

ALASKAR Software Overview

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AMP – Aircraft Maintenance Program

User guidance

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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.

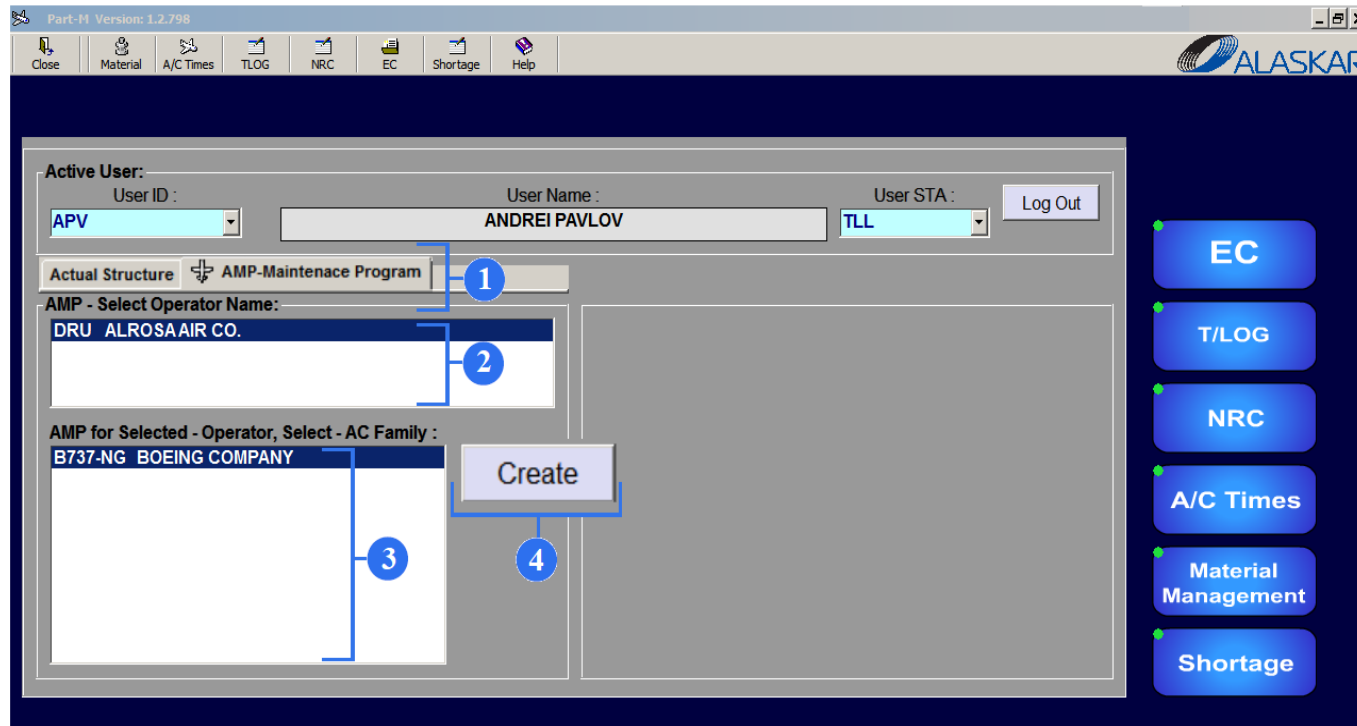
Aircraft maintenance program editor gives you information about Editor items, AMP draft and how to deactivate the already existing AMP.

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.

AMP Creating

Selected Operator - AC Family:

AC Family: Operator Code ICAO: Operator Name:

Select Logical Model:

Logical Model Name: Maintenance Model Name:

Remarks:

5

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

Part-M Version: 1.2.795

Close Material A/C Times TLOG NRC EC Shortage Help

Active User:

User ID: User Name: User STA:

Actual Structure AMP-Maintenance Program

AMP - Select Operator Name:

NA SKYGATES

AMP for Selected - Operator, Select - AC Family :

B747 BOEING COMPANY

B747-8F BOEING COMPANY

6

EC

T/LOG

NRC

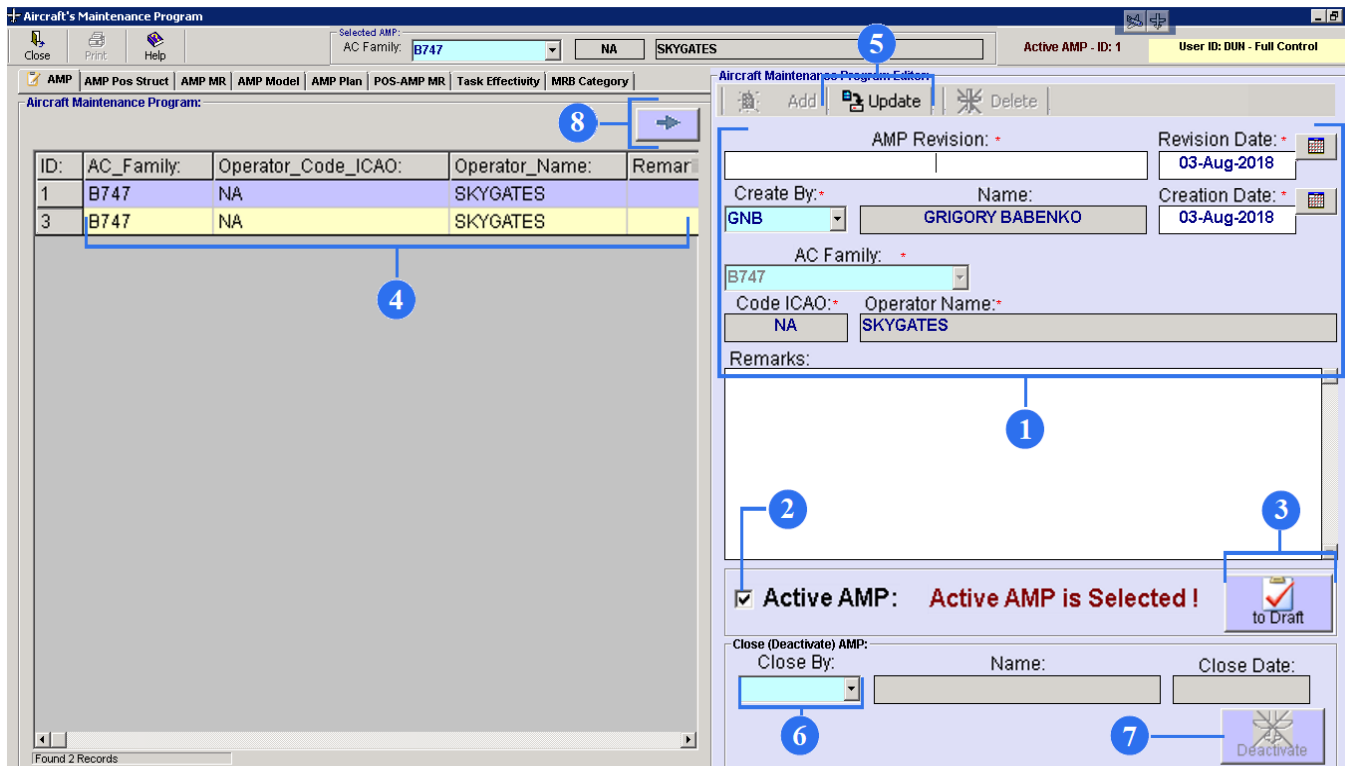
A/C Times

Material Management

Shortage

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.

The screenshot shows the 'Aircraft Maintenance Program' software interface. On the left, a table lists maintenance programs. On the right, an editor form allows for creating or updating an AMP. Numbered callouts (1-8) highlight specific features and actions:

- 1: Remarks text area in the editor.
- 2: 'to Draft' button in the editor.
- 3: 'Deactivate' button in the editor.
- 4: Row 3 in the table, which is highlighted in yellow.
- 5: 'Update' button in the editor toolbar.
- 6: 'Close (Deactivate) AMP' section in the editor.
- 7: 'Deactivate' button in the editor.
- 8: Needle icon button in the table toolbar.

ID:	AC_Family:	Operator_Code_ICAO:	Operator_Name:	Remarks:
1	B747	NA	SKYGATES	
3	B747	NA	SKYGATES	

AMP Editor Fields:

- AMP Revision: [] Revision Date: 03-Aug-2018
- Create By: GNB Name: GRIGORY BABENKO Creation Date: 03-Aug-2018
- AC Family: B747
- Code ICAO: NA Operator Name: SKYGATES
- Remarks: []
- Active AMP: Active AMP is Selected! [to Draft]
- Close (Deactivate) AMP: Close By: [] Name: [] Close Date: []
- Deactivate []

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 deactivate 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

The screenshot displays the 'Aircraft's Maintenance Program' interface. At the top, the 'Selected AMP' is 'B747' and the 'Active AMP - ID' is '1'. The 'AMP Pos Struct' tab is selected, showing a tree view of positions for 'B747: SKYGATES'. A blue box labeled '1' highlights the 'AMP Pos Struct' tab. To the right, the 'Part Effectivity Editor (for Selected IPC Position):' is open, showing a list of parts with a blue box labeled '2' highlighting the list. Below that, the 'Position Editor:' is open, showing a list of parts with a blue box labeled '3' highlighting the list.

PN	Description
113A9110-1	FWD FAIRING ASSY
625580001-03	ACTUATOR - STABILIZER TRIM
61620-468	SLIDE ASSY - ESCAPE FWD
8400K2	VIDEO INTERFACE UNIT (VIU)
EM91-79-5	VALVE - HYD SHUTOFF
69-73703-8	MODULE - AIL/ RUD TRIM

Position PN	FIN

IPC Position	UR AMM Reference

Position Description	Position

is PP: is APU: is MLG: is NLG: is PROP: is MGBX: is TGBX: is Strct:

TSN: TSO: TSI: TSR: TAPU:
CSN: CSO: CSI: CSR: CAPU:

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.

Position Editor:

Select PN, Description

Filter PN: Filter Description: Filter AC Type:

113A9110-1	FWD FAIRING ASSY
6355B0001-03	ACTUATOR - STABILIZER TRIM
61620-468	SLIDE ASSY - ESCAPE FWD
8400K2	VIDEO INTERFACE UNIT (VIU)
EM91-79-5	VALVE - HYD SHUTOFF
69-73703-8	MODULE - AIL / RUD TRIM

Add Update Delete Assy DisAssy Refresh Help

Position PN: * FIN:

750399-3

IPC Position: - - - - I/R AMM Reference:

Position Description: * SEPARATOR-WATER PACK Position:

is PP: is APU: is MLG: is NLG: is PROP: is MGBX: is TGBX: is Strct:

Remarks:

TSN: TSO: TSI: TSR: TAPU:
 CSN: CSO: CSI: CSR: CAPU:

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.

Position Editor:

Select PN, Description

Filter PN: Filter Description: Filter AC Type:

113A9110-1	FWD FAIRING ASSY
6355B0001-03	ACTUATOR - STABILIZER TRIM
61620-468	SLIDE ASSY - ESCAPE FWD
8400K2	VIDEO INTERFACE UNIT (VIU)
EM91-79-5	VALVE - HYD SHUTOFF
69-73703-8	MODULE - AIL / RUD TRIM

Add Update Delete Assy DisAssy Refresh Help

Position PN: * FIN:

IPC Position: - - - - I/R AMM Reference:

Position Description: * Position:

is PP: is APU: is MLG: is NLG: is PROP: is MGBX: is TGBX: is Strct:

Remarks:

TSN: TSO: TSI: TSR: TAPU:
 CSN: CSO: CSI: CSR: CAPU:

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.

Position Editor:

Select PN, Description

Filter PN: Filter Description: Filter AC Type:

113A9110-1	FWD FAIRING ASSY
6355B0001-03	ACTUATOR - STABILIZER TRIM
61620-468	SLIDE ASSY - ESCAPE FWD
8400K2	VIDEO INTERFACE UNIT (VIU)
EM91-79-5	VALVE - HYD SHUTOFF
69-73703-8	MODULE - AIL / RUD TRIM

Add Update Delete Assy DisAssy Refresh Help

Position PN: * FIN:

IPC Position: - - - - I/R AMM Reference:

Position Description: * Position:

is PP: is APU: is MLG: is NLG: is PROP: is MGBX: is TGBX: is Strct:

Remarks:

TSN: TSO: TSI: TSR: TAPU:
 CSN: CSO: CSI: CSR: CAPU:

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.

Position Editor:

Select PN, Description

Filter PN: Filter Description: Filter AC Type:

113A9110-1	FWD FAIRING ASSY	
6355B0001-03	ACTUATOR - STABILIZER TRIM	
61620-468	SLIDE ASSY - ESCAPE FWD	
8400K2	VIDEO INTERFACE UNIT (VIU)	
EM91-79-5	VALVE - HYD SHUTOFF	
69-73703-8	MODULE - AIL / RUD TRIM	

Add Update Delete Assy DisAssy Refresh Help

Position PN: * FIN:

IPC Position: - - - - I/R AMM Reference:

Position Description: * Position:

is PP: is APU: is MLG: is NLG: is PROP: is MGBX: is TGBX: is Strct:

Remarks:

TSN: TSO: TSI: TSR: TAPU:
 CSN: CSO: CSI: CSR: CAPU:

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,

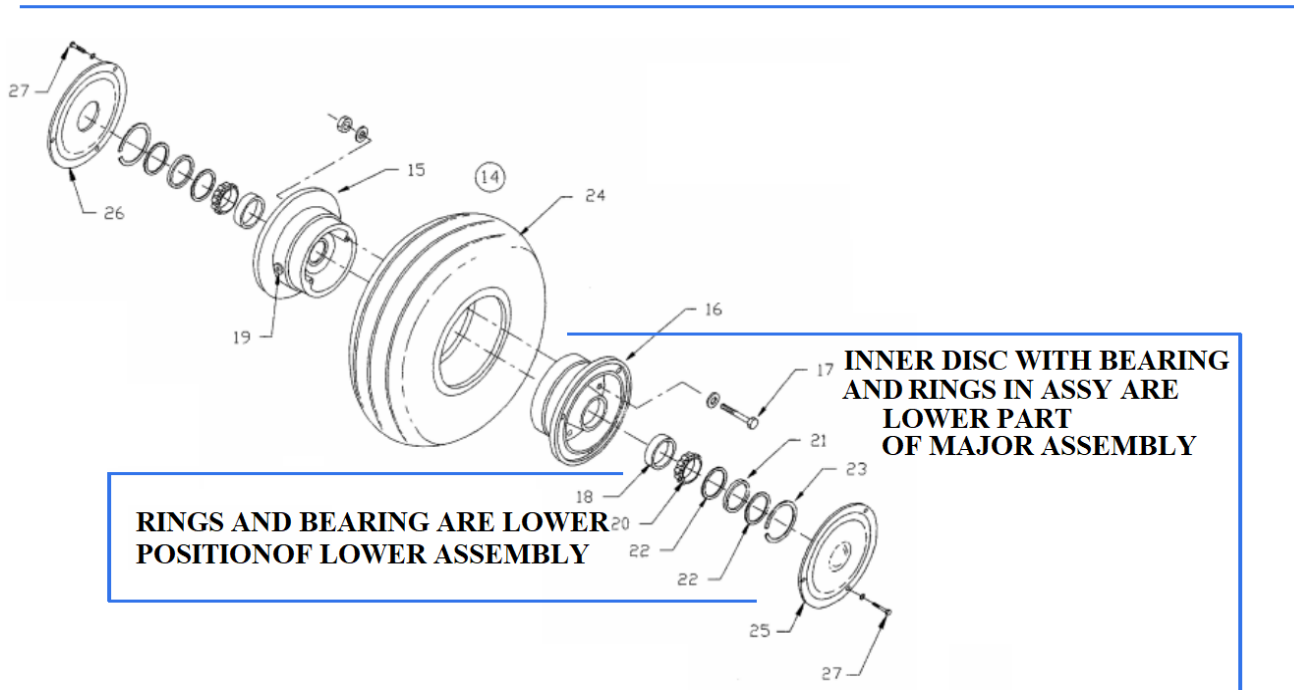
CSR – Cycles since repair,

CAPU – APU cycles.

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

4.2. Overview of Main and Lower Assemblies

EXAMPLE

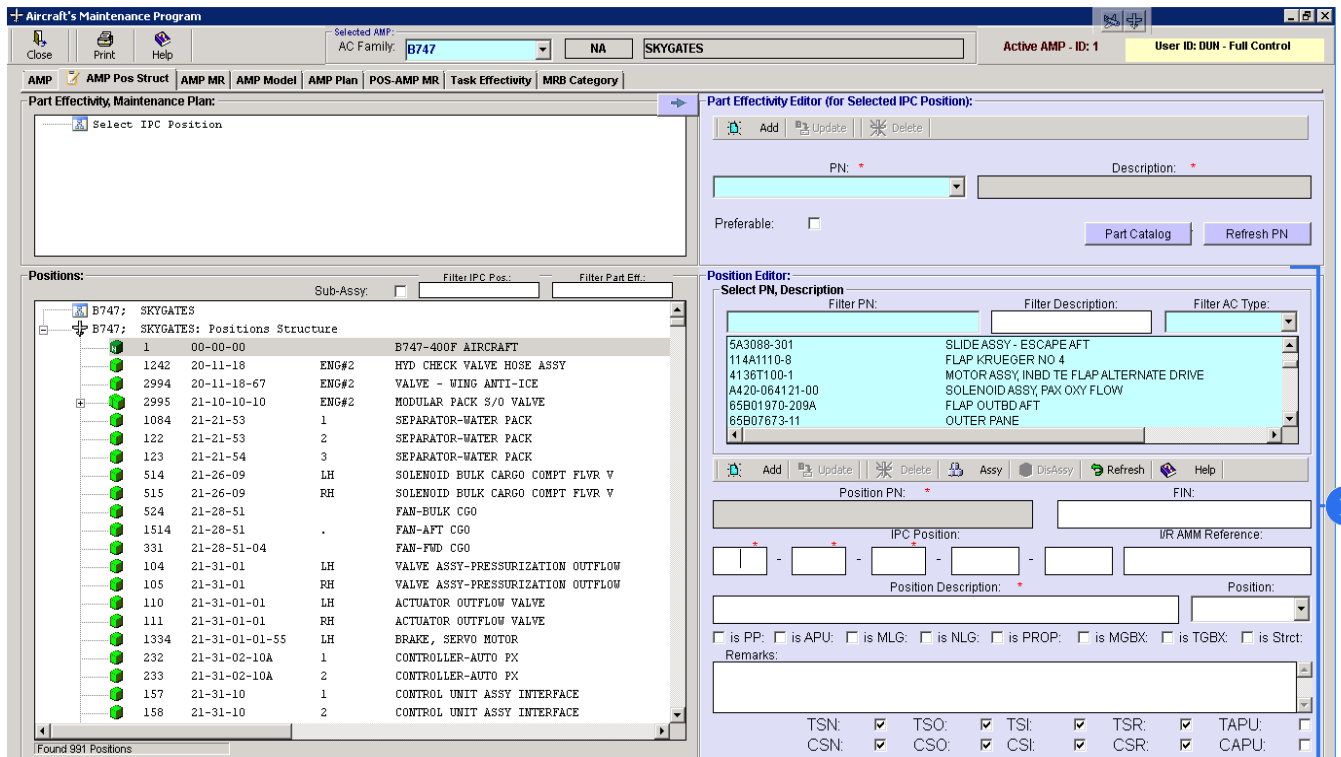


The program supports three-level structure of IPC position assembly for components registration.

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



The screenshot displays the Aircraft's Maintenance Program (AMP) interface. The top menu bar includes options like Close, Print, and Help. The main window is divided into several panes:

- Part Effectivity, Maintenance Plan:** A pane on the left with a "Select IPC Position" button.
- Positions:** A tree view showing the structure for B747 SKYGATES. The selected position is B747-400F AIRCRAFT.
- Part Effectivity Editor (for Selected IPC Position):** A central pane with fields for PN (Part Number) and Description. It includes buttons for Add, Update, Delete, Part Catalog, and Refresh PN.
- Position Editor:** A pane on the right with a list of parts (PN and Description) and a "Select PN, Description" filter. It includes fields for Position PN, FIN, IPC Position, and I/R AMM Reference. A blue circle with the number "1" is overlaid on the Position Editor pane.

At the bottom of the Position Editor, there are checkboxes for various attributes: TSN, CSN, TSO, CSO, TSI, CSI, TSR, CSR, TAPU, and CAPU.

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.

Position Editor: Main Assy Substitution - 4

Select PN, Description

Filter PN: Filter Description: recorder Filter AC Type:

2100-4043-00	RECORDER - FLIGHT DATA	31	B737-CL
2100-4045-22	RECORDER - FLIGHT DATA	31	B737-NG
233A3211-1	MODULE VOICE RECORDER	23	B737-NG
82370001-003	RECORDER INSTL, COCKPIT VOICE		Q300
93A100-80	RECORDER, COCKPIT VOICE		Q300
93A152-20	PANEL - COCKPIT VOICE RECORDER	23	B737-CL
980-4700-001	RECORDER - FLIGHT DATA	31	B737-CL

Add Update Delete Assy DisAssy Refresh Help

Position PN: * FIN:

IPC Position: * I/R AMM Reference: *

Position Description: * Position:

is PP: is APU: is MLG: is NLG: is PROP: is MGBX: is TGBX: is Strct:

Remarks:

TSN: TSO: TSI: TSR: TAPU:
 CSN: CSO: CSI: CSR: CAPU:

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.

Aircraft's Maintenance Program

Selected AMP: AC Family: SKYGATES Active AMP - ID: 1 User ID: DUN - Full Control

AMP AMP Pos Struct AMP MR AMP Model AMP Plan POS-AMP MR Task Effectivity MRB Category

Part Effectivity, Maintenance Plan:

Part	Effectivity:	Recorder - Flight Data	Preferable:
5144	2100-4043-00	RECORDER - FLIGHT DATA	Preferable: Y
5145	980-4700-001	RECORDER - FLIGHT DATA	Preferable:
5146	2100-4045-22	RECORDER - FLIGHT DATA	Preferable:
5147	980-4700-042	RECORDER FLIGHT DATA	Preferable:
5148	AP41117101	RECORDER FLIGHT DATA	Preferable:

Part Maintenance Plan:

Positions:

Sub-Assy:	Filter IPC Pos:	Filter Part Eff:
279 30-41-01-01A LH	UNIT-WINDOW HEAT CTRL FWD	
280 30-41-01-01A RH	UNIT-WINDOW HEAT CTRL FWD	
1617 30-71-03	WATER HEATER	
892 31-12-11-48 AJ	MODULE-FIRE EXT ENG APU	
3003 31-21-3-a	RECORDER - FLIGHT DATA	
894 31-25-00 F/O	CLOCK -FIRST OFFICER	
893 31-25-00-02 CAPT	CLOCK -CAPTAIN	
282 31-35-01-02A	UNIT-ACMS DATA MANAGEMENT	
281 31-35-02	RECORDER-QUICK ACCESS	
1266 31-35-02	OPTICAL DISK	
1517 31-41-06 18R	LOAD SENSOR	
1345 31-41-51 RH AFT	INCLINOMETR	
1344 31-41-51 RH FWD	INCLINOMETR	
1594 31-51-00 A14	PRINTED CIRCUIT ASSY	

Position Editor:

Select PN, Description

Filter PN:	Filter Description:	Filter AC Type:
2100-4043-00	RECORDER - FLIGHT DATA 31	B737-CL
2100-4045-22	RECORDER - FLIGHT DATA 31	B737-NG
233A3211-1	MODULE VOICE RECORDER 23	B737-NG
82370001-003	RECORDER INSTL COCKPIT VOICE	Q300
93A100-80	RECORDER, COCKPIT VOICE	Q300
93A152-20	PANEL - COCKPIT VOICE RECORDER 23	B737-CL
980-4700-001	RECORDER - FLIGHT DATA 31	B737-CL

Position PN: 2100-4043-00 FIN:

IPC Position: 31 - 21 - 3 - a I/R AMM Reference:

Position Description: RECORDER - FLIGHT DATA Position:

is PP: is APU: is MLG: is NLG: is PROP: is MGBX: is TGBX: is Strct:

Remarks:

TSN: TSO: TSI: TSR: TAPU:
 CSN: CSO: CSI: CSR: CAPU:

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.

Position Editor: Assy Substitution - 2

Select PN, Description

Filter PN: Filter Description: Filter AC Type:

1290M18P01	VALVE UNDER COWL COOLING AIR	UNK	B747-400F
DK100	BEACON - UNDERWATER LOCATOR	23	B737-NG
DK120	BEACON - UNDERWATER LOCATOR	23	B747-400F
ELP362DS	BEACON, UNDERWATER LOCATOR		B747-400F
HS3701	LIFE VEST-PASSENGER ONE UNDER EACH SEAT	25	B737-NG

Position PN: * FIN:

IPC Position: - - - -

I/R AMM Reference:

Position Description: * Position:

is PP:
 is APU:
 is MLG:
 is NLG:
 is PROP:
 is MGBX:
 is TGBX:
 is Strct:

Remarks:

TSN: TSO: TSI: TSR: TAPU:
 CSN: CSO: CSI: CSR: CAPU:

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

4. Push "Assy" button to open the screen.

Select Existing Position to Add New Position:

892	NA	31-12-11-48	AJ	MODULE-FIRE EXT ENG APU
3003	MA	31-21-3-a		RECORDER - FLIGHT DATA
894	NA	31-25-00	F/O	CLOCK -FIRST OFFICER
893	NA	31-25-00-02	CAPT	CLOCK -CAPTAIN
329	MA	31-31-01-01A		RECORDER FLIGHT DATA
1590	NA	31-31-06	MEC	DFDAC
282	NA	31-35-01-02A		UNIT-ACMS DATA MANAGEMENT
281	NA	31-35-02		RECORDER-QUICK ACCESS
1266	NA	31-35-02	.	OPTICAL DISK
1517	NA	31-41-06	18R	LOAD SENSOR
1345	NA	31-41-51	RH AFT	INCLINOMETR
1344	NA	31-41-51	RH FWD	INCLINOMETR
1594	NA	31-51-00	A14	PRINTED CIRCUIT ASSY
284	NA	31-61-01	CTR	UNIT-ELECTRICAL INTERFACE
283	NA	31-61-01	LH	UNIT-ELECTRICAL INTERFACE
285	NA	31-61-01	RH	UNIT-ELECTRICAL INTERFACE
897	NA	31-61-02	AA	IDU-EFIS CAPTAIN PFD

Filter IPC Pos.: : Major Assy : No Assy : Lower Assy : Lower Part

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.

The screenshot displays the 'Aircraft's Maintenance Program' interface. The top navigation bar includes 'AMP', 'AMP Pos Struct', 'AMP MR', 'AMP Model', 'AMP Plan', 'POS-AMP MR', 'Task Effectivity', and 'MRB Category'. The 'AMP Pos Struct' tab is active, showing a tree view of positions for aircraft family B747. The 'Part Effectivity Editor (for Selected IPC Position):' is open, with fields for 'PN' and 'Description'. Below it, the 'Position Editor' is active, showing a list of parts with a blue highlight on '5A3088-301 SLIDE ASSY - ESCAPE AFT'. A blue circle with the number '1' is placed over the 'Substitution' button in the Position Editor.

Position ID	Position Description	Quantity	Part Description
1	00-00-00		B747-400F AIRCRAFT
1242	20-11-18	ENG#2	HYD CHECK VALVE HOSE ASSY
2994	20-11-18-67	ENG#2	VALVE - WING ANTI-ICE
2995	21-10-10-10	ENG#2	MODULAR PACK S/O VALVE
1084	21-21-53	1	SEPARATOR-WATER PACK
122	21-21-53	2	SEPARATOR-WATER PACK
123	21-21-54	3	SEPARATOR-WATER PACK
514	21-26-09	LH	SOLENOID BULK CARGO COMPT FLVR V
515	21-26-09	RH	SOLENOID BULK CARGO COMPT FLVR V
524	21-28-51		FAM-BULK CGO
1514	21-28-51		FAM-AFT CGO
331	21-28-51-04		FAM-FWD CGO
104	21-31-01	LH	VALVE ASSY-PRESSURIZATION OUTFLOW
105	21-31-01	RH	VALVE ASSY-PRESSURIZATION OUTFLOW
110	21-31-01-01	LH	ACTUATOR OUTFLOW VALVE
111	21-31-01-01	RH	ACTUATOR OUTFLOW VALVE
1334	21-31-01-01-55	LH	BRAKE, SERVO MOTOR
232	21-31-02-10A	1	CONTROLLER-AUTO PX
233	21-31-02-10A	2	CONTROLLER-AUTO PX
157	21-31-10	1	CONTROL UNIT ASSY INTERFACE
158	21-31-10	2	CONTROL UNIT ASSY INTERFACE

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

Position Editor: Lower Part Substitution - 2

Select PN, Description

Filter PN: Filter Description: Filter AC Type:

5A3265-2	ASPIRATOR
21SN04-226A	SWITCH - OIL DIFF PRESSURE
224-2277-501	DOOR ASSY
3A103-0003-01-1	SEAT-SECOND OBSERVER
417U6012-312	EARPIECE ASSY
799700-1	STARTER VALVE

Add Update Delete Assy DisAssy Refresh Help

Position PN: * FIN:

IPC Position: - - - - I/R AMM Reference:

Position Description: * Position:

is PP: is APU: is MLG: is NLG: is PROP: is MGBX: is TGBX: is Strct:

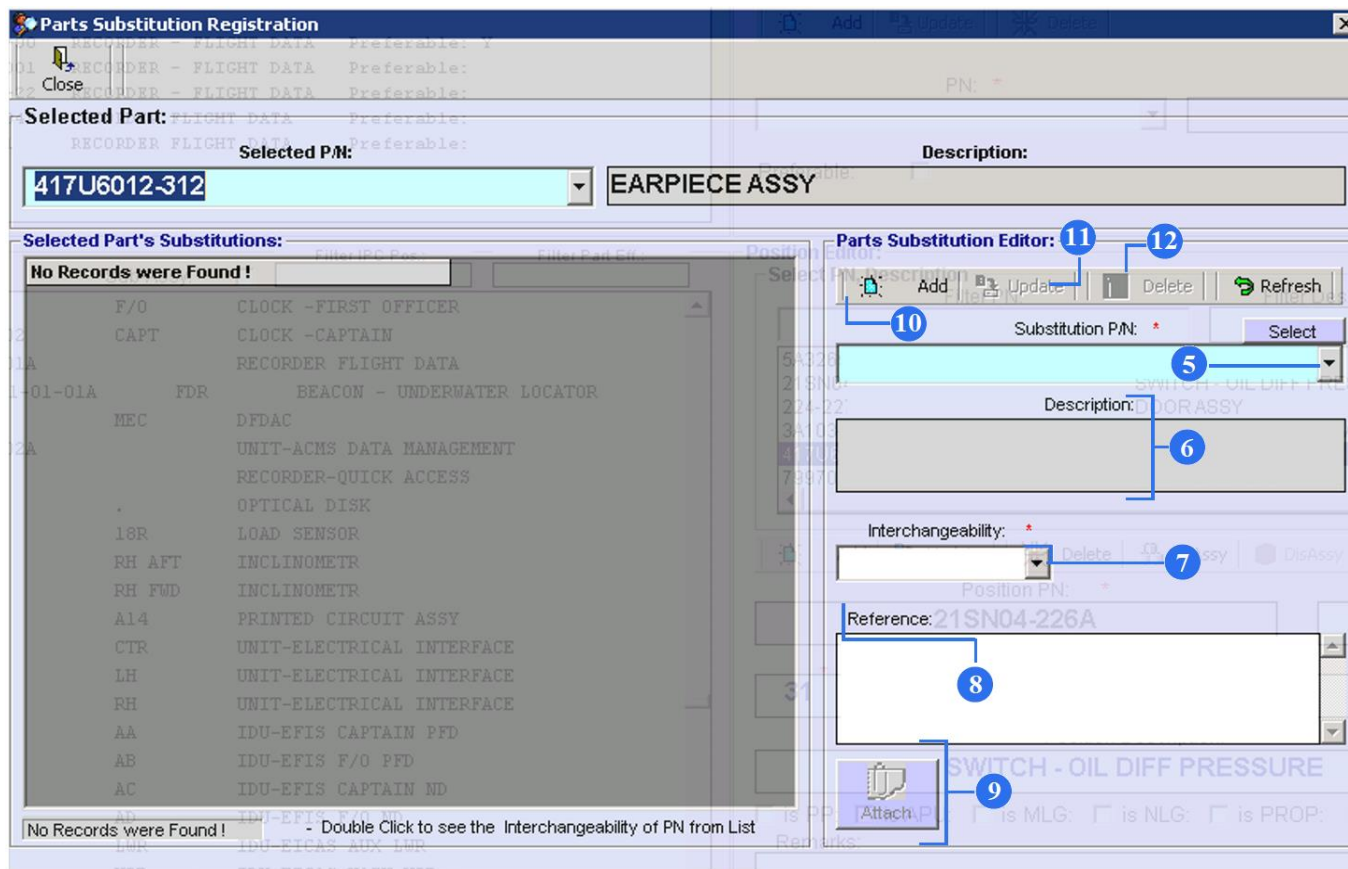
Remarks:

TSN: TSO: TSI: TSR: TAPU:
 CSN: CSO: CSI: CSR: CAPU:

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).

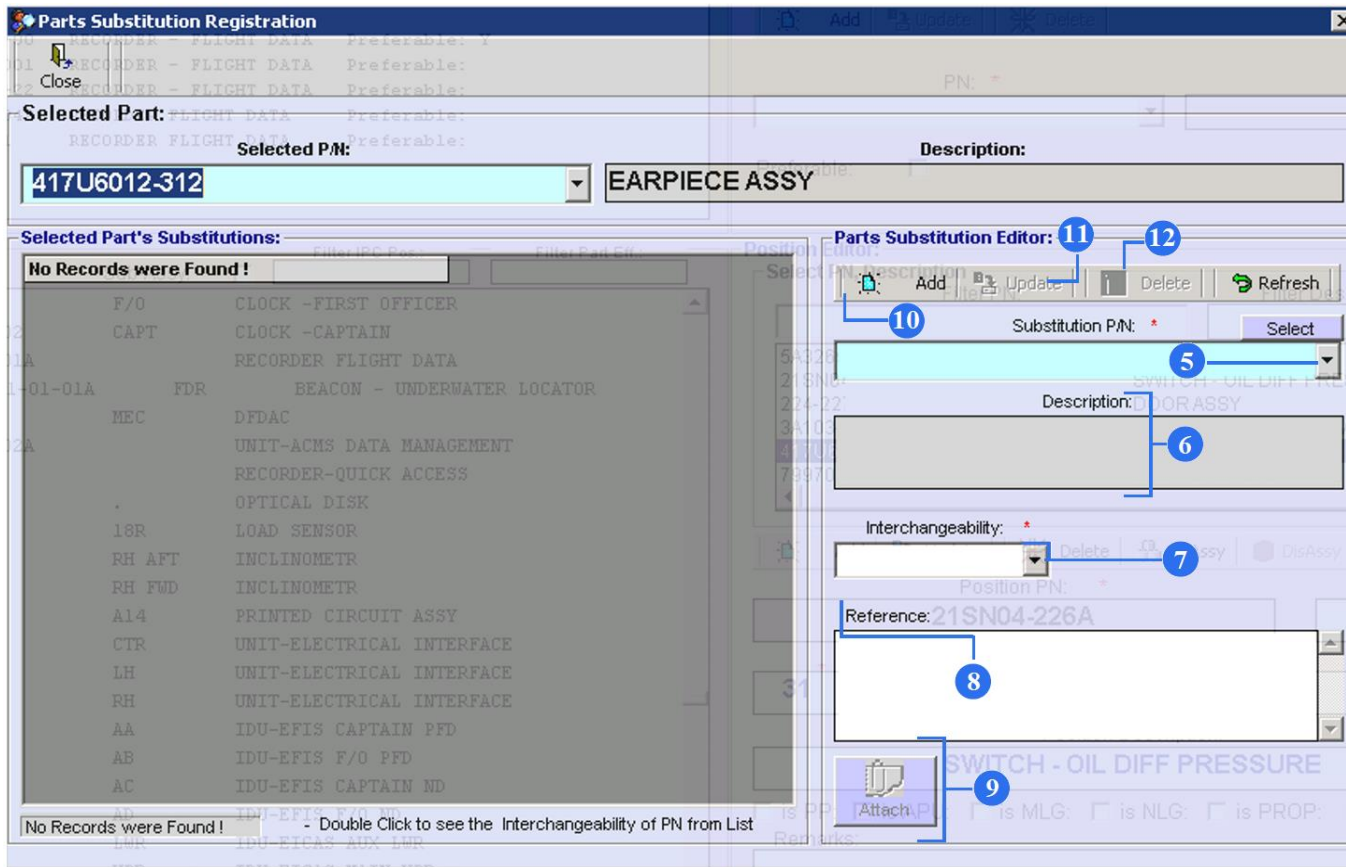
6. Description will appear automatically.

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.

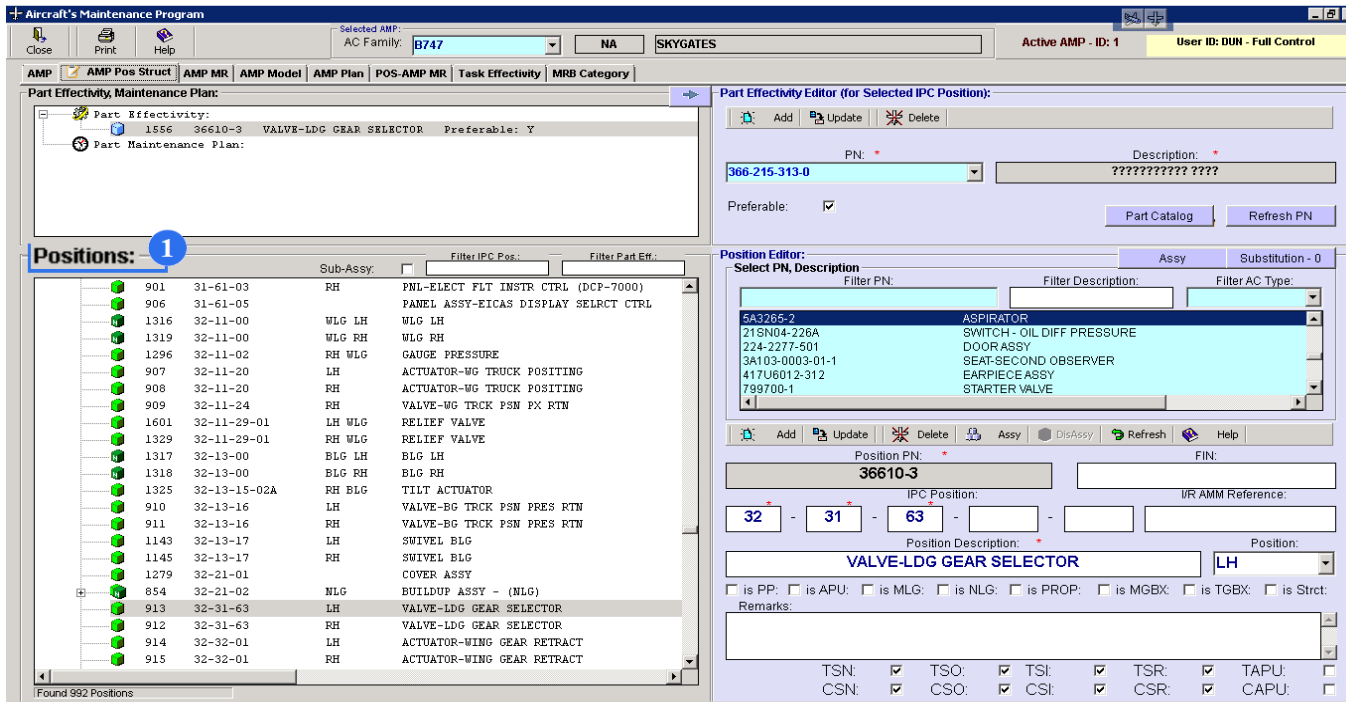


8. To update any data, select the part number from the left part of the window, change or add the required information and press the Update button.

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.


























The screenshot displays the Aircraft's Maintenance Program (AMP) interface. The main window is titled "Aircraft's Maintenance Program" and shows the "Part Effectivity Editor (for Selected IPC Position)" for the selected AMP: 1556, AC Family: B747, and Position: 36610-3. The "Positions" window is open, showing a list of positions with a blue circle and the number "1" highlighting the "Positions" tab. The "Part Effectivity Editor" shows the selected part: 366-215-313-0, Description: ?????????? ????, and Preferable: . The "Position Editor" shows the selected position: 36610-3, Description: VALVE-LDG GEAR SELECTOR, and Position: LH. The "Positions" window shows a list of positions with columns for Sub-Assy, Filter IPC Pos., and Filter Part Eff. The list includes positions such as 901, 906, 1316, 1319, 1296, 907, 908, 909, 1601, 1329, 1317, 1318, 1325, 910, 911, 1143, 1145, 1279, 854, 913, 912, 914, and 915.

Position	Sub-Assy	Filter IPC Pos.	Filter Part Eff.
901	31-61-03	RH	PNL-ELECT FLT INSTR CTRL (DCP-7000)
906	31-61-05		PANEL ASSY-EICAS DISPLAY SELRCT CTRL
1316	32-11-00	WLG LH	WLG LH
1319	32-11-00	WLG RH	WLG RH
1296	32-11-02	RH WLG	GAUGE PRESSURE
907	32-11-20	LH	ACTUATOR-WG TRUCK POSITING
908	32-11-20	RH	ACTUATOR-WG TRUCK POSITING
909	32-11-24	RH	VALVE-WG TRCK PSN PX RTN
1601	32-11-29-01	LH WLG	RELIEF VALVE
1329	32-11-29-01	RH WLG	RELIEF VALVE
1317	32-13-00	BLG LH	BLG LH
1318	32-13-00	BLG RH	BLG RH
1325	32-13-15-02A	RH BLG	TILT ACTUATOR
910	32-13-16	LH	VALVE-BG TRCK PSN PRES RTN
911	32-13-16	RH	VALVE-BG TRCK PSN PRES RTN
1143	32-13-17	LH	SHIVEL BLG
1145	32-13-17	RH	SHIVEL BLG
1279	32-21-01		COVER ASSY
854	32-21-02	NLG	BUILDUP ASSY - (NLG)
913	32-31-63	LH	VALVE-LDG GEAR SELECTOR
912	32-31-63	RH	VALVE-LDG GEAR SELECTOR
914	32-32-01	LH	ACTUATOR-WING GEAR RETRACT
915	32-32-01	RH	ACTUATOR-WING GEAR RETRACT

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

Positions:

Sub-Assy: Filter IPC Pos.: Filter Part Eff.:

			Sub-Assy.		
	901	31-61-03	RH		PNL-ELECT FLT INSTR CTRL (DCP-7000)
	906	31-61-05			PANEL ASSY-EICAS DISPLAY SELRCT CTRL
	1316	32-11-00	WLG LH		WLG LH
	1319	32-11-00	WLG RH		WLG RH
	1296	32-11-02	RH WLG		GAUGE PRESSURE
	907	32-11-20	LH		ACTUATOR-WG TRUCK POSITING
	908	32-11-20	RH		ACTUATOR-WG TRUCK POSITING
	909	32-11-24	RH		VALVE-WG TRCK PSM PX RTN
	1601	32-11-29-01	LH WLG		RELIEF VALVE
	1329	32-11-29-01	RH WLG		RELIEF VALVE
	1317	32-13-00	BLG LH		BLG LH
	1318	32-13-00	BLG RH		BLG RH
	1325	32-13-15-02A	RH BLG		TILT ACTUATOR
	910	32-13-16	LH		VALVE-BG TRCK PSM PRES RTN
	911	32-13-16	RH		VALVE-BG TRCK PSM PRES RTN
	1143	32-13-17	LH		SWIVEL BLG
	1145	32-13-17	RH		SWIVEL BLG
	1279	32-21-01			COVER ASSY
	854	32-21-02	MLG		BUILDUP ASSY - (MLG)
	913	32-31-63	LH		VALVE-LDG GEAR SELECTOR
	912	32-31-63	RH		VALVE-LDG GEAR SELECTOR
	914	32-32-01	LH		ACTUATOR-WING GEAR RETRACT
	915	32-32-01	RH		ACTUATOR-WING GEAR RETRACT

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

Part Effectivity, Maintenance Plan:

Part Effectivity:
 1556 36610-3 VALVE-LDG GEAR SELECTOR Preferable: Y

Part Maintenance Plan:

Positions:

Sub-Assy: Filter IPC Pos.: Filter Part Eff.:

910	32-13-16	LH	VALVE-BG TRCK PSN PRES RTN
911	32-13-16	RH	VALVE-BG TRCK PSN PRES RTN
1143	32-13-17	LH	SWIVEL BLG
1145	32-13-17	RH	SWIVEL BLG
1279	32-21-01		COVER ASSY
854	32-21-02	NLG	BUILDUP ASSY - (NLG)
913	32-31-63	LH	VALVE-LDG GEAR SELECTOR
912	32-31-63	RH	VALVE-LDG GEAR SELECTOR
914	32-32-01	LH	ACTUATOR-WING GEAR RETRACT
915	32-32-01	RH	ACTUATOR-WING GEAR RETRACT
916	32-32-02	LH	VALVE-WG DOOR OPERATED SEQ
917	32-32-02	RH	VALVE-WG DOOR OPERATED SEQ

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

Part Effectivity Editor (for Selected IPC Position):

Add Update Delete

PN: * Description: *

366-215-313-0 ?????????????? ???? ?

Preferable: Part Catalog Refresh PN

Assy Substitution - 0

Select PN, Description

Filter PN: Filter Description: Filter AC Type:

5A3265-2	ASPIRATOR	
21SN04-226A	SWITCH - OIL DIFF PRESSURE	
224-2277-501	DOOR ASSY	
3A103-0003-01-1	SEAT-SECOND OBSERVER	
417U6012-312	EARPIECE ASSY	
799700-1	STARTER VALVE	

Add Update Delete Assy DisAssy Refresh Help

Position PN: * FIN:

36610-3

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.

Part Effectivity, Maintenance Plan:

Part Effectivity:

1556	36610-3	VALVE-LDG GEAR SELECTOR	Preferable:
5151	366-215-313-0	????????????? ???? ?	Preferable: Y

Part Maintenance Plan:

Positions:

Sub-Assy: Filter IPC Pos.: Filter Part Eff.:

















910	32-13-16	LH	VALVE-BG TRCK PSN PRES RTN
911	32-13-16	RH	VALVE-BG TRCK PSN PRES RTN
1143	32-13-17	LH	SWIVEL BLG
1145	32-13-17	RH	SWIVEL BLG
1279	32-21-01		COVER ASSY
854	32-21-02	NLG	BUILDUP ASSY - (NLG)
913	32-31-63	LH	VALVE-LDG GEAR SELECTOR
912	32-31-63	RH	VALVE-LDG GEAR SELECTOR
914	32-32-01	LH	ACTUATOR-WING GEAR RETRACT
915	32-32-01	RH	ACTUATOR-WING GEAR RETRACT

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

Positions:

6 Sub-Assy: Filter IPC Pos.: Filter Part Eff.:

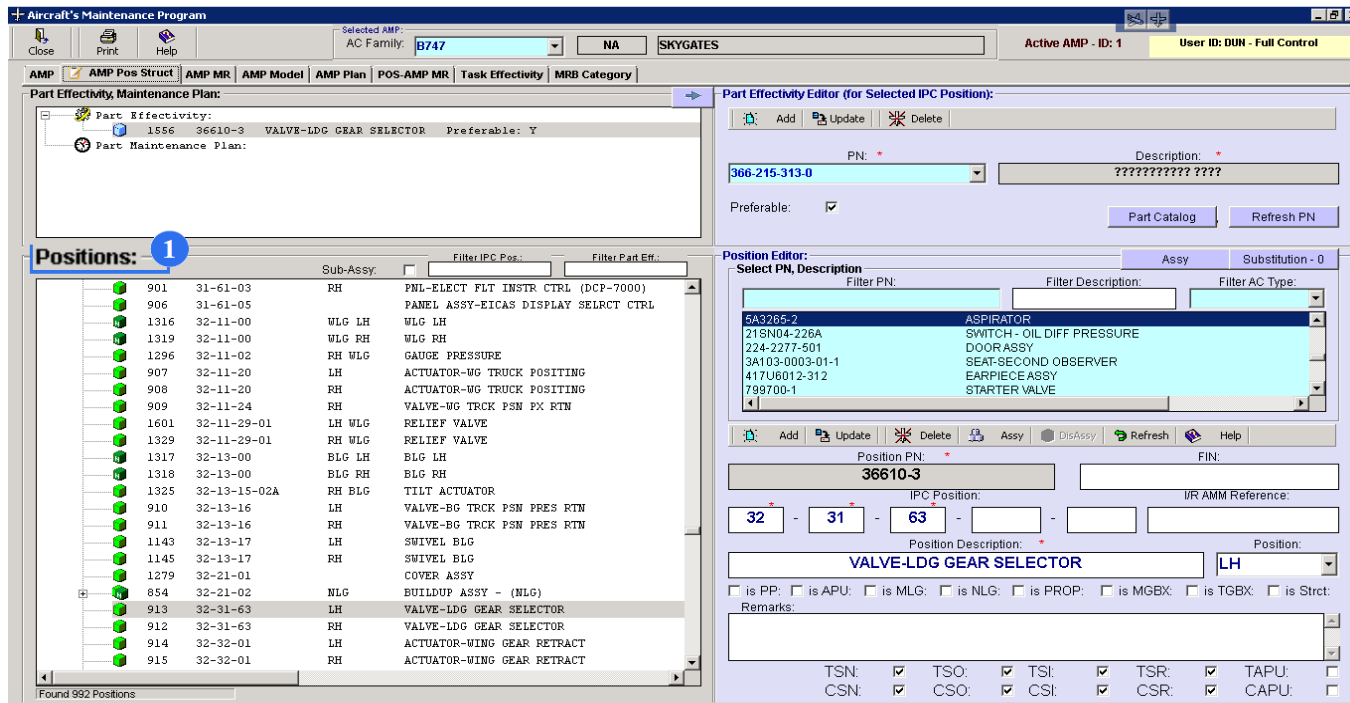
	1129	35-31-00	STA384LH	PORTABLE OXYGEN BOTTLE
	1130	35-31-00	STA384RH	PORTABLE OXYGEN BOTTLE
	1131	35-31-00	STA480 1	PORTABLE OXYGEN BOTTLE
	1132	35-31-00	STA480 2	PORTABLE OXYGEN BOTTLE
	1127	35-31-00	UPR	PORTABLE OXYGEN BOTTLE
	1133	35-31-00-38	COCKPIT	MASK (FULL FACE) FOR PORT.BOTTLE
	1311	35-31-00-38	LWR	MASK AY EMERGENCY EQUIPMENT
	1312	35-31-00-38	STA384 L	MASK AY EMERGENCY EQUIPMENT
	1313	35-31-00-38	STA384 R	MASK AY EMERGENCY EQUIPMENT
	1314	35-31-00-38	STA480 L	MASK AY EMERGENCY EQUIPMENT
	1315	35-31-00-38	STA480 R	MASK AY EMERGENCY EQUIPMENT
	1310	35-31-00-38	UPR	MASK AY EMERGENCY EQUIPMENT
	1009	36-11-04	#1	VALVE-PYLON
	1010	36-11-04	#2	VALVE-PYLON
	1011	36-11-04	#3	VALVE-PYLON
	1012	36-11-04	#4	VALVE-PYLON

1 2 3 4 5

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.


























The screenshot shows the 'Aircraft's Maintenance Program' interface. The 'Positions' window is active, displaying a list of aircraft positions. A red circle highlights the 'Positions' tab. The 'Part Effectivity Editor' and 'Position Editor' are also visible.

Position No.	Sub-Assy	Description
901	31-61-03	RH PNL-ELECT FLT INSTR CTRL (DCP-7000)
906	31-61-05	PANEL ASSY-EICAS DISPLAY SELCT CTRL
1316	32-11-00	WLG LH WLG LH
1319	32-11-00	WLG RH WLG RH
1296	32-11-02	RH WLG GAUGE PRESSURE
907	32-11-20	LH ACTUATOR-WG TRUCK POSITING
908	32-11-20	RH ACTUATOR-WG TRUCK POSITING
909	32-11-24	RH VALVE-WG TRCK PSN FX RTM
1601	32-11-29-01	LH WLG RELIEF VALVE
1329	32-11-29-01	RH WLG RELIEF VALVE
1317	32-13-00	BLG LH BLG LH
1318	32-13-00	BLG RH BLG RH
1325	32-13-15-02A	RH BLG TILT ACTUATOR
910	32-13-16	LH VALVE-BG TRCK PSN PRES RTM
911	32-13-16	RH VALVE-BG TRCK PSN PRES RTM
1143	32-13-17	LH SWIVEL BLG
1145	32-13-17	RH SWIVEL BLG
1279	32-21-01	COVER ASSY
854	32-21-02	NLG BUILDUP ASSY - (NLG)
913	32-31-63	LH VALVE-LDG GEAR SELECTOR
912	32-31-63	RH VALVE-LDG GEAR SELECTOR
914	32-32-01	LH ACTUATOR-WING GEAR RETRACT
915	32-32-01	RH ACTUATOR-WING GEAR RETRACT

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

Positions:

Sub-Assy: Filter IPC Pos.: Filter Part Eff.:

	1129	35-31-00	STA384LH	PORTABLE OXYGEN BOTTLE
	1130	35-31-00	STA384RH	PORTABLE OXYGEN BOTTLE
	1131	35-31-00	STA480 1	PORTABLE OXYGEN BOTTLE
	1132	35-31-00	STA480 2	PORTABLE OXYGEN BOTTLE
	1127	35-31-00	UPR	PORTABLE OXYGEN BOTTLE
	1133	35-31-00-38	COCKPIT	MASK (FULL FACE) FOR PORT.BOTTLE
	1311	35-31-00-38	LWR	MASK AY EMERGENCY EQUIPMENT
	1312	35-31-00-38	STA384 L	MASK AY EMERGENCY EQUIPMENT
	1313	35-31-00-38	STA384 R	MASK AY EMERGENCY EQUIPMENT
	1314	35-31-00-38	STA480 L	MASK AY EMERGENCY EQUIPMENT
	1315	35-31-00-38	STA480 R	MASK AY EMERGENCY EQUIPMENT
	1310	35-31-00-38	UPR	MASK AY EMERGENCY EQUIPMENT
	1009	36-11-04	#1	VALVE-PYLON
	1010	36-11-04	#2	VALVE-PYLON
	1011	36-11-04	#3	VALVE-PYLON
	1012	36-11-04	#4	VALVE-PYLON
	1527	36-11-06	3	VALVE CONTROLLER
	1013	36-11-08		VALVE-APU CHK
	1014	36-11-09	APU	VALVE AIR SHUTOFF
	228	36-11-12	LH	VALVE-WING ISOL
	229	36-11-12	RH	VALVE-WING ISOL
	1275	36-11-21		VALVE-FIREWALL SHUT OFF
	1276	36-11-21	.	VALVE-FIREWALL SHUT OFF

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

Part Effectivity, Maintenance Plan:

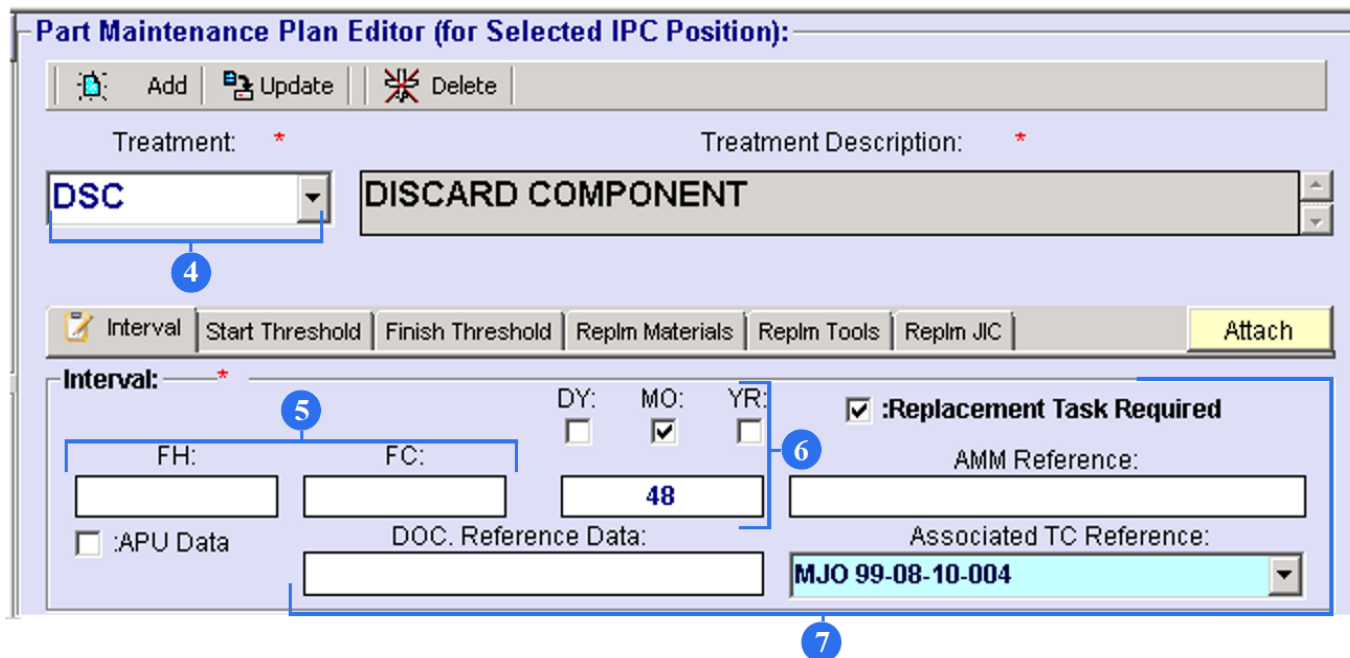
Part Effectivity:
 Part Maintenance Plan:
 1091 DSC DISCARD COMPONENT
 Repetitive Interval: 3 YR;

Positions:

Sub-Assy: Filter IPC Pos.: Filter Part Eff.:

	1129	35-31-00	STA384LH	PORTABLE OXYGEN BOTTLE
	1130	35-31-00	STA384RH	PORTABLE OXYGEN BOTTLE
	1131	35-31-00	STA480 1	PORTABLE OXYGEN BOTTLE
	1132	35-31-00	STA480 2	PORTABLE OXYGEN BOTTLE
	1127	35-31-00	UPR	PORTABLE OXYGEN BOTTLE
	1133	35-31-00-38	COCKPIT	MASK (FULL FACE) FOR PORT.BOTTLE
	1311	35-31-00-38	LWR	MASK AY EMERGENCY EQUIPMENT
	1312	35-31-00-38	STA384 L	MASK AY EMERGENCY EQUIPMENT
	1313	35-31-00-38	STA384 R	MASK AY EMERGENCY EQUIPMENT
	1314	35-31-00-38	STA480 L	MASK AY EMERGENCY EQUIPMENT
	1315	35-31-00-38	STA480 R	MASK AY EMERGENCY EQUIPMENT
	1310	35-31-00-38	UPR	MASK AY EMERGENCY EQUIPMENT

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



The screenshot shows the 'Part Maintenance Plan Editor (for Selected IPC Position)' window. At the top, there are 'Add', 'Update', and 'Delete' buttons. Below this, the 'Treatment' dropdown is set to 'DSC' (callout 4) and the 'Treatment Description' is 'DISCARD COMPONENT'. A tabbed interface below has 'Interval' selected. In the 'Interval' section, 'FH' and 'FC' are empty, 'DY' is empty, 'MO' is '48' (callout 5), and 'YR' is empty. The ':Replacement Task Required' checkbox is checked (callout 6). The 'AMM Reference' field is empty. The 'Associated TC Reference' dropdown is set to 'MJO 99-08-10-004' (callout 7). There is also an ':APU Data' checkbox and a 'DOC. Reference Data' field.

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.

Part Effectivity:

<input checked="" type="checkbox"/>	ALL			
<input type="checkbox"/>	2192	2651-278-17	VALVE, WASTE	Y

8

Associated Treatments:

Activated Task Cards or EC:

Task EC Filter:

No Activated Tasks Were Found !

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.

