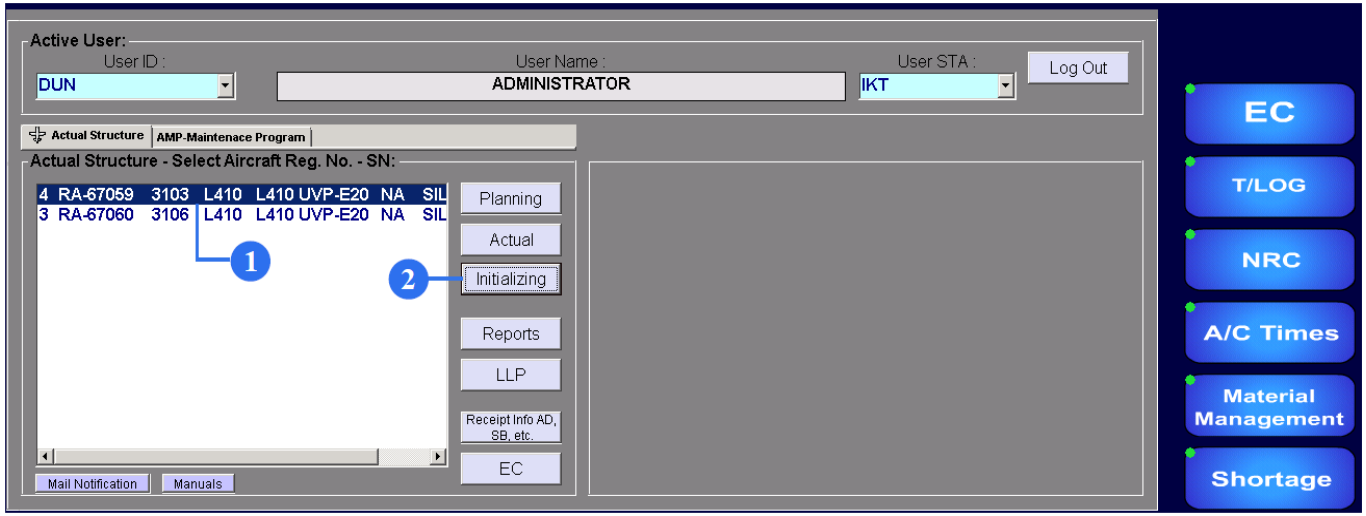
AIRCRAFT’S INIALIZING

User Guidance

Contents

1. General Information

After an Aircraft Maintenance Program creation, that contains a Maintenance Plan with all tasks and their completion intervals, it should be filled in by the actual data (the last task completion, its date/ flight hours and cycles). After all data input and task initializing, the tasks will be transmitted to production (a Planning sub-Module).



To begin to work with Initializing sub-module:

1. Highlight the corresponding type of aircraft.

2. Push on the "Initializing" button.

The user's manual consists of five sections: Aircraft Initializing, Checks Initializing, Component's Position Initializing, Treatments Initializing and EC Initializing.

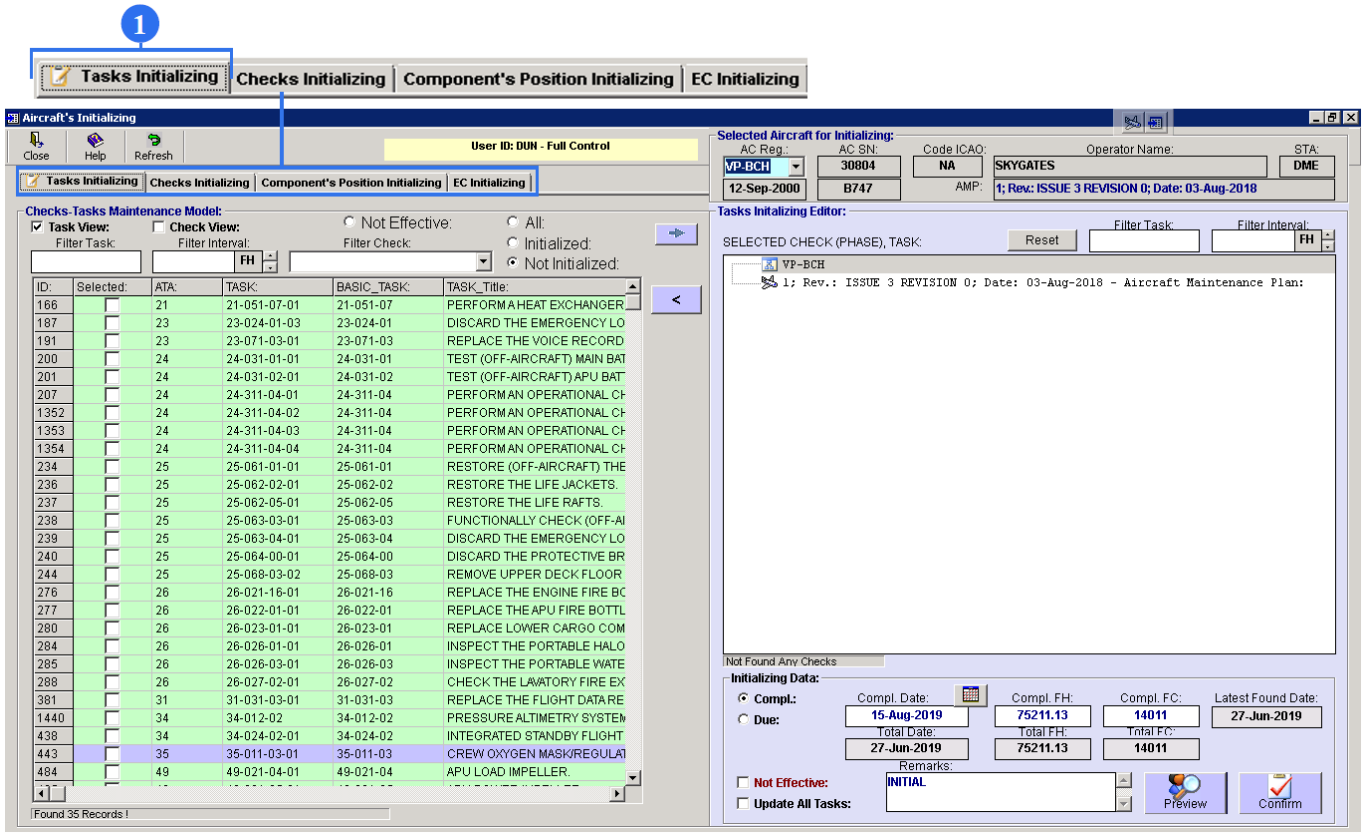
After an Aircraft Maintenance Program creation, that contains a Maintenance Plan with all tasks and their completion intervals, it should be filled in by the actual data (the last task completion, its date/ flight hours and cycles). After all data input and task initializing, the tasks will be transmitted to production (a Planning sub-Module).

Checks Initializing tab allows initializing aircraft checks in accordance with the selected AMP, Maintenance Model. The process is quite the same as tasks initializing. After all actual data input and checks initializing, the checks will be transmitted to production (a Planning sub-Module).

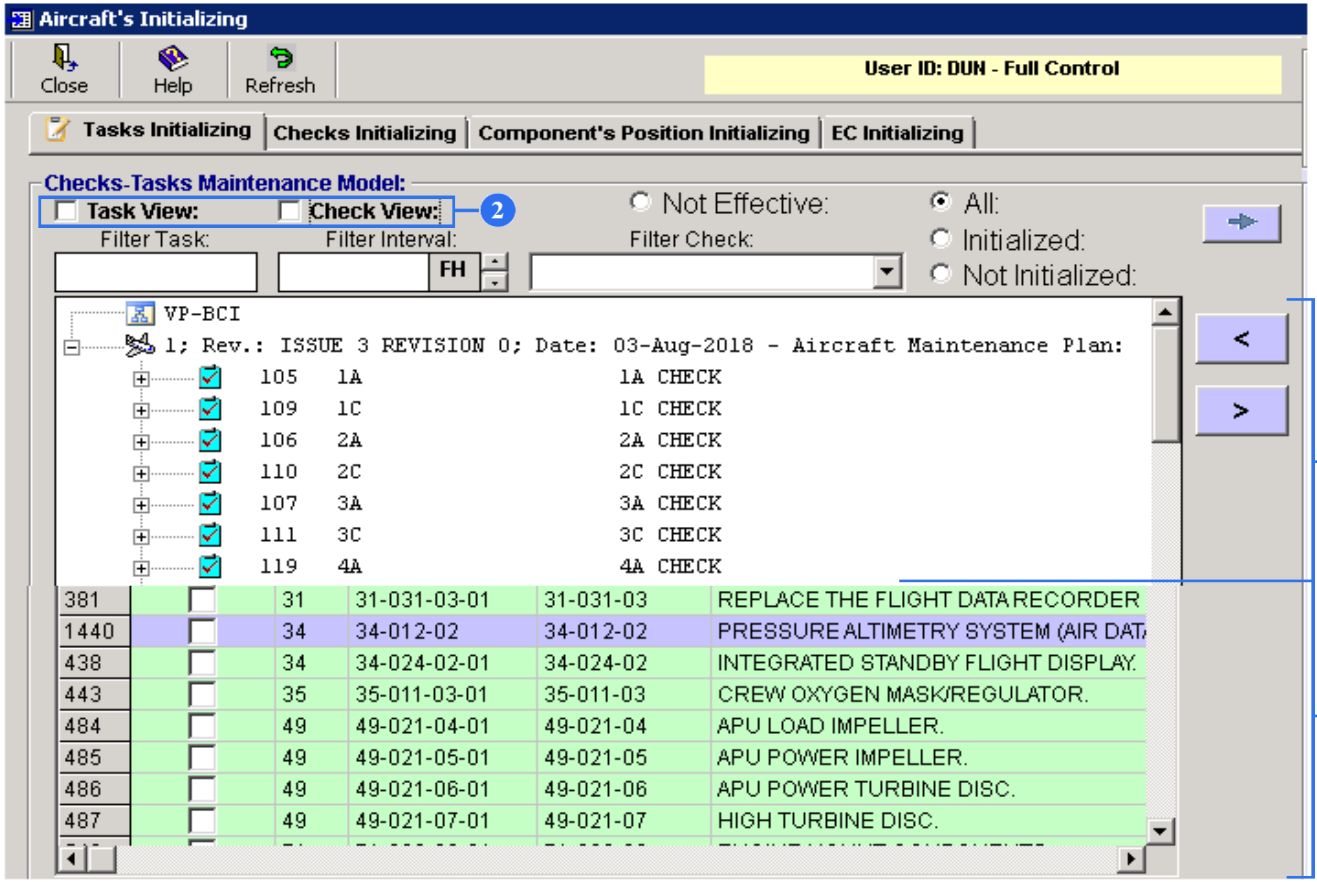
Component Position Initializing tab allows initializing all aircraft components, including hard-time components, that constitute the selected Aircraft Maintenance Program (AMP) After the process of initialization, all components (hard-time and not hard-time) will be transferred to the Planning sub- Module and to the Actual sub-Module.

