

AIRCRAFT'S INITIALIZING

User Guidance

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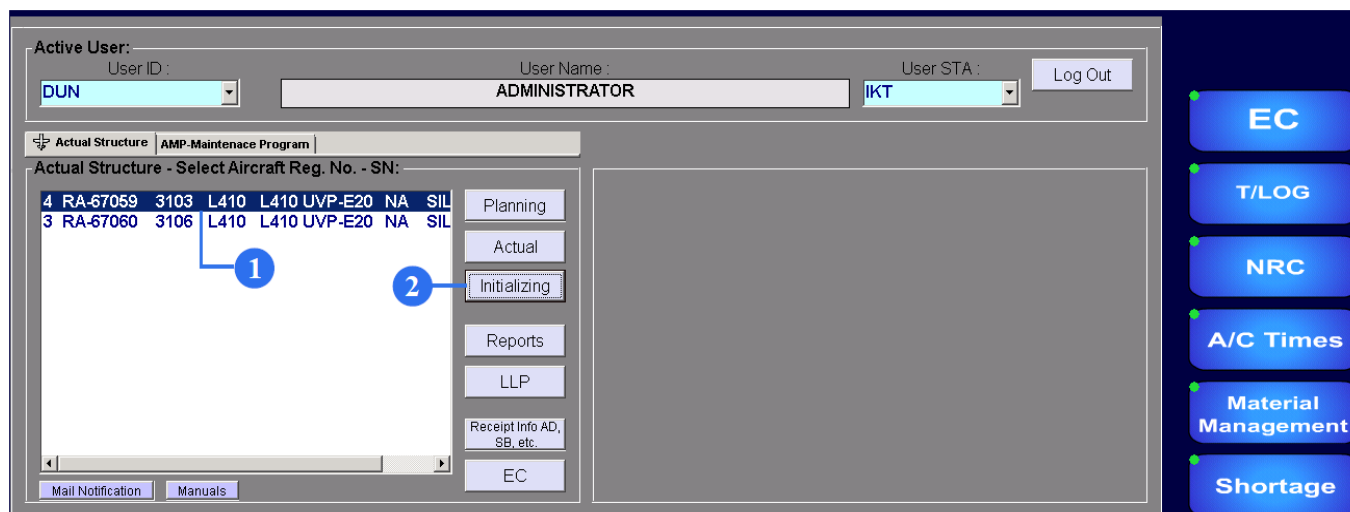
Disclosure is restricted.

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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).

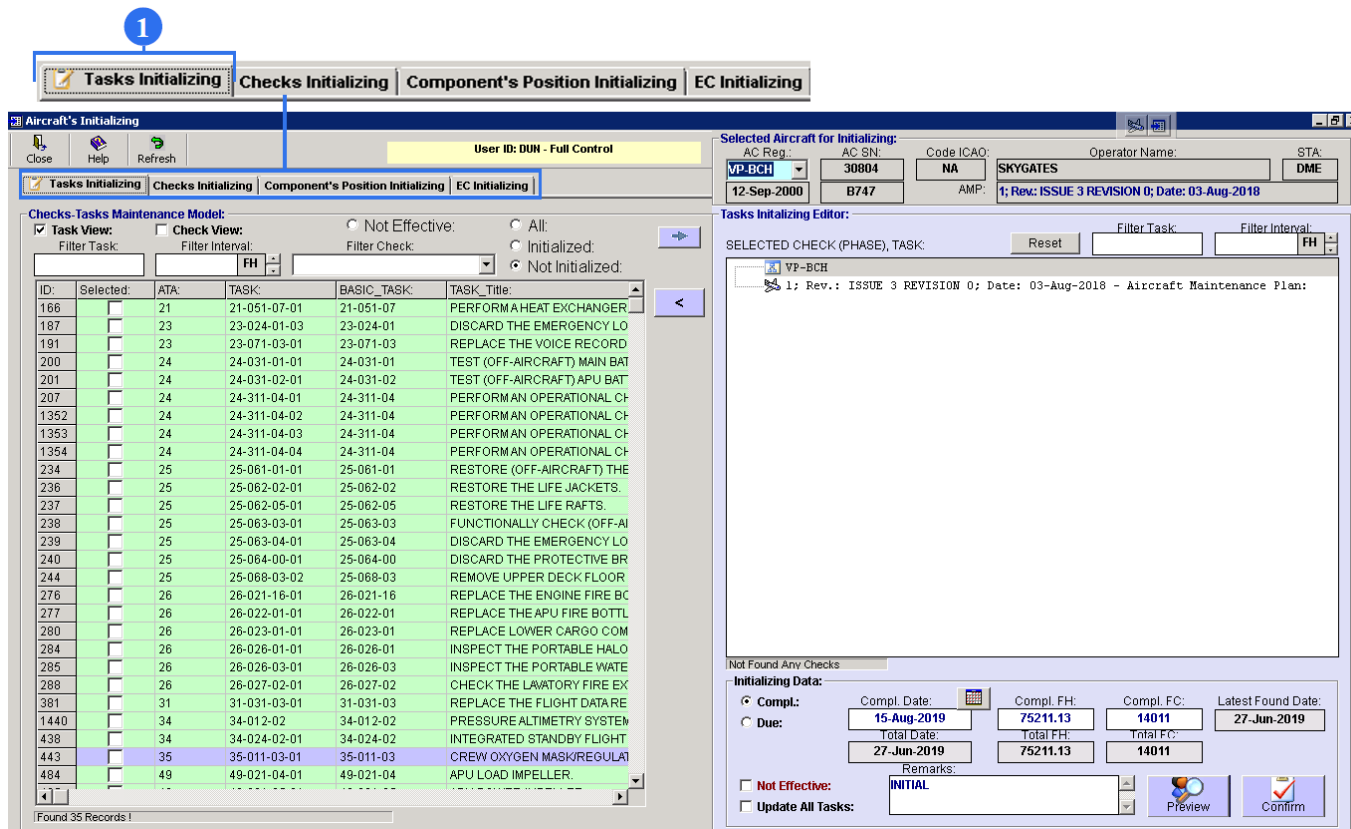
Checks Initializing tab allows initializing aircraft checks in accordance with the selected AMP, Maintenance Model. The process is quite the same as tasks initializing. After all actual data input and checks initializing, the checks will be transmitted to production (a Planning sub-Module).

