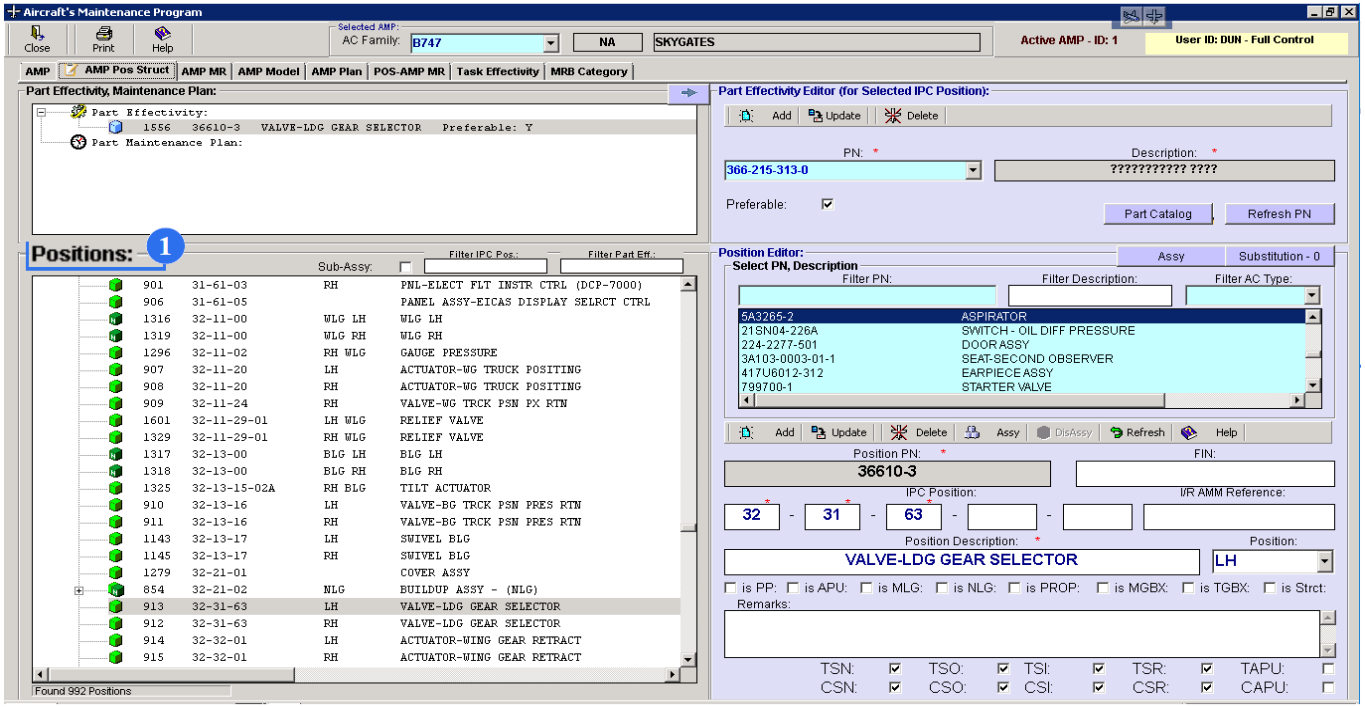
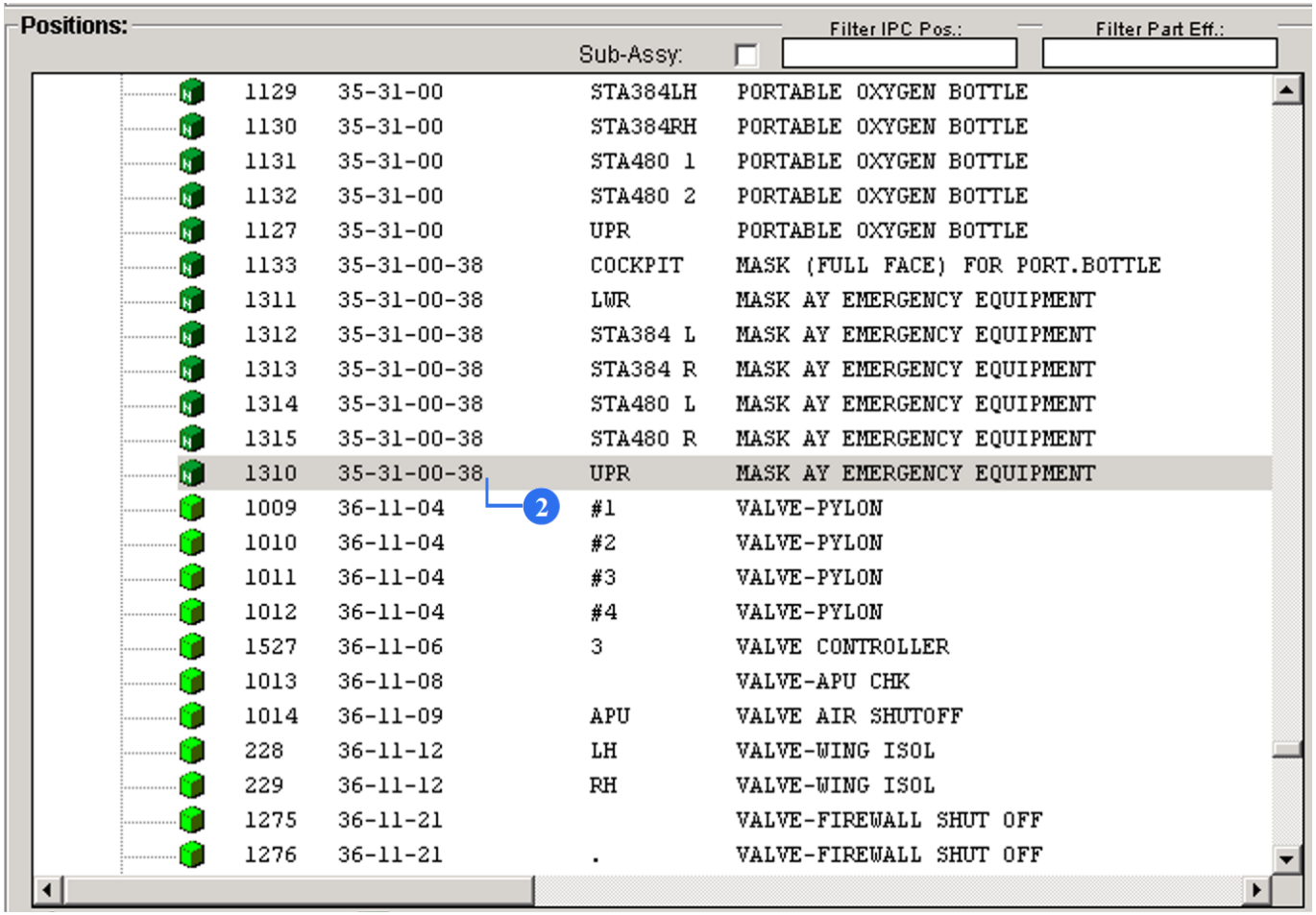
COMPONENT TREATMENT

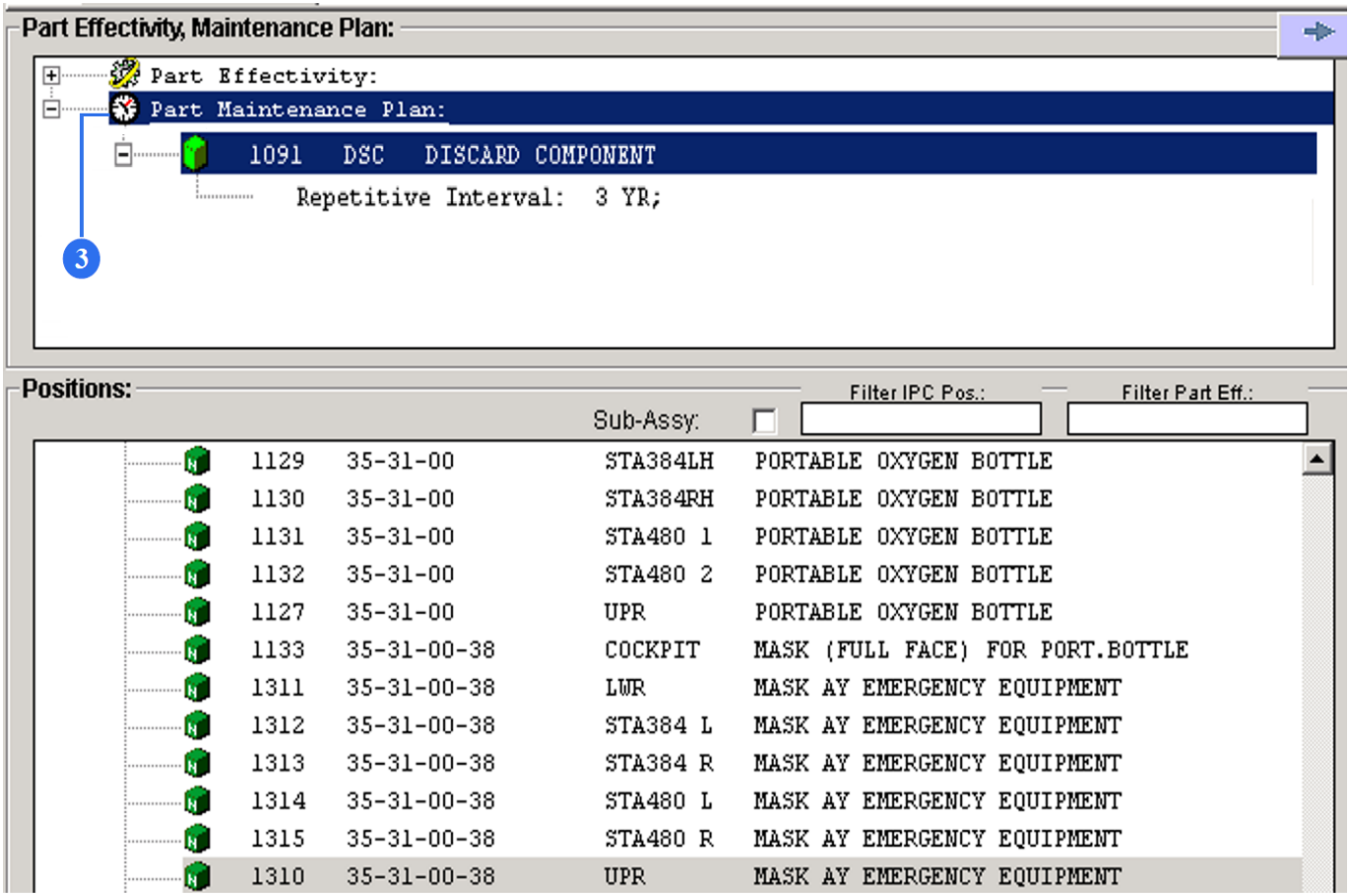
For all hard-time components, treatments must be registered.



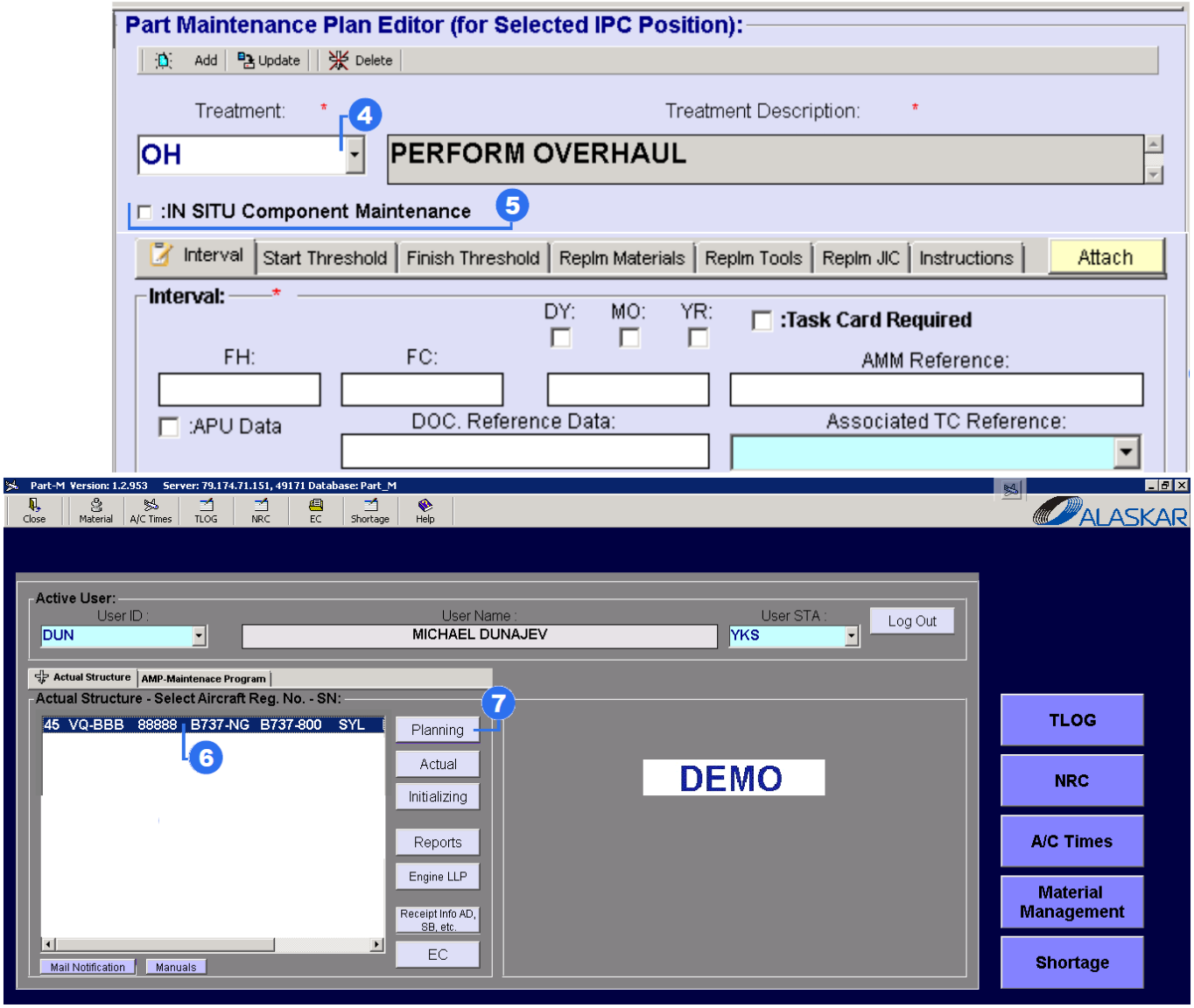
1. On the “Aircraft’s Maintenance Program” screen operate with “Positions” window.