Engineering Controls Initializing tab allows initializing ECs. The process is quite the same as tasks initializing. After all actual data input and ECs initializing, the hard-time ECs will be transmitted to production (a Planning sub- Module), not hard-time ECs will be transferred to an Actual sub-Module.

2. Aircraft's Initializing



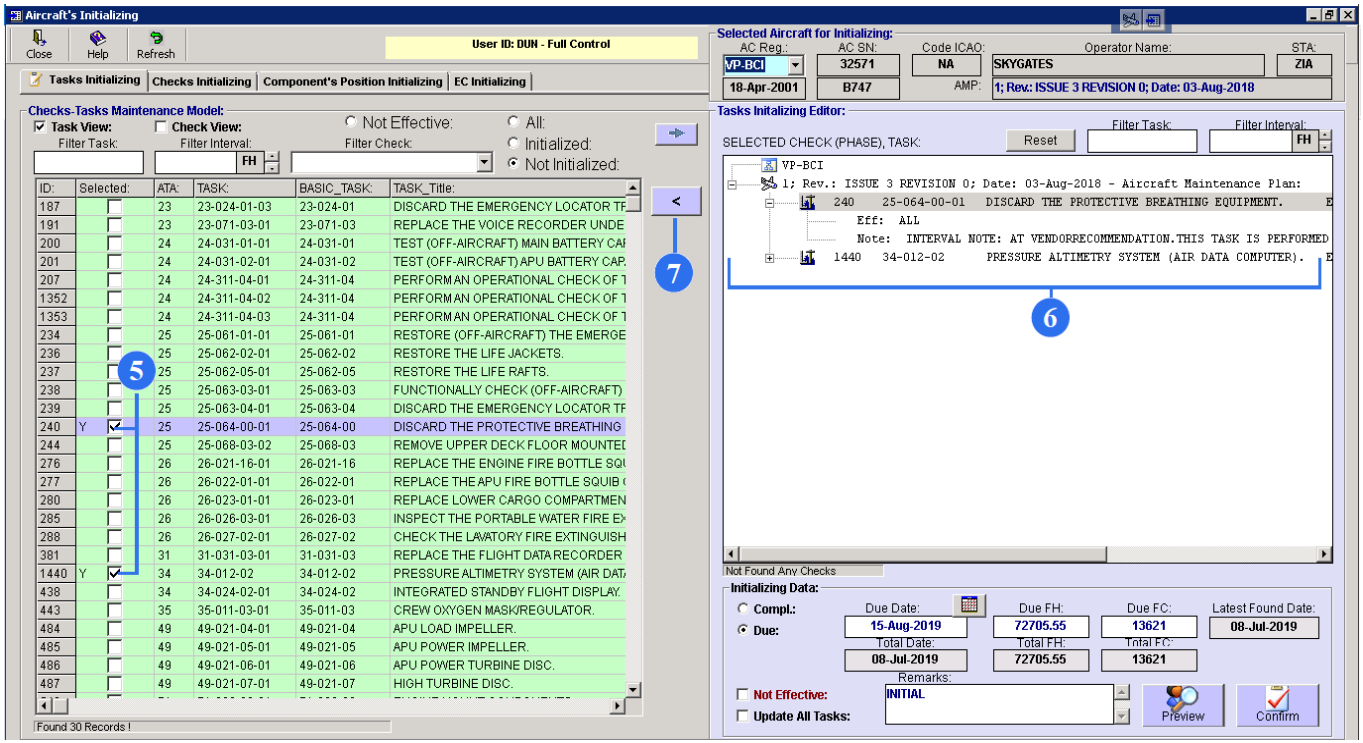
1. To open "Checks-Tasks Maintenance Model" screen click on the Tasks Initializing.



2. If you prefer to work with task view, select the 'Task View' check box. If you prefer to work with the check view, select the 'Check View' check box.

3. Check view.

4. Task view.

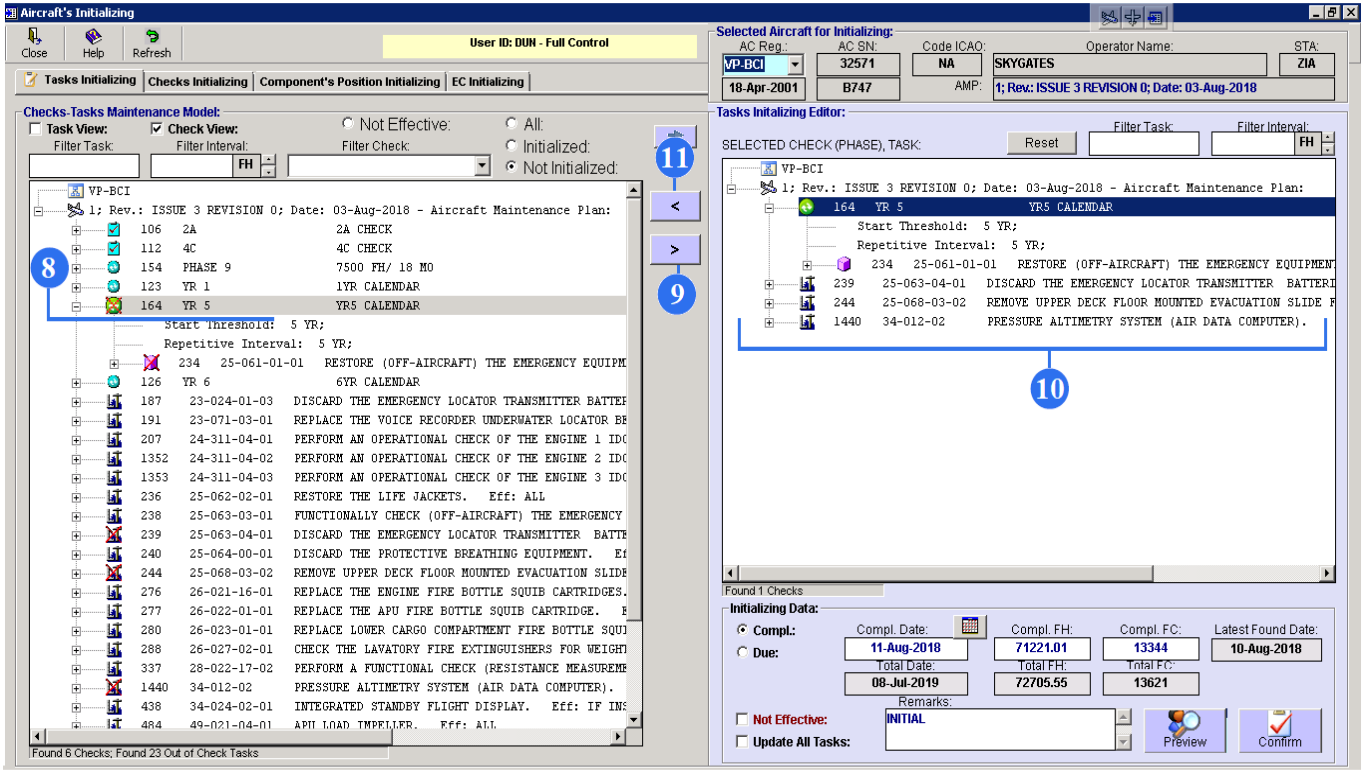


IF YOU SELECT TASK VIEW.