Part Maintenance Plan Editor (for Selected IPC Position):

Treatment: * Treatment Description: *

DSC DISCARD COMPONENT

9 10

Interval
 Start Threshold
 Finish Threshold
 Replm Materials
 Replm Tools
 Replm JIC

Interval: *

FH:
 FC:
 DY:
 MO:
 YR:
 :Replacement Task Required

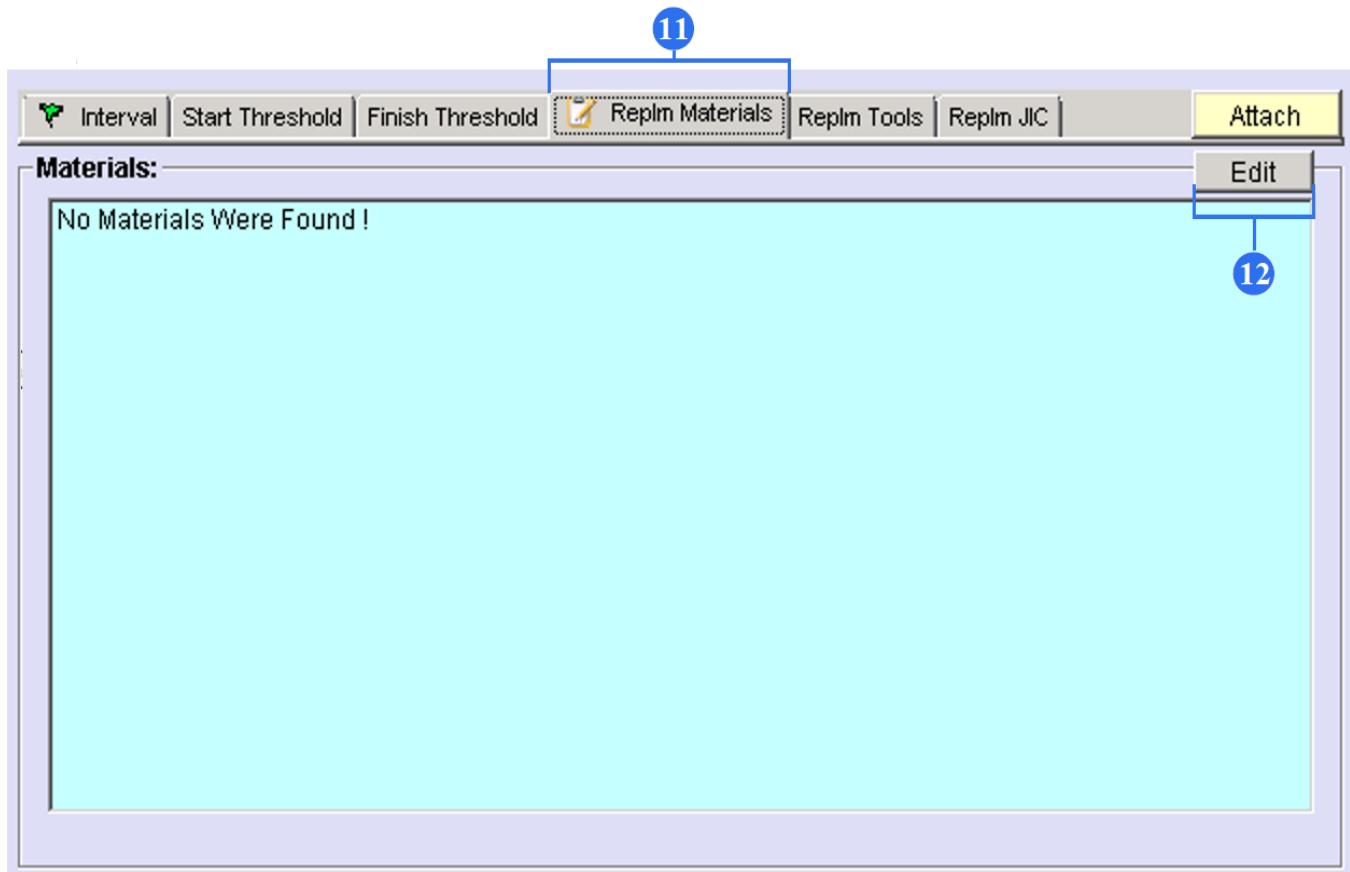
AMM Reference:

:APU Data
 DOC. Reference Data:
 Associated TC Reference:

MJO 99-08-10-004

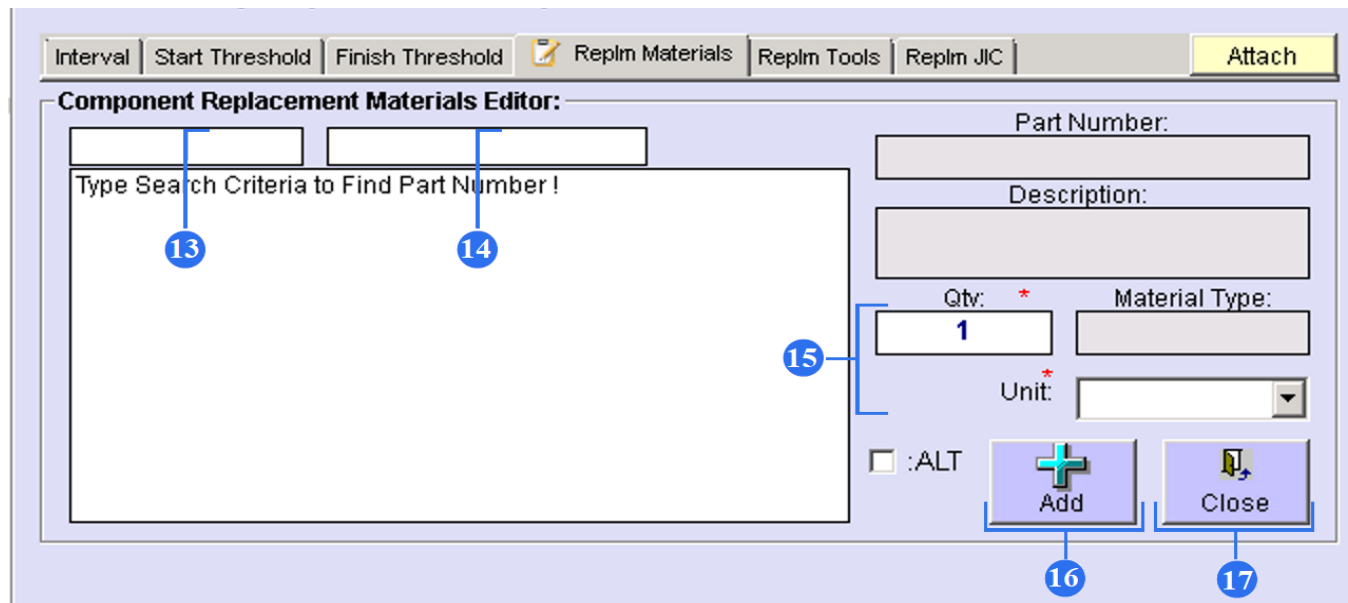
9. To set up a Start Threshold, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years). Only when the set parameters are reached, the task starts to be carried out.

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.



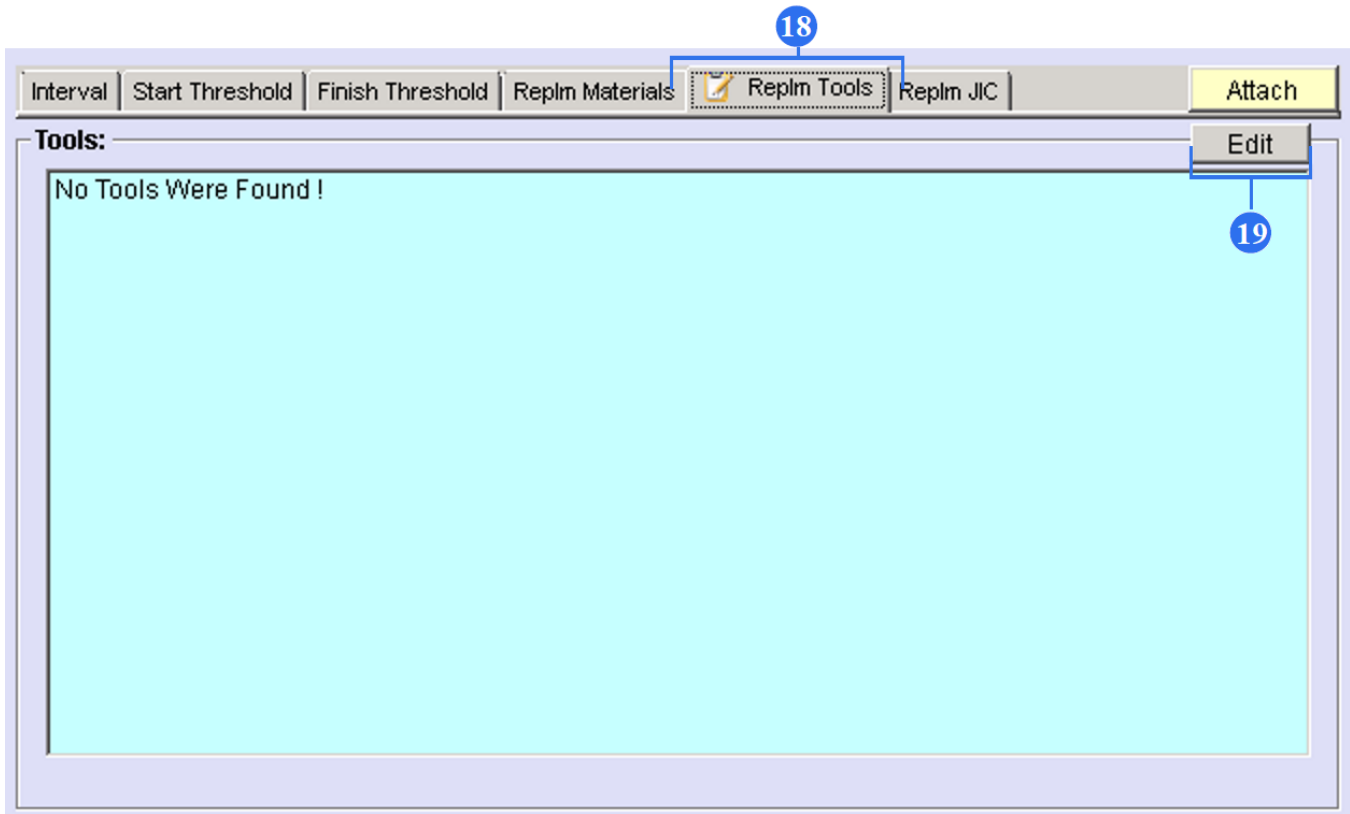
11. If it is necessary to add consumable materials during component maintenance push “Replm Materials”.

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



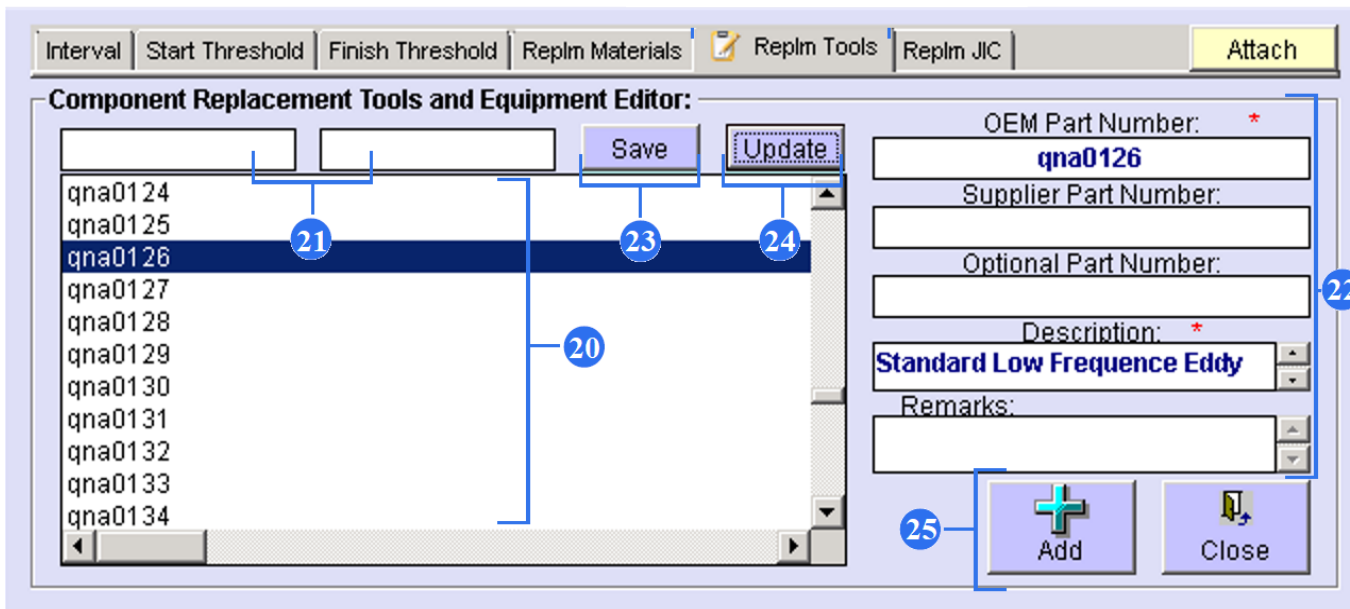
The screenshot shows the 'Component Replacement Materials Editor' window. At the top, there are tabs for 'Interval', 'Start Threshold', 'Finish Threshold', 'Replm Materials', 'Replm Tools', 'Replm JIC', and an 'Attach' button. The main area is titled 'Component Replacement Materials Editor:' and contains a large text input field with the prompt 'Type Search Criteria to Find Part Number!'. Two callouts, 13 and 14, point to the top of this field. To the right of the text field are input fields for 'Part Number:' and 'Description:'. Below these are fields for 'Qty: *' (containing '1'), 'Material Type:', and 'Unit: *'. A callout 15 points to the 'Qty' field. At the bottom left is a checkbox labeled ':ALT'. At the bottom right are two buttons: 'Add' (with a plus sign) and 'Close' (with a document icon). Callouts 16 and 17 point to the 'Add' and 'Close' buttons respectively.

- 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.

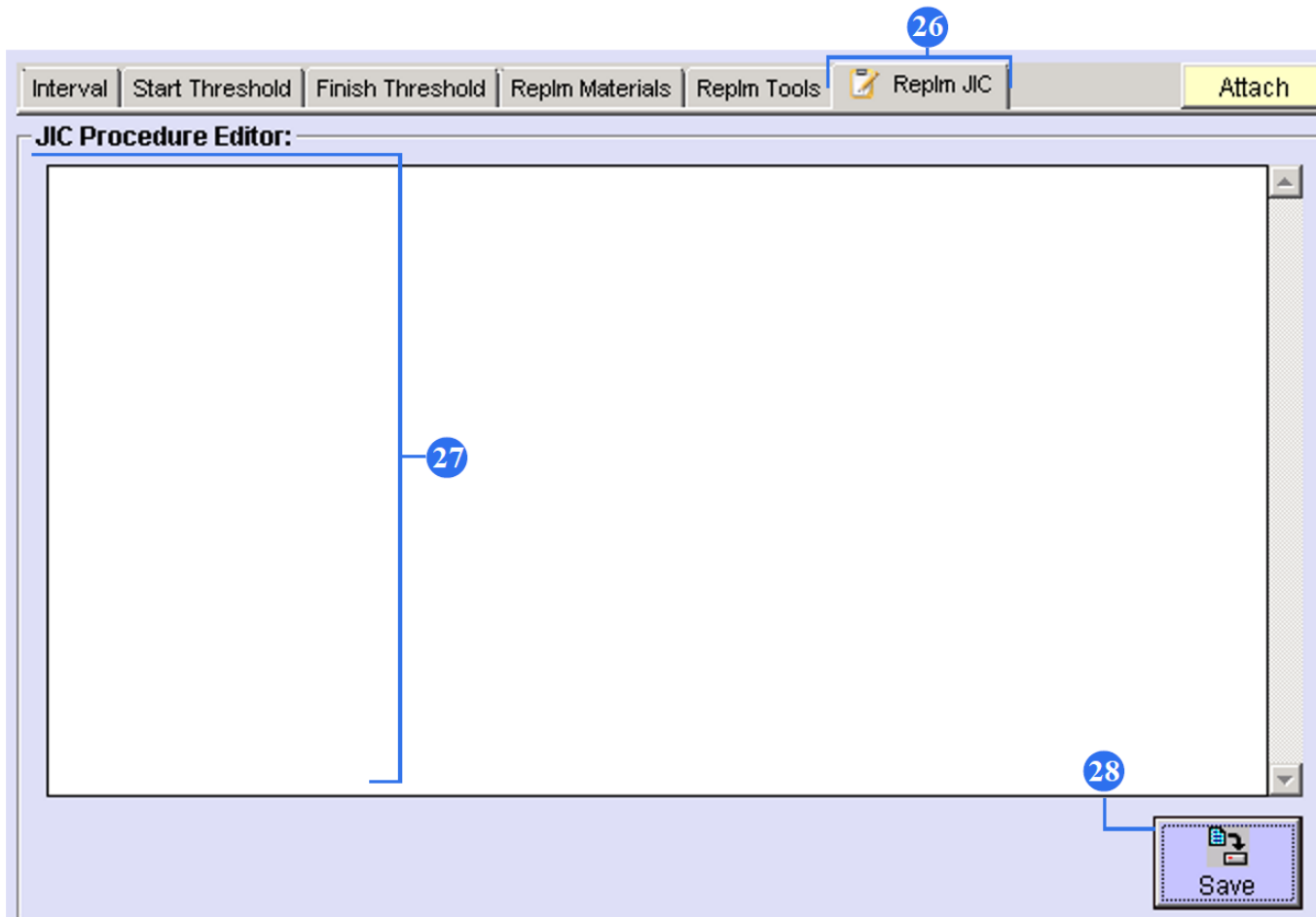


18. If it is necessary to add auxiliary tools during component maintenance push “Replm Tools”.

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.

Part Maintenance Plan Editor (for Selected IPC Position):

Add Update Delete

Treatment: * Treatment Description: *

HCT HYDROSTATIC TEST

Interval Start Threshold Finish Threshold Replm Materials Replm Tools Replm JIC Attach

Interval: * DY: MO: YR: :Replacement Task Required

FH: FC: AMM Reference:

:APU Data DOC. Reference Data: Associated TC Reference:

10

:APU Data

DOC. Reference Data: 26-021-05

Associated TC Reference: 26-021-05

Part Effectivity:

<input checked="" type="checkbox"/>	ALL			
<input type="checkbox"/>	117	33600036-2	BOTTLE-ENG FIRE EXTINGUISHER	Y
<input type="checkbox"/>	1886	33600036-1	BOTTLE ENG FIRE EXTINGUISHER	

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

Part Effectivity, Maintenance Plan:

Part Effectivity:
 369 3900011 HIGH TURBINE DISC DSC; Preferable: Y

Part Maintenance Plan:
 106 DSC DISCARD COMPONENT Associated TC Reference: (49-021-07);
 Start Threshold: 30000 AFC; PN Eff.: 3900011;

Positions:

Sub-Assy: Filter IPC Pos.: Filter Part Eff.:

1507	38-32-68	SENSOR, LIQUID LEVEL
1277	45-45-01	COMPUTER ASSY - CENTRAL MAINTENANCE COMPI
1350	46-00-00	FINAL ASSEMBLY EFBIU
239	49-00-00	APU
243	49-21-02-50-090	POWER TURBINE DISC
240	49-21-02-51-310	LOAD COMPRESSOR IMPELLER
242	49-21-02-67-340	HIGH TURBINE DISC
241	49-21-02-68-090	CENTRIFUGAL IMPELLER
1020	49-11-51	UNIT-ELECTRONIC CTRL
1021	49-15-04	ACTUATOR-APU AIR INLET DOOR

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).

Part Maintenance Plan Editor (for Selected IPC Position):

Add Update Delete

Treatment: * Treatment Description: *

HCT HYDROSTATIC TEST

Interval Start Threshold Finish Threshold Replm Materials Replm Tools Replm JIC Attach

Interval: * DY: MO: YR: :Replacement Task Required

FH: FC: 10 AMM Reference:

:APU Data DOC. Reference Data: Associated TC Reference: 26-021-05

Part Effectivity:

<input checked="" type="checkbox"/>	ALL			
<input type="checkbox"/>	117	33600036-2	BOTTLE-ENG FIRE EXTINGUISHER	Y
<input type="checkbox"/>	1886	33600036-1	BOTTLE ENG FIRE EXTINGUISHER	

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.

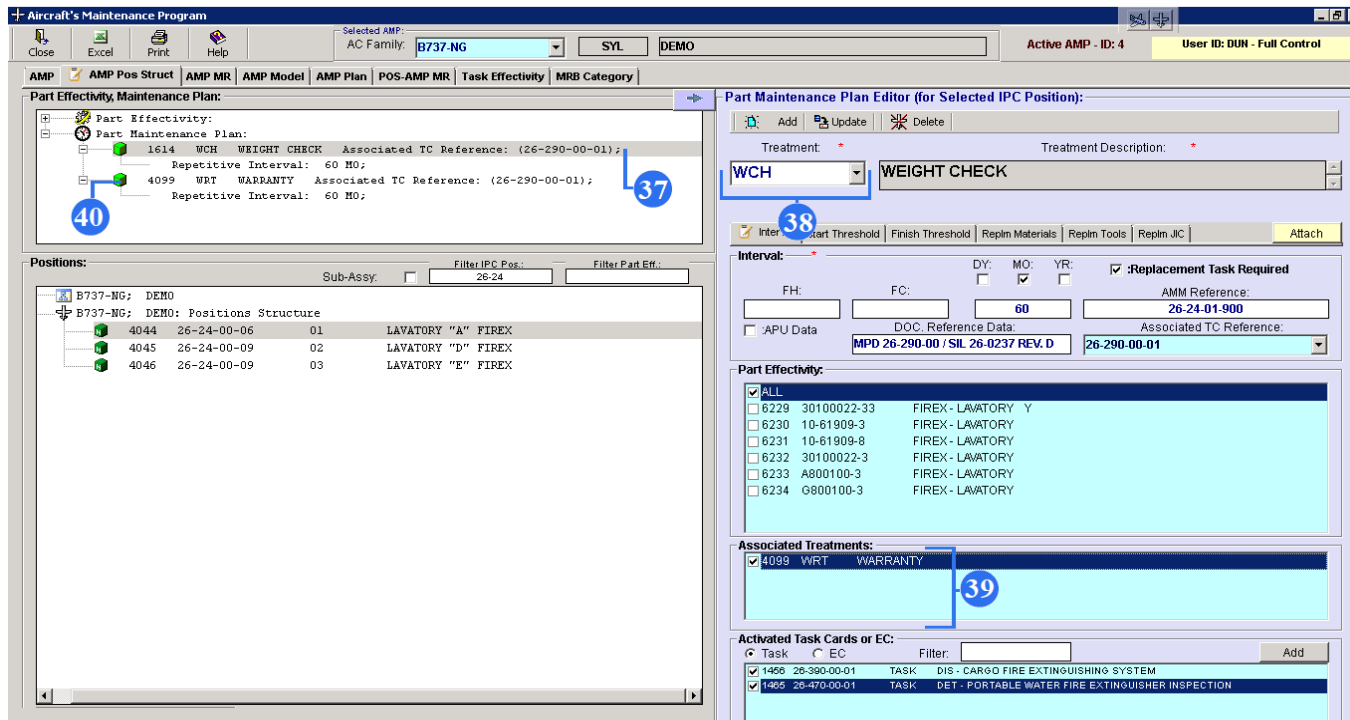
Part Effectivity, Maintenance Plan:

Part Effectivity:

2165	D2070-9	ACTUATOR-ROTARY	Preferable: Y
------	---------	-----------------	---------------

Part Maintenance Plan:

2285	FC	FUNCTIONAL CHECK
Repetitive Interval: 1500 FH;		



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

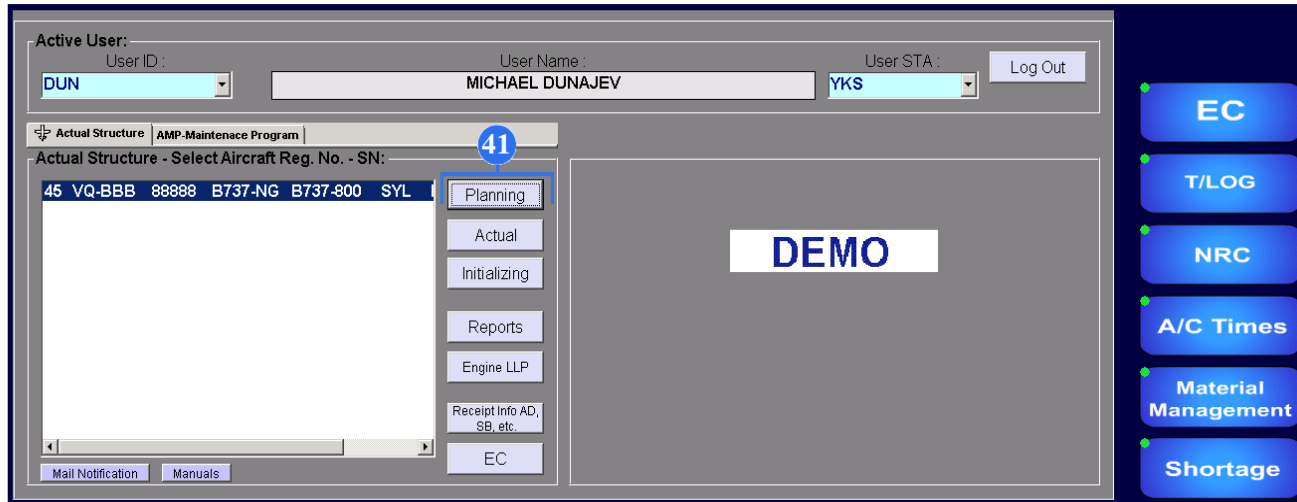
37. Highlight created treatment in the Part Maintenance Plan.

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.

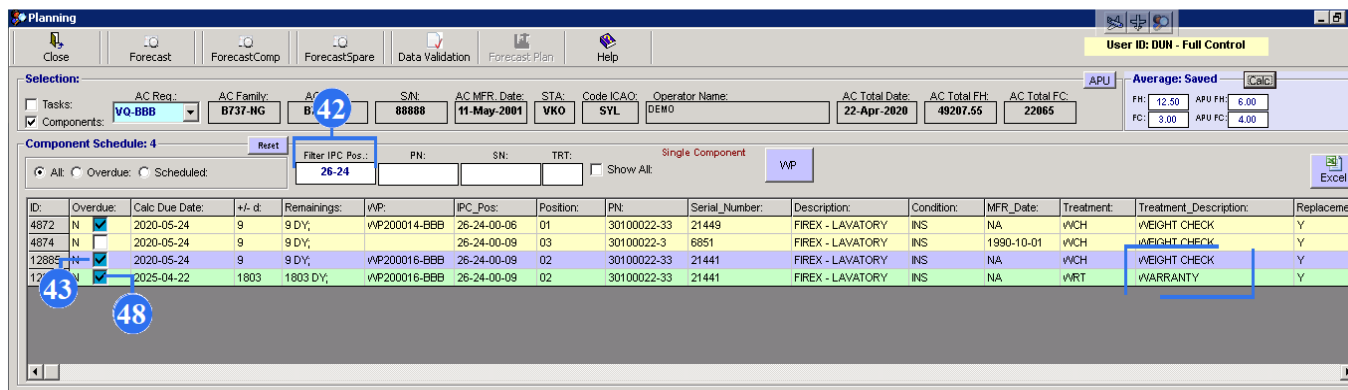


- EC
- T/LOG
- NRC
- A/C Times
- Material Management
- Shortage

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.



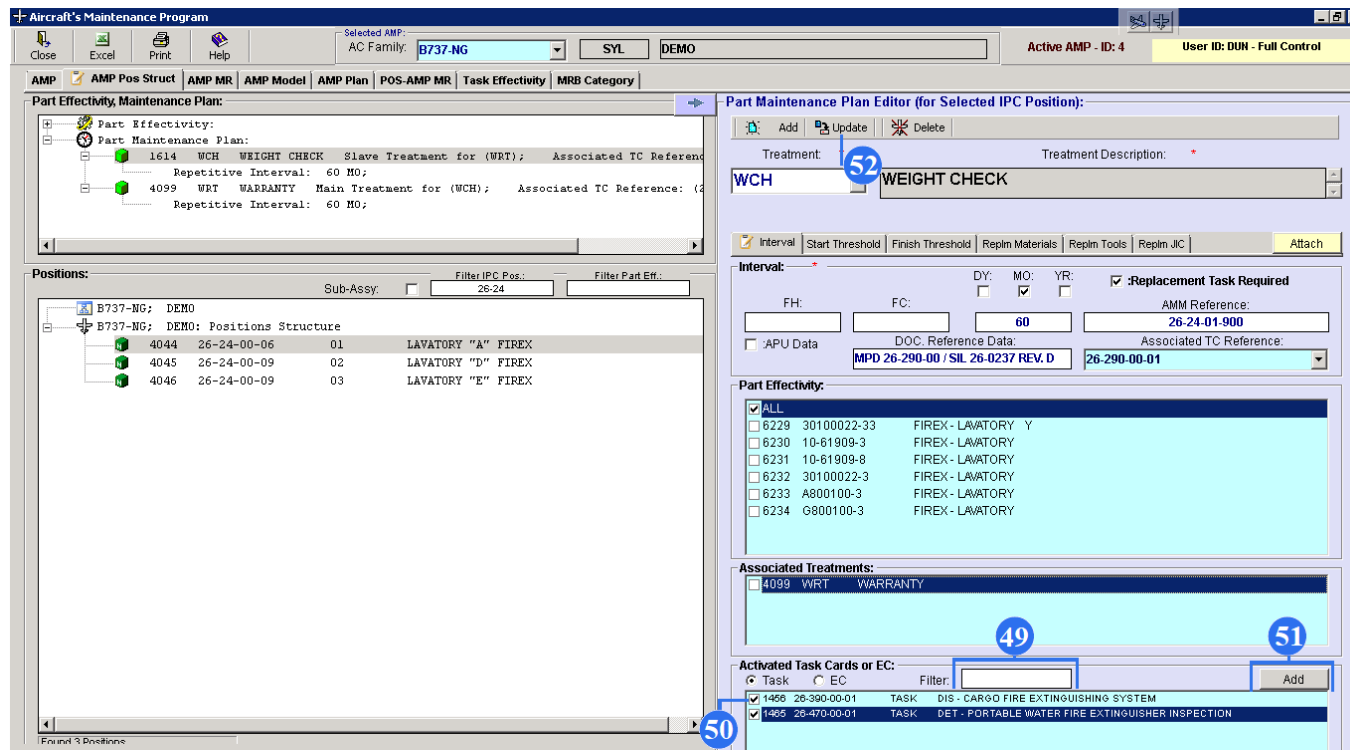
44. Select component with new treatment in the “Part Effectivity, Maintenance Plan” window.

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:

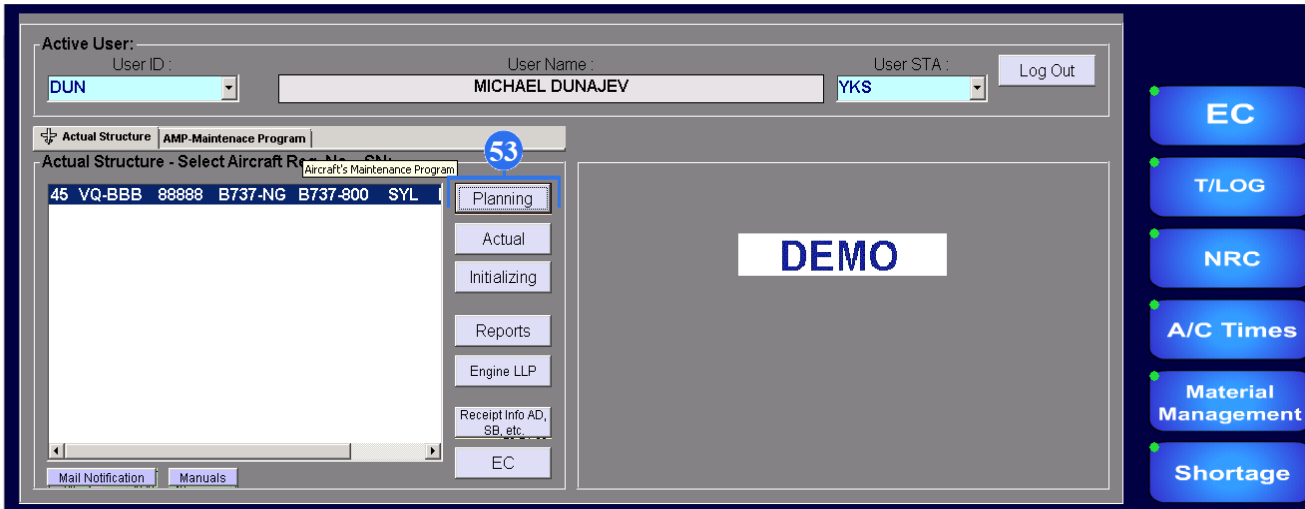
49. In the “Activated Task Cards or EC” editor use Filter field to enter task or EC. Push Enter button on your keyboard.

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

51. Click Add button.

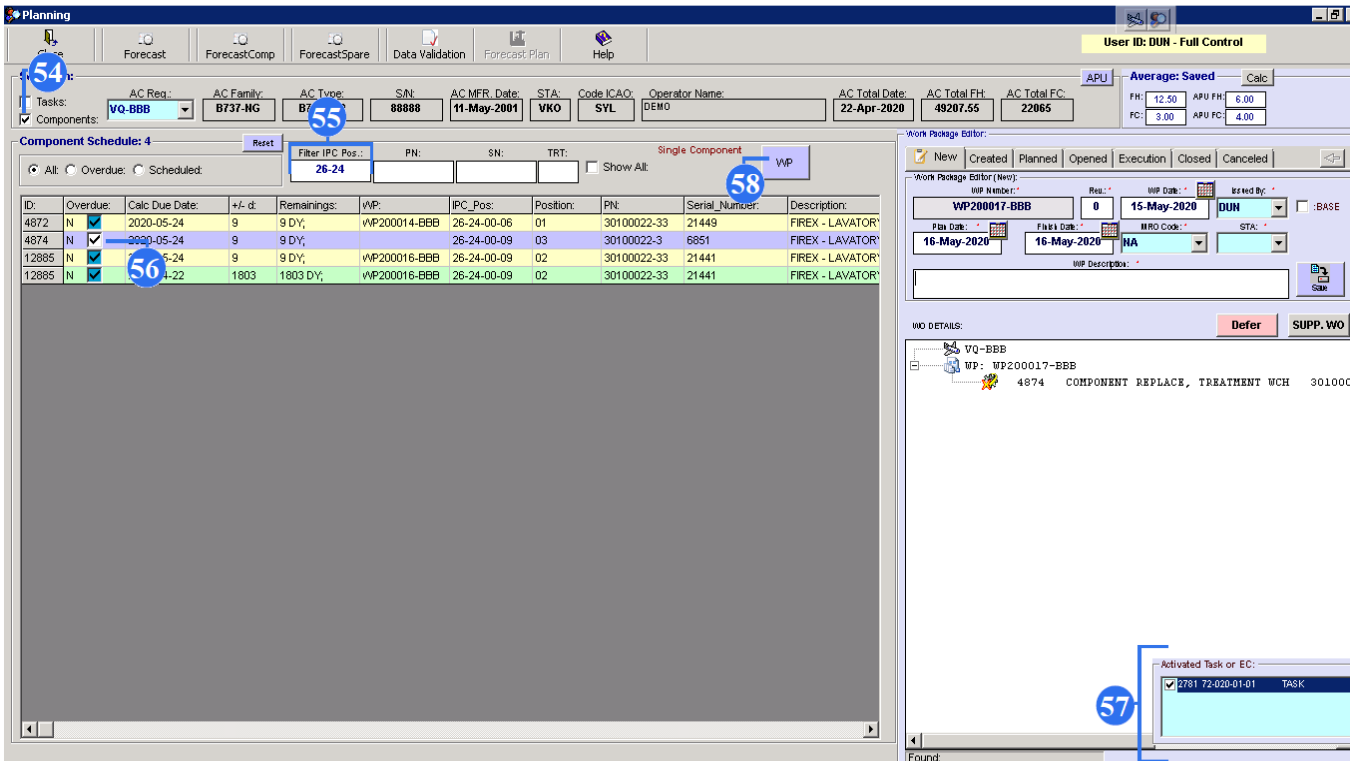
52. Don't forget to push Update button.

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.

The screenshot shows the 'Planning' application window with the 'Work Package Editor' open. The 'New' tab is active, and the 'Save' button is highlighted with a blue circle and the number 59. An 'Activate Task' dialog box is open in the foreground, with the 'Yes' button highlighted by a blue circle and the number 60. The dialog box contains the following text:

Next Activated Tasks or EC Exist for one of Selected Component:
TASK: 72-020-01-01
Confirm Add these Tasks or EC to WP!

The 'Activated Task or EC' window at the bottom right shows a list with a checked entry: 2781 72-020-01-01 TASK.

ID	Overdue	Calc Due Date	+/- dt	Remainings	WP	PC_Pos	Position	PN	Serial Number	Description
4872	N	2020-05-24	9	9 DY	WP200014-BBB	26-24-00-06	01	30100022-33	21449	FIREX - LAVATOR
4874	N	2020-05-24	9	9 DY	WP200016-BBB	26-24-00-09	03	30100022-33	6851	FIREX - LAVATOR
12885	N	2020-05-24	9	9 DY	WP200016-BBB	26-24-00-09	02	30100022-33	21441	FIREX - LAVATOR
12885	N	2025-04-22	1803	1803 DY	WP200016-BBB	26-24-00-09	02	30100022-33	21441	FIREX - LAVATOR

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.

The screenshot shows the 'Planning' software interface. At the top, there are navigation buttons like 'Close', 'Forecast', 'ForecastComp', 'ForecastSpare', 'Data Validation', 'Forecast Plan', and 'Help'. Below this is a 'Selection' section with various dropdown menus and text boxes for tasks, components, AC Reg, AC Family, AC Type, S/N, AC MFR Date, STA, Code ICAO, Operator Name, AC Total Date, AC Total FH, and AC Total FC. A 'Component Schedule: 4' table is visible, listing tasks with columns for ID, Overdue, Calc Due Date, +/- d, Remains, W/P, IPC_Pos, Position, PN, Serial Number, and Description. A 'Work Package Editor' window is open on the right, showing a 'Created' tab with a list of work packages. One work package, 'WP200017-BBB', is selected, and its details are shown in a form below, including fields for W/P Number, Res, W/P Date, Issued By, Plan Date, File Date, MRO Code, and STA. A 'Found 9 W/P' message is also visible.

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.

DEMO
WORK PACKAGE

Title: TESTING					W/P ID: WP200017-BBB	
AC Reg. No.:	Type:	MSN:	Operator:	Planning dates (from to):	Rev Date:	Rev No.:
VQ-BBB	B737-800	88888	DEMO	16-MAY-2020 - 16-MAY-2020	15-MAY-2020	0

1. W/P identifies Work Orders (WO) for performance of work required during the aircraft maintenance visit.
2. All WO enclosed in the W/P to be performed in accordance with instructions referenced therein and their completion is verified/signed by authorized personnel in appropriate Tally list below.
3. Any additional WO that Maintenance Organisation may issue for rectification of technical defects experienced at completion of listed WO, have to be referenced in the Operator WO.
4. For replaced spare parts: the reference to EASA Form 1 or equivalent, or material batches shall be clearly stated in the WO. Hard copies of EASA Form 1 or equivalent must be always attached to the WO. Details of Removed/Installed Component shall be also recorded in separate Aircraft Technical Log page with ref to the W/P and EASA Form 1 or equivalent and Tag (or Batch) No.
5. Any cancelled or uncompleted (remaining) WO shall be accepted by Operator in writing that have to be referenced in the WO, Tally list of this W/P and transferred to CRS. Hard copy of the Operator acceptance shall be attached to WO.
6. CRS must be signed upon completion of W/P. References to the W/P ID and Maintenance Organisation WO must be stated in the separate Aircraft Technical Log page.

Used Maintenance Data:
 AMM D633M101-GEF, REV 696, 15SEP2019; AIPC D638A001-GEF-0123, REV 88, 15AUG2019; FIM D638A103-GEF, REV 88A, 15SEP2019; SD S D638A101-GEF, REV 68A, 15SEP2019; SRM D634A210, REV 67, 10JUL2019; SSMD 280A212, REV 104, 03SEP2019; WDM D280A112-GEF, REV 104, 03SEP2019; MP YAKUTA PR-45-016, REV 04, TR-3, AUG 23 2019

1. Tally List-Aircraft WO.

WO	Type	Task ID	Title	Completed: Date / Sign / Stamp
WO2000070-BBB	Task	72-020-01-01	DET - LEFT ENGINE INLET AND FAN BLADES	
DEADLINE PRIOR TO 30/04/2020				

2. Tally List-Component Replacement WO.

WO ID	Part Out	IPC Reference, Part Nomenclature	Completed: Date / Sign / Stamp
WO2000069-BBB	P/N 30100022-3 S/N 6851	IPC 26-24-00-09, FIREX - LAVATORY	Pos.: 03
DEADLINE PRIOR TO 24/01/2020			

Aircraft Actual Structure

User ID: DUN - Full Control

Selection: AC Req: **VQ-BBB** AC Family: **B737-NG** AC Type: **B737-800** SN: **88888** AC MFR Date: **5/11/2001** STA: **VKO** Total Date: **22-Apr-2020** Total FH: **49207.55** Total FC: **22065** Code ICAO: **SYL** Operator Name: **DEMO**

WP Completion: Filter ID-Number: Filter WO:

ID	Comply	WO	WO_Source	ADD_WO	Task	Task Title	Task Type	FH_Next_Due	FC_Next_Due
42627	<input checked="" type="checkbox"/>	WO2000070-BBB	Task		72-020-01-01	DET - LEFT ENGINE INLET AND FAN BLADES	DET/DVI	50386.4	

Work Package Info: WP Number: **WP200017-BBB** WP Date: **15-May-2020** Issued By: **DUN**

Plan Date: **16-May-2020** Field Date: **16-May-2020** MRO Code: **NA** STA:

TESTING

WP Completion: Task's WO Completion Data:

Compl. Date: **15/05/2020** Hour: **00** Minute: **00**

Mechanic ID:

Action Note:

Component's WO Completion Data:

Compl. Date: **15/05/2020** Hour: **00** Minute: **00**

Mechanic ID: Replacement Treatment Update

Action Note:

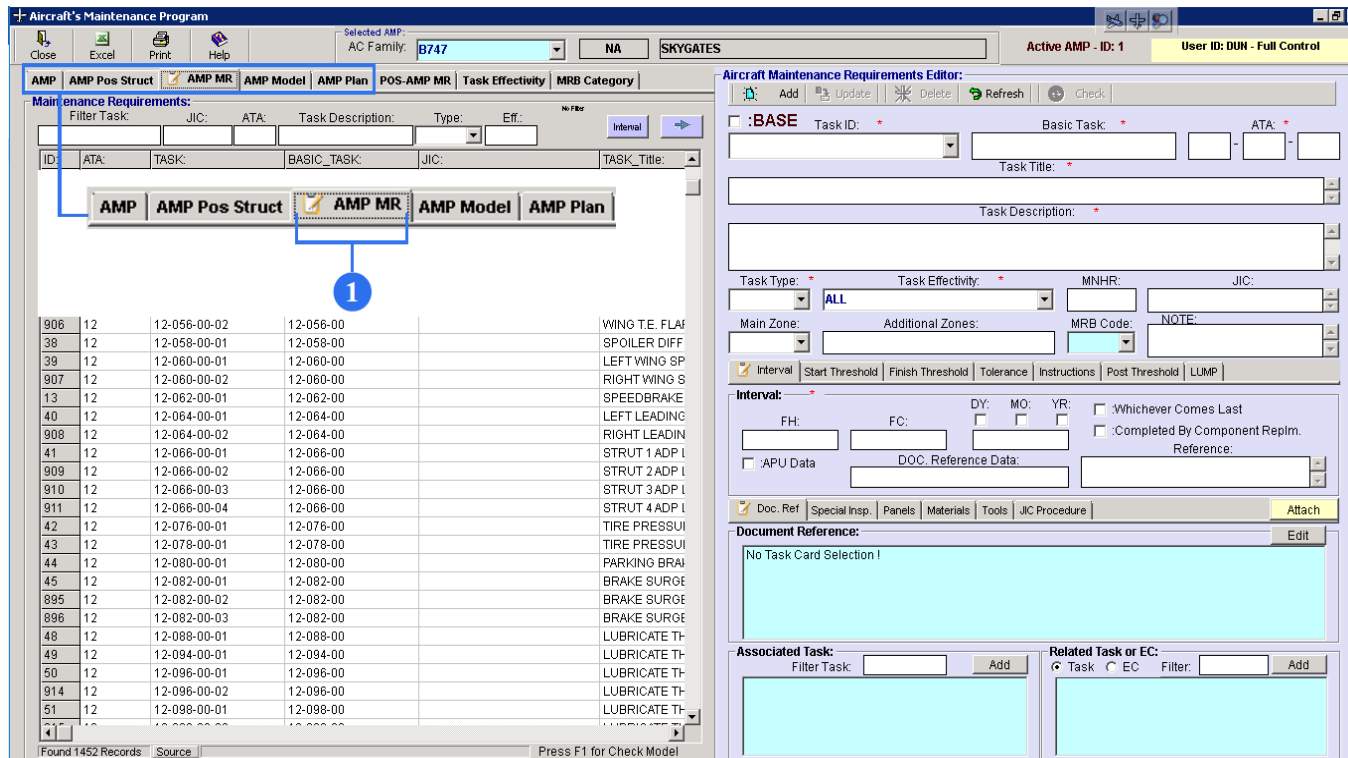
WP Components:

ID	Comply	WO	WO_Source	ADD_WO	IPC_Pos	Position	Pos_Description	PN	Serial_Number	Description	Batch
42626	<input checked="" type="checkbox"/>	WO2000069-BBB	COMP		26-24-00-09	03	LAVATORY "E" FIREX	30100022-3	6851	FIREX - LAVATORY	00493

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.



The screenshot shows the 'Aircraft's Maintenance Program' interface. The 'Maintenance Requirements' section is active, and the 'AMP MR' tab is highlighted with a blue circle and the number '1'. The main table displays a list of maintenance tasks with columns for ID, ATA, TASK, BASIC_TASK, JIC, and TASK Title. The right-hand pane, titled 'Aircraft Maintenance Requirements Editor', contains various fields for configuring a task, including Task ID, Basic Task, Task Title, Task Description, Task Type, Task Effectivity, MNHR, JIC, Main Zone, Additional Zones, MRB Code, and NOTE. There are also sections for Interval, Doc. Ref, Document Reference, Associated Task, and Related Task or EC.

ID	ATA	TASK	BASIC_TASK	JIC	TASK Title
906	12	12-056-00-02	12-056-00		WING T.E. FLAF
38	12	12-058-00-01	12-058-00		SPOILER DIFF
39	12	12-060-00-01	12-060-00		LEFT WING SP
907	12	12-060-00-02	12-060-00		RIGHT WING S
13	12	12-062-00-01	12-062-00		SPEEDBRAKE
40	12	12-064-00-01	12-064-00		LEFT LEADING
908	12	12-064-00-02	12-064-00		RIGHT LEADIN
41	12	12-066-00-01	12-066-00		STRUT 1 ADP I
909	12	12-066-00-02	12-066-00		STRUT 2 ADP I
910	12	12-066-00-03	12-066-00		STRUT 3 ADP I
911	12	12-066-00-04	12-066-00		STRUT 4 ADP I
42	12	12-076-00-01	12-076-00		TIRE PRESSUI
43	12	12-078-00-01	12-078-00		TIRE PRESSUI
44	12	12-080-00-01	12-080-00		PARKING BRAI
45	12	12-082-00-01	12-082-00		BRAKE SURGE
895	12	12-082-00-02	12-082-00		BRAKE SURGE
896	12	12-082-00-03	12-082-00		BRAKE SURGE
48	12	12-088-00-01	12-088-00		LUBRICATE TH
49	12	12-094-00-01	12-094-00		LUBRICATE TH
50	12	12-096-00-01	12-096-00		LUBRICATE TH
914	12	12-096-00-02	12-096-00		LUBRICATE TH
51	12	12-098-00-01	12-098-00		LUBRICATE TH

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

Aircraft Maintenance Requirements Editor:

:BASE Task ID: * Basic Task: * - - ATA: *

Task Title: *

Task Description: *

Task Type: * Task Effectivity: * MNHR: JIC:

Main Zone: Additional Zones: MRB Code: NOTE:

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.

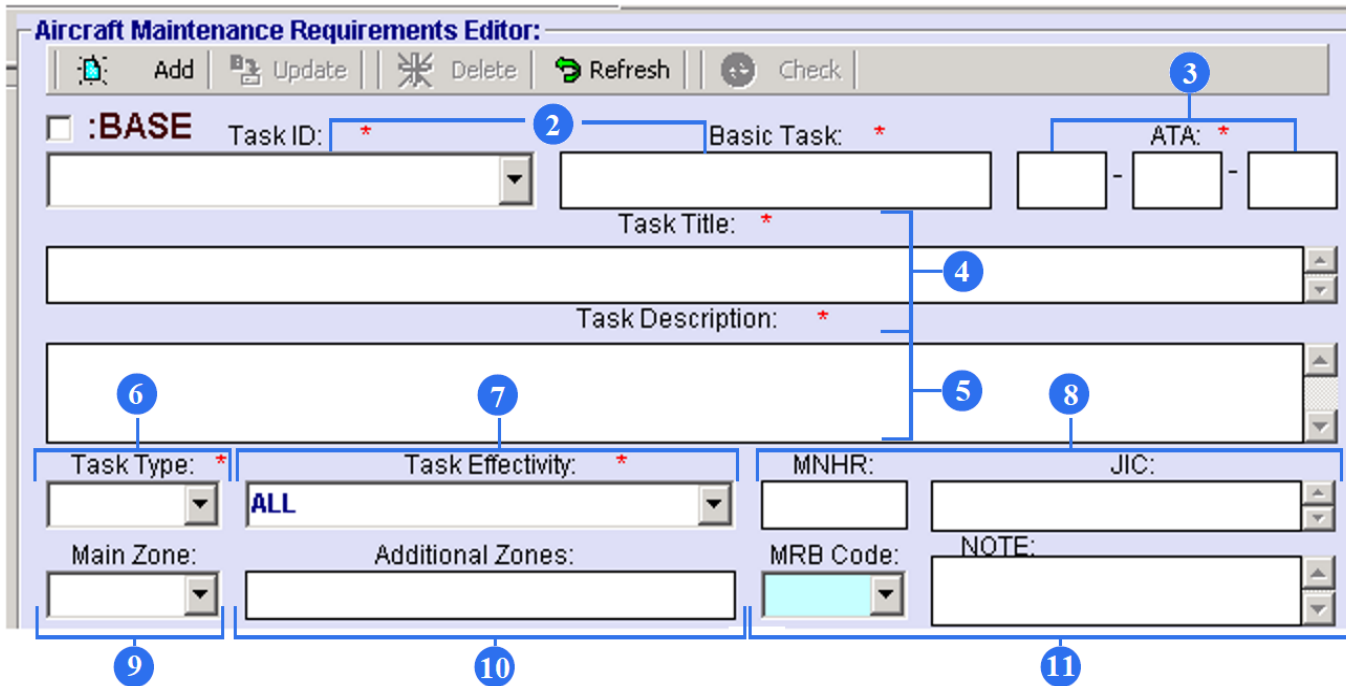
5. Write down a short task description.

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).

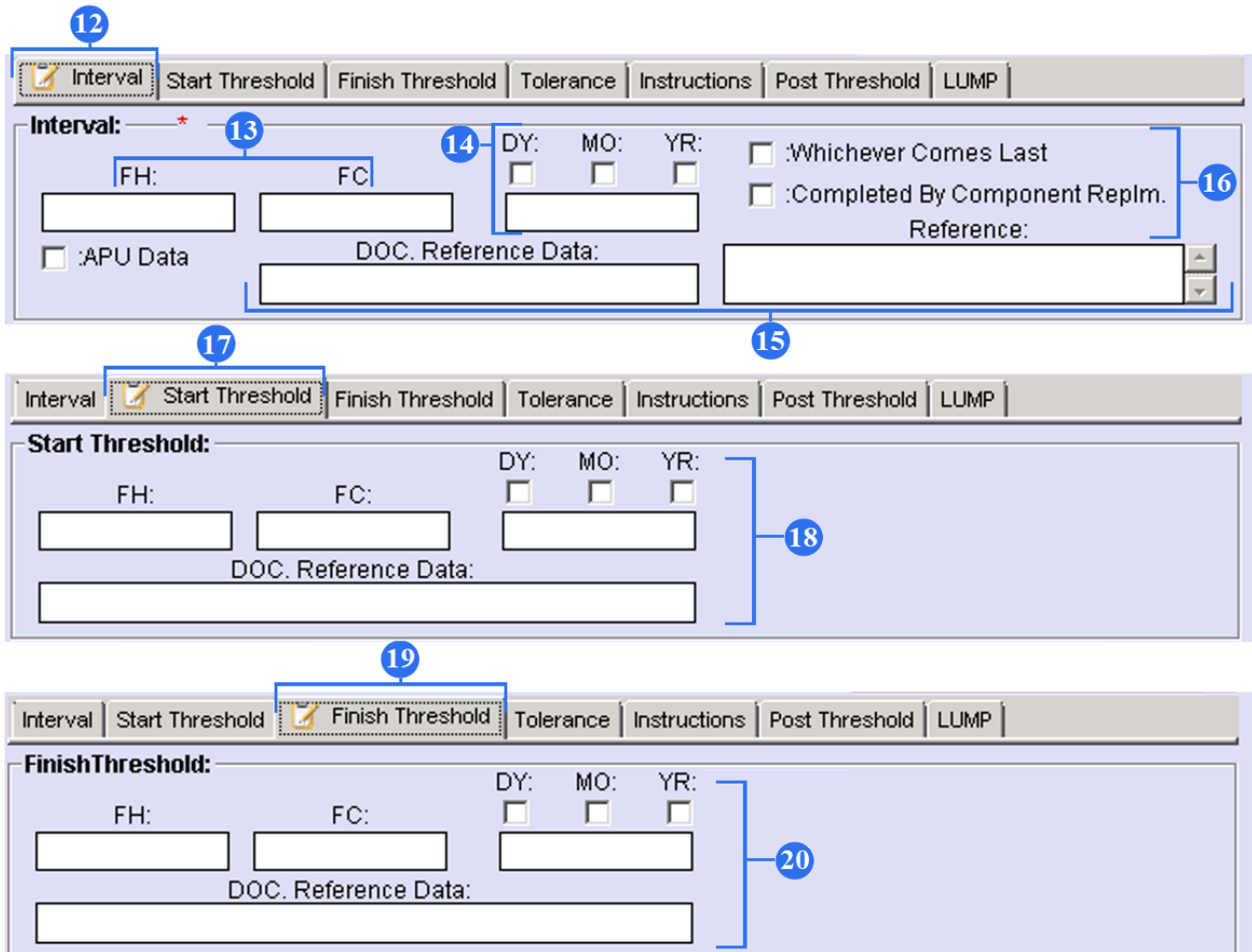


The screenshot shows the 'Aircraft Maintenance Requirements Editor' interface. At the top is a toolbar with buttons for Add, Update, Delete, Refresh, and Check. Below the toolbar, the form is divided into several sections. A checkbox labeled ':BASE' is on the left. The 'Task ID' field is marked with a red asterisk and has a blue circle '2' above it. The 'Basic Task' field is also marked with a red asterisk. To its right is the 'ATA' field, marked with a red asterisk and a blue circle '3' above it, which consists of three input boxes separated by dashes. Below these is the 'Task Title' field, marked with a red asterisk and a blue circle '4' above it. The 'Task Description' field is a large text area with a blue circle '5' above it. Below the description are two rows of fields: 'Task Type' (marked with a red asterisk and a blue circle '6' above it) and 'Task Effectivity' (marked with a red asterisk and a blue circle '7' above it). The 'Task Type' dropdown shows 'ALL'. Below these are 'Main Zone' (marked with a blue circle '9' below it) and 'Additional Zones' (marked with a blue circle '10' below it). To the right of these are 'MNHR' and 'JIC' fields. Below them are 'MRB Code' (marked with a blue circle '11' below it) and 'NOTE' fields. The 'MRB Code' dropdown is highlighted in light blue.

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.



The screenshot displays three sequential views of a task configuration interface:

- Interval Tab (12):** Shows the 'Interval' tab selected. It includes input fields for FH (13) and FC (14), and checkboxes for DY, MO, and YR (14). There are also checkboxes for ':Whichever Comes Last' (16) and ':Completed By Component Replm.' (16), and a 'DOC. Reference Data' field (15).
- Start Threshold Tab (17):** Shows the 'Start Threshold' tab selected. It includes input fields for FH, FC, and DY, MO, YR (18), and a 'DOC. Reference Data' field.
- Finish Threshold Tab (19):** Shows the 'Finish Threshold' tab selected. It includes input fields for FH, FC, and DY, MO, YR (20), and a 'DOC. Reference Data' field.

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.

The screenshot displays three sequential views of a task configuration interface. Each view has a tabbed header with 'Interval', 'Start Threshold', and 'Finish Threshold' tabs. The 'Interval' tab (callout 12) includes fields for 'Interval:' (callout 13), 'FH:' (callout 13), 'FC:' (callout 13), 'DY:' (callout 14), 'MO:' (callout 14), 'YR:' (callout 14), checkboxes for ':APU Data' (callout 15), ':Whichever Comes Last' (callout 16), and ':Completed By Component Replm.' (callout 16), and a 'DOC. Reference Data:' field (callout 15). The 'Start Threshold' tab (callout 17) includes fields for 'FH:' (callout 18), 'FC:' (callout 18), 'DY:' (callout 18), 'MO:' (callout 18), 'YR:' (callout 18), and a 'DOC. Reference Data:' field (callout 18). The 'Finish Threshold' tab (callout 19) includes fields for 'FH:' (callout 20), 'FC:' (callout 20), 'DY:' (callout 20), 'MO:' (callout 20), 'YR:' (callout 20), and a 'DOC. Reference Data:' field (callout 20).

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

Interval Start Threshold Finish Threshold **Tolerance** Instructions Post Threshold LUMP

Tolerance: *

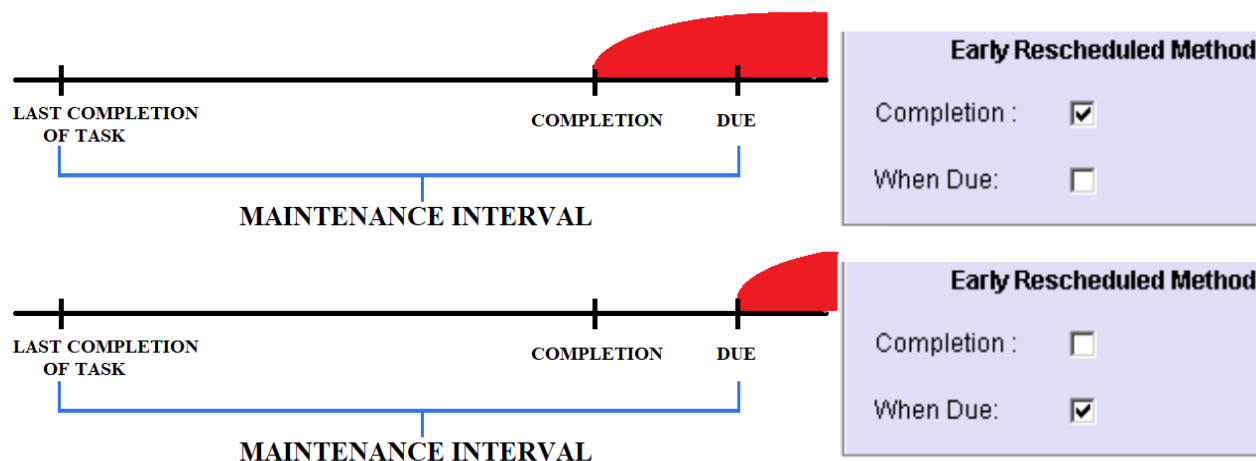
Early Rescheduled Method:

Completion: When Due:

22

Late Rescheduled Method:

Completion: When Due:



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.

Planning

User ID: DUN - Full Control

APU Average: Saved Calc

FH: 12.50 APU FH: 6.00
FC: 3.00 APU FC: 4.00

AC Sched: found 808

ID	Overdue	Calc Due Date	+/- d	Remainings	Type	ID-Number	Base	FH_Compl	FH Interval	FH Next Due	FH Start	FH Finish	FC_Compl	FC Interval	FC Ne
86899	N	2019-11-21	-193	819.05 FH	EC	AD1974-08-09_3_0	Y	48986.5	1000	49986.5			22014		
85608	N	2019-11-28	-186	72 DY	MEL	19081017									
50368	N	2019-11-29	-185	914.45 FH, 248 DY	EC	AD2011-27-03_0_G1-A-1	N	43682.3	6400	50082.3			20816		
86523	N	2019-11-30	-184	74 DY	MEL	1906662		48986.5					22014		
86434	N	2019-12-01	-183	75 DY	NRC	1909014									

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.

Interval | Start Threshold | Finish Threshold | Tolerance | **Instructions** | Post Threshold | LUMP

INSTRUCTIONS:

<input type="checkbox"/> :ETOPS	<input type="checkbox"/> :DI (RII)	<input type="checkbox"/> :ALI	<input type="checkbox"/> :AD	Reference:
<input type="checkbox"/> :ETOPS II	<input type="checkbox"/> :CR	<input type="checkbox"/> :EWIS		<input type="text"/>
<input type="checkbox"/> :CAT 3	<input type="checkbox"/> :CDCCL	<input type="checkbox"/> :CMR	<input type="checkbox"/> :CONDITIONAL TASK	
		<input type="checkbox"/> :CPCP	<input type="checkbox"/> :NON-SCHEDULED	

24

Interval | Start Threshold | Finish Threshold | Tolerance | Instructions | **Post Threshold** | LUMP

POST THRESHOLD INTERVALS FOR STRUCTURES AND ZONAL TASKS :

Switching FH: <input type="text"/>	Switching Calendar: DY: <input type="checkbox"/> MO: <input type="checkbox"/> YR: <input type="checkbox"/>	POST Switching Interval: FH: <input type="text"/>	DY: <input type="checkbox"/> MO: <input type="checkbox"/> YR: <input type="checkbox"/>	<input type="button" value="Save"/> <input type="button" value="Delete"/>
Switching FC: <input type="text"/>	<input type="text"/>	FC: <input type="text"/>	<input type="text"/>	

26

27

28

Interval | Start Threshold | Finish Threshold | Tolerance | Instructions | Post Threshold | **LUMP**

Interval - Low Utilization MP:

FH: <input type="text"/>	FC: <input type="text"/>	DY: <input type="checkbox"/> MO: <input type="checkbox"/> YR: <input type="checkbox"/>	<input type="checkbox"/> :Whichever Comes Last	<input type="button" value="Save"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/> :Completed By Component Replm.	
DOC. Reference Data: <input type="text"/>			Reference: <input type="text"/>	

30

31

33

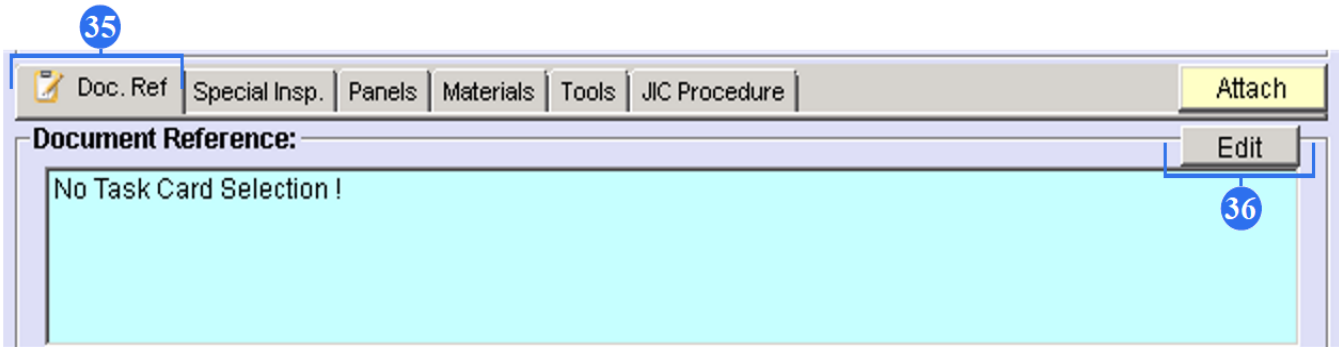
34

32

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.

