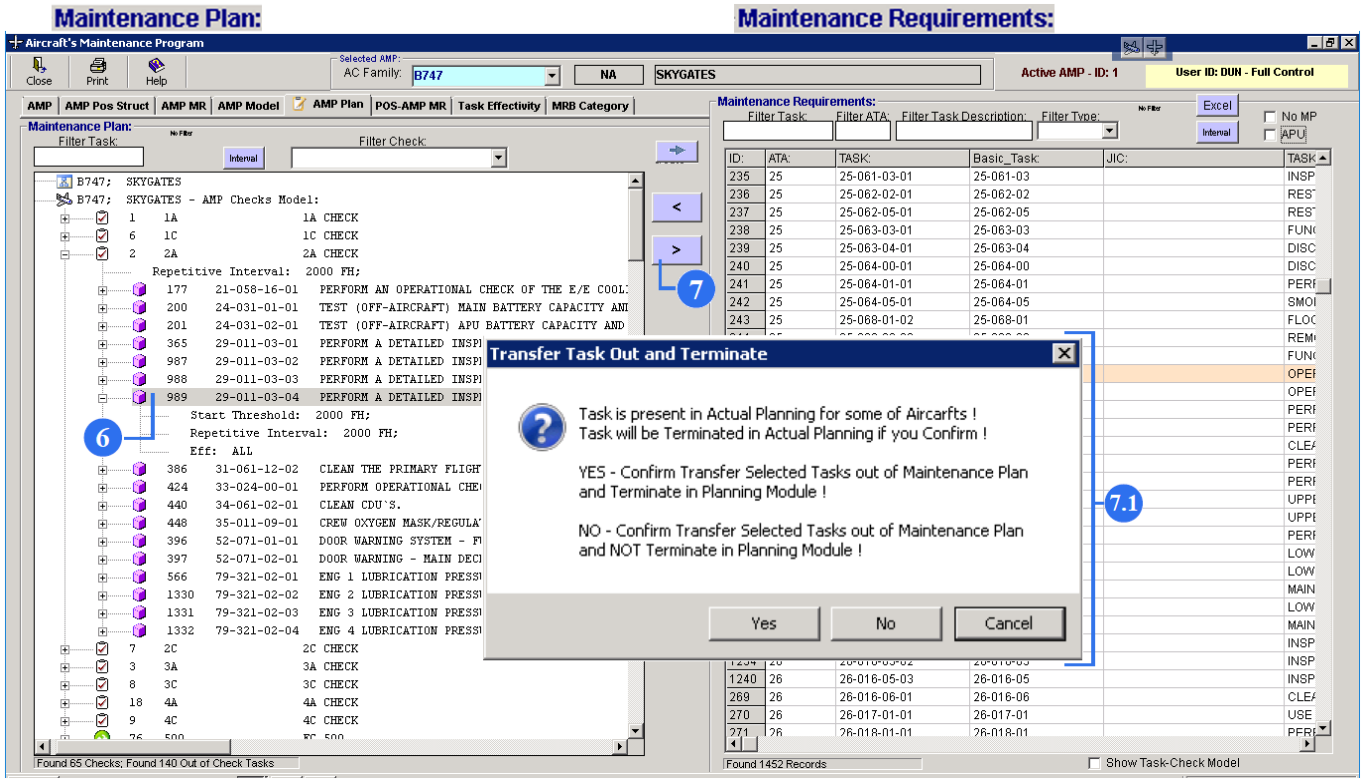


2. To transfer tasks to an appropriate check, highlight them on the Maintenance Requirements screen.

3. Highlight appropriate type of check on the Maintenance Plan screen.

4. Click on the button with a tick to the left to transfer tasks.

5. All selected tasks will be displayed in the list of checks.

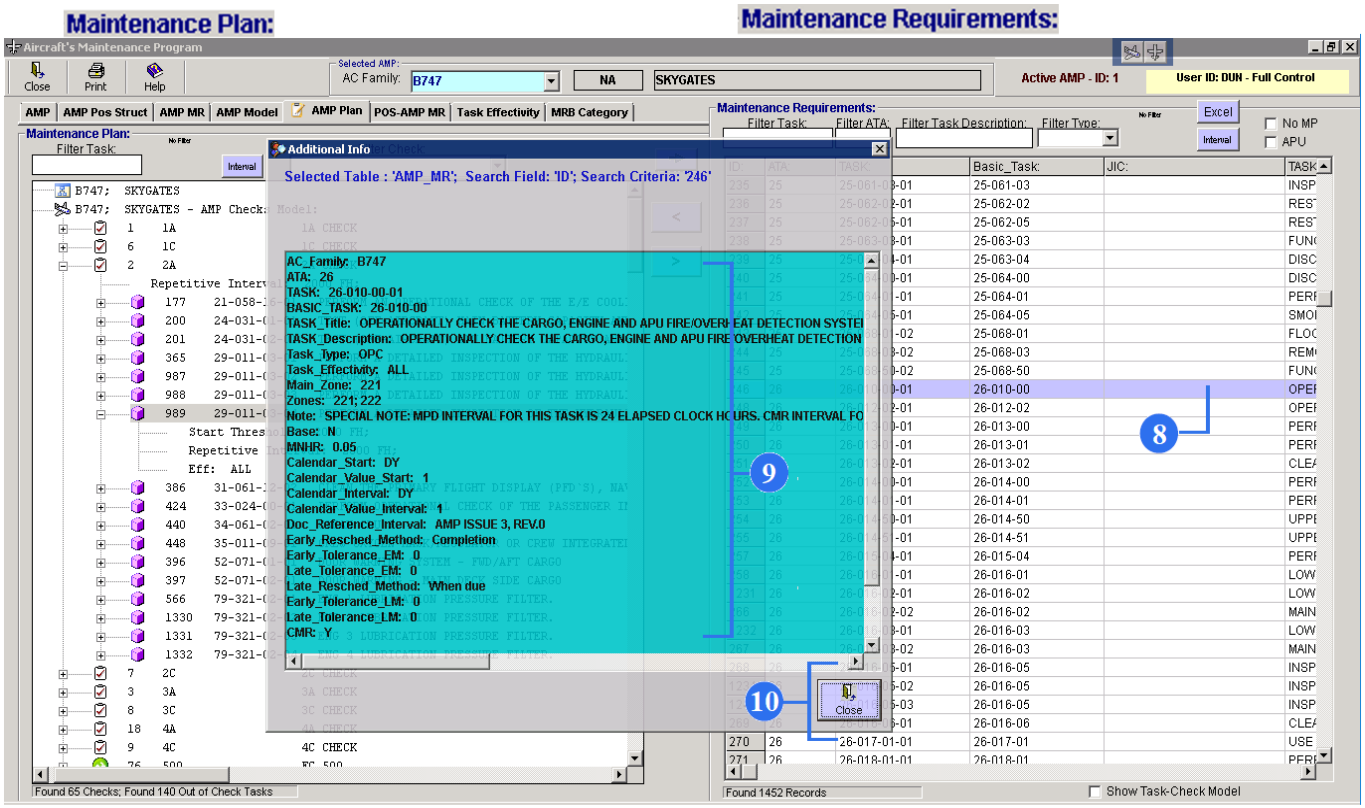


6. To transfer task back highlight task on the Maintenance Plan screen.

7. Push on the button with a tick to the right and window will appear.

7.1. It warns, that the tasks will be removed from Planning module. If you click on the YES, selected tasks transfer out of MP and terminate in Planning Module, if you push on the NO, selected tasks transfer out of MP and don't terminate in Planning Module.