5. To transfer necessary tasks to Task Initializing Editor check the boxes for the necessary tasks.

6. After tick installation tasks will appear in the Tasks Initializing Editor.

7. To remove task from editor it is necessary to highlight the task and push on the button with a tick to the left.



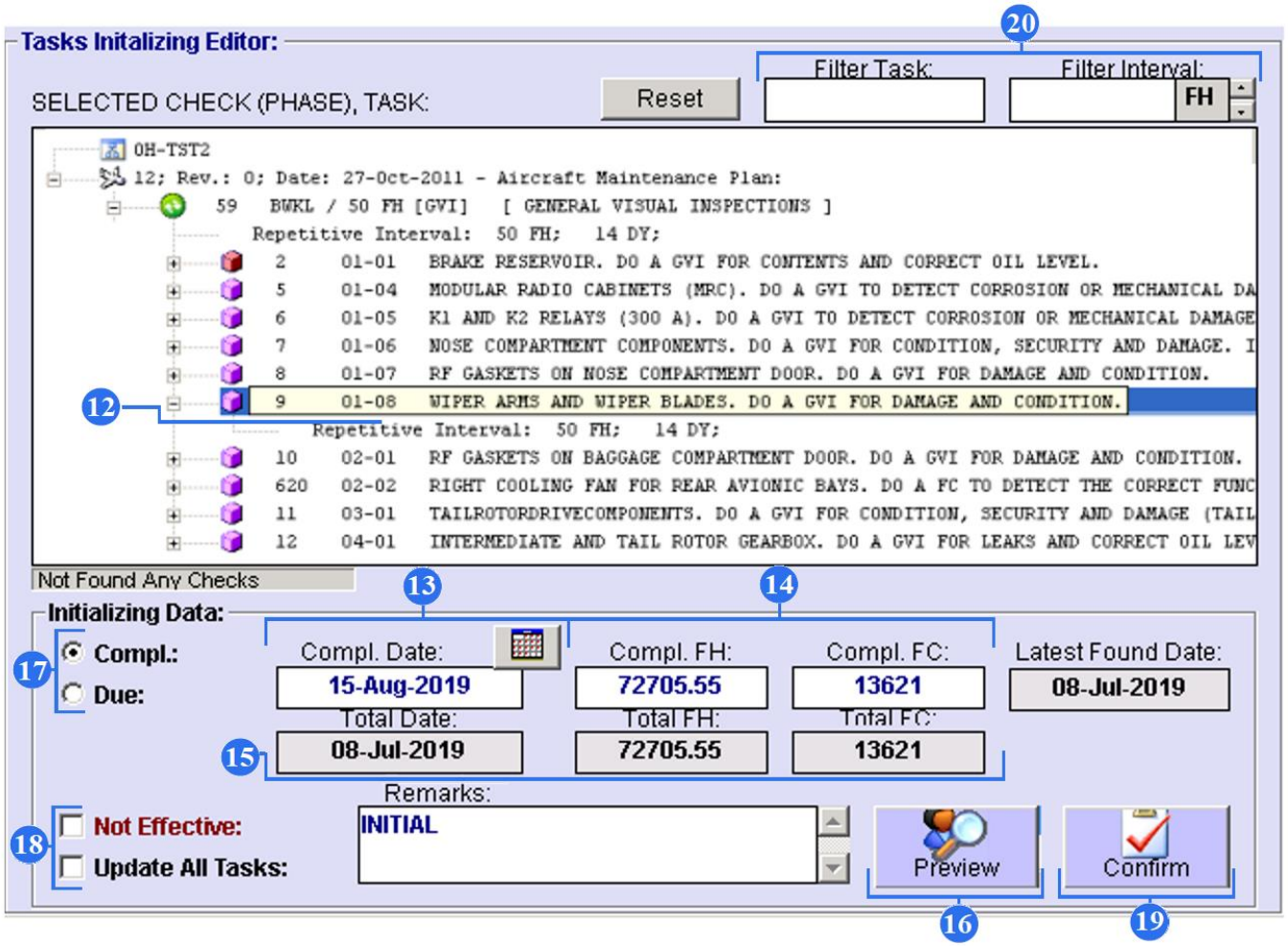
IF YOU SELECT CHECK VIEW

8. To transfer necessary tasks to Task Initializing Editor highlight the task.

9. Push on the button with a tick to the right.

10. The corresponding task will appear in the Tasks Initializing Editor.

11. To turn back the task highlight it in the editor and push on the button with tick to the left.



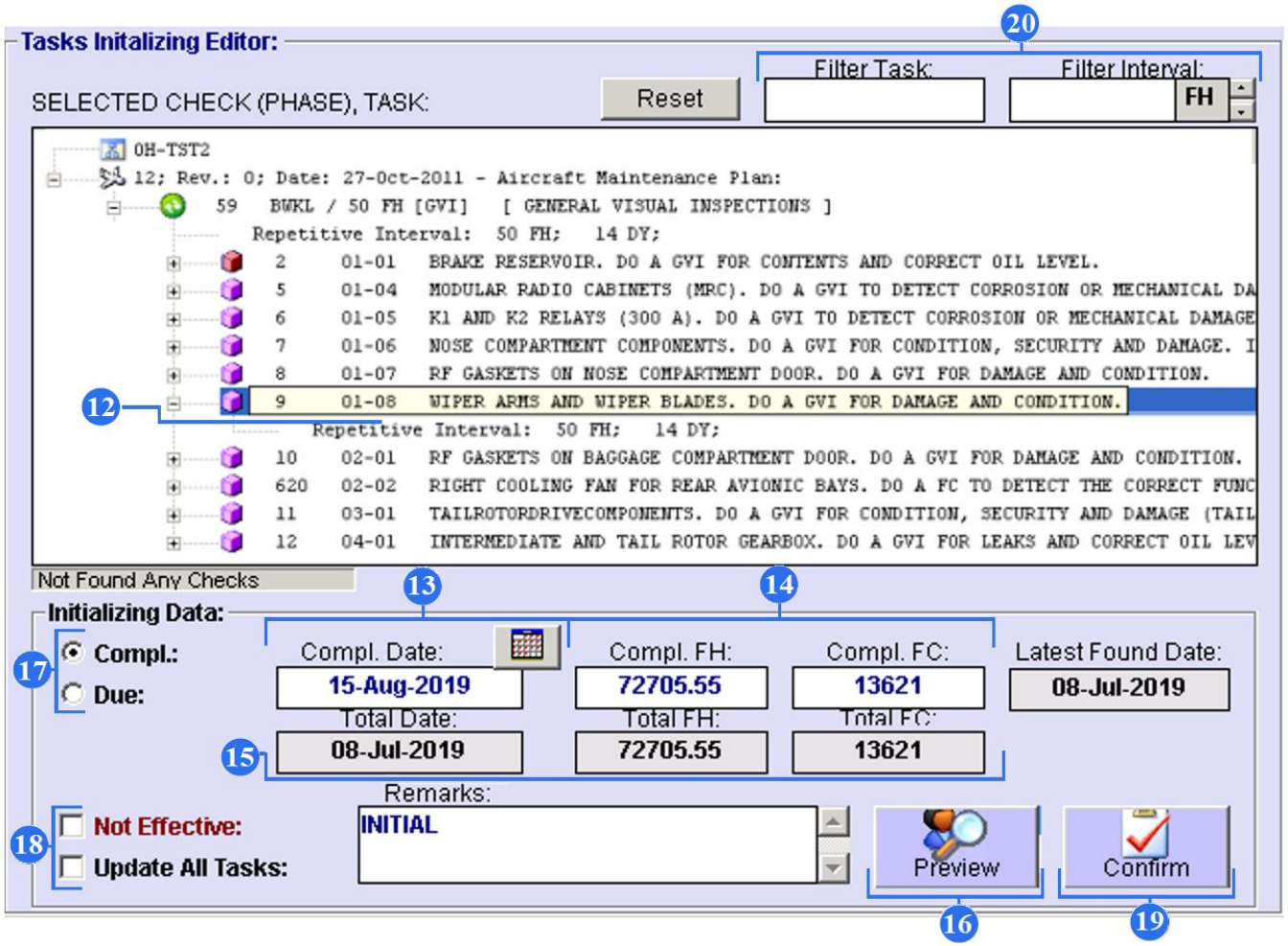
12. Select tasks' check boxes and provide actual data for each task in the Initializing Data Editor. The Task Initializing Editor displays the Maintenance Plan.

13. Enter the last date of task completion.

14. Input an amount of Flight Hours/ Cycles of the last task execution.

15. Total Date/ Total Aircraft Flight Hours and Cycles will be entered by default (the information is taken from the AC Times sub module).

16. If you want to view date/intervals of the next time of task completion, select the task from the list on the left side of the screen and click on the "Preview" button.



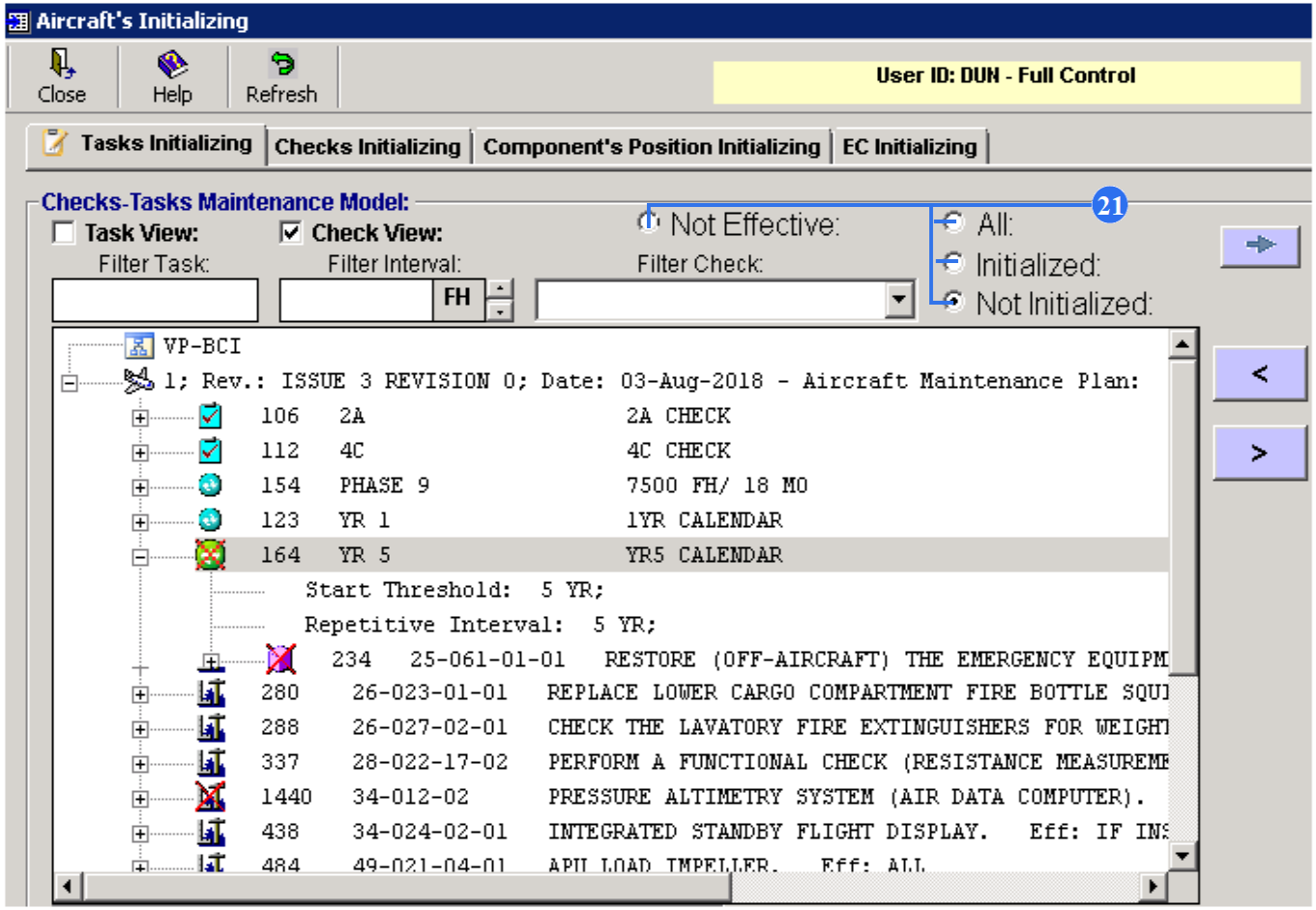
17. If a date of the last task completion is unknown, it is possible to appoint a date of the next task completion. For this action select the 'Due' check box and enter a date/FH/FC of the next task completion. All overdue tasks will be red-coloured in the Task Initializing Preview editor and should be executed urgently.