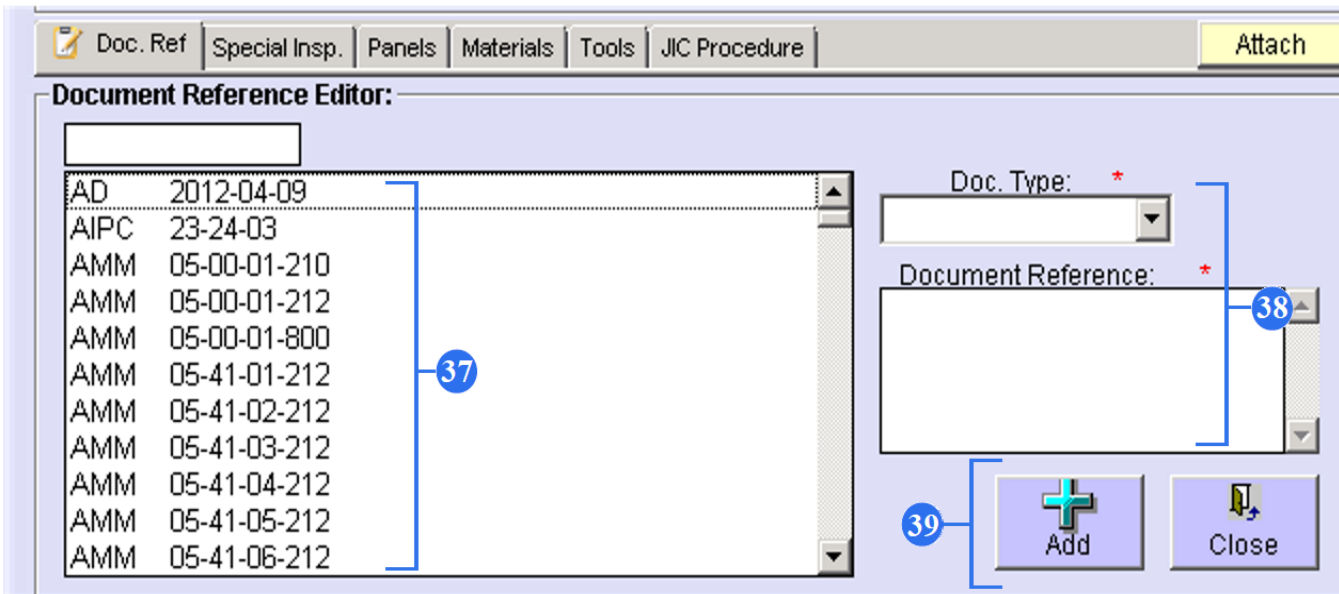
Tick the 'Completed By Component Replm' field, if component replacements are required for the task completion.

34. Push "Save" button.



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

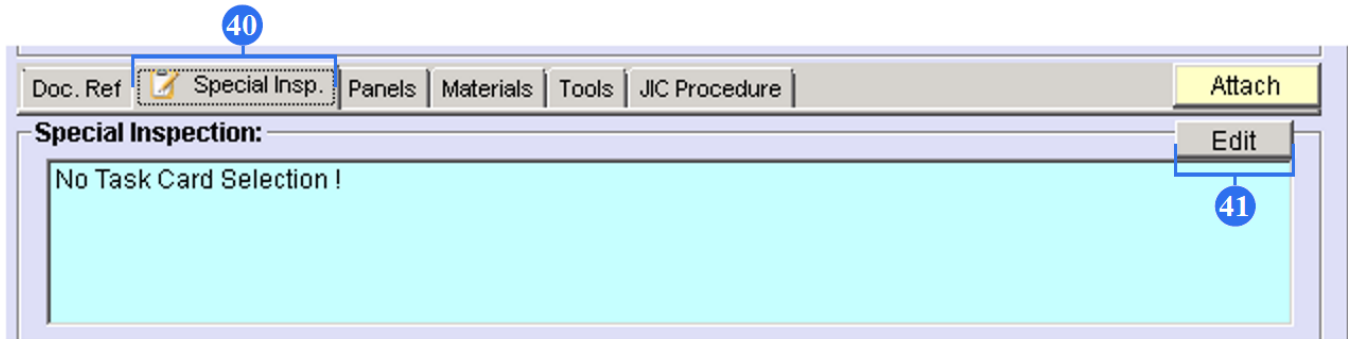
36. To open Document Reference editor push “Edit” button.



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

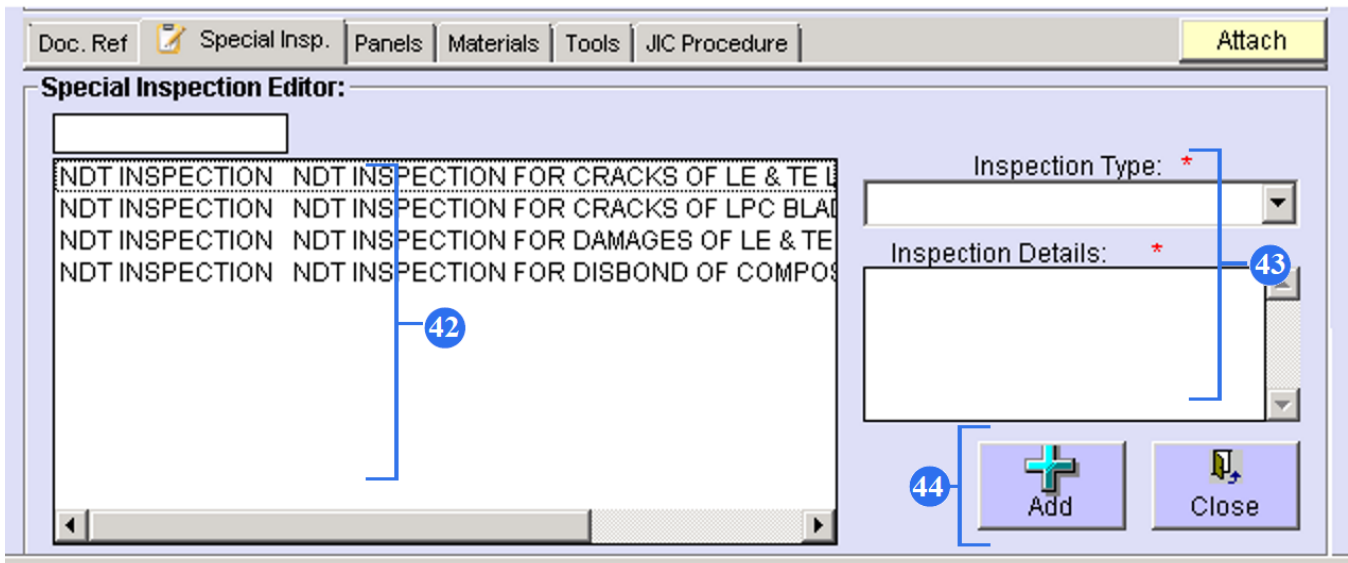
38. If a document is absent in the list, enter type of a document and document reference.

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”.

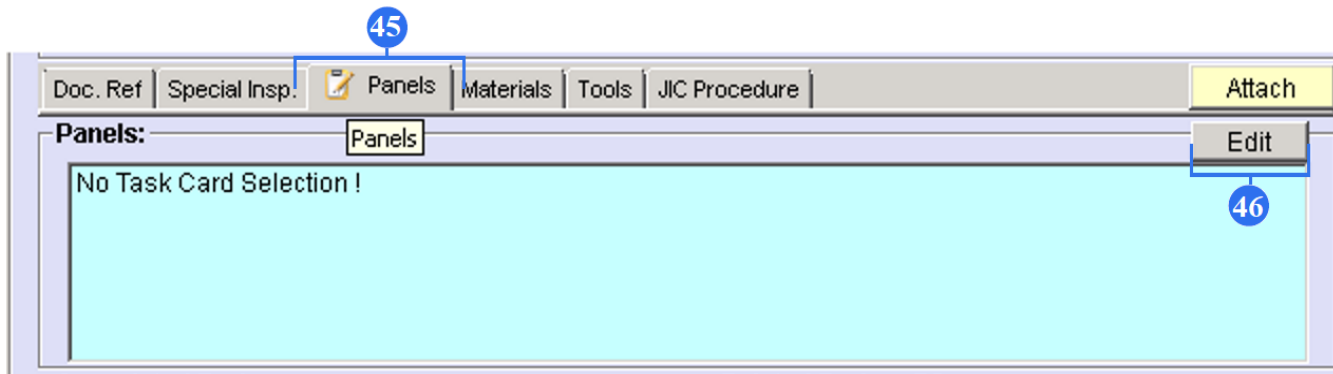
41. To open Special Inspection editor push “Edit” button.



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

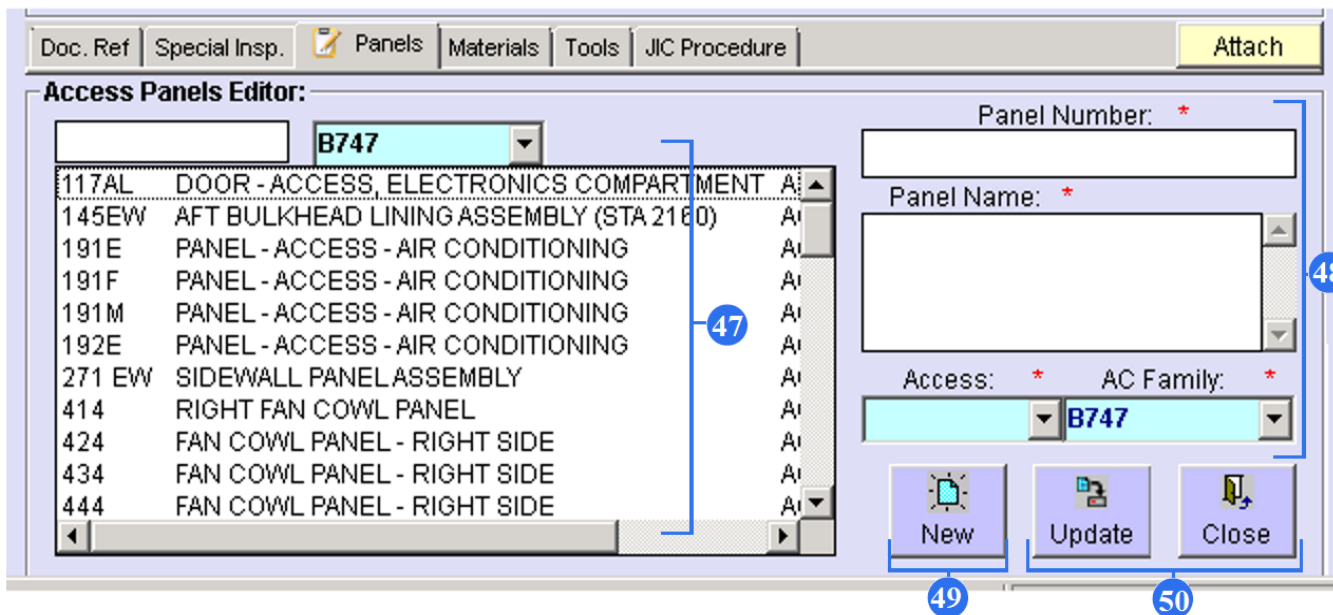
43. If a document is absent in the list, enter type of an inspection and inspection details.

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.

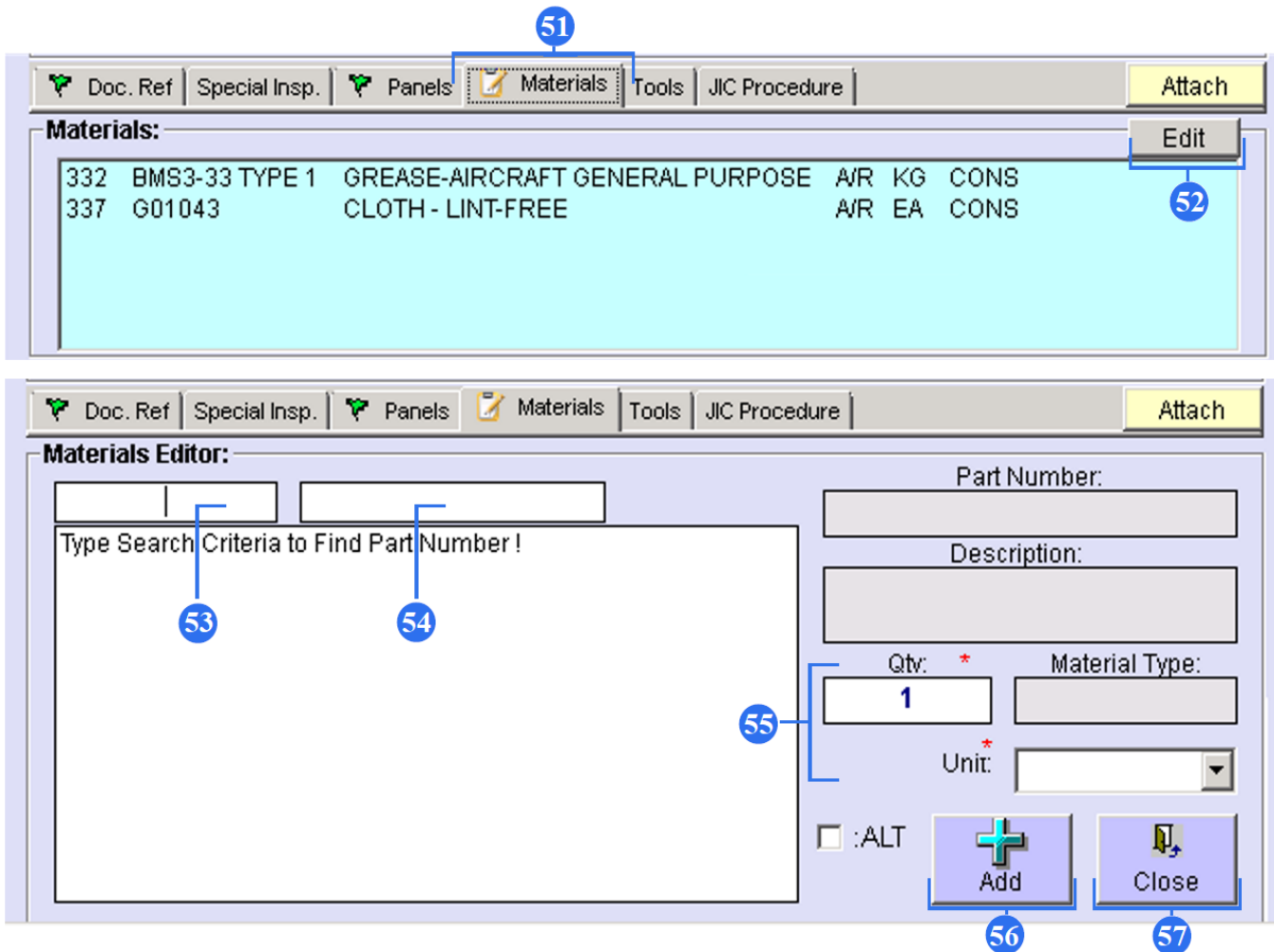


47. From the whole list select corresponding panels and click two times.

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.



The screenshot shows the 'Materials Editor' window. At the top, a menu bar includes 'Doc. Ref', 'Special Insp.', 'Panels', 'Materials' (highlighted with callout 51), 'Tools', and 'JIC Procedure'. An 'Attach' button is on the right. Below the menu is a table of materials:

Materials:						
332	BMS3-33 TYPE 1	GREASE-AIRCRAFT GENERAL PURPOSE	A/R	KG	CONS	
337	G01043	CLOTH - LINT-FREE	A/R	EA	CONS	

An 'Edit' button (callout 52) is located to the right of the table. Below the table is the 'Materials Editor' form. It features a search area with two input fields (callouts 53 and 54) and a text prompt 'Type Search Criteria to Find Part Number!'. To the right are fields for 'Part Number:', 'Description:', 'Qty: *' (with '1' entered), 'Material Type:', and 'Unit: *'. An 'ALT' checkbox is also present. At the bottom are 'Add' (callout 56) and 'Close' (callout 57) buttons. A bracket (callout 55) groups the 'Qty', 'Material Type', and 'Unit' fields.

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

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

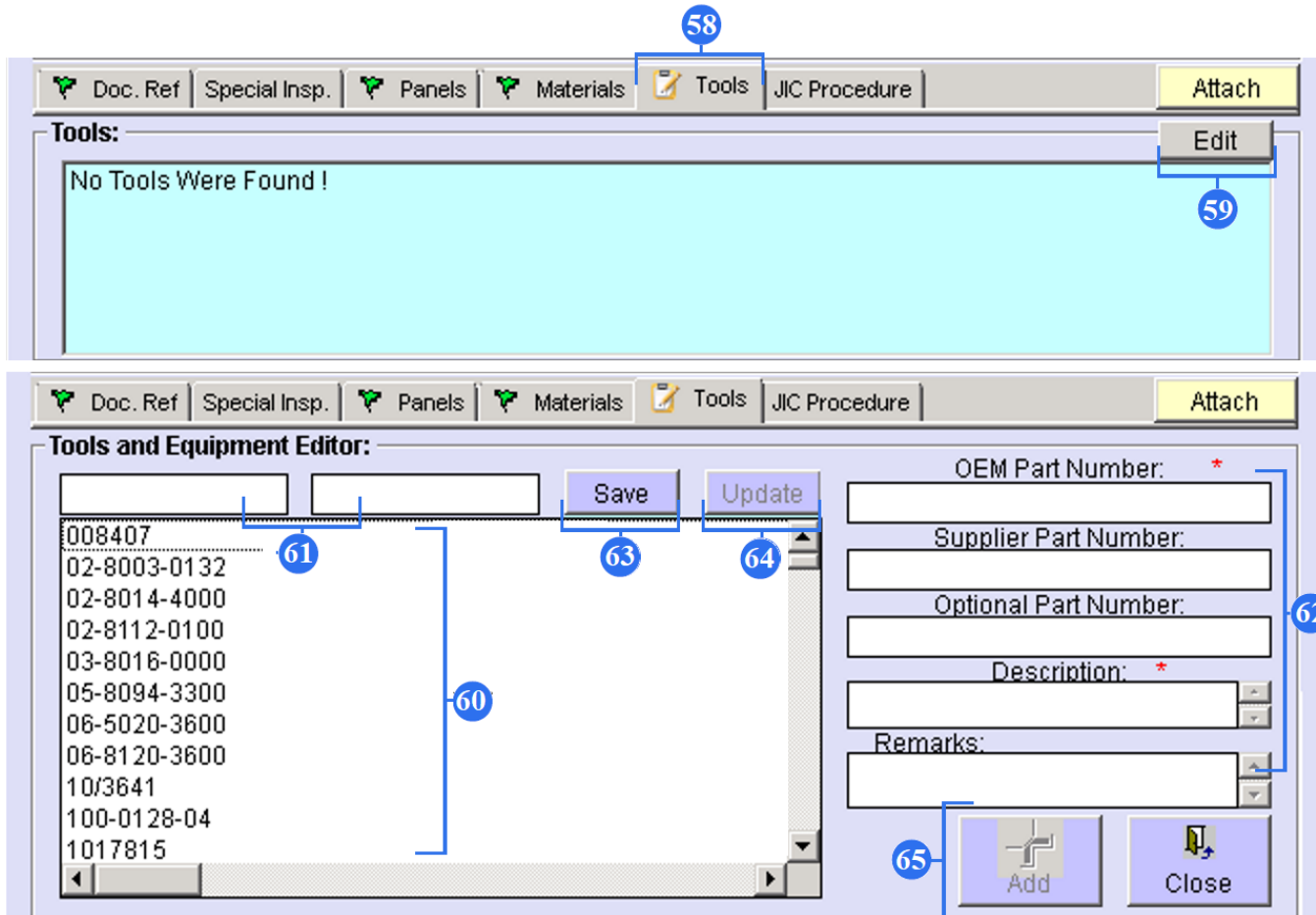
53. Type part number of the search criteria.

54. Type description of the search criteria.

55. Type quantity and how it is measured.

56. Push “Add” button to save data.

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



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

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

60. From the whole list select associated tool.

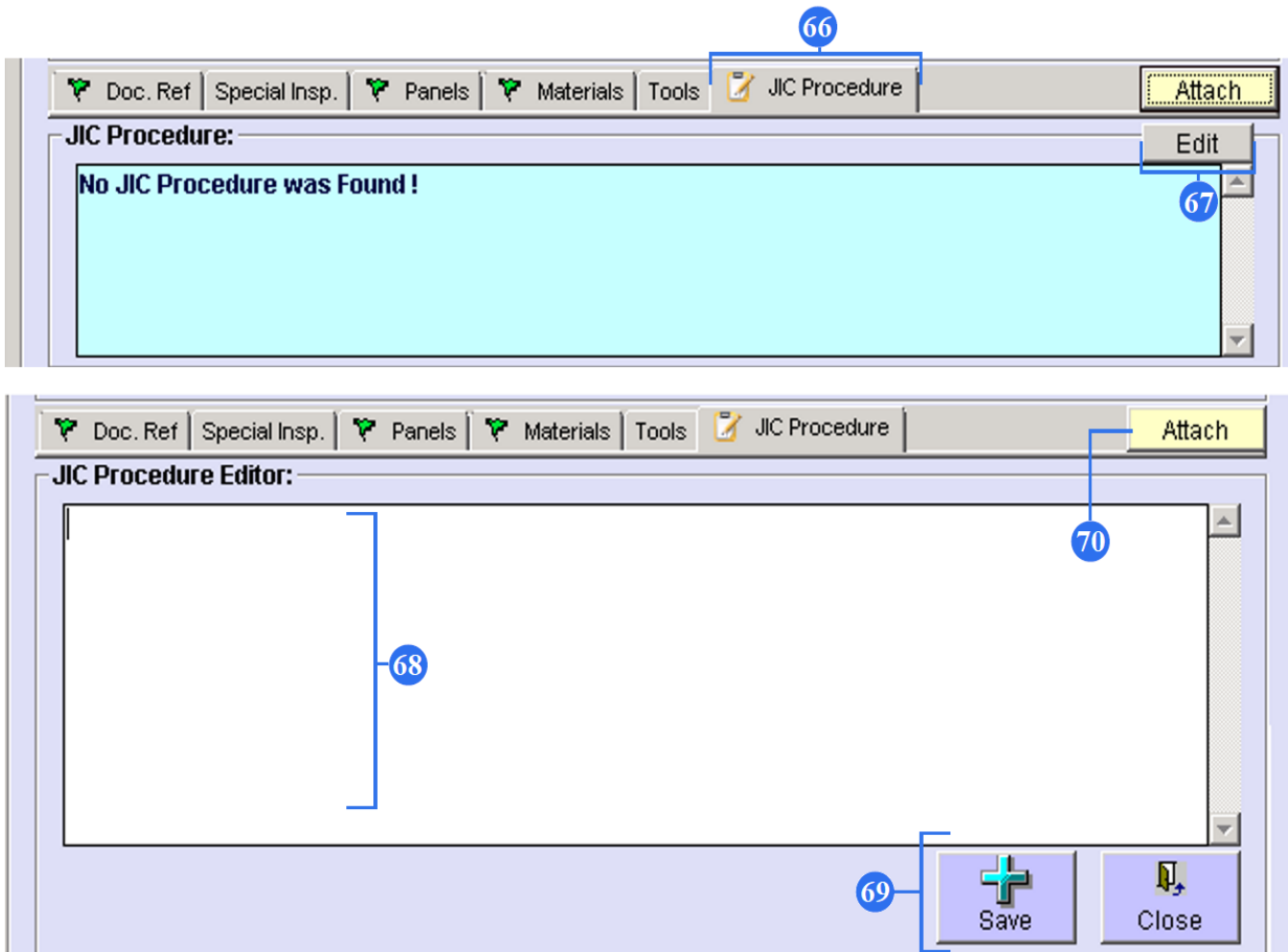
61. Use finder to look for the tool quickly. (Enter OEM P/N).

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

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

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

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



66. If it is necessary to add job instructions push “JIC Procedure”.

67. To open JIC editor click on the Edit.

68. Use the field to create job instruction.

69. Push “Save” button to save instruction. “Close” button is need to close window.

70. Push “Attach” button to fix any files.

Aircraft Maintenance Requirements Editor:

:BASE Task ID: * Basic Task: * ATA: *

12-028-00-01 12-028-00 12 - -

Task Title: *

FLIGHT CONTROL CABLES - LEFT

Task Description: *

FLIGHT CONTROL CABLES - LEFT. NON-SOLVENT CLEAN AND LUBRICATE THE AILERON, ELEVATOR, RUDDER AND SPOILER/SPEEDBRAKE FLIGHT CONTROL CABLES IN PRESSURIZED AREAS AND THE

Task Type: * Task Effectivity: * MNHR: JIC:

SVC ALL 6

Main Zone: Additional Zones: MRB Code: NOTE:

100 100; 200; 300; 325; 335; 345 6,9

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

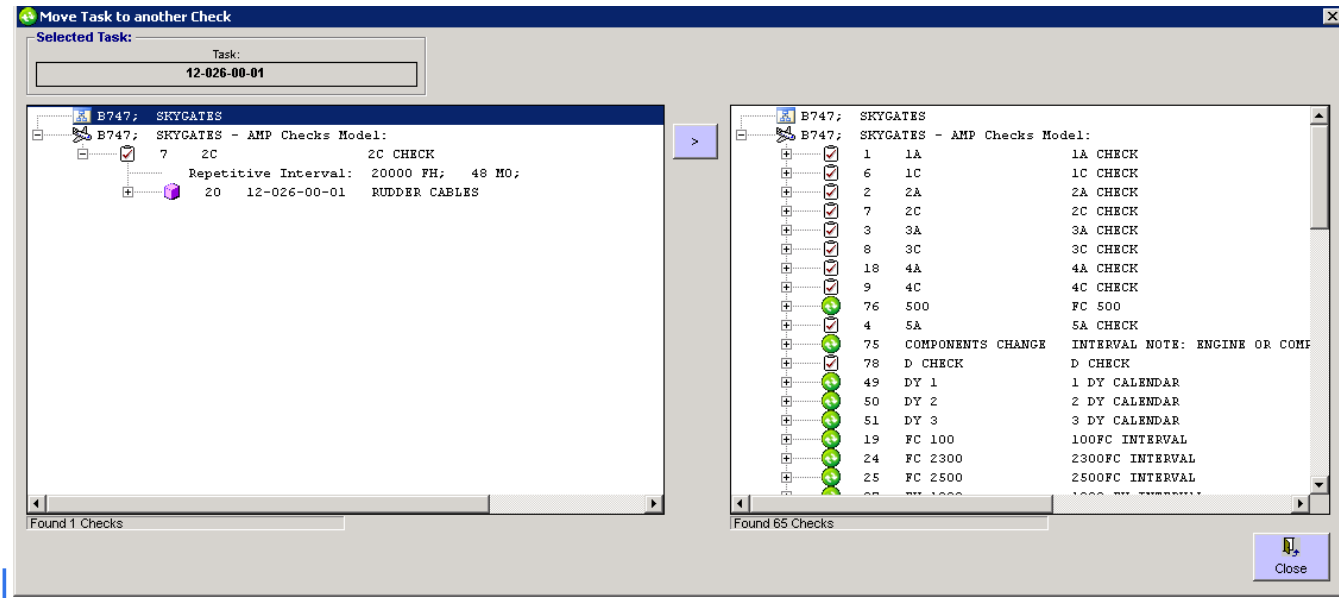
72. Click on the Add to save entered data.

73. 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.

74. Push "Check" button to open editor.



75. 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 on the page #82.

The screenshot displays the AMP software interface. At the top, there are several tabs: AMP, AMP Pos Struct, AMP MR, AMP Model, AMP Plan, POS-AMP MR, Task Effectivity, and a '79' error indicator. Below the tabs is a 'Maintenance Requirements' section with a table of filters: Filter Task, JIC, ATA, Task Description, Type, and Eff. To the right of this section are several checkboxes: :Mand-Lim, :TC Associated, :NON-Scheduled, :DEL, :APU Utiliz, :TC Related, :TC Instruction, :COMP, and :POST. A blue callout box '76' points to the 'Internal' button. Below the filter section is a large table with columns: ID, ATA, TASK, BASIC TASK, JIC, and TASK Title. The table contains numerous rows of task data. A blue callout box '77' points to the 'Filter Task' field. An 'Interval Filter' dialog box is open in the center, with fields for FH, FC, and DY (with sub-fields for MO and YR). It also has radio buttons for 'And' and 'Or', and 'Ok', 'Cancel', and 'Reset' buttons. A blue callout box '78' points to the 'Interval Filter' dialog. A blue callout box '79' points to the 'Internal' button. A blue callout box '80' points to the 'Interval Filter' dialog. A blue callout box '81' points to the 'Excel' button.

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

77. Use these filters to find certain task.

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

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

80. Use interval filter to find certain tasks.

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

Aircraft's Maintenance Program

Selected AMP: AC Family: B737-NG SYL DEMO Active AMP - ID: 4 User ID: DUN - Full Control

AMP AMP Pos Struct AMP MR AMP Model AMP Plan POS-AMP MR Task Effectivity MRB Category

Maintenance Requirements:

ID	ATA	TASK	BASIC_TASK	JIC	TASK Title
1561	57	57-240-01-01	57-240-01	57-240-01-01	IGVI - LEFT OTBD WING LWR SURFACE
1562	57	57-240-02-01	57-240-02	57-240-02-01	IGVI - RIGHT OTBD WING LWR SURFACE

82

Aircraft Maintenance Requirements Editor:

Task ID: 57-240-01-01 Basic Task: 57-240-01 ATA: 57

Task Title: IGVI - LEFT OTBD WING LWR SURFACE

Task Description: INTERNAL - GENERAL VISUAL: LEFT OUTBOARD WING LOWER SURFACE INSPECT LOWER SIDE OF LOWER SURFACE (UNDER FLAP SUPPORT NO. 1&2 FAIRINGS), INCLUDING ALL

Task Type: STR Task Effectivity: ALL MNHR: 0.2 JIC: 57-240-01-01

Main Zone: Additional Zones: 543, 544 MRB Code: AMM51-05-01-210, AMM57-05-

Interval: Start Threshold Finish Threshold Tolerance Instructions Post Threshold LUMP

Interval: FH: 18000 FC: 6 DY: MO: YR: :Whichever Comes Last :Completed By Component Replm.

APU Data DOC Reference Data: MRB57-240-01, MPD D626A001 Reference:

Doc. Ref Special Insp. Panels Materials Tools JIC Procedure Attach

Document Reference: No Referenced Documents Were Found!

83 85

Associated Task: Filter Task Add

1562 57-240-02-01 IGVI - RIGHT OTBD WING LWR SURFACE

84

Related Task or EC: Task EC Filter: Add

No Related Tasks or EC Were Found!

Found 2 Records Source Press F1 for Check Model

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

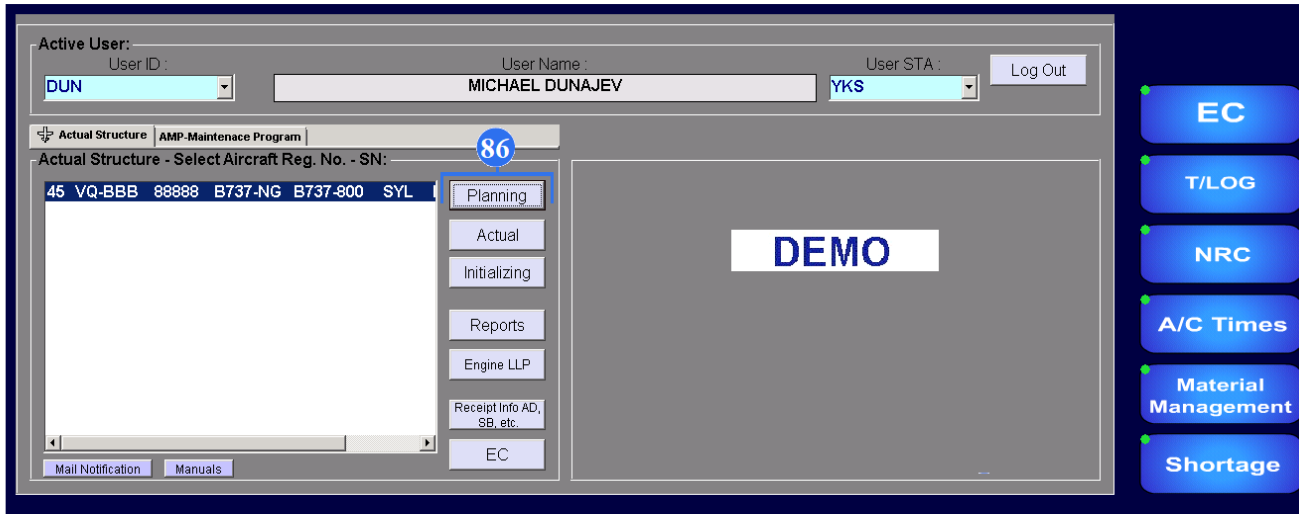
82. Select the task and highlight it.

83. In the "Associated Task" editor use Filter field to enter task. Push Enter button on your keyboard.

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

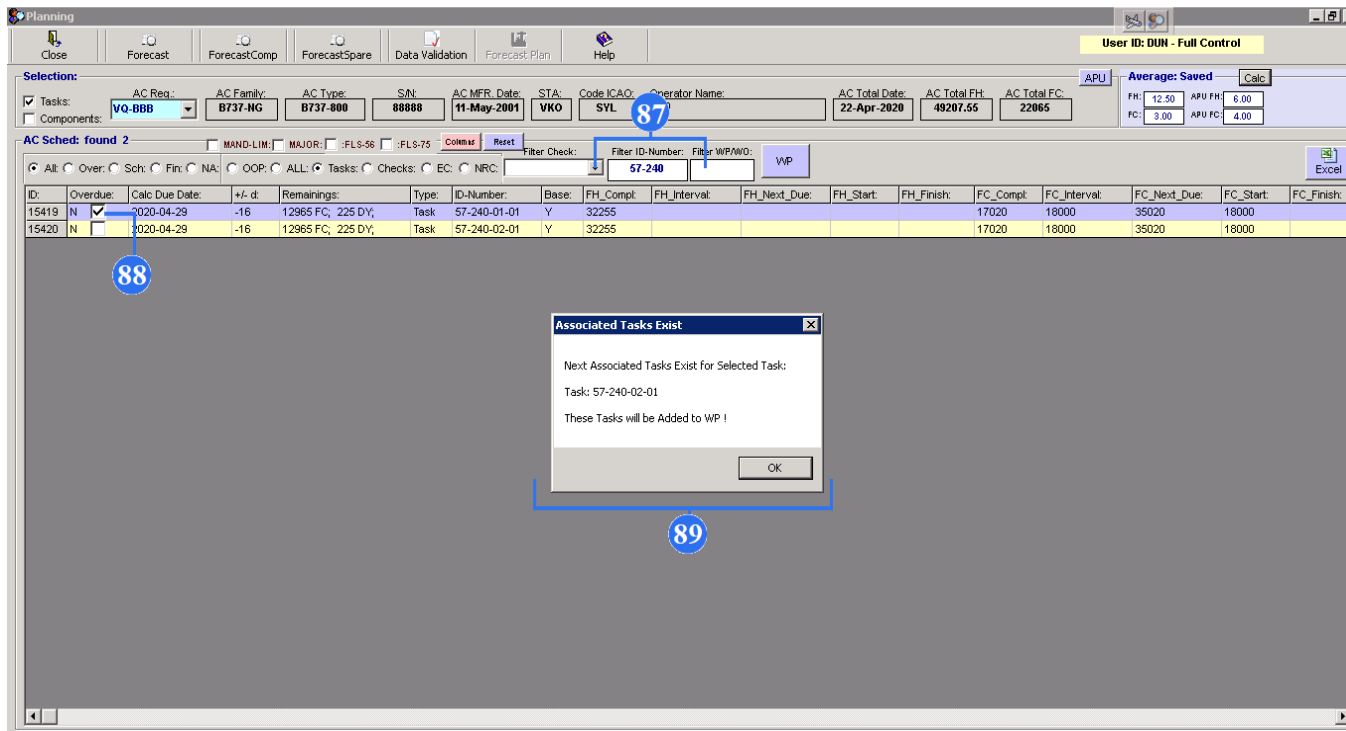
85. Click Add button. Don't forget to push Update button in the Editor.

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



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

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



88. Check box the line with task.

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

The screenshot shows the 'Planning' application window. The 'AC Sched' tab is active, displaying a table of tasks. A blue circle '90' highlights the 'WP' button in the 'Filter WPAWG' field. The 'Work Package Editor' tab is also visible, showing details for 'WP200018-BBB'. A blue circle '91' highlights the task ID '57-240-02-01' in the 'WP' details section.

90. Push WP button.

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

DEMO
WORK PACKAGE

Title: 123					WP ID: WP200018-BBB		
AC Reg. No.: VQ-BBB	Type: B737-800	MSN: 88888	Operator: DEMO	Planning dates (from-to): 16-MAY-2020 - 16-MAY-2020	Rev. Date: 15-MAY-2020	Rev. No: 0	

1. WP identifies Work Orders (WO) for performance of work required during the aircraft maintenance visit.
2. All WO enclosed in the WP to be performed in accordance with instructions referenced therein and their completion is verified/signed by authorized personnel in appropriate Tally list below.
3. Any additional WO that Maintenance Organisation may issue for rectification of technical defects experienced at completion of listed WO, have to be referenced in the Operator WO.
4. For replaced spare parts the reference to EASA Form 1 or equivalent, or material batches shall be clearly stated in the WO. Hard copies of EASA Form 1 or equivalent must be always attached to the WO. Details of Removed/Installed Component shall be also recorded in separate Aircraft Technical Log page with ref to the WP and EASA Form 1 or equivalent and Tag (or Batch) No.
5. Any cancelled or uncompleted (remaining) WO shall be accepted by Operator in writing that have to be referenced in the WO, Tally list of this WP and transferred to CRS. Hard copy of the Operator acceptance shall be attached to WO.
6. CRS must be signed upon completion of WP. References to the WP ID and Maintenance Organisation WO must be stated in the separate Aircraft Technical Log page.

Used Maintenance Data:
 AMM D633A101-GEF, REV69A, 15SEP2019; AIP D638A001-GEF-0123, REV88, 15AUG2019; FIM D633A103-GEF, REV69A, 15SEP2019; SDS D633A101-GEF, REV69A, 15SEP2019; SRM D634A210, REV67, 10JUL2019; SSM D280A212, REV104, 03SEP2019; WDM D280A12-GEF, REV104, 03SEP2019; MP YAKUTIA PR-45-016, REV04, TR-3, AUG 23 2019

1. Tally List-Aircraft WO.

WO	Type	Task ID	Title	Completed: Date / Sign / Stamp
WC2000071-BBB <small>DEADLINE PRIOR TO 29.04.2020 OR 3:30:20 FC</small>	Task	57-240-01-01	IGV1 - LEFT OTBD WING LWR SURFACE	
WC2000072-BBB <small>DEADLINE PRIOR TO 29.04.2020 OR 3:30:20 FC</small>	Task	57-240-02-01	IGV1 - RIGHT OTBD WING LWR SURFACE	

2. Tally List-Component Replacement WO.

The screenshot displays the 'Aircraft Actual Structure' software interface. At the top, the user is identified as 'User ID: DUN - Full Control'. The main window is divided into several sections:

- Selection:** Fields for AC Req (VO-BBB), AC Family (B737-HG), AC Type (B737-800), SN (88888), AC MFR Date (5/11/2001), STA (VKO), Total Date (22-Apr-2020), Total FH (49207.55), Total FC (22065), Code ICAO (SVL), and Operator Name (DEMO).
- WP Completion:** A table with columns: ID, Comply, W/O, W/O_Source, ADD_W/O, Task, Task Title, Task Type, FH_Next_Due, FC_Next_Due, and Date. Two rows are visible, both with 'Comply' checked.
- Work Package Info:** Fields for WP Number (WP200018-BBB), WP Date (15-May-2020), and Sited By (DUN). It also includes File Date, Files Date, MRO Code (NA), and STA.
- WP Completion Data:** A section for recording completion, including a date field (15/05/2020), hour and minute spinners (00:00), and buttons for Attach, Comply, Defer TC, and Add W/O.

A blue circle with the number '92' is overlaid on the 'Comply' button in the 'WP Completion Data' section.

92. 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.

The screenshot displays the Aircraft Maintenance Program (AMP) interface. On the left, the 'Maintenance Requirements' table lists tasks, with the task 'DET - AUTOMATIC EMERGENCY DOOR FLIGHT LOCK INSPECTION' highlighted and circled with a blue '93'. The right pane shows the 'Aircraft Maintenance Requirements Editor' for this task. The 'Task ID' is '52-250-00-01' and the 'Basic Task' is '52-250-00'. The 'Task Description' is 'DET - AUTOMATIC EMERGENCY DOOR FLIGHT LOCK INSPECTION'. The 'Task Type' is 'DET/DVI' and 'Task Effectivity' is 'ALL'. The 'Interval' is set to '6' months. The 'DOC Reference Data' is 'MRB52-250-00, MPD D626A001'. The 'Document Reference' section shows 'No Referenced Documents Were Found!'. The 'Associated Task' section shows 'No Associated Task Were Found!'. The 'Related Task or EC' section shows a task '2781 72-020-01-01' selected and circled with a blue '95'. The 'Add' button in the 'Related Task or EC' section is circled with a blue '96'. The 'Update' button in the top toolbar is circled with a blue '94'.

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

93. Select the task and highlight it.

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

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

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

Related tasks will be completed in Actual submodule.

The screenshot shows the 'Planning' software interface. At the top, there are menu options like 'Close', 'Forecast', 'ForecastComp', 'ForecastSpare', 'Data Validation', 'ForecastPlan', and 'Help'. The 'User ID: DUN - Full Control' is displayed. Below the menu, there are various input fields for task selection, including 'AC Req.', 'AC Family', 'AC Type', 'SN', 'AC MFR. Date', 'STA', 'Code ICAO', 'Operator Name', 'AC Total Date', 'AC Total FH', and 'AC Total FC'. A 'Filter' field is highlighted with a blue circle and the number 97, containing the value '52-250'. A 'WP' button is also highlighted with a blue circle and the number 99. A table of tasks is shown below, with the first row selected and a checkbox checked, highlighted with a blue circle and the number 98. To the right, the 'Work Package Editor' is open, showing details for 'WP200019-BBB' and 'WP: WP200019-BBB'. A blue circle with the number 100 is placed over a section of the editor. At the bottom, there is a 'Component Schedule' section with a table of components.

ID	Overdue	Calc Due Date	+/- d	Remainings	Type	ID-Number	Base	FH_Cmpl	FH_Interval	FH_Next_Due	FH_Start	FH_F
16094	N	2021-05-13	363	604 DY	Task	52-250-00-01	Y	34871				

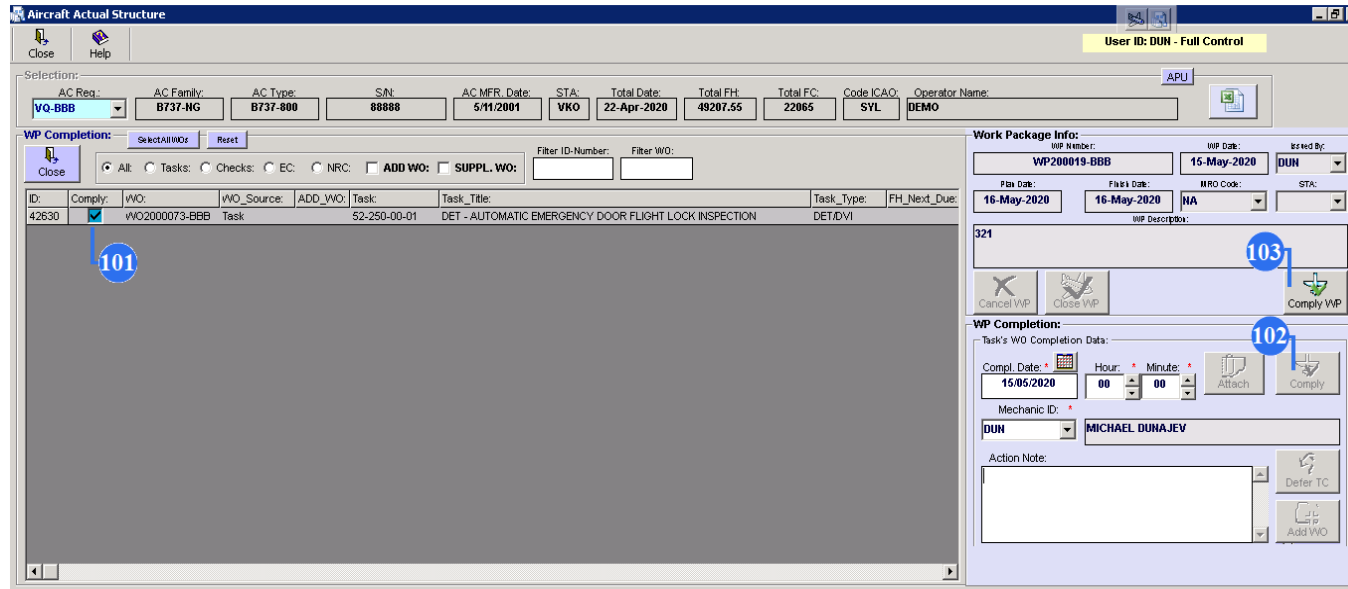
ID	Overdue	Calc Due Date	+/- d	Remainings	W/P	IPC_Pos	Position	PN	Serial Number
11818	Y	2019-10-01	-227	-227 DY	WP190307-BBB	26-20-00-08	01	473957-4	63380EL
1857	Y	2019-10-15	-213	-213 DY	WP190298-BBB	25-66-00-52	RHAF	5A3307-7	BNG6013
10317	Y	2019-10-22	-206	-206 DY	WP190307-BBB	25-64-00-68-220	02	S6-01-0005-312	029
10070	Y	2019-10-26	-202	-202 DY	WP190298-BBB	25-66-00-52	LHAF	5A3307-7	BNG9036
10068	Y	2019-11-07	-190	-190 DY	WP190307-BBB	25-66-00-52	RHPW	5A3307-7	BNG19698

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

98. Check box the line.

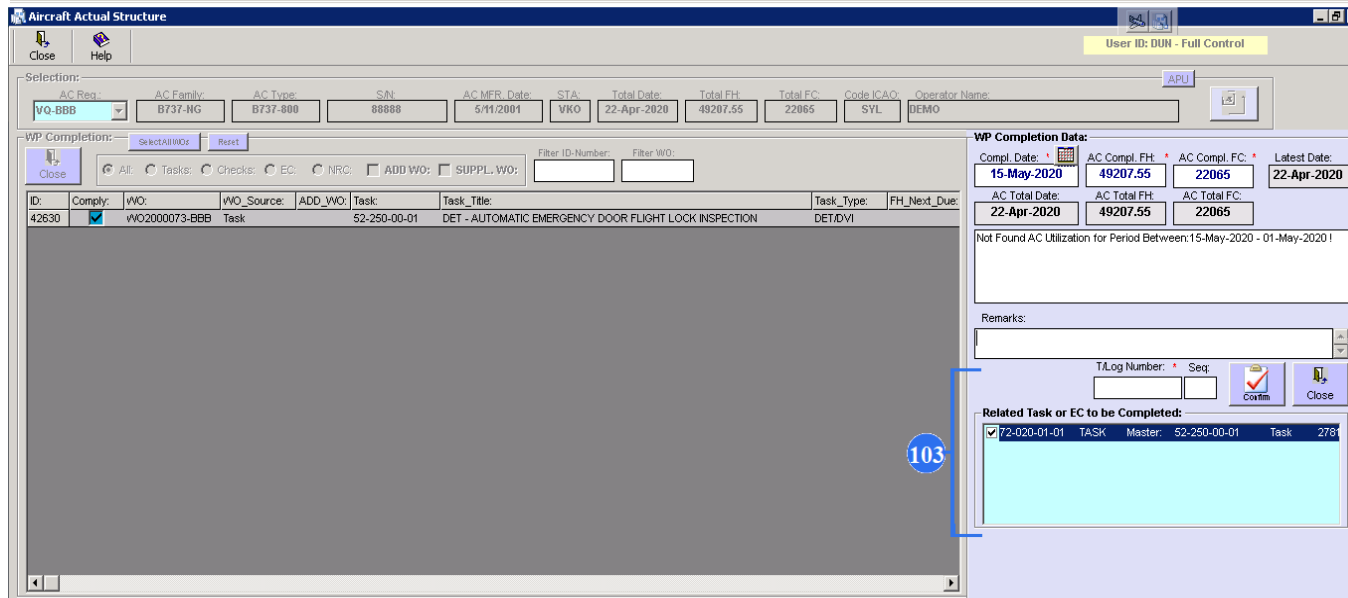
99. Push WP button.

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



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

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

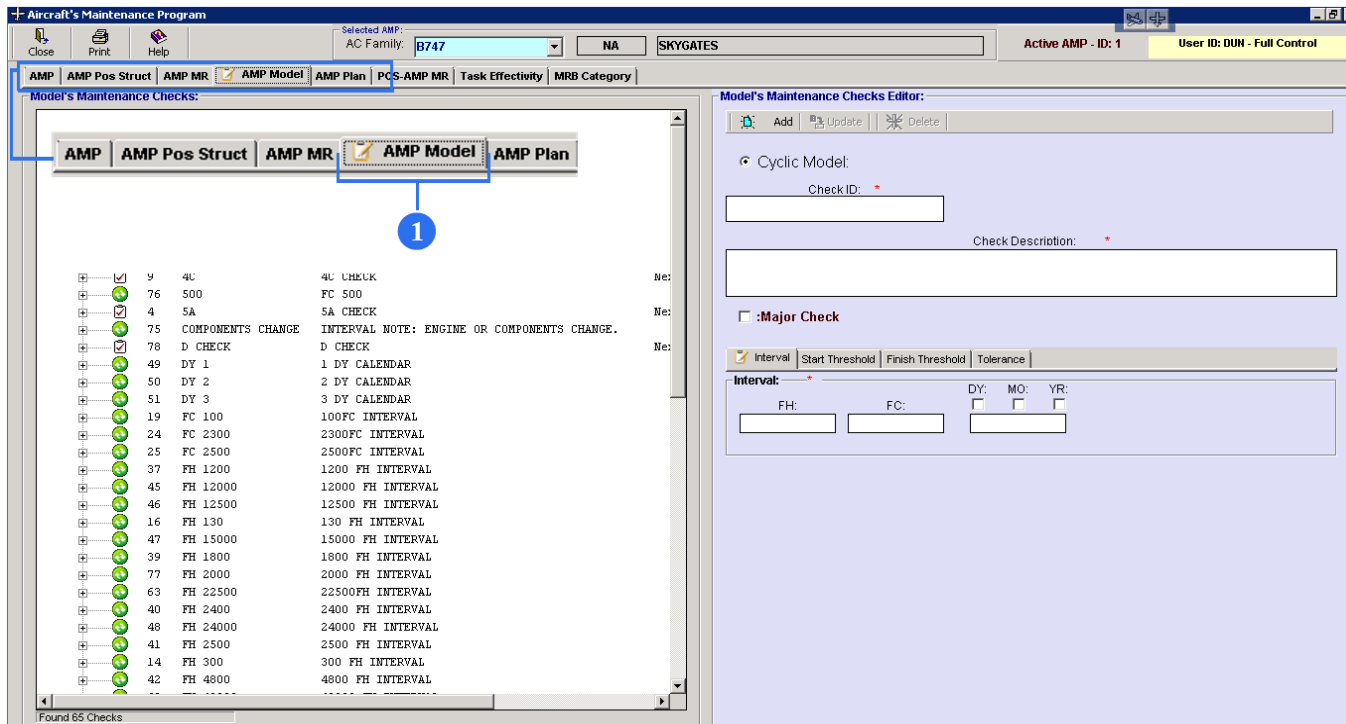


103. Click on the Comply WP (you complete the WP).

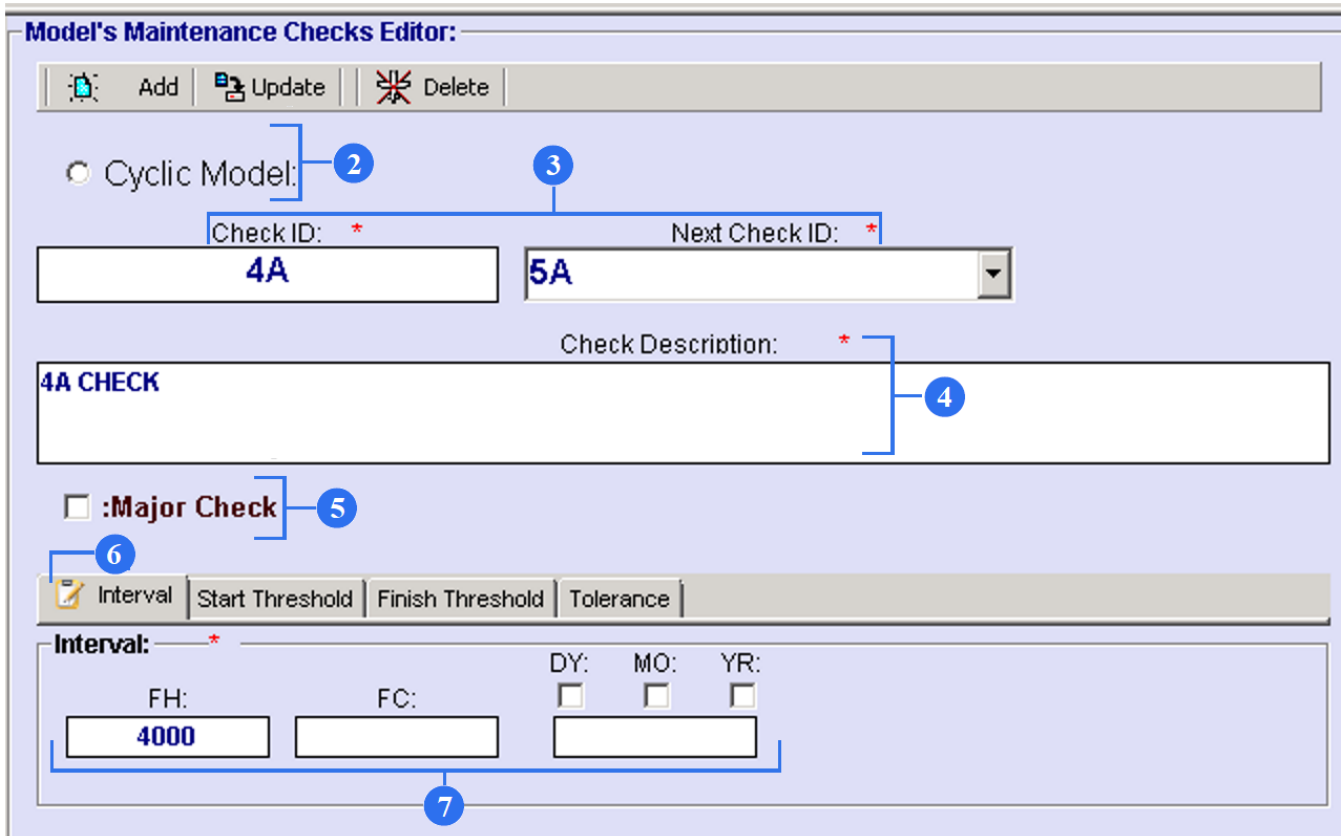
104. "Related Task or EC to be Completed" field suggests you complete related task. Enter Tlog number and click Confirm.

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.



Model's Maintenance Checks Editor:

1. Add Update Delete

2. Cyclic Model:

3. Check ID: * 4A Next Check ID: * 5A

4. Check Description: * 4A CHECK

5. :Major Check

6. Interval Start Threshold Finish Threshold Tolerance

7. Interval: * FH: 4000 FC: DY: MO: YR:

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.

The screenshot displays three sequential tabs in a software interface:

- Start Threshold:** Contains input fields for FH, FC, and a date field (DY, MO, YR). A blue box labeled '9' encompasses the date field.
- Finish Threshold:** Contains input fields for FH, FC, and a date field (DY, MO, YR). A blue box labeled '11' encompasses the date field.
- Tolerance:** Contains two sections: 'Early Rescheduled Method' and 'Late Rescheduled Method'. Each section has checkboxes for 'Completion' and 'When Due', and spinners for 'Early Tolerance' and 'Late Tolerance'. A blue box labeled '13' encompasses the tolerance spinners.

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.

Model's Maintenance Checks Editor:

Cyclic Model:

Check ID: * Next Check ID: *

Check Description: *

:Major Check

Interval | Start Threshold | Finish Threshold | Tolerance

Interval: * FH: FC: DY: MO: YR:

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.

AMP	AMP Pos Struct	AMP MR	AMP Model	AMP Plan	POS-AMP MR	Task Effectivity	MRB Category
Model's Maintenance Checks:							
+	<input checked="" type="checkbox"/>	3	3A	3A CHECK			Ne: ▲
-	<input checked="" type="checkbox"/>	8	3C	3C CHECK			Ne:
Repetitive Interval: 30000 FH; 72 MO;							
+	<input checked="" type="checkbox"/>	18	4A	4A CHECK			Ne:
-	<input checked="" type="checkbox"/>	9	4C	4C CHECK			Ne:
Repetitive Interval: 40000 FH; 96 MO;							
+	<input checked="" type="checkbox"/>	76	500	FC 500			
+	<input checked="" type="checkbox"/>	4	5A	5A CHECK			Ne:
+	<input checked="" type="checkbox"/>	75	COMPONENTS CHANGE	INTERVAL NOTE:			
+	<input checked="" type="checkbox"/>	78	D CHECK	D CHECK			Ne:
+	<input checked="" type="checkbox"/>	49	DY 1	1 DY CALENDAR			
+	<input checked="" type="checkbox"/>	50	DY 2	2 DY CALENDAR			
+	<input checked="" type="checkbox"/>	51	DY 3	3 DY CALENDAR			
+	<input checked="" type="checkbox"/>	19	FC 100	100FC INTERVAL			
+	<input checked="" type="checkbox"/>	24	FC 2300	2300FC INTERVAL			
+	<input checked="" type="checkbox"/>	25	FC 2500	2500FC INTERVAL			
+	<input checked="" type="checkbox"/>	37	FH 1200	1200 FH INTERVAL			
+	<input checked="" type="checkbox"/>	45	FH 12000	12000 FH INTERVAL			
+	<input checked="" type="checkbox"/>	46	FH 12500	12500 FH INTERVAL			
+	<input checked="" type="checkbox"/>	16	FH 130	130 FH INTERVAL			

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.

The screenshot shows the 'Aircraft's Maintenance Program' interface. At the top, there are fields for 'Selected AMP: AC Family: B747', 'NA', 'SKYGATES', 'Active AMP - ID: 1', and 'User ID: DUH - Full Control'. Below this is a navigation bar with tabs: 'AMP', 'AMP Pos Struct', 'AMP MR', 'AMP Model', 'AMP Plan', 'POS-AMP MR', 'Task Effectivity', and 'MRB Category'. The 'AMP Plan' tab is selected and highlighted with a blue box and a blue circle containing the number '1'. Below the navigation bar, there are filter options for 'Filter Task' and 'Filter Check'. The main area is divided into two panes. The left pane shows a list of tasks with columns for ID, ATA, and description. The right pane shows a detailed view of selected tasks with columns for ID, ATA, TASK, Basic_Task, JIC, and TASK. A status bar at the bottom indicates 'Found 65 Checks; Found 140 Out of Check Tasks' and 'Found 1452 Records'.