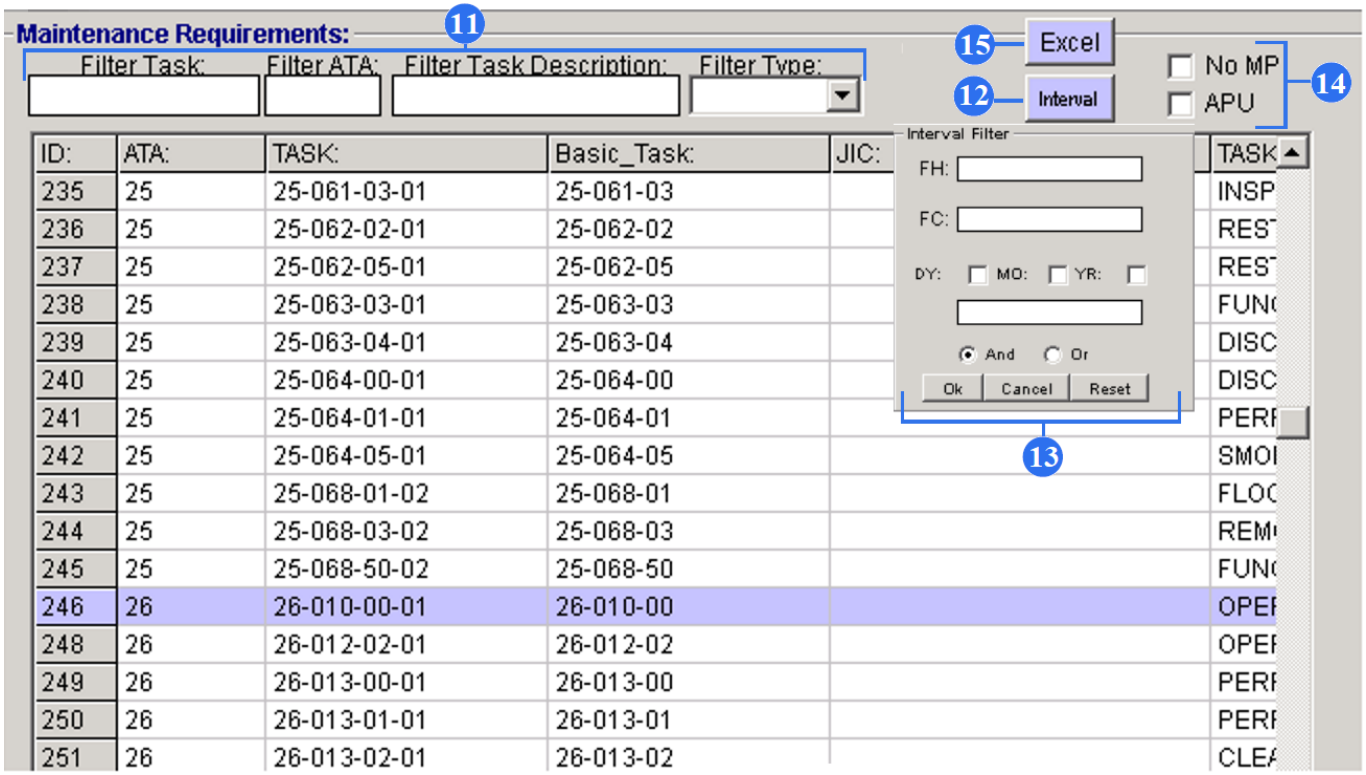
"Cancel" button is necessary to open window.



8. On the Maintenance Requirements screen you can select any task and right click.

9. You can see view detailed information.

10. Click on the “Close” button to close this screen.



11.Use filters for quick tasks search:

• Task filter

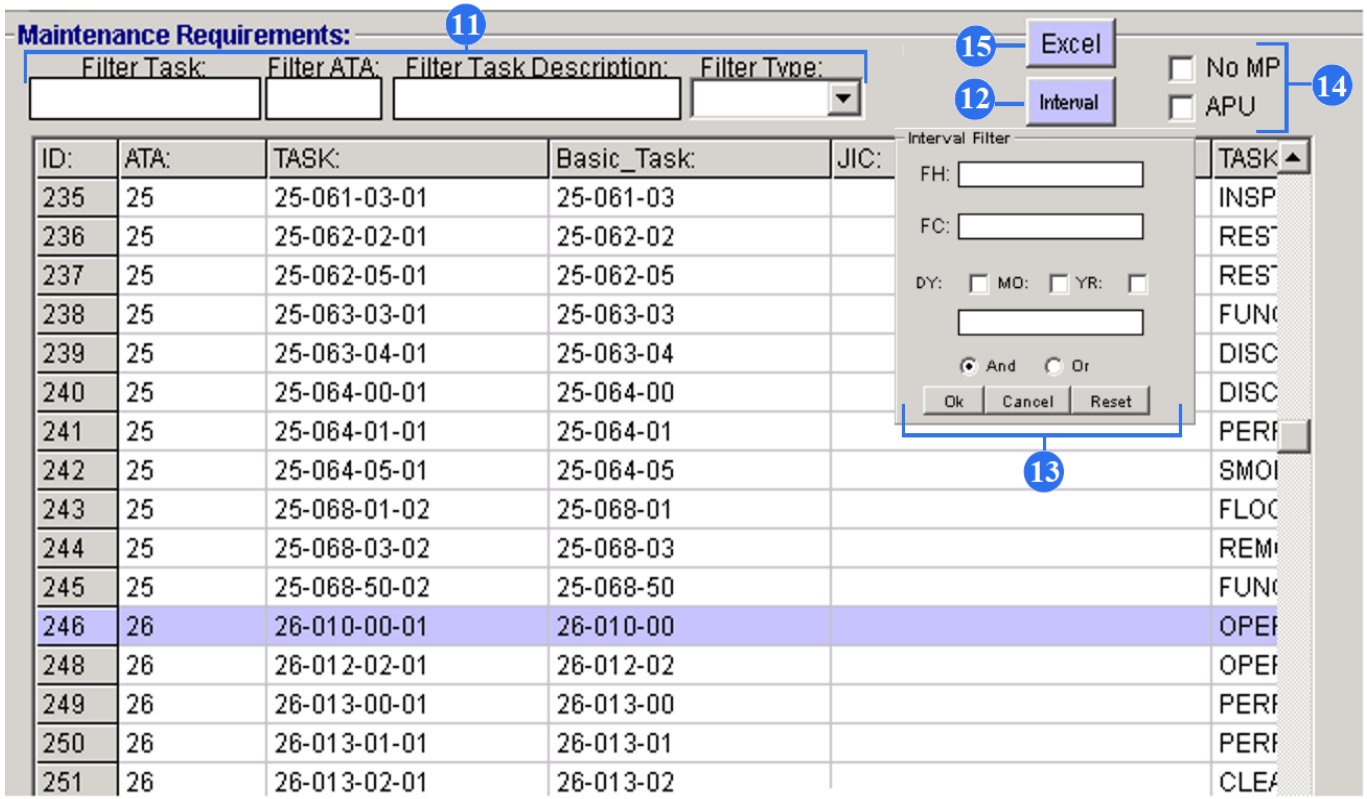
• ATA filter

•Task Description filter

• Filter Type.

12. Push “Interval” button to open Interval Filter editor.

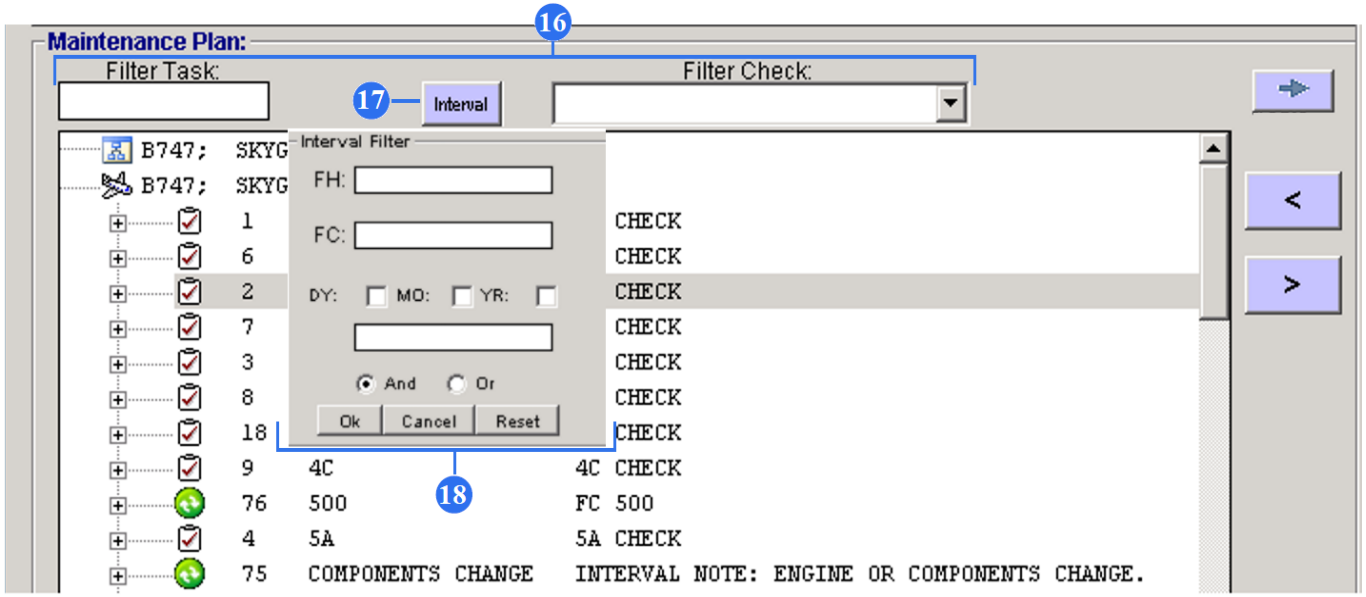
13. Use interval filter to find certain tasks.



14. If you want to view all tasks, unincluded to any checks yet, select the ‘No MP’ check box and you will get a list of unincluded tasks.

To see APU tasks tick “APU” field.