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.



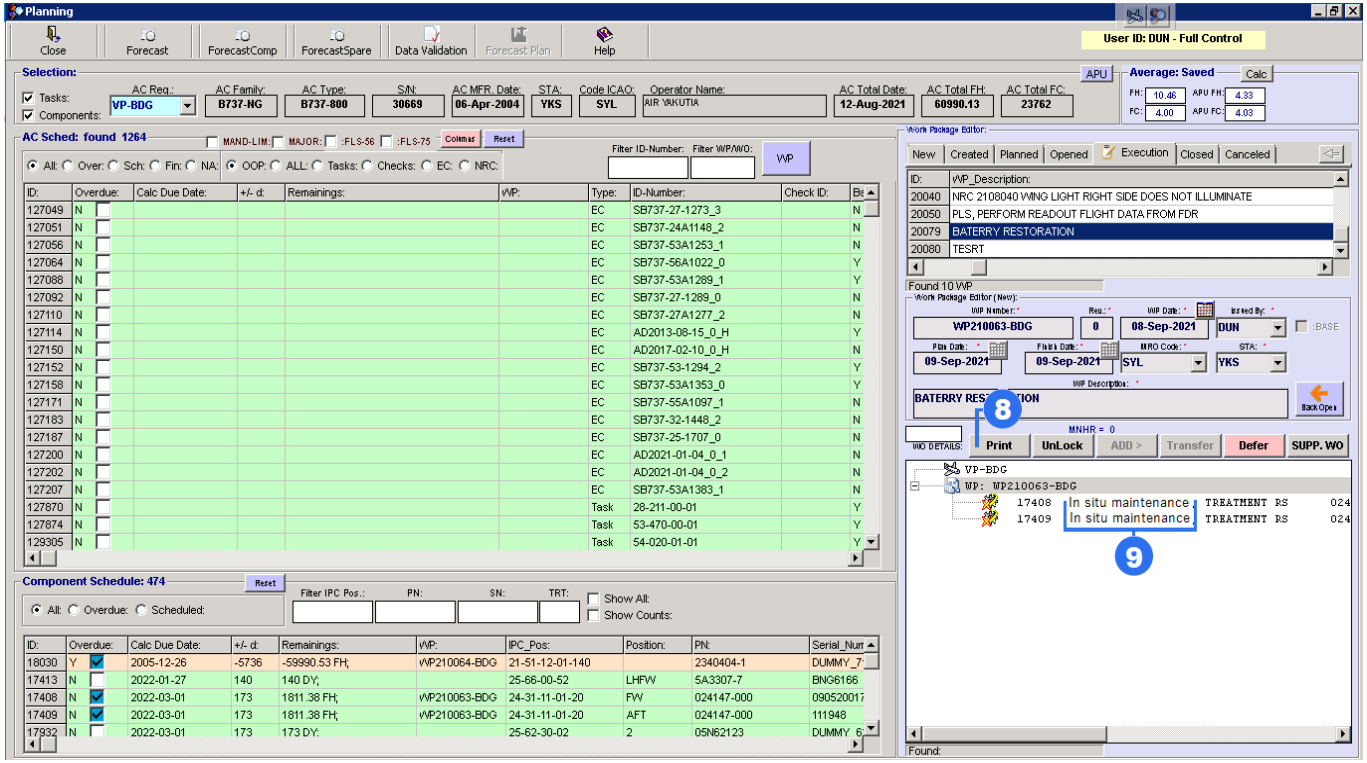
4. Select a Treatment. Treatment description will appear automatically.

5. If component replacements are not required during treatment performance, check box “IN SITU Component Maintenance”. It is very important.

Then after checking this box and saving the data in the editor:

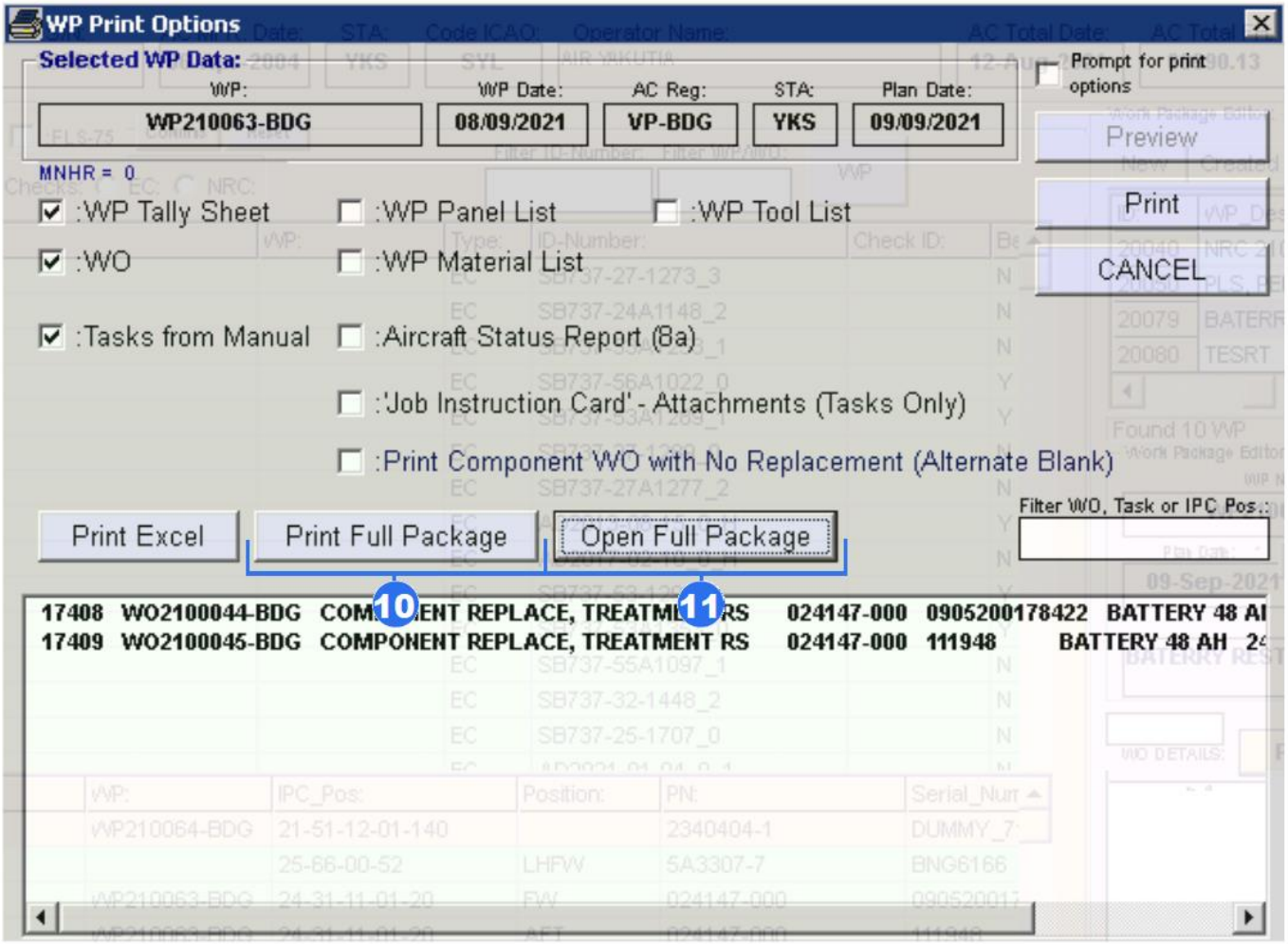
6. In the “PART-M” module select and highlight aircraft registration.

7. Press “Planning” button.



8. When components are added to the package, the name of Work Order "Component Replacement" will be "In Situ Maintenance" instead.

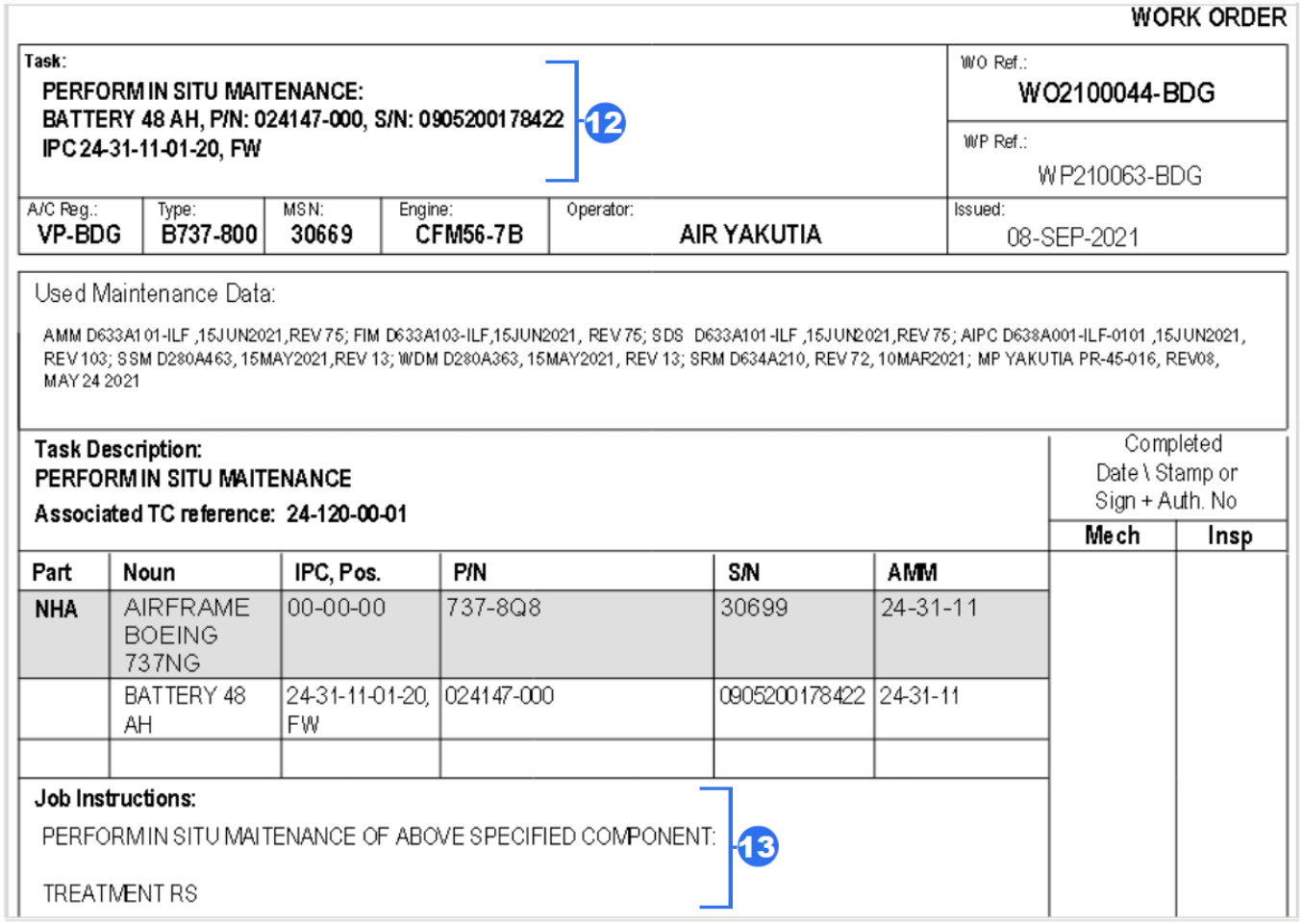
9. Press “Print” button, “WP Print Options” screen opens.



10. Press “Print Full Package” button and wait until the message "File WP Was Successfully Created" appears.

11. Push on the “Open Full Package”.

Find the work order with your component treatment in the open file.