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

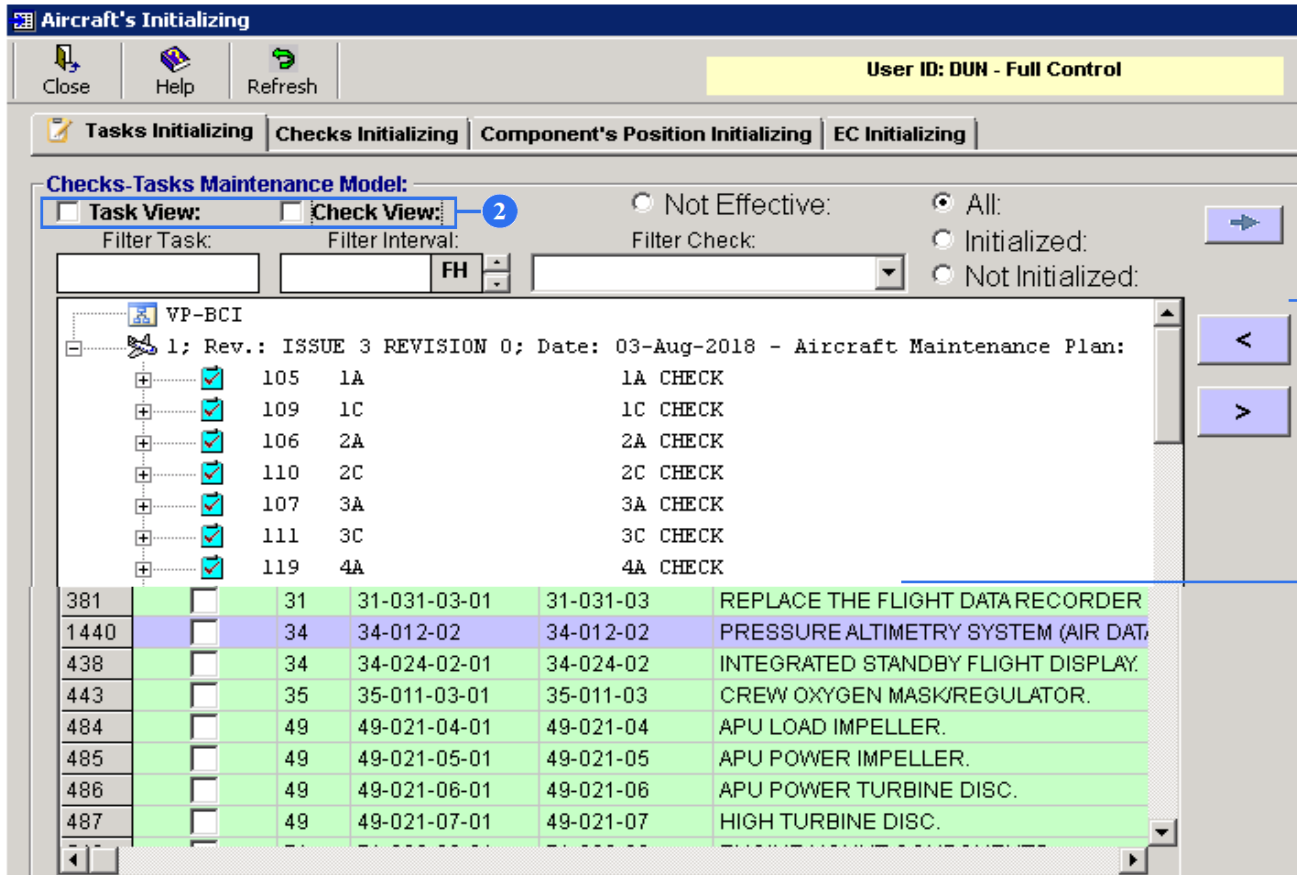
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The screenshot shows the 'Aircraft's Initializing' application window. At the top, there are four tabs: 'Tasks Initializing', 'Checks Initializing', 'Component's Position Initializing', and 'EC Initializing'. The 'Tasks Initializing' tab is selected and highlighted with a blue box and a blue arrow pointing to it from the number '1'. Below the tabs, the application window is divided into several sections:

- Selected Aircraft for Initializing:** This section contains fields for AC Reg. (V25CH), AC SN. (30804), Code ICAO (NA), Operator Name (SKYGATES), STA (DME), 12-Sep-2000, B747, AMP, and 1; Rev.: ISSUE 3 REVISION 0; Date: 03-Aug-2018.
- Checks-Tasks Maintenance Model:** This section contains a table of tasks with columns for ID, Selected, ATA, TASK, BASIC_TASK, and TASK Title. The table lists various maintenance tasks such as 'PERFORM A HEAT EXCHANGER', 'DISCARD THE EMERGENCY LO', 'REPLACE THE VOICE RECORD', etc.
- Tasks Initializing Editor:** This section contains a 'SELECTED CHECK (PHASE), TASK:' field and a 'Filter Task:' field. Below this, there is a 'Not Found Any Checks' message and an 'Initializing Data:' section with fields for 'Compl. Date', 'Compl. FH', 'Compl. FC', and 'Latest Found Date'.

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



Checks-Tasks Maintenance Model:

Task View: Check View: 2

Filter Task: Filter Interval: FH Filter Check: Not Effective: All: Initialized: Not Initialized:

VP-BCI

1; Rev.: ISSUE 3 REVISION 0; Date: 03-Aug-2018 - Aircraft Maintenance Plan:

- + [] 105 1A 1A CHECK
- + [] 109 1C 1C CHECK
- + [] 106 2A 2A CHECK
- + [] 110 2C 2C CHECK
- + [] 107 3A 3A CHECK
- + [] 111 3C 3C CHECK
- + [] 119 4A 4A CHECK

381		31	31-031-03-01	31-031-03	REPLACE THE FLIGHT DATA RECORDER
1440		34	34-012-02	34-012-02	PRESSURE ALTIMETRY SYSTEM (AIR DAT
438		34	34-024-02-01	34-024-02	INTEGRATED STANDBY FLIGHT DISPLAY.
443		35	35-011-03-01	35-011-03	CREW OXYGEN MASK/REGULATOR.
484		49	49-021-04-01	49-021-04	APU LOAD IMPELLER.
485		49	49-021-05-01	49-021-05	APU POWER IMPELLER.
486		49	49-021-06-01	49-021-06	APU POWER TURBINE DISC.
487		49	49-021-07-01	49-021-07	HIGH TURBINE DISC.

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.

Aircraft's Initializing User ID: DUN - Full Control

Selected Aircraft for Initializing: AC Reg: VP-BCI, AC SN: 32571, Code ICAO: NA, Operator Name: SKYGATES, STA: ZIA, 18-Apr-2001, B747, AMP: 1; Rev.: ISSUE 3 REVISION 0; Date: 03-Aug-2018

Tasks Initializing | Checks Initializing | Component's Position Initializing | EC Initializing

Checks-Tasks Maintenance Model: Task View: Check View: Filter Task: Filter Interval: Filter Check: Not Effective: All: Initialized: Not Initialized:

ID	Selected	ATA	TASK	BASIC_TASK	TASK Title
187	<input type="checkbox"/>	23	23-024-01-03	23-024-01	DISCARD THE EMERGENCY LOCATOR TF
191	<input type="checkbox"/>	23	23-071-03-01	23-071-03	REPLACE THE VOICE RECORDER UNDE
200	<input type="checkbox"/>	24	24-031-01-01	24-031-01	TEST (OFF-AIRCRAFT) MAIN BATTERY CAI
201	<input type="checkbox"/>	24	24-031-02-01	24-031-02	TEST (OFF-AIRCRAFT) APU BATTERY CAP.
207	<input type="checkbox"/>	24	24-311-04-01	24-311-04	PERFORMAN OPERATIONAL CHECK OF 1
1352	<input type="checkbox"/>	24	24-311-04-02	24-311-04	PERFORMAN OPERATIONAL CHECK OF 1
1353	<input type="checkbox"/>	24	24-311-04-03	24-311-04	PERFORMAN OPERATIONAL CHECK OF 1
234	<input type="checkbox"/>	25	25-061-01-01	25-061-01	RESTORE (OFF-AIRCRAFT) THE EMERGE
236	<input type="checkbox"/>	25	25-062-02-01	25-062-02	RESTORE THE LIFE JACKETS.
237	<input type="checkbox"/>	25	25-062-05-01	25-062-05	RESTORE THE LIFE RAFTS.
238	<input type="checkbox"/>	25	25-063-03-01	25-063-03	FUNCTIONALLY CHECK (OFF-AIRCRAFT)
239	<input type="checkbox"/>	25	25-063-04-01	25-063-04	DISCARD THE EMERGENCY LOCATOR TF
240	<input checked="" type="checkbox"/>	25	25-064-00-01	25-064-00	DISCARD THE PROTECTIVE BREATHING
244	<input type="checkbox"/>	25	25-068-03-02	25-068-03	REMOVE UPPER DECK FLOOR MOUNTE
276	<input type="checkbox"/>	26	26-021-16-01	26-021-16	REPLACE THE ENGINE FIRE BOTTLE SQI
277	<input type="checkbox"/>	26	26-022-01-01	26-022-01	REPLACE THE APU FIRE BOTTLE SQUIB (
280	<input type="checkbox"/>	26	26-023-01-01	26-023-01	REPLACE LOWER CARGO COMPARTMEN
285	<input type="checkbox"/>	26	26-026-03-01	26-026-03	INSPECT THE PORTABLE WATER FIRE E
288	<input type="checkbox"/>	26	26-027-02-01	26-027-02	CHECK THE LAVATORY FIRE EXTINGUISH
381	<input type="checkbox"/>	31	31-031-03-01	31-031-03	REPLACE THE FLIGHT DATA RECORDER
1440	<input checked="" type="checkbox"/>	34	34-012-02	34-012-02	PRESSURE ALTIMETRY SYSTEM (AIR DAT
438	<input type="checkbox"/>	34	34-024-02-01	34-024-02	INTEGRATED STANDBY FLIGHT DISPLAY
443	<input type="checkbox"/>	35	35-011-03-01	35-011-03	CREW OXYGEN MASK/REGULATOR.
484	<input type="checkbox"/>	49	49-021-04-01	49-021-04	APU LOAD IMPELLER.
485	<input type="checkbox"/>	49	49-021-05-01	49-021-05	APU POWER IMPELLER.
486	<input type="checkbox"/>	49	49-021-06-01	49-021-06	APU POWER TURBINE DISC.
487	<input type="checkbox"/>	49	49-021-07-01	49-021-07	HIGH TURBINE DISC.