15. To transfer data to excel use “Excel” button.



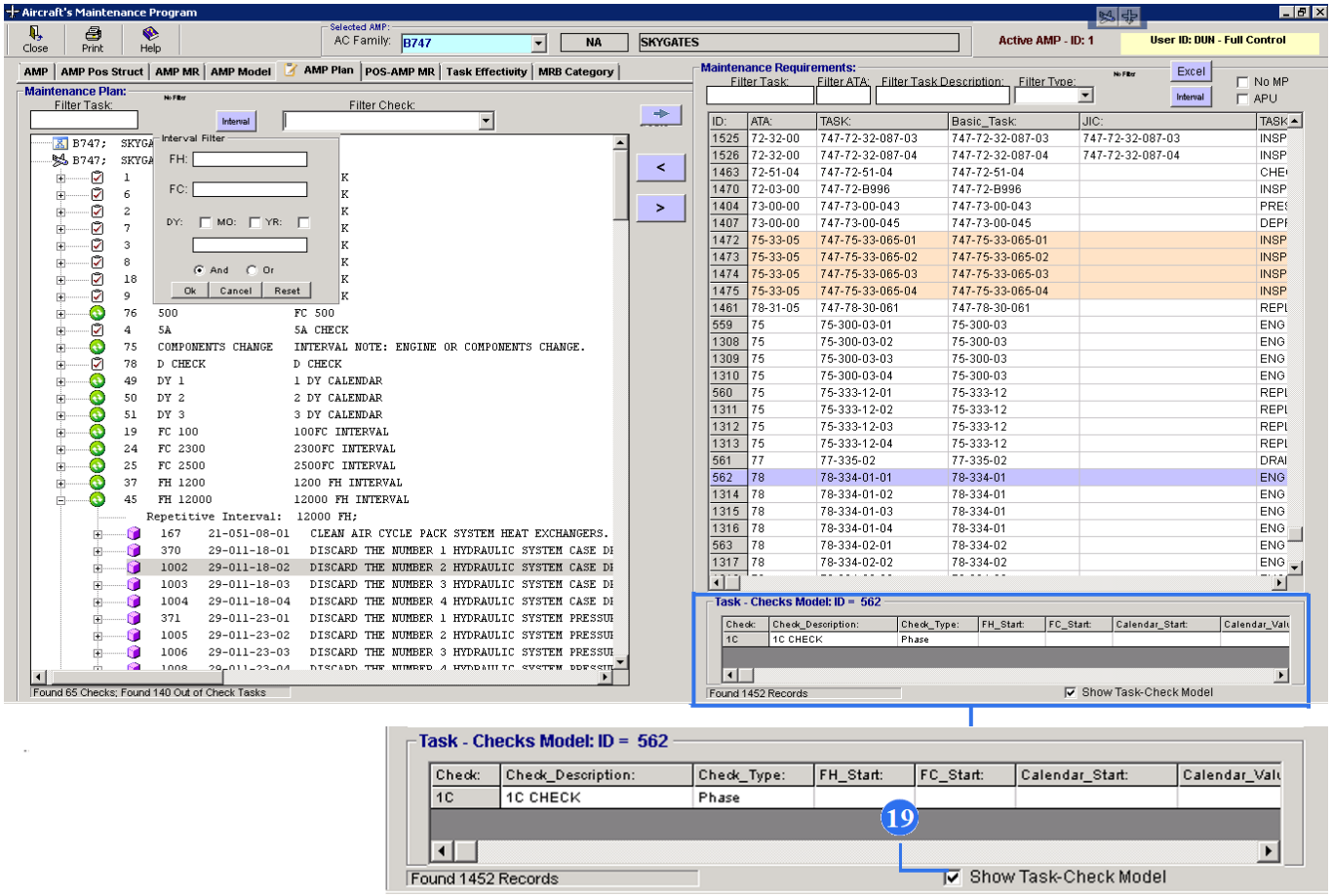
16. Use also Maintenance Plan filters:

• Task filter

• Check filter.

17. Push “Interval” button to open Interval Filter editor.

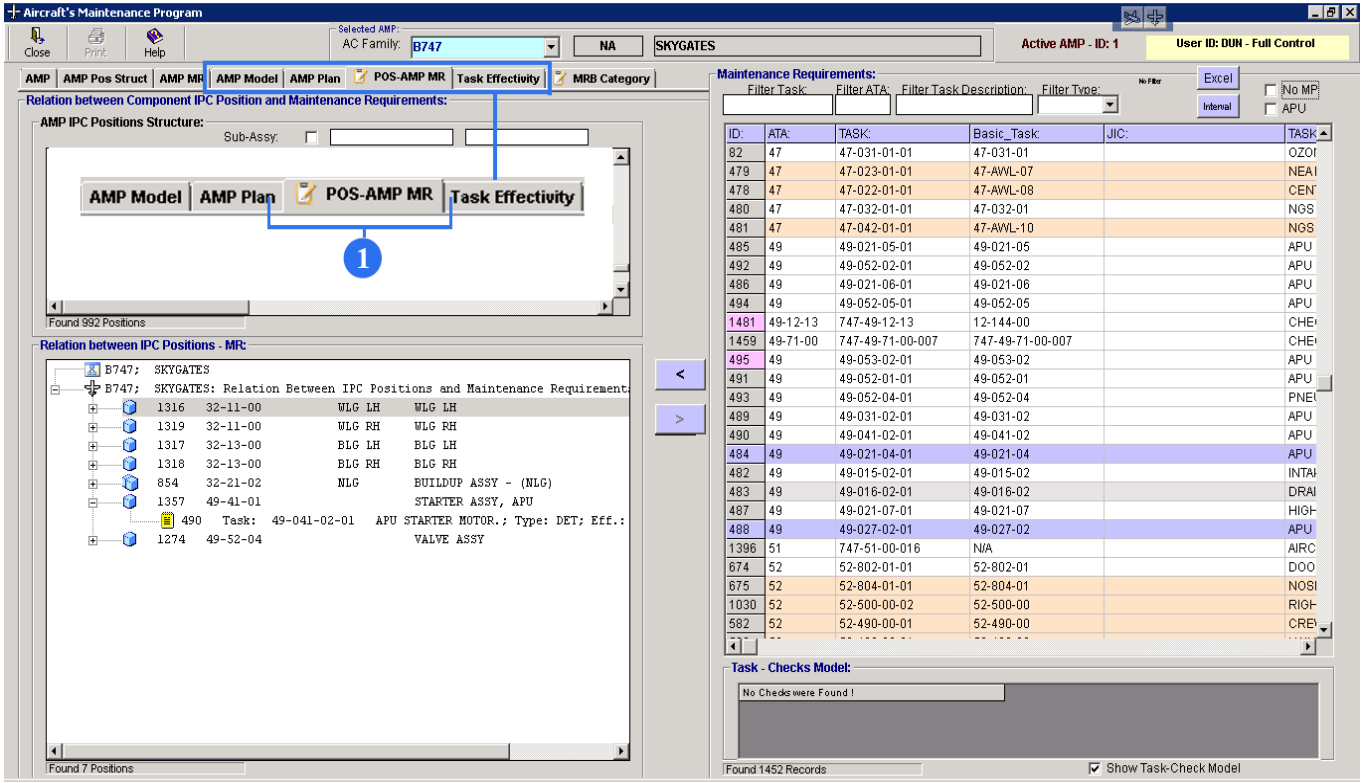
18. Use interval filter to find certain check.