WORK ORDER

Task:
PERFORM IN SITU MAITENANCE:
BATTERY 48 AH, P/N: 024147-000, S/N: 0905200178422
IPC 24-31-11-01-20, FW

12

WO Ref.: WO2100044-BDG
WP Ref.: WP210063-BDG

A/C Reg.:	Type:	MSN:	Engine:	Operator:	Issued:
VP-BDG	B737-800	30669	CFM56-7B	AIR YAKUTIA	08-SEP-2021

Used Maintenance Data:

AMM D633A101-ILF ,15JUN2021,REV 75; FIM D633A103-ILF,15JUN2021, REV 75; SDS D633A101-ILF ,15JUN2021,REV 75; AIPC D638A001-ILF-0101 ,15JUN2021, REV 103; SSM D280A463, 15MAY2021,REV 13; WDM D280A363, 15MAY2021, REV 13; SRM D634A210, REV 72, 10MAR2021; MP YAKUTIA PR-45-016, REV08, MAY 24 2021

Task Description:
PERFORM IN SITU MAITENANCE
Associated TC reference: 24-120-00-01

Completed Date \ Stamp or Sign + Auth. No

Part	Noun	IPC, Pos.	P/N	S/N	AMM	Mech	Insp
NHA	AIRFRAME BOEING 737NG	00-00-00	737-8Q8	30699	24-31-11		
	BATTERY 48 AH	24-31-11-01-20, FW	024147-000	0905200178422	24-31-11		

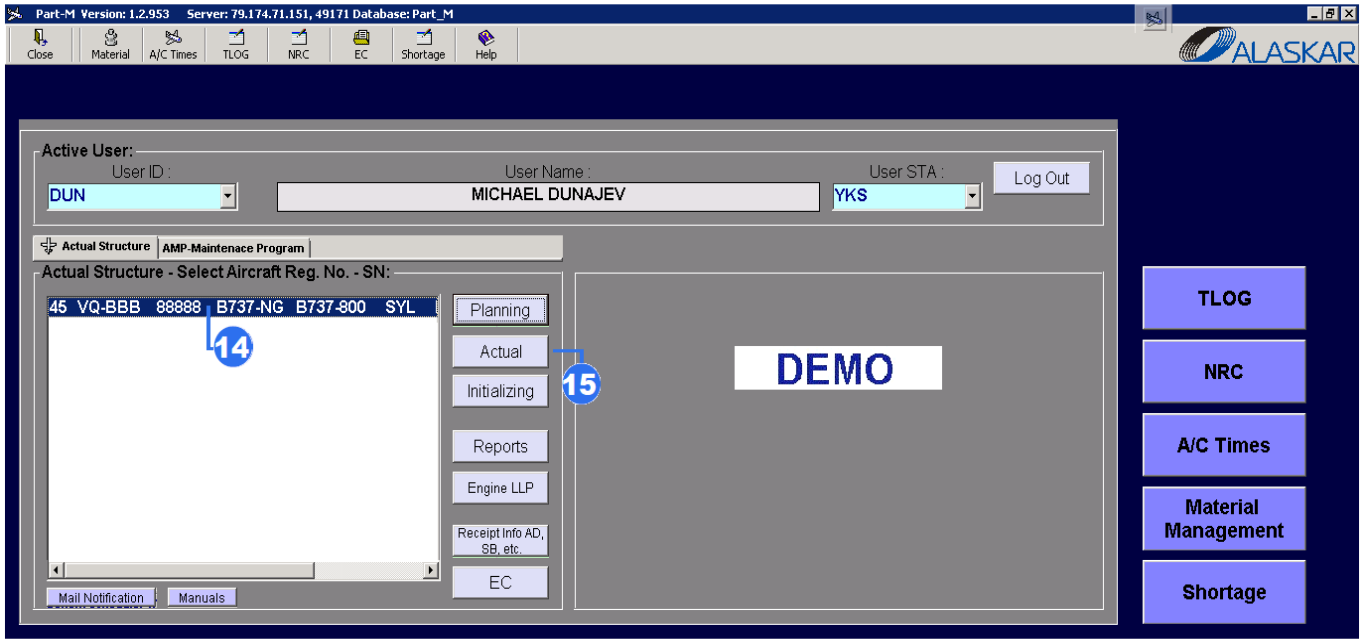
Job Instructions:
PERFORM IN SITU MAITENANCE OF ABOVE SPECIFIED COMPONENT:

13

TREATMENT RS

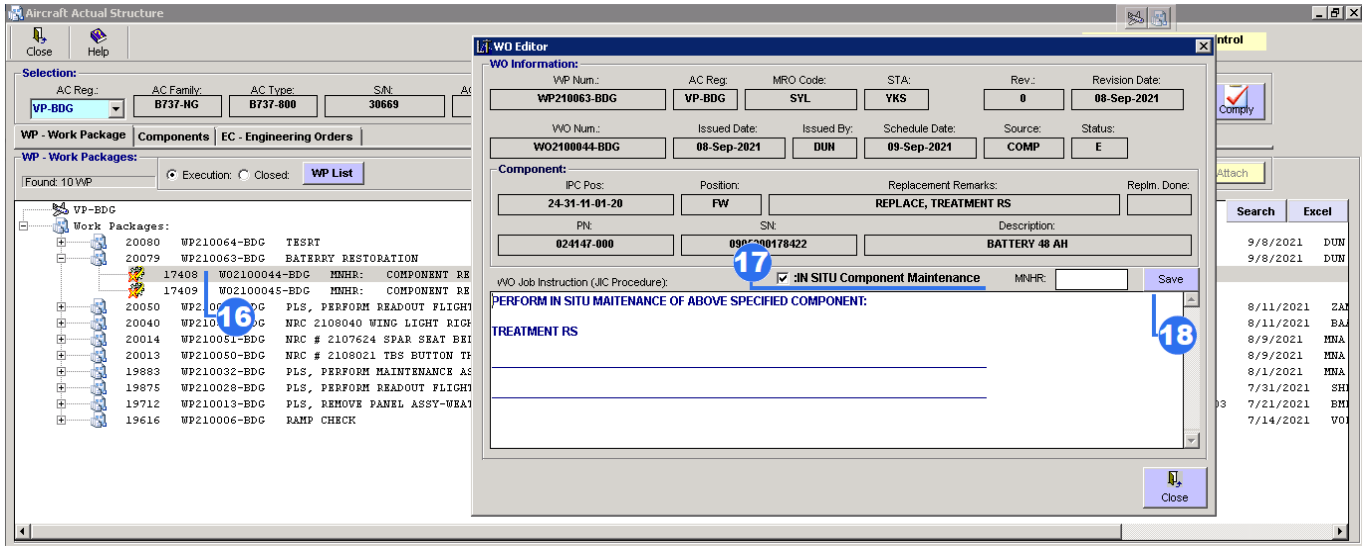
12. In the WO you can see name of task “PERFORM IN SITU MAINTENANCE”

13. Also, in the field “Job Instructions” you can see a sign “PERFORM IN SITU MAINTENACE OF ABOVE SPECIFIED COMPONENT”



14. In the “PAR-M” module select and highlight corresponding aircraft registration.

15. Press “Actual” button.



16. Find your WP, select WO with your component, highlight it and right click. WO editor opens.

17. There is check box “IN SITU Component Maintenance”. Remove the tick.

18. Press “Save” button and close the editor.

DEMO

WORK ORDER

Task:
REPLACE AIRCRAFT COMPONENT:
BATTERY 48 AH, P/N: 024147-000, S/N: 0905200178422
IPC 24-31-11-01-20, FW
19

WO Ref.: WO2100044-BDG
WP Ref.: WP210063-BDG

A/C Reg.:	Type:	MSN:	Engine:	Operator:	Issued:
VP-BDG	B737-800	30669	CFM56-7B	AIR YAKUTIA	08-SEP-2021

Used Maintenance Data:

AMM D633A101-ILF ,15JUN2021,REV 75; FIM D633A103-ILF,15JUN2021, REV 75; SDS D633A101-ILF ,15JUN2021,REV 75; AIPC D638A001-ILF-0101 ,15JUN2021, REV 103; SSM D280A463, 15MAY2021,REV 13; WDM D280A363, 15MAY2021, REV 13; SRM D634A210, REV 72, 10MAR2021; MP YAKUTIA PR-45-016, REV08, MAY 24 2021

Task Description:
REPLACE AIRCRAFT COMPONENT:
Associated TC reference: 24-120-00-01

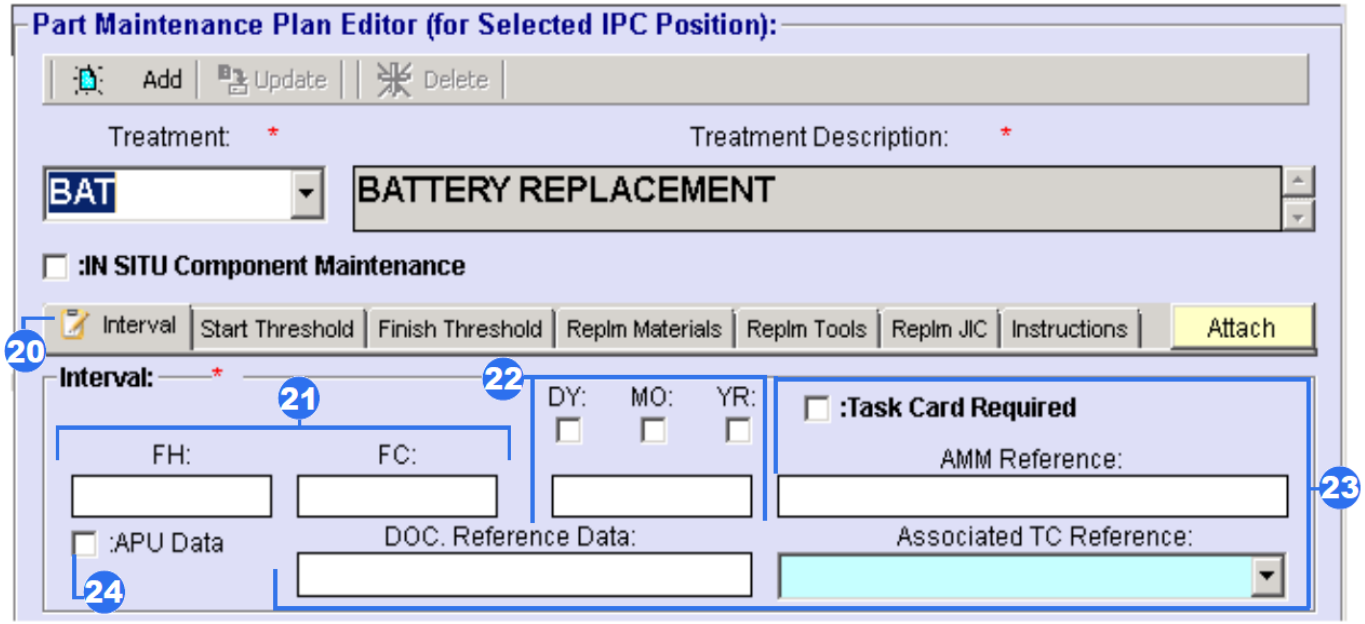
Completed Date \ Stamp or Sign + Auth. No

Part	Noun	IPC, Pos.	P/N	S/N	AMM	Mech	Insp
NHA	AIRFRAME BOEING 737NG	00-00-00	737-8Q8	30699	24-31-11		
OUT	BATTERY 48 AH	24-31-11-01-20, FW	024147-000	0905200178422	24-31-11		
IN	BATTERY 48 AH						

Job Instructions:

1. PERFORM REMOVAL/INSTALLATION OF ABOVE SPECIFIED COMPONENT AND RECORD REFERENCE TO PERFORMED REMOVAL / INSTALLATION TASKS:

19. In the WO you can see name of task “REPLACE AIRCRAFT COMPONENT”. Also, in the field “Job Instructions” you can see a sign “PERFORM REMOVAL/INSTALLATION OF COMPONENT”



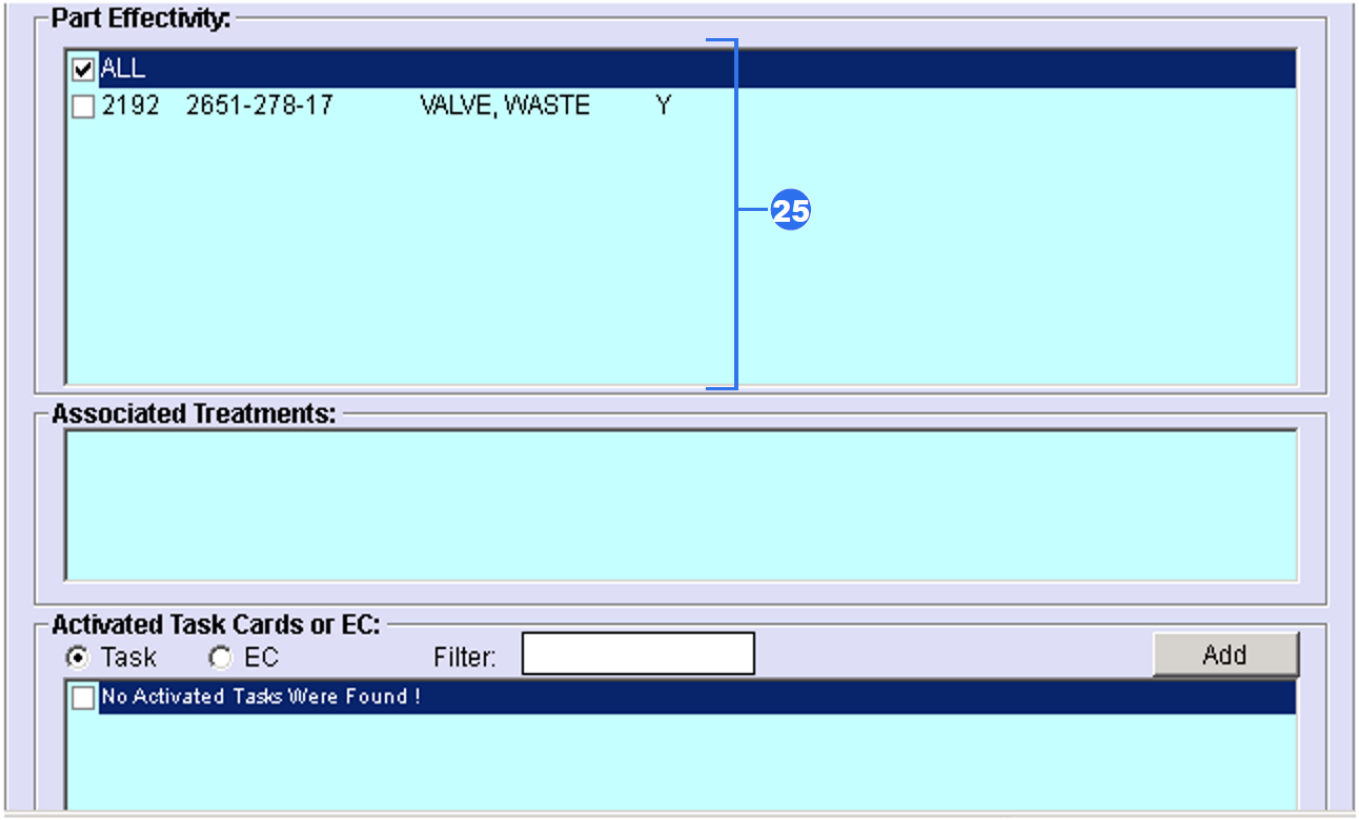
20. Click on the “Interval” tab.