Tasks Initializing Editor: Filter Task: Filter Interval: FH

SELECTED CHECK (PHASE), TASK: Reset

VP-BCI
1; Rev.: ISSUE 3 REVISION 0; Date: 03-Aug-2018 - Aircraft Maintenance Plan:
240 25-064-00-01 DISCARD THE PROTECTIVE BREATHING EQUIPMENT.
Eff: ALL
Note: INTERVAL NOTE: AT VENDORRECOMMENDATION.THIS TASK IS PERFORMED
1440 34-012-02 PRESSURE ALTIMETRY SYSTEM (AIR DATA COMPUTER).

Initializing Data:
 Compl.: Due Date: 15-Aug-2019, Due FH: 72705.55, Due FC: 13621, Latest Found Date: 08-Jul-2019
 Due: Total Date: 08-Jul-2019, Total FH: 72705.55, Total FC: 13621
 Remarks: INITIAL
 Not Effective: Update All Tasks: Preview Confirm

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.

Checks-Tasks Maintenance Model:

Task View: Check View: Not Effective: All: Initialized: Not Initialized:

Tasks Initializing Editor:

SELECTION CHECK (PHASE), TASK: Filter Task: Filter Interval:

SELECTION CHECK (PHASE), TASK: 164 YR 5 YR5 CALENDAR

Start Threshold: 5 YR;
Repetitive Interval: 5 YR;

Compl.:	Compl. Date:	Compl. FH:	Compl. FC:	Latest Found Date:
<input checked="" type="radio"/> Due:	11-Aug-2018	71221.01	13344	10-Aug-2018
	Total Date:	Total FH:	Total FC:	
	08-Jul-2019	72705.55	13621	

Remarks: INITIAL

Not Effective:

Update All Tasks:

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.

Tasks Initializing Editor:

SELECTED CHECK (PHASE), TASK: Filter Task: Filter Interval:

OH-TST2
12; Rev.: 0; Date: 27-Oct-2011 - Aircraft Maintenance Plan:
59 BWKL / 50 FH [GVI] [GENERAL VISUAL INSPECTIONS]
Repetitive Interval: 50 FH; 14 DY;

<input type="checkbox"/>	2	01-01	BRAKE RESERVOIR. DO A GVI FOR CONTENTS AND CORRECT OIL LEVEL.
<input type="checkbox"/>	5	01-04	MODULAR RADIO CABINETS (MRC). DO A GVI TO DETECT CORROSION OR MECHANICAL DA
<input type="checkbox"/>	6	01-05	K1 AND K2 RELAYS (300 A). DO A GVI TO DETECT CORROSION OR MECHANICAL DAMAGE
<input type="checkbox"/>	7	01-06	NOSE COMPARTMENT COMPONENTS. DO A GVI FOR CONDITION, SECURITY AND DAMAGE. I
<input type="checkbox"/>	8	01-07	RF GASKETS ON NOSE COMPARTMENT DOOR. DO A GVI FOR DAMAGE AND CONDITION.
<input checked="" type="checkbox"/>	9	01-08	WIPER ARMS AND WIPER BLADES. DO A GVI FOR DAMAGE AND CONDITION.
Repetitive Interval: 50 FH; 14 DY;			
<input type="checkbox"/>	10	02-01	RF GASKETS ON BAGGAGE COMPARTMENT DOOR. DO A GVI FOR DAMAGE AND CONDITION.
<input type="checkbox"/>	620	02-02	RIGHT COOLING FAN FOR REAR AVIONIC BAYS. DO A FC TO DETECT THE CORRECT FUNC
<input type="checkbox"/>	11	03-01	TAILROTORDRIVECOMPONENTS. DO A GVI FOR CONDITION, SECURITY AND DAMAGE (TAIL
<input type="checkbox"/>	12	04-01	INTERMEDIATE AND TAIL ROTOR GEARBOX. DO A GVI FOR LEAKS AND CORRECT OIL LEV

Not Found Any Checks

Initializing Data:

Compl.:

Compl. Date:	Compl. FH:	Compl. FC:	Latest Found Date:
15-Aug-2019	72705.55	13621	08-Jul-2019
Total Date:	Total FH:	Total FC:	
08-Jul-2019	72705.55	13621	

Remarks: INITIAL

Not Effective: Update All Tasks:

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.

Tasks Initializing Editor:

SELECTED CHECK (PHASE), TASK: Filter Task: Filter Interval: FH

0H-TST2
12; Rev.: 0; Date: 27-Oct-2011 - Aircraft Maintenance Plan:
59 BWKL / 50 FH [GVI] [GENERAL VISUAL INSPECTIONS]
Repetitive Interval: 50 FH; 14 DY;

2	01-01	BRAKE RESERVOIR. DO A GVI FOR CONTENTS AND CORRECT OIL LEVEL.
5	01-04	MODULAR RADIO CABINETS (MRC). DO A GVI TO DETECT CORROSION OR MECHANICAL DA
6	01-05	K1 AND K2 RELAYS (300 A). DO A GVI TO DETECT CORROSION OR MECHANICAL DAMAGE
7	01-06	NOSE COMPARTMENT COMPONENTS. DO A GVI FOR CONDITION, SECURITY AND DAMAGE. I
8	01-07	RF GASKETS ON NOSE COMPARTMENT DOOR. DO A GVI FOR DAMAGE AND CONDITION.
9	01-08	WIPER ARMS AND WIPER BLADES. DO A GVI FOR DAMAGE AND CONDITION.
Repetitive Interval: 50 FH; 14 DY;		
10	02-01	RF GASKETS ON BAGGAGE COMPARTMENT DOOR. DO A GVI FOR DAMAGE AND CONDITION.
620	02-02	RIGHT COOLING FAN FOR REAR AVIONIC BAYS. DO A FC TO DETECT THE CORRECT FUNC
11	03-01	TAILROTORDRIVECOMPONENTS. DO A GVI FOR CONDITION, SECURITY AND DAMAGE (TAIL
12	04-01	INTERMEDIATE AND TAIL ROTOR GEARBOX. DO A GVI FOR LEAKS AND CORRECT OIL LEV