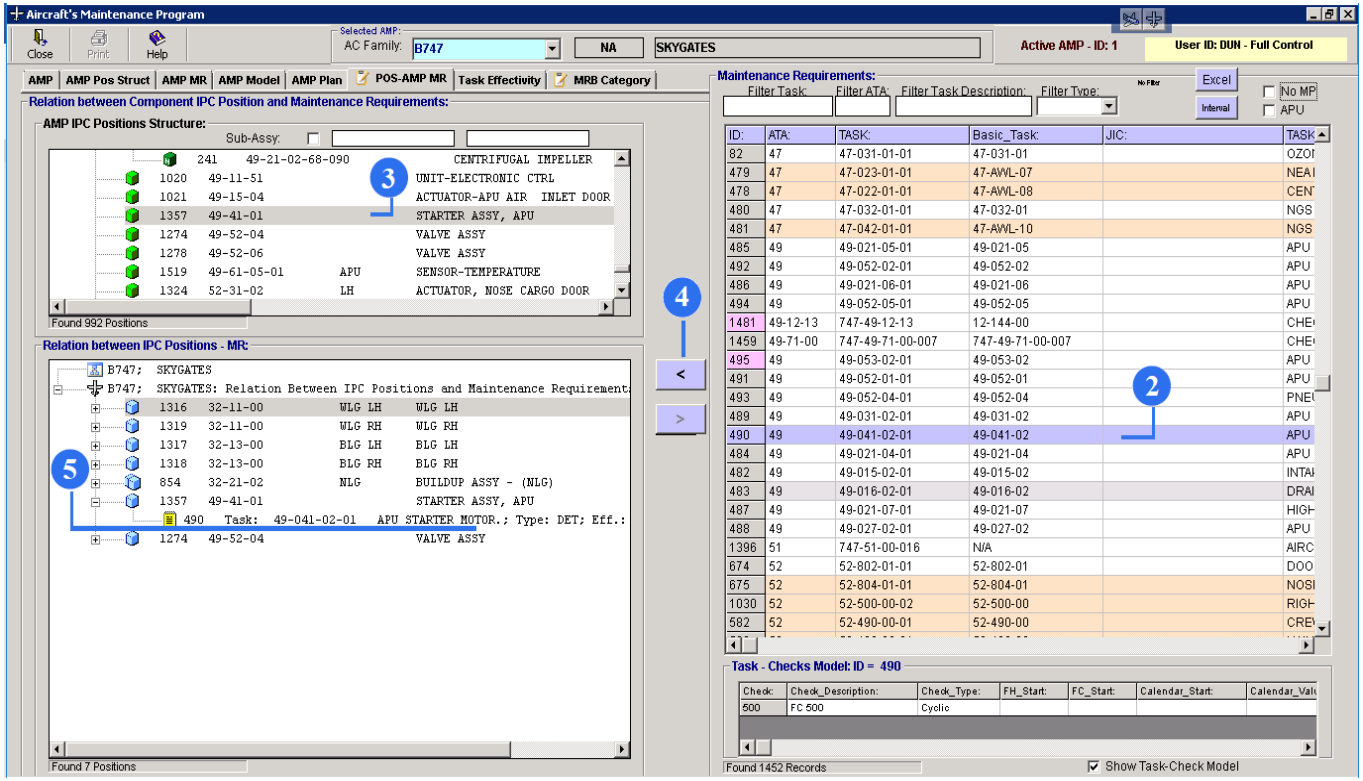
19. If you want to view all checks where a particular task is included, select the ‘Show Task-Check Model’ check box, and choose the task in the list. The result will be displayed at the bottom.

8. POS – AMP MR

POS – AMP MR chapter provides relation between component IPC position and AMP MR.



1. To open POS – AMP MR screen, click on the POS – AMP MR.

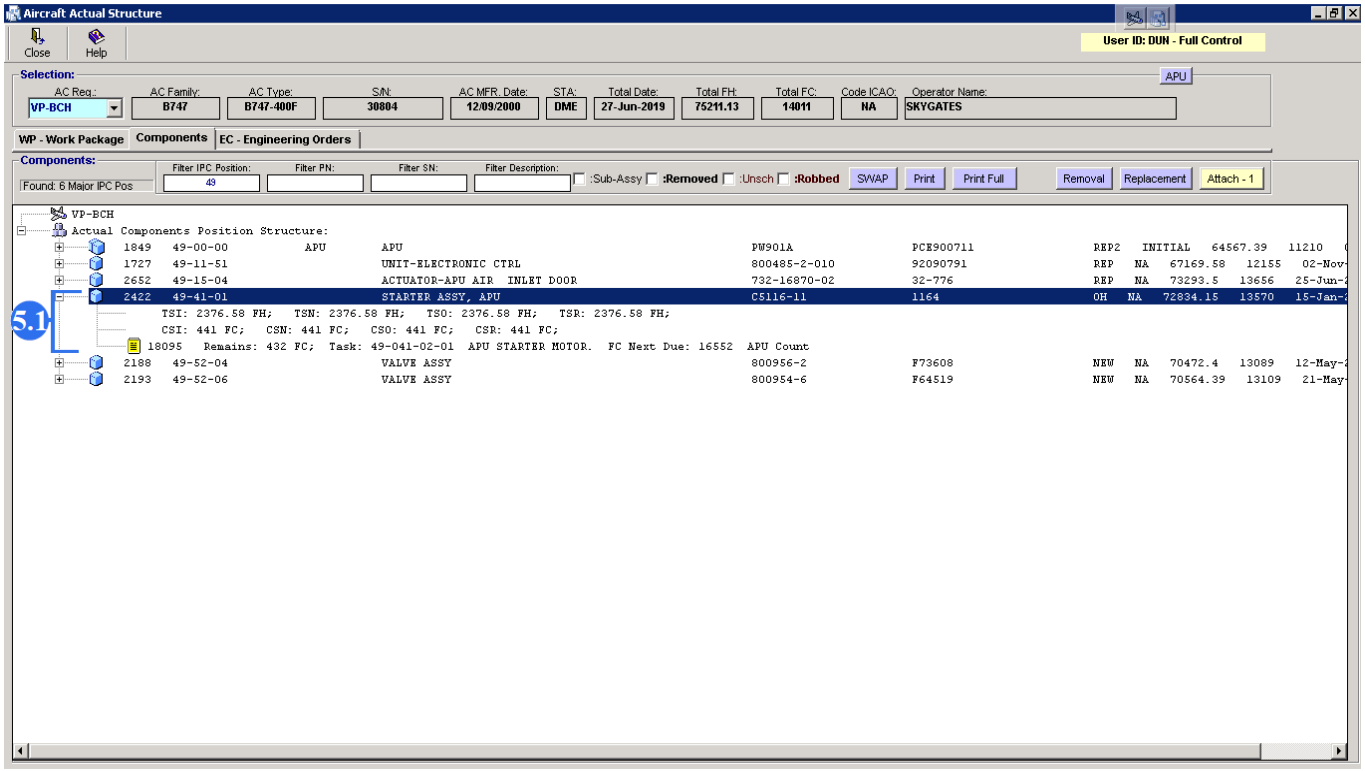


2. To relate tasks to an appropriate component IPC position, highlight them on the Maintenance Requirements screen.

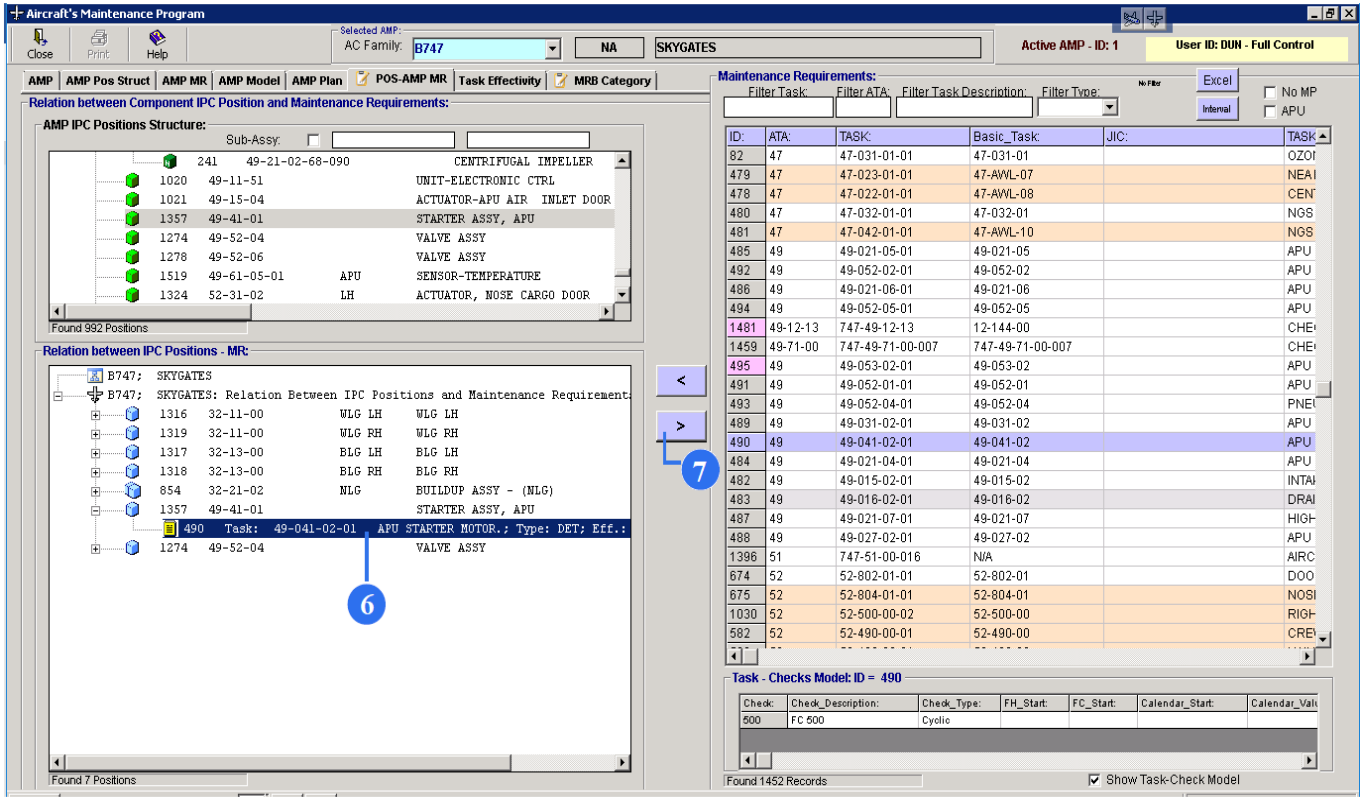
3. Highlight appropriate component IPC position on the AMP IPC Position Structure screen.