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

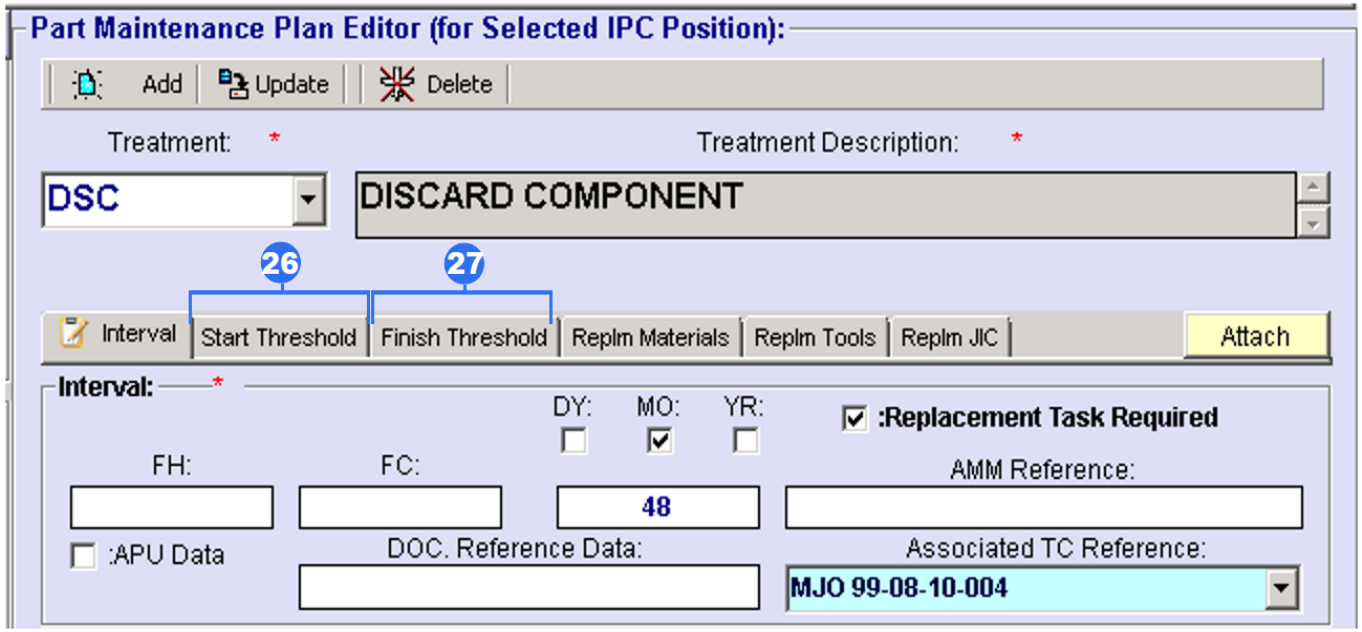
22. To set up a certain interval for repetitive tasks, type DY (days)/ MO (months)/ YR (years).

23. Tick the “Task Card Required’ and type an AMM (Aircraft Maintenance Manual) Reference. Select a Replacement Task Card in the “Associated TC Reference” field. This file is then attached when you print the work package.

24. Check box “APU Data” if APU data utilization needed.

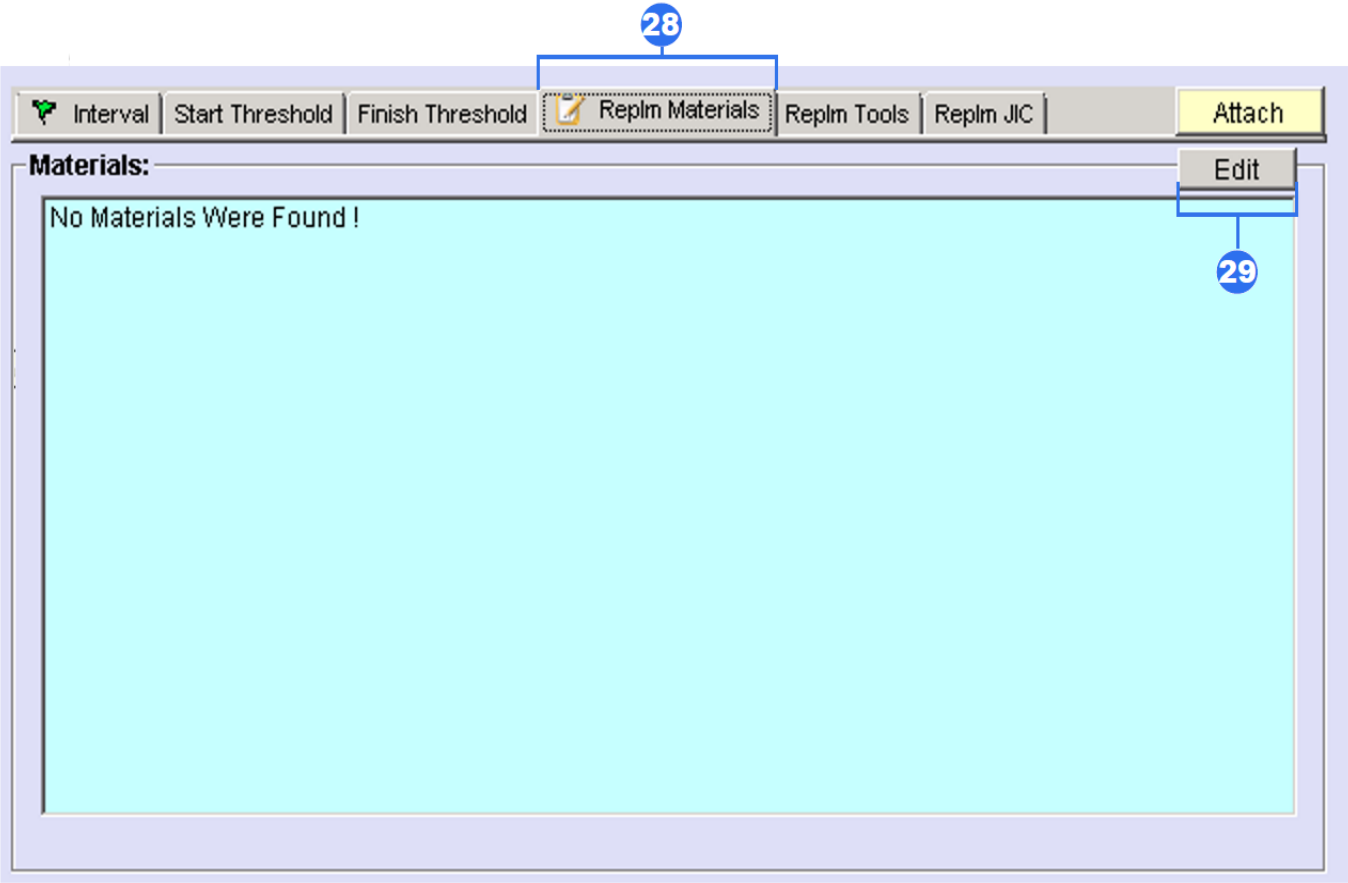


25. If the component has several effective components (registered in the Effectivity Editor, item ‘C’), and set intervals and thresholds are applicable to these components, tick the ‘All’ field or select a necessary component.



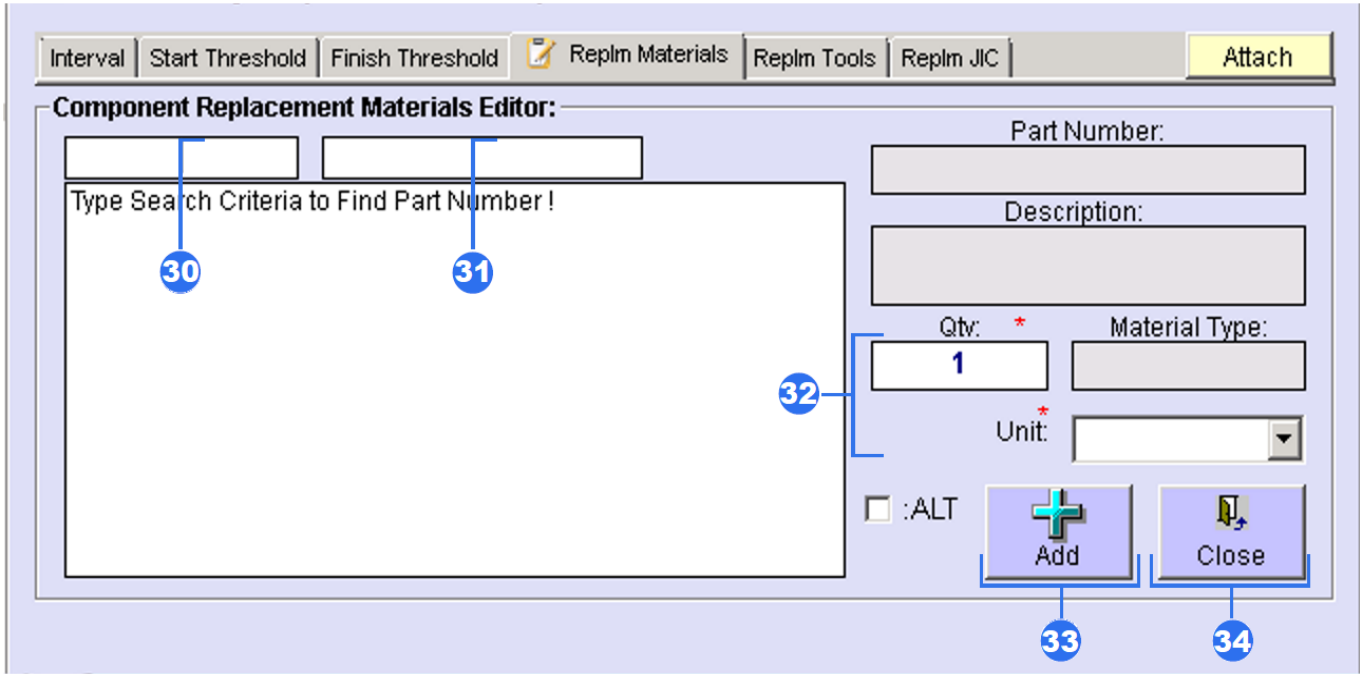
26. To set up a Start Threshold, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years). Only when the set parameters are reached, the task starts to be carried out.

27. 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.