18. If some tasks are not effective for the aircraft, select the 'Not Effective' check box.

19. Click on the "Confirm" to save the data.

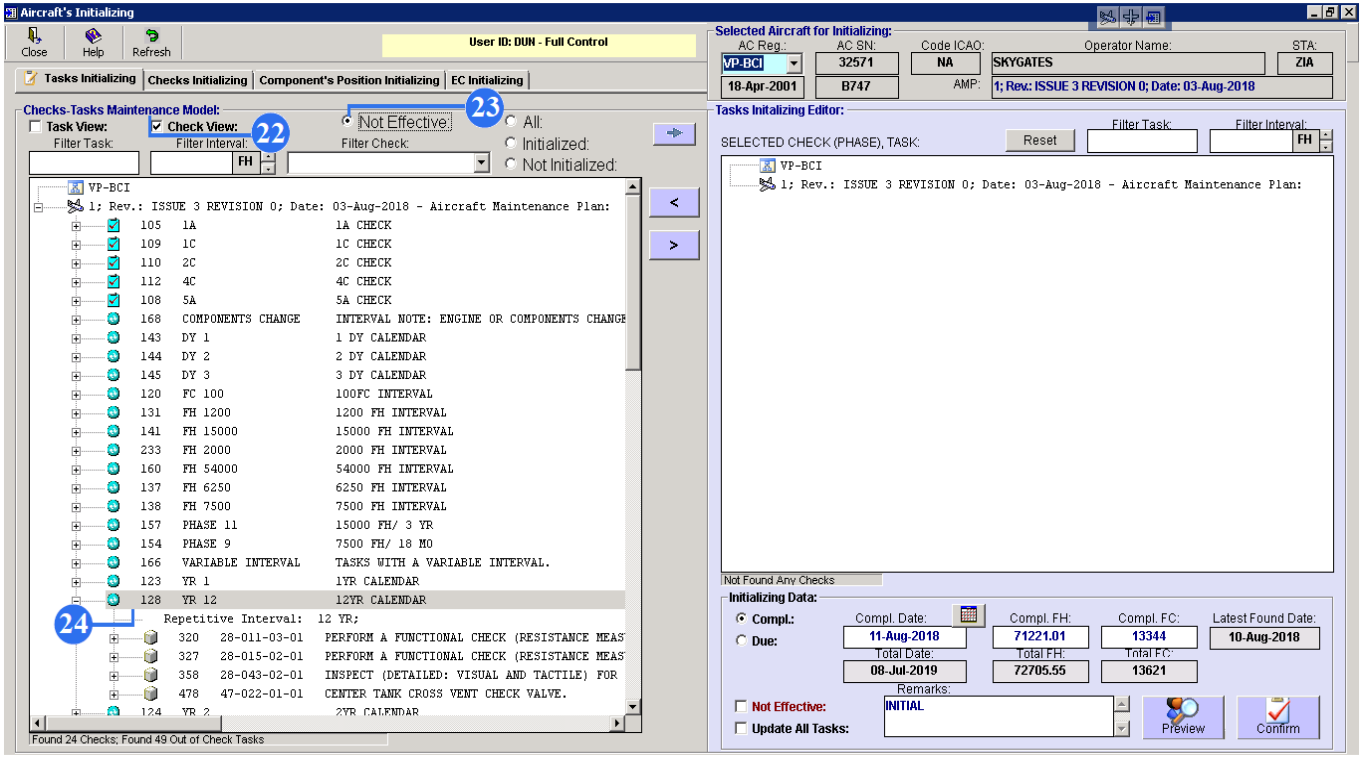
20. To find a necessary task in the Task Initializing Editor, use filters:

- Task Filter
- Interval Filter



21. Use filters to find necessary tasks:

- Task Filter
- Interval Filter
- Check Filter
-Not Effective tasks Filter
- All tasks Filter
-Initialized tasks filter
-Not Initialized tasks Filter



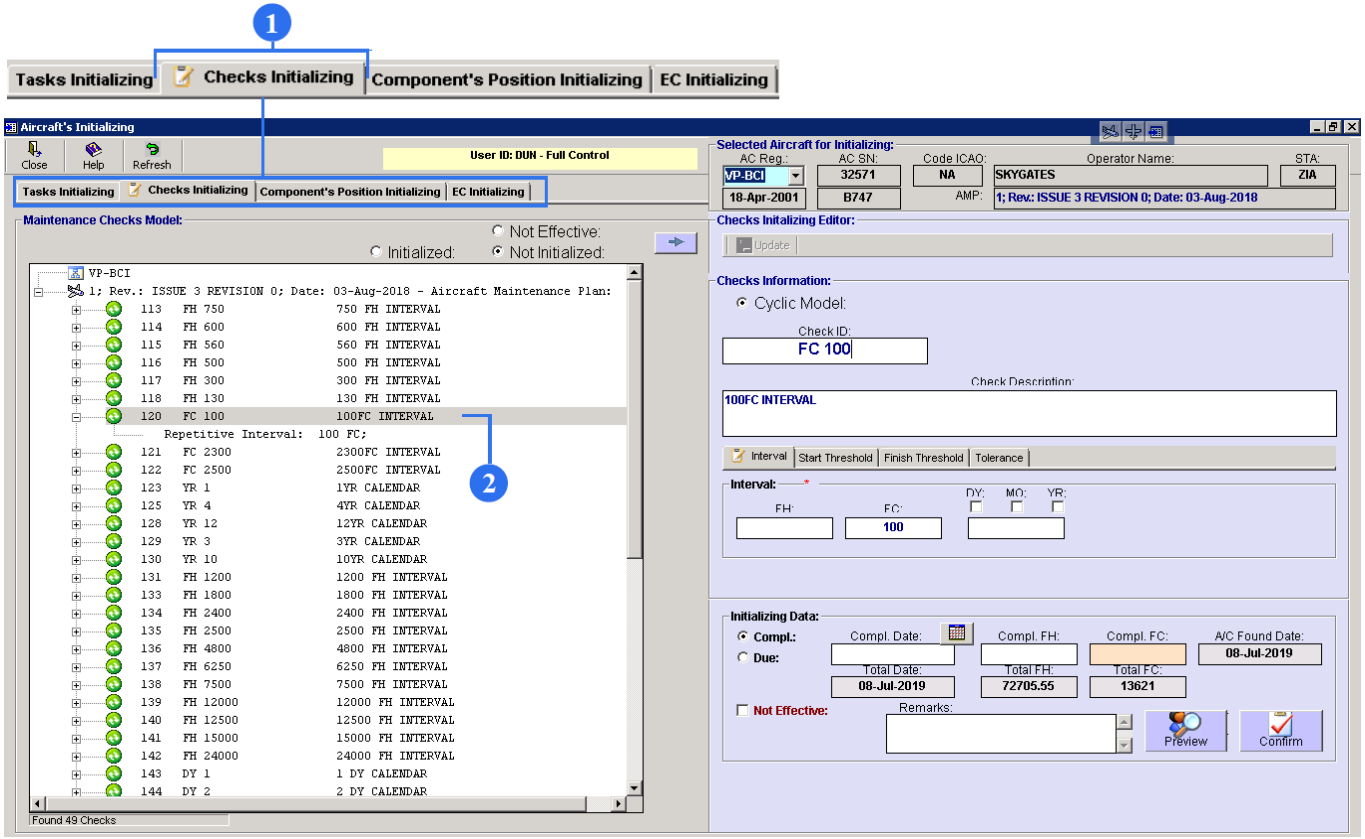
22. To remove Not Effectivity task select Check View. (it is possible only in this view).

23.Tick the "Not Effective" field to quick find the task.

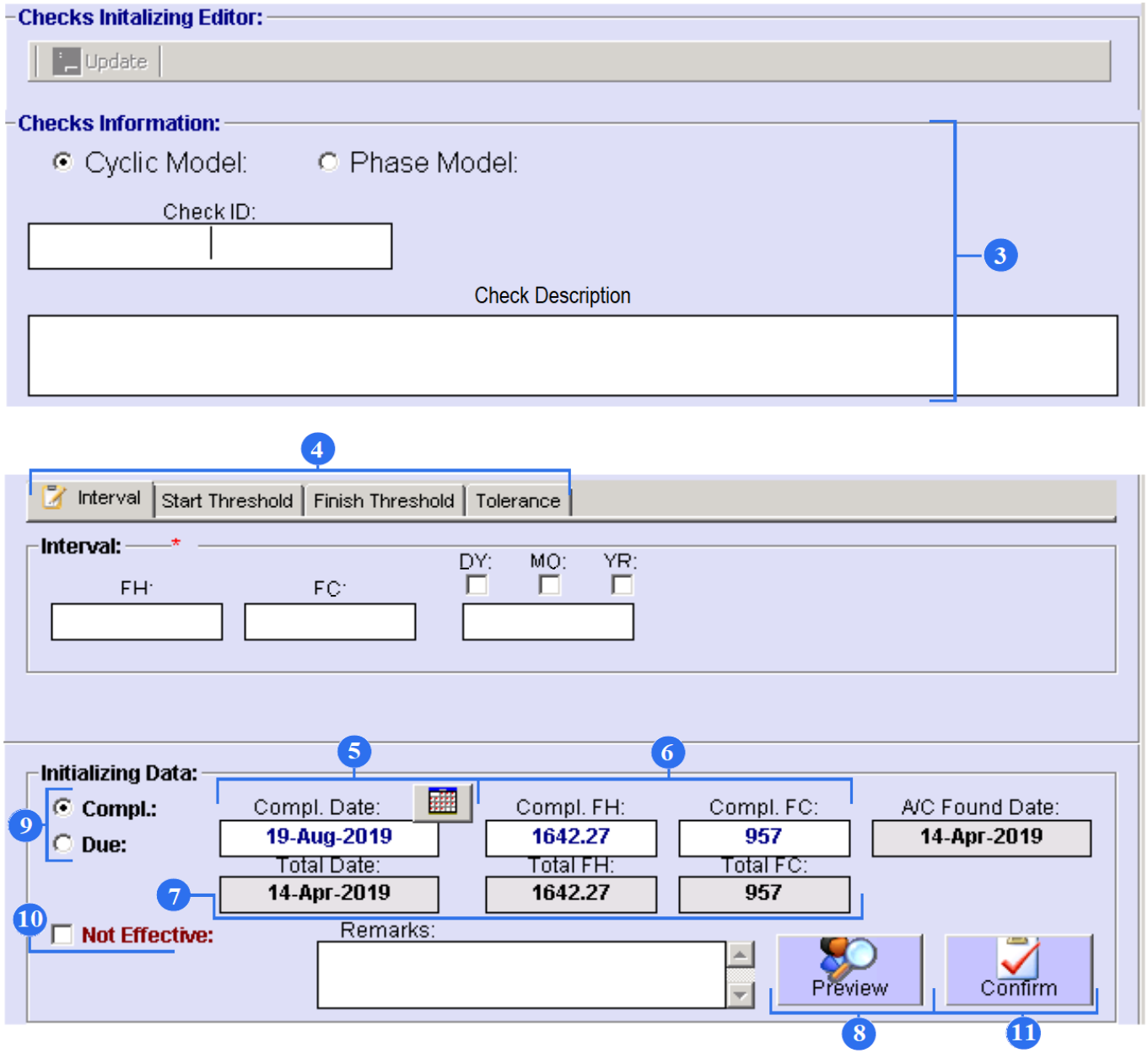
24. Highlight the line and push on the "Delete" button on your own keypad.

3. Checks Initializing

Checks Initializing tab allows initializing aircraft checks in accordance with the selected AMP, Maintenance Model. The process is quite the same as tasks initializing. After all actual data input and checks initializing, the checks will be transmitted to production (a Planning sub-Module).



1. To open Maintenance Check Model screen click on the Checks Initializing.
2. Select a check from the Maintenance Model.