4. Click on the button with a tick to the left to relate task.

5. All selected tasks will be displayed in the list of “Relation between IPC Position – MR”.

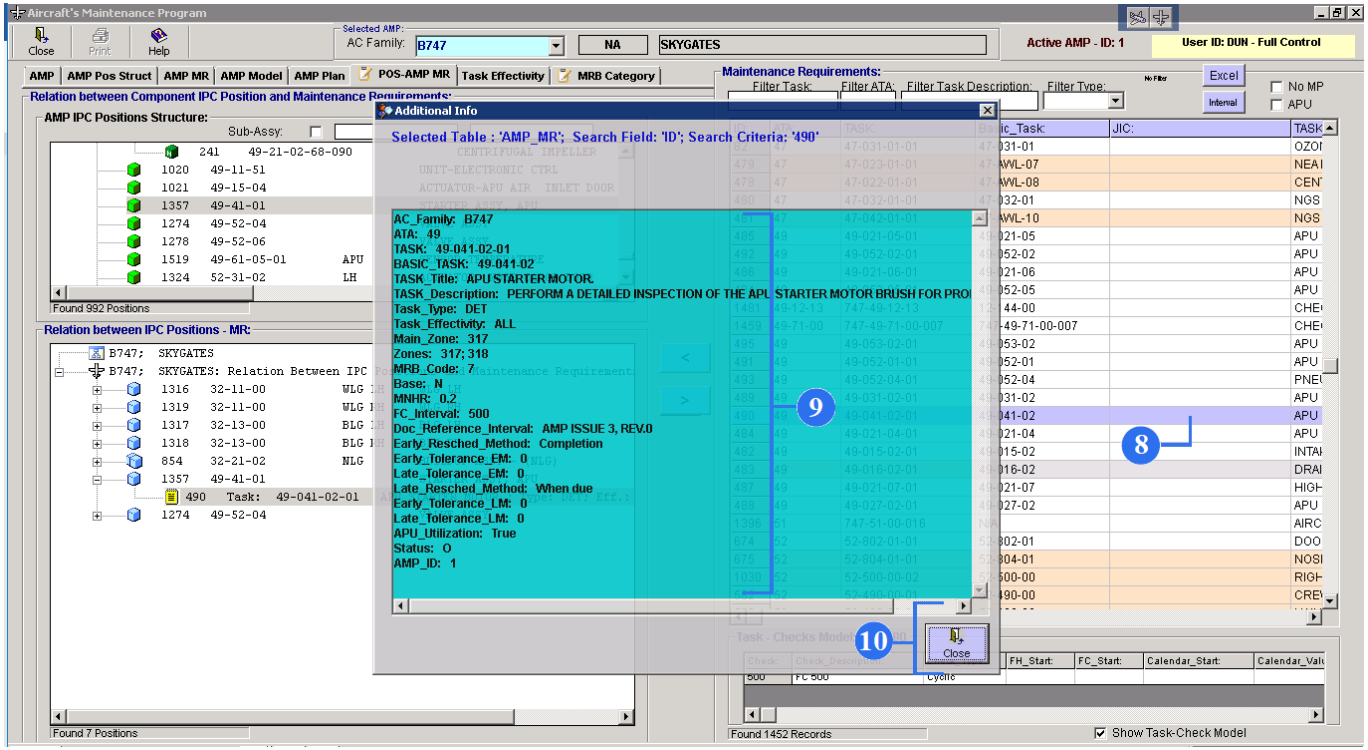


5.1. Also, you can see this information in the “Aircraft Actual Structure” sub – module.



6. To transfer task back highlight task on the “Relation between IPC Position – MR” screen.

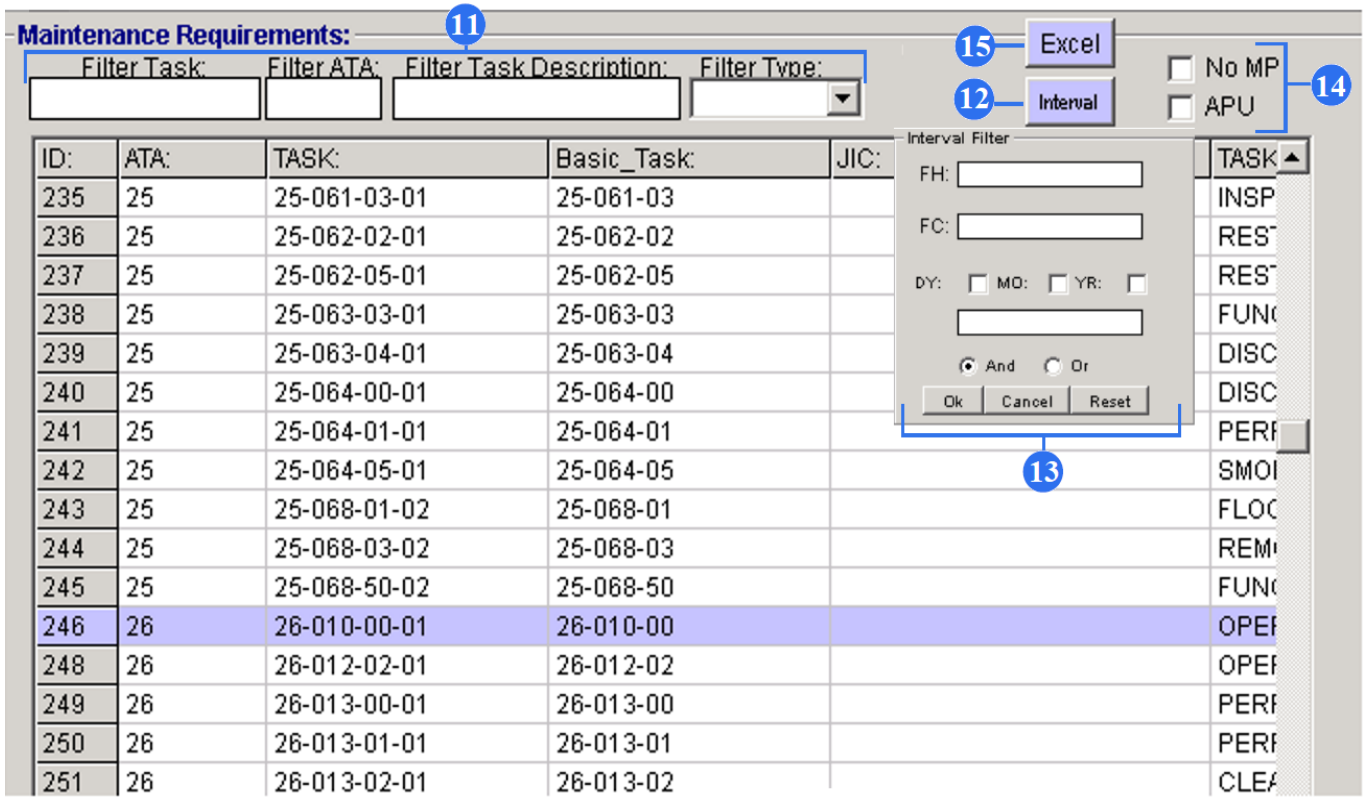
7. Push on the button with a tick to the right to transfer task.



8. On the Maintenance Requirements screen you can select any task and right click.

9. You can see view detailed information.

10. Click on the “Close” button to close this screen.



11.Use filters for quick tasks search:

• Task filter

• ATA filter

•Task Description filter

• Filter Type.