Not Found Any Checks

Initializing Data:

Compl.:
 Due:

Not Effective:

Update All Tasks:

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

Aircraft's Initializing

Close Help Refresh User ID: DUN - Full Control

Tasks Initializing | Checks Initializing | Component's Position Initializing | EC Initializing

Checks-Tasks Maintenance Model:

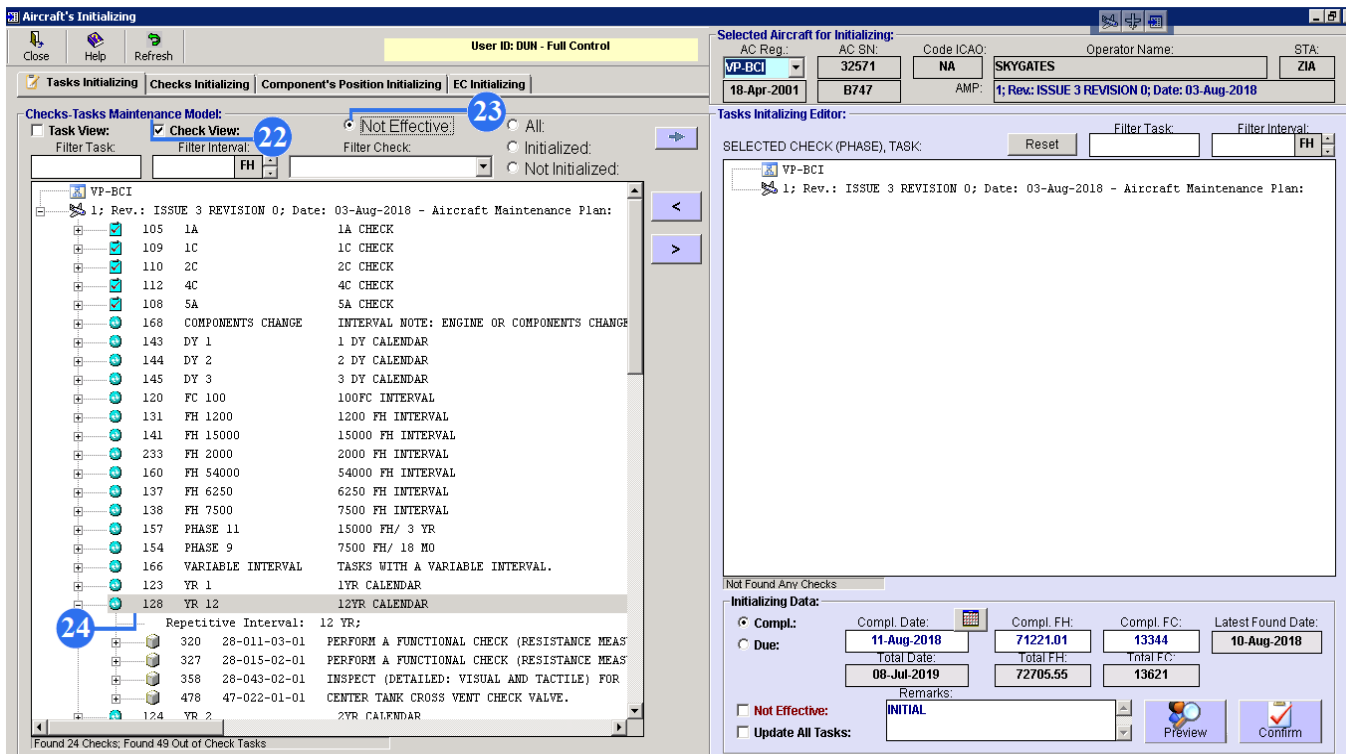
Task View: Check View: Not Effective: All: Initialized: Not Initialized:

Filter Task: Filter Interval: FH Filter Check:

VP-BCI	1; Rev.: ISSUE 3 REVISION 0; Date: 03-Aug-2018 - Aircraft Maintenance Plan:
106	2A 2A CHECK
112	4C 4C CHECK
154	PHASE 9 7500 FH/ 18 MO
123	YR 1 1YR CALENDAR
164	YR 5 YR5 CALENDAR
Start Threshold: 5 YR;	
Repetitive Interval: 5 YR;	
234	25-061-01-01 RESTORE (OFF-AIRCRAFT) THE EMERGENCY EQUIPM
280	26-023-01-01 REPLACE LOWER CARGO COMPARTMENT FIRE BOTTLE SQUI
288	26-027-02-01 CHECK THE LAVATORY FIRE EXTINGUISHERS FOR WEIGHT
337	28-022-17-02 PERFORM A FUNCTIONAL CHECK (RESISTANCE MEASUREME
1440	34-012-02 PRESSURE ALTIMETRY SYSTEM (AIR DATA COMPUTER).
438	34-024-02-01 INTEGRATED STANDBY FLIGHT DISPLAY. Eff: IF INS
484	49-021-04-01 APU LOAD IMPELLER. Eff: ALL.

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



The screenshot shows the 'Aircraft's Initializing' software interface. The 'Check View' tab is active, displaying a list of tasks for aircraft VP-BCI. A blue circle with the number 22 points to the 'Check View' checkbox. Another blue circle with the number 23 points to the 'Not Effective' checkbox. A third blue circle with the number 24 points to a task entry in the list. The 'Initializing Data' section at the bottom shows completion and due dates for various tasks.

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).

The screenshot shows the 'Aircraft's Initializing' application window. At the top, there are four tabs: 'Tasks Initializing', 'Checks Initializing' (selected), 'Component's Position Initializing', and 'EC Initializing'. A blue circle with the number '1' points to the 'Checks Initializing' tab. Below the tabs, the 'User ID: DUN - Full Control' is displayed. The main area is divided into two panes. The left pane, titled 'Maintenance Checks Model', shows a tree view of checks. Check '120 FC 100 100FC INTERVAL' is selected, and a blue circle with the number '2' points to it. The right pane, titled 'Checks Initializing Editor', contains the following information:

- Selected Aircraft for Initializing:** AC Reg.: VP-BCI, AC SN: 32571, Code ICAO: NA, Operator Name: SKYGATES, STA: ZIA, AMP: 1; Rev: ISSUE 3 REVISION 0; Date: 03-Aug-2018.
- Checks Initializing Editor:** Update button.
- Checks Information:** Cyclic Model selected, Check ID: FC 100, Check Description: 100FC INTERVAL.
- Interval:** Start Threshold, Finish Threshold, Tolerance tabs. Interval: FH, FC: 100, DY, MO, YR.
- Initializing Data:** Compl. Date: 08-Jul-2019, Compl. FH: 72705.55, Compl. FC: 13621, A/C Found Date: 08-Jul-2019.
- Not Effective:** Remarks field, Preview, and Confirm buttons.