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

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



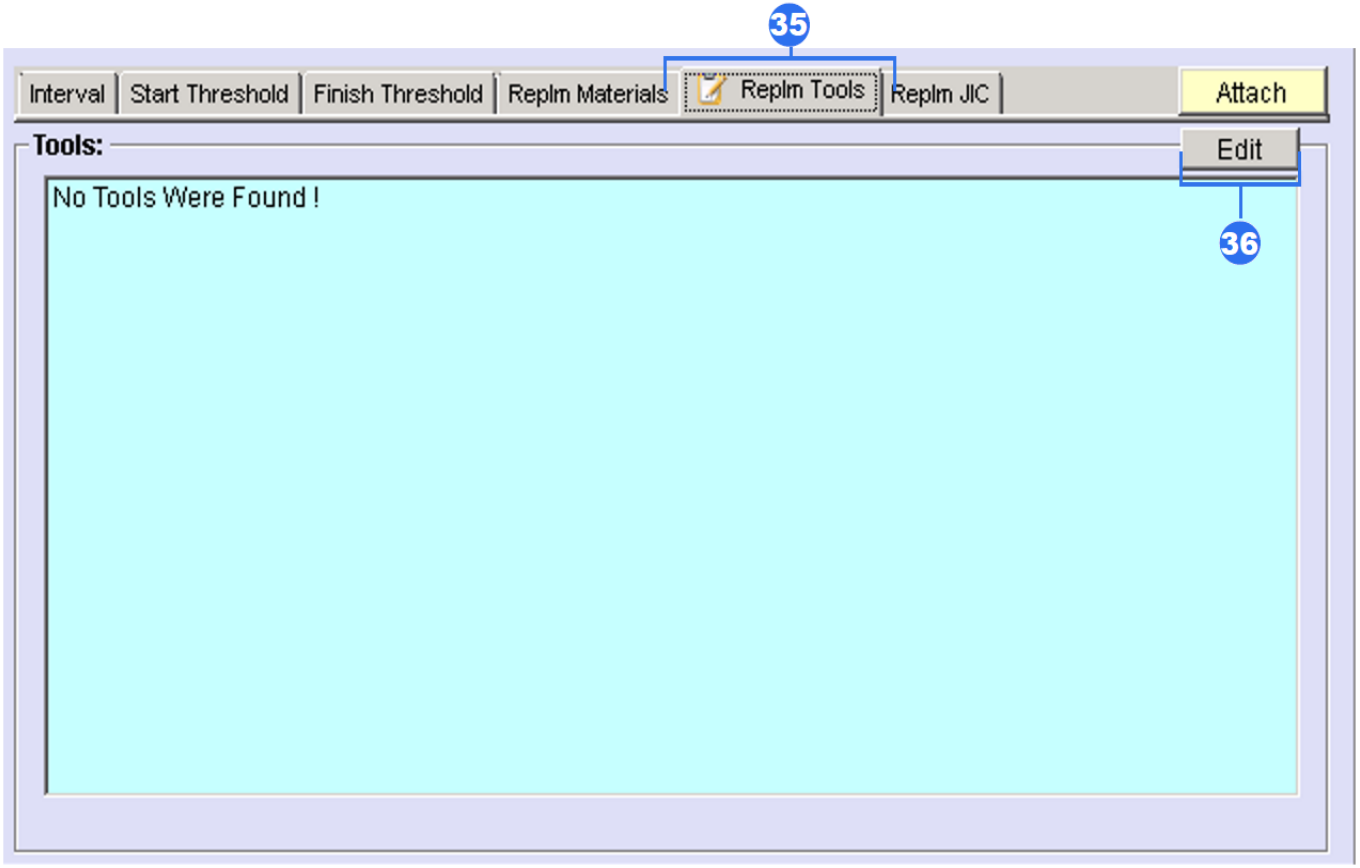
30. Type part number of the search criteria.

31. Type description of the search criteria.

32. Type quantity and how it is measured.

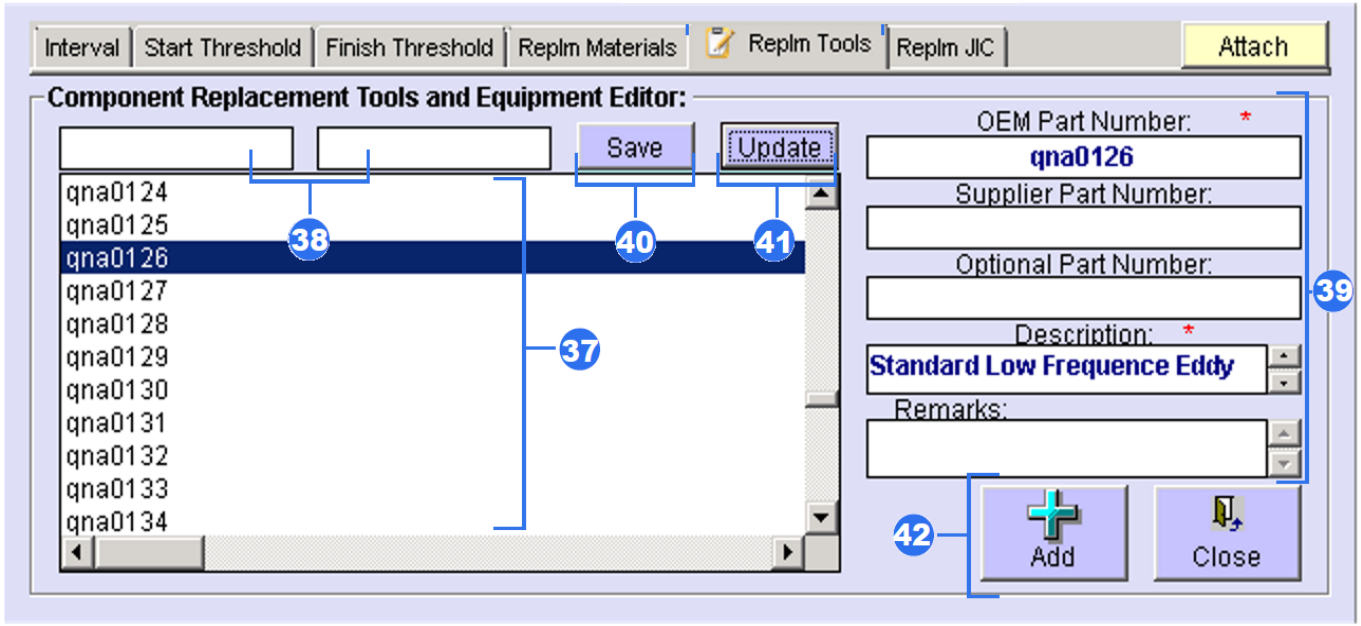
33. Push “Add” button to save data.

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



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

36. Push “Edit” button to open editor.



37. From the whole list select associated tool.

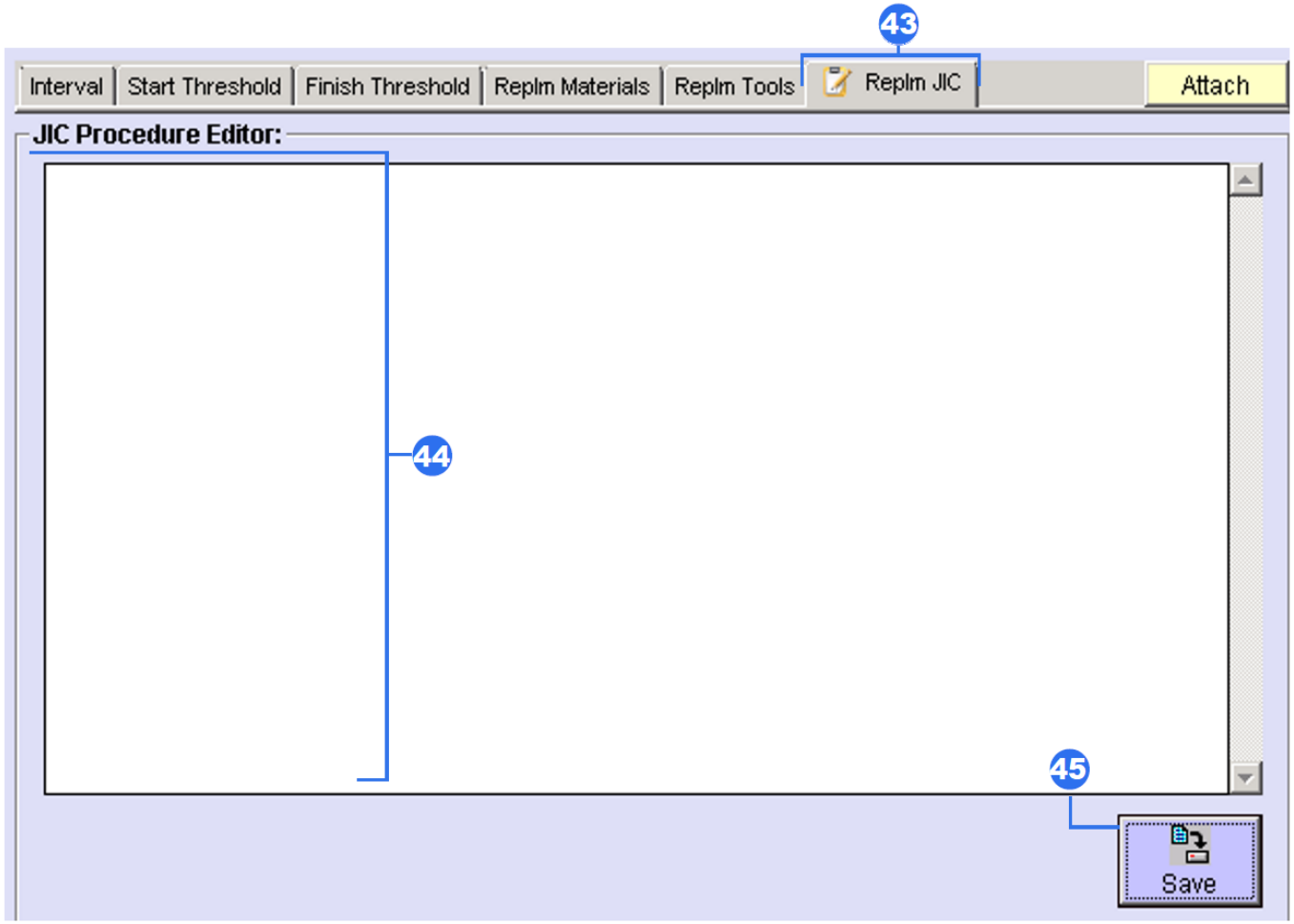
38. Use finder to look for the tool quickly. (Enter OEM P/N).

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

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

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

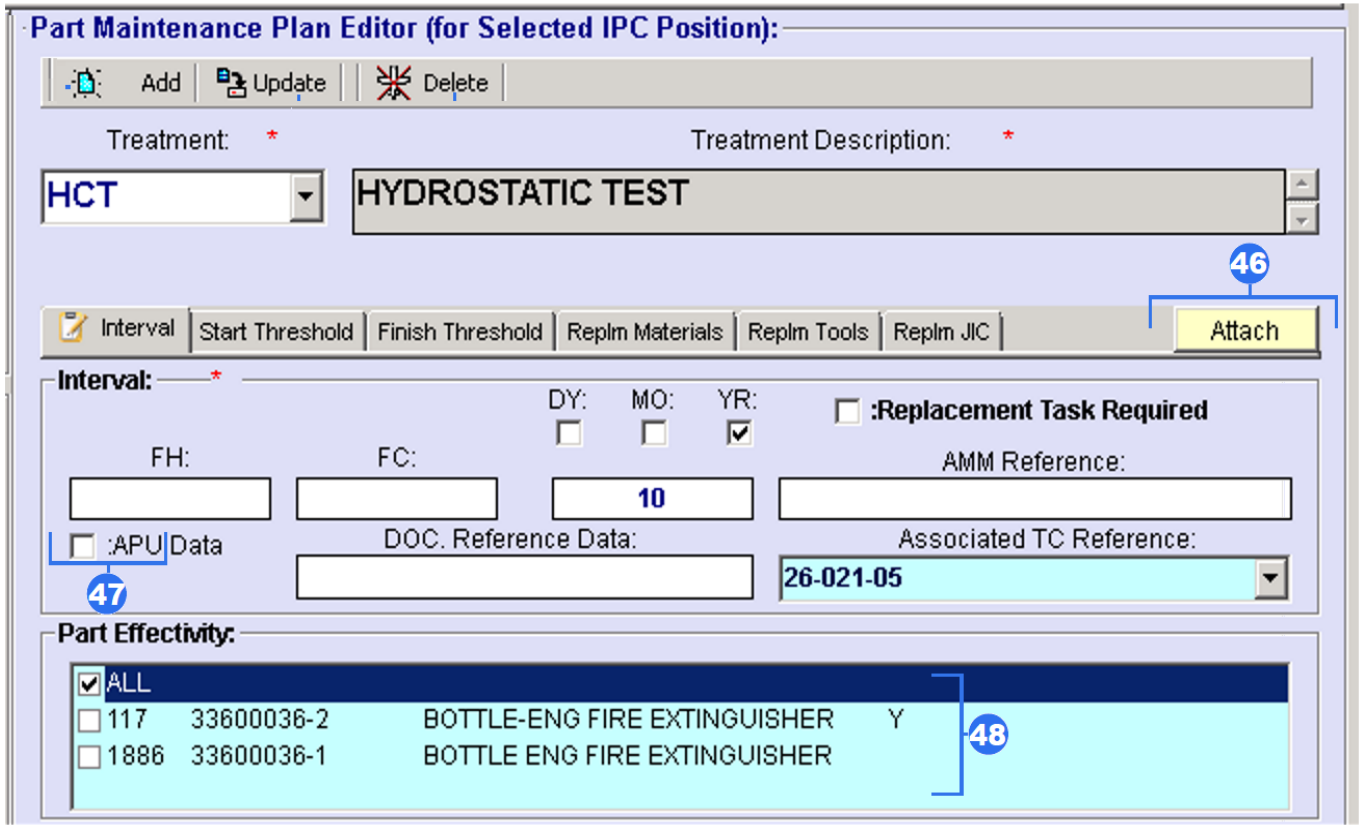
42. Push “Add” button to save recommendation tool.