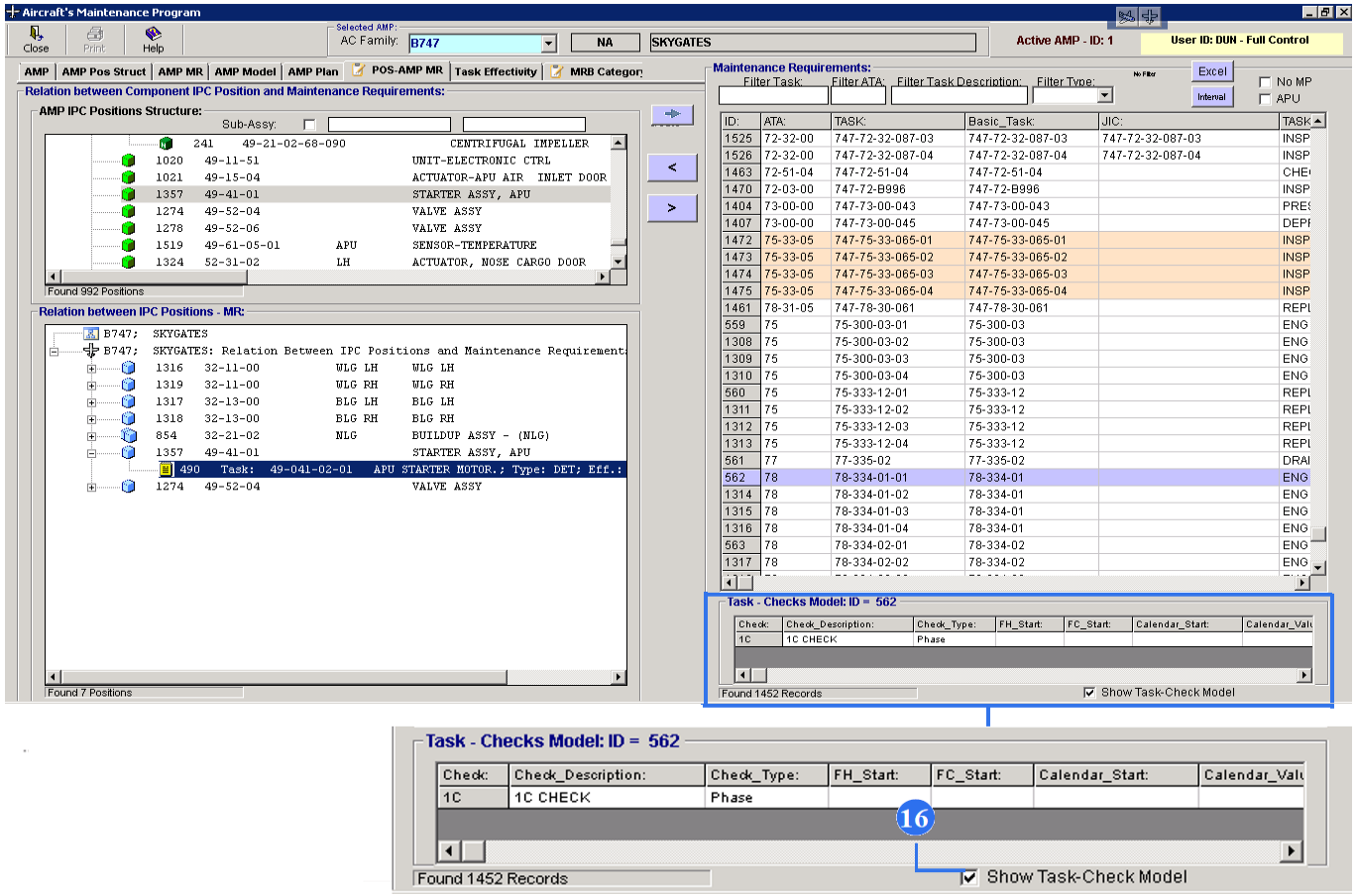
12. Push “Interval” button to open Interval Filter editor.

13. Use interval filter to find certain tasks.

14. If you want to view all tasks, unincluded to any checks yet, select the ‘No MP’ check box and you will get a list of unincluded tasks.

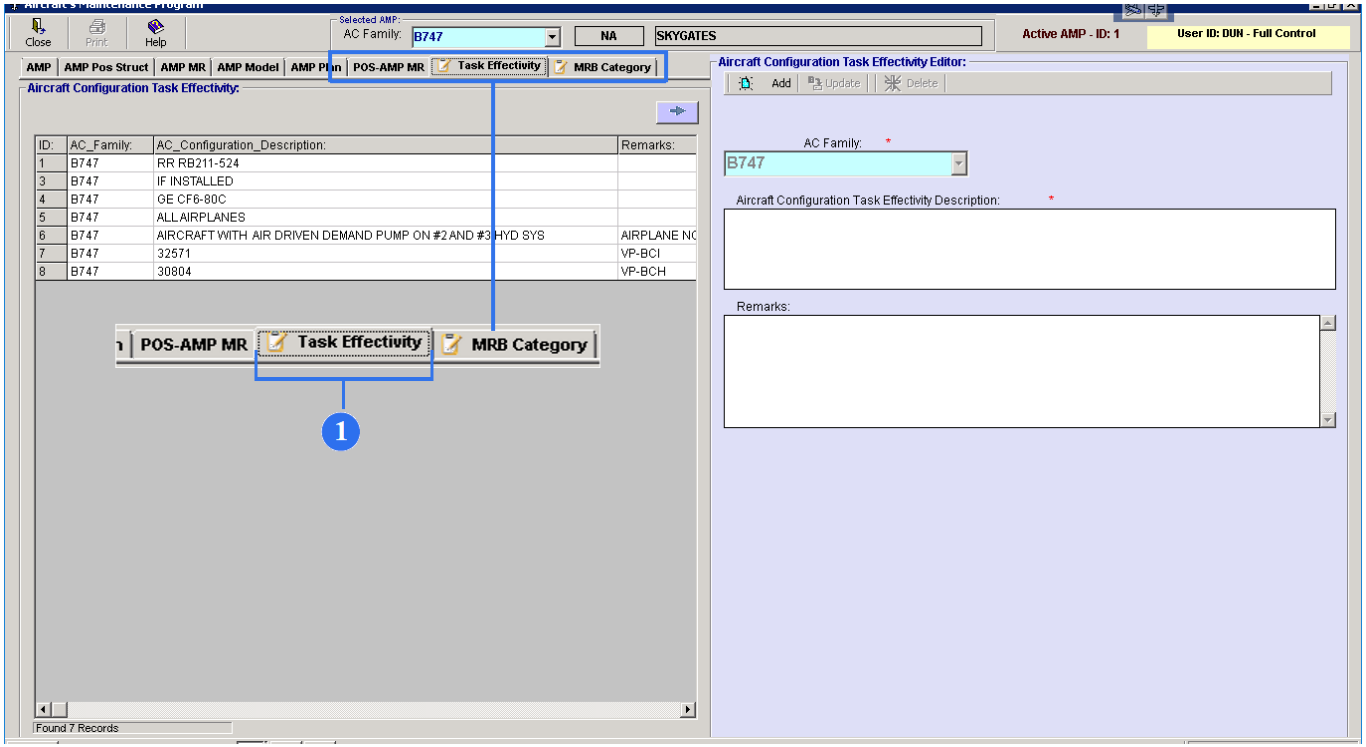
To see APU tasks tick “APU” field.