ID	ATA	TASK	Basic_Task	JIC	TASK
889	12	12-006-00-01	12-006-00		IDG C
890	12	12-006-00-02	12-006-00		IDG C
891	12	12-006-00-03	12-006-00		IDG C
892	12	12-006-00-04	12-006-00		IDG C
15	12	12-010-00-01	12-010-00		ACCI
16	12	12-016-00-01	12-016-00		LEAC
893	12	12-016-00-02	12-016-00		LEAC
17	12	12-018-00-01	12-018-00		T.E. F
1382	12	12-018-00-02	12-018-00		T.E. F
18	12	12-022-00-01	12-022-00		LEFT
894	12	12-022-00-02	12-022-00		RIGHT
19	12	12-024-00-01	12-024-00		ELEV
20	12	12-026-00-01	12-026-00		RUD
21	12	12-028-00-01	12-028-00		FLIGH
1383	12	12-028-00-02	12-028-00		FLIGH
22	12	12-029-00-01	12-029-00		LEFT
897	12	12-029-00-02	12-029-00		RIGHT
23	12	12-030-00-01	12-030-00		AILEF
898	12	12-030-00-02	12-030-00		AILEF
24	12	12-032-00-01	12-032-00		AILEF
25	12	12-034-00-01	12-034-00		OUTR
899	12	12-034-00-02	12-034-00		OUTR
26	12	12-036-00-01	12-036-00		RUD
27	12	12-038-00-01	12-038-00		RUD
28	12	12-040-00-01	12-040-00		UPPR
29	12	12-042-00-01	12-042-00		LEFT
900	12	12-042-00-02	12-042-00		RIGHT
30	12	12-044-00-01	12-044-00		STAB
31	12	12-046-00-01	12-046-00		STAB
32	12	12-048-00-01	12-048-00		T.E. F
901	12	12-048-00-02	12-048-00		T.E. F
33	12	12-050-00-01	12-050-00		T.E. F

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

Maintenance Plan:

AMP | AMP Pos Struct | AMP MR | AMP Model | **AMP Plan** | POS-AMP MR | Task Effectivity | MRB Category

Filter Task: Filter Check:

Internal External

B747: SKYGATES - AMP Checks Model:

- 1 1A 1A CHECK
- 6 1C 1C CHECK
- 2 2A 2A CHECK

Repetitive Interval: 2000 FH;

- 177 21-058-16-01 PERFORM AN OPERATIONAL CHECK OF THE E/E CO
- 200 24-031-01-01 TEST (OFF-AIRCRAFT) MAIN BATTERY CAPACITY
- 201 24-031-02-01 TEST (OFF-AIRCRAFT) APU BATTERY CAPACITY A
- 365 29-011-03-01 PERFORM A DETAILED INSPECTION OF THE HYDRA
- 987 29-011-03-02 PERFORM A DETAILED INSPECTION OF THE HYDRA
- 988 29-011-03-03 PERFORM A DETAILED INSPECTION OF THE HYDRA
- 989 29-011-03-04 PERFORM A DETAILED INSPECTION OF THE HYDRA
- 386 31-061-12-02 CLEAN THE PRIMARY FLIGHT DISPLAY (PFD'S)
- 424 33-024-00-01 PERFORM OPERATIONAL CHECK OF THE PASSENGER
- 440 34-061-02-01 CLEAN CDU'S
- 448 35-011-09-01 CREW OXYGEN MASK/REGULATOR OR CREW INTEGRA
- 489 49-031-02-01 APU FUEL FILTER.
- 396 52-071-01-01 DOOR WARNING SYSTEM - FWD/AFT CARGO
- 397 52-071-02-01 DOOR WARNING - MAIN DECK SIDE CARGO
- 566 79-321-02-01 ENG 1 LUBRICATION PRESSURE FILTER.
- 1330 79-321-02-02 ENG 2 LUBRICATION PRESSURE FILTER.
- 1331 79-321-02-03 ENG 3 LUBRICATION PRESSURE FILTER.
- 1332 79-321-02-04 ENG 4 LUBRICATION PRESSURE FILTER.
- 7 2C 2C CHECK
- 3 3A 3A CHECK
- 8 3C 3C CHECK
- 18 4A 4A CHECK
- 9 4C 4C CHECK
- 76 500 FC 500
- 4 5A 5A CHECK
- 75 COMPONENTS CHANGE INTERNAL NOTE: ENGINE OR COMPONENTS CHANGE

Maintenance Requirements:

Filter Task: Filter ATA: Filter Task Description: Filter Type: No Filter

Excel Internal No MP APU

ID:	ATA:	TASK:	Basic Task:	JIC:	TASK
482	49	49-015-02-01	49-015-02		INTAI
483	49	49-016-02-01	49-016-02		DRAI
484	49	49-021-04-01	49-021-04		APU
485	49	49-021-05-01	49-021-05		APU
486	49	49-021-06-01	49-021-06		APU
487	49	49-021-07-01	49-021-07		HIGH
488	49	49-027-02-01	49-027-02		APU
489	49	49-031-02-01	49-031-02		APU
490	49	49-041-02-01	49-041-02		APU
491	49	49-052-01-01	49-052-01		APU
492	49	49-052-02-01	49-052-02		APU
493	49	49-052-04-01	49-052-04		PNEI
494	49	49-052-05-01	49-052-05		APU
495	49	49-053-02-01	49-053-02		APU
496	52	52-011-01-03	52-011-01		DOO
497	52	52-011-02-03	52-011-02		MAIN
498	52	52-011-05-03	52-011-05		DOO
500	52	52-011-08-01	52-011-08		MAIN
965	52	52-011-08-02	52-011-08		MAIN
501	52	52-011-16-01	52-011-16		MAIN
967	52	52-011-16-02	52-011-16		MAIN
502	52	52-011-22-01	52-011-22		MAIN
975	52	52-011-22-02	52-011-22		MAIN
503	52	52-011-27-01	52-011-27		MAIN
504	52	52-013-03-01	52-013-03		UPPI
505	52	52-013-04-01	52-013-04		UPPI
506	52	52-013-05-01	52-013-05		UPPI
507	52	52-013-07-01	52-013-07		UPPI
508	52	52-013-08-01	52-013-08		UPPI
509	52	52-021-02-01	52-021-02		CREB
510	52	52-021-03-01	52-021-03		CREB
511	52	52-021-08-01	52-021-08		CREB

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.

Maintenance Plan: SKYGATES - AMP Checks Model:

- 1 1A 1A CHECK
- 6 1C 1C CHECK
- 2 2A 2A CHECK
- Repetitive Interval: 2000 FH;
- 177 21-058-16-01 PERFORM AN OPERATIONAL CHECK OF THE E/E COOL.
- 200 24-031-01-01 TEST (OFF-AIRCRAFT) MAIN BATTERY CAPACITY AMI
- 201 24-031-02-01 TEST (OFF-AIRCRAFT) APU BATTERY CAPACITY AMI
- 365 29-011-03-01 PERFORM A DETAILED INSP
- 987 29-011-03-02 PERFORM A DETAILED INSP
- 988 29-011-03-03 PERFORM A DETAILED INSP
- 989 29-011-03-04 PERFORM A DETAILED INSP
- Start Threshold: 2000 FH;
- Repetitive Interval: 2000 FH;
- Eff: ALL
- 386 31-061-12-02 CLEAN THE PRIMARY FLIGHT
- 424 33-024-00-01 PERFORM OPERATIONAL CHE
- 440 34-061-02-01 CLEAN CDU'S.
- 448 35-011-09-01 CREW OXYGEN MASK/REGULA
- 397 52-071-01-01 DOOR WARNING SYSTEM - F
- 397 52-071-02-01 DOOR WARNING - MAIN DECI
- 566 79-321-02-01 ENG 1 LUBRICATION PRESS
- 1330 79-321-02-02 ENG 2 LUBRICATION PRESS
- 1331 79-321-02-03 ENG 3 LUBRICATION PRESS
- 1332 79-321-02-04 ENG 4 LUBRICATION PRESS
- 7 2C 2C CHECK
- 3 3A 3A CHECK
- 8 3C 3C CHECK
- 18 4A 4A CHECK
- 9 4C 4C CHECK
- 26 500 500

Maintenance Requirements:

ID	ATA	TASK	Basic_Task	JIC	TASK
235	25	25-061-03-01	25-061-03		INSP
236	25	25-062-02-01	25-062-02		RES
237	25	25-062-05-01	25-062-05		RES
238	25	25-063-03-01	25-063-03		FUNC
239	25	25-063-04-01	25-063-04		DISC
240	25	25-064-00-01	25-064-00		DISC
241	25	25-064-01-01	25-064-01		PERF
242	25	25-064-05-01	25-064-05		SMOI
243	25	25-068-01-02	25-068-01		FLOC
					REM
					FUNC
					OPEF
					PERF
					PERF
					CLEF
					PERF
					PERF
					UPPE
					UPPE
					PERF
					LOW
					LOW
					MAIN
					LOW
					MAIN
					INSP
					INSP
					INSP
					CLEF
					USE
					PERF

Transfer Task Out and Terminate

Task is present in Actual Planning for some of Aircrafts !
Task will be Terminated in Actual Planning if you Confirm !

YES - Confirm Transfer Selected Tasks out of Maintenance Plan and Terminate in Planning Module !

NO - Confirm Transfer Selected Tasks out of Maintenance Plan and NOT Terminate in Planning Module !

Yes No Cancel

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.

Maintenance Plan: **Maintenance Requirements:**

Aircraft's Maintenance Program

Selected AMP: AC Family: **B747** NA SKYGATES Active AMP - ID: 1 User ID: DUN - Full Control

AMP AMP Pos Struct AMP MR AMP Model AMP Plan POS-AMP MR Task Effectivity MRB Category

Maintenance Plan: Filter Task: Internal

Additional Info: Selected Table: 'AMP_MR'; Search Field: 'ID'; Search Criteria: '246'

AC Family: B747
ATA: 26
TASK: 26-010-00-01
BASIC_TASK: 26-010-00
TASK Title: OPERATIONALLY CHECK THE CARGO, ENGINE AND APU FIRE/OVERHEAT DETECTION SYSTEM
TASK Description: OPERATIONALLY CHECK THE CARGO, ENGINE AND APU FIRE OVERHEAT DETECTION SYSTEM
Task Type: OPC
Task Effectivity: ALL
Main_Zone: 221
Zones: 221; 222
Note: SPECIAL NOTE: MPD INTERVAL FOR THIS TASK IS 24 ELAPSED CLOCK HOURS. CMR INTERVAL FOR THIS TASK IS 24 ELAPSED CLOCK HOURS.
Base: N
MNH: 0.05
Calendar_Start: DY
Calendar_Value_Start: 1
Calendar_Interval: DY
Calendar_Value_Interval: 1
Doc_Reference_Interval: AMP ISSUE 3, REV.0
Early_Resched_Method: Completion
Early_Tolerance_EM: 0
Late_Resched_Method: When due
Early_Tolerance_LM: 0
Late_Tolerance_LM: 0
CMR: Y

Basic_Task	JIC	TASK
25-061-03		INSP
25-062-02		RES
25-062-05		RES
25-063-03		FUNC
25-063-04		DISC
25-064-00		DISC
25-064-01		PERF
25-064-05		SMOI
25-068-01		FLOC
25-068-03		REMI
25-068-50		FUNC
26-010-00		OPEF
26-012-02		OPEF
26-013-00		PERF
26-013-01		PERF
26-013-02		CLEF
26-014-00		PERF
26-014-01		PERF
26-014-50		UPPI
26-014-51		UPPI
26-015-04		PERF
26-016-01		LOW
26-016-02		LOW
26-016-02		MAIN
26-016-03		LOW
26-016-03		MAIN
26-016-05		INSP
26-016-05		INSP
26-016-05		INSP
26-016-06		CLEF
26-017-01		USE
26-018-01-01		PFPR

Found 65 Checks, Found 140 Out of Check Tasks Found 1452 Records

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.

Maintenance Requirements:

11. Filter Task: Filter ATA: Filter Task Description: Filter Type:

15. Excel No MP APU 14

12. Interval

Interval Filter

FH:

FC:

DY: MO: YR:

And Or

13. Ok Cancel Reset

ID:	ATA:	TASK:	Basic_Task:	JIC:	TASK ▲
235	25	25-061-03-01	25-061-03		INSP
236	25	25-062-02-01	25-062-02		RES
237	25	25-062-05-01	25-062-05		RES
238	25	25-063-03-01	25-063-03		FUN
239	25	25-063-04-01	25-063-04		DISC
240	25	25-064-00-01	25-064-00		DISC
241	25	25-064-01-01	25-064-01		PERI
242	25	25-064-05-01	25-064-05		SMOI
243	25	25-068-01-02	25-068-01		FLOC
244	25	25-068-03-02	25-068-03		REMI
245	25	25-068-50-02	25-068-50		FUN
246	26	26-010-00-01	26-010-00		OPEI
248	26	26-012-02-01	26-012-02		OPEI
249	26	26-013-00-01	26-013-00		PERI
250	26	26-013-01-01	26-013-01		PERI
251	26	26-013-02-01	26-013-02		CLEA

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.

Maintenance Requirements:

Filter Task: Filter ATA: Filter Task Description: Filter Type:

ID:	ATA:	TASK:	Basic_Task:	JIC:	TASK ▲
235	25	25-061-03-01	25-061-03		INSP
236	25	25-062-02-01	25-062-02		RES
237	25	25-062-05-01	25-062-05		RES
238	25	25-063-03-01	25-063-03		FUN
239	25	25-063-04-01	25-063-04		DISC
240	25	25-064-00-01	25-064-00		DISC
241	25	25-064-01-01	25-064-01		PERF
242	25	25-064-05-01	25-064-05		SMOI
243	25	25-068-01-02	25-068-01		FLOC
244	25	25-068-03-02	25-068-03		REMI
245	25	25-068-50-02	25-068-50		FUN
246	26	26-010-00-01	26-010-00		OPEI
248	26	26-012-02-01	26-012-02		OPEI
249	26	26-013-00-01	26-013-00		PERI
250	26	26-013-01-01	26-013-01		PERI
251	26	26-013-02-01	26-013-02		CLEA

Interval Filter

FH:

FC:

DY: MO: YR:

And Or

Ok Cancel Reset

Excel

Interval

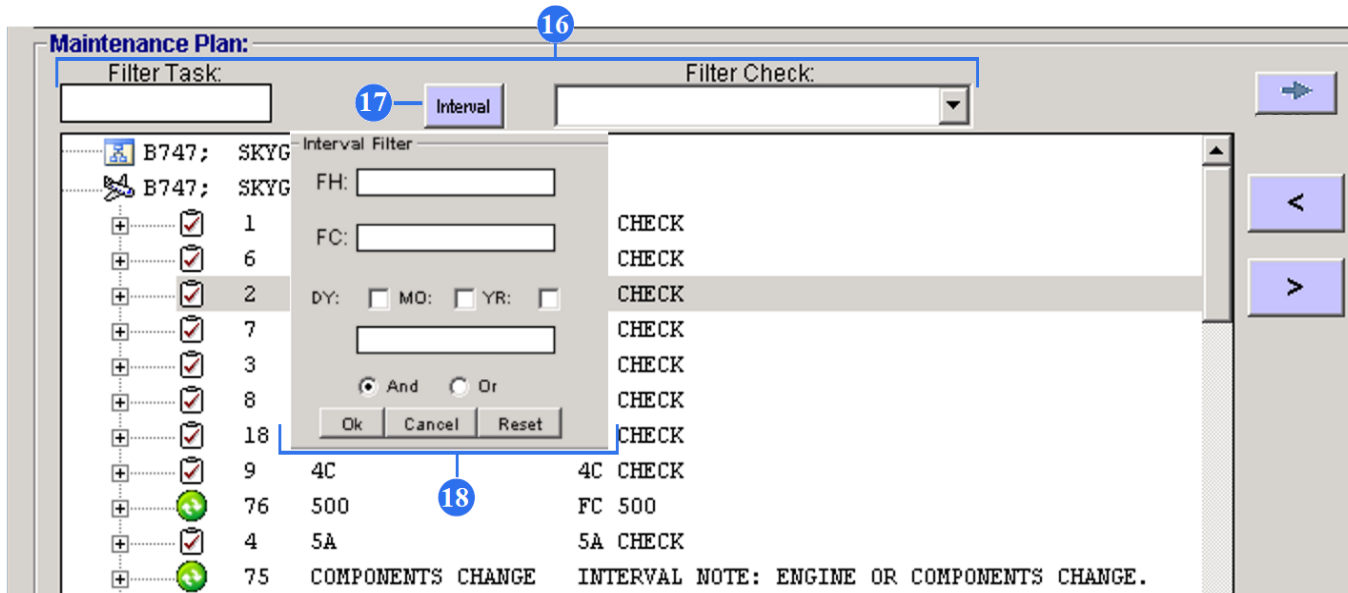
No MP

APU

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.

Aircraft's Maintenance Program

Selected AMP: AC Family: **B747** NA SKYGATES Active AMP - ID: 1 User ID: DUN - Full Control

AMP AMP Pos Struct AMP MR AMP Model AMP Plan POS-AMP MR Task Effectivity MRB Category

Maintenance Plan: Filter Task: Filter Check: Interval Filter

Interval Filter: FH: FC: DY: MD: YR: And Or

Found 65 Checks, Found 140 Out of Check Tasks

Maintenance Requirements:

ID:	ATA:	TASK:	Basic_Task:	JIC:	TASK
1525	72-32-00	747-72-32-087-03	747-72-32-087-03	747-72-32-087-03	INSP
1526	72-32-00	747-72-32-087-04	747-72-32-087-04	747-72-32-087-04	INSP
1463	72-51-04	747-72-51-04	747-72-51-04		CHE
1470	72-03-00	747-72-B996	747-72-B996		INSP
1404	73-00-00	747-73-00-043	747-73-00-043		PRE
1407	73-00-00	747-73-00-045	747-73-00-045		DEPI
1472	75-33-05	747-75-33-065-01	747-75-33-065-01		INSP
1473	75-33-05	747-75-33-065-02	747-75-33-065-02		INSP
1474	75-33-05	747-75-33-065-03	747-75-33-065-03		INSP
1475	75-33-05	747-75-33-065-04	747-75-33-065-04		INSP
1461	78-31-05	747-78-30-061	747-78-30-061		REPI
559	75	75-300-03-01	75-300-03		ENG
1308	75	75-300-03-02	75-300-03		ENG
1309	75	75-300-03-03	75-300-03		ENG
1310	75	75-300-03-04	75-300-03		ENG
560	75	75-333-12-01	75-333-12		REPI
1311	75	75-333-12-02	75-333-12		REPI
1312	75	75-333-12-03	75-333-12		REPI
1313	75	75-333-12-04	75-333-12		REPI
561	77	77-335-02	77-335-02		DRAI
562	78	78-334-01-01	78-334-01		ENG
1314	78	78-334-01-02	78-334-01		ENG
1315	78	78-334-01-03	78-334-01		ENG
1316	78	78-334-01-04	78-334-01		ENG
563	78	78-334-02-01	78-334-02		ENG
1317	78	78-334-02-02	78-334-02		ENG

Task - Checks Model: ID = 562

Check:	Check_Description:	Check_Type:	FH_Start:	FC_Start:	Calendar_Start:	Calendar_Val:
1C	1C CHECK	Phase				

Found 1452 Records Show Task-Check Model

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.

Task - Checks Model: ID = 562

Check:	Check_Description:	Check_Type:	FH_Start:	FC_Start:	Calendar_Start:	Calendar_Val:
1C	1C CHECK	Phase				

Found 1452 Records Show Task-Check Model

8. POS – AMP MR

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

The screenshot shows the 'Aircraft's Maintenance Program' interface. The top navigation bar includes 'AMP', 'AMP Pos Struct', 'AMP MR', 'AMP Model', 'AMP Plan', 'POS-AMP MR', 'Task Effectivity', and 'MRB Category'. The 'POS-AMP MR' tab is selected and highlighted with a blue circle containing the number '1'. Below this, the 'Relation between Component IPC Position and Maintenance Requirements' section is visible, showing a tree view of IPC positions and a table of maintenance requirements.

ID	ATA	TASK	Basic_Task	JIC	TASK
82	47	47-031-01-01	47-031-01		OZOI
479	47	47-023-01-01	47-AWL-07		NEAI
478	47	47-022-01-01	47-AWL-08		CEN
480	47	47-032-01-01	47-032-01		NGS
481	47	47-042-01-01	47-AWL-10		NGS
485	49	49-021-05-01	49-021-05		APU
492	49	49-052-02-01	49-052-02		APU
486	49	49-021-06-01	49-021-06		APU
494	49	49-052-05-01	49-052-05		APU
1481	49-12-13	747-49-12-13	12-144-00		CHEI
1459	49-71-00	747-49-71-00-007	747-49-71-00-007		CHEI
495	49	49-053-02-01	49-053-02		APU
491	49	49-052-01-01	49-052-01		APU
493	49	49-052-04-01	49-052-04		PNEI
489	49	49-031-02-01	49-031-02		APU
490	49	49-041-02-01	49-041-02		APU
484	49	49-021-04-01	49-021-04		APU
482	49	49-015-02-01	49-015-02		INTAI
483	49	49-016-02-01	49-016-02		DRAI
487	49	49-021-07-01	49-021-07		HIGH
488	49	49-027-02-01	49-027-02		APU
1396	51	747-51-00-016	N/A		AIRC
674	52	52-802-01-01	52-802-01		DOO
675	52	52-804-01-01	52-804-01		NOSI
1030	52	52-500-00-02	52-500-00		RIGH
582	52	52-490-00-01	52-490-00		CREB

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

The screenshot displays the Aircraft's Maintenance Program (AMP) software interface. The top navigation bar includes options like Close, Print, and Help. The main window is divided into several sections:

- AMP IPC Positions Structure:** A tree view showing component positions. Item 490 is highlighted with a blue circle and a '3' callout.
- Relation between IPC Positions - MR:** A list of maintenance requirements. Item 490 is highlighted with a blue circle and a '5' callout.
- Maintenance Requirements:** A table with columns: ID, ATA, TASK, Basic_Task, JIC, and TASK. Item 490 is highlighted with a blue circle and a '2' callout.

Callouts 1, 2, 3, 4, and 5 are placed on the interface to indicate the steps described in the text:

- 1: Points to the 'Task Effectivity' button in the top navigation bar.
- 2: Points to the '490' row in the Maintenance Requirements table.
- 3: Points to the '490' item in the AMP IPC Positions Structure tree.
- 4: Points to the left arrow button between the AMP IPC Positions Structure and Relation between IPC Positions - MR panels.
- 5: Points to the '490' item in the Relation between IPC Positions - MR list.

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".

Aircraft Actual Structure User ID: DUN - Full Control

Close Help

Selection:

AC Req: **VP-BCH** AC Family: **B747** AC Type: **B747-400F** SN: **30804** AC MFR Date: **12/09/2000** STA: **DME** Total Date: **27-Jun-2019** Total FH: **75211.43** Total FC: **14011** Code ICAO: **NA** Operator Name: **SKYGATES** APU

WP - Work Package **Components** EC - Engineering Orders

Components: Filter IPC Position: **49** Filter PN: Filter SN: Filter Description: Sub-Assy Removed Unsch Robbed **SWAP** **Print** **Print Full** **Removal** **Replacement** **Attach - 1**

Found: 6 Major IPC Pos

VP-BCH

Actual Components Position Structure:

1849	49-00-00	APU	APU	FW901A	PC9300711	REP2	INITIAL	64567.39	11210	
1727	49-11-51		UNIT-ELECTRONIC CTRL	800485-2-010	92090791	REP	NA	67169.58	12155	02-Nov-
2652	49-15-04		ACTUATOR-APU AIR INLET DOOR	732-16870-02	32-776	REP	NA	73293.5	13656	25-Jun-
2422	49-41-01		STARTER ASSY, APU	CS1116-11	1164	OH	NA	72834.15	13570	15-Jan-
TSI: 2376.58 FH; TSM: 2376.58 FH; TSO: 2376.58 FH; TSR: 2376.58 FH;										
CSI: 441 FC; CSN: 441 FC; CSO: 441 FC; CSR: 441 FC;										
18095 Remains: 432 FC; Task: 49-041-02-01 APU STARTER MOTOR. FC Next Due: 16552 APU Count										
2188	49-52-04		VALVE ASSY	800956-2	F73608	NEW	NA	70472.4	13089	12-May-
2193	49-52-06		VALVE ASSY	800954-6	F64519	NEW	NA	70564.39	13109	21-May-

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

Aircraft's Maintenance Program

Selected AMP: B747 AC Family: NA SKYGATES Active AMP - ID: 1 User ID: DUN - Full Control

AMP AMP Pos Struct AMP MR AMP Model AMP Plan POS-AMP MR Task Effectivity MRB Category

Relation between Component IPC Position and Maintenance Requirements:

AMP IPC Positions Structure:

- 241 49-21-02-68-090 CENTRIFUGAL IMPELLER
- 1020 49-11-51 UNIT-ELECTRONIC CTRL
- 1021 49-15-04 ACTUATOR-APU AIR INLET DOOR
- 1357 49-41-01 STARTER ASSY, APU
- 1274 49-52-04 VALVE ASSY
- 1278 49-52-06 VALVE ASSY
- 1519 49-61-05-01 APU SENSOR-TEMPERATURE
- 1324 52-31-02 LH ACTUATOR, NOSE CARGO DOOR

Found 992 Positions

Relation between IPC Positions - MR:

- B747: SKYGATES
- 1316 32-11-00 WLG LH WLG LH
- 1319 32-11-00 WLG RH WLG RH
- 1317 32-13-00 ELG LH ELG LH
- 1318 32-13-00 ELG RH ELG RH
- 854 32-21-02 NLG BUILDUP ASSY - (NLG)
- 1357 49-41-01 STARTER ASSY, APU
- 490 Task: 49-041-02-01 APU STARTER MOTOR.; Type: DET; Eff.:
- 1274 49-52-04 VALVE ASSY

Found 7 Positions

Maintenance Requirements:

ID	ATA	TASK	Basic_Task	JIC	TASK
82	47	47-031-01-01	47-031-01		OZOI
479	47	47-023-01-01	47-AWL-07		NEAI
478	47	47-022-01-01	47-AWL-08		CEN
480	47	47-032-01-01	47-032-01		NGS
481	47	47-042-01-01	47-AWL-10		NGS
485	49	49-021-05-01	49-021-05		APU
492	49	49-052-02-01	49-052-02		APU
486	49	49-021-06-01	49-021-06		APU
494	49	49-052-05-01	49-052-05		APU
1481	49-12-13	747-49-12-13	12-144-00		CHEI
1459	49-71-00	747-49-71-00-007	747-49-71-00-007		CHEI
495	49	49-053-02-01	49-053-02		APU
491	49	49-052-01-01	49-052-01		APU
493	49	49-052-04-01	49-052-04		PNEI
489	49	49-031-02-01	49-031-02		APU
490	49	49-041-02-01	49-041-02		APU
484	49	49-021-04-01	49-021-04		APU
482	49	49-015-02-01	49-015-02		INTAI
483	49	49-016-02-01	49-016-02		DRAI
487	49	49-021-07-01	49-021-07		HIGH
488	49	49-027-02-01	49-027-02		APU
1396	51	747-51-00-016	N/A		AIRC
674	52	52-802-01-01	52-802-01		DOO
675	52	52-804-01-01	52-804-01		NOSI
1030	52	52-500-00-02	52-500-00		RIGH
582	52	52-490-00-01	52-490-00		CREB

Task - Checks Model: ID = 490

Check	Check_Description	Check_Type	FH_Start	FC_Start	Calendar_Start	Calendar_Val
600	FC 500	Cyclic				

Found 1452 Records Show Task-Check Model

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.

The screenshot displays the 'Aircraft's Maintenance Program' interface. At the top, the 'Selected AMP' is 'B747' and the 'Active AMP - ID' is '1'. The main window shows a list of tasks with columns for 'Task', 'JIC', and 'TASK'. A task with ID '490' is highlighted. An 'Additional Info' dialog box is open over this task, displaying the following details:

- AC Family: B747
- ATA: 49
- TASK: 49-041-02-01
- BASIC_TASK: 49-041-02
- TASK_Title: APU STARTER MOTOR
- TASK_Description: PERFORM A DETAILED INSPECTION OF THE APL STARTER MOTOR BRUSH FOR PRO
- Task_Type: DET
- Task_Effectivity: ALL
- Main_Zone: 317
- Zones: 317; 318
- MRB_Code: 7
- Base: N
- MNHR: 0.2
- FC Interval: 500
- Doc_Reference_Interval: AMP ISSUE 3, REV.0
- Early_Resched_Method: Completion
- Early_Tolerance_EM: 0
- Late_Tolerance_EM: 0
- Late_Resched_Method: When due
- Early_Tolerance_LM: 0
- Late_Tolerance_LM: 0
- APU_Utilization: True
- Status: 0
- AMP_ID: 1

At the bottom of the dialog box, there is a 'Close' button. A blue circle with the number '8' points to a task in the background list, and a blue circle with the number '10' points to the 'Close' button.

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.

Maintenance Requirements:

Filter Task: Filter ATA: Filter Task Description: Filter Type:

Excel No MP APU

Interval

Interval Filter

FH:

FC:

DY: MO: YR:

And Or

Ok Cancel Reset

ID:	ATA:	TASK:	Basic_Task:	JIC:	TASK
235	25	25-061-03-01	25-061-03		INSP
236	25	25-062-02-01	25-062-02		RES
237	25	25-062-05-01	25-062-05		RES
238	25	25-063-03-01	25-063-03		FUNC
239	25	25-063-04-01	25-063-04		DISC
240	25	25-064-00-01	25-064-00		DISC
241	25	25-064-01-01	25-064-01		PERF
242	25	25-064-05-01	25-064-05		SMOI
243	25	25-068-01-02	25-068-01		FLOC
244	25	25-068-03-02	25-068-03		REMI
245	25	25-068-50-02	25-068-50		FUNC
246	26	26-010-00-01	26-010-00		OPEF
248	26	26-012-02-01	26-012-02		OPEF
249	26	26-013-00-01	26-013-00		PERF
250	26	26-013-01-01	26-013-01		PERF
251	26	26-013-02-01	26-013-02		CLEA

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, unselected to any checks yet, select the ‘No MP’ check box and you will get a list of unselected tasks.

To see APU tasks tick “APU” field.

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

Aircraft's Maintenance Program

Selected AMP: AC Family: **B747** NA SKYGATES Active AMP - ID: 1 User ID: DUN - Full Control

AMP AMP Pos Struct AMP MR AMP Model AMP Plan POS-AMP MR Task Effectivity MRB Category

Relation between Component IPC Position and Maintenance Requirements:

AMP IPC Positions Structure:

- 241 49-21-02-68-090 CENTRIFUGAL IMPELLER
- 1020 49-11-51 UNIT-ELECTRONIC CTRL
- 1021 49-15-04 ACTUATOR-APU AIR INLET DOOR
- 1357 49-41-01 STARTER ASSY, APU
- 1274 49-52-04 VALVE ASSY
- 1278 49-52-06 VALVE ASSY
- 1519 49-61-05-01 APU SENSOR-TEMPERATURE
- 1324 52-31-02 LH ACTUATOR, NOSE CARGO DOOR

Found 992 Positions

Relation between IPC Positions - MR:

- B747: SKYGATES
- B747: SKYGATES: Relation Between IPC Positions and Maintenance Requirements
 - 1316 32-11-00 WLG LH WLG LH
 - 1319 32-11-00 WLG RH WLG RH
 - 1317 32-13-00 BLG LH BLG LH
 - 1318 32-13-00 BLG RH BLG RH
 - 854 32-21-02 NLG BUILDUP ASSY - (NLG)
 - 1357 49-41-01 STARTER ASSY, APU
 - 490 Task: 49-041-02-01 APU STARTER MOTOR.; Type: DET; Eff.:
 - 1274 49-52-04 VALVE ASSY

Found 7 Positions

Maintenance Requirements:

ID:	ATA:	TASK:	Basic_Task:	JIC:	TASK
1525	72-32-00	747-72-32-087-03	747-72-32-087-03	747-72-32-087-03	INSP
1526	72-32-00	747-72-32-087-04	747-72-32-087-04	747-72-32-087-04	INSP
1463	72-51-04	747-72-51-04	747-72-51-04		CHE
1470	72-03-00	747-72-B996	747-72-B996		INSP
1404	73-00-00	747-73-00-043	747-73-00-043		PRE
1407	73-00-00	747-73-00-045	747-73-00-045		DEPI
1472	75-33-05	747-75-33-065-01	747-75-33-065-01		INSP
1473	75-33-05	747-75-33-065-02	747-75-33-065-02		INSP
1474	75-33-05	747-75-33-065-03	747-75-33-065-03		INSP
1475	75-33-05	747-75-33-065-04	747-75-33-065-04		INSP
1461	78-31-05	747-78-30-061	747-78-30-061		REPI
559	75	75-300-03-01	75-300-03		ENG
1308	75	75-300-03-02	75-300-03		ENG
1309	75	75-300-03-03	75-300-03		ENG
1310	75	75-300-03-04	75-300-03		ENG
560	75	75-333-12-01	75-333-12		REPI
1311	75	75-333-12-02	75-333-12		REPI
1312	75	75-333-12-03	75-333-12		REPI
1313	75	75-333-12-04	75-333-12		REPI
561	77	77-335-02	77-335-02		DRAI
562	78	78-334-01-01	78-334-01		ENO
1314	78	78-334-01-02	78-334-01		ENO
1315	78	78-334-01-03	78-334-01		ENO
1316	78	78-334-01-04	78-334-01		ENO
563	78	78-334-02-01	78-334-02		ENO
1317	78	78-334-02-02	78-334-02		ENO

Task - Checks Model: ID = 562

Check:	Check_Description:	Check_Type:	FH_Start:	FC_Start:	Calendar_Start:	Calendar_Val:
1C	1C CHECK	Phase				

Found 1452 Records Show Task-Check Model

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.

Task - Checks Model: ID = 562

Check:	Check_Description:	Check_Type:	FH_Start:	FC_Start:	Calendar_Start:	Calendar_Val:
1C	1C CHECK	Phase				

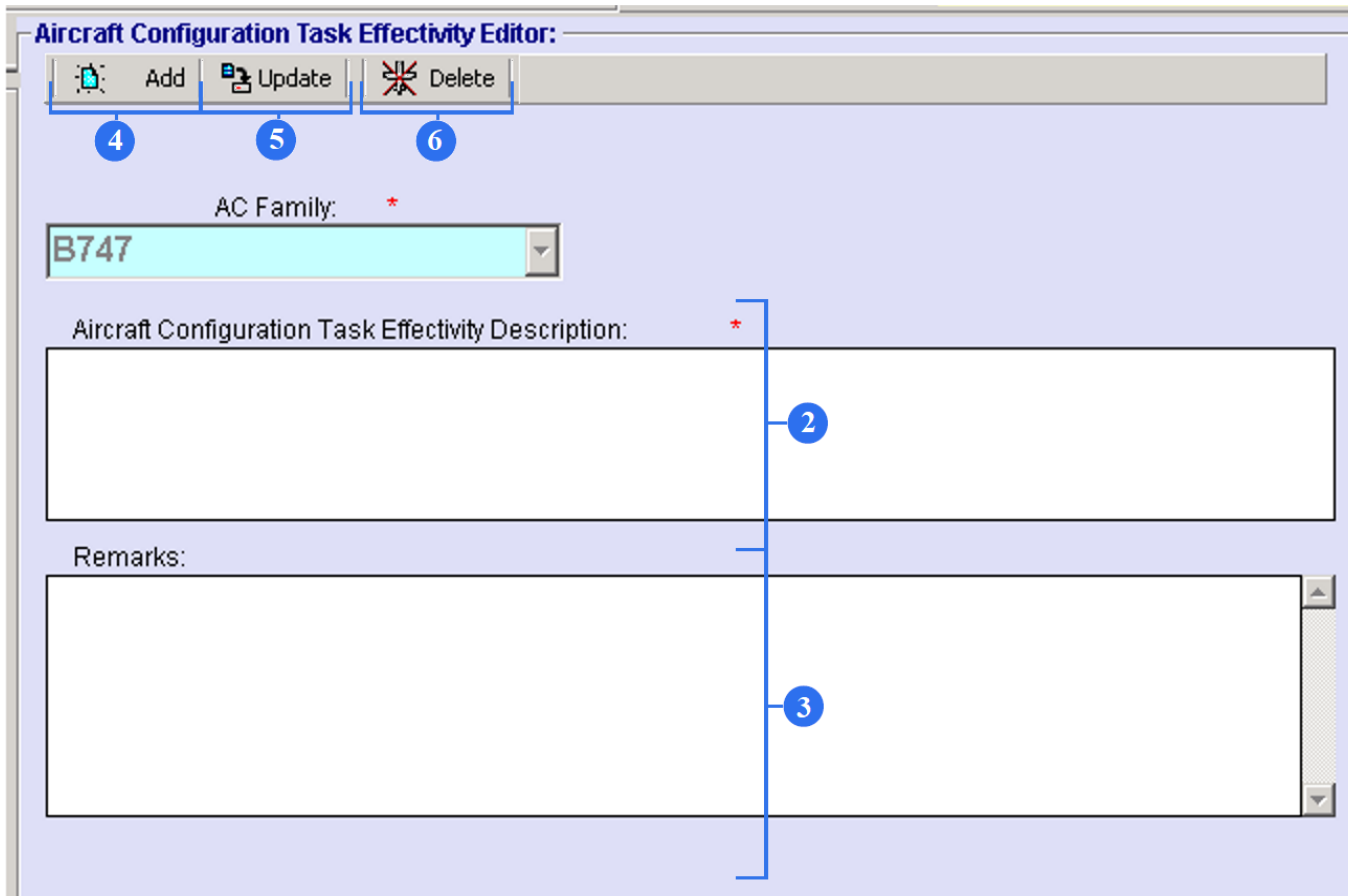
Found 1452 Records Show Task-Check Model

9. Task Effectivity

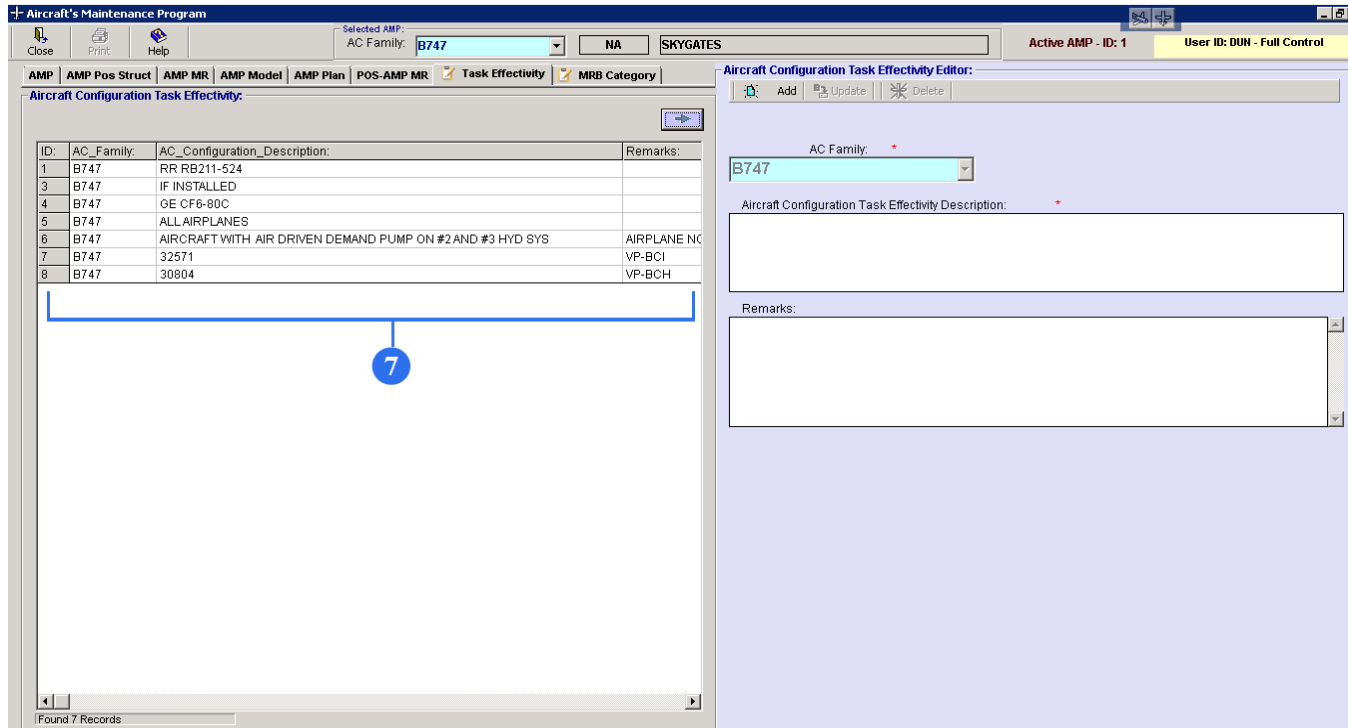
The screenshot displays the 'Aircraft Configuration Task Effectivity Editor' interface. The left pane shows a table of task effectivity records for AC Family B747. The right pane is the editor form. A blue box highlights the 'Task Effectivity' tab in the left pane, with a blue line pointing to the 'Task Effectivity' tab in the right pane. A blue circle with the number '1' is placed below the 'Task Effectivity' tab in the left pane.

ID	AC_Family	AC_Configuration_Description	Remarks
1	B747	RR RB211-524	
3	B747	IF INSTALLED	
4	B747	GE CF6-80C	
5	B747	ALL AIRPLANES	
6	B747	AIRCRAFT WITH AIR DRIVEN DEMAND PUMP ON #2 AND #3 HYD SYS	AIRPLANE NC
7	B747	32571	VP-BCI
8	B747	30804	VP-BCH

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.

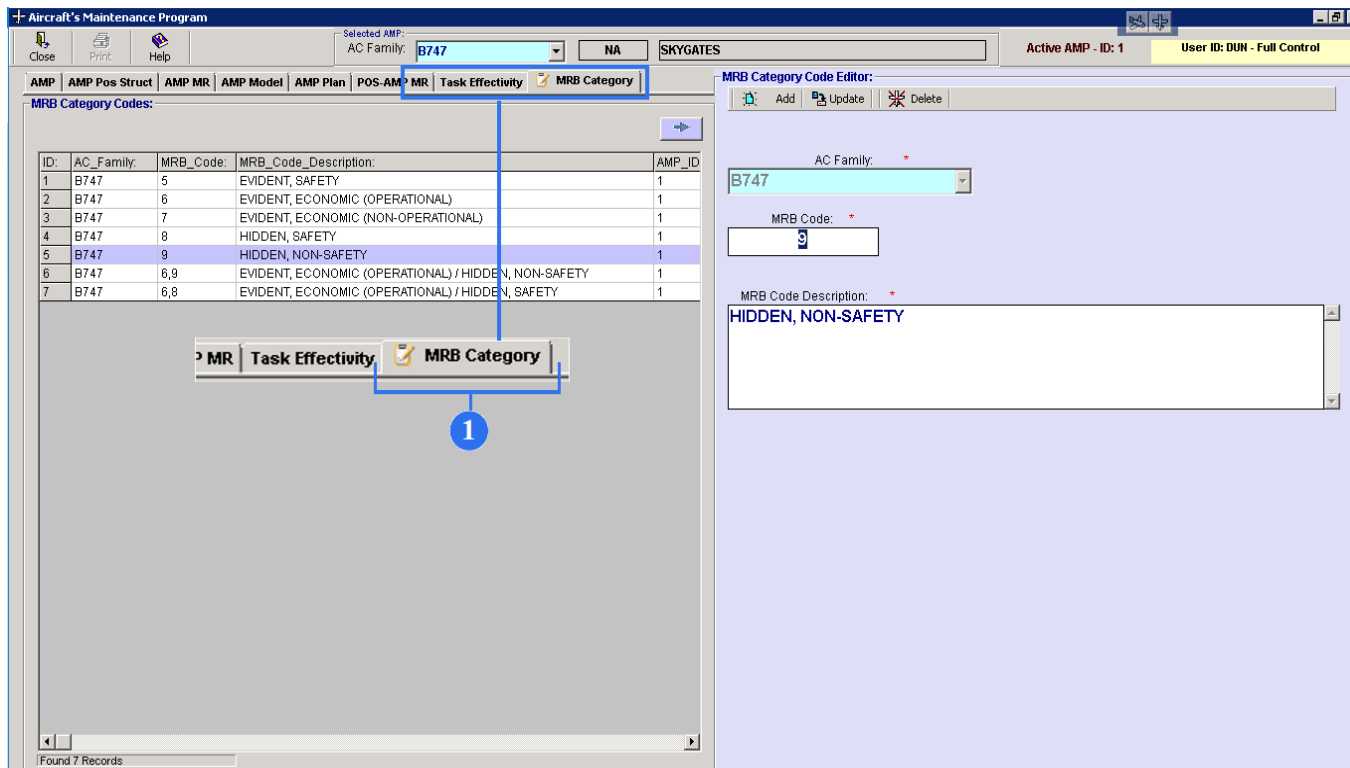


The screenshot displays the 'Aircraft Configuration Task Effectivity Editor' window. The interface includes a menu bar with options like 'Close', 'Print', and 'Help'. Below the menu, there are fields for 'Selected AMP: AC Family: B747', 'NA', and 'SKYGATES'. The 'Active AMP - ID: 1' and 'User ID: DUN - Full Control' are also visible. The main area is divided into two panes. The left pane shows a table with columns 'ID', 'AC_Family', 'AC_Configuration_Description', and 'Remarks'. The right pane contains a form with fields for 'AC Family' (set to B747), 'Aircraft Configuration Task Effectivity Description', and 'Remarks'. A blue circle with the number 7 is positioned over the 'Remarks' column of the table in the left pane.

ID	AC_Family	AC_Configuration_Description	Remarks
1	B747	RR RB211-524	
3	B747	IF INSTALLED	
4	B747	GE CF6-80C	
5	B747	ALL AIRPLANES	
6	B747	AIRCRAFT WITH AIR DRIVEN DEMAND PUMP ON #2 AND #3 HYD SYS	AIRPLANE NC
7	B747	32571	VP-BCI
8	B747	30804	VP-BCH

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

10. MRB (Maintenance Review Board) Category Codes



The screenshot displays the "Aircraft's Maintenance Program" interface. The top menu bar includes "Close", "Print", and "Help". The main window shows the "Selected AMP:" section with "AC Family: B747", "NA", and "SKYGATES". The "Active AMP - ID: 1" and "User ID: DUN - Full Control" are also visible.

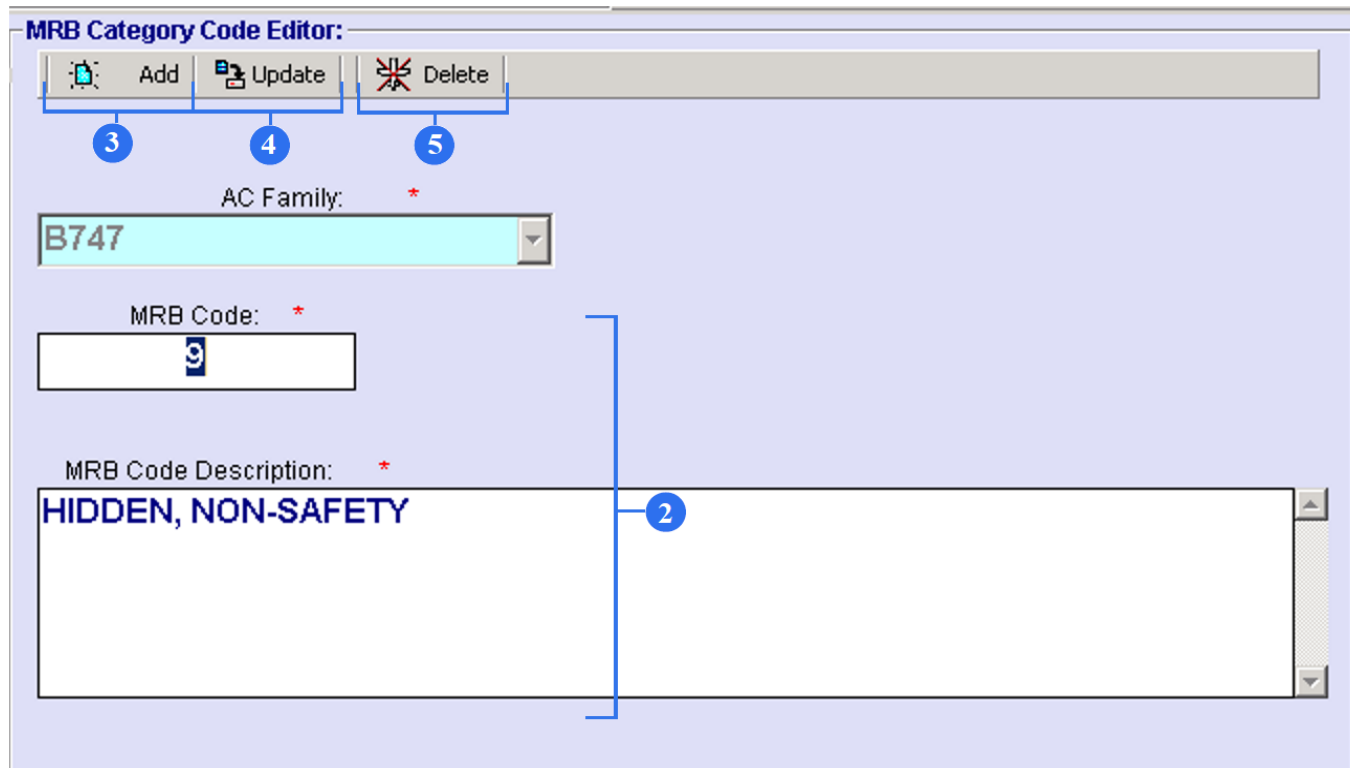
The "MRB Category Codes" section contains a table with the following data:

ID	AC_Family	MRB_Code	MRB_Code_Description	AMP_ID
1	B747	5	EVIDENT, SAFETY	1
2	B747	6	EVIDENT, ECONOMIC (OPERATIONAL)	1
3	B747	7	EVIDENT, ECONOMIC (NON-OPERATIONAL)	1
4	B747	8	HIDDEN, SAFETY	1
5	B747	9	HIDDEN, NON-SAFETY	1
6	B747	6,9	EVIDENT, ECONOMIC (OPERATIONAL) / HIDDEN, NON-SAFETY	1
7	B747	6,8	EVIDENT, ECONOMIC (OPERATIONAL) / HIDDEN, SAFETY	1

The "MRB Category Code Editor" section on the right includes a toolbar with "Add", "Update", and "Delete" buttons. The "AC Family" dropdown is set to "B747". The "MRB Code" field contains "9". The "MRB Code Description" field contains "HIDDEN, NON-SAFETY".

A blue box highlights the "MRB Category" tab in the main menu, and a blue arrow points from this tab to the "MRB Category Code Editor" section. A blue circle with the number "1" is positioned below the arrow, indicating the first step in the process.

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

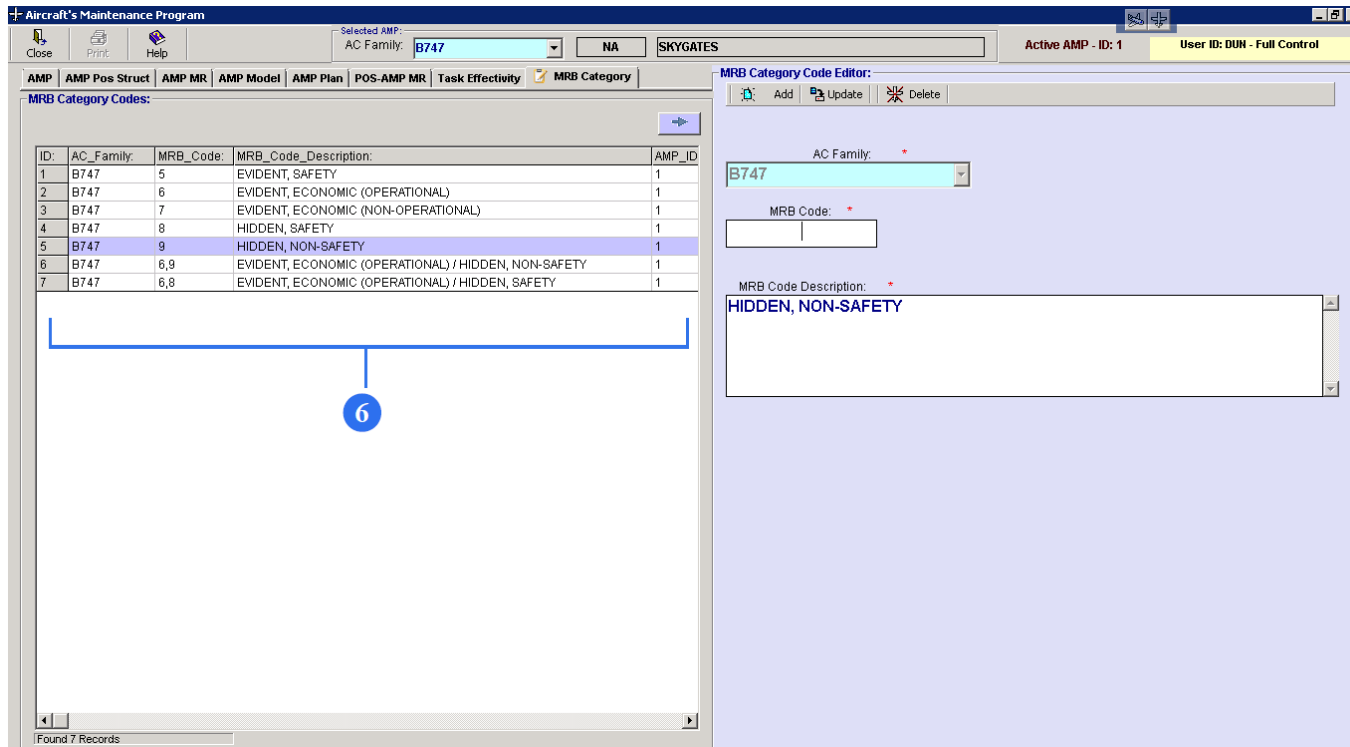


2. To register a new MRB Category Code, provide an appropriate Description and an MRB Code rate.

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.



ID	AC_Family	MRB_Code	MRB_Code_Description	AMP_ID
1	B747	5	EVIDENT, SAFETY	1
2	B747	6	EVIDENT, ECONOMIC (OPERATIONAL)	1
3	B747	7	EVIDENT, ECONOMIC (NON-OPERATIONAL)	1
4	B747	8	HIDDEN, SAFETY	1
5	B747	9	HIDDEN, NON-SAFETY	1
6	B747	6,9	EVIDENT, ECONOMIC (OPERATIONAL) / HIDDEN, NON-SAFETY	1
7	B747	6,8	EVIDENT, ECONOMIC (OPERATIONAL) / HIDDEN, SAFETY	1

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

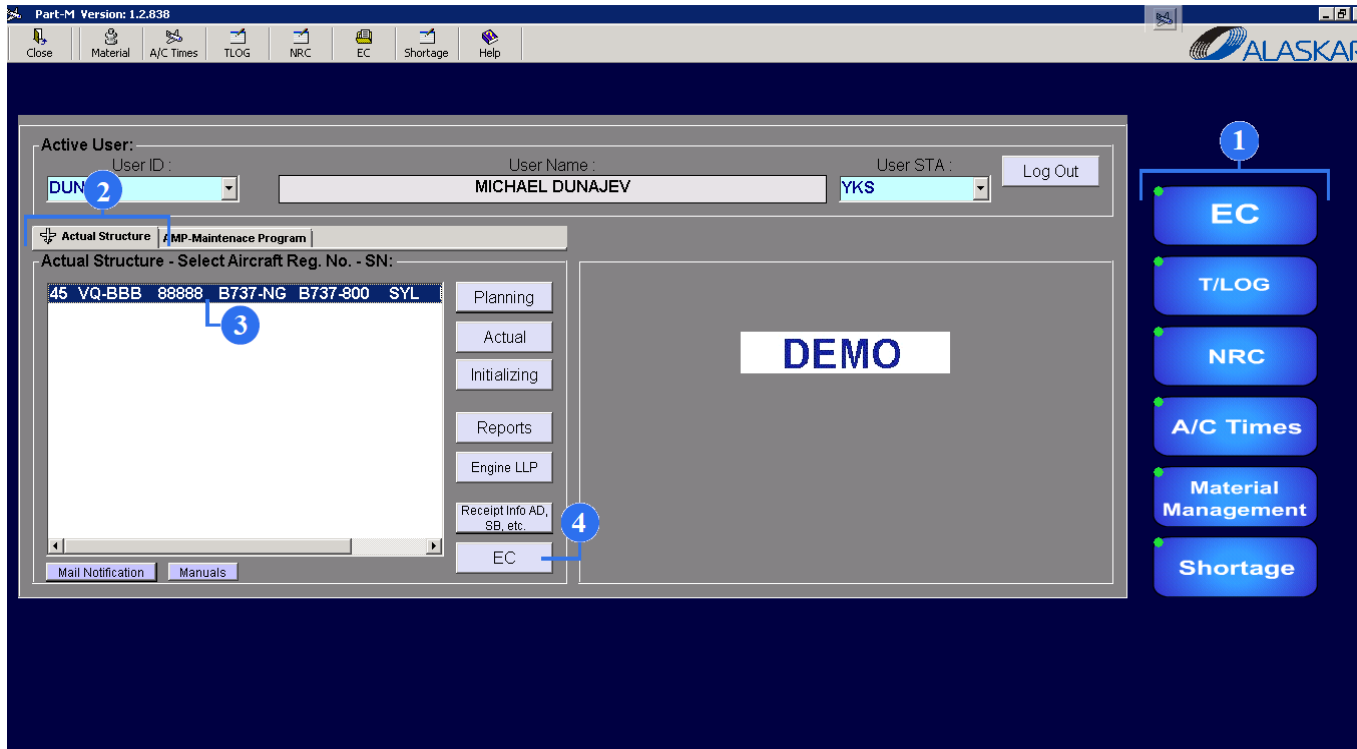
Engineering Controls

User guidance

Contents

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1. Receipt Engineering Info



1. To open EC submodule click on the blue EC button.
2. Also, you can select "Actual Structure" tab.
3. Select aircraft registration.
4. And push EC button.

Engineering Controls

Close Excel Print Help

5

EC - Engineering Controls Receipt Engineering Info

6

Receipt Engineering Info Editor

User ID: DUN - Full Control

Ref. Num.: * ATA: *

Issued By: * Issued To: * Type: * Airframe Component

Title: *

Description:

Rev. Num.: * Rev. Date: * Eff. Date: * MOD Number: * MNHR: *

0 0

Supersedes Superseded; Analyzing: Attach

:Filter Ref. Num. :Analyzed Y/N

Supersedes:

No Supersedes References are Selected

:NOT APPLICABLE :APPLICABLE

Applicability Note-Reference:

ID	Reference_Num.	Type	Revision	Revision_Date	Effective_Date	ATA	Iss
3895	AD1987-08-09	AD	00	6/1/1987	6/1/1987	32-40	FA#
4244	AD1987-26-03	AD	0	2/1/1987	2/1/1987	34	FA#
1432	AD1988-03-03	AD	0	1/11/1988	1/11/1988	53-00	FA#
4243	AD1988-07-04	AD	0	5/1/1988	5/1/1988	32	FA#
4242	AD1988-11-04	AD	0	6/13/1988	6/13/1988	57	FA#
4241	AD1988-11-12	AD	0	6/27/1988	6/27/1988	53	FA#
4240	AD1988-14-07	AD	0	8/11/1988	8/11/1988	25	FA#
4239	AD1988-19-04	AD	0	10/3/1988	10/3/1988	21	FA#
387	AD1988-22-09	AD	0	11/10/1988	11/10/1988	57-00	FA#
4238	AD1988-22-11	AD	1	1/31/1990	1/31/1990	53	FA#
4237	AD1988-25-01	AD	0	12/20/1988	12/20/1988	34	FA#
4236	AD1989-02-04	AD	0	2/8/1989	2/8/1989	53	FA#
4235	AD1989-04-03	AD	0	3/10/1989	3/10/1989	52	FA#
4234	AD1989-07-13	AD	0	4/28/1989	4/28/1989	24	FA#
4233	AD1989-09-03	AD	0	5/19/1989	5/19/1989	53	FA#
4232	AD1989-11-06	AD	1	2/21/1990	2/21/1990	53	FA#
4231	AD1989-12-02	AD	0	6/29/1989	6/29/1989	25	FA#
4230	AD1989-14-11	AD	0	8/7/1989	8/7/1989	25	FA#
4229	AD1989-15-08	AD	0	8/24/1989	8/24/1989	25	FA#
4228	AD1990-03-18	AD	0	3/7/1990	3/7/1990	31	FA#
4227	AD1990-06-02	AD	0	4/17/1990	4/17/1990	00	FA#
4226	AD1990-06-04	AD	0	3/19/1990	3/19/1990	26	FA#
4225	AD1990-09-08	AD	0	5/29/1990	5/29/1990	25	FA#
4224	AD1990-12-11	AD	1	7/31/1990	7/31/1990	25	FA#
4223	AD1990-15-17	AD	0	8/27/1990	8/27/1990	28	FA#

Found 1475 Records

Compliance Method: No Methods were Found!

5. A Receipt Engineering Info tab registers all incoming Airworthiness Directives, Service Bulletins, Service Letters and other documents issued by the aviation authorities and manufacturers. Click on the Receipt Engineering Info tab.

6. To view the whole list of filters, click on the button with right arrow.

7. To find a necessary document, use filters:

- Aircraft Family filter
- Aircraft Type filter
- Reference Number filter
- Type filter
- Issued To ... filter
- Issued By... filter
- Title filter

The screenshot shows the 'Engineering Controls' software interface. At the top, there are menu options: Close, Excel, Print, Help. The user ID is 'DUN - Full Control'. The main window is titled 'EC - Engineering Controls' and contains a 'Receipt Engineering Info' section. This section has several filter fields: 'Filter AC Family' (set to B737-NG), 'Filter AC Type', 'Filter Type', 'Filter Ref. Num.', 'Filter Issued To', 'Filter Issued By', and 'Filter Title'. There are also checkboxes for 'Analyzed', 'Airframe', 'Not Analyzed', and 'Component'. Below the filters is a table with columns: ID, Reference Num., Type, Revision, Revision Date, Effective Date, ATA, Issued By, Issued To, and Title. The table contains 25 rows of data. A legend at the bottom indicates record statuses: EC Exist (green), Analyzed (blue), Canceled (yellow), and New Rev - Check EC (orange). A 'Compliance Method' section at the bottom shows 'No Methods were Found!'.

8. Tick the H/Rev (High Revision Date Only) field to view only the latest updated documents; Tick APP(Applicable), NA (Not Applicable) fields to view applicable or not applicable documents to your aviation park. Also, tick the Analyzed/Not Analyzed/Airframe/Component.

9. To view a Receipt Engineering Info Editor again, click on the button with left arrow.

Receipt Engineering Info Editor:

Ref. Num.: * ATA: *

Issued By: * Issued To: * Type: *

Airframe
 Component

Title: *

Description:

Rev. Num.: * Rev. Date: * Eff. Date: MOD Number: MNHR:

:Filter Ref. Num. :Analyzed Y/N

Supersedes-Superseded; Analyzing:

Supersedes:

No Supersedes References are Selected

:NOT APPLICABLE :APPLICABLE

Applicability AC Family: Applicability AC Type:

B737-NG B737-600

Applicability Note-Reference:

10. Enter a Reference Number, an ATA chapter, who issued and to whom it was issued, a type of the document and check box Airframe or Component.