3. Select type of the model (Cycle or Phase). Check ID will automatically appear. If it is necessary enter description.

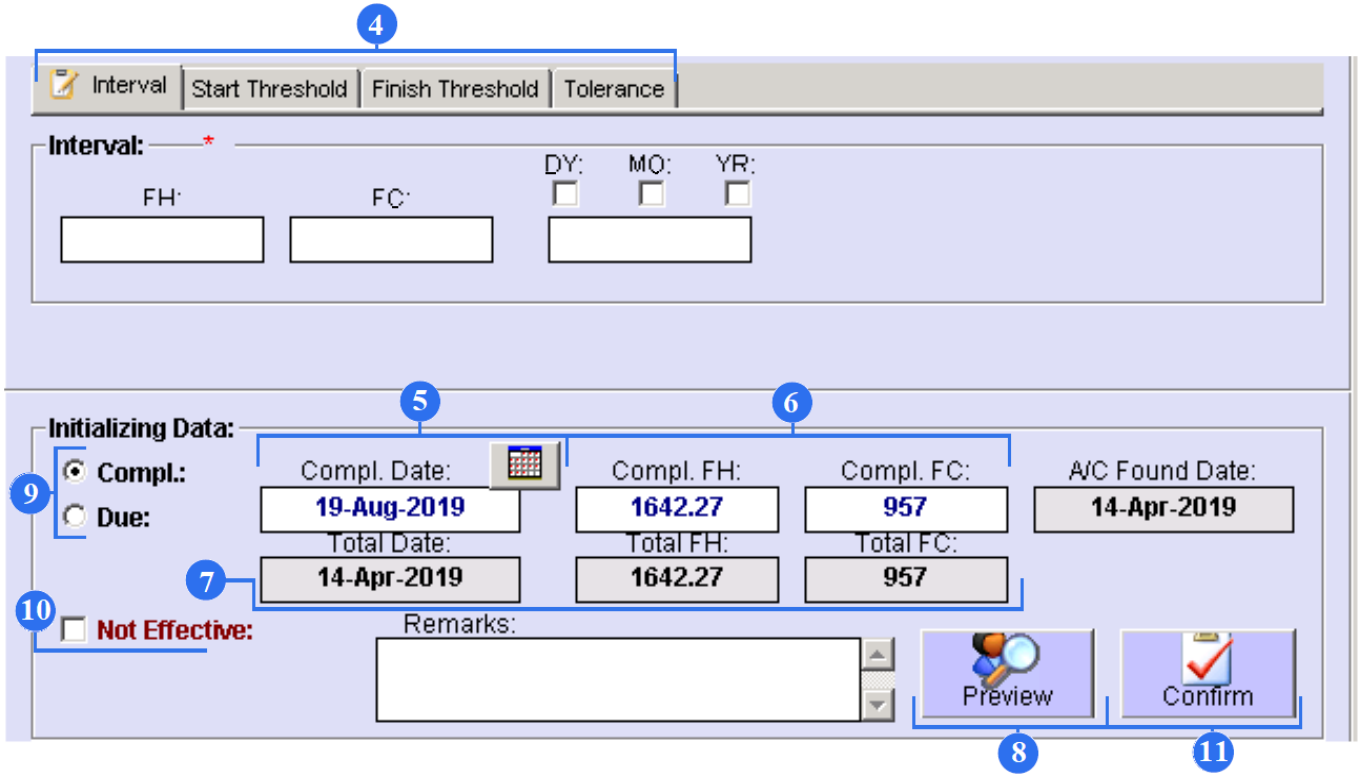
4. "Interval", "Start Threshold", "Finish Threshold", "Tolerance" tabs are automatically filled. This data is taken from the AMP submodule.

5. Enter the last date of task completion.

6. Input an amount of Flight Hours/ Cycles of the last task execution.

7. Total Date/ Total Aircraft Flight Hours and Cycles will be entered by default (the information is taken from the AC Times sub module).

8. If you want to view date/intervals of the next time of check completion, select the check from the list on the left side of the screen and click on the "Preview" button.



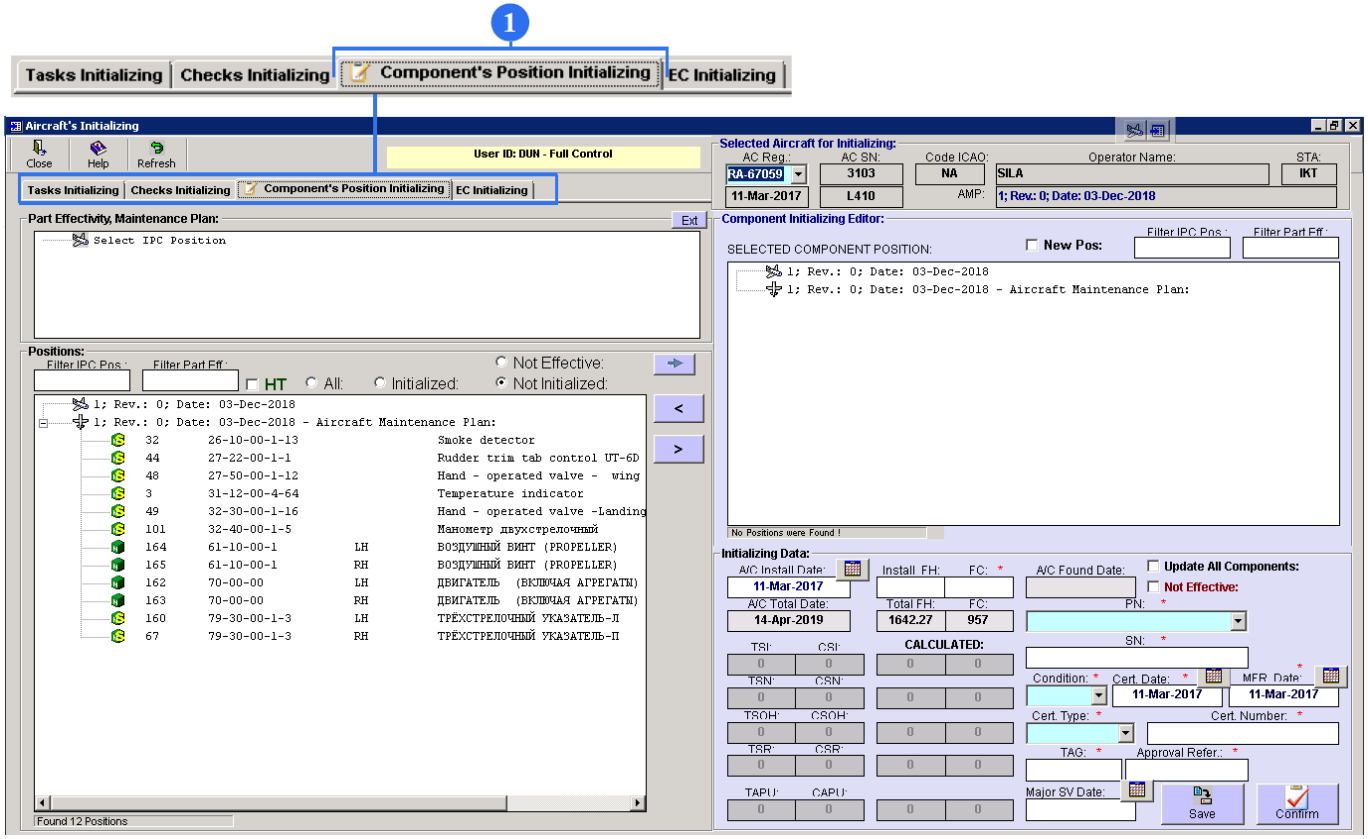
9. If a date of the last check completion is unknown, it is possible to appoint a date of the next check completion. For this action select the 'Due' check box and enter a date/FH/FC of the next check completion.

10. If some checks are not effective for the aircraft, select the 'Not Effective' check box.

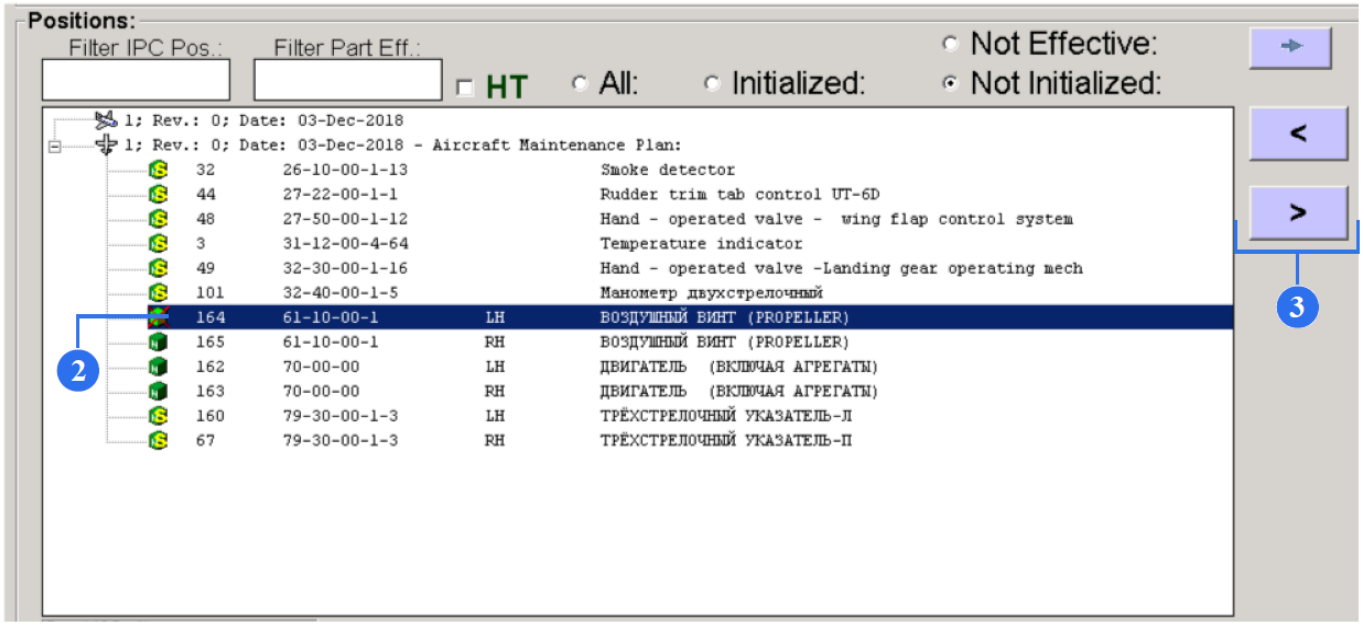
11. Click on the "Confirm" to save the data.

4. Component's Position Initializing

Component Position Initializing tab allows initializing all aircraft components, including hard-time components, that constitute the selected Aircraft Maintenance Program (AMP) After the process of initialization, all components (hard-time and not hard-time) will be transferred to the Planning sub- Module and to the Actual sub-Module.