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

Checks Initializing Editor:

Update

Checks Information:

Cyclic Model: Phase Model:

Check ID:

Check Description

Interval Start Threshold Finish Threshold Tolerance

Interval: *

FH: FC: DY: MO: YR:

Initializing Data:

Compl.: **Due:**

Compl. Date: Compl. FH: Compl. FC: A/C Found Date:

Total Date: Total FH: Total FC:

Not Effective: Remarks:

Preview Confirm

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

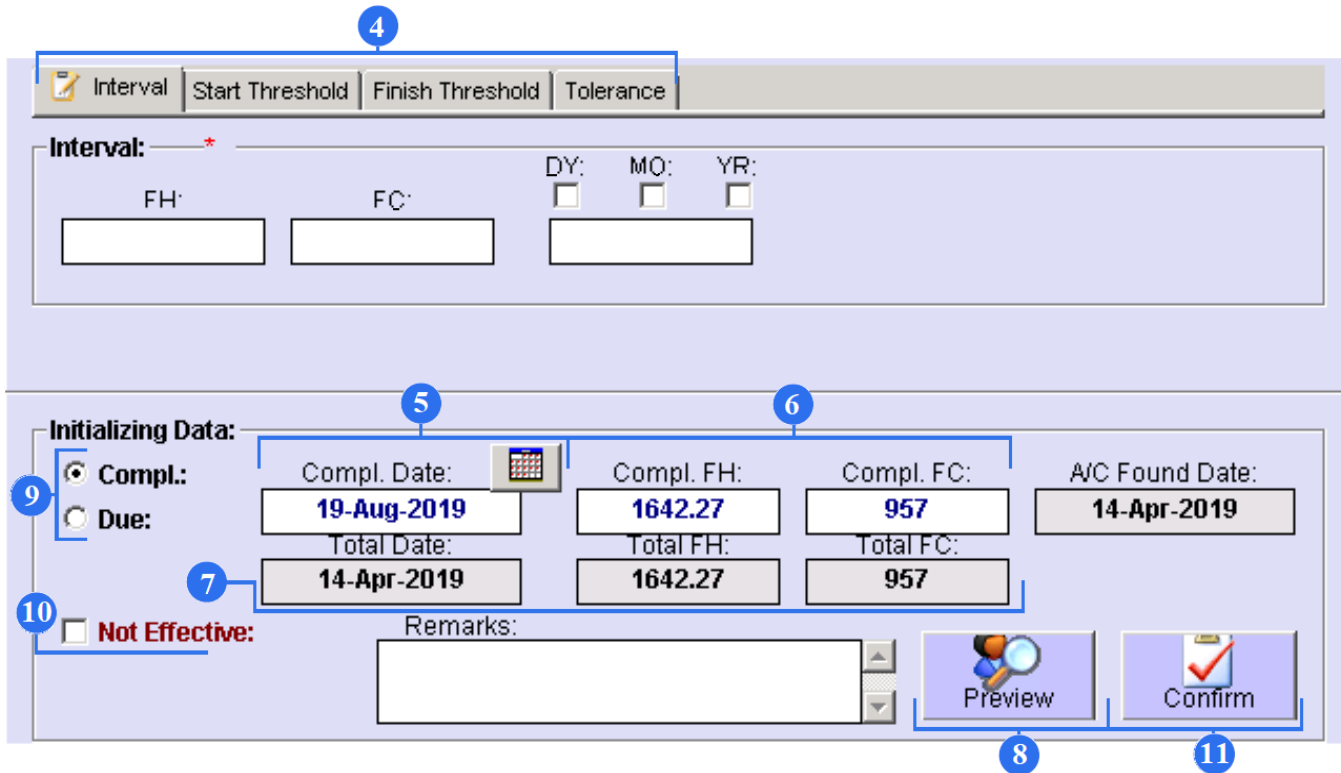
4. "Interval", "Start Threshold", "Finish Threshold", "Tolerance" tabs are automatically filled. This data is taken from the AMP submodule.

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.



The screenshot shows a software interface for aircraft initialization. At the top, there are four tabs: 'Interval', 'Start Threshold', 'Finish Threshold', and 'Tolerance'. The 'Interval' tab is active. Below the tabs, there are input fields for 'Interval: *', 'FH', 'FC', 'DY', 'MO', and 'YR'. The 'Interval' field has a red asterisk. Below this, there is a section for 'Initializing Data:'. This section contains several fields and checkboxes. On the left, there are two radio buttons: 'Compl.' (selected) and 'Due'. Below them is a checkbox for 'Not Effective:'. In the center, there are two rows of data: 'Compl. Date: 19-Aug-2019' and 'Total Date: 14-Apr-2019' (with a calendar icon next to the date field); 'Compl. FH: 1642.27' and 'Total FH: 1642.27'; 'Compl. FC: 957' and 'Total FC: 957'. To the right of these is a field for 'A/C Found Date: 14-Apr-2019'. Below the data fields is a 'Remarks:' text area. At the bottom right, there are two buttons: 'Preview' and 'Confirm'. Numbered callouts (4-11) point to various elements: 4 points to the 'Interval' tab; 5 points to the 'Compl.' radio button; 6 points to the 'Compl. Date' field; 7 points to the 'Total Date' field; 8 points to the 'Preview' button; 9 points to the 'Due' radio button; 10 points to the 'Not Effective' checkbox; 11 points to the 'Confirm' button.

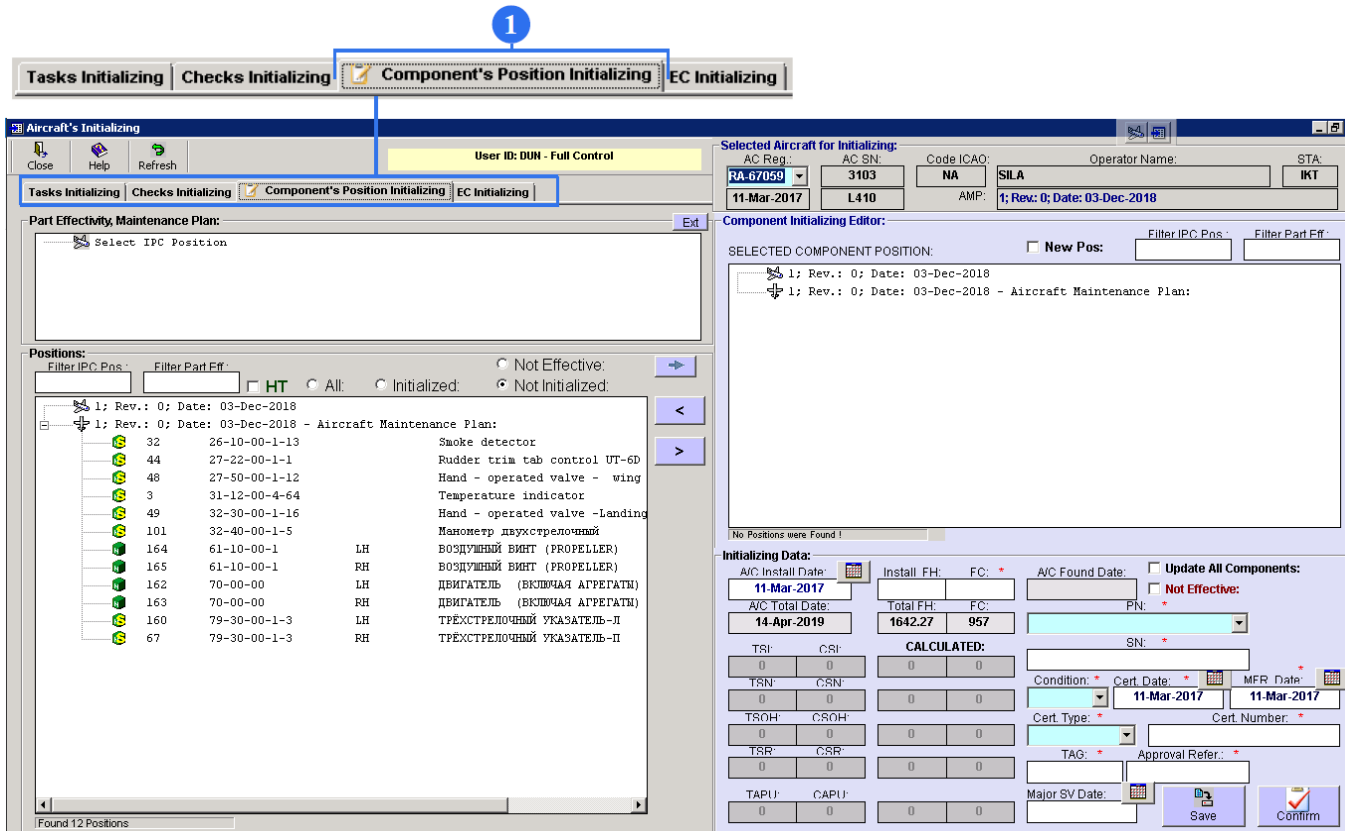
9. If a date of the last check completion is unknown, it is possible to appoint a date of the next check completion. For this action select the 'Due' check box and enter a date/FH/FC of the next check completion.