11. Write down a Title and a Description.

12. Type a Revision Number; select a Revision Date, an Effective Date, MOD Number and MNHR (man-hour).

13. If there is a newly issued document, concerning the same information as the already existing document, this document must be superseded by the new one. To register supersession, use a Supersedes-Superseded editor. In the Filter Reference Number field enter an existing document, and then select the document that supersedes the old document.

Receipt Engineering Info Editor:

Ref. Num.: * ATA: *

Issued By: * Issued To: * Type: * Airframe Component

Title: *

Description:

Rev. Num.: * Rev. Date: * Eff. Date: MOD Number: MNHR:

:Filter Ref. Num. :Analyzed Y/N

Supersedes:

No Supersedes References are Selected

:NOT APPLICABLE :APPLICABLE

Applicability AC Family: Applicability AC Type:

B737-NG B737-600

Applicability Note-Reference:

13. To attach any documents from your computer, click on the 'Attach' button. In the Attachment Editor write down the file Destination on your computer, select its type and click on Attach.

14. Tick an appropriate field: the NOT APPLICABLE field or the APPLICABLE field. If the document is applicable to your aviation park, select an Aircraft Family and Aircraft Type.

The screenshot displays the 'Engineering Controls' software interface. The main window is titled 'Receipt Engineering Info Editor' and shows a list of engineering controls on the left and a detailed editor on the right. The editor includes fields for Reference Number (AD1974-21-03), Issued By (FAA), Issued To (BOEING), Title, Description, and various dates. A 'Compliance Method Editor' is also visible, showing a list of compliance methods with columns for ID, Para, and Title. A table of compliance methods is shown at the bottom left of the editor.

ID	Para	Title
205	A	VISUALLY INSPECT ALL ELECTRICAL APPURTENANCES, INCLUDING WIRING, TERMINAL BOXES, SWITCH
206	C	MODIFICATION

15. To divide the compliance of the document into several steps, use a Compliance Method Editor. Click on the Edit button to add a step of compliance.

16. Fill out the Paragraph, Title, MNHR and Description fields

17. Click on Add button. Saved data can be removed and updated.

18. To save a new document, click on the save in the Receipt Engineering Info Editor.

19. All incoming documents are differently coloured:

- Green means that the document has issued Engineering Control (company's internal document);
- Orange means that there is a newly registered revision of the document (copy of the document), but it has no issued Engineering Control;
- White means that the document has no issued Engineering Control.

Highlight any document.

20. You can make a change and click on the Update.

21. To remove the document click on the Delete button.

The screenshot displays the 'Engineering Controls' software interface. On the left, a table lists document records with columns for ID, Reference Num., Type, Revision, Revision Date, Effective Date, ATA, and Iss. A blue vertical line highlights the 'Revision' column. A blue circle '19' is placed over the 'Revision' value '1' for the record with Reference Num. 'CFM56-7B S/B 72-0241'. On the right, a 'Copy Reference to New Revision Editor' dialog is open. It contains several checked options: ':Copy Supersession', ':Copy Applicability', ':Copy Compliance Method', ':ADD Current Revision as Sepersedes to NEW Rev.', and ':Copy Attachments'. A blue circle '22' is placed over the 'Description' field, which contains text about a service bulletin. Below the description are fields for 'Rev. Num.', 'Rev. Date', 'Eff. Date', 'MOD Number', and 'MNHHR'. At the bottom of the dialog, there are sections for 'Supersedes-Superseded; Analyzing' and 'Applicability AC Family' with a list of document numbers including 'B737-NG', 'B737-600', 'B737-700', 'B737-800', and 'B737-900'. Blue circles '20', '21', '22', '23', and '24' are overlaid on the software interface to indicate specific steps in a process.

22. Instead of new document registration, concerning quite the same information as already existing document, you may copy the information from the existing document to the new one by clicking Copy. Select necessary items. The copy will be orange in the list and can be easy updated.

23. Click on Refresh to reset all entered data.

24. To confirm cancellation of Selected Document Reference Number push Cancel button.

2. Engineering Controls

The screenshot displays the 'Engineering Controls' software interface. On the left, a table lists various ECs with columns: ID, EC Num, AC Family, IPC Pos, PN, and EC Num. The right pane is the 'Engineering Controls Editor' form, which includes fields for Fix, EC Num, Rev Num, Para, EC Type, and ATA. A blue circle '1' points to the 'Engineering Controls' tab in the top navigation bar. A blue circle '2' points to a right-pointing arrow button at the top of the EC list table.

1. An Engineering Controls tab registers internal documents of the company, according to documents, issued by the aviation authorities and manufacturers and registered in the Receipt Engineering Info tab.

2. To view the whole list of filters, click on the button with right arrow.

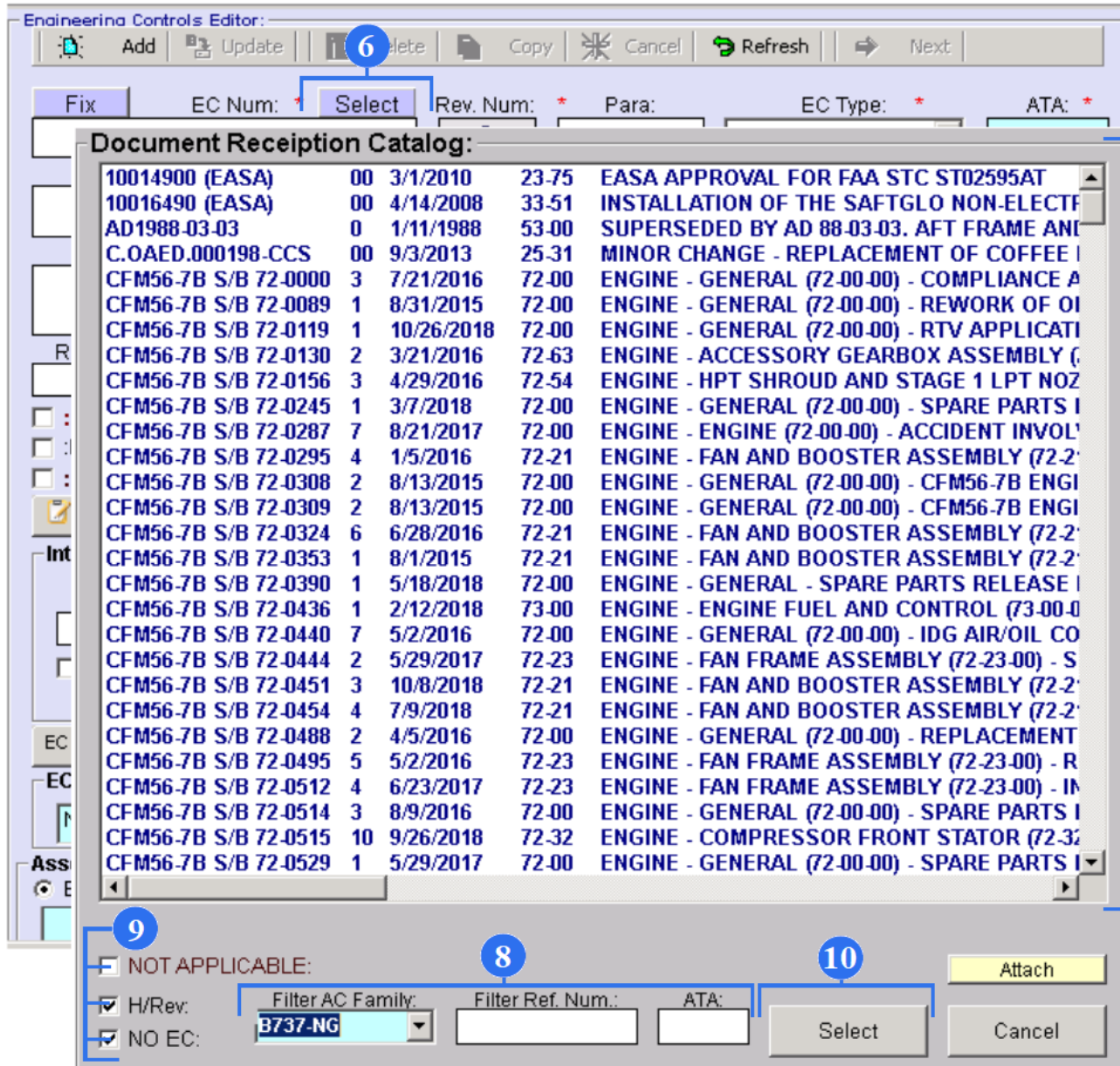
3. To find a Engineering Control, use filters:

- Criteria AC Family filter
- Criteria IPC position filter
- Criteria part number filter
- Filter EC number
- Reference number
- ATA filter
- MOD number filter
- EC type filter
- EC title filter

4. Check box MAND or CANC or ALL if you want to see only mandatory EC or cancelled EC or both mandatory and cancelled EC.

5. To view an Engineering Control Editor again, click on the button with left arrow.

The screenshot shows the 'Engineering Controls' application window. At the top, there's a menu bar with 'Close', 'Excel', 'Print', and 'Help'. Below it is a toolbar with 'EC - Engineering Controls' and 'Receipt Engineering Info'. The main interface has a filter panel with the following fields: 'Filter Criteria AC Family' (dropdown menu showing 'B737-NG'), 'Filter Criteria IPC Pos.', 'Filter Criteria PN.', 'Filter EC Num.', 'Filter Ref. Num.', 'Filter ATA', 'Filter MOD Number', 'Filter EC Type', and 'Filter EC Title'. There are also checkboxes for 'MAND', 'CANC', and 'All'. Below the filter panel is a table with columns: ID, EC Num., EC Type, EC Inspection, ATA, and Title. The table contains a list of engineering control records. At the bottom, there's a status bar that says 'Found 1162 Records' and provides instructions: 'EC Initialized' and 'Right Mouse to see Details'.



6. To create new Engineering Controls for registered Service Bulletins, Airworthiness Directives and other documents, click on the Select button.

7. Choose an Engineering Control Number from the Document Reception Catalog. If the 'NO EC' field is selected, the list of all registered receipts (in the Receipt Engineering Info tab) for which internal company's documents have not been added yet, will be displayed.

8. Use filters to find a document from the Document Reception Catalog:

- Aircraft Family filter
- Reference Number filter
- ATA

9. Tick the H/Rev (High Revision Date Only) or No EC (No Engineering Control) to view documents with High Revision Date or without Engineering Control relatively. Also, you can check box NOT APPLICABLE.

10. Push Select button.

Engineering Controls Editor:

Add Update Delete Copy Cancel Refresh Next

Fix EC Num: * Select Rev. Num: * Para: EC Type: * ATA: *

CFM56-7B S/B 72-0308 - 0 - COMPONENT 72-00

Title: *

ENGINE - GENERAL (72-00-00) - CFM56-7B ENGINE CONVERSION TO CFM56-7B22/B1.CATEGORY 7

Description: *

PROVIDE INSTRUCTIONS FOR CONVERSION OF ANY SINGLE ANNULAR COMBUSTOR (SAC) CFM56-7B ENGINE MODEL TO A CFM56-7B22/B1 ENGINE MODEL

Rev. Date: * 10-Apr-2020 Inspection Type: * MOD Number: JIC:

:SCHEDULED :SAFETY :MANDATORY :RELIABILITY :BASE MNHR: 0 NOTE: Attach

Interval Start Threshold Finish Threshold Criteria Instructions Termination Text

Interval: * FH: FC: DY: MO: YR: :Whichever Comes Last :Completed By Comp. Replm.

:APU Data DOC. Reference Data:

EC Reference Special Insp. Panels Materials Tools JIC Procedure

EC Reference: No EC Selection! Edit

Associated EC or Task: EC Task Filter: Add

Related EC or Task: EC Task Filter: Add

10. Select an Inspection Type from a combo box. To view the description of abbreviations, press the F1 button. Type date, a MOD (Modification) Number, a JIC (Job Instruction Card), MNHR (Man-hour), and make notes. Select Engineering Control traits (Scheduled/ Mandatory) and on what it effects (Aircraft Safety/ Reliability). If it is 'Scheduled', the document will be automatically added to the INITIALIZANG sub-module. If the Engineering Control should be a part of Base Maintenance, tick the BASE field.

11. Select Interval tab.

12. To set up a certain interval for repetitive Engineering Controls, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years). Tick the 'Whichever Comes Last' field, if there are several parameters and the Engineering Control should be repeated only when the last parameter is reached. Tick the 'Completed By Component Replm' field, if component replacements are required for the Engineering Control completion. Do not forget to make References.

The screenshot displays three sequential tabs in a software interface:

- Tab 13: Start Threshold** - Contains input fields for FH, FC, DY, MO, YR, Fix Due Date (with a calendar icon), and Reference Eff. Date. A note field is labeled "Interval Initializing NOTE or DOC. Reference Data:" and a checkbox is labeled ":Whichever Comes Last".
- Tab 15: Finish Threshold** - Contains input fields for FH, FC, DY, MO, YR, and a note field labeled "DOC. Reference Data:".
- Tab 17: Criteria** - Features a "Position Applicability:" label, a text area containing "No EC Selection!", and an "Add" button.

Callouts 14, 16, and 18 are also present, pointing to the "Reference Eff. Date" field, the "DOC. Reference Data:" field, and the "Add" button respectively.

13. Select Start Threshold tab.

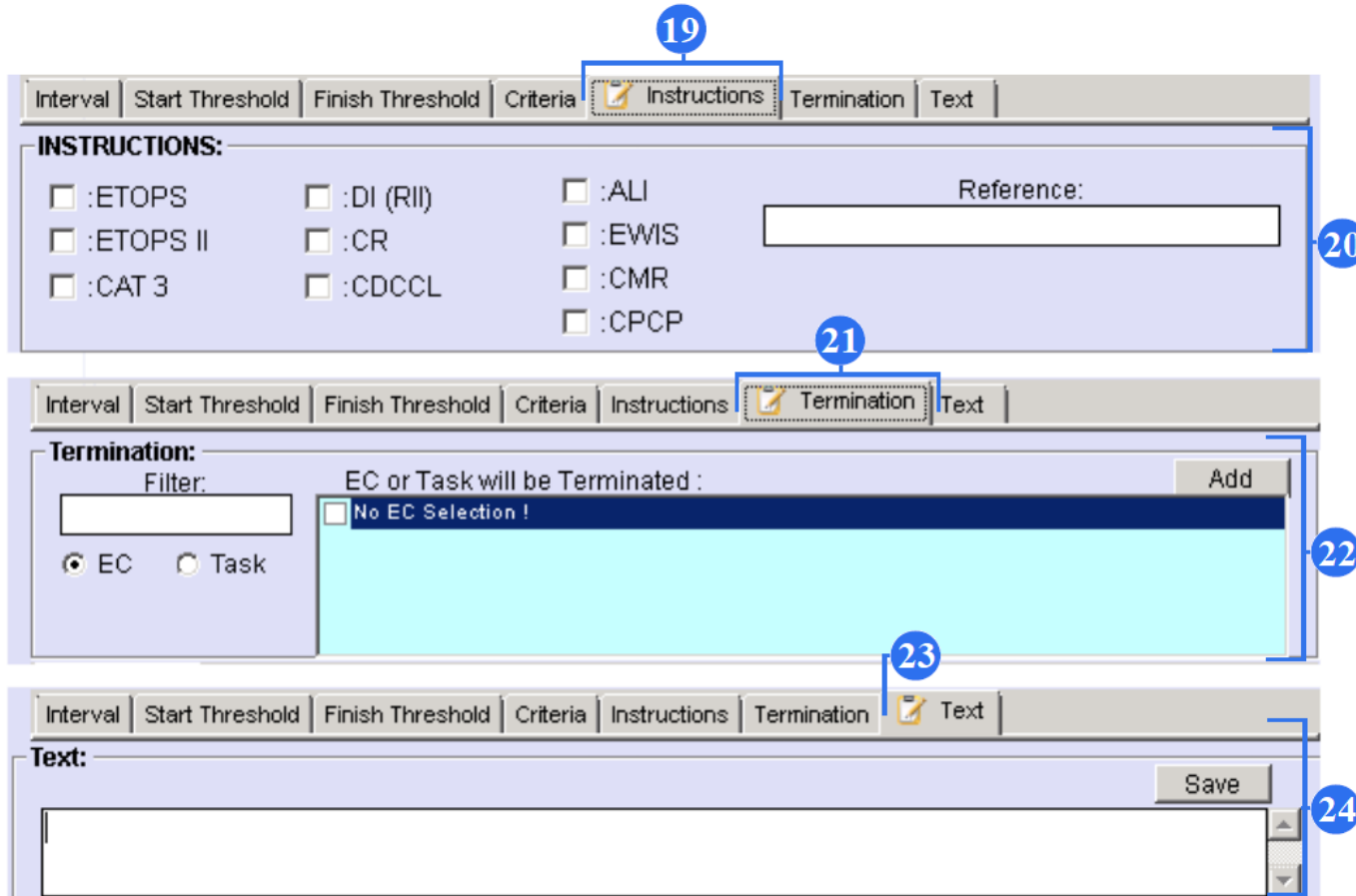
14. To set up a Start Threshold, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years). Choose due date and enter reference data. Only when the set parameters are reached, the Engineering Control starts to be carried out.

15. Select Finish Threshold tab.

16. 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 Engineering Control automatically is ceased.

17. Select Criteria tab.

18. Type Position Applicability and click on the Add.



The image displays three sequential screenshots of a software interface, each with a numbered callout (19-24) indicating a step in the process:

- 19:** Points to the 'Instructions' tab in the top navigation bar.
- 20:** Points to the 'INSTRUCTIONS:' section, which includes checkboxes for :ETOPS, :ETOPS II, :CAT 3, :DI (RII), :CR, :CDCCL, :ALI, :EWIS, :CMR, and :CPCP, along with a 'Reference:' text field.
- 21:** Points to the 'Termination' tab in the top navigation bar.
- 22:** Points to the 'Termination:' section, which includes a 'Filter:' text field, radio buttons for 'EC' and 'Task', and a list titled 'EC or Task will be Terminated :'. The list currently contains 'No EC Selection !' and an 'Add' button.
- 23:** Points to the 'Text' tab in the top navigation bar.
- 24:** Points to the 'Text:' section, which includes a large text input area and a 'Save' button.

19. Select Instructions tab.

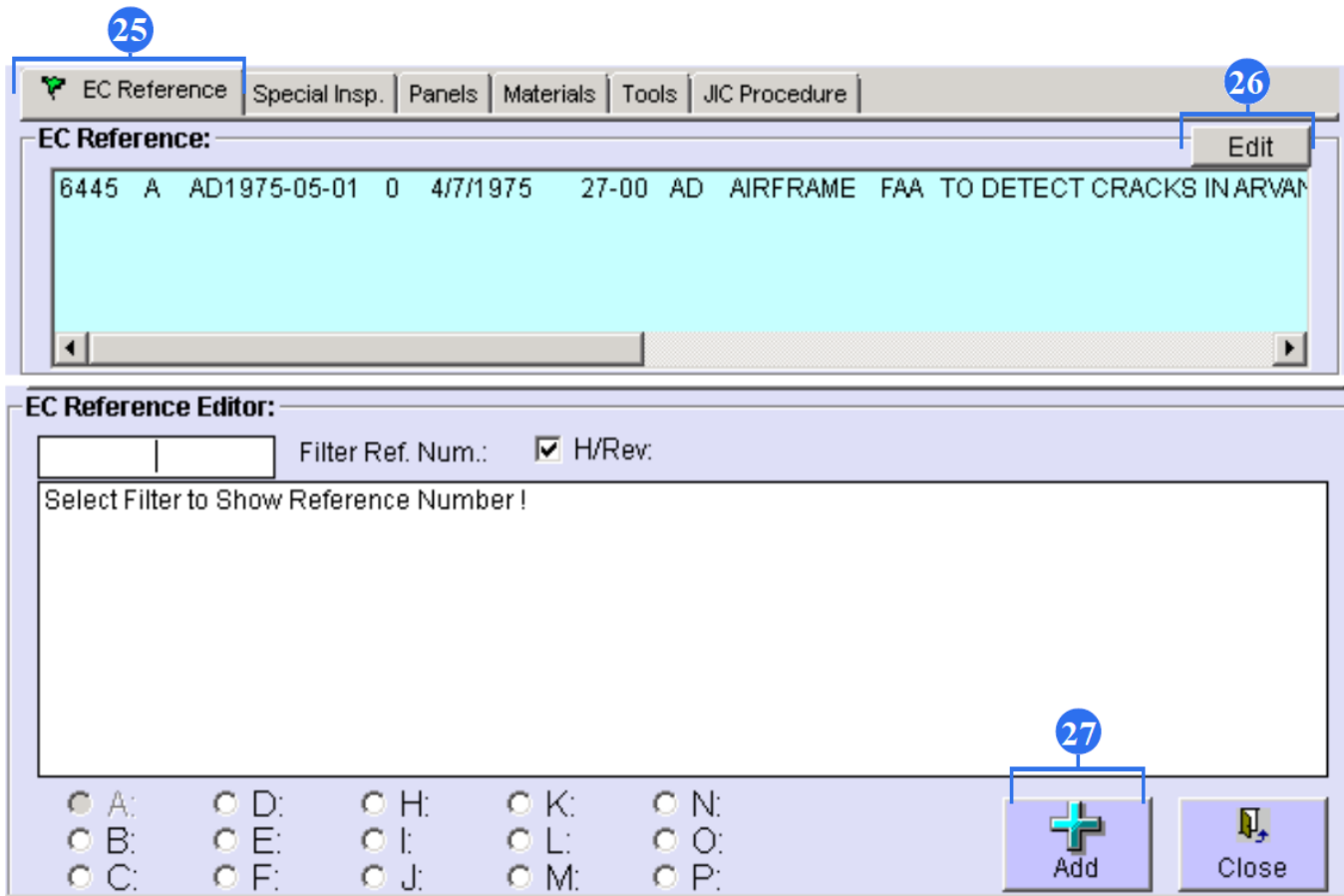
20. When the Engineering Control goes necessarily with instructions, you should mark the required instruction. Also, you can add references.

21. Select Termination tab.

22. Select EC or Tasks that must be terminated and click on the Add. Use filter for search.

23. Select Text tab.

24. Enter necessary text and click on the Save.



25

EC Reference Special Insp. Panels Materials Tools JIC Procedure

EC Reference:

6445 A AD1975-05-01 0 4/7/1975 27-00 AD AIRFRAME FAA TO DETECT CRACKS IN ARVAN

Edit

26

EC Reference Editor:

Filter Ref. Num.: H/Rev:

Select Filter to Show Reference Number !

27

A: D: H: K: N:
 B: E: I: L: O:
 C: F: J: M: P:

Add Close

25. Select EC Reference.

26. To add information, click on the Edit button.

27. In the Document Reference Editor enter a reference with the next available letter of the alphabet (on the screenshot - 'B'), and then click on to save the reference. After saving, the reference will be added to the list of EC References.

28

EC Reference Special Insp. Panels Materials Tools JIC Procedure

Special Inspection Editor:

Inspection Type: *

Inspection Details: *

29 Add Close

30

EC Reference Special Insp. Panels Materials Tools JIC Procedure

Access Panels Editor:

Panel Number: *

Panel Name: *

Access: * AC Family: *

31 New Close

Double-Click on Panel's List to Add Panel to EC

DYE PENETRANT	DYE PENETRANT FLAW DETECTION TECHNIQUE
EDDY CURRENT	EDDY CURRENT TECHNIQUE
ULTRASONIC	ULTRASONIC TECHNIQUE
ULTRASONIC	ULTRASONIC TECHNIQUE AS PER CFM50

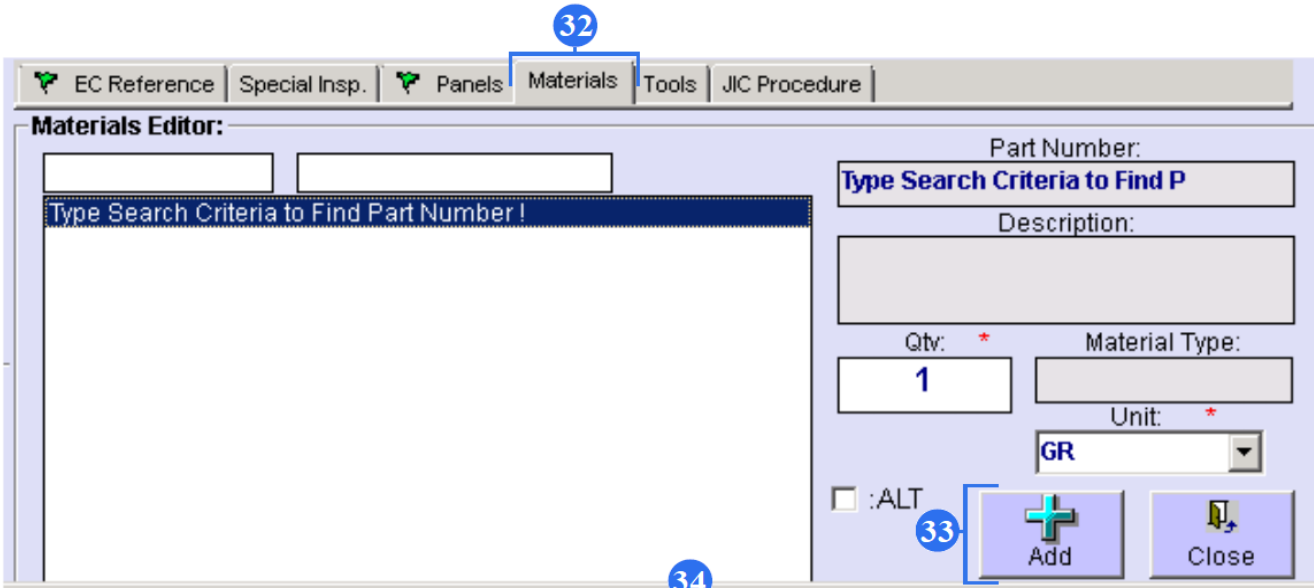
111	RADOME ACCESS DOOR
112A	FORWARD ACCESS DOOR
113AC	UPPER NOSE WHEEL WELL ACCESS PANEL
113AW	FORWARD NOSE WHEEL WELL ACCESS PANEL
113BW	AFT NOSE WHEEL WELL ACCESS PANEL
114AC	UPPER NOSE WHEEL WELL ACCESS PANEL
114AR	EXTERNAL POWER RECEPTACLE DOOR
114AW	FORWARD NOSE WHEEL WELL ACCESS PANEL
114BW	AFT NOSE WHEEL WELL ACCESS PANEL

28. Select Special Insp tab.

29. Enter Inspection Type and Inspection Details. Click Add button.

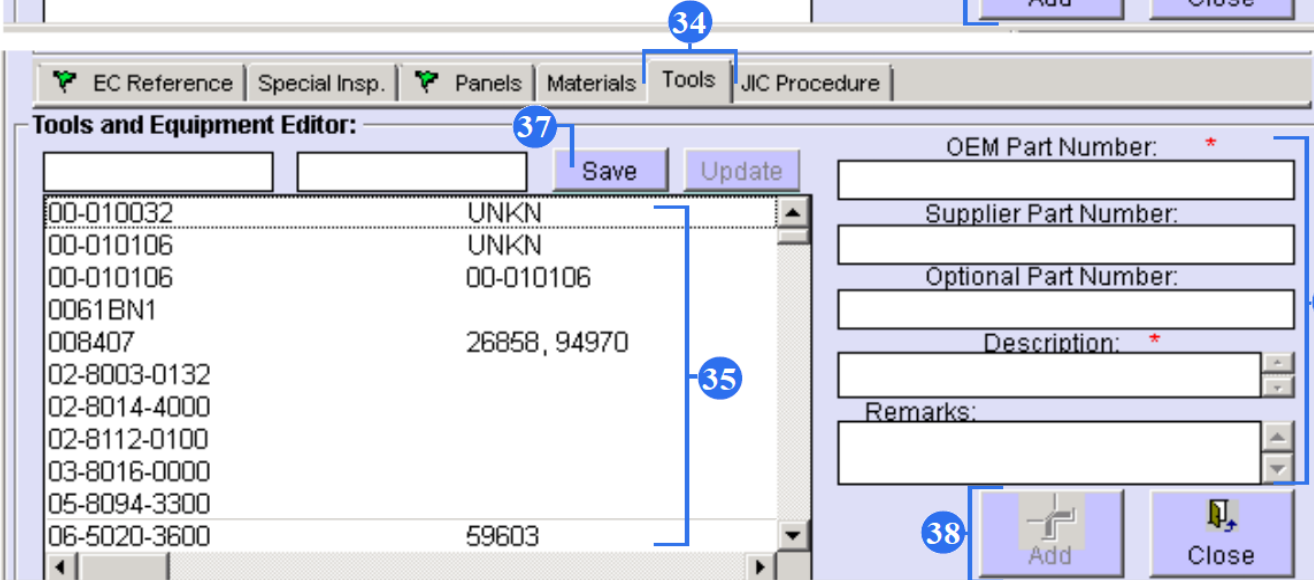
30. Select Panels tab.

31. Enter Panel Number, type Panel Name. Select Access and AC Family. Push on the New button.



32. Select Materials tab.

33. In the Materials Editor enter a Part Number and Description, Quantity/Unit and Material Type, and then click on the material. After saving, the material will be added to the list of Materials.



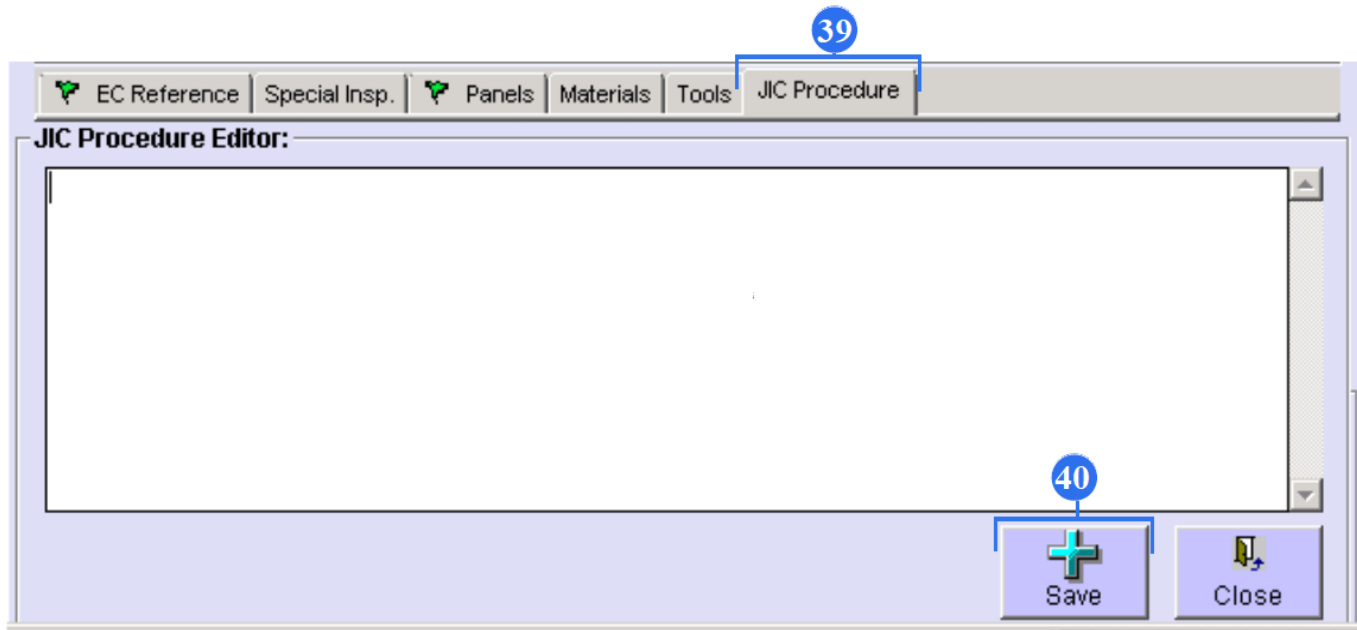
34. Select Tools tab.

35. From the whole list select associated tool.

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

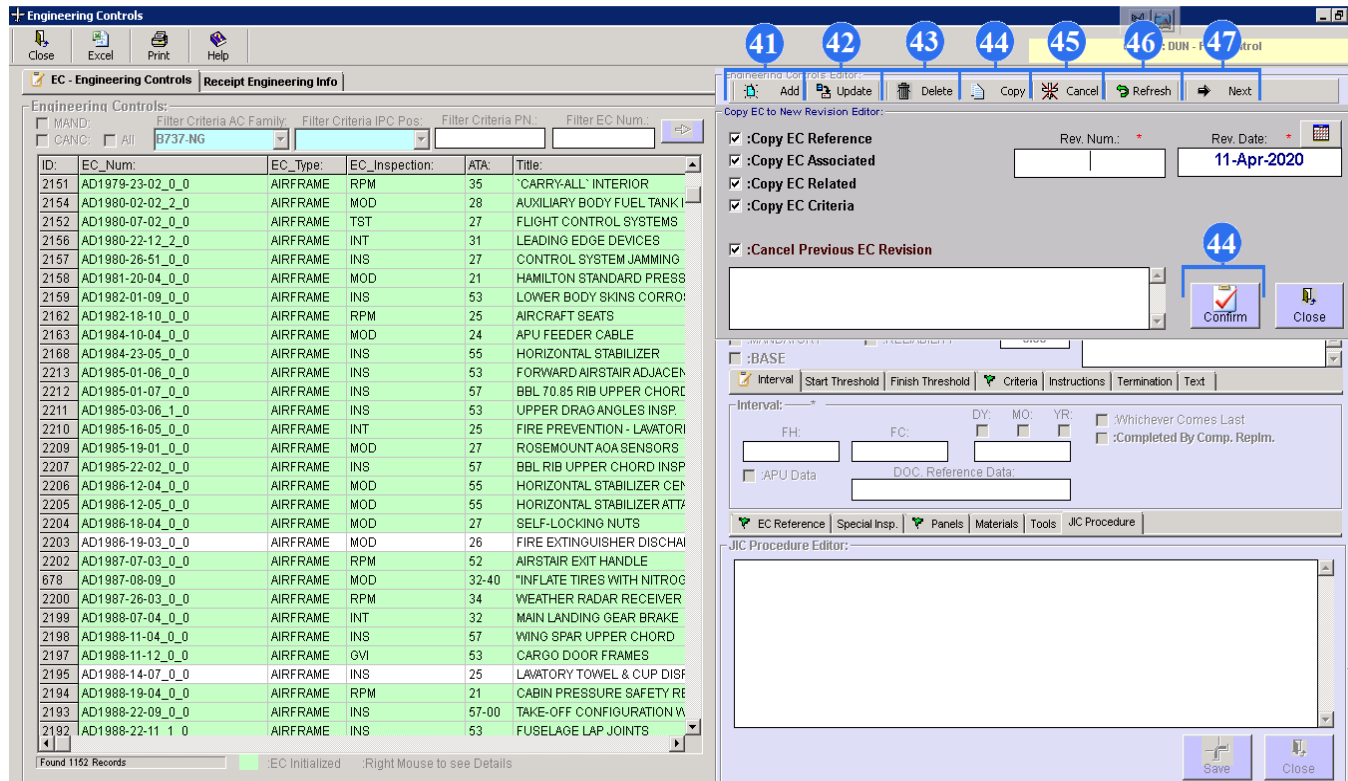
37. Push "Save" button to save new tool data.

38. Push "Add" button to save recommendation tool.



39. Select JIC Procedure tab.

40. Use the field to create job instruction and click on the Save.



41. To save EC click on the Add. Highlight the saved EC.

42. You can make a change and click on the Update.

43. To remove the EC click on the Delete button.

44. Instead of new EC registration, concerning quite the same information as already existing document, you may copy the information from the existing EC to the new one by clicking Copy. Select necessary items. The copy will be orange in the list and can be easy updated.

45. To confirm cancellation of Selected Document Reference Number push Cancel button.

46. Click on Refresh to reset all entered data.

47. To add EC extra information click on the Next.

The screenshot shows the 'Engineering Controls' software interface. On the left, a table lists 28 engineering control records. The right pane shows the details for EC Num: AD1980-22-12_2_0. The interface includes a menu bar (Close, Excel, Print, Help), a toolbar (Add, Update, Delete, Copy, Cancel, Refresh, Prev), and various input fields and checkboxes for data entry and management. A 'Print' button is located in the top left corner of the software window.

ID	EC_Num	EC_Type	EC_Inspection	ATA	Title
2151	AD1979-23-02_0_0	AIRFRAME	RPM	35	'CARRY-ALL' INTERIOR
2154	AD1980-02-02_2_0	AIRFRAME	MOD	28	AUXILIARY BODY FUEL TANK I
2152	AD1980-07-02_0_0	AIRFRAME	TST	27	FLIGHT CONTROL SYSTEMS
2156	AD1980-22-12_2_0	AIRFRAME	INT	31	LEADING EDGE DEVICES
2157	AD1980-26-51_0_0	AIRFRAME	INS	27	CONTROL SYSTEM JAMMING
2158	AD1981-20-04_0_0	AIRFRAME	MOD	21	HAMILTON STANDARD PRESS
2159	AD1982-01-09_0_0	AIRFRAME	INS	53	LOWER BODY SKINS CORRO:
2162	AD1982-18-10_0_0	AIRFRAME	RPM	25	AIRCRAFT SEATS
2163	AD1984-10-04_0_0	AIRFRAME	MOD	24	APU FEEDER CABLE
2168	AD1984-23-05_0_0	AIRFRAME	INS	55	HORIZONTAL STABILIZER
2213	AD1985-01-06_0_0	AIRFRAME	INS	53	FORWARD AIRSTAIR ADJACEN
2212	AD1985-01-07_0_0	AIRFRAME	INS	57	BBL 70.85 RIB UPPER CHORD
2211	AD1985-03-06_1_0	AIRFRAME	INS	53	UPPER DRAG ANGLES INSP
2210	AD1985-16-05_0_0	AIRFRAME	INT	25	FIRE PREVENTION - LAWI
2209	AD1985-19-01_0_0	AIRFRAME	MOD	27	ROSEMOUNT AOA SENSORS
2207	AD1985-22-02_0_0	AIRFRAME	INS	57	BBL RIB UPPER CHORD INSP
2206	AD1986-12-04_0_0	AIRFRAME	MOD	55	HORIZONTAL STABILIZER CEN
2205	AD1986-12-05_0_0	AIRFRAME	MOD	55	HORIZONTAL STABILIZER ATT
2204	AD1986-18-04_0_0	AIRFRAME	MOD	27	SELF-LOCKING NUTS
2203	AD1986-19-03_0_0	AIRFRAME	MOD	26	FIRE EXTINGUISHER DISCHAI
2202	AD1987-07-03_0_0	AIRFRAME	RPM	52	AIRSTAIR EXIT HANDLE
678	AD1987-08-09_0_0	AIRFRAME	MOD	32-40	*INFLATE TIRES WITH NITROG
2200	AD1987-26-03_0_0	AIRFRAME	RPM	34	WEATHER RADAR RECEIVER
2199	AD1988-07-04_0_0	AIRFRAME	INT	32	MAIN LANDING GEAR BRAKE
2198	AD1988-11-04_0_0	AIRFRAME	INS	57	WING SPAR UPPER CHORD
2197	AD1988-11-12_0_0	AIRFRAME	GVI	53	CARGO DOOR FRAMES
2195	AD1988-14-07_0_0	AIRFRAME	INS	25	LAWATORY TOWEL & CUP DISF
2194	AD1988-19-04_0_0	AIRFRAME	RPM	21	CABIN PRESSURE SAFETY RE
2193	AD1988-22-09_0_0	AIRFRAME	INS	57-00	TAKE-OFF CONFIGURATION V
2192	AD1988-22-11_1_0	AIRFRAME	INS	53	FUSELAGE LAP JOINTS

48. Type all necessary information in these fields.

49. Click on the Update.

50. Also you can print Engineering Order, or transfer data to excel.

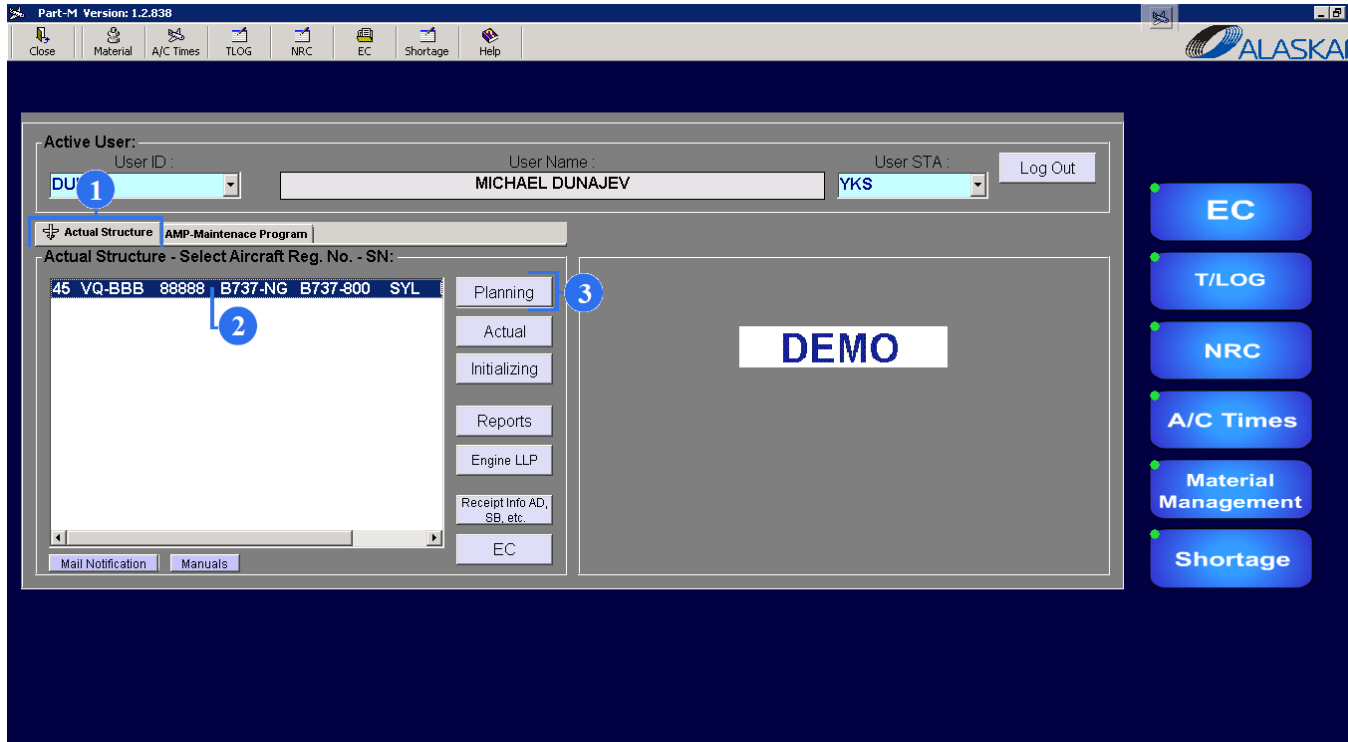
Planning

User guidance

Contents

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1. Planning Overview.



To open Planning sub-module in the initial screen of the PART M module do these steps:

1. Select "Actual Structure" tab.
2. Highlight necessary aircraft registration.
3. Push "Planning" button.

4 Selection window: AC Reg: VQ-BBB, AC Family: B737-HG, AC Type: B737-800, SN: 88888, AC MFR. Date: 11-May-2001, STA: VKO, Code ICAO: SYL, Operator Name: DEMO, AC Total Date: 19-Mar-2020, AC Total FH: 49202.55, AC Total FC: 22063. Average: Saved. FH: 12.50, APU FH: 6.00, FC: 3.00, APU FC: 4.00.

5 AC Schedules table:

ID	Overdue	Calc Due Date	+/- d	Remainings	Type	ID-Number	Base	FH_Compl	FH_Inteval	FH_Next_Due	FH_Start	FH_Finish	FC_Compl	FC_Inteval	FC_Next_Due
66683	N				Task	49-040-00-01	Y								
66695	N				Task	49-030-00-01	Y								
82215	N				Task	YA-31-00-02	N								
84570	N				Task	26-390-00-01	Y								
84919	N				Task	YA-31-00-03	N								
41659	Y	2019-09-07	-207	-10 DY,	Task	YA-05-251DY	N								
86739	N	2019-09-26	-188	9 DY,	Task	24-100-00-01	N	49071					22032		
86740	N	2019-09-26	-188	9 DY,	Task	YA-20-00-01	N	49071					22032		
86741	N	2019-09-26	-188	9 DY,	Task	YA-20-00-02	N	49071					22032		
87465	N	2019-09-27	-187	132.20 FH,	Task	73-020-01-01	N	49150.05	150	49300.05	150		22051		
87466	N	2019-09-27	-187	132.20 FH,	Task	73-020-02-01	N	49150.05	150	49300.05	150		22051		
85051	N	2019-09-28	-186	144.05 FH,	Task	YA-25-003A	N	48811.5	500	49311.5			21977		
84821	N	2019-09-30	-184	174.20 FH,	Task	72-320-01-01	N	48842.05	500	49342.05	500		21983		
84822	N	2019-09-30	-184	174.20 FH,	Task	72-320-02-01	N	48842.05	500	49342.05	500		21983		
84824	N	2019-09-30	-184	174.20 FH,	Task	26-310-00-01	N	48842.05	500	49342.05			21983		
58834	N	2019-10-03	-181	206.25 FH,	Task	78-120-01-01	N	45774.1	3600	49374.1	3600		21327		
58835	N	2019-10-03	-181	206.25 FH,	Task	78-120-02-01	N	45774.1	3600	49374.1	3600		21327		
58838	N	2019-10-03	-181	206.25 FH,	Task	26-050-00-01	N	45774.1	3600	49374.1	3600		21327		
58858	N	2019-10-03	-181	206.25 FH,	Task	24-050-01-01	N	45774.1	3600	49374.1	3600		21327		
58859	N	2019-10-03	-181	206.25 FH,	Task	24-050-02-01	N	45774.1	3600	49374.1	3600		21327		

6 Component Schedules table:

ID	Overdue	Calc Due Date	+/- d	Remainings	W/P	IPC_Pos	Position	PN	Serial Number	Description	Condition	MFR_Dat
2801	N	2020-09-18	170	9508 FC, 170 DY,		32-21-11-02-25		162A1120-2	1694	CYLINDER INNER NLG ASSY (LLP-NLG)	OH	2001-05-
11117	N	2035-06-30	5568	5568 DY,		35-12-52-01-50		801307-00	C11060306ST281431	CYLINDER - CREW OXYGEN 114 CUF	REP	2011-06-
11117	Y	2020-03-31	-1	-1 DY,		35-12-52-01-50		801307-00	C11060306ST281431	CYLINDER - CREW OXYGEN 114 CUF	REP	2011-06-
14207	N	2023-08-30	14846	63386 FC,		40-41-21-01		78846-0	114-170-096	GENERATOR - STARTER ADU	NRW	N/A

Planning screen is divided on three windows.

4. “Selection”.

5. AC Sched.

6. Component Schedules.

Turn to Selection window.

7. Use “Tasks” filter or “Components” filter to see AC Schedule window or Component Schedule window or both of them at once. Tick in the Task check box opens AC Sched window, tick in the Components check box opens Component Schedule window. And two ticks open AC Shed window and Components Schedule window.

8. You can change aircraft registration without leaving the Planning sub – module. Also, you can see necessary data for corresponding aircraft.

9. Average screen is necessary for Calculation of Average Aircraft Utilization Criteria and Task Editor. (see unit 3)

7 Selection window: AC Reg: VQ-BBB, AC Family: B737-HG, AC Type: B737-800, SN: 88888, AC MFR. Date: 11-May-2001, STA: VKO, Code ICAO: SYL, Operator Name: DEMO, AC Total Date: 19-Mar-2020, AC Total FH: 49202.55, AC Total FC: 22063. Average: Saved. FH: 12.50, APU FH: 6.00, FC: 3.00, APU FC: 4.00.

8 AC Reg: VQ-BBB

9 Average: Saved. FH: 12.50, APU FH: 6.00, FC: 3.00, APU FC: 4.00.

Planning

User ID: DUN - Full Control

Selection: AC Reg: VQ-BBB AC Family: B737-HG AC Type: B737-800 SIN: 88888 AC MFR. Date: 11-May-2001 STA: VKO Code ICAO: SYL Operator Name: DEMO AC Total Date: 19-Mar-2020 AC Total FH: 49202.55 AC Total FC: 22063

AC Sched: found 807

ID	Overdue	Calc Due Date	+/- dt	Remainings	Type	ID-Number	Base	FH_Compl	FH_Interval	FH_Next_Due	FH_Start	FH_Finish	FC_Compl	FC_Interval	FC_Ne
81188	N				EC	SB737-24A1148_1	N								
82215	N				Task	YA-31-002	N								
82482	N				EC	SB737-53A1253_1	N								
83510	N				EC	SB737-29-1123_0	Y								
84570	N				Task	26-390-00-01	Y								
84819	N				Task	YA-31-003	N								
87306	N				EC	SB737-56A1022_0	Y								
87499	N				NRC	2001001									
87500	N				MEL	2001002									
87501	N				NRC	2003001									
42762	Y	2019-07-27	-249	-156 FC,	NRC	1712248							1500		21899
84644	Y	2019-08-31	-214	-17 DY,	MEL	1906783		48178.5					21842		
87387	Y	2019-09-08	-206	-9 DY,	MEL	1908992		48948.45					22006		
88524	Y	2019-09-12	-202	-5 DY,	MEL	1908993		48986.5					22014		
87410	N	2019-09-25	-189	8 DY,	MEL	1909068									
81980	N	2019-09-26	-188	9 DY,	MEL	1904326		48127					21831		
86738	N	2019-09-26	-188	9 DY,	Check	2 WEEKS		49071					22032		
87464	N	2019-09-27	-187	132.20 FH,	Check	150 FH		49150.05	150	49300.05			22051		
88051	N	2019-09-28	-186	144.05 FH,	Task	YA-25-003A	N	48811.5	500	49311.5			21977		
80184	N	2019-09-30	-184	13 DY,	MEL	1905589		47886.4					21775		

Component Schedule: 416

ID	Overdue	Calc Due Date	+/- dt	Remainings	WP	IPC_Pos	Position	PN	Serial_Number	Description	Condition	MFR_Dat
11818	Y	2019-10-01	-183	-183 DY,	WP190307-BBB	26-20-00-08	01	473957-4	63380EL	FIREX - CARGO HALON	INS	2002-02-
1857	Y	2019-10-15	-169	-169 DY,	WP190298-BBB	25-66-00-52	RHAF	5A3307-7	BNG6013	SLIDE ASSY - ESCAPE	OH	2004-10-
10317	Y	2019-10-22	-162	-162 DY,	WP190307-BBB	25-64-00-68-220	02	S6-01-0005-312	029	FIRST AID KIT	REN	NA
10070	Y	2019-10-26	-158	-158 DY,	WP190298-BBB	25-66-00-52	LHAF	5A3307-7	BNG9036	SLIDE ASSY - ESCAPE	OH	2006-12-
10068	Y	2019-11-07	-146	-146 DY,	WP190307-BBB	25-66-00-52	RHFVW	5A3307-7	BNG19698	SLIDE ASSY - ESCAPE	OH	2013-09-

Turn to “AC Sched” window.

After data initializing and transmission to production, this data will be displayed in the Planning sub-module.

10. All items (checks/ NRC/ Tasks/ ECs) are differently coloured:

- red items are overdue;
- yellow items will become overdue soon (less than 21 days); should be performed in the nearest time;
- green items are normal; should not be performed in the nearest time (more than 21 days);

11. It is possible to view an amount of days until the next item (check/ NRC/ Task/ EC) completion in the ‘Calculated Due Date’/ ‘+days’ columns.

Planning

Close Forecast ForecastComp ForecastSpare Data Validation Forecast Plan Help

Selection:

AC Req.: VQ-BBB AC Family: B737-NG AC Type: B737-800 S/N: 88888 AC MFR. Date: 11-May-2001 STA: VKO Code ICAO: SYL Operator Name: DEMO AC To: 19-M

AC Sched: found 1356

MAND-LIM: MAJOR: :FLS-56 :FLS-75 Columns Report

Filter Check: Filter ID-Number: Filter W/P/W/O: WP

All: Over: Sch: Fin: NA: OOP: ALL: Tasks: Checks: EC: NRC:

ID:	Overdue:	Due Date:	+/- d:	Remainings:	Task	Base:	FH_Compl:	FH_Interval:
68683	N							
68695	N							
82215	N							
84570	N							
84919	N							
41659	Y	2019-09-07	-207	-10 DY,	Task	YA-31-003	N	
86739	N	2019-09-26	-188	9 DY,	Task	24-100-00-01	N	49071
86740	N	2019-09-26	-188	9 DY,	Task	YA-20-001	N	49071
86741	N	2019-09-26	-188	9 DY,	Task	YA-20-002	N	49071
87465	N	2019-09-27	-187	132.20 FH,	Task	73-020-01-01	N	49150.05 150
87466	N	2019-09-27	-187	132.20 FH,	Task	73-020-02-01	N	49150.05 150
85051	N	2019-09-28	-186	144.05 FH,	Task	YA-25-003A	N	48811.5 500
84821	N	2019-09-30	-184	174.20 FH,	Task	72-320-01-01	N	48842.05 500
84822	N	2019-09-30	-184	174.20 FH,	Task	72-320-02-01	N	48842.05 500
84824	N	2019-09-30	-184	174.20 FH,	Task	26-310-00-01	N	48842.05 500
58834	N	2019-10-03	-181	206.25 FH,	Task	78-120-01-01	N	45774.1 3600
58835	N	2019-10-03	-181	206.25 FH,	Task	78-120-02-01	N	45774.1 3600
58838	N	2019-10-03	-181	206.25 FH,	Task	26-050-00-01	N	45774.1 3600
58858	N	2019-10-03	-181	206.25 FH,	Task	24-050-01-01	N	45774.1 3600
58859	N	2019-10-03	-181	206.25 FH,	Task	24-050-02-01	N	45774.1 3600

12. All items can be separated into appropriate groups by using filters:

“OOP”- Shows Out of Phase (check, tasks, EC, NRC);

‘All’–checks/ NRC/ out of check tasks/ ECs are displayed;

‘Detail’–checks/ NRC/ all tasks/ ECs are displayed;

‘Tasks’ –only tasks are displayed;

‘Checks’ –only checks are displayed;

‘EC’ –only engineering controls are displayed;

‘NRC’ –deferred NRC items are displayed.

13. Use filters to view the necessary group of items:

- Overdue items filter;
- Scheduled items filter;
- Finished items filter;

You may use several filters at once (for example, checks + overdue = all overdue checks will be displayed).

Planning

Close Forecast ForecastComp ForecastSpare Data Validation Forecast Plan Help

Selection:

AC Reg.: **VQ-BBB** AC Family: **B737-NG** AC Type: **B737-90** S/N: **88888** AC MFR. Date: **11-May-2001** STA: **VKO** Code ICAO: **SYL** Operator Name: **DEMO** AC To: **19-M**

Components: MAND-LIM: MAJOR: :FLS-56 :FLS-75 **Columns** **Reset**

AC Sched: found 1356

All: Over: Sch: Fin: NA: OOP: ALL: Tasks: Checks: EC: NRC:

Filter Check: **Filter ID-Number: Filter WP/WO:** **WP**

ID:	Overdue:	Calc Due Date:	+/- d:	Remainings:	Task	Base:	FH_Compl:	FH_Interval:
68683	N							
68695	N							
82215	N							
84570	N							
84919	N				Task	YA-31-003	N	
41659	Y	2019-09-07	-207	-10 DY;	Task	YA-05-251DY	N	
86739	N	2019-09-26	-188	9 DY;	Task	24-100-00-01	N	49071
86740	N	2019-09-26	-188	9 DY;	Task	YA-20-001	N	49071
86741	N	2019-09-26	-188	9 DY;	Task	YA-20-002	N	49071
87465	N	2019-09-27	-187	132.20 FH;	Task	73-020-01-01	N	49150.05 150
87466	N	2019-09-27	-187	132.20 FH;	Task	73-020-02-01	N	49150.05 150
85051	N	2019-09-28	-186	144.05 FH;	Task	YA-25-003A	N	48811.5 500
84821	N	2019-09-30	-184	174.20 FH;	Task	72-320-01-01	N	48842.05 500
84822	N	2019-09-30	-184	174.20 FH;	Task	72-320-02-01	N	48842.05 500
84824	N	2019-09-30	-184	174.20 FH;	Task	26-310-00-01	N	48842.05 500
58834	N	2019-10-03	-181	206.25 FH;	Task	78-120-01-01	N	45774.1 3600
58835	N	2019-10-03	-181	206.25 FH;	Task	78-120-02-01	N	45774.1 3600
58838	N	2019-10-03	-181	206.25 FH;	Task	26-050-00-01	N	45774.1 3600
58858	N	2019-10-03	-181	206.25 FH;	Task	24-050-01-01	N	45774.1 3600
58859	N	2019-10-03	-181	206.25 FH;	Task	24-050-02-01	N	45774.1 3600

14. Use filters to view the necessary group of items:

- “MAND-LIM” – filter Instruction – Mandatory (AD; ALI; CMR),
- “MAJOR” – filter Major Checks Only,
- “FLS – 56” – filter TC – Flight Length Sensitive – 56000 FC Maximum,
- “FLS – 75” – filter TC – Flight Length Sensitive – 75000FC.

15. Use filters such as “Filter Check”, “Filter ID – Number” and “Filter WP/WO” to find any item quickly.

16. To create a new work package select WP button. (see unit 2)

Component Schedule: 416 Reset

Filter IPC Pos.: PN: SN: TRT: Show All:

All: Overdue: Scheduled:

ID:	Overdu	17	Calc Due Date:	+/- d:	Remainings:	vWP:	18	IPC_Pos:	Position:	PN:	Serial_Number:
2801	N	<input type="checkbox"/>	2020-09-18	170	9508 FC; 170 DY;			32-21-11-02-25		162A1120-2	1694
11117	N	<input type="checkbox"/>	2035-06-30	5568	5568 DY;			35-12-52-01-50		801307-00	C11060306/ST281431
11117	Y	<input type="checkbox"/>	2020-03-31	-1	-1 DY;			35-12-52-01-50		801307-00	C11060306/ST281431
11907	N	<input type="checkbox"/>	2063-08-20	15846	63386 FC;			49-41-21-01		28B545-9	111 170-996
2714	N	<input type="checkbox"/>	2023-03-12	1075	13449.06 FH;			27-41-81-03		251A4510-12	KE00568
10681	N	<input type="checkbox"/>	2024-02-28	1428	1428 DY;			23-24-00-01-24		452-0133	379697-032
3054	N	<input type="checkbox"/>	2024-07-08	1559	19497.05 FH;			28-25-51-04		106788A144	U34683
2799	N	<input type="checkbox"/>	2068-07-23	17645	52937 FC;			32-21-31-03-20		162A1310-1	CH1261
1861	N	<input type="checkbox"/>	2020-09-18	170	170 DY;			26-22-01-01-25		33700002	16440D1
9953	N	<input type="checkbox"/>	2024-09-30	1643	1643 DY;			31-31-11-05-15		DK120/90	AT70469
12591	N	<input type="checkbox"/>	2025-11-01	2040	2040 DY;			28-22-14-01-5		BFS24	1282
11911	N	<input type="checkbox"/>	2058-05-17	13925	55700 FC;			49-26-93-25		3822504-3	12P51133
2789	N	<input type="checkbox"/>	2068-07-23	17645	52937 FC;			32-51-61-01-95		162A1404-4	0970MAM
11913	N	<input type="checkbox"/>	2063-11-16	15934	63738 FC;			49-26-93-20		3840165-4	15-156101-10227
11912	N	<input type="checkbox"/>	2063-11-15	15933	63734 FC;			49-26-93-33		3840310-3	15-156101-09856
1861	N	<input type="checkbox"/>	2020-09-18	170	170 DY;			26-22-01-01-25		33700002	16440D1
2788	N	<input type="checkbox"/>	2068-07-23	17645	52937 FC;			32-21-00-01-1		162A1100-5	T11415Y0840
2793	N	<input type="checkbox"/>	2068-07-23	17645	52937 FC;			32-51-61-01-115		162A1405-6	NMC2007
2794	N	<input type="checkbox"/>	2068-07-23	17645	52937 FC;			32-51-61-01-65		162A1417-6	NMC2013
2722	N	<input type="checkbox"/>	2020-04-29	28	28 DY;			38-32-51-04		2651-278-21	1074
11909	N	<input type="checkbox"/>	2063-11-15	15933	63734 FC;			49-26-93-23		3822391-6	16-162053-18427
2814	N	<input type="checkbox"/>	2020-09-18	170	9508 FC; 170 DY;			32-21-21-02-25		162A2302-1	E1011
1805	N	<input type="checkbox"/>	2022-02-01	671	671 DY;			23-71-11-02		DK120/90	AT47188
2821	N	<input type="checkbox"/>	2020-09-18	170	9508 FC; 170 DY;			32-21-21-01-60		162A2118-1	K195
2800	N	<input type="checkbox"/>	2068-07-23	17645	52937 FC;			32-21-11-01-80		162A1110-2	ETM1811
1992	N	<input type="checkbox"/>	2023-03-12	1075	13449.06 FH;			29-11-61-05		2-7681-2	1546

17. Use filters to view the necessary group of items:

- Overdue items filter;
- Scheduled items filter;
- ALL.

18. The Component Schedule has several filters: IPC Position filter, Part Number filter, Serial Number filter and Treatment filter. Select 'Show All' check box and the system will display not hard-time also.