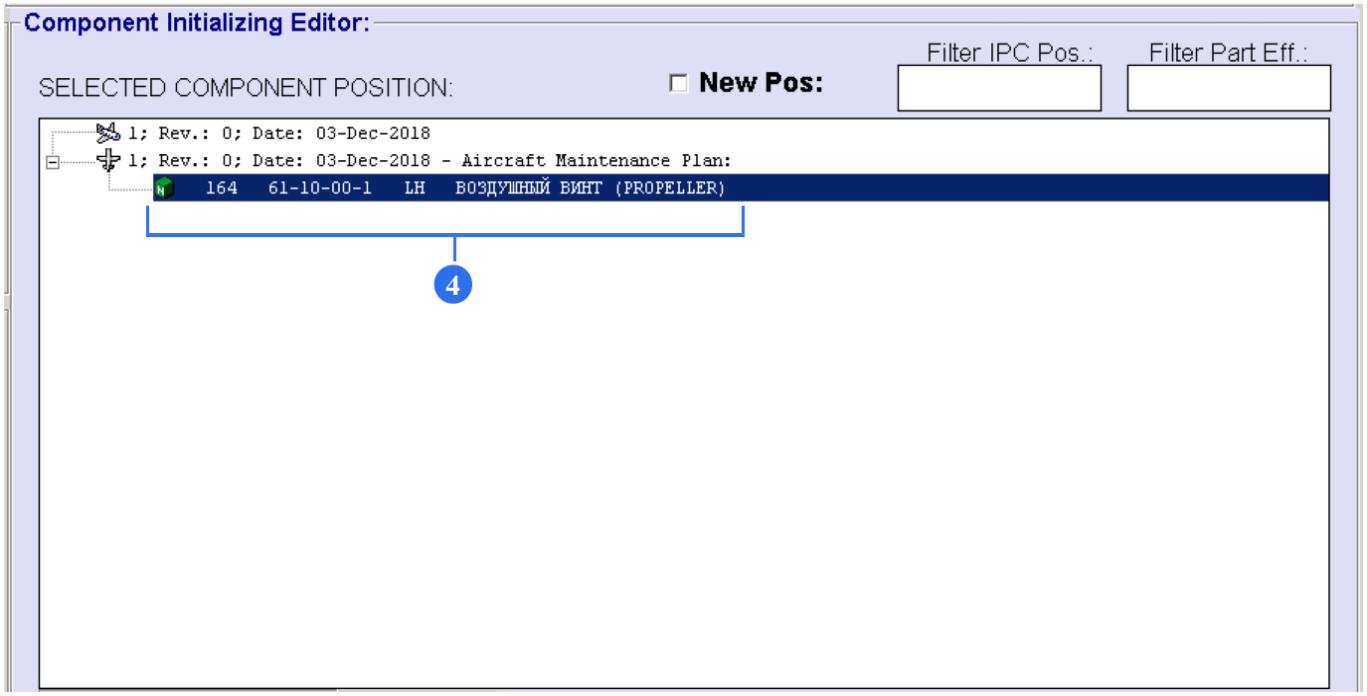
1. To open Part Effectivity, Maintenance Plan screen click on the Component's Position Initializing.



2. From the whole list of the Positions window select a necessary component.

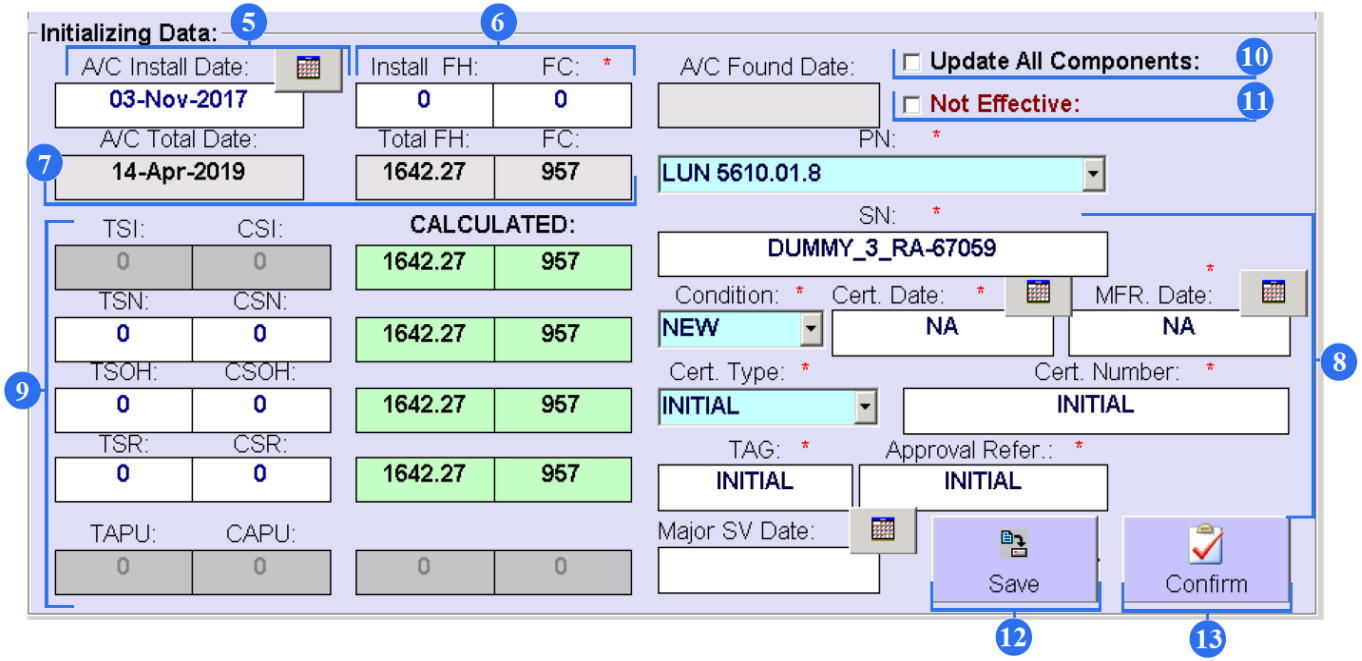
3. Push on the button with needle to right. It allows to transfer component to the Component Initializing Editor.

Hard-time components are marked with H-cubes



4. On the Component Initializing Editor selected component will be displayed.

Highlight the line.



5. In the Initializing Data editor enter the component installation date.

6. Input an amount of aircraft Flight Hours/ Cycles at the moment of installation.

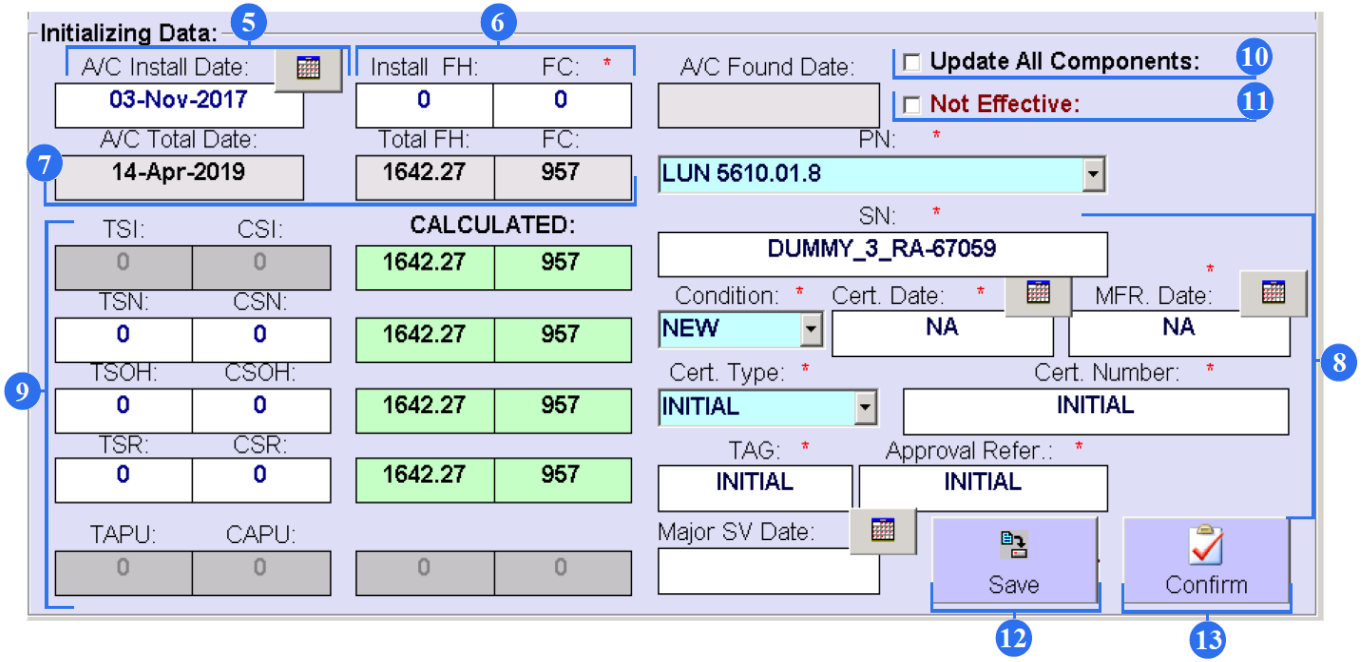
7. Total Date/ Total Aircraft Flight Hours and Cycles will be entered by default (the information taken from the AC Times sub-module).

8. Enter a component Serial Number, component Condition, a Certificate Type and Certification/Manufacture Dates, a Certificate Number, Tag and an Approval Reference.

9. Enter TSN/CSN, TSOH/CSOH, TSR/CSR.

The System will atomically calculate current times of the component.

10. If you work with a component that includes several sub-components, you can initialize the whole multiplex component without input data for each component by selecting the 'Update All Components' check box.