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.

Positions:

Filter IPC Pos.: Filter Part Eff.: HT All: Initialized: Not Effective: Not Initialized:

1; Rev.: 0; Date: 03-Dec-2018				
1; Rev.: 0; Date: 03-Dec-2018 - Aircraft Maintenance Plan:				
32	26-10-00-1-13			Smoke detector
44	27-22-00-1-1			Rudder trim tab control UT-6D
48	27-50-00-1-12			Hand - operated valve - wing flap control system
3	31-12-00-4-64			Temperature indicator
49	32-30-00-1-16			Hand - operated valve -Landing gear operating mech
101	32-40-00-1-5			Манометр двухстрелочный
164	61-10-00-1	LH		ВОЗДУШНЫЙ ВИНГ (PROPELLER)
165	61-10-00-1	RH		ВОЗДУШНЫЙ ВИНГ (PROPELLER)
162	70-00-00	LH		ДВИГАТЕЛЬ (ВКЛЮЧАЯ АГРЕГАТЫ)
163	70-00-00	RH		ДВИГАТЕЛЬ (ВКЛЮЧАЯ АГРЕГАТЫ)
160	79-30-00-1-3	LH		ТРЕХСТРЕЛОЧНЫЙ УКАЗАТЕЛЬ-Л
67	79-30-00-1-3	RH		ТРЕХСТРЕЛОЧНЫЙ УКАЗАТЕЛЬ-П

2

3

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

Component Initializing Editor:

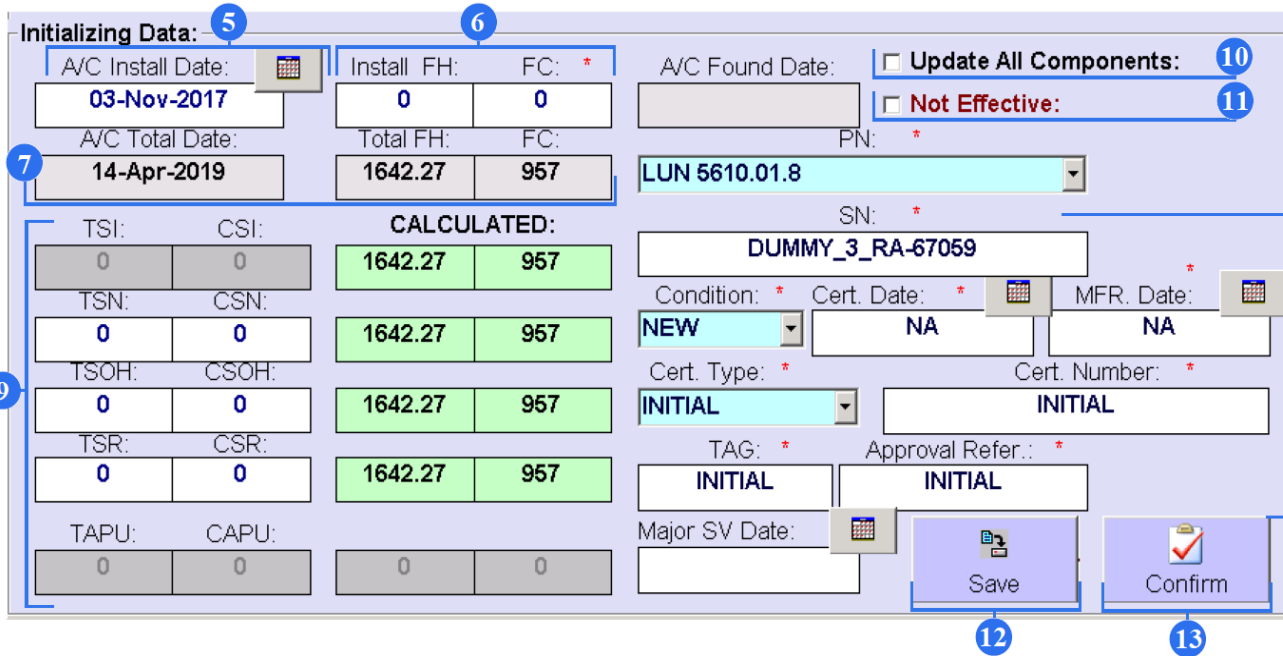
SELECTED COMPONENT POSITION: **New Pos:** Filter IPC Pos.: Filter Part Eff.:

1; Rev.: 0; Date: 03-Dec-2018
1; Rev.: 0; Date: 03-Dec-2018 - Aircraft Maintenance Plan:
164 61-10-00-1 LH ВОЗДУШНЫЙ ВИНТ (PROPELLER)

4

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

Highlight the line.



Initializing Data:

A/C Install Date: 03-Nov-2017

A/C Total Date: 14-Apr-2019

Install FH: 0 FC: 0

Total FH: 1642.27 FC: 957

A/C Found Date: []

PN: * LUN 5610.01.8

SN: * DUMMY_3_RA-67059

Condition: * NEW

Cert. Date: * NA

MFR. Date: * NA

Cert. Type: * INITIAL

Cert. Number: * INITIAL

TAG: * INITIAL

Approval Refer.: * INITIAL

Major SV Date: []

Update All Components: []

Not Effective: []

Save Confirm

TSI:	CSI:	CALCULATED:	
0	0	1642.27	957
TSN:	CSN:	1642.27	957
0	0		
TSOH:	CSOH:	1642.27	957
0	0		
TSR:	CSR:	1642.27	957
0	0		
TAPU:	CAPU:	0	0
0	0		

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.