2. Work Package Creation.

The screenshot shows the 'Planning' application window with the following data:

Selection:
 Tasks: AC Req: VO-BBB AC Family: B737-NG AC Type: B737-800 SN: 88888 AC MFR Date: 11-May-2001 STA: VKO Code ICAO: SYL Operator Name: DEMO AC Total Date: 19-Mar-2020 AC Total FH: 49202.55 AC Total FC: 22063
 Components: APU Average: Saved Calc
 FH: 12.50 APU FH: 6.00
 FC: 3.00 APU FC: 4.00

AC Sched: found 1522
 Filter Check: Filter ID-Number: Filter W/PAWD: WP 2

ID	Overdue	Calc. Due Date	+/- d	Remainings	Type	ID-Number	Base	FH_Compl	FH_Interval	FH_Next_Due	FH_Start	FH_Finish	FC_Compl	FC_Interval	FC_Nk
58707	N				MEL	1811717									
62905	N				NRC	1812818									
68683	N				Task	49-040-00-01	Y								
68695	N				Task	49-030-00-01	Y								
79270	N				EC	AD2018-26-06_0J	N								
79307	N				EC	SB737-52-1170_1	N								
79475	N				EC	SB737-27-1289_0	N								
79872	N				EC	AD2016-18-15_0_G_3	N						2700		
79885	N				EC	SB737-53A1248_0	N								
79907	N				EC	SB737-53A1248_2	N								
80009	N				EC	SB737-55A1097_1	N								
80015	N				EC	SB737-55A1097_0	N								
80087	N				EC	SB737-53-1232_3	N								
80873	N				EC	SB737-27-1273_3	N								
81099	N				EC	SB737-27A1277_2	N								
81188	N				EC	SB737-24A1148_1	N								
82215	N				Task	YA-31-002	N								
82482	N				EC	SB737-53A1253_1	N								
83510	N				EC	SB737-29-1123_0	Y								
84570	N				Task	26-390-00-01	Y								

Component Schedule: 416
 Filter IPC Pos.: PN: SN: TRT: Show All

ID	Overdue	Calc. Due Date	+/- d	Remainings	W/P	IPC_Pos	Position	PN	Serial Number	Description	Condition	MFR Date
2801	N	2020-09-18	170	9508 FC, 170 DY,		32-21-11-02-25		162A1120-2	1694	CYLINDER INNER NLG ASSY (LLP-NLG)	OH	2001-05-
11117	N	2035-06-30	5568	5568 DY,		35-12-52-01-50		801307-00	C11060306/ST281431	CYLINDER - CREW OXYGEN 114 CLF	REP	2011-06-
11117	Y	2020-03-31	-1	-1 DY,		35-12-52-01-50		801307-00	C11060306/ST281431	CYLINDER - CREW OXYGEN 114 CLF	REP	2011-06-
11097	N	2023-08-20	14846	6386 FC,		40-41-21-01		788646-0	111-170-008	GENERATOR STARTER ADI	NBAW	N/A

Work Package (WP) consists of one or several Work Order(s) (WO), which is automatically assigned for each item (check/ NRC/ Task/ EC). After WP creation, it will be performed in the Actual sub-module gradually, item by item, and its active status will be displayed in the Work Package Editor also.

1. From the whole list tick items that will be added to a Work Package in a list of work orders.
2. Push WP button to open editor.

Work Package Editor:

New Created Planned Opened Execution Closed Canceled

Work Package Editor (New):

W/P Number: **WP200002-BBB** Reu.: **0** W/P Date: **02-Apr-2020** Issued By: **DUN** :BASE

Plan Date: **03-Apr-2020** Finish Date: **03-Apr-2020** MRO Code: **NA** STA:

W/P Description:

W/O DETAILS:

VQ-BBB

WP: WP200002-BBB

68695	49-030-00-01	DET - SIGMA SEAL
79872	AD2016-18-15_0_G_3	FUSELAGE - BODY STATI
79885	SB737-53A1248_0	FUSELAGE - BODY STATI
79907	SB737-53A1248_2	FUSELAGE - BODY STATI
80009	SB737-55A1097_1	STABILIZERS - HORIZON

3. All selected types of job are shown in WO DETAILS window.

4. WP Number and Date will be generated automatically in the WP Editor. Fill out required fields: Start/ Finish dates, MRO code, Station, WP description and ISSUED BY.

5. You may add a Supplementary Work Order. It is an additional task that is not registered in the system yet. To register it, click on the SUPP. WO button to open register.

Supplementary Work Order Editor:

ID:	SWO:	Description:	ATA:	Reference:	RII:	ARA:
1569	SW200002-BBB01	ADD JOB	49-15	ADD JOB		

Found 1 SUPPLEMENTARY WO's

Supplementary WO Number:
 ATA CH: * SC:
 RII: ARA: Zone:

Task - Title: *

Description: *

JIC Procedure:

P/N: S/N:

Est. MHR's: * Est. Down Hr's: *

Issued by: *

6. Supplementary WO number will be automatically generated. Enter ATA chapter. If it is necessary check box RII (Required Inspection Item) and ARA (Additional Repair Agreement).

7. Fill out Task – Title, Description, JIC Procedure. You can if necessary, enter part number and serial number. Fill out Estimated Man-Hours/ Estimated Down Hours.

8. Select who created the editor.

9. Click on the Add button to save.

10. In the upper side of Supplementary Work Order Editor the save will be appeared. Highlight the line.

11. Make a change if necessary, and click on the Update.

12. To remove created supplementary WO, click on the Delete.

13. To reset all data, click on the Refresh.

14. To attach any documents push yellow Attach button.

15. To close Editor, push Close button.

Deferral Editor

Number: 108 Task: []

Prolongation %: 10 FH: [] FC: [] DAYS: []

Current: Next Due Date: [] Next Due FH: [] Next Due FC: []

Prolongated: Next Due Date: [] Next Due FH: [] Next Due FC: []

Remarks: []

Buttons: Attach (22), History (20), Confirm (19)

Work Package Editor (New)

WP Number: WP200002-BBB Reu.: 0 WIP Date: 02-Apr-2020 Issued By: DUN

Plan Date: 03-Apr-2020 Flight Date: 03-Apr-2020 MRO Code: NA STA: []

Buttons: Defer (17), SUPP. WO

WP DETAILS:

- VQ-BBB
 - WP: WP200002-BBB
 - 68695 49-030-00-01 DET - SIGMA SEAL
 - 79872 AD2016-18-15_0_G_3 FUSELAGE - BODY STA
 - 79885 SB737-53A1248_0 FUSELAGE - BODY STA
 - 79907 SB737-53A1248_2 FUSELAGE - BODY STA
 - 80009 SB737-55A1097_1 STABILIZERS - HORIZ
 - 1569 SUPPLEMENTARY WO ADD JOB 49-15 SW20

Button: Found (16)

Prolongation - Variation Application History

ID	AC_Reg	Task	Prolongated_Number	Prolongated_Date	Prolongated_By	Prolongated_Percent	Prolongated_FH	Prolongated_FC	Prolongated_Days	PH_VARI_C
625	VQ-BBB	SB737-55A1248_2	108	4/2/2020	DUN	1				
624	VQ-BBB	SB737-55A1097_1	107	4/2/2020	DUN	15				
623	VQ-BBB	49-030-00-01	106	4/1/2020	DUN	100	15	5		
583	VQ-BBB	29-030-02-01	47	2/18/2019	MIR	10			46799.5	
562	VQ-BBB	29-090-00-01	46	2/18/2019	MIR	10			46799.5	
581	VQ-BBB	33-010-00-01	45	2/18/2019	MIR	10			46799.5	
580	VQ-BBB	29-030-01-01	44	2/18/2019	MIR	10			46799.5	
554	VQ-BBB	1C CHECK	38	11/29/2018	MIR	10			46175	
259	VQ-BBB	5A CHECK	20	8/1/2018	MIR	10			44665.5	
249	VQ-BBB	3A CHECK	10	6/21/2018	MIR	10			44014.45	
241	VQ-BBB	RAMP_CHECK	2	3/26/2018	MIR	10			43005	

Buttons: Print (21), Excel

16. After saving, the supplementary work order will be added to the list of work orders.

17. If there is need to put off any items of work package, highlight any line and click on the red Defer button to open Deferral Editor.

18. You can defer the task using Prolongation field or FH/FC/DAYS fields. Also, you can use Prolongated column.

19. Click Confirm button to save data. The corresponding task will turn red in the Planning screen.

20. If you want to see history of defer tasks, click on the History button and Prolongation – Variation Application History List will be opened.

21. Here you can change aircraft registration, select and highlight any items and print them or transfer to excel.

22. To attach any documents push yellow Attach button.

Work Package Editor:

New Created Planned Opened Execution Closed Canceled

Work Package Editor (New):

W/P Number: **WP200003-BBB** Reu.: **0** W/P Date: **02-Apr-2020** Issued By: **DUN** :BASE

Plan Date: **03-Apr-2020** Finish Date: **03-Apr-2020** MRO Code: **NA** STA:

W/P Description:

WO DETAILS: **Defer** **SUPP. WO**

VQ-BBB
WP: WP200003-BBB

23. To save a newly created Work Package, click on, and the WP will be transferred to a list in a 'Created' tab.

The screenshot shows the 'Planning' software interface. At the top, there are navigation buttons like 'Close', 'Forecast', and 'ForecastComp'. Below that, a 'Selection' section contains various filters and search criteria. A large table displays a list of tasks with columns for ID, Overdue, Calc Due Date, +/- d, Remains, Type, ID-Number, Base, FH_Compl, and FH_Intel. A 'Component Schedule: 416' section is visible at the bottom left. On the right side, a 'Work Package Editor' window is open, showing details for a specific work package (WP200002-BBB) with fields for description, dates, and status. A 'Found 9 WVP' section lists several work packages. At the bottom right, a 'WVP DETAILS' section shows a list of tasks associated with the selected work package. Blue callout numbers 24 through 31 are placed over various UI elements: 24 points to the 'Created' tab, 25 to a list item, 26 to a table row, 27 to the 'Save' button, 28 to the 'ADD >' button, 29 to the 'ADD >' button, 30 to a task row, and 31 to the 'Planned' button.

24. Click on the Created tab.

25. From the whole list find corresponding work package. Highlight it.

26. Make a change if necessary, in Work Package Editor New.

27. Click on the Save.

28. It is possible to add new items in the already created work package. Tick items that will be added to the created Work Package in a list of work orders.

29. Push ADD button.

30. If there is need to put off any items of created work package, highlight corresponding line and click on the red Defer button to open Deferral Editor. Also, you may add a Supplementary Work Order

31. To transfer the WP to a 'Planned' tab, click on the Planned button.

The screenshot displays the 'Planning' application interface. At the top, there are navigation buttons like 'Close', 'Forecast', and 'ForecastComp'. Below that, a 'Selection' panel includes fields for 'AC Req.' (VQ-BBB), 'AC Family' (B737-NG), 'AC Type' (B737-800), 'SN' (88888), 'AC MFR. Date' (11-May-2001), 'STA' (VKO), 'Code ICAO' (SVL), and 'Operator Name' (DEMO). A summary bar shows 'AC Total Date: 19-Mar-2020', 'AC Total FH: 49202.55', and 'AC Total FC: 32'. Below this is a table with columns for ID, Overdue, Calc Due Date, +/- d, Remains, Type, ID-Number, Base, FH_Compl, and FH_Inte. A 'Component Schedule: 416' section is also visible. On the right, the 'Work Package Editor' is open, showing a table with columns for ID, W/P, W/P Description, Rev_Num, W/P Date, and W/P. A row with ID 8515 is highlighted. Below the table are fields for 'W/P Number' (WP200002-BBB), 'Rev.' (1), 'W/P Date' (02-Apr-2020), 'Res By' (DUN), 'Pln Date' (03-Apr-2020), 'Flt Date' (03-Apr-2020), 'MRO Code' (NA), and 'STA' (dme). At the bottom of the editor, there are buttons for 'Print', 'UnLock', 'ADD >', 'Defer', and 'SUPP. WO'. A tree view shows a hierarchy of work packages under 'VQ-BBB'.

32. Click on the Planned tab.

33. From the whole list find corresponding work package. Highlight it.

34. Push Unlock button to make upper fields white. You can make a change and push on the Revise button.

35. To transfer the WP to an 'Opened' tab, click on Opened button.

The screenshot displays the 'Planning' application interface. At the top, there are navigation buttons like 'Close', 'Forecast', and 'ForecastComp'. Below that, a 'Selection' section contains various filters and a 'Tasks' table. The 'Tasks' table lists various work items with columns for ID, Overdue, Calc Due Date, +/- d, Remainings, Type, ID-Number, Base, FH, Compl, and FH_Intei. A 'Component Schedule: 416' table is also visible at the bottom left. On the right side, the 'Work Package Editor' window is open, showing a list of work packages. A blue circle 36 highlights the 'Opened' tab. A blue circle 37 highlights a row in the list. A blue circle 38 highlights the 'Executed' button. A blue circle 39 highlights the 'ADD' button in the 'Work Package Editor' details section.

36. Click on the Opened tab.

37. From the whole list find corresponding work package. Highlight it.

38. In the Opened tab there is possible to make changes/ to add new items/ and etc in already registered Work Packages.

39. To transfer the WP to an 'Execution' tab, click on Executed button.

The screenshot displays the Alaskar software interface, divided into two main sections. The top section is the 'Planning' module, and the bottom section is the 'Work Package Editor'.

Planning Module:

- Selection:** Tasks: VQ-BBB, Components: B737-NG, AC Type: B737-800, SN: 88888, AC MFR. Date: 11-May-2001, STA: VKO, Code ICAO: SYL, Operator Name: DEMO, AC Total Date: 19-Mar-2020, AC Total FH: 49202.55, AC Total FC: 22063.
- AC Sched: found 807** - A table listing aircraft components with columns for ID, Overdue, Calc Due Date, +/- d, Remains, Type, ID-Number, Base, FH_Cmpl, and FH_Intel.
- Work Package Editor:** Shows details for WP200002-BBB, including Plan Date (03-Apr-2020), File Date (03-Apr-2020), MRO Code (NA), STA (dme), and WP Description (IMPORTANT).

Work Package Editor - Execution Tab:

- Shows a list of work package items with columns for ID, Description, and Status.
- Item 42: 79872 AD2016-18... FUSELAGE - BODY STA.
- Item 43: 80009 SB737-53A1097_1 STABILIZERS - HORIZ.

Actual Structure - Select Aircraft Reg. No. - SN:

- 45 VQ-BBB 88888 B737-NG B737-800 SYL
- Buttons: Planning, Actual, Go to Aircraft Actual Screen, Reports, Engine LLP, Receipt Info AD, SB, etc., EC.
- Callout 40.1 points to the 'Actual' button.

Right Panel:

- Buttons: EC, T/LOG, NRC, A/C Times, Material Management, Shortage.

40. When you submit the Work Package to execution by clicking on Executed, it will be transferred to the Actual sub-module (view 40.1).

41. From the whole list find corresponding work package. Highlight it.

42. In the Execution tab there is possible to make changes/ to add new items/ and etc in already registered Work Packages.

43. You can back WP to Opened tab if you push Back Open button.

44

44

45

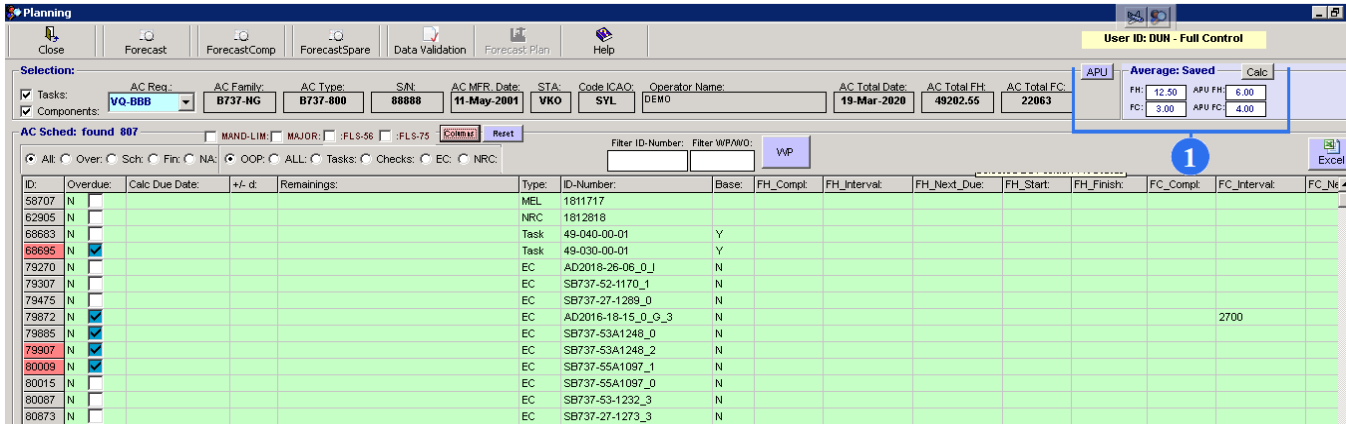
ID	Overdue	Calc Due Date	+/- d	Remainings	Type	ID-Number	Base	FH_Compl	FH_Intel
87499	N				NRC	2001001			
87500	N				MEL	2001002			
87501	N				NRC	2003001			
42762	Y	2019-07-27	-250	-156 FC;	NRC	1712248			
84644	Y	08-31	-215	-17 DY;	MEL	1906783		48178.5	
87387	Y	09-08	-207	-9 DY;	MEL	1908992		48948.45	
86524	Y	2019-09-12	-203	-5 DY;	MEL	1908993		48986.5	
87410	N	2019-09-25	-190	8 DY;	MEL	1909069			
81980	N	2019-09-26	-189	9 DY;	MEL	1904326		48127	
86738	N	2019-09-26	-189	9 DY;	Check	2 WEEKS		49071	
87464	N	2019-09-27	-188	132.20 FH;	Check	150 FH		49150.05	150

44. After working with the WP in the Actual sub-module, status of work package can be supervised in the Closed/ Cancelled tabs. All these Work Packages can be only printed by clicking on Print.

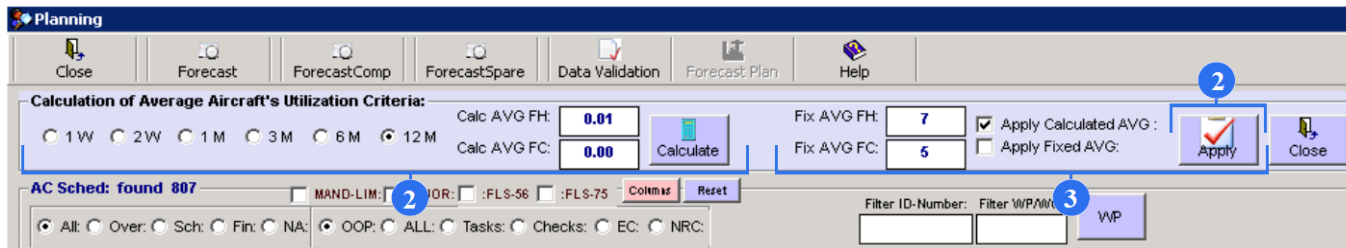
45. All items, submitted to the Actual sub-module, will be market with tick in the list of items.

3. Calculation of Average Aircraft Utilization Criteria and Task Editor.

1. All dates of tasks completion are calculated in accordance with Average Aircraft Utilization Criteria, except APU tasks. Data is taken from the Aircraft Times sub-module by default. To view Installed APU Data, click on APU button. To open an 'Average Aircraft Utilization Criteria' Editor, click on CALC button.



2. If you need to view next due dates, taking into account the other average aircraft utilization criteria, complete the following steps:



- select an amount of months (1/ 2/ 3/ 6/ 9/ 12);
- click on, and the system calculated average flight hours and cycles;
- select the 'Apply Calculated AVG' check box, and then click on. All next due dates will be recalculated in accordance with the selected criteria.

Planning

Close Forecast ForecastComp ForecastSpare Data Validation Forecast Plan Help

Calculation of Average Aircraft's Utilization Criteria:

1W 2W 1M 3M 6M 12M
 Calc AVG FH: Fix AVG FH: Apply Calculated AVG :
 Calc AVG FC: Fix AVG FC: Apply Fixed AVG:

AC Sched: found 807 MAND-LIM: MAJOR: :FLS-56 :FLS-75

All Over: Sch: Fin: NA: OOP: ALL: Tasks: Checks: EC: NRC:

Filter ID-Number: Filter WPAW:

Planning User ID: DUN - Full Control

Close Forecast ForecastComp ForecastSpare Data Validation Forecast Plan Help

Calculation of Average Aircraft's Utilization Criteria:

1W 2W 1M 3M 6M 12M
 Calc AVG FH: Fix AVG FH: Apply Calculated AVG : Apply Fixed AVG:
 Calc AVG FC: Fix AVG FC:

Average: Saved
 FH: 12.50 APU FH: 6.00
 FC: 3.00 APU FC: 4.00

AC Sched: found 807 MAND-LIM: MAJOR: :FLS-56 :FLS-75

Filter ID-Number: Filter WPAW:

ID	Overdue	Calc Due Date	+/- d	Remainings	Type	ID-Number	Base	FH_Compl	FH_Interval	FH_Next_Due	FH_Start	FH_Finish	FC_Compl	FC_Interval	FC_Next_Due
58707	N				MEL	1811717									
62905	N				NRC	1812818									
68683	N				Task	49-040-00-01	Y								
68695	N				Task	49-030-00-01	Y								
79270	N				EC	AD2018-26-06_0_1	N								
79307	N				EC	SB737-52-1170_1	N								
79475	N				EC	SB737-27-1289_0	N								
79672	N				EC	AD2016-18-15_0_9_3	N							2700	
79885	N				EC	SB737-53A1248_0	N								
79907	N				EC	SB737-53A1248_2	N								
80009	N				EC	SB737-55A1097_1	N								
80015	N				EC	SB737-55A1097_0	N								
80087	N				EC	SB737-53-1232_3	N								
80873	N				EC	SB737-27-1273_3	N								
81099	N				EC	SB737-27A1277_2	N								
81188	N				EC	SB737-24A1148_1	N								
82215	N				Task	YA-31-002									
82482	N				EC	SB737-53A1253_1	N								
83510	N				EC	SB737-29-1123_0	Y								
84570	N				Task	26-390-00-01	Y								

Component Schedule: 416 Filter IPC Pos.: PN: SN: TRT: Show All:

ID	Overdue	Calc Due Date	+/- d	Remainings	WPAW	IPC_Pos	Position	PN	Serial_Number	Description	Condition	MFR_Dat
11818	Y	2019-10-01	-184	-184 DY	WP190307-BBB	26-20-00-08	01	473957-4	63380EL	FIREX - CARGO HALON	INS	2002-02-
1857	Y	2019-10-15	-170	-170 DY	WP190298-BBB	25-66-00-52	RHAF	5A3307-7	BNG6013	SLIDE ASSY - ESCAPE	OH	2004-10-
10317	Y	2019-10-22	-163	-163 DY	WP190307-BBB	25-64-00-69-220	02	SS-01-0005-312	029	FIRST AID KIT	REN	NA
10070	Y	2019-10-26	-159	-159 DY	WP190298-BBB	25-66-00-52	LHAF	5A3307-7	BNG9036	SLIDE ASSY - ESCAPE	OH	2006-12-
10068	Y	2019-11-07	-147	-147 DY	WP190307-BBB	25-66-00-52	RHPW	5A3307-7	BNG19698	SLIDE ASSY - ESCAPE	OH	2013-09-

3. You may also set up fixed average flight hours and cycles, then select the 'Apply Fixed AVG' check box, and click on. All next due dates will be recalculated in accordance with the set average flight hours and cycles.

4. All listed tasks can be updated in an Actual Task Editor. For its opening, select an item's check box and right-click the task.

The screenshot shows the 'Actual Task Editor' window. At the top, the 'Selected Task' is 'WP20002-BBB'. Below this, there are fields for 'Task' (SB737-55A1097_1), 'Basic Task', 'Type' (EC), 'Task Type' (AIRFRAME), 'Base' (H), and 'AC Reg.' (VQ-BBB). A 'Shortage Number' field is highlighted with a blue circle and the number 5. The 'Task Description' is 'STABILIZERS - HORIZONTAL STABILIZER - REAR SPAR UPPER CHORD INSPECTION'. Below this, there are fields for 'EC Reference', 'EC Criteria', and 'MFR. Date' (2001-05-11). A 'Materials' section is highlighted with a blue circle and the number 6. The 'Task Completion Data' section is highlighted with a blue circle and the number 8, showing 'AC Total Date' (19-Mar-2020), 'AVG FH' (12.50), and 'AVG FC' (3.00). A 'Remarks (reason)' section is highlighted with a blue circle and the number 9, showing 'INITIAL'. A 'Prolongation Info' section is highlighted with a blue circle and the number 7, showing 'Next Due Date' (02-Apr-2020) and 'Days' (15). A 'Task Completion Data' section is highlighted with a blue circle and the number 10, showing 'Current Remainings' and 'Calculated Remainings'.

5. If it is necessary remove WP or add JIC or select shortage number.

6. Also, you can enter Materials and Tools. Click on the edit button.

7. You can attach necessary files by clicking on yellow Attach.

8. You can change completion dates (FHs)/ next due dates (FHs) and set up intervals.

9. Select a 'Terminate' check box, if the task completion should be finished, but still be available for its returning back anytime. After termination, the task will be displayed in the 'Finished' Aircraft Schedule. This option is usually used for seasonal tasks and others. Select a 'Not Effective' check box, if the task is not effective; after this action, the task cannot be returned back. Select "Superseded" and task will be closed in Planning.

10. Click on the Update to save changes.

Planning User ID: DUN - Full Control

Calculation of Average Aircraft's Utilization Criteria:
 1W 2W 1M 3M 6M 12M
 Calc AVG FH: 0.01 Fix AVG FH: 7 Apply Calculated AVG:
 Calc AVG FC: 0.00 Fix AVG FC: 5 Apply Fixed AVG:
 Average: Saved
 FH: 12.50 APU FH: 6.00
 FC: 3.00 APU FC: 4.00

AC Sched: found 807
 MAND-LIM: MAJOR: FLS-56 FLS-75 Colmas
 Filter ID-Number: Filter WPANO: WP

ID:	Overdue:	Calc Due Date:	+/- d:	Remainings:	Type:	ID-Number:	Base:	FH_Compl:	FH_Interval:	FH_Next_Due:	FH_Start:	FH_Finish:	FC_Compl:	FC_Interval:	FC_Ne
85265	N	2020-01-11	-82	213 DY,	Task	34-110-01-01	Y								
84852	N	2020-02-06	-56	309 FC,	EC	AD2018-26-01_0	N	43490					20772	1600	22372
42762	Y	2020-02-29	-33	-164 FC,	NRC	1712248							1500		21899
86511	Y	2020-03-01	-32	-90 DY,	NRC	1909023									
86935	Y	2020-03-01	-32	-90 DY,	Task	38-070-00-01	N	48986.5					22014		
86936	Y	2020-03-01	-32	-90 DY,	Task	YA-11-001	N	48986.5					22014		
86901	Y	2020-03-03	-30	983.55 FH, 351 FC, -30 DY,	Check	2A CHECK		48986.5	1200	50186.5			22014	400	22414
87378	N	2020-03-05	-28	219.17 FH,	Task	23-040-00-01	N	49122.12	300	49422.12	300		22044		
84850	N	2020-03-07	-26	464 FC,	EC	AD2018-26-01_0	N	44140.05					20927	1600	22527
79443	N	2020-03-09	-24	154 DY,	EC	AD2019-01-03_0_J	N								
79481	N	2020-03-09	-24	154 DY,	EC	AD2019-01-03_0_K	N								
39038	N	2020-03-11	-22	215 DY,	TASK	26-470-00-01	Y								
39039	N	2020-03-11	-22	215 DY,	TASK	26-481-00-01	Y								
39041	N	2020-03-11	-22	215 DY,	TASK	26-481-00-01	Y	36503.32							
85952	Y	2020-04-02	0	4472.05 FH, -58 DY,	Task	31-120-00-01	Y	46657.05	7500	53675	7500		21528		
87464	N	2020-04-15	13	97.10 FH,	Check	150 FH		49150.05	150	49300.05			22051		
85051	Y	2020-04-17	15	108.55 FH,	Task	YA-25-003A	N	48811.5	500	49311.5			21977		
58629	Y	2020-04-19	17	171.15 FH, 464 FC, 17 DY,	Check	6A CHECK		45774.1	3600	49374.1			21327	1200	22527
84820	N	2020-04-21	19	139.10 FH,	Check	RAMP_CHECK		48842.05	500	49342.05			21983		
17143	N	2020-04-29	27	27 DY,	Task	28-AWL-24	N	32255					17020		

Component Schedule: 416
 Filter IPC Pos.: PN: SN: TRT: Show All:

ID:	Overdue:	Calc Due Date:	+/- d:	Remainings:	WP:	IPC_Pos:	Position:	PN:	Serial_Number:	Description:	Condition:	MFR_Dat
3004	N	2049-03-28	10587	52937 FC,		57-15-00-10	RH	115A1221-4	50119-25	FITTING - MLG BEAM UPR STAB LINK RH	NEW	2001-05-
3005	N	2049-03-28	10587	52937 FC,		57-15-00-11	RH	115A1310-2	1041	FUSE PIN - MLG BEAM ATTACH OUTBD	NEW	2001-05-
3006	N	2049-03-28	10587	52937 FC,		57-15-00-12	RH01	115A1320-1	4790	FUSE PIN - STAB LINK MLG SUPPORT	NEW	2001-05-
3007	N	2049-03-28	10587	52937 FC,		57-15-00-13	RH	115A1510-16	N192	FITTING - UPR STABILIZER ATTACH RH	NEW	2001-05-
3009	N	2049-03-28	10587	52937 FC,		57-15-00-15	RH	115A5311-10	B861-247169	FITTING SUPPORT - MLG BEAM CENTER RH	NEW	2001-05-

11. All listed components can be updated in an Actual Component Editor. For its opening, select an item's check box and right-click the component.

Actual Component Editor

Selected Component:

PN: 115A1310-2 SN: 1041

IPC Position: 57-15-00-11 Pos.: RH Position Description: MLG BEAM ATTACH OUTBD FUSE PIN - RH

AC MFR. Date: 11-May-2001 AC Reg.: VQ-BBB Total Date: 19-Mar-2020 Total FH: 49202.55 Total FC: 22063

Component Editor | Components EC

Selected Component:

Part Effectivity, Maintenance Plan:

- Part Effectivity: 2998 115A1310-2 1041 FUSE PIN - MLG BEAM ATTACH OUTBD
- Part Maintenance Plan: 3694 DSC DISCARD COMPONENT A/C Counts
- Repetitive Interval: 75000 FC;

Component Data:

Install Date:	Install FH:	FC:	R/I AMM Reference:
11-May-2001	0	0	
Total Date:	Total FH:	FC:	
19-Mar-2020	49202.55	22063	

CALCULATED:

TSI:	CSI:	CSN:	TSN:	CSO:	TSO:	CSR:
0	0	49202.55	22063	0	0	49202.55
0	0	49202.55	22063	0	0	49202.55
0	0	49202.55	22063	0	0	49202.55
0	0	49202.55	22063	0	0	49202.55

Positions:

VQ-BBB

Components Position Editor:

3005 57-15-00-11 RH MLG BEAM ATTACH OUTBD FUSE PIN - RH 115A1310-2

TSI: 49202.55 FH; TSM: 49202.55 FH; TSO: 49202.55 FH; TSR: 49202.55 FH;

CSI: 22063 FC; CSN: 22063 FC; CSO: 22063 FC; CSR: 22063 FC;

Treatment: DSC DISCARD COMPONENT; FC Interval: 75000; FC Next Due: 75000;

Component Data:

Condition: NEW Cert. Date: 11-May-2001 MFR. Date: 11-May-2001

Cert. Type: INITIAL Cert. Number: INITIAL

TAG: INITIAL Approval Refer.: INITIAL

Major SV Date:

Save

Defer History Close

12. Make corresponding changes and click on the Save button to save data.

13. Also, you can defer component treatment, see component history position information and close the screen.

4. Forecast.

1

The screenshot shows the 'Planning' application window with the 'Forecast' button highlighted in the toolbar. The 'AC Sched' section shows a list of tasks with columns for ID, Overdue, Calc Due Date, +/- d, Remainings, Type, ID-Number, Base, FH_Compl, FH_Interval, FH_Next_Due, FH_Start, FH_Finish, FC_Compl, FC_Interval, and FC_Nk. The 'Component Schedule' section shows a list of components with columns for ID, Overdue, Calc Due Date, +/- d, Remainings, vP, IPC_Pos, Position, PN, Serial_Number, Description, Condition, and MFR_Dat.

A Forecast Option allows monitoring all tasks that should be performed within a particular period of time, unlike a list of tasks that displays only the next due date of a particular task.

1. On the upper toolbar select “Forecast”, “Forecast Comp” or “ForecastSpare” and corresponding windows will be opened.

Forecast Planning

AC Reg.: VQ-BBB ID Number: []

All Tasks Checks EC NRC

2 W 1 M 2 M 3 M 6 M 1 Y

Date: [] Excel

ID:	Overdue:	Calc Due Date:	+/- d:	Overdue_Value:	AC_Reg:	Type:	ID Number:	Check:	Task_Title:
42762	Y	2019-07-27	-250	-156 FC;	VQ-BBB	NRC	1712248		DENT ON THE FWD SCUFF PLATE NEAR STA.460 M
84644	Y	2019-08-31	-215	-17 DY;	VQ-BBB	MEL	1906783		TRANSFER FROM CDR # 08662-1. 1A THE SEAT IS
41659	Y	2019-09-07	-208	-10 DY;	VQ-BBB	Task	YA-05-251DY	DY	CHECK PASSENGER CABIN
87387	Y	2019-09-08	-207	-9 DY;	VQ-BBB	MEL	1908992		DURING MAINT. FOUND AFT LAVATORY(LH) ALL T
86524	Y	2019-09-12	-203	-5 DY;	VQ-BBB	MEL	1908993		DURING MAINT. FOUND AFT LAVATORY (LH) WAS
87410	N	2019-09-25	-190	8 DY;	VQ-BBB	MEL	1909069		CENTER HORIZONTAL PANEL NOT LIGHT ILLUMINA

Found 217 Records

- overdue WP not Exist - overdue WP Exist - less than 21 days - more than 21 days

Forecast Planning

AC Reg.: VQ-BBB IPC Filter: [] Filter PN: [] Filter SN: []

2 Weeks 1 Month 2 Months 3 Months 6 Months 1 Year

Excel

ID:	Overdue:	Calc Due Date:	+/- d:	Remainings:	AC_REG:	IPC_Pos:	Position:	PN:	Serial_Number:	Description:	Conditi
11818	Y	2019-10-01	-184	-184 DY;	VQ-BBB	26-20-00-08	01	473957-4	63380EL	FIREX - CARGO HALON	INS
1857	Y	2019-10-15	-170	-170 DY;	VQ-BBB	25-66-00-52	RHAF	5A3307-7	BNG6013	SLIDE ASSY - ESCAPE	OH
10317	Y	2019-10-22	-163	-163 DY;	VQ-BBB	25-64-00-68-220	02	S6-01-0005-312	029	FIRST AID KIT	REN
10070	Y	2019-10-26	-159	-159 DY;	VQ-BBB	25-66-00-52	LHAF	5A3307-7	BNG9036	SLIDE ASSY - ESCAPE	OH
10068	Y	2019-11-07	-147	-147 DY;	VQ-BBB	25-66-00-52	RHFW	5A3307-7	BNG19698	SLIDE ASSY - ESCAPE	OH

Found 15 Records

- overdue WP not Exist - overdue WP Exist - less than 21 days - more than 21 days

Forecast Spare Parts

AC Reg.: VQ-BBB ID Number: []

All Tasks EC Components

2 W 1 M 2 M 3 M 6 M 1 Y

Date: [] Excel

ID:	Overdue:	Calc Due Date:	+/- d:	Remainings:	AC_Reg:	Task:	Type:	PN:	Description:
86740	N	2019-09-26	-189	9 DY;	VQ-BBB	YA-20-001	Task	B00130	ALCOHOL - ISOPROPYL
86740	N	2019-09-26	-189	9 DY;	VQ-BBB	YA-20-001	Task	B50012	CLEANER - OPTICAL CLEANING CALOTHEM SOLUTION - SU
86740	N	2019-09-26	-189	9 DY;	VQ-BBB	YA-20-001	Task	B50013	CLOTH - CALOCOAT HI-TECH LENS CLOTH - SUPACLOTH
86740	N	2019-09-26	-189	9 DY;	VQ-BBB	YA-20-001	Task	G01043	CLOTH - LINT-FREE
86740	N	2019-09-26	-189	9 DY;	VQ-BBB	YA-20-001	Task	G02457	CLEANER - WET/DRY ANTI-STATIC SACHET - ALGLAS VISI

Found 200 Records

- overdue WP not Exist - overdue WP Exist - less than 21 days - more than 21 days

When you click on the Forecast tab in the upper toolbar Forecast Planning screen with tasks opens.

2. Select a period of time:

- 2 weeks;
- 1 month;
- 2 months;
- 3 months;
- 6 months;
- 1 year;

3. There are several filters available:

‘All’ –checks/ NRC/ out of check tasks/ ECs are displayed;

‘Tasks’ – only tasks are displayed;

‘Checks’ –only checks are displayed;

‘EC’ –only engineering controls are displayed;

‘NRC’ –deferred NRC items are displayed;

4. Use ‘ID Number’ and ‘Aircraft Registration’ filters.

Forecast Planning

AC Reg.: VQ-BBB ID Number: [] All: Tasks: Checks: EC: NRC: 2 W: 1 M: 2 M: 3 M: 6 M: 1 Y: Date: [] Excel

ID:	Overdue:	Calc Due Date:	+/- d:	Overdue_Value:	AC_Reg:	Type:	ID Number:	Check:	Task_Title:
42762	Y	2019-07-27	-250	-156 FC,	VQ-BBB	NRC	1712248		DENT ON THE FWD SCUFF PLATE NEAR STA 460 M
84644	Y	2019-08-31	-215	-17 DY,	VQ-BBB	MEL	1906783		TRANSFER FROM CDR # 08662-1. 1A THE SEAT IS
41659	Y	2019-09-07	-208	-10 DY,	VQ-BBB	Task	YA-05-251DY	DY	CHECK PASSENGER CABIN
87387	Y	2019-09-08	-207	-9 DY,	VQ-BBB	MEL	1908992		DURING MAINT. FOUND AFT LAVATORY(LH) ALL T
86524	Y	2019-09-12	-203	-5 DY,	VQ-BBB	MEL	1908993		DURING MAINT. FOUND AFT LAVATORY (LH) WAS
87410	N	2019-09-25	-190	8 DY,	VQ-BBB	MEL	1909069		CENTER HORIZONTAL PANEL NOT LIGHT ILLUMINA

Found 217 Records

- overdue WP not Exist - overdue WP Exist - less than 21 days - more than 21 days

Forecast Planning

AC Reg.: VQ-BBB IPC Filter: [] Filter PN: [] Filter SN: [] 2 Weeks: 1 Month: 2 Months: 3 Months: 6 Months: 1 Year: Excel

ID:	Overdue:	Calc Due Date:	+/- d:	Remainings:	AC_REG:	IPC_Pos:	Position:	PN:	Serial_Number:	Description:	Conditi
11818	Y	2019-10-01	-184	-184 DY,	VQ-BBB	26-20-00-08	01	473957-4	63380EL	FIREX - CARGO HALON	INS
1857	Y	2019-10-15	-170	-170 DY,	VQ-BBB	25-66-00-52	RHAF	5A3307-7	BNG6013	SLIDE ASSY - ESCAPE	OH
10317	Y	2019-10-22	-163	-163 DY,	VQ-BBB	25-64-00-68-220	02	S6-01-0005-312	029	FIRST AID KIT	REN
10070	Y	2019-10-26	-159	-159 DY,	VQ-BBB	25-66-00-52	LHAF	5A3307-7	BNG9036	SLIDE ASSY - ESCAPE	OH
10068	Y	2019-11-07	-147	-147 DY,	VQ-BBB	25-66-00-52	RHPW	5A3307-7	BNG19698	SLIDE ASSY - ESCAPE	OH

Found 15 Records

- overdue WP not Exist - overdue WP Exist - less than 21 days - more than 21 days

Forecast Spare Parts

AC Reg.: VQ-BBB ID Number: [] All: Tasks: EC: Components: 2 W: 1 M: 2 M: 3 M: 6 M: 1 Y: Date: [] Excel

ID:	Overdue:	Calc Due Date:	+/- d:	Remainings:	AC_Reg:	Task:	Type:	PN:	Description:
86740	N	2019-09-26	-189	9 DY,	VQ-BBB	YA-20-001	Task	B00130	ALCOHOL - ISOPROPYL
86740	N	2019-09-26	-189	9 DY,	VQ-BBB	YA-20-001	Task	B50012	CLEANER - OPTICAL CLEANING CALOTHERM SOLUTION - SU
86740	N	2019-09-26	-189	9 DY,	VQ-BBB	YA-20-001	Task	B50013	CLOTH - CALOCOAT HI-TECH LENS CLOTH - SUPACLOTH
86740	N	2019-09-26	-189	9 DY,	VQ-BBB	YA-20-001	Task	G01043	CLOTH - LINT-FREE
86740	N	2019-09-26	-189	9 DY,	VQ-BBB	YA-20-001	Task	G02457	CLEANER - WET/DRY ANTI-STATIC SACHET - ALGLAS VISI

Found 200 Records

- overdue WP not Exist - overdue WP Exist - less than 21 days - more than 21 days

When you click on the “ForecastComp” tab in the upper toolbar Forecast Planning screen opens.

5. Select a period of time:

- 2 weeks;
- 1 month;
- 2 months;
- 3 months;
- 6 months;
- 1 year;

6. There are several filters available: IPC Position filter, Part Number filter, Serial Number filter and Aircraft Registration.

When you click on the “ForecastSpare” tab in the upper toolbar Forecast Spare Parts screen opens.

7. Select a period of time:

- 2 weeks;
- 1 month;
- 2 months;
- 3 months;
- 6 months;
- 1 year;

Forecast Planning

AC Reg.: VQ-BBB ID Number: All: Tasks: Checks: EC: NRC: 2 W: 1 M: 2 M: 3 M: 6 M: 1 Y: Date: Excel

ID:	Overdue:	Calc Due Date:	+/- d:	Overdue_Value:	AC_Reg:	Type:	ID Number:	Check:	Task Title:
42762	Y	2019-07-27	-250	-156 FC,	VQ-BBB	NRC	1712248		DENT ON THE FWD SCUFF PLATE NEAR STA 460 M
84644	Y	2019-08-31	-215	-17 DY,	VQ-BBB	MEL	1906783		TRANSFER FROM CDR # 08662-1. 1A THE SEAT IS
41659	Y	2019-09-07	-208	-10 DY,	VQ-BBB	Task	YA-05-251DY	DY	CHECK PASSENGER CABIN
87387	Y	2019-09-08	-207	-9 DY,	VQ-BBB	MEL	1908992		DURING MAINT. FOUND AFT LAVATORY (LH) ALL T
86524	Y	2019-09-12	-203	-5 DY,	VQ-BBB	MEL	1908993		DURING MAINT. FOUND AFT LAVATORY (LH) WAS
87410	N	2019-09-25	-190	8 DY,	VQ-BBB	MEL	1909069		CENTER HORIZONTAL PANEL NOT LIGHT ILLUMINA

Found 217 Records

- overdue WP not Exist - overdue WP Exist - less than 21 days - more than 21 days

8. There are several filters available:

‘All’ –checks/ NRC/ out of check tasks/ ECs are displayed;

‘Tasks’ – only for tasks are displayed;

‘Checks’ –only for checks are displayed;

‘EC’ –only for engineering controls are displayed;

‘NRC’ –only for deferred NRC items are displayed;

9. Use ‘ID Number’ and ‘Aircraft Registration’ filters.

Forecast Planning

AC Reg.: VQ-BBB IPC Filter: Filter PN: Filter SN: 2 Weeks: 1 Month: 2 Months: 3 Months: 6 Months: 1 Year: Excel

ID:	Overdue:	Calc Due Date:	+/- d:	Remainings:	AC_Reg:	IPC_Pos:	Position:	PN:	Serial Number:	Description:	Condit
11818	Y	2019-10-01	-184	-184 DY,	VQ-BBB	26-20-00-08	01	473957-4	63380EL	FIREX - CARGO HALON	INS
1857	Y	2019-10-15	-170	-170 DY,	VQ-BBB	25-66-00-52	RHAF	5A3307-7	BNG6013	SLIDE ASSY - ESCAPE	OH
10317	Y	2019-10-22	-163	-163 DY,	VQ-BBB	25-64-00-68-220	02	S6-01-0005-312	029	FIRST AID KIT	REN
10070	Y	2019-10-26	-159	-159 DY,	VQ-BBB	25-66-00-52	LHAF	5A3307-7	BNG9036	SLIDE ASSY - ESCAPE	OH
10068	Y	2019-11-07	-147	-147 DY,	VQ-BBB	25-66-00-52	RHFV	5A3307-7	BNG19698	SLIDE ASSY - ESCAPE	OH

Found 15 Records

- overdue WP not Exist - overdue WP Exist - less than 21 days - more than 21 days

Forecast Spare Parts

AC Reg.: VQ-BBB ID Number: All: Tasks: EC: Components: 2 W: 1 M: 2 M: 3 M: 6 M: 1 Y: Date: Excel

ID:	Overdue:	Calc Due Date:	+/- d:	Remainings:	AC_Reg:	Task:	Type:	PN:	Description:
86740	N	2019-09-26	-189	9 DY,	VQ-BBB	YA-20-001	Task	B00130	ALCOHOL - ISOPROPYL
86740	N	2019-09-26	-189	9 DY,	VQ-BBB	YA-20-001	Task	B50012	CLEANER - OPTICAL CLEANING CALOTHERM SOLUTION - SU
86740	N	2019-09-26	-189	9 DY,	VQ-BBB	YA-20-001	Task	B50013	CLOTH - CALOCOAT HI-TECH LENS CLOTH - SUPACLOTH
86740	N	2019-09-26	-189	9 DY,	VQ-BBB	YA-20-001	Task	G01043	CLOTH - LINT-FREE
86740	N	2019-09-26	-189	9 DY,	VQ-BBB	YA-20-001	Task	G02457	CLEANER - WET/DRY ANTI-STATIC SACHET - ALGLAS VISI

Found 200 Records

- overdue WP not Exist - overdue WP Exist - less than 21 days - more than 21 days

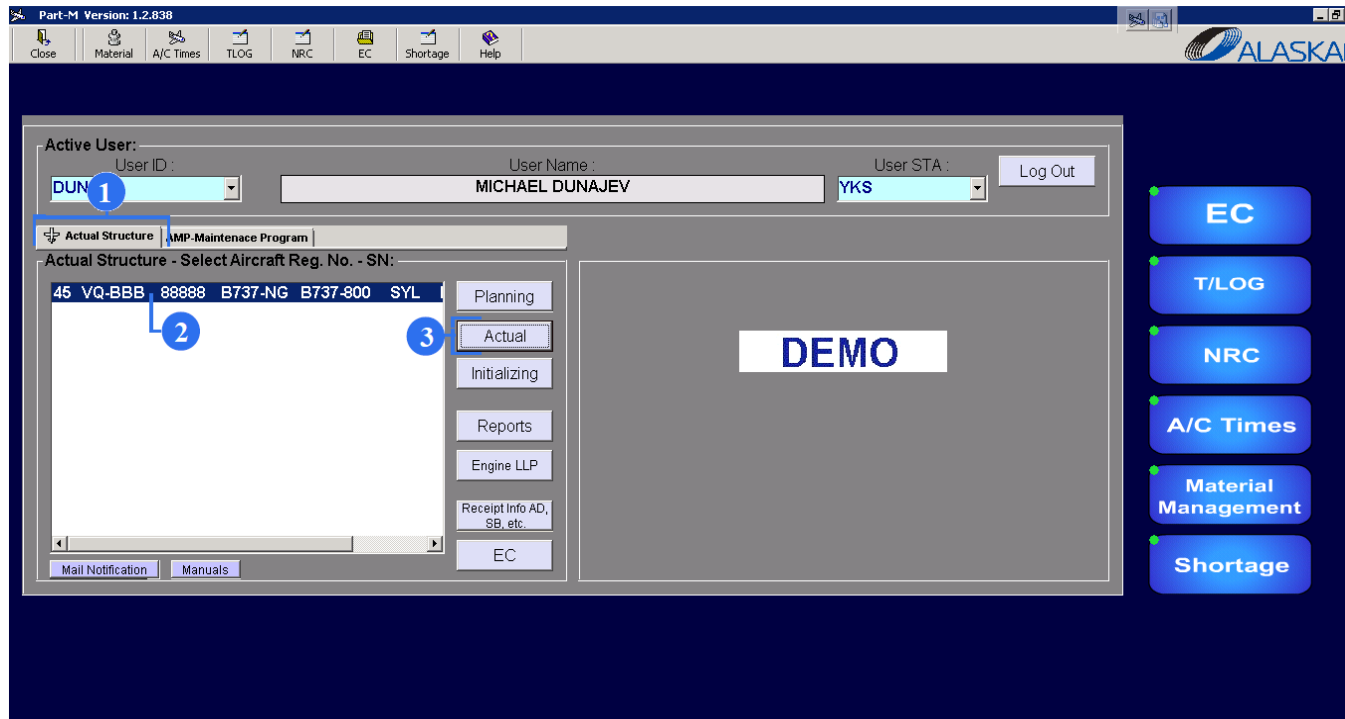
Actual

User guidance

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1. Actual Overview and Work Packages Completion



An Actual sub-module displays all actual data taken from the Initializing sub-module (not hard-time Engineering Controls and Component Position Structure), as well as provides completion of work packages/work orders, submitted to execution in the Planning sub-module

To open Actual sub-module in the initial screen of the PART M module do these steps:

1. Select "Actual Structure" tab.
2. Highlight necessary aircraft registration.
3. Push "Actual" button.

Aircraft Actual Structure

User ID: DUN - Full Control

Selection: AC Req: VO-BBB AC Family: B737-NG AC Type: B737-800 S/N: 88888 AC MFR Date: 5/11/2001 STA: VKO Total Date: 19-Mar-2020 Total FH: 49202.55 Total FC: 22063 Code ICAO: SVL Operator Name: DEMO

WP - Work Package Components EC - Engineering Orders

WP - Work Packages: Found: 7 WP

Execution: Execution Closed WP List

MRO Code: Filter WP or Task: Task Title: WP Description: New Planned Opened Canceled Rem-Inst

Search Excel

WP ID	WP Description	Date
8516	WP200003-BBB MAINTENANCE	4/2/2020
62939	LYR LYR	
83683	WO2000010-BBB 1908002 MMHR: 0.1 DURING PRE-FLIGHT FOUND TAIL SKID STICKER IS MISSING	
86429	WO2000011-BBB 1909012 MMHR: 0.2 ENG#1: 7EA PLACARDS ARE MISSING	
86432	WO2000012-BBB 1909013 MMHR: 0.2 ENG#2: 6EA PLACARDS ARE MISSING	
86438	WO2000013-BBB 1909016 MMHR: 0.2 FUSELAGE: 14EA PLACARDS IN BAD CONDITION AND MISSING	
86439	WO2000014-BBB 1909017 MMHR: 0.2 MLG: YA-37NG-E-103 IN BAD CONDITION	
86441	WO2000015-BBB 1909019 MMHR: 0.2 FWD R/H DOOR: 2EA PLACARDS IN BAD CONDITION	
62941	WO2000016-BBB 26-450-00-01 MMHR: 0.1 DET - PORTABLE HALON FIRE EXTINGUISHERS INSPECTION	
83164	WO2000017-BBB 27-026-01-01 MMHR: 0.5 LUB - LEFT WING AILERON LUBRICATION	
83165	WO2000018-BBB 27-026-02-01 MMHR: 0.4 LUB - RIGHT WING AILERON LUBRICATION	
62944	WO2000019-BBB 28-054-00-01 MMHR: 0.3 OPC - GFI RELAY CHECK	
62945	WO2000020-BBB 28-056-00-01 MMHR: 0.8 FNC - CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM	
62946	WO2000021-BBB 28-115-00-01 MMHR: 0.3 FNC - CENTER TANK BOOST PUMP AUTO SHUTOFF TEST	
62947	WO2000022-BBB 33-055-00-01 MMHR: 1.5 FNC - EMERGENCY BATTERY PACK CAPACITY FUNC CHECK	
62948	WO2000023-BBB 52-020-00-01 MMHR: 0.6 LUB - SERVICE AND ENTRY DOOR LUBRICATION	
62949	WO2000024-BBB 52-020-00-02 MMHR: 0.6 LUB - SERVICE AND ENTRY DOOR LUBRICATION	
62950	WO2000025-BBB 52-020-00-03 MMHR: 0.6 LUB - SERVICE AND ENTRY DOOR LUBRICATION	
62951	WO2000026-BBB 52-020-00-04 MMHR: 0.6 LUB - SERVICE AND ENTRY DOOR LUBRICATION	
62952	WO2000027-BBB 52-090-00-01 MMHR: 0.2 LUB - FWD AND AFT CARGO COMPARTMENT DOOR LUBRICATION	
62953	WO2000028-BBB 52-090-00-02 MMHR: 0.2 LUB - FWD AND AFT CARGO COMPARTMENT DOOR LUBRICATION	
62954	WO2000029-BBB 52-150-00-01 MMHR: 1.06 LUB - AIRSTAIR DOOR SYSTEM LUBRICATION	
87493	WO2000030-BBB YA-51-001 MMHR: 2 CHECK AIRCRAFT EXTERIOR STRUCTURE FOR NEW DAMAGE	
8515	WP200002-BBB IMPORTANT	4/2/2020
8301	WP190285-BBB INSTALL BOTTLE PN: 5500-CLA-BF23A AND MASK PN: 28301-12 ON ST.3L AND CLOSE MEL 35-04 ST 3L ONE OXY BOTTLE AND ONE OXY MASK USED NRC 1907871	9/6/2019
8239	WP190282-BBB PLEASE, REMOVE HINGE PN: H859-1 FROM WATER SERVICE PANEL FOR INSTALLATION ON HI PRESSURE CONNECT DOOR. THAN OPEN CDL 52-40-09 AND MEL 38-01B.	9/2/2019
8107	WP190262-BBB PLEASE PERFORM TBS AND ORDER COMPONENT (NRC-1908993)DURING MAINT. FOUND AFT LAVATORY (LH) WASTE SYSTEM IS LEAKAGE	8/23/2019
8091	WP190258-BBB VERIFICATION OF PART AND SERIAL NUMBER OF THE AUTOHOTBLE COMPUTER ASSEMBLY	8/22/2019
8013	WP190249-BBB 6A-CHECK	8/16/2019

4. All Work Packages, consisting of checks/tasks/hard-time ECs & Components with assigned to them Work Orders, should be completed in the editor. To open it, highlight an executed Work Package.

5. Click on Comply button.

The screenshot displays the 'Aircraft Actual Structure' application window. At the top, it shows user information: 'User ID: DUN - Full Control'. Below this is a 'Selection:' section with various filters and fields, including 'AC Reg: VO-BBB', 'AC Type: B737-800', 'SN: 88888', 'AC MFR. Date: 5/11/2001', 'STA: VKO', 'Total Date: 19-Mar-2020', 'Total FH: 49202.55', 'Total FC: 22663', 'Code ICAO: SVL', and 'Operator Name: DEMO'. A blue circle '8' highlights the 'AC Reg' dropdown.

The main area is a table of tasks. The columns are: ID, Comply, WVO, WVO_Source, ADD_WVO, Task, Task_Title, Task_Type, and FH. A blue circle '7' highlights the 'Task' column header. A blue circle '6' highlights the 'Task_Type' column header. A blue circle '8' highlights the 'Comply' column, where several checkboxes are checked. A blue circle '6' also highlights the 'Task_Type' column, where 'VCK' is visible for the last row.

On the right side, there is a 'Work Package Info:' section. It shows 'WP Number: WP200003-BBB', 'WP Date: 02-Apr-2020', and 'Issued By: DUN'. Below this are 'Plan Date: 03-Apr-2020', 'Final Date: 03-Apr-2020', 'MRO Code: NA', and 'STA:'. A 'WP Description:' field is also present. There are buttons for 'Cancel WVP', 'Close WVP', and 'Comply WVP'. Below that is a 'WP Completion:' section with 'Task's WO Completion Data:' including 'Compl. Date: 02-Apr-2020', 'Hour: 00', and 'Minute: 00'. There are 'Attach' and 'Comply' buttons. A 'Mechanic ID:' field is also visible. At the bottom of the WP Completion section, there is an 'Action Note:' field and buttons for 'Defer TC' and 'Add WVO'.

6. You will get a list of all items (Tasks/ Checks/ ECs/Deferred NRC Items/ Additional & Supplementary Work Orders) that constitute the selected Work Package.

7. Use filters to find necessary items.

8. To register the item completion, select item's check box in the list and work with it in the Editor. To select all the tasks, you can use "Select All WOs" button.

Work Package Info:

WP Number: **WP200003-BBB** | W/P Date: **02-Apr-2020** | Issued By: **DUN**

Plan Date: **03-Apr-2020** | Finish Date: **03-Apr-2020** | MRO Code: **NA** | STA: [Dropdown]

W/P Description: **MAINTENANCE**

Buttons: **Cancel WP** (16), **Close WP** (13), **Comply WP** (11)

WP Completion:

Task's WO Completion Data:

Compl. Date: **04-Apr-2020** | Hour: **07** | Minute: **00**

Mechanic ID: **DUN** | **MICHAEL DUNAJEV**

Action Note: **it was easy**

Buttons: **Attach** (10), **Comply** (11), **Defer TC**, **Add WO**

WP Completion Data:

Compl. Date: **04-Apr-2020** | AC Compl. FH: **49202.55** | AC Compl. FC: **22063** | Latest Date: **19-Mar-2020**

AC Total Date: **19-Mar-2020** | AC Total FH: **49202.55** | AC Total FC: **22063**

Not Found AC Utilization for Period Between: 04-Apr-2020 - 21-Mar-2020 !

Remarks:

Buttons: **T/Log Number** (14), **Seq** (15), **Confirm**, **Close**

Related Task or EC to be Completed:

<input checked="" type="checkbox"/>	27-CMR-11	TASK	Master: 27-026-02-01	Task	7
<input checked="" type="checkbox"/>	28-AVLM-19	TASK	Master: 28-115-00-01	Task	3
<input checked="" type="checkbox"/>	28-AVLM-20	TASK	Master: 28-054-00-01	Task	3
<input checked="" type="checkbox"/>	28-AVLM-23	TASK	Master: 28-056-00-01	Task	3
<input checked="" type="checkbox"/>	AD2006-21-01_0_J	EC	Master: 27-026-01-01	T	
<input checked="" type="checkbox"/>	AD2006-21-01_0_J	EC	Master: 27-026-02-01	T	

9. Select a Completion Date, Man-Hours/Minutes, a Mechanic ID and Action Note..

10. It is possible to attach any references to the Work Order by clicking on Attach.

11. To complete the Work Order, click on Comply button.

12. All completed items turn from green to grey in the list.

13. When all Work Orders, constituting the Work Package, are completed, the Work Package can be submitted to completion by clicking on “Compl WP” button.

14. To finish the completion, fill out all required fields (T/Log Number, Remarks, Compl Date, Compl FH/FC) in the ‘WO Completion Data’ editor.

15. Click on the “Confirm”. The WP will not be displayed any more.

16. To close the fully completed Work Package, click on the “Close WP” button. (T/Log can be ‘NA’). To cancel any Work Packages, click on “Cancel WP”. After cancellation, WPs are inactive in the system.