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

44. Use the field to create job instruction.

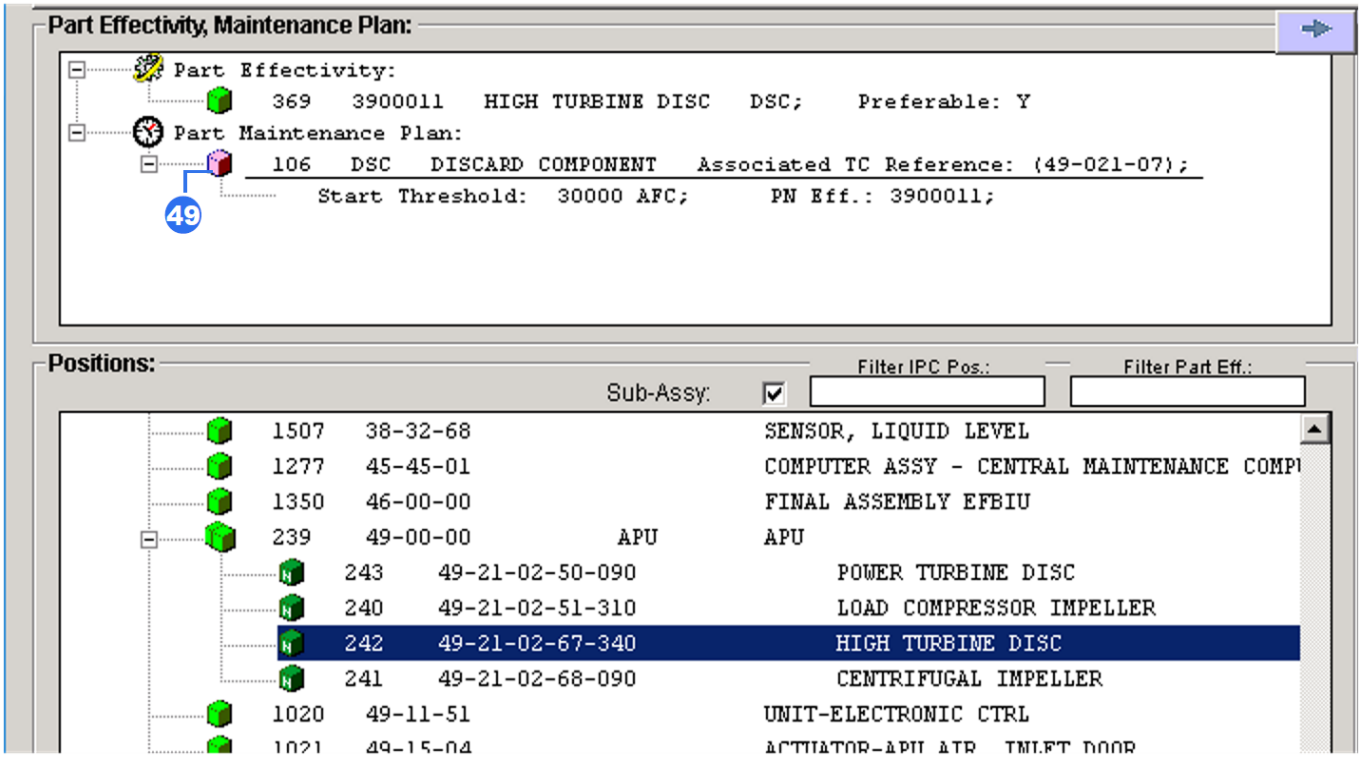
45. Push “Save” button to save instruction.



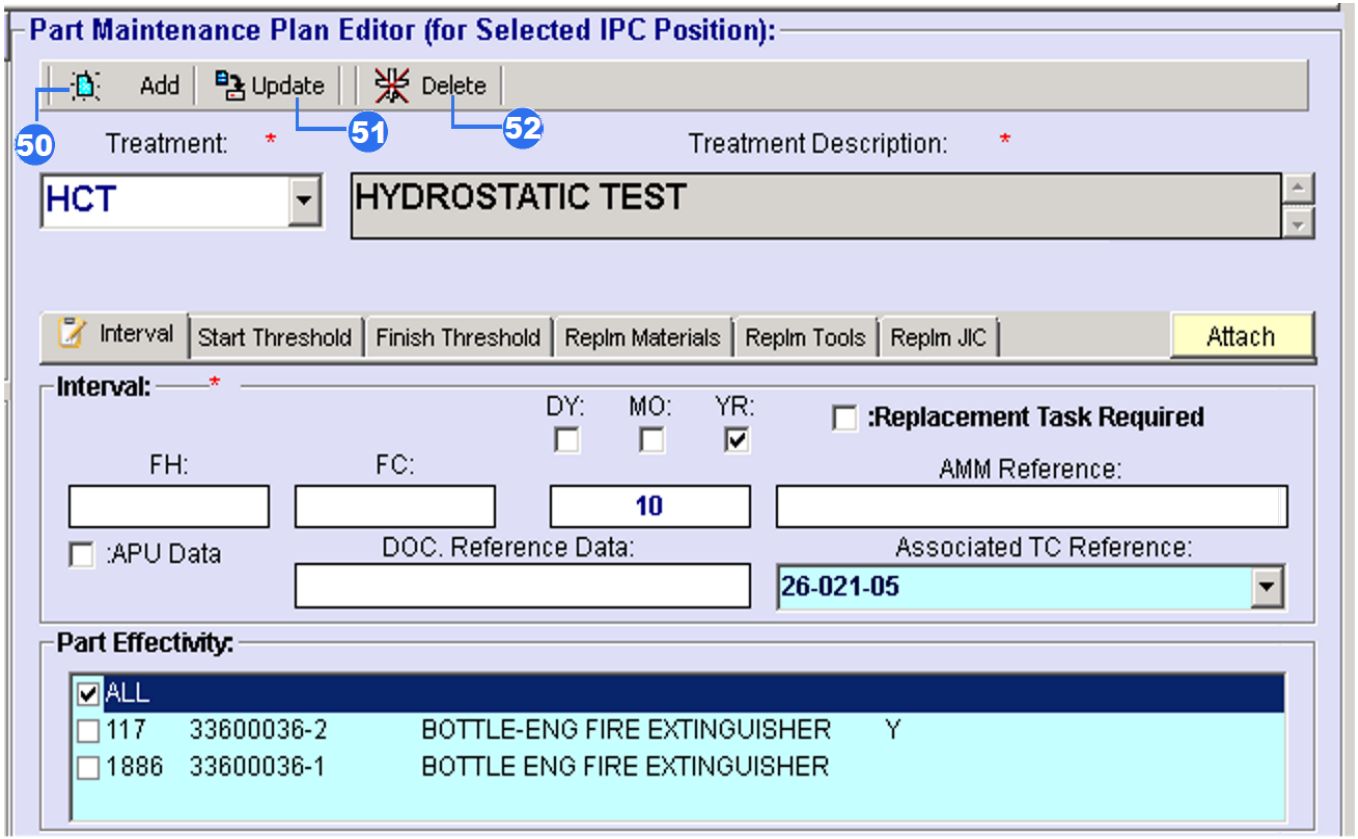
46. Use “Attach” button to fix additional information such as picture, Illustration from documentation, work order and other.

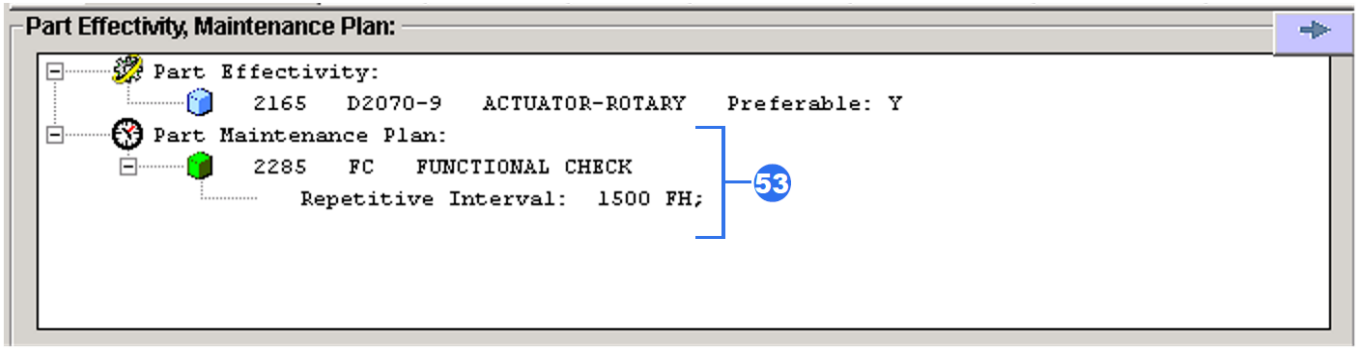
47. Select the ‘APU Data’ field, if the treatment should be completed in accordance with the APU Utilization Times.

48. 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



49. 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).



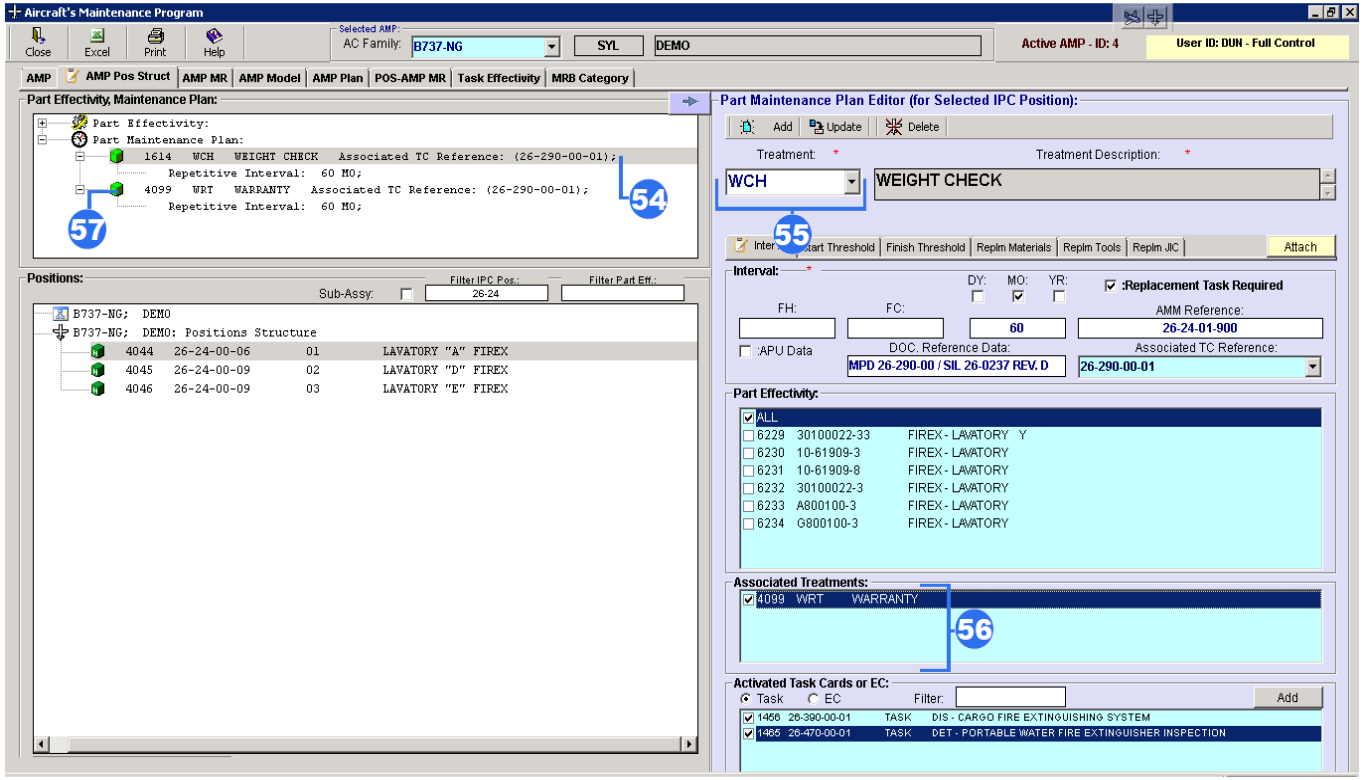


50. After all data enter finish, click on the “Add” button to save data.

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

52. To remove enter data push “Delete”.

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



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

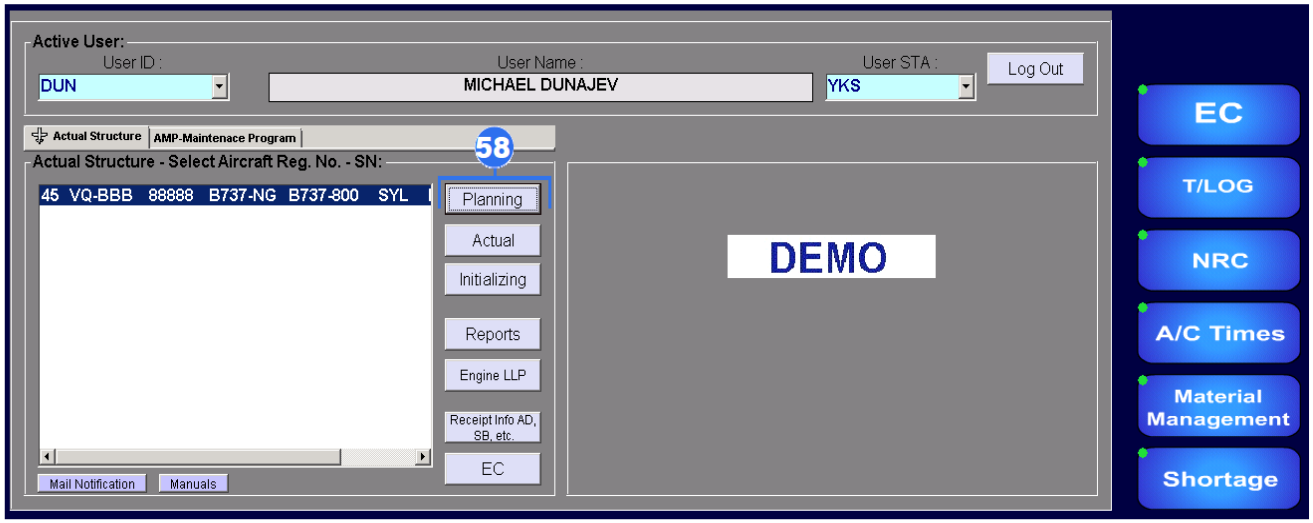
54. Highlight created treatment in the Part Maintenance Plan.