15. To transfer data to excel use “Excel” button.

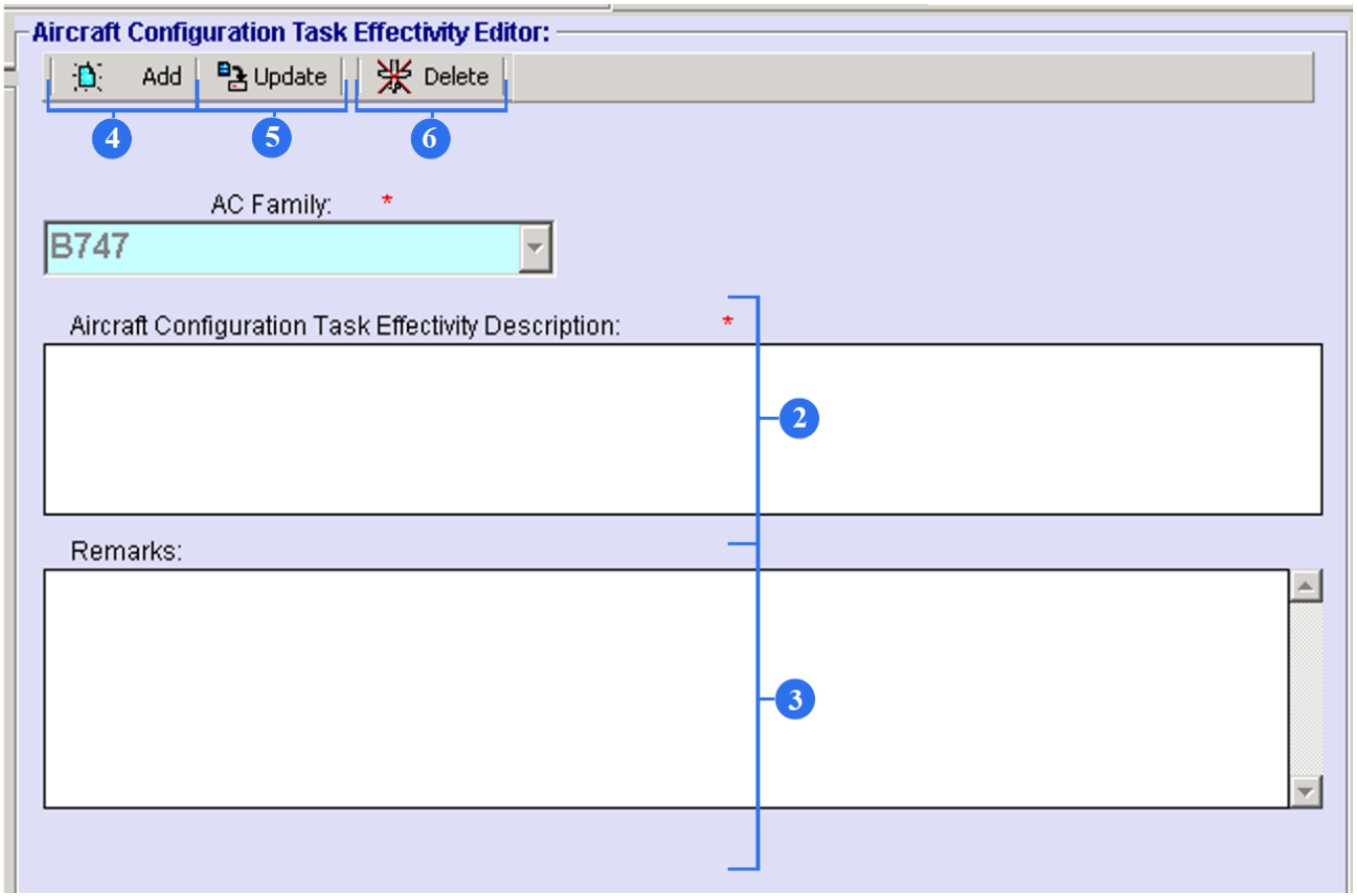


16. If you want to view all checks where a particular task is included, select the 'Show Task-Check Model' check box, and choose the task in the list. The result will be displayed at the bottom.

9. Task Effectivity



1. To open Aircraft Configuration Task Effectivity screen, click on the Task Effectivity.



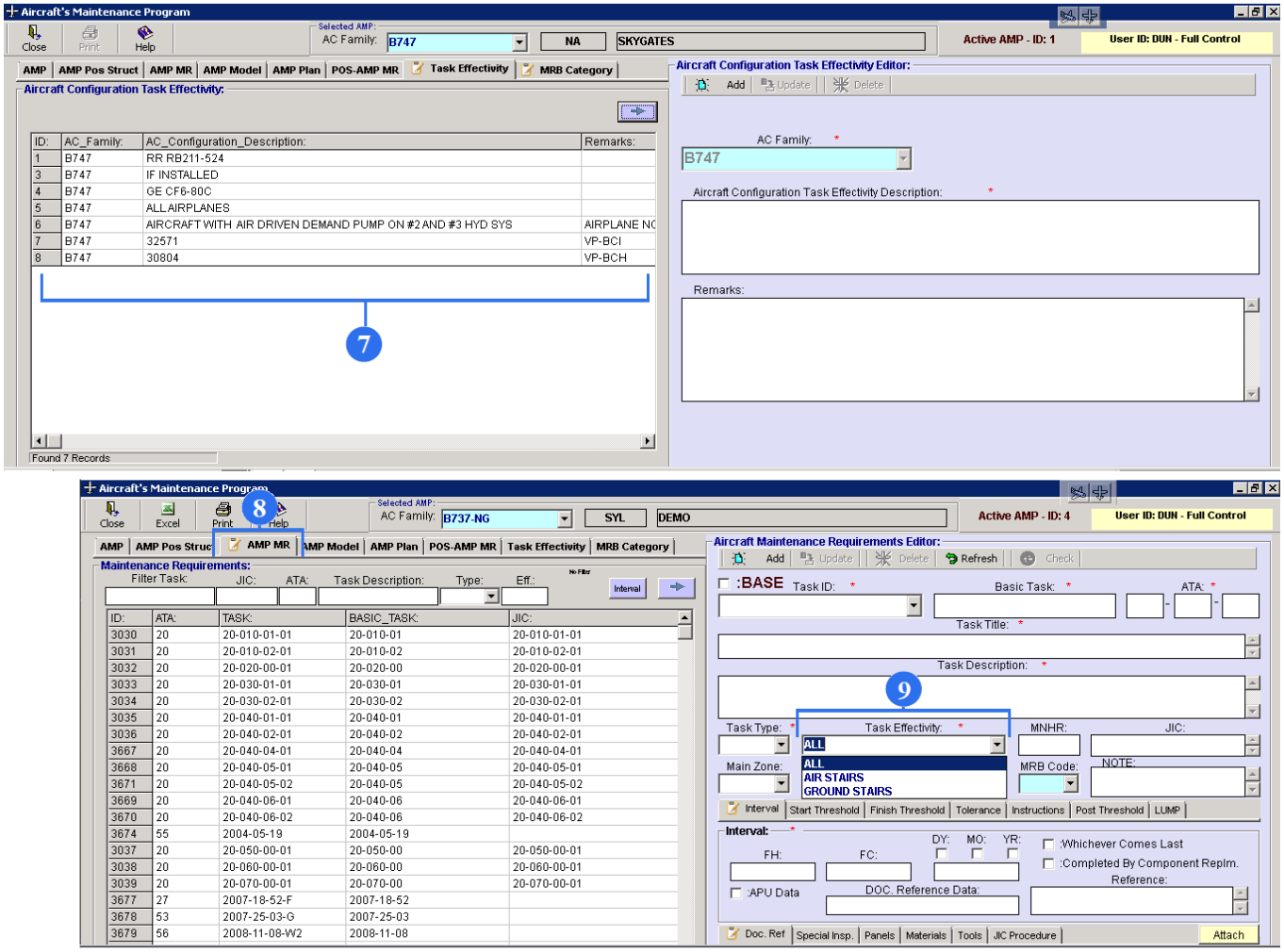
2. Provide an appropriate Description.