Aircraft Actual Structure

User ID: **DUN - Full Control**

Selection: AC Req: **VQ-BBB** | AC Family: **B737-NG** | AC Type: **B737-800** | SN: **88888** | AC MFR. Date: **5/11/2001** | STA: **VKO** | Total Date: **19-Mar-2020** | Total FH: **49202.55** | Total FC: **22063** | Code ICAO: **SYL** | Operator Name: **DEMO**

WP Completion: **Close** | Filter ID Number: | Filter WO: | **Compl WP**

ID	Comply	WO	WO_Source	ADD_WO	Task	Task_Type	FH
42565	<input checked="" type="checkbox"/>		Check		1YR	Check	
42566	<input checked="" type="checkbox"/>	WO2000010-BBB	NRC		1908002 DURING PRE-FLIGHT FOUND TAIL SKID STICKER IS MISSING	NRC	
42567	<input checked="" type="checkbox"/>	WO2000011-BBB	NRC		1909012 ENG#1: 7EA PLACARDS ARE MISSING	NRC	
42568	<input checked="" type="checkbox"/>	WO2000012-BBB	NRC		1909013 ENG#2: 6EA PLACARDS ARE MISSING	NRC	
42569	<input checked="" type="checkbox"/>	WO2000013-BBB	NRC		1909016 FUSELAGE: 14EA PLACARDS IN BAD CONDITION AND	NRC	
42570	<input checked="" type="checkbox"/>	WO2000014-BBB	NRC		1909017 NLG: YA-37NG-E-103 IN BAD CONDITION	NRC	
42571	<input checked="" type="checkbox"/>	WO2000015-BBB	NRC		1909019 FWD RH DOOR: 2EA PLACARDS IN BAD CONDITION	NRC	
42572	<input checked="" type="checkbox"/>	WO2000016-BBB	Task		26-450-00-01 DET - PORTABLE HALON FIRE EXTINGUISHERS INSPECTION	DET/DVI	
42573	<input checked="" type="checkbox"/>	WO2000017-BBB	Task		27-026-01-01 LUB - LEFT WING AILERON LUBRICATION	LUB	52:
42574	<input checked="" type="checkbox"/>	WO2000018-BBB	Task		27-026-02-01 LUB - RIGHT WING AILERON LUBRICATION	LUB	52:
42575	<input checked="" type="checkbox"/>	WO2000019-BBB	Task		28-054-00-01 OPC - GPI RELAY CHECK	OPC	53:
42576	<input checked="" type="checkbox"/>	WO2000020-BBB	Task		28-056-00-01 FNC - CENTER TANK FUEL PUMP POWER FAILED ON PROTECTION SYSTEM	FNC	58:
42577	<input checked="" type="checkbox"/>	WO2000021-BBB	Task		28-115-00-01 FNC - CENTER TANK BOOST PUMP AUTO SHUTOFF TEST	FNC	
42578	<input checked="" type="checkbox"/>	WO2000022-BBB	Task		33-055-00-01 FNC - EMERGENCY BATTERY PACK CAPACITY FUNC CHECK	FNC	
42579	<input checked="" type="checkbox"/>	WO2000023-BBB	Task		52-020-00-01 LUB - SERVICE AND ENTRY DOOR LUBRICATION	LUB	
42580	<input checked="" type="checkbox"/>	WO2000024-BBB	Task		52-020-00-02 LUB - SERVICE AND ENTRY DOOR LUBRICATION	LUB	
42581	<input checked="" type="checkbox"/>	WO2000025-BBB	Task		52-020-00-03 LUB - SERVICE AND ENTRY DOOR LUBRICATION	LUB	
42582	<input checked="" type="checkbox"/>	WO2000026-BBB	Task		52-020-00-04 LUB - SERVICE AND ENTRY DOOR LUBRICATION	LUB	
42583	<input checked="" type="checkbox"/>	WO2000027-BBB	Task		52-090-00-01 LUB - FWD AND AFT CARGO COMPARTMENT DOOR LUBRICATION	LUB	
42584	<input checked="" type="checkbox"/>	WO2000028-BBB	Task		52-090-00-02 LUB - FWD AND AFT CARGO COMPARTMENT DOOR LUBRICATION	LUB	
42585	<input checked="" type="checkbox"/>	WO2000029-BBB	Task		52-150-00-01 LUB - AIRSTAIR DOOR SYSTEM LUBRICATION	LUB	
42586	<input checked="" type="checkbox"/>	WO2000030-BBB	Task		YA-51-001 CHECK AIRCRAFT EXTERIOR STRUCTURE FOR NEW DAMAGE	VCK	

WP Completion Editor (Right):

WP Number: **WP200003-BBB** | W/P Date: **02-Apr-2020** | Issued By: **DUN**

Plan Date: **03-Apr-2020** | Finish Date: **03-Apr-2020** | MRO Code: **NA** | STA: [Dropdown]

W/P Description: **MAINTENANCE**

Buttons: **Cancel WP** (16), **Close WP** (13), **Comply WP** (11)

WP Completion:

Task's WO Completion Data:

Compl. Date: **04-Apr-2020** | Hour: **07** | Minute: **00**

Mechanic ID: **DUN** | **MICHAEL DUNAJEV**

Action Note: **it was easy**

Buttons: **Attach**, **Comply**, **Defer TC**, **Add WO**

2. Additional Work Order & Deferred Task Cards

Aircraft Actual Structure

User ID: DUN - Full Control

Selection: AC Reg: VQ-BBB AC Family: B737-NG AC Type: B737-800 SN: 88888 AC MFR. Date: 5/11/2001 STA: VKO Total Date: 19-Mar-2020 Total FH: 49202.55 Total FC: 22063 Code ICAO: SVL Operator Name: DEMO

WP Completion: Select All WOs Reset

Filter ID-Number: Filter WO:

ID	Comply	WVO	WVO_Source	ADD_WVO	Task	Task Title
40766	<input checked="" type="checkbox"/>		Check		6A CHECK	6A CHECK
40767	<input checked="" type="checkbox"/>	W01900654-BBB	MEL		1906724	FWD AFT STSTION TWO OXYGEN MASK WAS USED
40768	<input checked="" type="checkbox"/>	W01900655-BBB	MEL	1907864	FOUND AFT GALLEY #402 COMPARTMENT ACCESS DOOR HAS DAMAGE	
40769	<input checked="" type="checkbox"/>	W01900656-BBB	Task		24-050-01-01	FNC - LEFT QAD
40770	<input checked="" type="checkbox"/>	W01900657-BBB	Task		24-050-02-01	FNC - RIGHT QAD
40771	<input checked="" type="checkbox"/>	W01900658-BBB	Task		25-040-00-01	DET - INSPECT PAX SEAT BELTS
40772	<input checked="" type="checkbox"/>	W01900659-BBB	Task		26-050-00-01	VCK - ENGINE FIRE BOTTLE PRESSURE GALUGES
40773	<input checked="" type="checkbox"/>	W01900660-BBB	Task		27-093-00-01	DET - ELEVATOR TAB AND TAB MECHANISM INSPECTION LEFT AND RIGHT
40774	<input checked="" type="checkbox"/>	W01900661-BBB	Task		27-093-00-02	DET - ELEVATOR TAB AND TAB MECHANISM INSPECTION LEFT AND RIGHT
40775	<input checked="" type="checkbox"/>	W01900662-BBB	Task		27-099-00-01	FNC - ELEVATOR BALANCE TAB FREEPLAY CHECK
40776	<input checked="" type="checkbox"/>	W01900663-BBB	Task		27-099-00-02	FNC - ELEVATOR BALANCE TAB FREEPLAY CHECK
40777	<input checked="" type="checkbox"/>	W01900664-BBB	Task		27-136-01-01	LUB - LEFT WING FLAP SKEW SENSOR MECHANISM LUBRICATION
40778	<input checked="" type="checkbox"/>	W01900665-BBB	Task		27-136-02-01	LUB - RIGHT WING FLAP SKEW SENSOR MECHANISM LUBRICATION
40779	<input checked="" type="checkbox"/>	W01900666-BBB	Task		27-182-00-01	LUB - LUBRICATE THE SPOILER MECHANICAL CONTROL PATH (SPOILER MIXER)
40780	<input checked="" type="checkbox"/>	W01900667-BBB	Task		27-182-01-01	LUB - LEFT WING SPOILER MECHANICAL CONTROL PATH LUBRICATION
40781	<input checked="" type="checkbox"/>	W01900668-BBB	Task		27-182-02-01	LUB - RIGHT WING SPOILER MECHANICAL CONTROL PATH LUBRICATION
40782	<input checked="" type="checkbox"/>	W01900669-BBB	Task		27-215-03-01	GVI - SPOILER MECHANICAL CONTROL PATH
40783	<input checked="" type="checkbox"/>	W01900670-BBB	Task		28-060-02-01	RST - RESTORE (CLEAN) RIGHT MAIN FUEL TANK SCAVENGER JET PUMP
40784	<input checked="" type="checkbox"/>	W01900671-BBB	Task		28-060-03-01	RST - RESTORE (CLEAN) THE CENTER FUEL TANK LEFT AND RIGHT WATER SCAVENGER JET PUMP
40785	<input checked="" type="checkbox"/>	W01900672-BBB	Task		29-070-00-02	RST - RESERVOIR PRESSURIZATION MODULE FILTER
40786	<input checked="" type="checkbox"/>	W01900673-BBB	Task		29-080-00-01	OPC - EMDP GROUND FAULT PROTECTION SYSTEM
40787	<input checked="" type="checkbox"/>	W01900674-BBB	Task		52-100-00-01	GVI - FWD AND AFT CARGO DOOR SEAL
40788	<input checked="" type="checkbox"/>	W01900675-BBB	Task		52-100-00-02	GVI - FWD AND AFT CARGO DOOR SEAL
40789	<input checked="" type="checkbox"/>	W01900676-BBB	Task		52-200-00-01	OPC - DOOR SENSOR CHECK
40790	<input checked="" type="checkbox"/>	W01900677-BBB	Task		52-200-00-02	OPC - DOOR SENSOR CHECK
40791	<input checked="" type="checkbox"/>	W01900678-BBB	Task		55-824-01-01	EGVZ - HORIZ STAB - FRONT SPAR TO REAR SPAR - LEFT
40792	<input checked="" type="checkbox"/>	W01900679-BBB	Task		55-826-01-01	IGVZ - HORIZ STAB - FRONT SPAR TO REAR SPAR - LEFT
40793	<input checked="" type="checkbox"/>	W01900680-BBB	Task		55-838-02-01	EGVZ - HORIZ STAB - FRONT SPAR TO REAR SPAR - RIGHT
40794	<input checked="" type="checkbox"/>	W01900681-BBB	Task		55-840-02-01	IGVZ - HORIZ STAB - FRONT SPAR TO REAR SPAR - RIGHT

Work Package Info:

WP Number: WP190249-BBB WP Date: 16-Aug-2019 Inited By: MIR

Plan Date: 31-Aug-2019 Flight Date: 02-Sep-2019 MRO Code: NA STA:

WP Description: 6A-CHECK

Cancel W/P Close W/P Comply W/P

WP Completion:

Task's WO Completion Data:

Compl. Date: 04/04/2020 Hour: 00 Minute: 00 Attach Comply

Mechanic ID:

Action Note:

Defer TC Add W/O

1. If during the Work Order completion, other tasks to be done have emerged, you should register an Additional Work Order by clicking on "Add WO".

Additional Work Order Editor:

ID:	CreateDate:	Complaint Note:	Rll:	ARA:	Recommendation Note:	PN:	SN:	Close_Date:	Close_By:	Status:
17	4/4/2020	PASSED			USE SUPPLEMENTARY AMM					0

Found 10 DWO's

ADD WO Number:
 ATA CH: SC: Rll: ARA: Zone:

Title: *

Complaint Note: *

P.N: S.N:

Recommendation: *

Reasons and Other Reliability Data:

Card Number or PN: * Requirement Number:

Reasons:

Malfunction: Structure: Other:
 Adjustment: Dents:
 Contamination: Cracks:
 Leak: Wear:
 Servicing: Corrosion:
 Lubrication: Broken:
 Sealing: Painting:
 Tire Pressure: Missing:

Est. MHR's:

ADD WO Completion Data:

Compl. Date: * Hour: * Minute: *
 Mechanic ID: * :Replacement
 Action Note: *

2. WO number will be automatically generated. Enter ATA chapter. If it is necessary check box Rll (Required Inspection Item) and ARA (Additional Repair Agreement).

3. Fill out Task – Title, Complaint Note. You can if necessary, enter part number and serial number.

4. Fill out Recommendation.

5. Click on the Add button to save.

6. In the upper side Additional Work Order Editor the save will be appeared. Highlight the line.

7. Make a change if necessary, and click on the Update.

8. To remove created supplementary WO, click on the Delete.

9. To reset all data, click on the Refresh.

10. To close Editor, push Close button.

11. To complete an additional Work Order, select a Completion Date, Man-Hours/Minutes, a Mechanic ID; and click on Comply button.

The screenshot displays the 'Aircraft Actual Structure' software interface. The 'Defer WO Editor' panel is the central focus, containing the following fields and elements:

- NRC Number:** 2004001
- NRC Remark:** DEFERRED COMPLETION OF WO: WO1900655-BIZ; TASK: 1907864 FOUND AFT GALLEY #402 COMPARTMENT ACCESS DOOR HAS DAMAGE
- NRC Recommendation:** PERFORM DEFERRED TASK: 1907864 FOUND AFT GALLEY #402 COMPARTMENT ACCESS DOOR HAS DAMAGE
- NRC Action:** PERFORM TASK: 1907864 FOUND AFT GALLEY #402 COMPARTMENT ACCESS DOOR HAS DAMAGE
- MEL:** Active Ref.: Time Limit
- ATA:** 25-30
- Reason:** P E T M R
- Issued by:** DUN
- Date of Issue:** 04-Apr-2020
- Est. M Hr's:** 0.3
- Est. Down Hr's:** 0.3
- Approved By:** DUN
- Defer Due Date:** 25-Oct-2019
- Calculated Due Date:** 15-Oct-2019
- Remainings:** 28 DY

The 'Work Package Info' panel on the right includes:

- WP Number:** WP190249-BBB
- WP Date:** 16-Aug-2019
- Issued By:** MIR
- Plan Date:** 31-Aug-2019
- Final Date:** 02-Sep-2019
- MRO Code:** HA
- STA:** [Dropdown]
- 6A-CHECK:** [Buttons: Cancel WVP, Close WVP, Comply WVP]
- WP Completion:** [Buttons: Attach, Comply]
- Mechanic ID:** [Dropdown]
- Action Note:** [Text Area]
- Buttons:** Defer TC, Add WVO

Numbered callouts in the image point to:

- 12: Defer TC button in the Action Note section.
- 13: NRC Remark field.
- 14: NRC Recommendation field.
- 15: Reason field (P E T M R).
- 16: Approved By field (DUN).
- 17: Defer Due Date field (25-Oct-2019).
- 18: Confirm button at the bottom of the Defer Due Editor.

12. If due to some reasons a selected task cannot be completed right now, it is possible to defer its completion by clicking on “Defer TC”. Automatically the system will register a new NRC (non-routine card) for a deferred task, it is orange in the list.

5. NRC Remark, Recommendation and Action will be automatically entered and can be changed, if necessary.

6. Make references to MEL (a Minimum Equipment List) with its category.

7. Select reasons of the deferment:

- P-pilot remark
- E-lack of equipment
- T-lack of time
- M-lack of materials
- R-lack of recourses

The screenshot displays the 'Aircraft Actual Structure' software interface. The main window shows a list of work orders (WOs) on the left and a 'Defer WO Editor' window in the center. The 'Defer WO Editor' window contains the following information:

- NRC Number:** 2004001
- NRC Remark:** DEFERRED COMPLETION OF WO: WO1900655-BIZ; TASK: 1907864 FOUND AFT GALLEY #402 COMPARTMENT ACCESS DOOR HAS DAMAGE
- NRC Recommendation:** PERFORM DEFERRED TASK: 1907864 FOUND AFT GALLEY #402 COMPARTMENT ACCESS DOOR HAS DAMAGE
- NRC Action:** PERFORM TASK: 1907864 FOUND AFT GALLEY #402 COMPARTMENT ACCESS DOOR HAS DAMAGE

Below the 'Defer WO Editor' is the 'Defer Due Editor' window, which includes:

- MEL:** Active Ref.: Time Limit
- ATA:** 25-30
- Reason:** P E T M R
- Issued by:** DUN
- Date of Issue:** 04-Apr-2020
- Est. MHR's:** 0.3
- Est. Down Hr's:** 0.3
- Approved By:** DUN

The 'Defer Due Editor' also shows dates and calculated values:

- AC Total Date:** 19-Mar-2020
- AC Total FH:** 49202.55
- AC Total FC:** 22063
- WO Due Date:** 15-Oct-2019
- WO Due FH:**
- WO Due FC:**
- Defer Due Date:** 25-Oct-2019
- Calculated Due Date:** 15-Oct-2019
- Remainings:** 28 DY

Numbered callouts (12-18) point to specific UI elements: 12 (Defer TC button), 13 (Remark text), 14 (Recommendation text), 15 (Reason dropdown), 16 (Approved By dropdown), 17 (Defer Due Date calendar), and 18 (Confirm button).

8. Write down estimated man hours (Est. MHR's), estimated down hours (Est. Down Hr's), a man, who issues and approves (Issued by/ Approved by).

9. Information in the Deferred WO Editor will be displayed automatically and cannot be changed, except the 'Defer Due FH' filed (it is calculated as 'WO Due FH' + 50 FH by default).

10. To save the deferment, click on, and the new NRC will be transferred to a Planning sub-module ('DEF' Items).

3. Components Replacement Completion

The screenshot displays the 'Aircraft Actual Structure' application interface. At the top, it shows the user ID 'DUN - Full Control' and an 'APU' button. Below this is a 'Selection:' section with various filters for AC Reg., AC Family, AC Type, SN, AC MFR. Date, STA, Total Date, Total FH, Total FC, Code ICAO, and Operator Name. The main area is divided into two primary sections: 'WP Completion' and 'WP Components'.

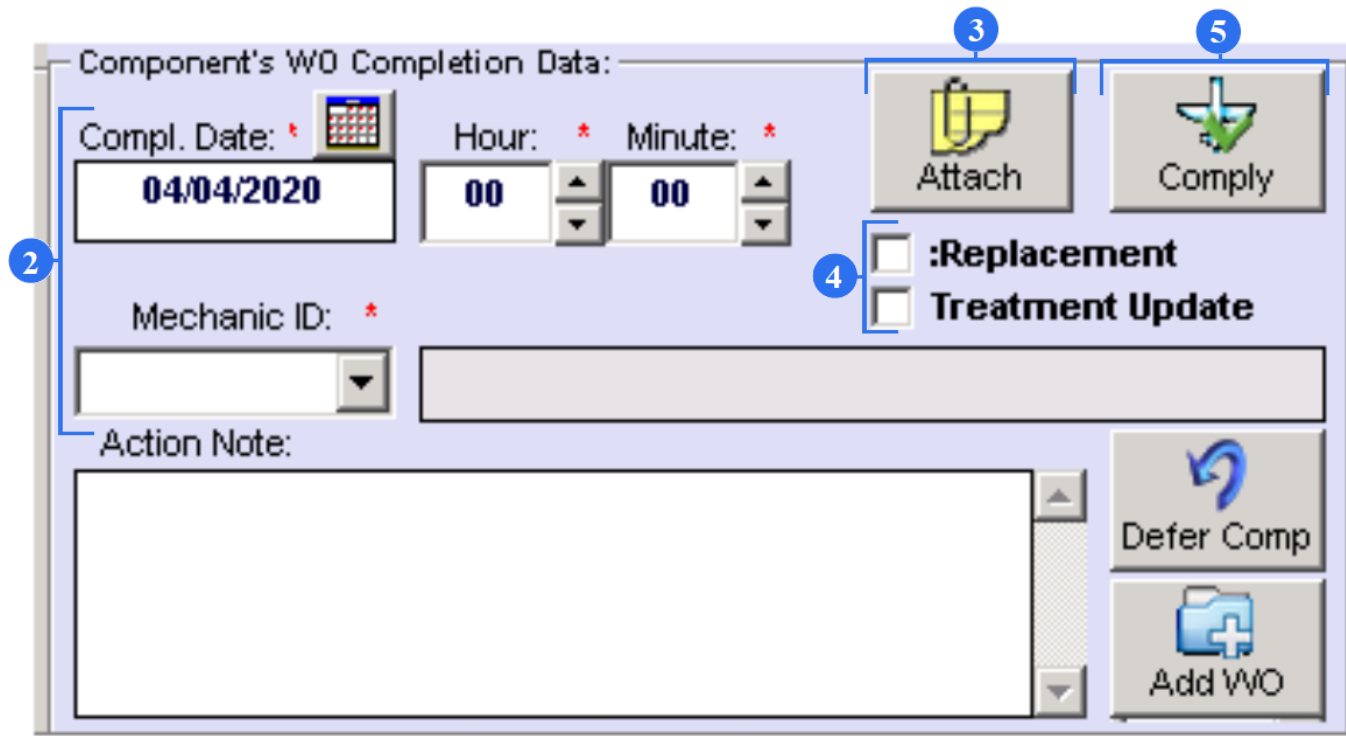
The 'WP Completion' section on the right contains 'Work Package Info' for WP Number 'WP200009-BBB', WP Date '04-Apr-2020', and created by 'DUN'. It also shows Plan Date, Finish Date, MRO Code, and STA. Below this is a 'WP Completion:' section with 'Task's WO Completion Data' including a completion date of '04-Apr-2020' and time '00:00'. It includes fields for Mechanic ID, Action Note, and buttons for 'Attach', 'Comply', 'Defer TC', and 'Add WVO'.

The 'WP Components' section at the bottom left features a table with the following data:

ID	Comply	WVO	WVO_Source	ADD_WVO	IPC_Pos	Position	Pos_Description	PN	Serial_Number
42602	<input checked="" type="checkbox"/>	WVO2000046-BBB	COMP		32-11-00-02-5	RH	INSTALLATION - MLG RH (-700-800, -900)	161A0001-6	MALD1706Y0840

A blue circle with the number '1' is overlaid on the 'Comply' checkbox for the first row of the table.

1. WP Components List displays all components with replacement, transferred to Work Order in the Planning sub-module from the 'Component Schedule' on the bottom. To register replacement completion, select component's check box in the list and work with it in the Editor.



The screenshot shows a software interface for entering completion data for a component's work order. The form is titled "Component's WO Completion Data:" and contains the following fields and controls:

- 2**: "Compl. Date:" field with a calendar icon, showing the date "04/04/2020".
- "Hour:" and "Minute:" spinner controls, both set to "00".
- 3**: "Attach" button with a folder icon.
- 5**: "Comply" button with a green arrow icon.
- 4**: Two checkboxes: ":Replacement" and "Treatment Update".
- "Mechanic ID:" dropdown menu.
- "Action Note:" text area.
- "Defer Comp" button with a blue circular arrow icon.
- "Add WO" button with a blue folder and plus icon.

2. Select a Completion Date, Man-Hours/Minutes, a Mechanic ID.

3. It is possible to attach any references to the Work Order by clicking on Attach button.

4. Select the 'Replacement' check box, when a replacement should be done. After clicking on Comply, a 'Component Replacement Registration' Editor opens. If you view already registered component replacement, information note emerges: **“Component Replacement Done”**. Also, you can select “Treatment Update” check box, when treatment should be done.

5. Click on the “Comply”.

6. To remove a component, highlight it in the Positions window.

7. If it is necessary to supplement data, you can do it.

8. After click on the Update.

9. Then push Remove button.

10. To install the component, highlight it in the Positions window.

11. Supplement editor by data.

12. After click on the Save.

13. Then push Remove button.

Close the window and click again Comply button.
(item 5)

4. Components tab

The screenshot shows the 'Aircraft Actual Structure' application window. At the top, there are navigation buttons for 'Close' and 'Help'. Below that is a 'Selection:' section with various input fields for aircraft details like 'AC Reg: VQ-BBB', 'AC Type: B737-800', 'SN: 88888', 'AC MFR Date: 5/1/2001', 'STA: VKO', 'Total Date: 19-Mar-2020', 'Total FH: 49202.55', 'Total FC: 22863', 'Code ICAO: SYL', and 'Operator Name: DEMO'. Below this is a 'WP - Work Package:' section with tabs for 'Components' (selected), 'EC - Engineering Orders', and 'APU'. A 'Components:' section contains filter options and a 'Found: 187 Major IPC Pos:' indicator. The main area is a table titled 'Components Position Structure:' for aircraft 'VQ-BBB'. The table has columns for ID, description, part number, and status. A blue circle '1' points to the 'Components' tab in the top navigation bar. A blue circle '2' points to a specific row in the table: '12880 21-51-21-01 LH RAM AIR ACTUATOR - LH 541674-4 99-8369 OH N 49088.15 22036 11-Sep-2019 F'. Below the table, there is a detailed view of the selected component, showing 'Install WP: WP190304-BBB COMPONENT Unscheduled Replacement; WP Date: 9/11/2019; Completion: 9/11/2019 49088.15 FH; 22036 FC; WO: W01900783-BBB TLOC: 56903-3 Remarks: COMP' and a list of related components and their details.

1. In the Aircraft Actual Structure screen select Components tab.

2. If some mistakes were made in the Initializing sub-module, they can be corrected here. To open an editor, right click a component. Additional data is also displayed:

- Time (Cycles) Since Installation/ New/ Overhaul/ Repair
- Treatments.

3. Data in the Actual Component Editor will be the same as in the Component Position Initializing tab (the Initializing sub-module).

4. To save updated information, click on the Save.

5. To exit the Editor, click on the Close.

6. To view component's treatment, highlight it:

- green –treatment completion is not overdue;
- red–treatment completion is overdue.

7. Use filters for component search:

- IPC Position filter
- Part Number filter
- Serial Number filter
- Part Number Description filter
- Sub-Assy
- Removed
- Unsch
- Robbed

When 'Sub-Assy' check box is selected, applying filters display sub-components also; When 'Sub-Assy' check box is not selected, applying filters display main assembly's components. "Removed" field is for history info, "Unsch" field applies to removed (unscheduled) components and "Robbed" field applies to removed (robbed) components.

The screenshot shows the 'Aircraft Actual Structure' software interface. At the top, there are tabs for 'WP - Work Package', 'Components', and 'EC - Engineering Orders'. Below this, there are various filter fields and checkboxes. The main area displays a list of components with columns for Part Number, Description, Treatment, and Date. A component with Part Number 11725 is highlighted in blue, and a blue circle with the number '7' is placed over its description. Another component with Part Number 7403 is highlighted in green, and a blue circle with the number '6' is placed over its description. The interface also shows a tree view on the left side of the component list.

Aircraft: Actual Structure User ID: DUN - Full Control

Close Help

Selection: AC Req: **VQ-BBB** AC Family: **B737-HG** AC Type: **B737-800** S/N: **88888** AC MFR. Date: **5/1/2001** STA: **VKO** Total Date: **19-Mar-2020** Total FH: **49202.55** Total FC: **22063** Code ICAO: **SVL** Operator Name: **DEMO**

WP - Work Package **Components** **EC - Engineering Orders**

Components: Filter IPC Position: Filter PN: Filter SN: Filter Description: Sub-Assy: Removed: Unsch: Robbed: **SWAP** Print Print Full Removal Replacement Attach - 1

Found: 187 Major IPC Pos:

6879	21-51-21-01	RH	RAM AIR ACTUATOR - RH	541674-4	11213	REP	INITIAL	42826	20606	09-Mar-2018
11791	21-60-51-01	01	ZONE TEMPERATURE CONTROL UNIT - 01	622814-5	622814-05749	REPAIRED	Y10086	48110.2	21827	24-Jun
9364	21-61-20-01	03	AFT CABIN TRIM AIR VALVE	398908-3	15337	OH	VTS	44574.5	21039	28-Jul-2018
10148	22-11-34-01		AUTIPILOT MODE CONTROL PANEL	4082260-937	97031082	REP	VTS	46169.55	21420	01-Dec-2018
8706	23-11-21-01	01	HF COMM TRANSMITTER - NO 1	822-0990-002	1XJCY	REP	VTS	44179.25	20935	28-Jun-2018
9443	23-11-61-01	01	HF ANTENNA COUPLER - NO 1	822-0987-003	173456	REP	VTS	44662.5	21061	02-Aug-2018
10680	23-24-02-03		FIXED ELT	453-5004	210-10696	MOD	050554	47416.35	21674	17-Apr-20
4566	23-32-01-61	01	VIDEO REPRODUCER - NO 1	743-0304-001	100674	REP	INITIAL	40736	20107	25-Aug-2017
4989	23-32-13-11	LH08	PSU VIDEO MONITOR - LH08	617-6265-001	5199	REP	INITIAL	40817.1	20130	31-Aug-20
4988	23-32-13-11	RH03	PSU VIDEO MONITOR - RH03	617-6265-002	4242	REP	INITIAL	40736	20107	25-Aug-2017
9440	23-51-02-01	02	AUDIO SELECTOR PANEL - 02	5145-1-64	11035	REP	VTS	44662.5	21061	02-Aug-2018
9441	23-51-02-01	03	AUDIO SELECTOR PANEL - 03	5145-1-64	7644	REP	VTS	44662.5	21061	02-Aug-2018
1804	23-71-11-01		COCKPIT VOICE RECORDER	980-6022-001	CVR120-03753	NEW	INITIAL	0	0	11-May-2001 FIN:
2379	24-11-11-01	LH	INTEGRATED DRIVE GENERATOR - LH	761574B	2765	REP	INITIAL	24898	NA	28-Feb-2010
2512	24-11-11-01	RH	INTEGRATED DRIVE GENERATOR - RH	761574B	1249	REP	INITIAL	22154	13637	16-Jan-2011
2380	24-11-61-01	LH	IDC QAD - LH	762246	DUMMY_4797_VQ-BIZ	REP	INITIAL	21994	13573	21-Oct-2010
2514	24-11-61-01	RH	IDC QAD - RH	762246	DUMMY_4901_VQ-BIZ_2265	REP	INITIAL	38700	19568	31-Jan-2017
11724	24-31-11-01-20	AFT	MAIN BATTERY	024147-000	109008	INS	050637	48006.3	21802	15-Jun-201

TSI: 1196.25 FH; TSN: NA FH; TSO: NA FH; TSR: NA FH;
CSI: 261 FC; CSM: NA FC; CSO: NA FC; CSR: NA FC;

Component Interchange - Swap Editor:

Selected Component: PN: **024147-000** SN: **109008**
IPC Position: **24-31-11-01-20** Pos.: **AFT**
Position Description: **MAIN BATTERY**

Selected Positions:

VQ-BBB
VQ-BBB - Select Component OUT:
11724 24-31-11-01-20 AFT MA

AC Req.: **VQ-BBB** Date: **19-Mar-2020** Total FH: **49202.55** Total FC: **22063**
TLOG Seq.:
Remarks:

Interchange Component: PN: SN:
IPC Position: Pos.:
Position Description:

Found Positions to Interchange-Swap:

VQ-BBB
VQ-BBB - Select Component to SWAP Between: :
11725 24-31-11-01-20 FW AU

AC Req.: **VQ-BBB** Date: **19-Mar-2020** Total FH: **49202.55** Total FC: **22063**
TLOG Seq.:
Remarks:

10 **11** Confirm Close

8. Two components can be swapped on each other's positions, passing through quick registration. Only components, having the one sub-components or without any, can be changed. Highlight a component.

9. Click on the SWAP button.

10. The system automatically generates an interchange component. The component can be from other aircraft also.

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

The screenshot displays the 'Aircraft Actual Structure' window. At the top, it shows 'User ID: DUN - Full Control'. Below this is a 'Selection' section with fields for AC Reg. (VQ-BBB), AC Family (B737-NG), AC Type (B737-800), S/N (88888), AC MFR. Date (5/11/2001), STA (VKO), Total Date (19-Mar-2020), Total FH (49202.55), Total FC (22063), Code ICAO (SYL), and Operator Name (DEMO). The 'Components' section shows a list of 187 major IPC positions. One component, 'RAM AIR ACTUATOR - LH' (part number 541674-4), is highlighted in blue. A callout '12' points to this row. To the right of the list are buttons for 'SWAP', 'Print', 'Print Full', 'Removal', 'Replacement', and 'Attach'. Callouts '13' and '14' point to the 'Print' and 'Removal' buttons respectively. Below the component list is a 'Component Out Data' section with various fields for removal and installation dates, flight hours, and flight cycles. Callout '16' points to the 'Removal FH' field. At the bottom, there is a 'Positions' window showing a tree view of the aircraft structure. Callout '15' points to a component in this view. To the right of the 'Component Out Data' section are buttons for 'Update' and 'Remove', with callouts '17' and '18' pointing to them respectively.

12. Highlight again any line.

13. Push Print button to print data of the component.

14. Click on the "Removal".

15. To remove the component, highlight it in the Positions window.

16. Supplement editor by data if necessary.

17. After click on the Update.

18. Then push Remove button.

5. Actual Engineering Controls

Selection: AC Ref.: [vq-BBB] AC Family: [B737-NG] AC Type: [B737-800] SN: [88888] AC MFR Date: [5/11/2001] STA: [VKO] Total Date: [19-Mar-2020] Total FH: [49202.55] Total FC: [22663] Code ICAO: [SVL] Operator Name: [DEMO]

WP - Work Package: Components [EC - Engineering Orders]

EC-Engineering Controls

Filter EC Number: [] EC Type: [] EC Reference: [] Ref. Type: [] Ref. Issued By: [] Criteria IPC Pos: [] Criteria PN: [] Effective: Finished: NOT Effective: Superseded: All: NOT INIT: [] DFP [] Attach - 1 []

Found: 99

ID	AC Ref.	AC Family	AC Type	SN	AC MFR Date	STA	Total Date	Total FH	Total FC	Code ICAO	Operator Name
87528	AD2006-21-01_0_I				10/10/2006						
66248	AD2007-25-03_0_F				12/10/2007						
17030	AD2008-03-09_0_F2				5/4/2015						
54357	AD2008-11-08_0_W2				5/29/2008						
13293	AD2009-01-02_0				7/17/2014						
16994	AD2010-01-05_0_F				5/6/2015						
86929	AD2011-12-13_0_C				7/11/2011						
17086	AD2011-18-10_0_0				7/20/2014						
17118	AD2011-18-10_0_0				7/20/2014						
50368	AD2011-27-03_0_C1-A-1				1/6/2012						
83160	AD2011-27-03_0_C1-A-2				1/6/2012						
13968	AD2011-27-03_0_C1-B				1/6/2012						
13407	AD2013-08-15_0_C				7/17/2014						
13409	AD2013-08-15_0_H				7/17/2014						
13415	AD2013-15-17_0				9/19/2013						
87218	AD2014-05-30_0_C				3/21/2014						
13435	AD2014-05-30_0_H				3/21/2014						
80060	AD2016-04-06_0_C1				2/26/2016						

Criteria - IPC Pos.: 00-00-00 AIRFRAME BOREING 737NG Remarks: INITIAL TEST SIMULTANEOUSLY WITH CONCURRENT REQUIREMENTS COMPLETION (DUE DATE IS 01.07.2020). AFTER THE INIT PN: 737-86N SN: 28645 INSTALLED: 2001-05-11; OFH: OFC

Repetitive Interval: 9000 FH; FH Compl.; FH Next Due.; A/C Counts

Fix Start Due Date: 01-Jul-2020; Date Next Due: 01-Jul-2020 Days Remains: 83

Reference: SE737-26A1137 1 8/28/2015 BOEING FIRE PROTECTION - CARGO BAY SMOKE DETECTION - EQUIPMENT COOLING SYSTEM SMOKE CLEARANCE MODE OPERATIONAL TEST FOR

Reference: AD2016-04-06 0 2/26/2016 FAA TO DETECT AND CORRECT LATENT FAILURES OF THE EQUIPMENT COOLING SYSTEM AND LOW PRESSURE ENVIRONMENTAL CONTROL SYSTEM,

1. In the Aircraft Actual Structure screen select “EC-Engineering Orders” tab.

2. The displayed Engineering Controls are taken from the Initializing sub-module (the EC initializing tab). If some mistakes were made in the Initializing sub-module, they can be corrected here. To open an editor, right click an Engineering Control. Additional data is also displayed:

- IPC Position
- Part Number
- Repetitive Interval
- green –completion is not overdue
- red–completion is overdue

Actual Task Editor

Selected Task:

Task: **AD2016-04-06_0_G1** Basic Task: [] Type: **EC** Task Type: **AIRFRAME** Base: **N** AC Reg.: **VQ-BBB**

JIC: [] Shortage Number: [] Select [] MNR: **0**

IPC Position: **00-00-00** Pos.: [] Position Description: **AIRFRAME BOEING 737NG**

Task Description: **FIRE PROTECTION - CARGO BAY SMOKE DETECTION - EQUIPMENT COOLING SYSTEM SMOKE CLEARANCE MODE OPERATIONAL TEST FOR CARGO SMOKE PROTECTION**

Task Description: **FIRE PROTECTION - CARGO BAY SMOKE DETECTION - EQUIPMENT COOLING SYSTEM SMOKE CLEARANCE MODE OPERATIONAL TEST FOR CARGO SMOKE PROTECTION**

EC Reference: **6084 B SB737-26A1137 1 8/28/2015 FIRE PROTEC** **6351 A AD2016-04-06 0 2/26/2016 FIRE PROTEC**

EC Criteria: **10229 3645 00-00-00 AIRFRAME BOEING 737**

MFR. Date: **2001-05-11** AC INST. Date: **2001-05-11** AC INST. FH: **0** AC INST. FC: **0**

PN: **737-8** SN: **28645**

Materials: [] Tools - Equipment: [] Panels: []

Intervals - Last Completion - Next Due Parameters:

Start Threshold: FH: [] FC: [] DY: [] MO: [] YR: [] FXD DUE DATE: **7/12/20**

Interval: FH: **3000** FC: [] DY: [] MO: [] YR: [] With Interval Comes Last Completed By Component

Final Threshold: FH: [] FC: [] DY: [] MO: [] YR: []

Task Completion Data:

Compl. Date: [] Next Due Date: **01-Jul-2020** AC Total Date: **19-Mar-2020** AVG FH: **12.50** AVG FC: **3.00**

Compl. FH: [] Next Due FH: [] AC Total FH: **49202.55** Current Remainings: **288 DY**

Compl. FC: [] Next Due FC: [] AC Total FC: **22063** Calculated Remainings: []

Remarks (reason): **NOT Effective:** **Terminate:** **Superseded:** []

INITIAL TEST SIMULTANEOUSLY WITH CONCURREN 5 REQUIREMENTS COMPLETION (DUE DATE IS 01.07.2020). AFTER THIS INTERVAL IS 9000 FH.

Buttons: **Attach - 1** **Save** **Calculate** **Update** **History** **Close**

3. Data in the Actual Task Editor will be automatically generated from the EC submodule (this data cannot be changed-all fields are grey-coloured) and from the EC Initializing tab (the Initializing sub-module).

4. In case of incorrect data input in the EC Initializing Editor, all mistakes can be corrected in the Task Completion Data. You can also set up completion dates(FHs)/ next due dates (FHs)for not effective ECs.

5. Select a 'Terminate' check box, if the EC completion should be finished, but still be available for its returning back anytime. After termination, the EC will be displayed in the 'Finished' Aircraft Schedule (the Planning sub-module). This option is usually used for seasonal ECs and others. Select a 'Not Effective' check box, if the EC is not effective; after this action, the EC cannot be returned back. Select "Superseded" check box and task will be closed in Planning.

Actual Task Editor

Selected Task:

Task: **AD2016-04-06_0_G1** Basic Task: [] Type: **EC** Task Type: **AIRFRAME** Base: **N** AC Reg.: **VQ-BBB**

JIC: [] Shortage Number: [] Select [] MNHR: **0**

IPC Position: **00-00-00** Pos.: [] Position Description: **AIRFRAME BOEING 737NG**

Task Description: **FIRE PROTECTION - CARGO BAY SMOKE DETECTION - EQUIPMENT COOLING SYSTEM SMOKE CLEARANCE MODE OPERATIONAL TEST FOR CARGO SMOKE PROTECTION**

PN: **737-800** SN: **28645**

MFR. Date: **2001-05-11** Col. No.: **NEW** AC INST. Date: **2001-05-11** AC INST. FH: **0** AC INST. FC: **0**

EC Reference: **6094 B SB737-26A1137 1 8/28/2016 FIRE PROTEC**
6351 A AD2016-04-06 0 2/26/2016 FIRE PROTEC

EC Criteria: **10229 3645 00-00-00 AIRFRAME BOEING 737**

Materials: [] Tools - Equipment: [] Panels: []

Reference: [] **Attach - 1** [] **Save**

Intervals - Last Completion - Next Due Parameters:

Start Threshold: FH: [] FC: [] DY: [] MO: [] YR: [] FX DUE DATE: **7/12/20**

Interval: FH: **5000** FC: [] DY: [] MO: [] YR: [] 3/10/10 Start Comes Last Completed By Composite

Finish Threshold: FH: [] FC: [] DY: [] MO: [] YR: []

Task Completion Data:

Compl. Date: [] Next Due Date: **01-Jul-2020** AC Total Date: **19-Mar-2020** AVG FH: **12.50** AVG FC: **3.00**

Compl. FH: [] Next Due FH: [] AC Total FH: **49202.55** Current Remains: **288 DY**

Compl. FC: [] Next Due FC: [] AC Total FC: **22063** Calculated Remains: []

Remarks (reason): **NOT Effective:** **Terminate:** **Superseded:** []

INITIAL TEST SIMULTANEOUSLY WITH CONCUREN REQUIREMENTS COMPLETION (DUE DATE IS 01.07.2020). AFTER THIS INTERVAL IS 9000 FH.

Update [] **Close** []

6. To save updated information, click on Update.

7. It is also possible to attach any documents by clicking on Attach.

8. To exit the Editor, click on Close.

AIRCRAFT'S INITIALIZING

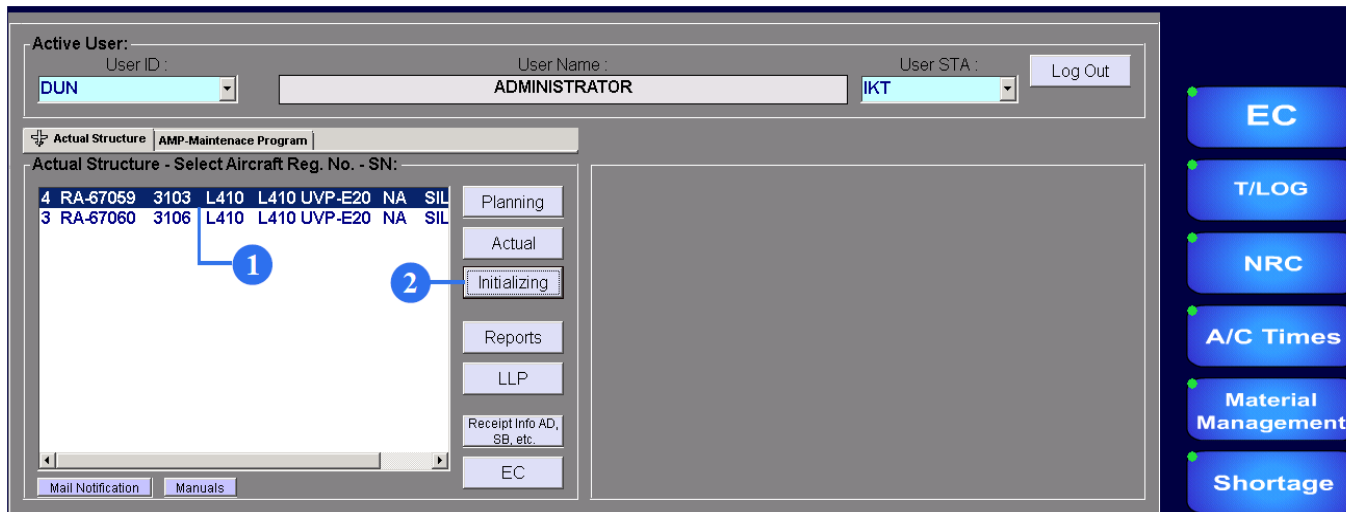
User Guidance

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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

1

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'. A blue box with a circled '1' points to the 'Tasks Initializing' tab. Below the tabs, the 'Checks-Tasks Maintenance Model' section is active, showing a table of tasks with columns for ID, Selected, ATA, TASK, BASIC_TASK, and TASK Title. The 'Tasks Initializing Editor' on the right displays details for a selected task, including 'SELECTED CHECK (PHASE), TASK' and '1; Rev.: ISSUE 3 REVISION 0; Date: 03-Aug-2018 - Aircraft Maintenance Plan:'. At the bottom right, there are fields for 'Compl. Date', 'Compl. FH', 'Compl. FC', and 'Latest Found Date', along with 'Not Effective' and 'Update All Tasks' checkboxes, and 'Preview' and 'Confirm' buttons.

ID	Selected	ATA	TASK	BASIC_TASK	TASK Title
166	<input type="checkbox"/>	21	21-051-07-01	21-051-07	PERFORM A HEAT EXCHANGER
187	<input type="checkbox"/>	23	23-024-01-03	23-024-01	DISCARD THE EMERGENCY LO
191	<input type="checkbox"/>	23	23-071-03-01	23-071-03	REPLACE THE VOICE RECORD
200	<input type="checkbox"/>	24	24-031-01-01	24-031-01	TEST (OFF-AIRCRAFT) MAIN BAT
201	<input type="checkbox"/>	24	24-031-02-01	24-031-02	TEST (OFF-AIRCRAFT) APU BAT
207	<input type="checkbox"/>	24	24-311-04-01	24-311-04	PERFORMAN OPERATIONAL CI
1352	<input type="checkbox"/>	24	24-311-04-02	24-311-04	PERFORMAN OPERATIONAL CI
1353	<input type="checkbox"/>	24	24-311-04-03	24-311-04	PERFORMAN OPERATIONAL CI
1354	<input type="checkbox"/>	24	24-311-04-04	24-311-04	PERFORMAN OPERATIONAL CI
234	<input type="checkbox"/>	25	25-061-01-01	25-061-01	RESTORE (OFF-AIRCRAFT) THE
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-AI
239	<input type="checkbox"/>	25	25-063-04-01	25-063-04	DISCARD THE EMERGENCY LO
240	<input type="checkbox"/>	25	25-064-00-01	25-064-00	DISCARD THE PROTECTIVE BR
244	<input type="checkbox"/>	25	25-068-03-02	25-068-03	REMOVE UPPER DECK FLOOR
276	<input type="checkbox"/>	26	26-021-16-01	26-021-16	REPLACE THE ENGINE FIRE BC
277	<input type="checkbox"/>	26	26-022-01-01	26-022-01	REPLACE THE APU FIRE BOTTL
280	<input type="checkbox"/>	26	26-023-01-01	26-023-01	REPLACE LOWER CARGO COM
284	<input type="checkbox"/>	26	26-026-01-01	26-026-01	INSPECT THE PORTABLE HALO
285	<input type="checkbox"/>	26	26-026-03-01	26-026-03	INSPECT THE PORTABLE WATE
288	<input type="checkbox"/>	26	26-027-02-01	26-027-02	CHECK THE LAWTORY FIRE EX
381	<input type="checkbox"/>	31	31-031-03-01	31-031-03	REPLACE THE FLIGHT DATA RE
1440	<input type="checkbox"/>	34	34-012-02	34-012-02	PRESSURE ALTIMETRY SYSTEM
438	<input type="checkbox"/>	34	34-024-02-01	34-024-02	INTEGRATED STANDBY FLIGHT
443	<input type="checkbox"/>	35	35-011-03-01	35-011-03	CREW OXYGEN MASK/REGULAT
484	<input type="checkbox"/>	49	49-021-04-01	49-021-04	APU LOAD IMPELLER.

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

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: 2
 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:

<input checked="" type="checkbox"/>	105	1A	1A CHECK
<input checked="" type="checkbox"/>	109	1C	1C CHECK
<input checked="" type="checkbox"/>	106	2A	2A CHECK
<input checked="" type="checkbox"/>	110	2C	2C CHECK
<input checked="" type="checkbox"/>	107	3A	3A CHECK
<input checked="" type="checkbox"/>	111	3C	3C CHECK
<input checked="" type="checkbox"/>	119	4A	4A CHECK

381	<input type="checkbox"/>	31	31-031-03-01	31-031-03	REPLACE THE FLIGHT DATA RECORDER
1440	<input 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.

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.

Checks-Tasks Maintenance Model:

ID	Selected	ATA	TASK	BASIC_TASK	TASK_Title
187		23	23-024-01-03	23-024-01	DISCARD THE EMERGENCY LOCATOR TF
191		23	23-071-03-01	23-071-03	REPLACE THE VOICE RECORDER UNDE
200		24	24-031-01-01	24-031-01	TEST (OFF-AIRCRAFT) MAIN BATTERY CA
201		24	24-031-02-01	24-031-02	TEST (OFF-AIRCRAFT) APU BATTERY CAP
207		24	24-311-04-01	24-311-04	PERFORMAN OPERATIONAL CHECK OF T
1352		24	24-311-04-02	24-311-04	PERFORMAN OPERATIONAL CHECK OF T
1353		24	24-311-04-03	24-311-04	PERFORMAN OPERATIONAL CHECK OF T
234		25	25-061-01-01	25-061-01	RESTORE (OFF-AIRCRAFT) THE EMERGE
236		25	25-062-02-01	25-062-02	RESTORE THE LIFE JACKETS.
237		25	25-062-05-01	25-062-05	RESTORE THE LIFE RAFTS.
238		25	25-063-03-01	25-063-03	FUNCTIONALLY CHECK (OFF-AIRCRAFT)
239		25	25-063-04-01	25-063-04	DISCARD THE EMERGENCY LOCATOR TF
240	Y	25	25-064-00-01	25-064-00	DISCARD THE PROTECTIVE BREATHING
244		25	25-068-03-02	25-068-03	REMOVE UPPER DECK FLOOR MOUNTE
276		26	26-021-16-01	26-021-16	REPLACE THE ENGINE FIRE BOTTLE SQ
277		26	26-022-01-01	26-022-01	REPLACE THE APU FIRE BOTTLE SQUIB (
280		26	26-023-01-01	26-023-01	REPLACE LOWER CARGO COMPARTMEN
285		26	26-026-03-01	26-026-03	INSPECT THE PORTABLE WATER FIRE EX
288		26	26-027-02-01	26-027-02	CHECK THE LAVATORY FIRE EXTINGUISH
381		31	31-031-03-01	31-031-03	REPLACE THE FLIGHT DATA RECORDER
1440	Y	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.

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 Editor:
SELECTED CHECK (PHASE), TASK: 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:
Not Found Any Checks
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
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.

The screenshot displays the 'Aircraft's Initializing' application window. At the top, it shows the user 'DUN - Full Control' and the selected aircraft 'VP-BCI' with registration '32571' and code 'NA'. The main interface is divided into two panes. The left pane, titled 'Checks-Tasks Maintenance Model', shows a tree view of tasks. Task 164, 'YR 5 YR5 CALENDAR', is highlighted. The right pane, 'Tasks Initializing Editor', shows the details for this task, including a 'Start Threshold' of 5 YR and a 'Repetitive Interval' of 5 YR. Below the task details is an 'Initializing Data' section with fields for 'Compl. Date' (11-Aug-2018), 'Compl. FH' (71221.01), 'Compl. FC' (13344), and 'Latest Found Date' (10-Aug-2018). There are also buttons for 'Preview' and 'Confirm'. Blue circles with numbers 8, 9, 10, and 11 are overlaid on the interface to indicate specific steps in the process.

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: Reset 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.
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.: 13 14

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	

Due:

Not Effective:

Update All Tasks:

Remarks: INITIAL

Preview Confirm

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

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;

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:**

Remarks: INITIAL

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: 21

Filter Task: Filter Interval: FH Filter Check:

Task ID	Task Description	Interval	Filter Status
106	2A	2A CHECK	Checked
112	4C	4C CHECK	Checked
154	PHASE 9	7500 FH/ 18 MO	Not Effective
123	YR 1	1YR CALENDAR	Not Effective
164	YR 5	YR5 CALENDAR	Not Effective
Start Threshold: 5 YR;			
Repetitive Interval: 5 YR;			
234	25-061-01-01 RESTORE (OFF-AIRCRAFT) THE EMERGENCY EQUIPM		Not Effective
280	26-023-01-01 REPLACE LOWER CARGO COMPARTMENT FIRE BOTTLE SQUI		Not Effective
288	26-027-02-01 CHECK THE LAVATORY FIRE EXTINGUISHERS FOR WEIGHT		Not Effective
337	28-022-17-02 PERFORM A FUNCTIONAL CHECK (RESISTANCE MEASUREME		Not Effective
1440	34-012-02 PRESSURE ALTIMETRY SYSTEM (AIR DATA COMPUTER).		Not Effective
438	34-024-02-01 INTEGRATED STANDBY FLIGHT DISPLAY. Eff: IF INS		Not Effective
484	49-021-04-01 APIU LOAD IMPELLER. Eff: ALL.		Not Effective

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

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 Editor:
 Filter Task: Filter Interval: Filter Check: Filter Interval: FH

Checks-Tasks Maintenance Model:
 Task View: Check View: Not Effective: All:
 Filter Task: Filter Interval: Filter Check: Initialized:
 Filter Task: Filter Interval: Filter Check: 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
110	2C	2C CHECK
112	4C	4C CHECK
108	5A	5A CHECK
168	COMPONENTS CHANGE	INTERVAL NOTE: ENGINE OR COMPONENTS CHANGE
143	DY 1	1 DY CALENDAR
144	DY 2	2 DY CALENDAR
145	DY 3	3 DY CALENDAR
120	FC 100	100FC INTERVAL
131	FH 1200	1200 FH INTERVAL
141	FH 15000	15000 FH INTERVAL
233	FH 2000	2000 FH INTERVAL
160	FH 54000	54000 FH INTERVAL
137	FH 6250	6250 FH INTERVAL
138	FH 7500	7500 FH INTERVAL
157	PHASE 11	15000 FH/ 3 YR
154	PHASE 9	7500 FH/ 18 MO
166	VARIABLE INTERVAL	TASKS WITH A VARIABLE INTERVAL.
123	YR 1	1YR CALENDAR
128	YR 12	12YR CALENDAR
Repetitive Interval: 12 YR;		
320	28-011-03-01	PERFORM A FUNCTIONAL CHECK (RESISTANCE MEAS
327	28-015-02-01	PERFORM A FUNCTIONAL CHECK (RESISTANCE MEAS
358	28-043-02-01	INSPECT (DETAILED: VISUAL AND TACTILE) FOR
478	47-022-01-01	CENTER TANK CROSS VENT CHECK VALVE.
124	YR 2	2YR CALENDAR

Not Found Any Checks

Initializing Data:
 Compl.: Compl. Date: 11-Aug-2018 Compl. FH: 71221.01 Compl. FC: 13344 Latest Found Date: 10-Aug-2018
 Due: Total Date: 08-Jul-2019 Total FH: 72705.55 Total FC: 13621
 Remarks: INITIAL
 Not Effective: Update All Tasks:

Found 24 Checks; Found 49 Out of Check Tasks

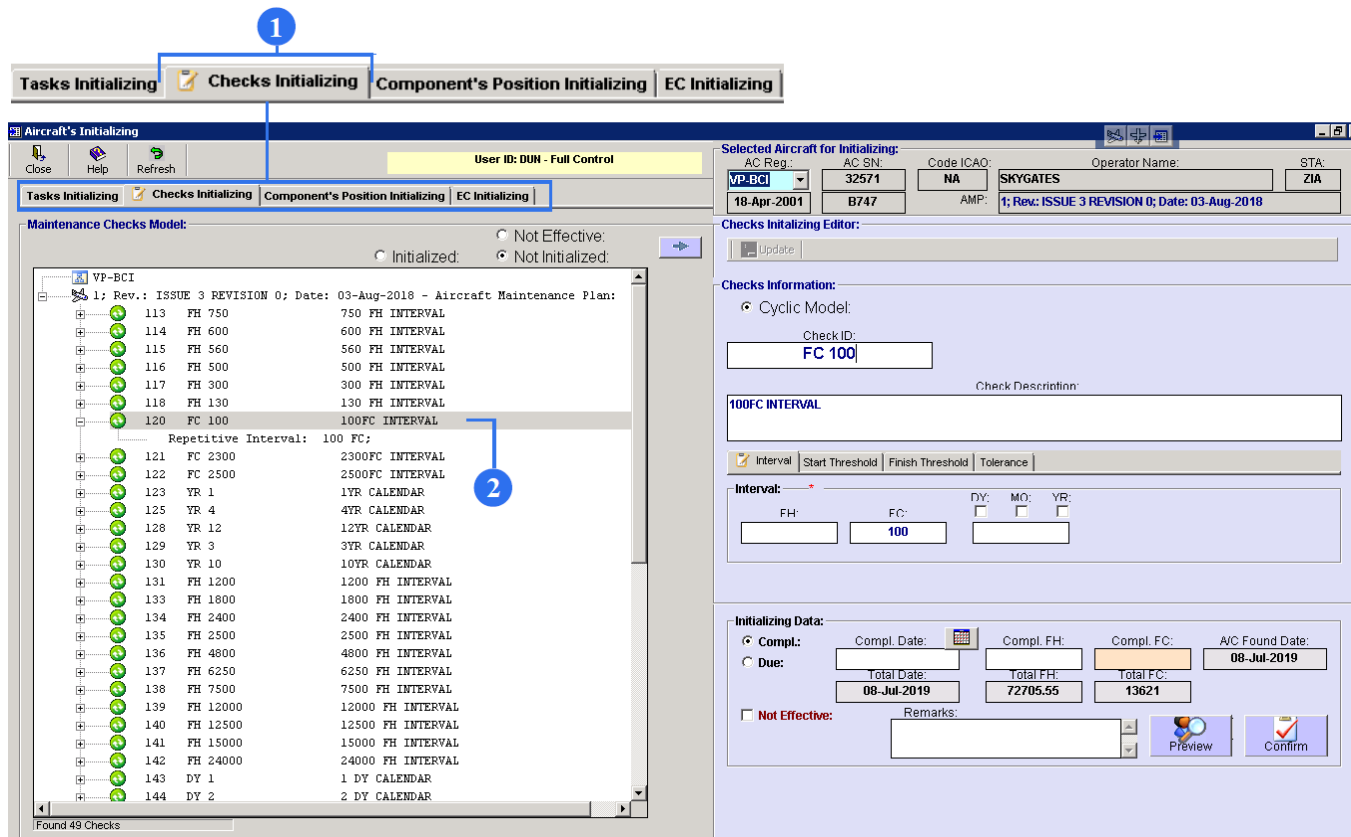
22. To remove Not Effectivity task select Check View. (it is possible only in this view).

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).



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:** **Not Effective:**

Compl. Date: 19-Aug-2019
Total Date: 14-Apr-2019

Compl. FH: 1642.27
Total FH: 1642.27

Compl. FC: 957
Total FC: 957

A/C Found Date: 14-Apr-2019

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.

4

Interval Start Threshold Finish Threshold Tolerance

Interval: *

FH: FC: DY: MO: YR:

Interval: [] [] [] [] [] []

5 6

Initializing Data:

9 Compl.: Due:

10 Not Effective:

7

Compl. Date: A/C Found Date:

Total Date: Total FH: Total FC:

Remarks:

8 11

Preview Confirm

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.

The screenshot shows the 'Aircraft's Initializing' application window. At the top, there are four tabs: 'Tasks Initializing', 'Checks Initializing', 'Component's Position Initializing' (highlighted with a red circle and the number '1'), and 'EC Initializing'. Below the tabs, the 'Selected Aircraft for Initializing' section displays: AC Reg: RA-67059, AC SN: 3103, Code ICAO: NA, Operator Name: SILA, STA: IKT, 11-Mar-2017, L410, AMP: 1; Rev: 0; Date: 03-Dec-2018. The 'Component Initializing Editor' section shows a list of components with a search bar and filters. The 'Initializing Data' section contains various date and numerical fields for installation, total flight hours, and condition.

IPC Position	Part Number	Description
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
3	31-12-00-4-64	Temperature indicator
49	32-30-00-1-16	Hand - operated valve -Landing
101	32-40-00-1-5	Манометр двухстрелочный
164	61-10-00-1	ВОЗДУШНЫЙ ВИНТ (PROPELLER)
165	61-10-00-1	ВОЗДУШНЫЙ ВИНТ (PROPELLER)
162	70-00-00	ДВИГАТЕЛЬ (ВКЛЮЧАЯ АГРЕГАТ)
163	70-00-00	ДВИГАТЕЛЬ (ВКЛЮЧАЯ АГРЕГАТ)
160	79-30-00-1-3	ТРЕХСТРЕЛОЧНЫЙ УКАЗАТЕЛЬ-Л
67	79-30-00-1-3	ТРЕХСТРЕЛОЧНЫЙ УКАЗАТЕЛЬ-П

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 БИНГ (PROPELLER)
165	61-10-00-1	RH		ВОЗДУШНЫЙ БИНГ (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

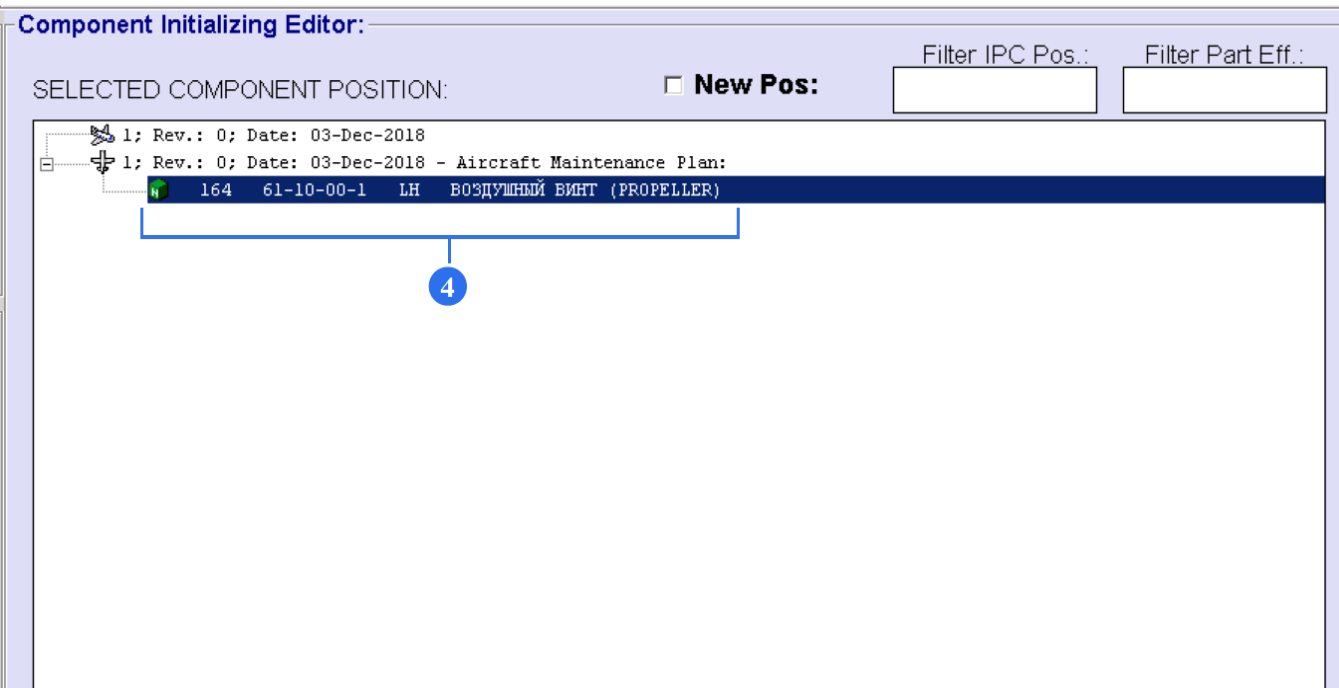
2

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



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

Highlight the line.