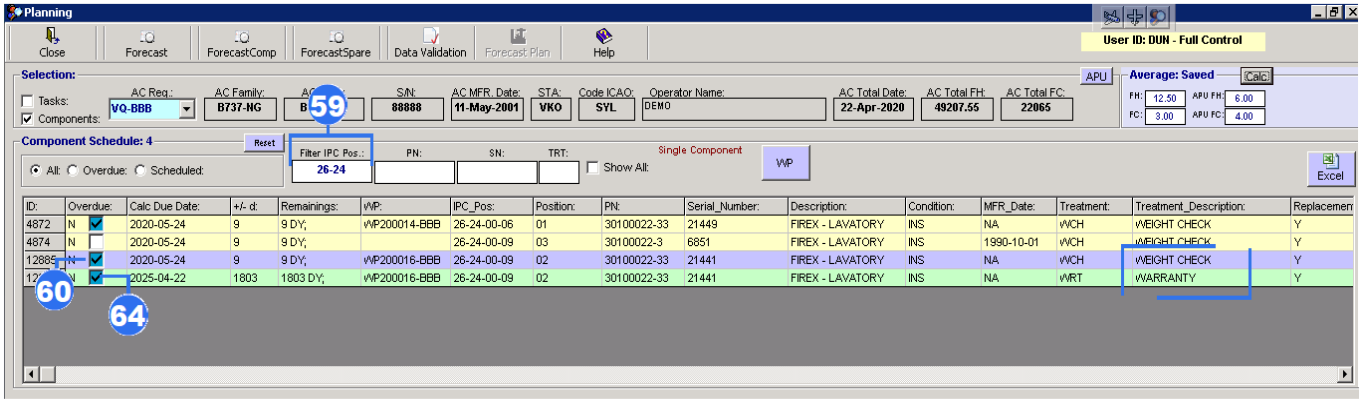
55. In the Editor change treatment and push Add button to save it.

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

57. In Part Maintenance Plan new line will appear.

Also associated treatment was reflected in the Planning module.

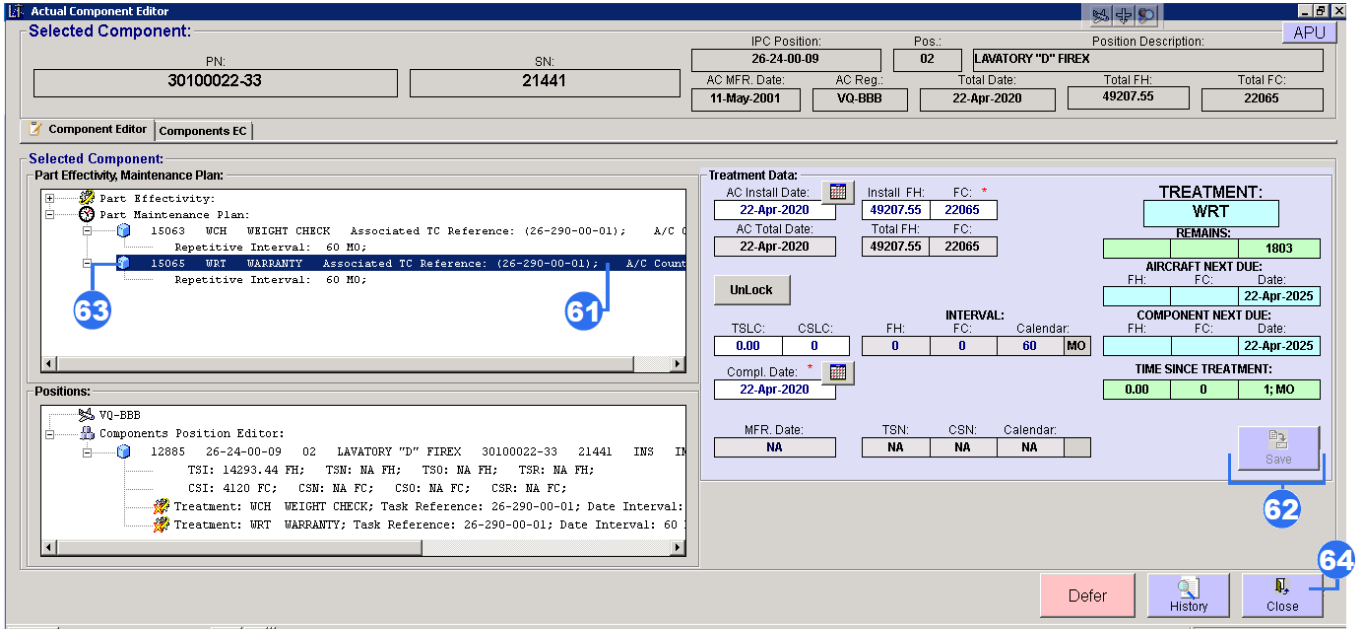


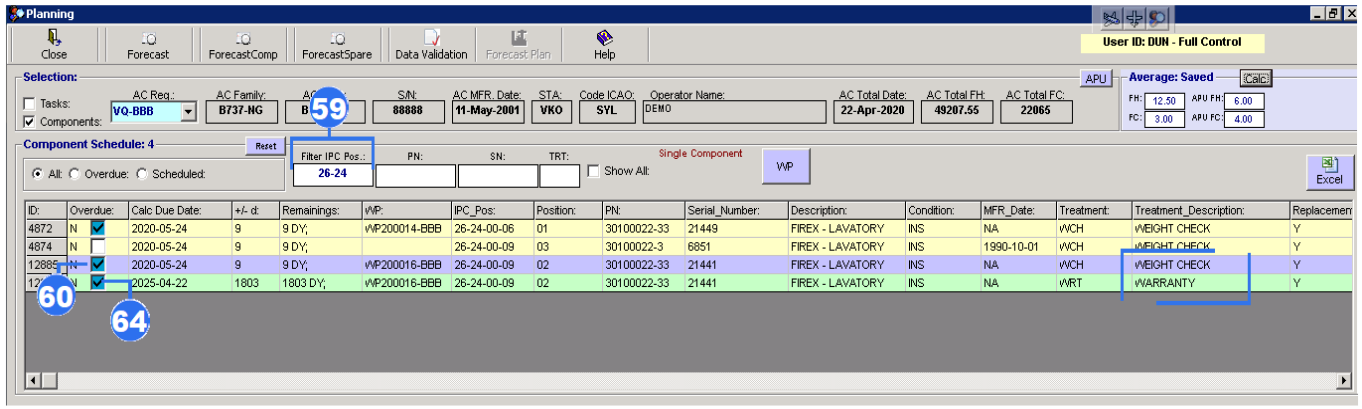


58. In the PART M click on the Planning button.

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

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





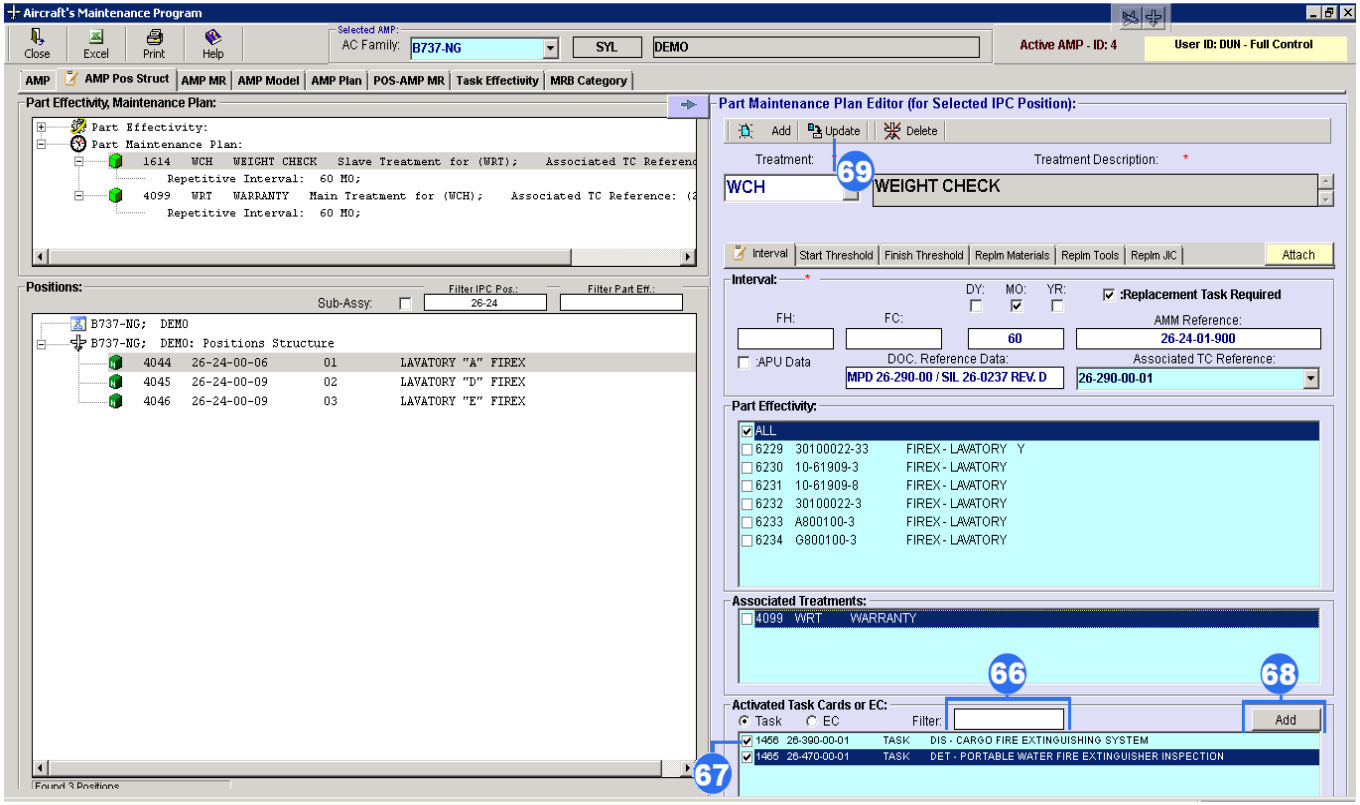
61. Select component with new treatment in the “Part Effectivity, Maintenance Plan” window.

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

63. Note, that cube has turned blue.

64. Close the editor.

65. 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:

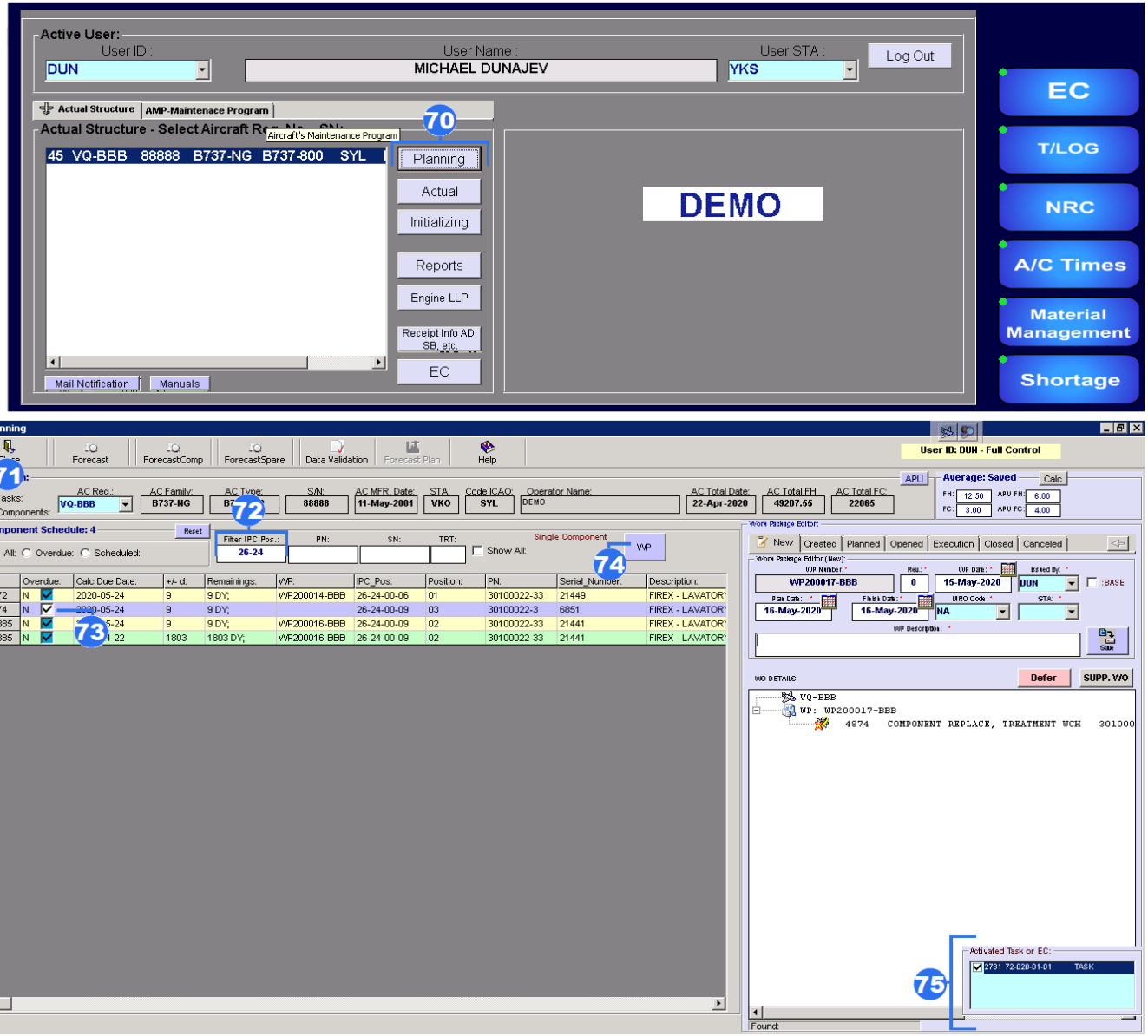
66. In the “Activated Task Cards or EC” editor use Filter field to enter task or EC. Push Enter button on your keyboard.