3. Provide an appropriate Remarks.

4. To save newly made Task Effectivity, click on the “Add” button.

5. To save changes in already existing Task Effectivity, click on the Update button.

6. To delete existing Task Effectivity, click on the “Delete” button.

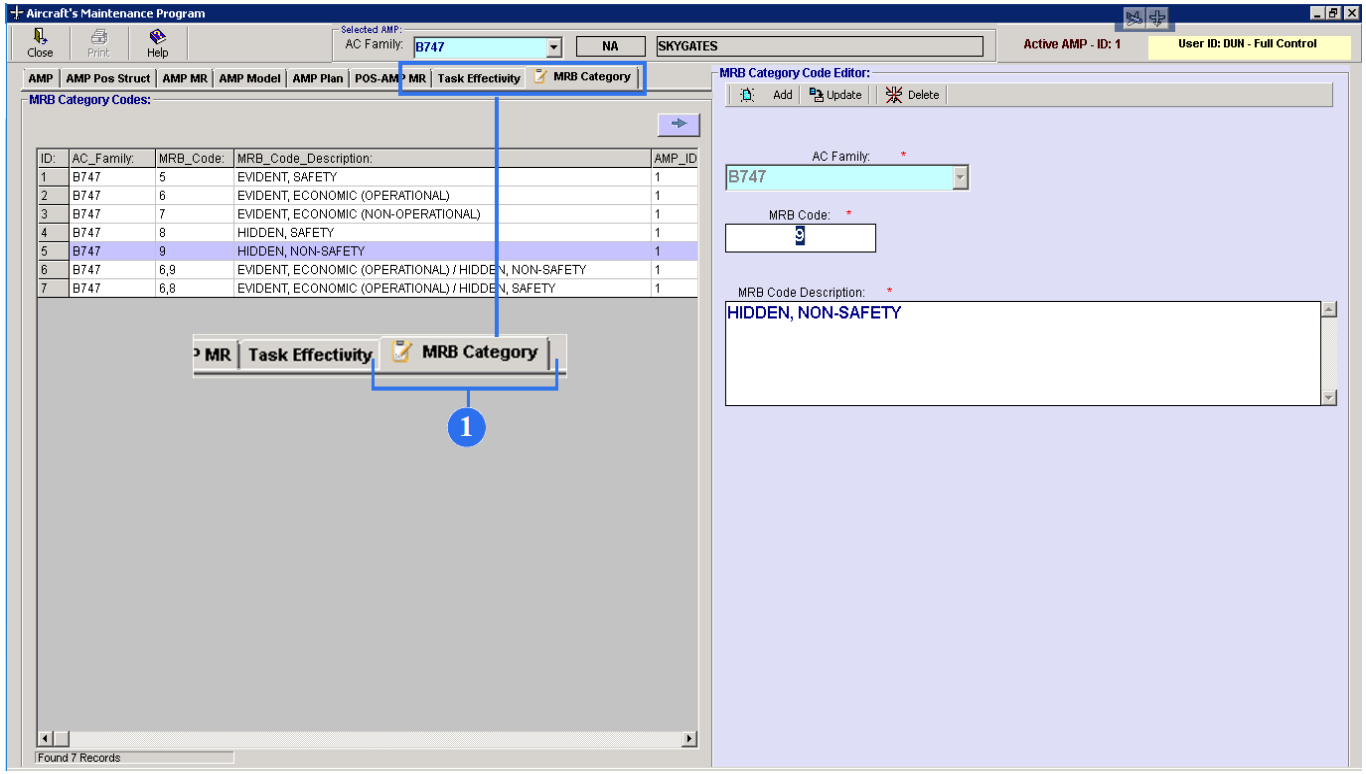


7. You can see save data on the Aircraft Configuration Task Effectivity screen.

8. This data is used in the “AMP MR” tab. Press this tab

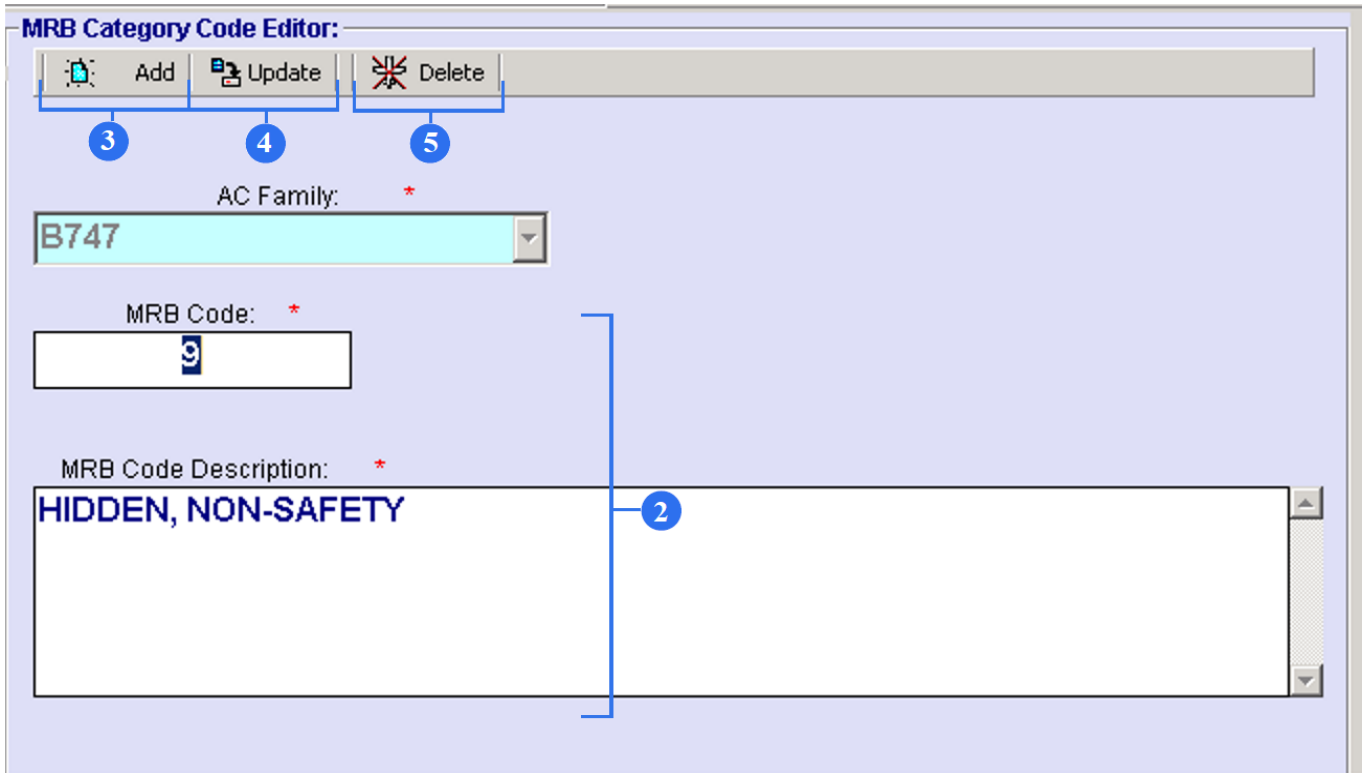
9. In the “Aircraft Maintenance Requirements Editor” find “Task Effectivity” field and press combo box. Here you can see all created task effectivity from “Task Effectivity” tab.

10. MRB (Maintenance Review Board) Category Codes



Maintenance Review Board Report is a document intended for use by air carriers. It contains the initial minimum scheduled **maintenance** and inspection requirements for a particular transport category aircraft and on-wing engine program.

1. To open MRB category screen, click on the MRB Category.

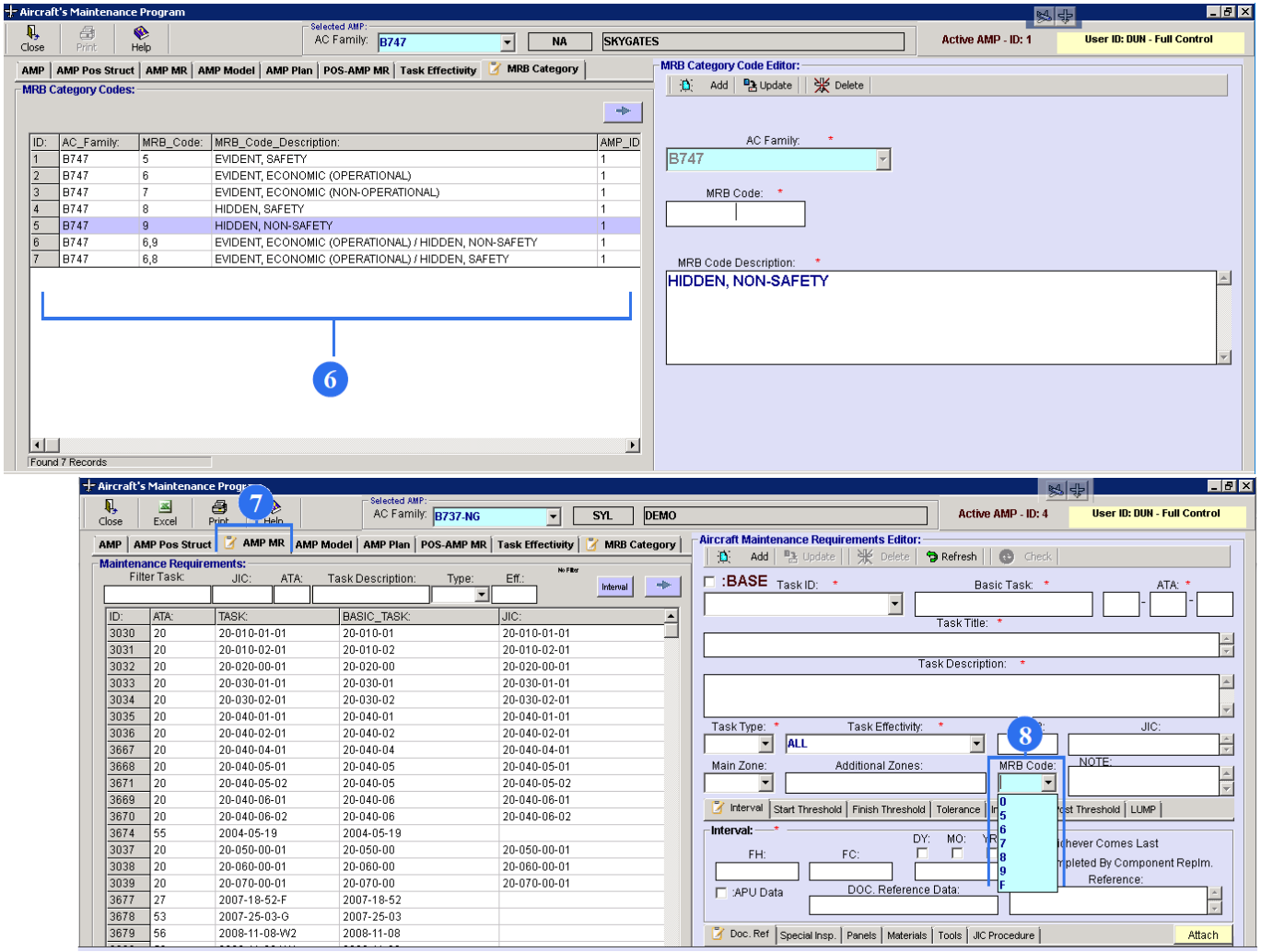


2. To register a new MRB Category Code, provide an appropriate Description and an MRB Code rate.

3. To save a newly made MRB Category Code, click on the Add button.

4. To save changes in an existing MRB Category Code, click on the Update button.

5. To delete an existing MRB Category Code, click on the Delete button.



6. You can see save data on the MRB Category Codes screen.

7. This data is used in the “AMP MR” tab. Press this tab.

9. In the “Aircraft Maintenance Requirements Editor” find “MRB Code” field and press combo box. Here you can see all created MRB codes from “MRB Category” tab.