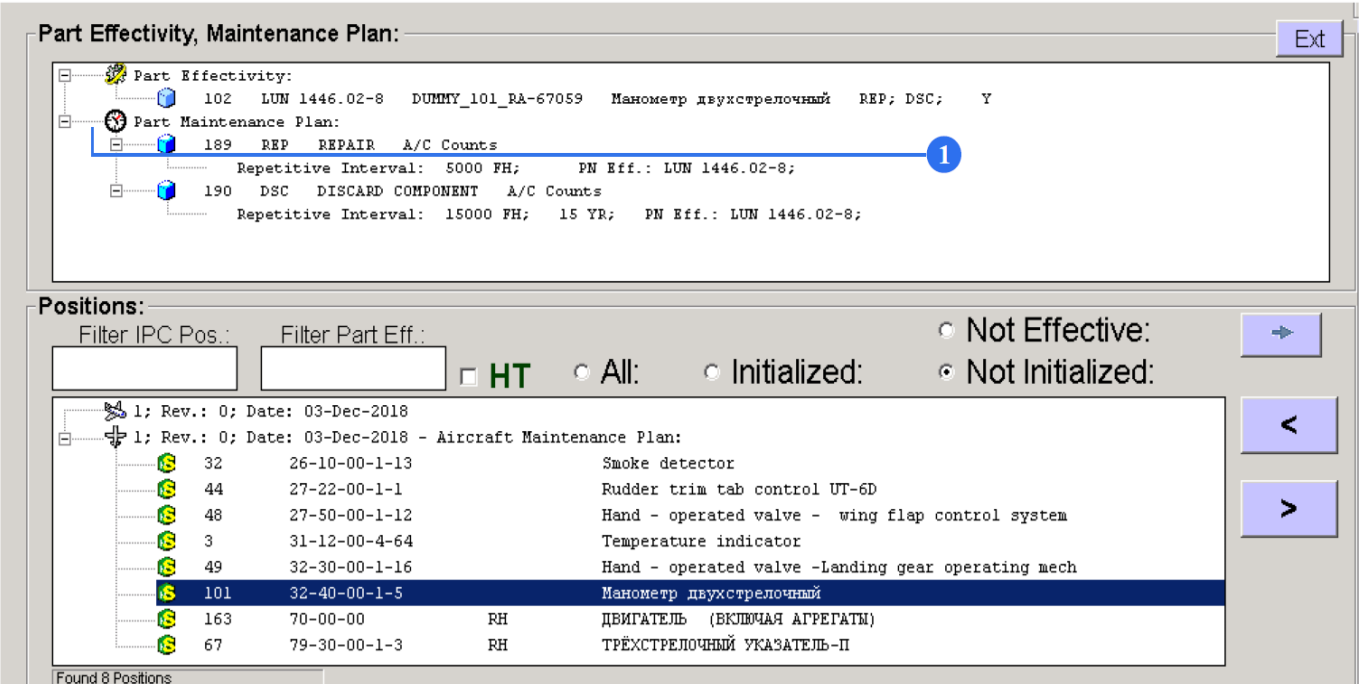


11. Select the 'Not Effective' check box, if the component is not applicable to the aircraft.

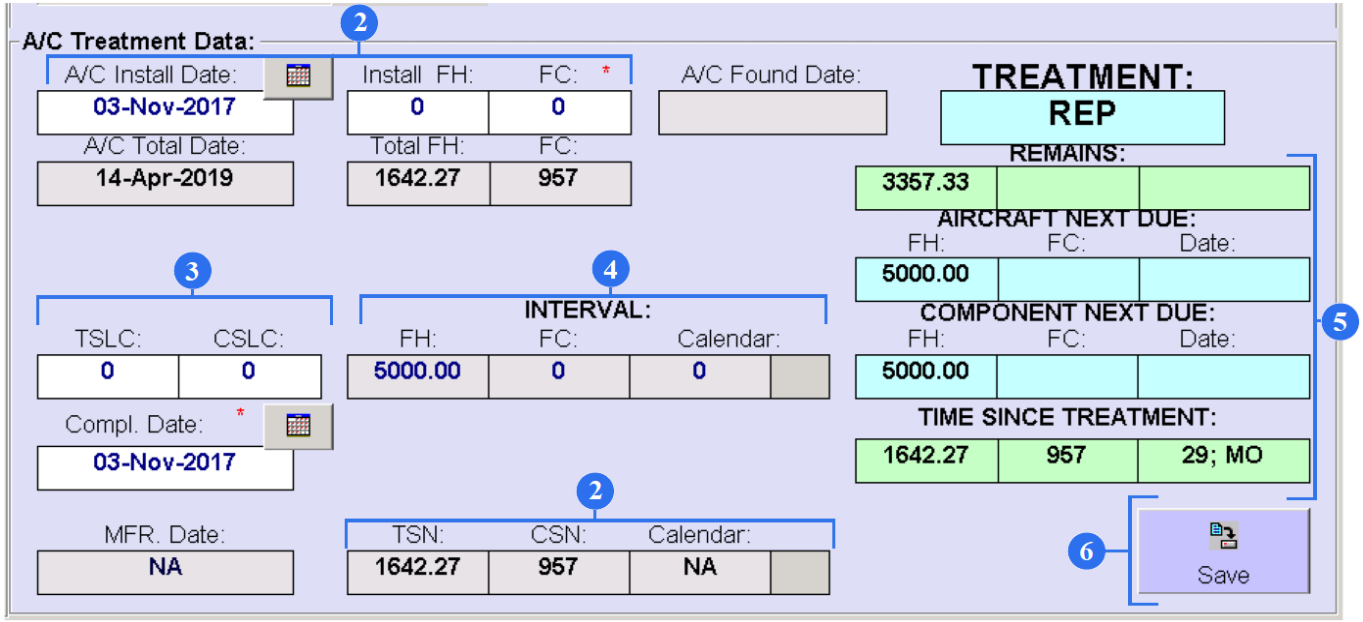
12. To save all data, click on the Save button.

13. To transmit the component to production, click on Confirm button.

4.1. Treatments Initializing



1. Treatments of hard-time components should be also filled by actual data. Click on the 'Maintenance Plan' to open a Treatment Data Editor.



2. The installation date, Flight Hours/ Cycles at the moment of installation, Time/Cycles Since New (TSN/CSN) will be the same as in the Initializing Data editor.

3. Type the TSLC/CSLC and Completion Date.

4. Interval fields are taken from the Aircraft Maintenance Program.

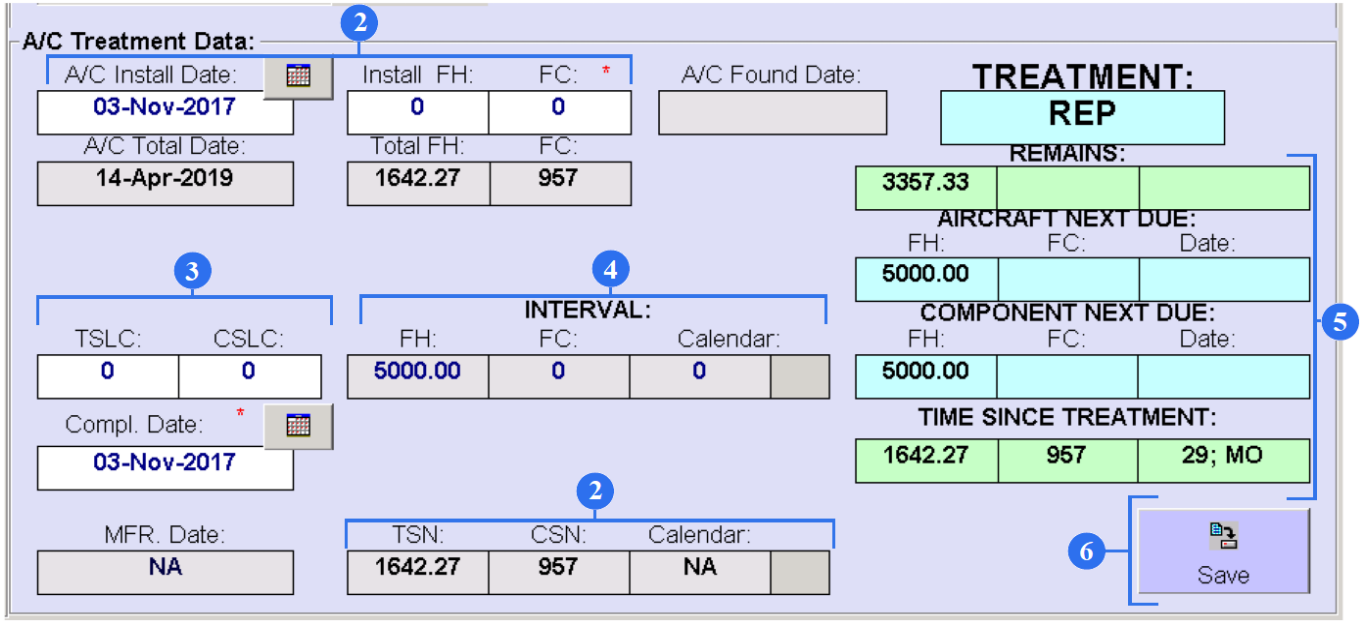
5. Time of the next treatments will be calculated by the system automatically.

You can view the next time of aircraft treatment in the 'Aircraft Next Due' field.

FH = Total FH + FH Interval;

To view the next time of component treatment in the 'Component Next Due' field.

FH = TSN (time since new) + FH Interval;



Or, in case of having the last completion date:

FH = TSLC (time since last completion) + FH Interval.

'Time Since Treatment' field calculated in the following way:

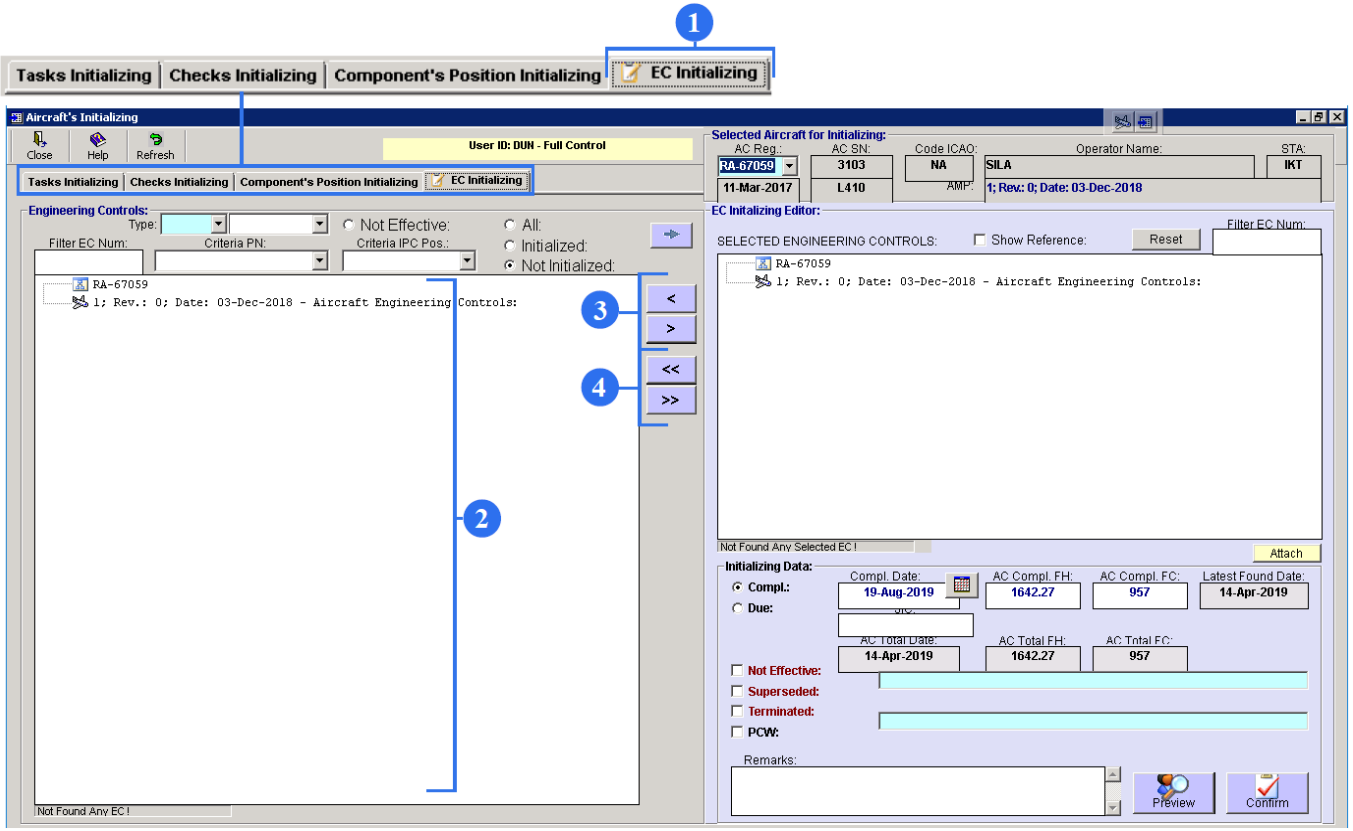
FH: Total FH - Installation FH

Date: Total Date (or Today's Date) – Completion Date

If some fields turn red, it means that some data was entered incorrectly. Check an amount of flight hours/cycles and dates.