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

68. Click Add button.

69. 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.



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

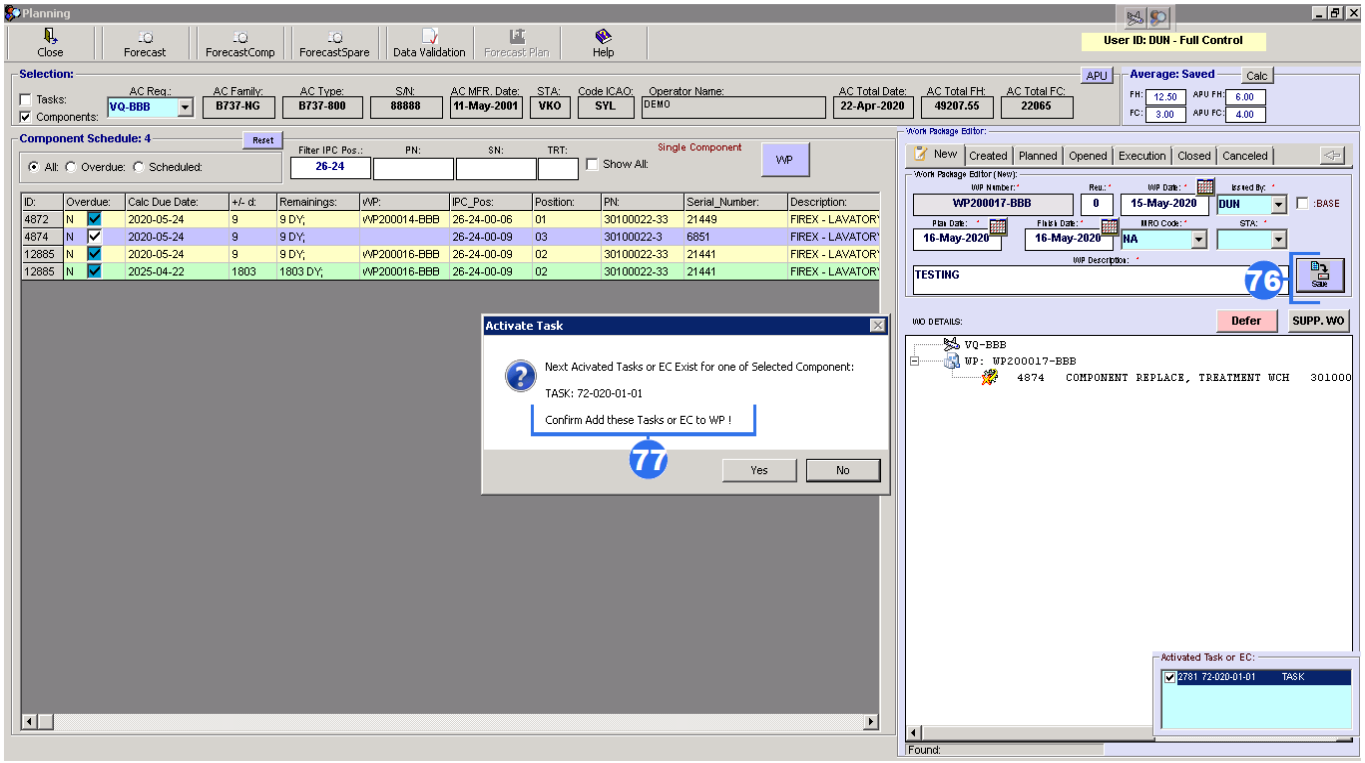
71. Check box Component field to open Component Schedule screen.

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

73. Check box the line with component.

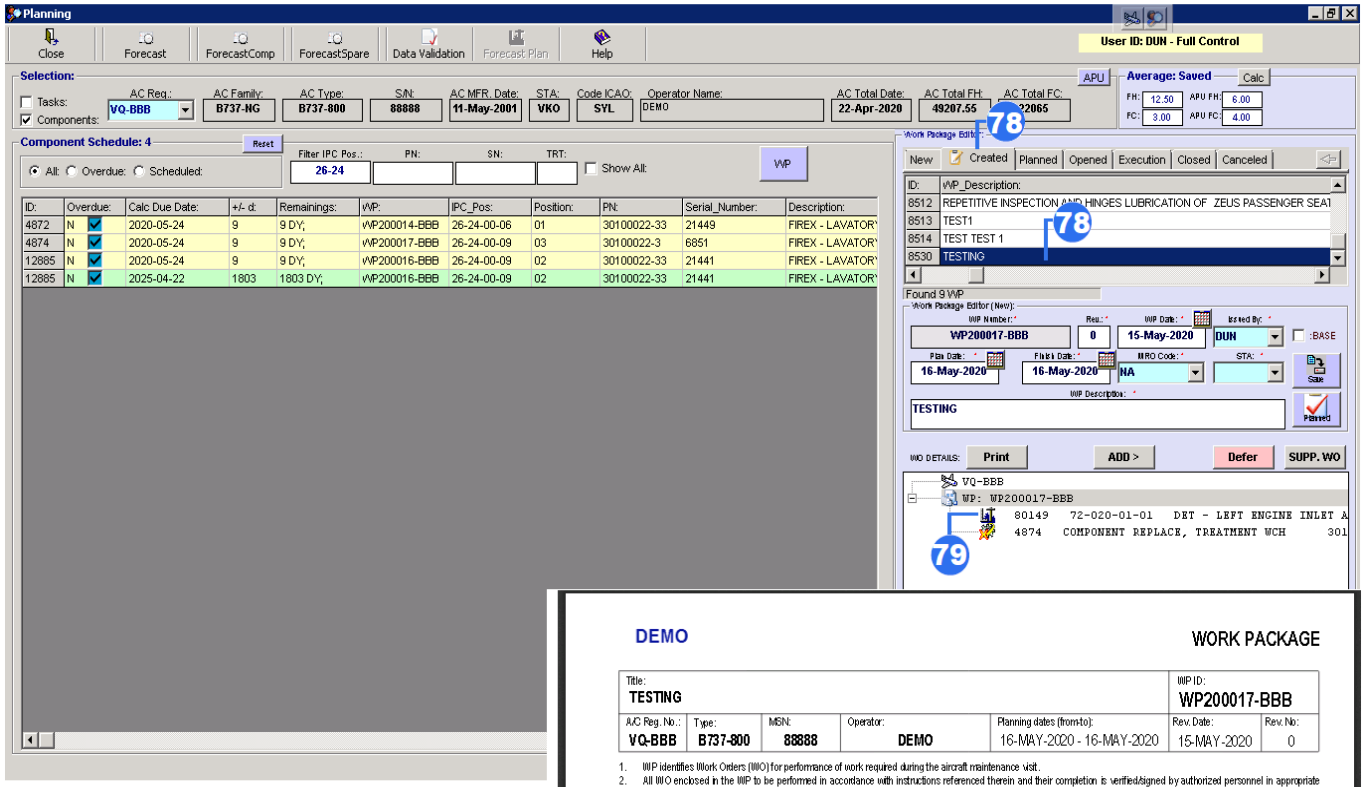
74. Push WP button

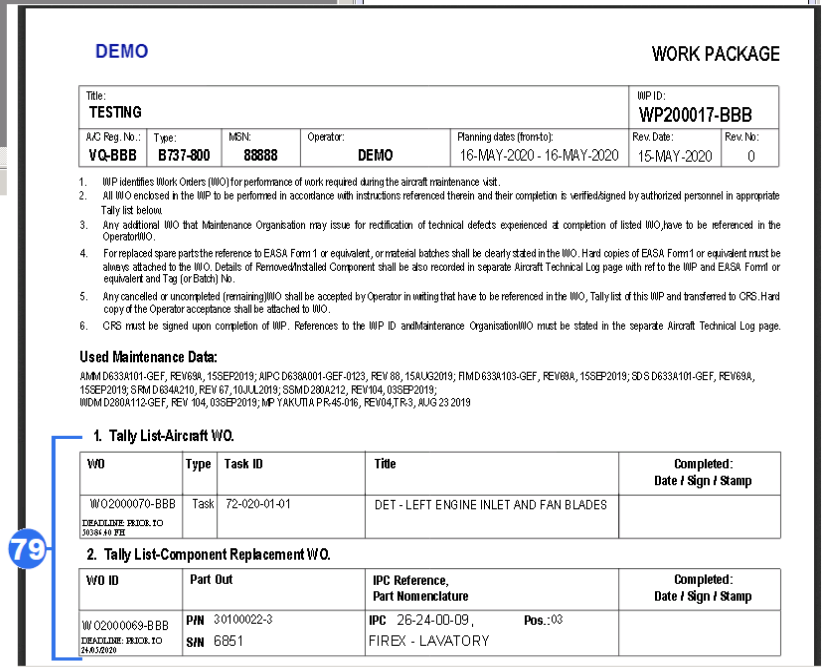
75. You can see window with activated task.



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

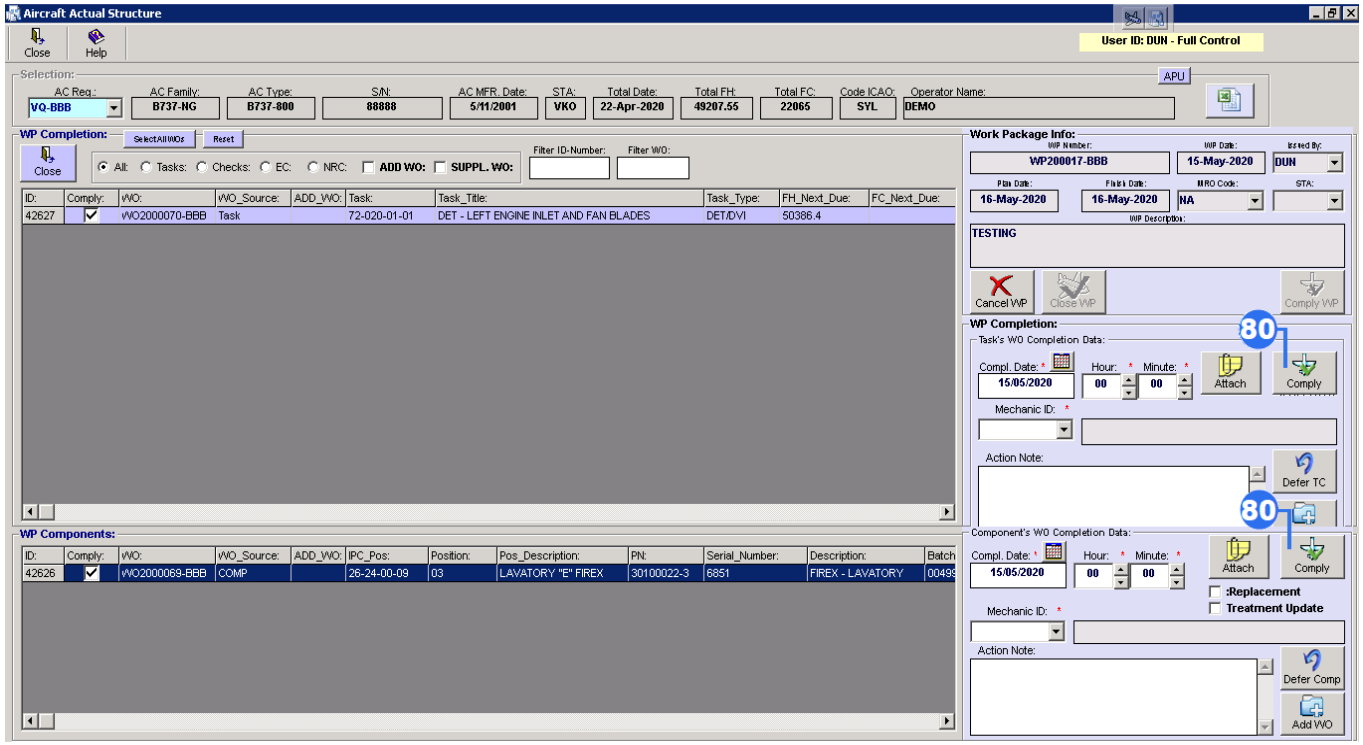
77. “Activate Task” window will appear. Window suggests adding activated task to WP. Push Yes button.





78. Go to the “Created” tab. Select your WP.

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



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

Note: as soon as you complete this task in the Actual module, this task is automatically initialized and appears in the Planning module. This means that there is no need to work with this task in the Initialization module.