Initializing Data:

A/C Install Date: 03-Nov-2017	Install FH: 0	FC: * 0	A/C Found Date:	<input type="checkbox"/> Update All Components:
A/C Total Date: 14-Apr-2019	Total FH: 1642.27	FC: 957	PN: *	<input type="checkbox"/> Not Effective:
TSI: 0	CSI: 0	CALCULATED:	SN: *	
TSN: 0	CSN: 0	1642.27	DUMMY_3_RA-67059	
TSOH: 0	CSOH: 0	1642.27	Condition: * NEW	Cert. Date: * NA
TSR: 0	CSR: 0	1642.27	Cert. Type: * INITIAL	Cert. Number: * INITIAL
TAPU: 0	CAPU: 0	1642.27	TAG: * INITIAL	Approval Refer.: * INITIAL
		0	Major SV Date:	

Save Confirm

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

Part Effectivity, Maintenance Plan: Ext

Part Effectivity:
 102 LUN 1446.02-8 DUMMY_101_RA-67059 Манометр двухстрелочный REP; DSC; Y

Part Maintenance Plan:

- 189 REP REPAIR A/C Counts 1
 - Repetitive Interval: 5000 FH; PN Eff.: LUN 1446.02-8;
- 190 DSC DISCARD COMPONENT A/C Counts
 - Repetitive Interval: 15000 FH; 15 YR; PN Eff.: LUN 1446.02-8;

Positions:

Filter IPC Pos.: Filter Part Eff.:

HT
 All:
 Initialized:
 Not Effective: →
 Not Initialized: ←

IPC	Rev.	Date	Description
1	0	03-Dec-2018	
1; Rev.: 0; Date: 03-Dec-2018 - Aircraft Maintenance Plan:			
32	26-10-00-1-13		Smoke detector
44	27-22-00-1-1		Rudder trim tab control UT-6D
48	27-50-00-1-12		Hand - operated valve - wing flap control system
3	31-12-00-4-64		Temperature indicator
49	32-30-00-1-16		Hand - operated valve -Landing gear operating mech
101	32-40-00-1-5		Манометр двухстрелочный
163	70-00-00	RH	ДВИГАТЕЛЬ (ВКЛЮЧАЯ АГРЕГАТЫ)
67	79-30-00-1-3	RH	ТРЕХСТРЕЛОЧНЫЙ УКАЗАТЕЛЬ-П

Found 8 Positions

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

A/C Treatment Data:

A/C Install Date: 03-Nov-2017	Install FH: 0	FC: * 0	A/C Found Date:
A/C Total Date: 14-Apr-2019	Total FH: 1642.27	FC: 957	

TREATMENT:
REP

REMAINS:
3357.33

AIRCRAFT NEXT DUE:
FH: 5000.00 FC: Date:

COMPONENT NEXT DUE:
FH: 5000.00 FC: Date:

TIME SINCE TREATMENT:
1642.27 957 29; MO

INTERVAL:
FH: 5000.00 FC: 0 Calendar: 0

TSLC/CSLC:
TSLC: 0 CSLC: 0

Compl. Date: * 03-Nov-2017

MFR. Date: NA

TSN/CSN:
TSN: 1642.27 CSN: 957 Calendar: NA

Save

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.

$$FH = \text{Total FH} + \text{FH Interval};$$

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

$$FH = \text{TSN (time since new)} + \text{FH Interval};$$

A/C Treatment Data:

A/C Install Date: 03-Nov-2017	Install FH: 0	FC: * 0	A/C Found Date:
A/C Total Date: 14-Apr-2019	Total FH: 1642.27	FC: 957	

TREATMENT:
REP

REMAINS:
3357.33

AIRCRAFT NEXT DUE:
FH: **5000.00** FC: Date:

COMPONENT NEXT DUE:
FH: **5000.00** FC: Date:

TIME SINCE TREATMENT:
1642.27 **957** **29; MO**

INTERVAL:
FH: **5000.00** FC: **0** Calendar: **0**

3 TSLC: **0** CSLC: **0**

Compl. Date: * **03-Nov-2017**

MFR. Date: **NA**

2 TSN: **1642.27** CSN: **957** Calendar: **NA**

6 Save

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:

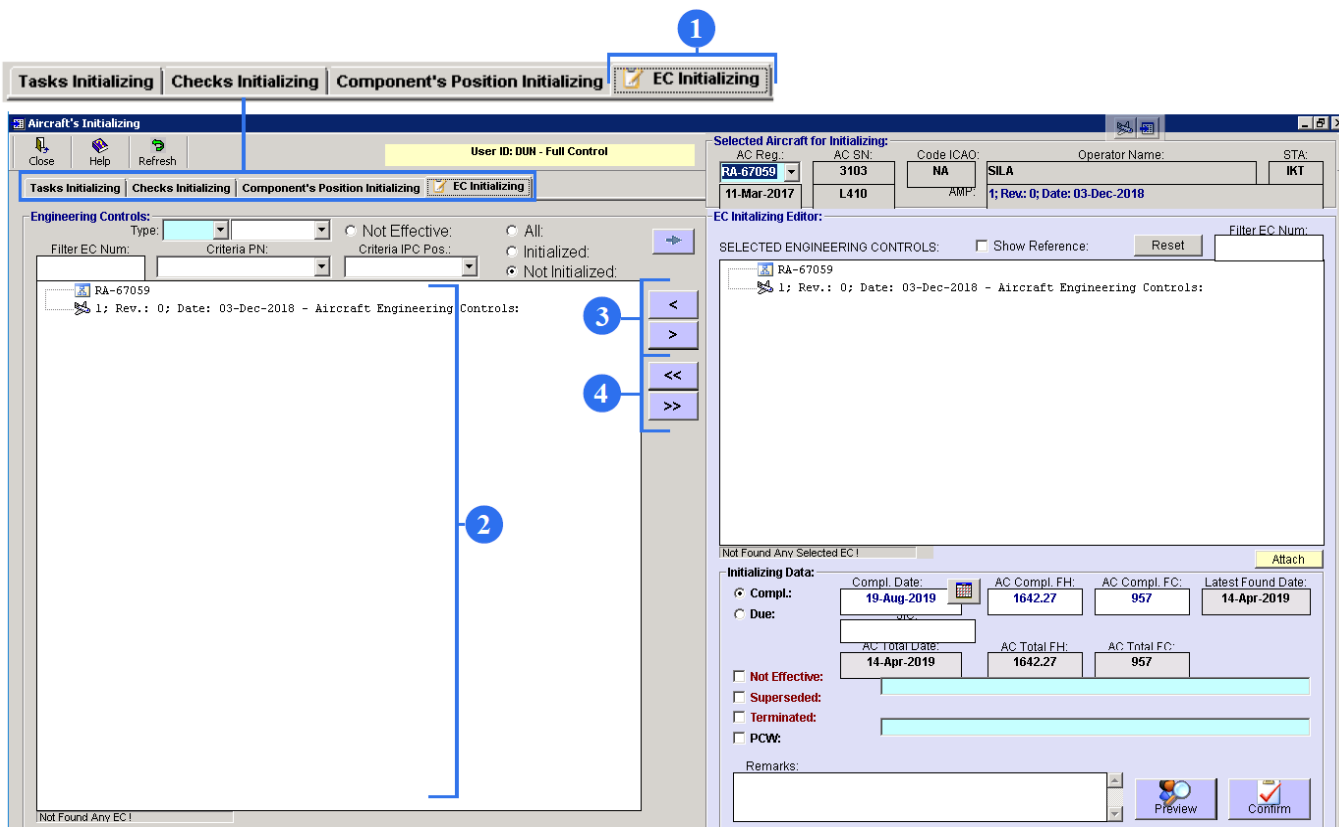
FH: Total FH - Installation FH

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



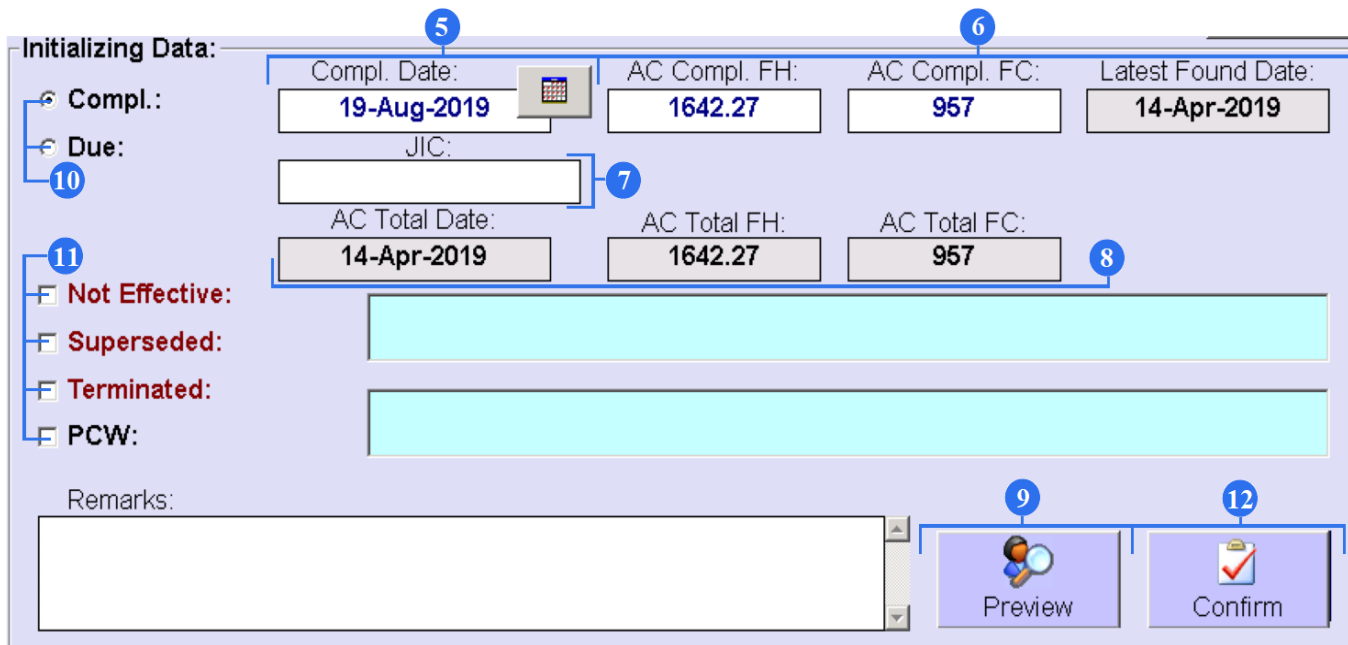
The screenshot shows the 'EC Initializing' screen within the 'Aircraft's Initializing' application. The interface includes a top navigation bar with tabs for 'Tasks Initializing', 'Checks Initializing', 'Component's Position Initializing', and 'EC Initializing'. A yellow banner at the top indicates 'User ID: DUN - Full Control'. The main area is divided into several sections: 'Engineering Controls' on the left, 'Selected Aircraft for Initializing' at the top right, 'EC Initializing Editor' in the center right, and 'Initializing Data' at the bottom right. Callout 1 points to the 'EC Initializing' tab. Callout 2 points to the list of engineering controls in the 'Engineering Controls' section. Callout 3 points to the right arrow button in the 'EC Initializing Editor' section. Callout 4 points to the double arrow buttons in the 'EC Initializing Editor' section.

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.



The screenshot shows the 'Initializing Data' form with the following fields and callouts:

- 5**: Callout pointing to the 'Compl. Date' field, which contains '19-Aug-2019'.
- 6**: Callout pointing to the 'AC Compl. FH' field, which contains '1642.27'.
- 6**: Callout pointing to the 'AC Compl. FC' field, which contains '957'.
- 6**: Callout pointing to the 'Latest Found Date' field, which contains '14-Apr-2019'.
- 7**: Callout pointing to the 'JIC' field, which is empty.
- 8**: Callout pointing to the 'AC Total FC' field, which contains '957'.
- 9**: Callout pointing to the 'Preview' button.
- 10**: Callout pointing to the 'Due' checkbox, which is checked.
- 11**: Callout pointing to the 'Not Effective', 'Superseded', 'Terminated', and 'PCW' checkboxes, which are all unchecked.
- 12**: Callout pointing to the 'Confirm' button.

Other fields include 'AC Total Date' (14-Apr-2019), 'AC Total FH' (1642.27), and a 'Remarks' text area at the bottom.

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.

Initializing Data:

Compl.: 5

Due: 6

Not Effective:

Superseded:

Terminated:

PCW:

Remarks:

9 12

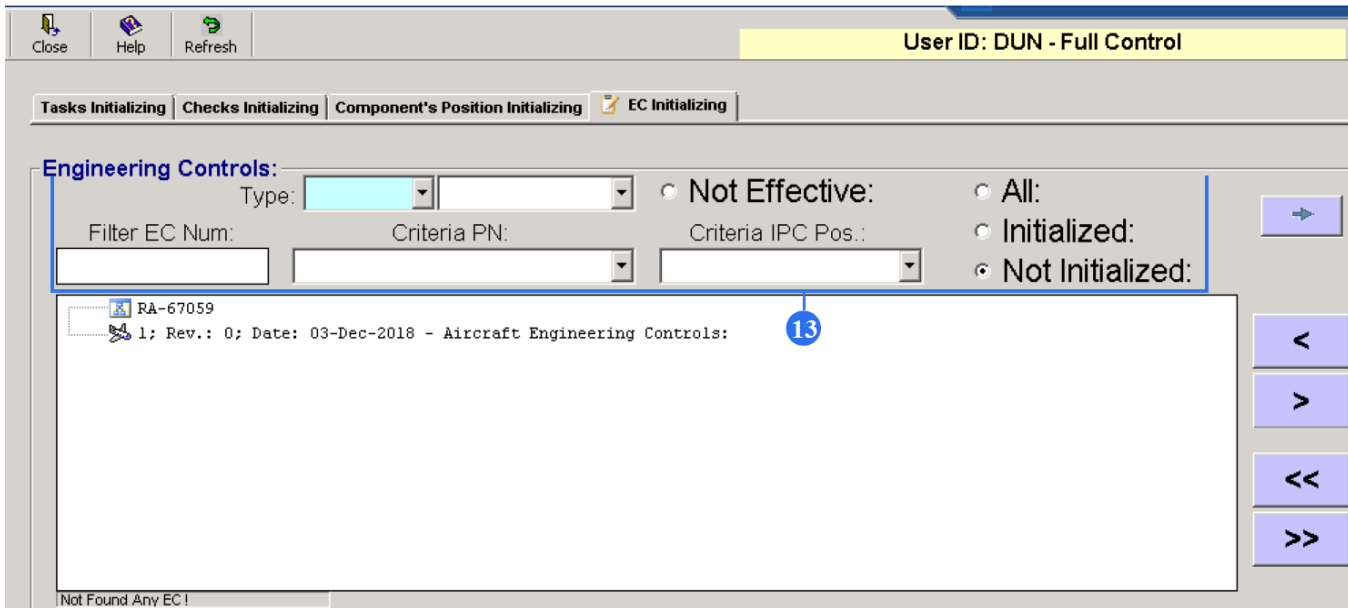
Preview Confirm

Compl. Date: 5	AC Compl. FH: 6	AC Compl. FC: 6	Latest Found Date:
19-Aug-2019	1642.27	957	14-Apr-2019
JIC:			
AC Total Date:	AC Total FH:	AC Total FC:	
14-Apr-2019	1642.27	957	

11. Make remarks and select criteria of the EC:

- not effective
- cancelled
- superseded
- factory complied.

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



Close Help Refresh

User ID: DUN - Full Control

Tasks Initializing Checks Initializing Component's Position Initializing **EC Initializing**

Engineering Controls:

Type: [dropdown] [dropdown] Not Effective: All: Initialized: Not Initialized:

Filter EC Num: [input] Criteria PN: [dropdown] Criteria IPC Pos.: [dropdown]

RA-67059
1; Rev.: 0; Date: 03-Dec-2018 - Aircraft Engineering Controls:

Not Found Any EC!

13. Use these filters to find a necessary EC.