6. To save all data, click on Save button. After that, the component turns blue.

5. EC Initializing

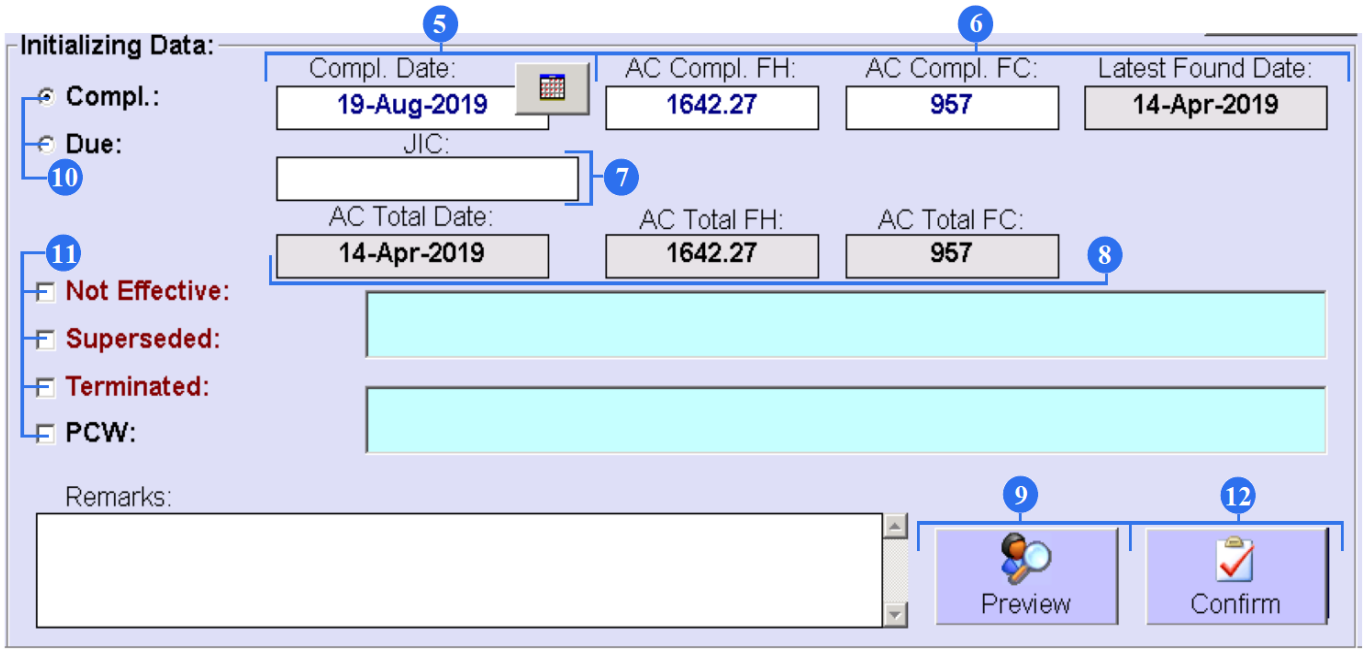


1. To open Engineering Controls screen push on the EC Initializing.

2. Select a check from the list of Engineering Controls

3. Click on the button with one needle to right to add the EC to the editor. If you want to transfer back, click on the button with one needle to the left.

4. To add all ECs, use buttons with double needle to left and to right.



5. In the EC Initialization Editor enter the last date of EC execution.

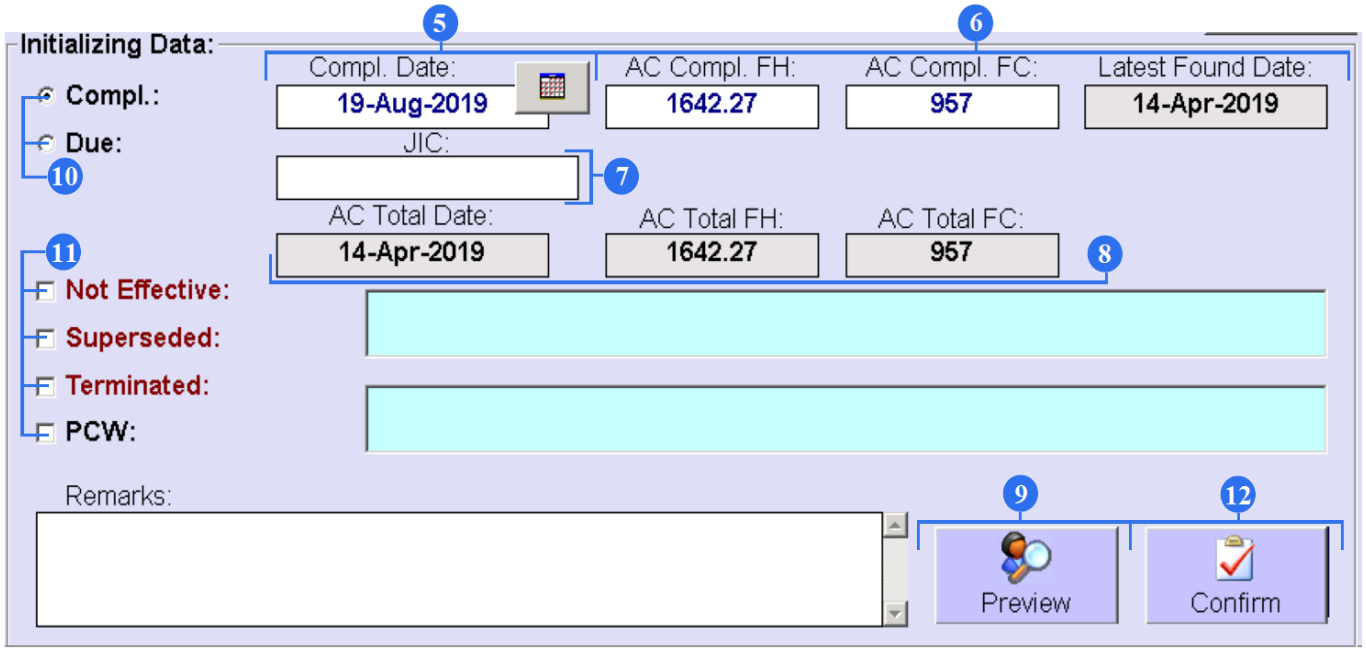
6. Input an amount of Flight Hours/ Cycles of the last EC execution.

7. Enter JIC, if it is necessary.

8. Total Date/ Total Aircraft Flight Hours and Cycles will be entered by default (the information taken from the AC Times sub-module).

9. If you want to view date/intervals of the next EC completion, highlight it and click on the "Preview".

10. If a date of the last task completion is unknown, it is possible to appoint a date of the next task completion. For this action select the 'Due' check box and enter a date/FH/FC of the next task completion. Overdue ECs will be red-coloured in the 'Task Initializing Preview' editor and should be executed urgently.



11. Make remarks and select criteria of the EC:

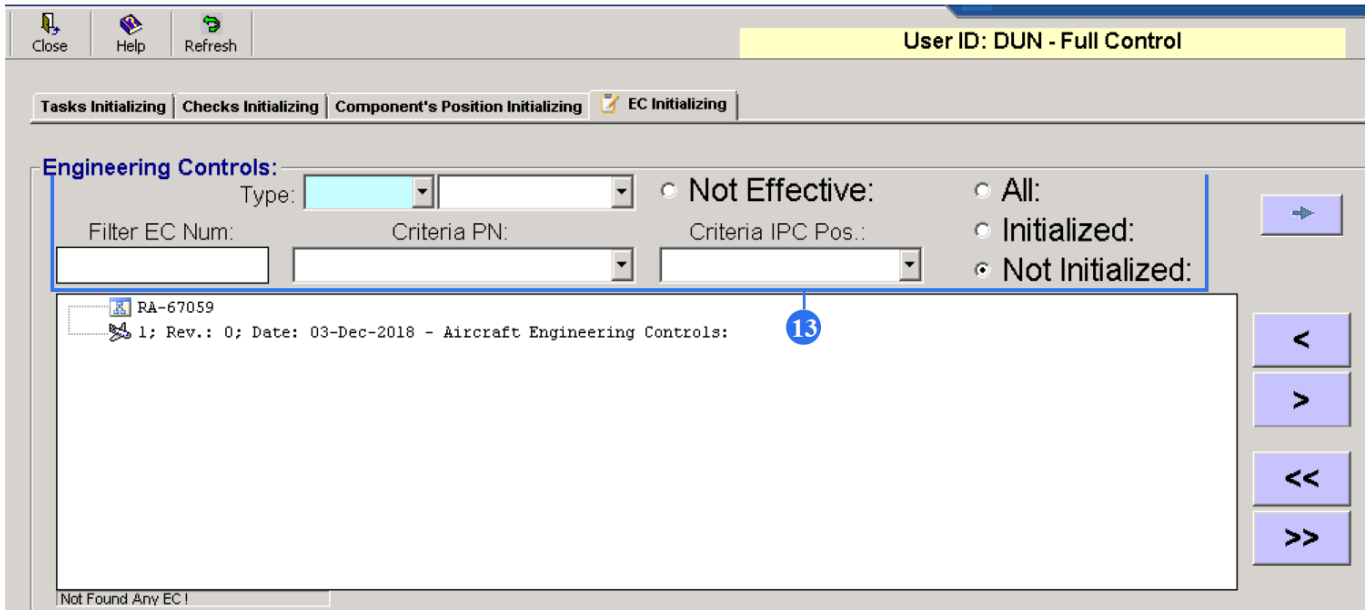
- not effective

- cancelled

- superseded

- factory complied.

12. Click on the "Confirm" data to save data.



13. Use these filters to find a necessary EC.