Initializing Data:

5. A/C Install Date: 03-Nov-2017

6. Install FH: 0 FC: 0

7. A/C Total Date: 14-Apr-2019

8. Total FH: 1642.27 FC: 957

9. TSI: 0 CSI: 0 CALCULATED: 1642.27 957

10. TSN: 0 CSN: 0

11. TSOH: 0 CSOH: 0

12. TSR: 0 CSR: 0

13. TAPU: 0 CAPU: 0

A/C Found Date: [] Update All Components: 10

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: []

Buttons: Save (12), Confirm (13)

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: <input type="text" value="03-Nov-2017"/>	Install FH: <input type="text" value="0"/> FC: <input type="text" value="0"/>	A/C Found Date: <input type="text"/>	<input type="checkbox"/> Update All Components:
A/C Total Date: <input type="text" value="14-Apr-2019"/>	Total FH: <input type="text" value="1642.27"/> FC: <input type="text" value="957"/>	PN: <input type="text" value="LUN 5610.01.8"/>	<input type="checkbox"/> Not Effective:
TSI: <input type="text" value="0"/> CSI: <input type="text" value="0"/>	CALCULATED: <input type="text" value="1642.27"/> <input type="text" value="957"/>	SN: <input type="text" value="DUMMY_3_RA-67059"/>	<input type="checkbox"/> Save <input type="checkbox"/> Confirm
TSN: <input type="text" value="0"/> CSN: <input type="text" value="0"/>	<input type="text" value="1642.27"/> <input type="text" value="957"/>	Condition: <input type="text" value="NEW"/> Cert. Date: <input type="text" value="NA"/> MFR. Date: <input type="text" value="NA"/>	
TSOH: <input type="text" value="0"/> CSOH: <input type="text" value="0"/>	<input type="text" value="1642.27"/> <input type="text" value="957"/>	Cert. Type: <input type="text" value="INITIAL"/> Cert. Number: <input type="text" value="INITIAL"/>	
TSR: <input type="text" value="0"/> CSR: <input type="text" value="0"/>	<input type="text" value="1642.27"/> <input type="text" value="957"/>	TAG: <input type="text" value="INITIAL"/> Approval Refer.: <input type="text" value="INITIAL"/>	
TAPU: <input type="text" value="0"/> CAPU: <input type="text" value="0"/>	<input type="text" value="0"/> <input type="text" value="0"/>	Major SV Date: <input type="text"/>	

- 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:

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
163	70-00-00	RH	ДВИГАТЕЛЬ (ВКЛЮЧАЯ АГРЕГАТМ)
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

3 TSLC: 0 CSLC: 0

3 Compl. Date: * 03-Nov-2017

MFR. Date: NA

2 TSN: 1642.27 CSN: 957 Calendar: NA

6 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 = 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;

A/C Treatment Data:

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

TSLC: 0	CSLC: 0	INTERVAL:		
Compl. Date: * 03-Nov-2017	FH: 5000.00	FC: 0	Calendar: 0	

MFR. Date: NA	TSN: 1642.27	CSN: 957	Calendar: NA
------------------	-----------------	-------------	-----------------

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

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:

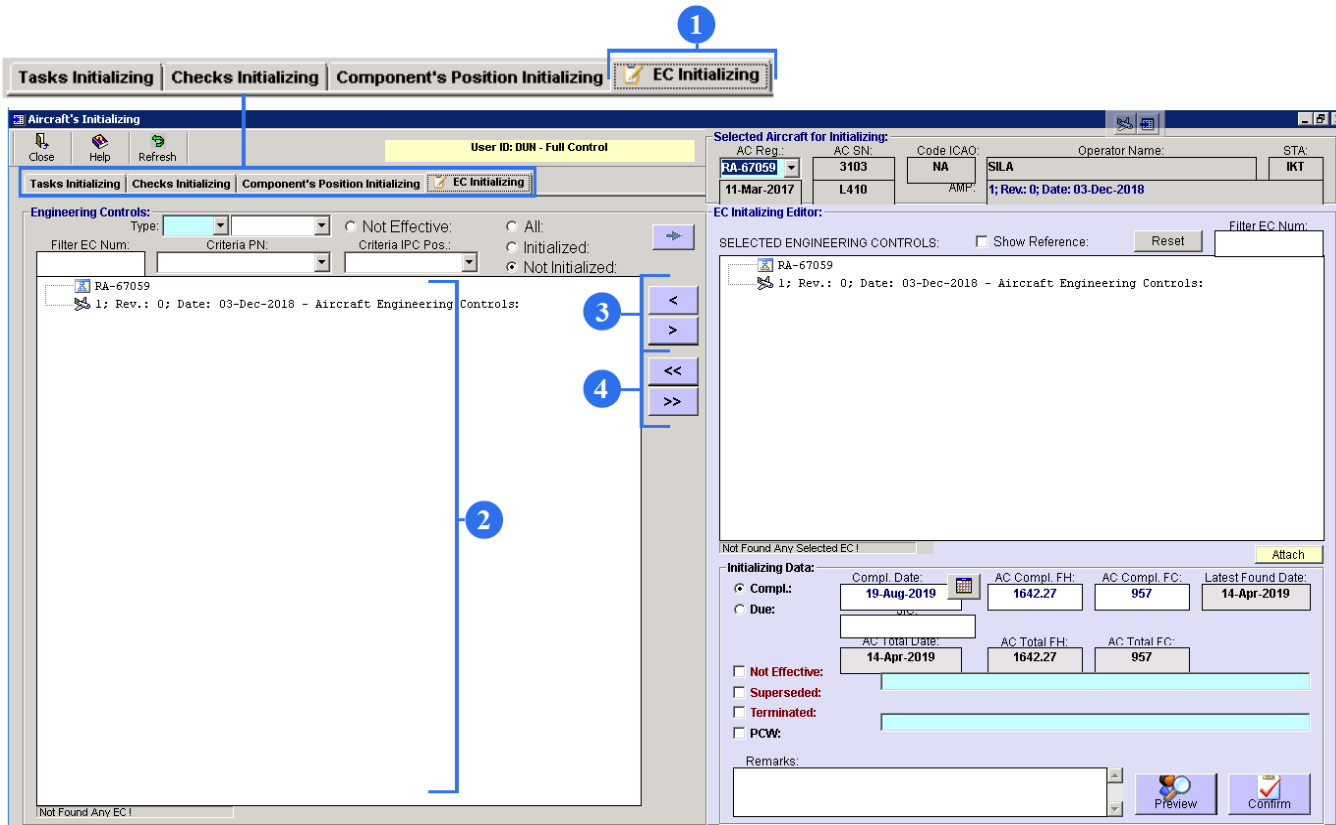
FH: Total FH - Installation FH

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

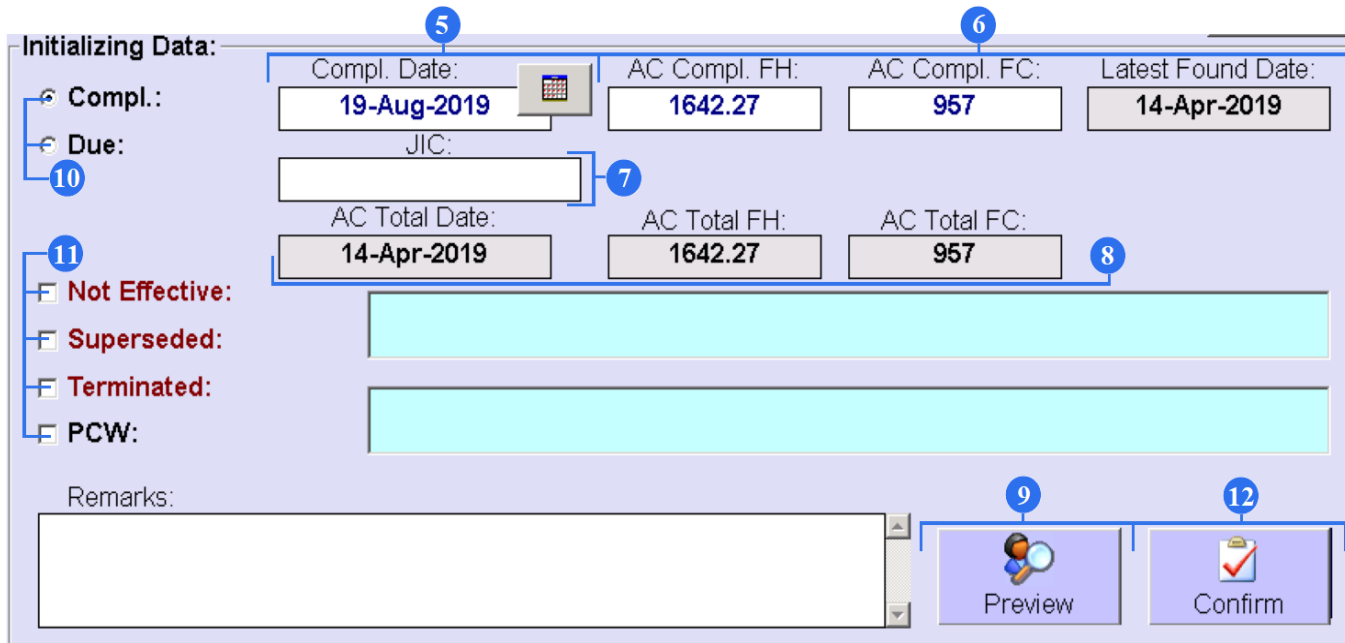


1. To open Engineering Controls screen push on the EC Initializing.

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**: Compl. Date: 19-Aug-2019
- 6**: AC Compl. FH: 1642.27
- 6**: AC Compl. FC: 957
- Latest Found Date: 14-Apr-2019
- 10**: Due: (checkbox)
- 7**: JIC: (text field)
- 11**: AC Total Date: 14-Apr-2019
- 8**: AC Total FH: 1642.27
- 8**: AC Total FC: 957
- 9**: Preview button
- 12**: Confirm button

Additional form elements include:

- Not Effective: (checkbox)
- Superseded: (checkbox)
- Terminated: (checkbox)
- PCW: (checkbox)
- Remarks: (text area)

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:

5	Compl. Date: 19-Aug-2019	AC Compl. FH: 1642.27	AC Compl. FC: 957	6	Latest Found Date: 14-Apr-2019
10	Due: JIC:	7			
11	AC Total Date: 14-Apr-2019	AC Total FH: 1642.27	AC Total FC: 957	8	

Not Effective:
 Superseded:
 Terminated:
 PCW:

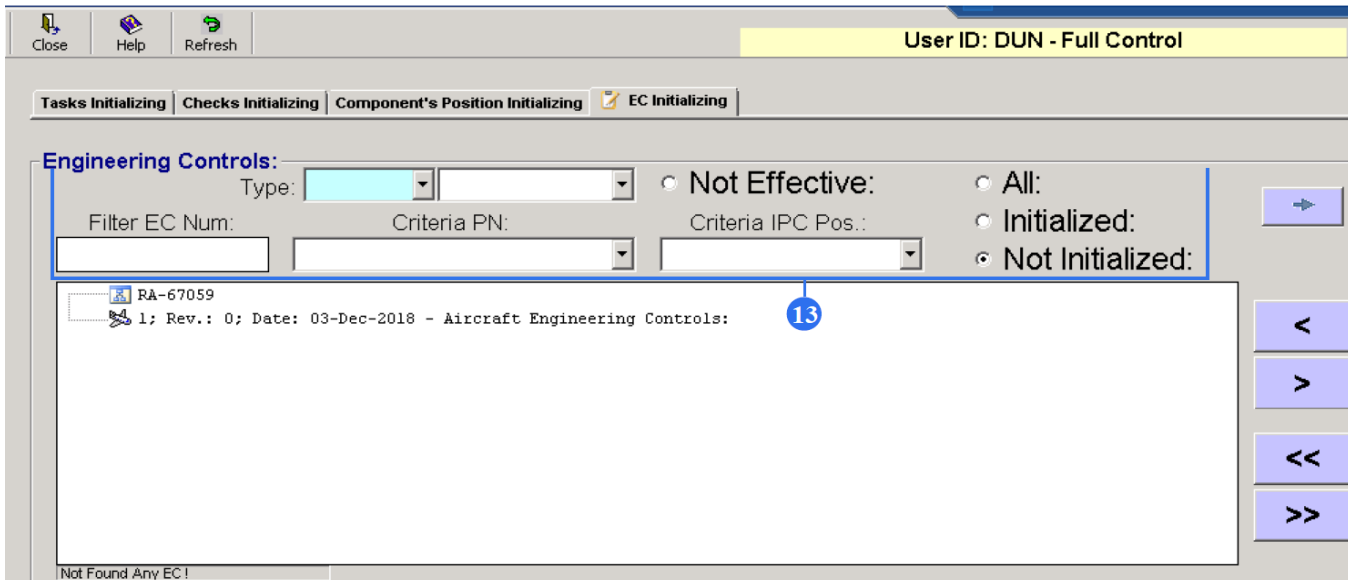
Remarks:

9 Preview 12 Confirm

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.

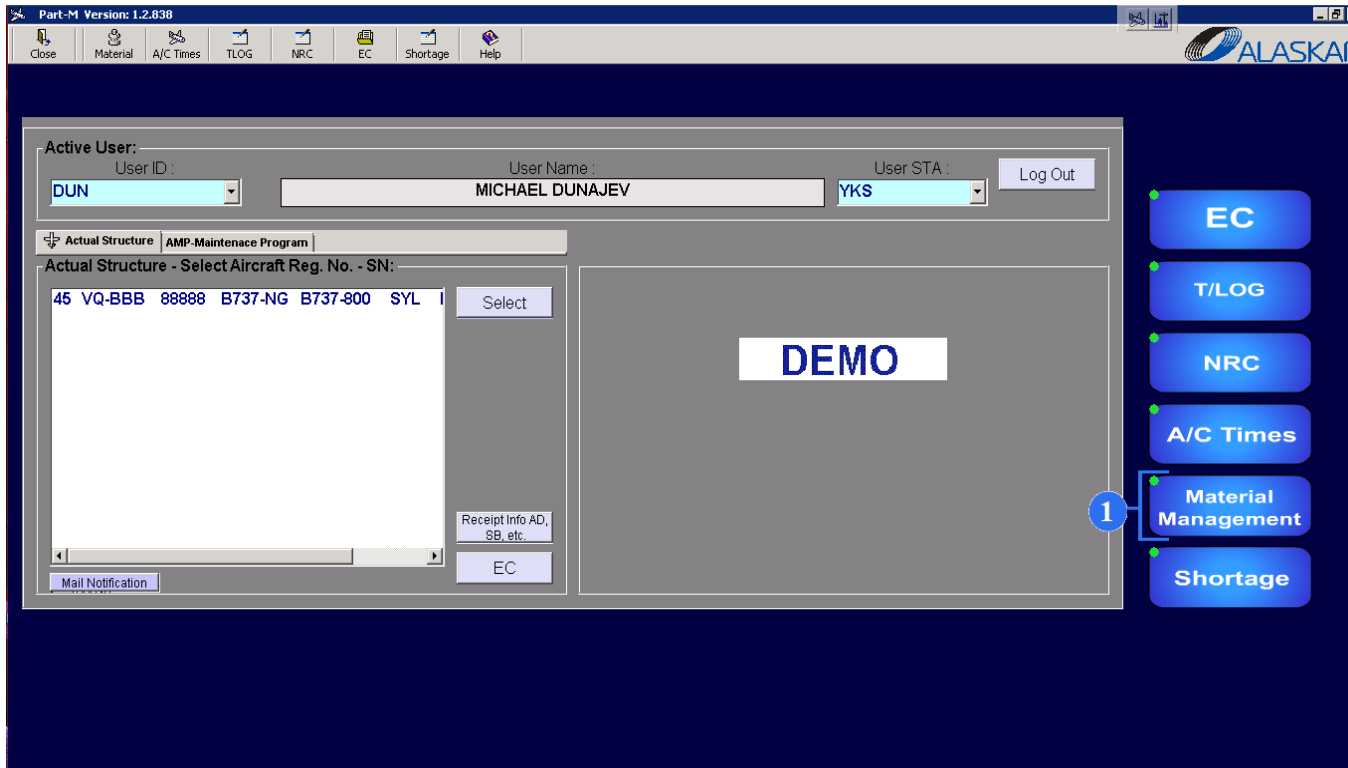
MATERIAL MANANGEMENT

User guidance

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1. General Information



A Material Management module is made for registration of engineering materials for their further receiving to stores.

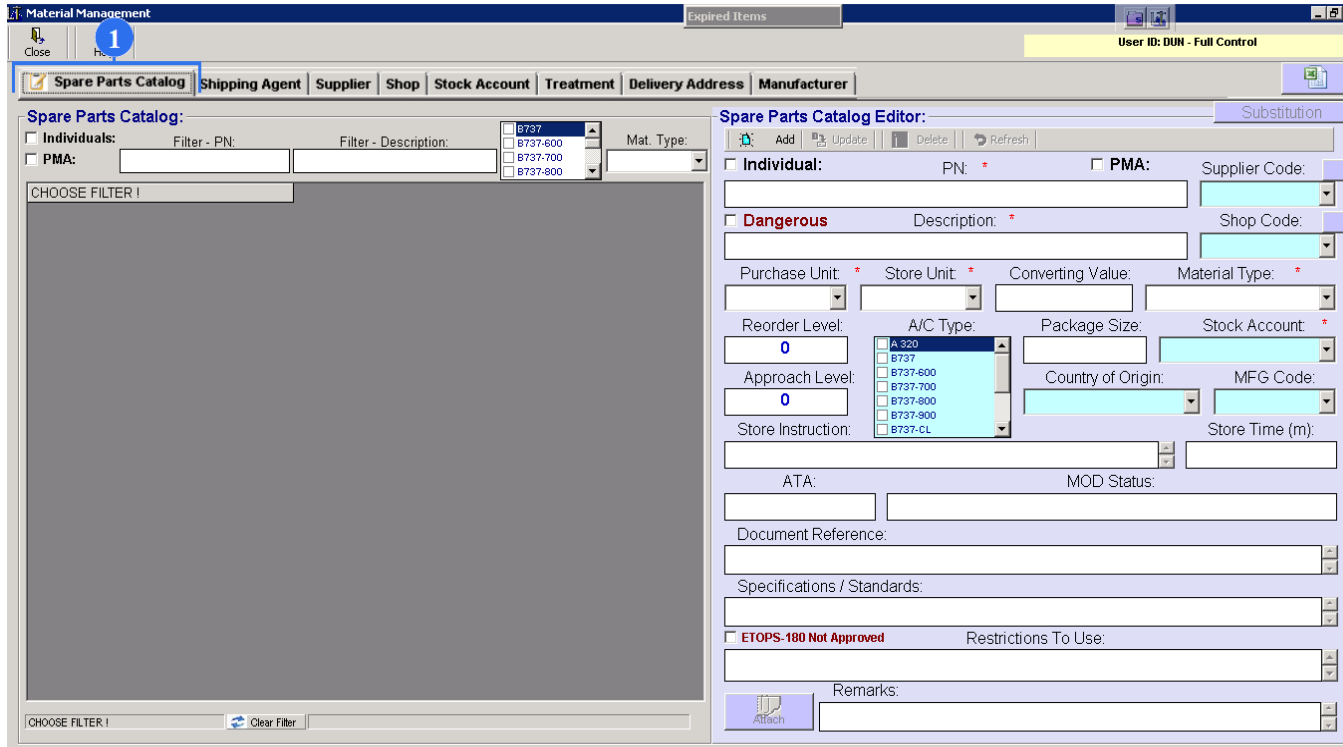
This submodule consists of 8 tabs: Spare Catalog, Shipping Agent, Supplier, Shop, Stock Account, Treatment, Delivery Address and Manufacture.

A Spare Parts Catalog is used for a Position Structure creation in the Aircraft Maintenance Program (AMP).

Before creating the Spare Parts Catalog, other tabs (Supplier, Shop, etc) must be fill out, because then, added information will be displayed in a Spare Parts Catalog Editor.

1. To open submodule click on the Material Management button.

2. Spare Parts Catalog



A Spare Parts Catalog is used for a Position Structure creation in the Aircraft Maintenance Program (AMP).

Before creating the Spare Parts Catalog, fill out Editors of the other tabs (Supplier, Shop, etc), because then, added information will be displayed in a Spare Parts Catalog Editor.

1. Open a Spare Parts Catalog Tab.

Spare Parts Catalog Editor: Substitution

Add
 Update
 Delete
 Refresh

Individual: PN: * **PMA:** Supplier Code:

Dangerous Description: * Shop Code:

Purchase Unit: * Store Unit: * Converting Value: Material Type: *

A/C Type: Package Size: Stock Account: *

Country of Origin: MFG Code:

Store Instruction: Store Time (m):

ATA: MOD Status:

Document Reference:

Specifications / Standards:

ETOPS-180 Not Approved Restrictions To Use:

Remarks:

2. Fill in the part number and description.

3. You should always stick the "Individual" check box for components. (only components)

4. Mark the PMA check box if the component is not original.

5. Mark the Dangerous check box if the component is dangerous goods (this is necessary during transportation)

6. If it is necessary select Supplier Code and Shop Code. Lists of the Supplier Code and Shop Code are registered in Supplier tab and Shop tab.

7. Select Purchase Unit and Store Unit. If purchase and store units are different, enter the converting value. Select type of material.

Spare Parts Catalog Editor: Substitution

Add
 Update
 Delete
 Refresh

Individual: PN: * **PMA:** Supplier Code:

Dangerous Description: * Shop Code:

Purchase Unit: * Store Unit: * Converting Value: Material Type: *

A/C Type: Package Size: Stock Account: *

Country of Origin: MFG Code:

Store Instruction: Store Time (m):

ATA: MOD Status:

Document Reference:

Specifications / Standards:

ETOPS-180 Not Approved Restrictions To Use:

Remarks:

8. Select an Aircraft type, a Manufacturer (MFG) Code and a correct Stock Account Number (names of premises in which spare parts are stored) from combo boxes. Also, you can enter package size and country of origin.

9. Fill in the remaining fields if it is necessary information. Here all the fields are not under the asterisk. This means that they are not required. But the data in these fields can be used in other submodules.

For example, "Restriction To Use" field.

Shortage Registration

Expired Items

Permission: FULL CONTROL User Group: PLAN

Shortage Item Editor:

Shortage No: 19 Item ID: 1 Reg. Date: 25/06/2020 - 23:21

Found 2 Part Numbers:

Filter: bcrefd

BCREFD00055 MOTOR ASSY-CONVERTER
BCREFD00056 MOTOR ASSY-CONVERTER

P/N: * PIN Known Unit: * Each

P/N Description:

Warning

Current PN has following Restrictions To Use: 'MUST BE INSTALLED ON THE AIRCRAFT WITH EFFECTIVITY 001-011'

Shortage List:

ID	No	IssueDate	IssueBy	Status-Qty	Reference	Ref-Subject	Use For	Use
62	19	2020-06-25 - 19:45	DUN		B737-800	VQ-BBB	DAMAGE REPAIR	WER
61	18	2020-06-17 - 16:23	DUN	0-1;	B737-800	VQ-BBB	NRC	E123
59	16	2020-05-27 - 20:17	DUN		B737-800	VQ-BBB	NRC	1234
58	15	2020-05-26 - 18:22	DUN		B737-800	VQ-BBB	NRC	1234
57	14	2020-05-26 - 17:33	DUN		B737-800	VQ-BBB	TROUBLESHOOTING	0
56	13	2020-05-26 - 17:23	DUN		B737-800	VQ-BBB	NRC	123
55	12	2020-05-26 - 17:22	DUN		B737-800	VQ-BBB	NRC	2134
54	11	2020-05-26 - 17:21	DUN		B737-800	VQ-BBB	NRC	2134
					B737-800	VQ-BBB	CHECK	1234

Purchasing

Expired Items

User ID: DUN - Full Control

Purchase Order

ID	PO Number	Supplier Code	Shipping Agent Code	Currency	Payment Term	Delivery Date	Notes
2524	00906P2020	*AC ЭНЕРГИЯ	ACS	EUR	Net 10	2020-07-05	
2523	00806P2020	*AC ЭНЕРГИЯ	ACS	EUR	Prepayment	2020-07-03	
2520	00506P2020	NA	NA	NA	NA	2020-07-02	
2517	00206P2020	Aero Instrum	CPT	EUR	Net 10	2020-06-27	
2516	00106P2020	*AC ЭНЕРГИЯ	ACS	GBP	Net 30	2020-06-21	
2515	00405P2020	*AC ЭНЕРГИЯ	ACS	EUR		2020-06-05	
2513	00205P2020	*AC ЭНЕРГИЯ	ACS	EUR		2020-05-20	
2509	05903P2019	BOEING	UPS	USD	Prepayment	2019-03-30	
2508	05803P2019	BOEING	UPS	USD			
2507	05703P2019	POWERJET	ACS	USD			
2506	05603P2019	SAFRAN NAC	ACS	USD			

Records from 1 to 500 of 1766

Purchase Order Items Editor:

PO Number: 00806P2020

P/N: BCREFD00056

Description: MOTOR ASSY-CONVERTER

Qty: 0 Purchase Unit: EA Unit Price: 0.000

Aircraft/Order Reference:

Quoted Expiry Date: Condition: NEW

Expected Date: Owner:

Warning

Current PN has following Restrictions To Use: 'MUST BE INSTALLED ON THE AIRCRAFT WITH EFFECTIVITY 001-011'

The information in the “Restriction To Use” field will be displayed in the “Shortage” submodule when creating a shortage item and in the “Purchasing” submodule when creating a PO Item in the form of a Warning window.

Spare Parts Catalog:

ID	PN	Description	Purchase Unit	Store Unit	Converting Value
32206	BCREFD00055	MOTOR ASSY-CONVERTER	EA	EA	1
32205	BCREFD00056	MOTOR ASSY-CONVERTER	EA	EA	1

Spare Parts Catalog Editor:

PN: Supplier Code:

Dangerous Description: Shop Code:

Purchase Unit: Store Unit: Converting Value: Material Type:

Reorder Level: A/C Type: Package Size: Stock Account:

Approach Level: Country of Origin: MFG Code:

Store Instruction: Store Time (m):

ATA: MOD Status:

Document Reference:

Specifications / Standards:

ETOPS-180 Not Approved Restrictions To Use:

Remarks:

10. Click on the Add button.

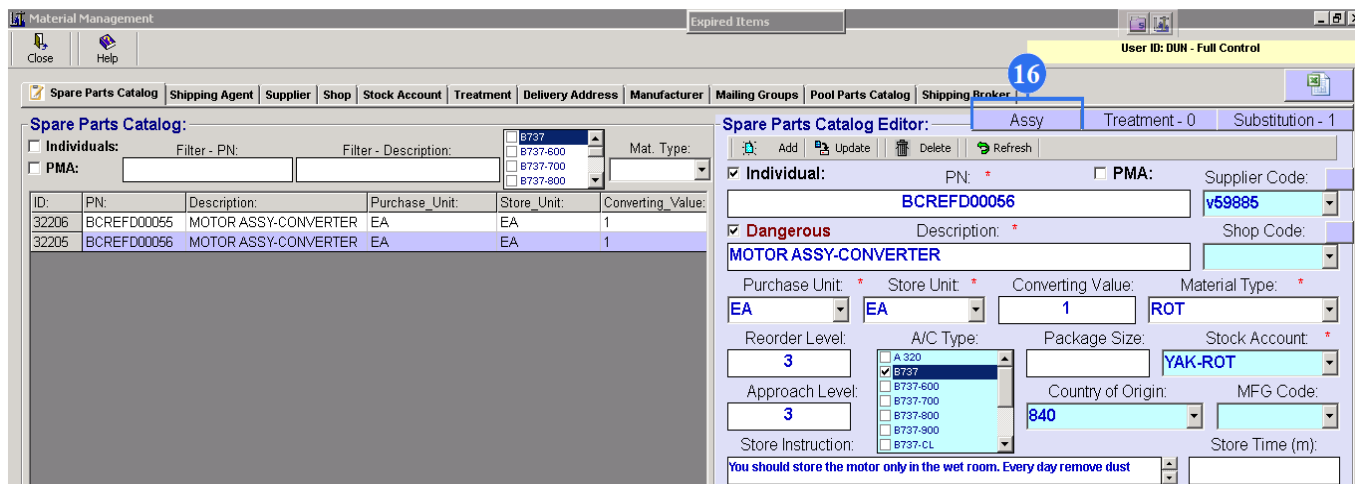
11. After pressing the “Add” button you can see new spare part in “Spar Parts Catalog” screen. Highlight the line.

12. In the Spare Parts Catalog Editor make a change and click on the Update button.

13. To remove the new entered spare part click on the Delete.

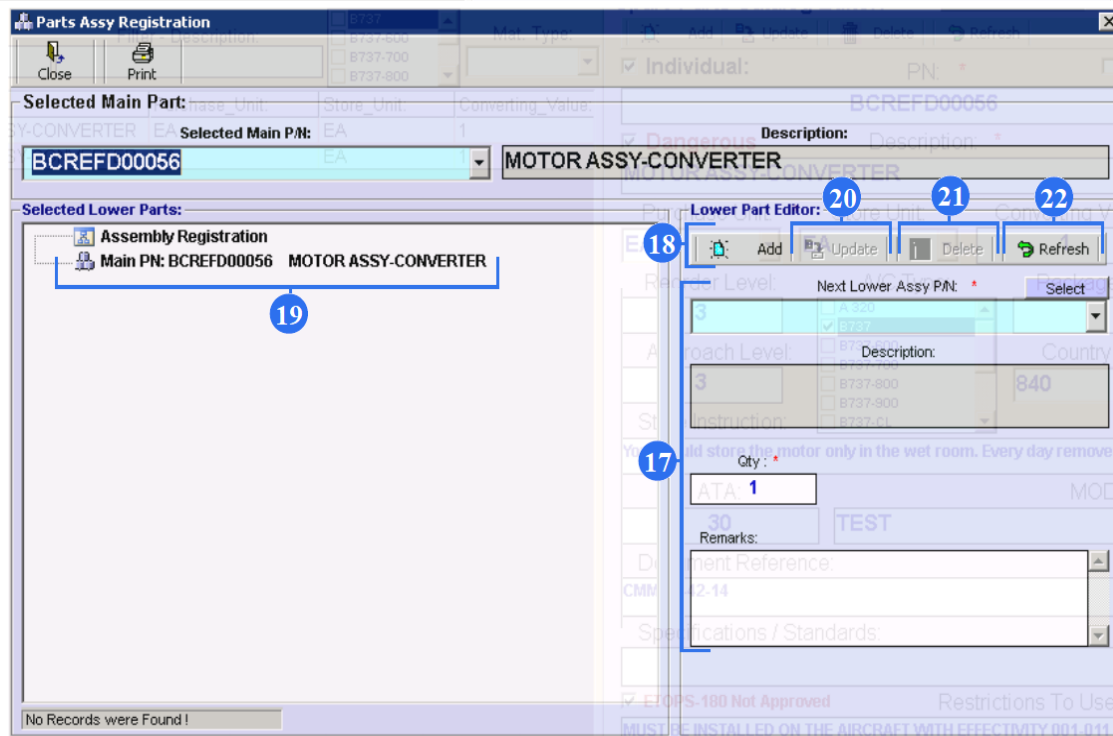
14. To reset all entered data in the editor push Refresh button.

15. Use these filters to find new entered component quickly.



16. If you want to show the component has lower part of major assembly (second level of assembly) click on the Assy button. Part Assy Registration screen will be opened.

17. Select the next lower assy part number. Description will be appeared automatically. Enter quantity. If it is necessary fill in Remark.



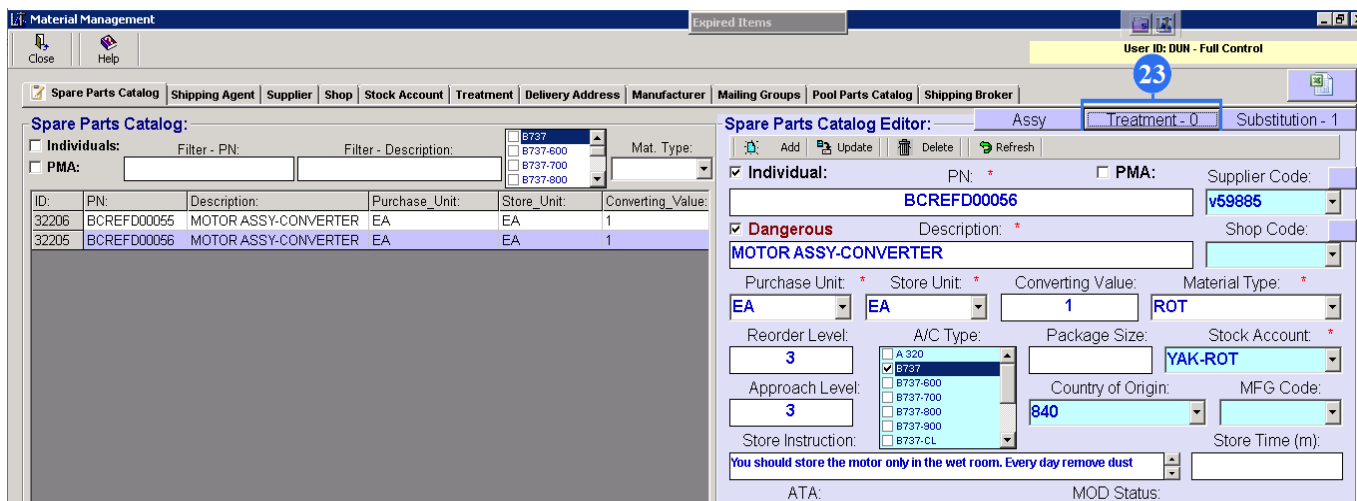
18. To save the data click on the Add button.

19. In the left window you can see lower assy part number. Highlight it.

20. In the Lower Part Editor make a change and click on the Update.

21. To remove the save lower part push Delete button.

22. To reset all entered data click on the Refresh.



23. If you want to provide treatment of the components click on the Treatment button. Part Treatment Registration screen will be opened.

24. In the treatment editor select of the Treatment Code. Treatment description will be automatically appeared. Fill out treatment interval.

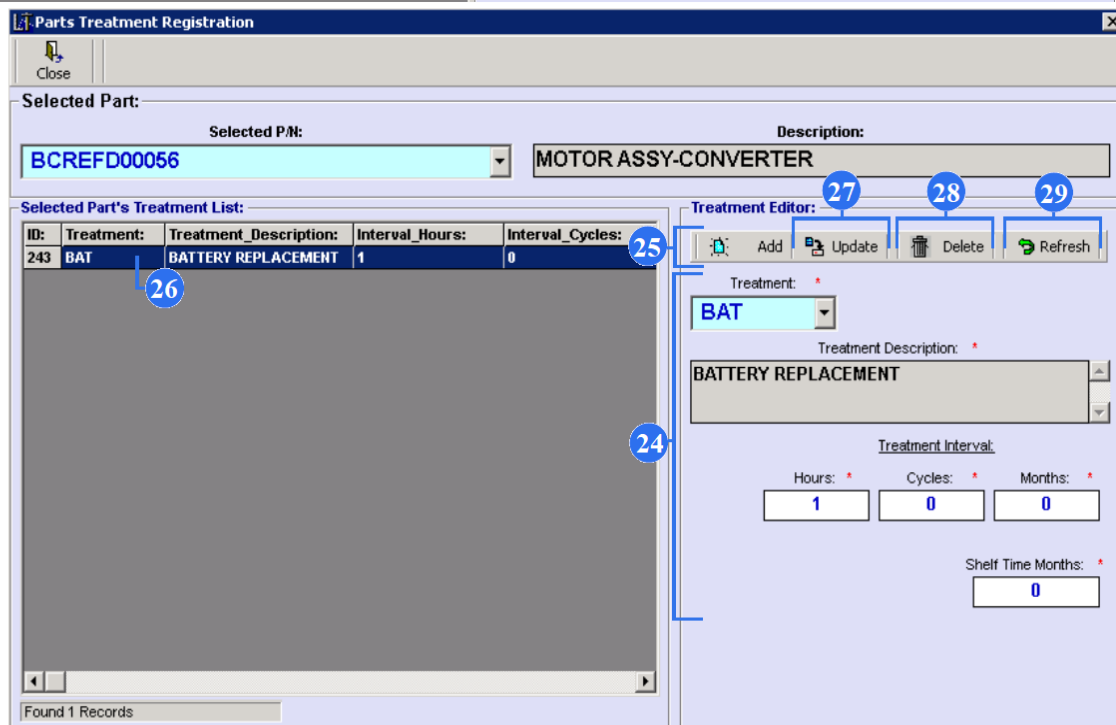
25. To save entered data click on the Add.

26. You can see save treatment in the Selected Part's Treatment List. Highlight the line.

27. Make a change in the Treatment Editor and push Update button.

28. To remove the highlight line click on the Delete button.

29. To reset entered data click on the Refresh button.



The screenshot displays the Material Management software interface. The main window is titled "Spare Parts Catalog Editor" and shows a table of parts with columns for ID, PN, Description, Purchase Unit, Store Unit, and Converting Value. A "Parts Substitution Registration" window is open, showing a "Selected Part" (BCREFD00056) and a "Selected Part's Substitutions" table. An "Attachments" window is also open, showing a file path and options to attach files. Numbered callouts (30-38) indicate specific actions and elements within the software.

ID	PN	Description	Purchase Unit	Store Unit	Converting Value
32206	BCREFD00055	MOTOR ASSY-CONVERTER	EA	EA	1
32205	BCREFD00056	MOTOR ASSY-CONVERTER	EA	EA	1

IDSubst	PN	Description	Interchangeability	Reference
32206	BCREFD00055	MOTOR ASSY-CONVERTER	Full	

30. To show component interchangeability push Substitution button. Parts Substitution Registration screen will be appeared.

31. In the Parts Substitution Editor select substitution part number. Description will be automatically appeared. Select Interchangeability (Full, one way or NHA). If it is necessary fill out Reference field. To save entered data click on the Add.

32. You can see save substitution in the Selected Part's Substitution List. Highlight the line.

33. Make a change in the Parts Substitution Editor and push Update button.

34. To remove the highlight line click on the Delete button.

35. To reset entered data click on the Refresh button.

The screenshot displays three overlapping windows in the Material Management software:

- Spare Parts Catalog Editor:** Shows details for part BCREFD00056 (MOTOR ASSY-CONVERTER). It includes fields for Individual, PMA, Supplier Code (v59885), Description, Purchase Unit (EA), Store Unit (EA), Converting Value (1), Material Type (ROT), Reorder Level (3), Approach Level (3), Package Size (YAK-ROT), Stock Account (YAK-ROT), Country of Origin (840), and MFG Code. A note states: "You should store the motor only in the wet room. Every day remove dust".
- Parts Substitution Registration:** Shows the "Selected Part" as BCREFD00056 (MOTOR ASSY-CONVERTER) and a table of "Selected Part's Substitutions":

IDSubst:	PN:	Description:	Interchangeability:	Reference:
32206	BCREFD00055	MOTOR ASSY-CONVERTER	Full	
- Attachment:** Shows the "Destination" as C:\ATTACHMENTS\PN\SUBSTITUTION, "Type" as MOTOR ASSY-CONVERTER - Full, and "Remarks" field. It includes "Attach From Clipboard" and "Attachments Links" (No Attachments were found!).

Numbered callouts (30-38) indicate the location of various buttons and fields: 30 (Spare Parts Catalog Editor), 31 (Attachment Editor), 32 (Substitution Table), 33 (Attachment Editor Substitution P.N.), 34 (Attachment Editor Description), 35 (Attachment Editor Interchangeability), 36 (Attachment Editor Attach button), 37 (Attachment Remarks field), and 38 (Attachment Editor Attach button).

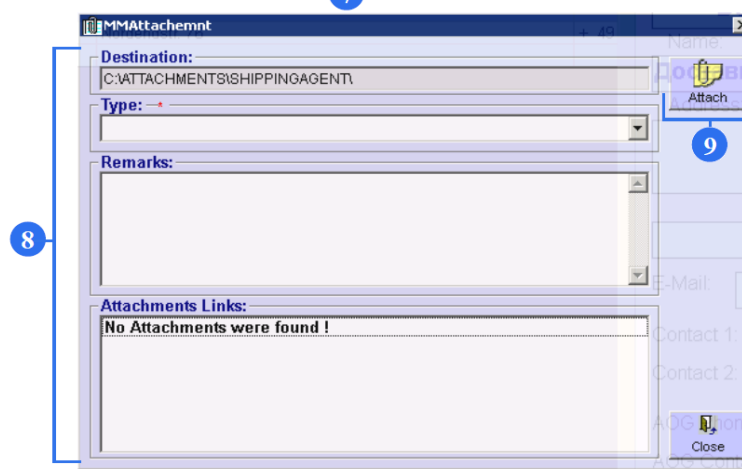
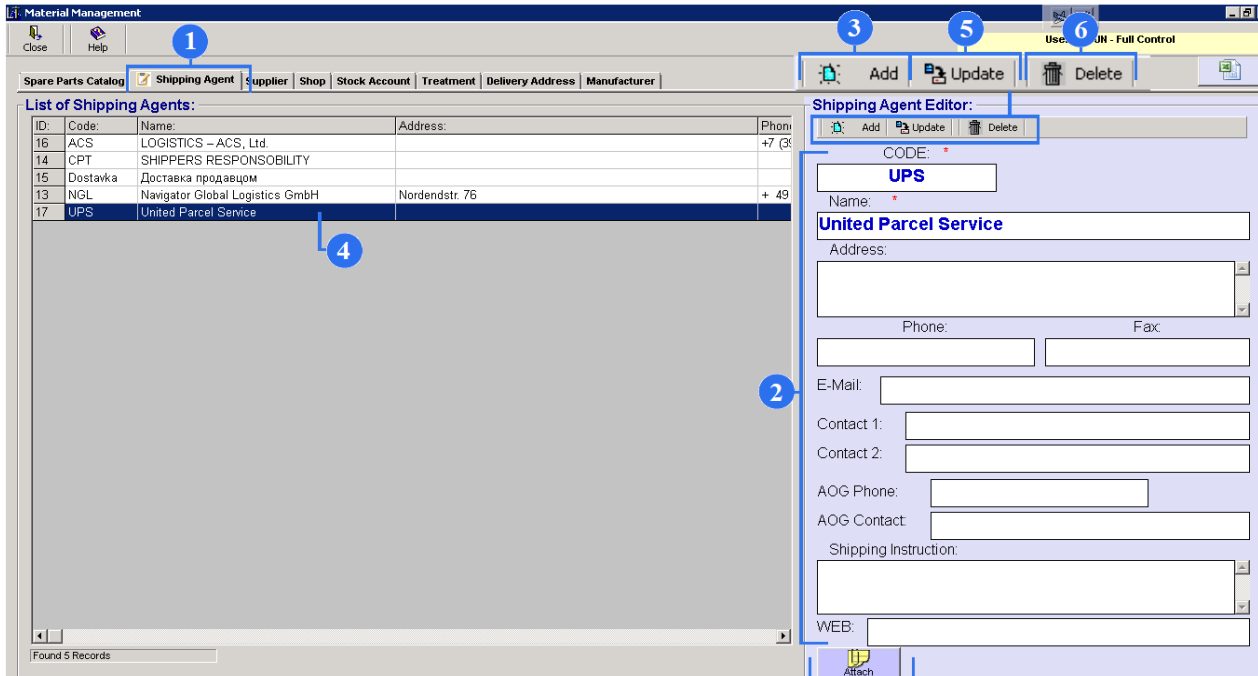
36. To attach any documents click on the Attach button and Attachment screen will be appeared.

37. Fill out destination of the document, select type of the document, enter Remarks and Attachments Links if it is necessary.

38. Click on the Attach button.

All three tabs such as "Assy", "Treatment" and "Substitution" are used in the AMP module. If you have not entered data in these tabs, you will do it in the AMP module. If you filled in these tabs here, then this information is automatically transferred to the AMP module.

3. Shipping Agent



1. Click on the Shipping Agent tab.
2. In the Shipping Agent Editor fill out CODE and Name. At pleasure enter fields such as Address/Phone/Fax/Email/Contact1/Contact2/AOG Phone/AOG Contact/Shipping Instruction/WEB.
3. To save data push Add button.
4. You can see the save data in the List of Shipping Agents. Highlight the line.
5. Make a change in the editor and click on the Update.
6. To remove Shipping Agent click on the Delete.
7. To attach any documents click on the Attach button and Attachment screen will be appeared.
8. Fill out destination of the document, select type of the document, enter Remarks and Attachments Links if it is necessary.
9. Click on the Attach button.

4. Supplier

The screenshot displays the 'Material Management' application with the 'Supplier' tab selected. A 'List of Suppliers' table is visible on the left, with 'ALIGN AEROSP' selected. The 'Suppliers Editor' form is open on the right, showing fields for CODE, Shipping Agent CODE, Name, Address, Phone, Fax, E-Mail, Contact 1, Contact 2, AOG Phone, AOG Contact, WEB, Contract Number, Contract Place, Contract Date, Currency, Payment, Agreement Number, Credit Limit, Certificate Type, and Certificate Date. A 'Range of Goods' dialog is also open, showing a list of parts and an 'Update' button. Numbered callouts 1-9 highlight specific actions: 1. Click on the Supplier tab. 2. In the Suppliers Editor fill out CODE, Shipping Agent CODE and Name. 3. To specify the Range of Goods for a particular supplier, click on Goods Range. 4. Select Part Range and click on the Update to save. 5. To save data push Add button.

1. Click on the Supplier tab.

2. In the Suppliers Editor fill out CODE, Shipping Agent CODE and Name. At pleasure enter fields such as Address/Phone/Fax/Email/Contact1/Contact2/AOG Phone/AOG Instruction/WEB/Contract Number/Contract Place/Contract Date/Currency/Payment/Agreement number/Credit Limit/Certificate Type/Certificate Date.

3. To specify the Range of Goods for a particular supplier, click on Goods Range.

4. Select Part Range and click on the Update to save. You can look for suppliers registered in the database using a Find Supplier Tab located in a Purchasing Sub-Module.

5. To save data push Add button.

The screenshot displays the 'Material Management' application with the 'Suppliers Editor' window open. The 'List of Suppliers' table is visible on the left, and the 'Suppliers Editor' form is on the right. Numbered callouts indicate the following:

- 1: Close button in the top-left corner of the window.
- 2: The 'Delete' button in the 'Suppliers Editor' toolbar.
- 3: The 'Update' button in the 'Suppliers Editor' toolbar.
- 4: The 'Attach' button in the 'Suppliers Editor' form.
- 5: The 'Add' button in the 'Suppliers Editor' toolbar.
- 6: A row in the 'List of Suppliers' table, specifically the row for 'ALIGN AEROSP'.
- 7: The 'Update' button in the 'Suppliers Editor' toolbar.
- 8: The 'Delete' button in the 'Suppliers Editor' toolbar.
- 9: The 'Attach' button in the 'Suppliers Editor' form.

6. You can see the save data in the List of Suppliers. Highlight the line.

7. Make a change in the editor and click on the Update.

8. To remove Supplier click on the Delete.

9. To attach any documents click on the Attach button and Attachment screen will be appeared. Fill out destination of the document, select type of the document, enter Remarks and Attachments Links if it is necessary. Click on the Attach button.

5. Shop.

List of Shops:

ID:	Code:	Name:	Address:
44	3 points	3 points aviation	
24	AVIAREMCOMP	AVIAREMCOMPONENT	
35	BLMZ	BLMZ	
46	CFM	CFM International	
43	Engineering	Engineering order	
26	FLIGHT DATA	FLIGHT DATA	
21	FOKKER	FOKKER	
23	GE DOWTY	GE Aviation Systems Ltd	
29	KLM	KLM	
34	LC AVIATION	LC AVIATION	
20	LHT	LUFTHANSA	HAM WQ23/A
38	LHT Alzey	Lufthansa Technik AERO Alzey GmbH	Rudolf-Diesel-Str. 10
39	NEWCASTLE	Newcastle Aviation, LLC	3201 County Road 42 W.
27	OEMSERVICES	OEMSERVICES	
32	POWERJET	POWERJET	
36	REVIMA	REVIMA-APU	
22	ROSAERO	ROSAERO	
30	S7 ENG	S7 ENGINEERING	
40	SAFRAN	SAFRAN AIRCELLE	
25	SJI	Superjet International	
41	SPM-Service	ООО "СПМ-Сервис"	
45	SR Technics	SR Technics	
18	SYL	AIR COMPANY YAKUTIA	
28	T-AERO	T-AERO	
33	THOMMEN	THOMMEN	
19	VTS	VOSTOK TECHNIKAL SERVICES	
42	ГСС	Гражданские самолеты сухого	
47	РПКБ	Филиал АО "РПКБ" в г. Санкт-Петербург	195009, г. Санкт-Петербург, ул. Комсомола д. 1-
37	ИАС	ООО "Центр Авиаметрология и Сертификация"	Юлинический адрес: 125167 г. Москва, проезд

Shop Editor:

CODE: * SAFRAN Shipping Agent CODE: *
 Name: * SAFRAN AIRCELLE
 Address: *
 Phone: * Fax: *
 E-Mail: *
 Contact 1: *
 Contact 2: *
 AOG Phone: *
 AOG Contact: *
 WEB: *
 Currency: * Payment: *
 Certificate Type: * Certificate Date: 05/04/2018

1. Click on the Shop tab.

2. In the Shop Editor fill out CODE, Shipping Agent CODE and Name. At pleasure enter fields such as Address/Phone/Fax/Email/Contact1/Contact2/AOG Phone/AOG Instruction/WEB/Contract Number/Contract Place/Contract Date/Currency/Payment/Agreement number/Credit Limit/Certificate Type/Certificate Date.

3. To attach any documents click on the Attach button and Attachment screen will be appeared.

4. Fill out destination of the document, select type of the document, enter Remarks and Attachments Links if it is necessary.

5. Click on the Attach button.

6. To save data push Add button.

7. You can see the save data in the List of Shops. Highlight the line.

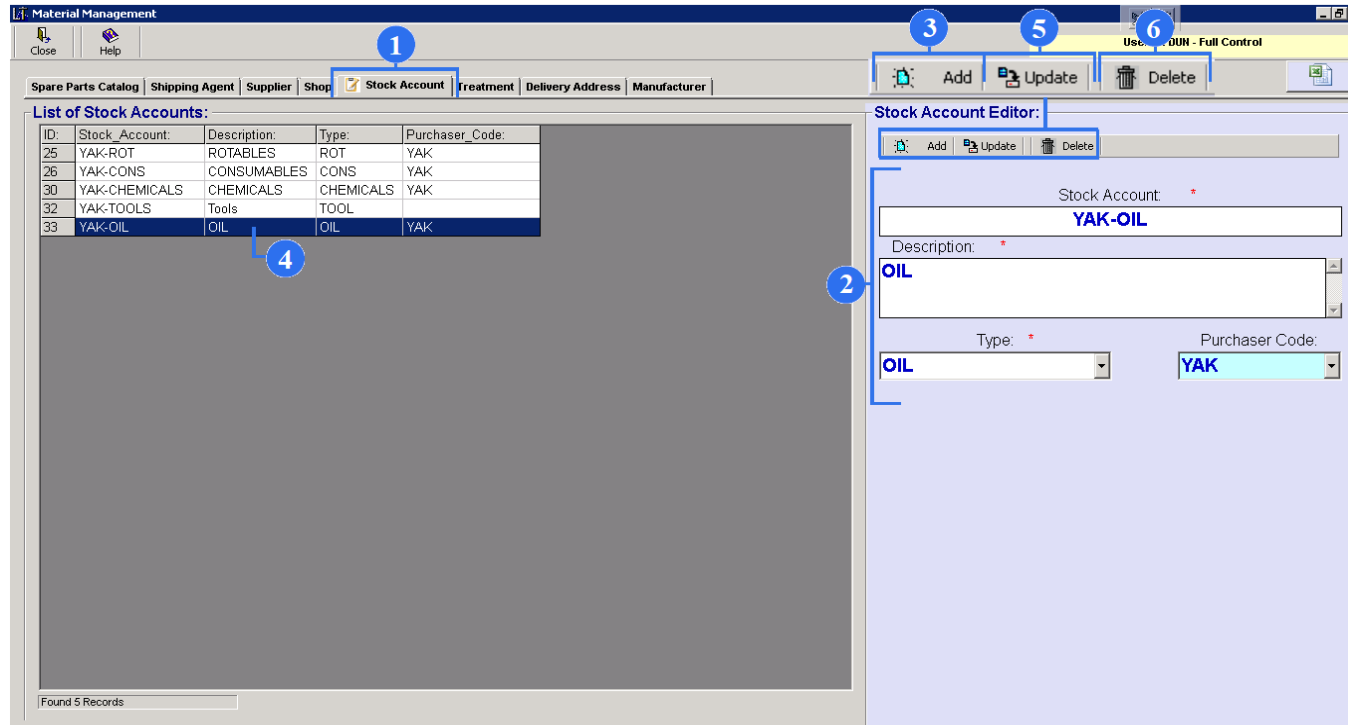
8. Make a change in the editor and click on the Update.

9. To remove Supplier click on the Delete.

MMAttachmnt

Destination: C:\ATTACHMENTS\SHOP
 Type: *
 Remarks: HAM WQ23/A
 Rudolf-Diesel-Str. 10
 3201 County Road 42 W
 Attachments Links: No Attachments were found!

6. Stock Account.



The screenshot shows the 'Material Management' application window. The 'Stock Account' tab is selected in the top menu. The 'List of Stock Accounts' table is visible on the left, with the following data:

ID:	Stock Account:	Description:	Type:	Purchaser Code:
25	YAK-ROT	ROTABLES	ROT	YAK
26	YAK-CONS	CONSUMABLES	CONS	YAK
30	YAK-CHEMICALS	CHEMICALS	CHEMICALS	YAK
32	YAK-TOOLS	Tools	TOOL	YAK
33	YAK-OIL	OIL	OIL	YAK

The 'Stock Account Editor' is open on the right, showing the following fields:

- Stock Account: * YAK-OIL
- Description: * OIL
- Type: * OIL
- Purchaser Code: YAK

Numbered callouts indicate the following steps:

- Click on the Stock Account tab.
- In the Stock Account Editor fill out Stock Account, Description. Select Type and Purchase Code.
- To save data push Add button.
- You can see the save data in the List of Stock Account. Highlight the line.
- Make a change in the editor and click on the Update.
- To remove Stock Account click on the Delete.

1. Click on the Stock Account tab.

2. In the Stock Account Editor fill out Stock Account, Description. Select Type and Purchase Code.

3. To save data push Add button.

4. You can see the save data in the List of Stock Account. Highlight the line.

5. Make a change in the editor and click on the Update.

6. To remove Stock Account click on the Delete.

7. Treatment.

The screenshot shows the 'Material Management' application window. The 'Treatment' tab is selected in the top navigation bar. The 'List of Treatments' table is visible on the left, with the row for 'BAT BATTERY REPLACEMENT' highlighted. The 'Treatment Editor' is open on the right, showing the 'Treatment' field with 'BAT', the 'Description' field with 'BATTERY REPLACEMENT', and an empty 'Remarks' field. The 'Add' button is highlighted in the editor's toolbar. Numbered callouts 1-6 point to the following elements:

- 1: Treatment tab in the navigation bar.
- 2: The highlighted row in the 'List of Treatments' table.
- 3: The 'Add' button in the 'Treatment Editor' toolbar.
- 4: The 'Treatment' field in the editor.
- 5: The 'Update' button in the editor's toolbar.
- 6: The 'Delete' button in the editor's toolbar.

ID:	Treatment:	Treatment_Description:	Treatment_Remarks:
1	CAP	BATTERY CAPACITY CHECK	
3	OH	PERFORM OVERHAUL	
5	HST	PERFORM HYDRO-STATIC TEST	
6	DSC	DISCARD COMPONENT	LLP PARTS
7	BT	PERFORM BENCH TEST	
11	FC	FUNCTIONAL CHECK	
12	TR	ESCAPE SLIDE 15 YR TRESHOLD INSPECTION	
13	OH15	PERFORM OVERHAUL ESCAPE SLIDE 15 YR	
14	RS	PERFORM RESTORATION	
15	CLN	PERFORM CLEANING	
16	BAT	BATTERY REPLACEMENT	
17	FT	FUNCTIONAL TEST	
18	WCH	WEIGHT CHECK	
19	HCT	HYDROSTATIC TEST	
20	INS	PERFORM INSPECTION/TEST	
21	REP	REPAIR	CONDITION REPAIRED
22	TCH1	TIRE CHANGE 1	FOR WHEELS ONLY
23	TCH2	TIRE CHANGE 2	FOR WHEELS ONLY
24	TCH3	TIRE CHANGE 3	FOR WHEELS ONLY
25	TCH4	TIRE CHANGE 4	FOR WHEELS ONLY
26	UNS	UNSERVICEABLE	
27	TCH5	TIRE CHANGE 5	FOR WHEELS ONLY
28	TCH6	TIRE CHANGE 6	FOR WHEELS ONLY
29	TCH7	TIRE CHANGE 7	FOR WHEELS ONLY
30	TCH8	TIRE CHANGE 8	FOR WHEELS ONLY
31	TCH9	TIRE CHANGE 9	FOR WHEELS ONLY
32	CLB	CALIBRATION	
33	CHRG	CHARGING	
34	WRT	WARRANTY	
35	TCH10	TIRE CHANGE 10	FOR WHEELS ONLY

1. Click on the Treatment tab.

2. In the Treatment Editor fill out Treatment, Description and Remarks

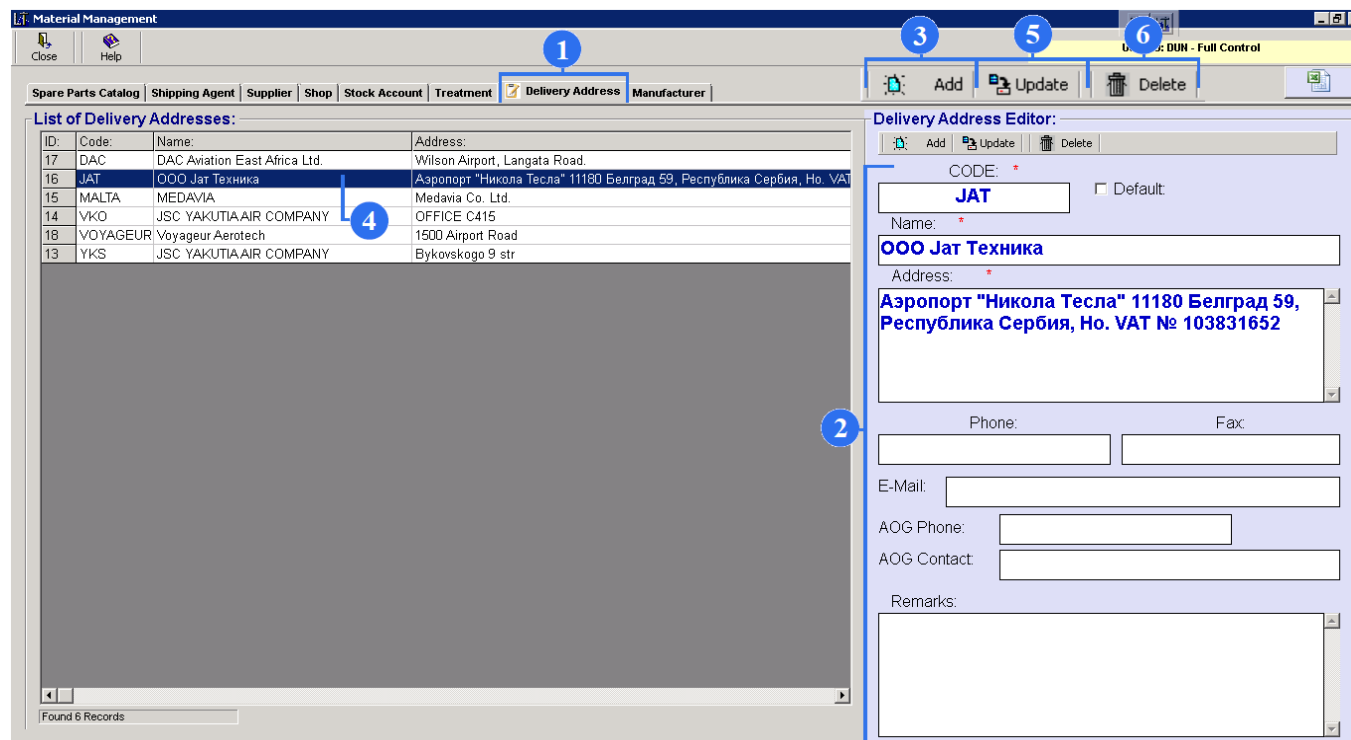
3. To save data push Add button.

4. You can see the save data in the List of Treatments. Highlight the line.

5. Make a change in the editor and click on the Update.

6. To remove Treatment click on the Delete.

8. Delivery Address.



The screenshot shows the Material Management software interface. The 'Delivery Address' tab is selected. The 'List of Delivery Addresses' table is visible, with the row for 'JAT' highlighted. The 'Delivery Address Editor' is open, showing fields for CODE, Name, Address, Phone, Fax, E-Mail, AOG Phone, AOG Contact, and Remarks. The 'Add' button is highlighted in the editor, and the 'Update' button is highlighted in the list.

ID:	Code:	Name:	Address:
17	DAC	DAC Aviation East Africa Ltd.	Wilson Airport, Langata Road.
16	JAT	ООО Јат Техника	Аеропорт "Никола Тесла" 11180 Белград 59, Република Србија, Но. VAT
15	MALTA	MEDAVIA	Medavia Co. Ltd.
14	VKO	JSC YAKUTIA AIR COMPANY	OFFICE C415
18	VOYAGEUR	Voyageur Aerotech	1500 Airport Road
13	YKS	JSC YAKUTIA AIR COMPANY	Bykovskogo 9 str

1. Click on the Delivery Address tab.

2. In the Delivery Address Editor fill out CODE and Name and Address. At pleasure enter fields such as Phone/Fax/Email/Contact1/Contact2/AOG Phone/AOG Contact.

3. To save data push Add button.

4. You can see the save data in the List of Delivery Address. Highlight the line.

5. Make a change in the editor and click on the Update.

6. To remove Treatment click on the Delete.

9. Manufacture.

Material Management

Spare Parts Catalog | Shipping Agent | Supplier | Shop | Stock Account | Treatment | Delivery Address | **Manufacturer**

List of Manufacturers:

ID:	Code:	Name:	Address:
224	00268	CEF INDUSTRIES, INC	CALCO DIV, 320 S CHURCH STRE
166	00293	BEAVER PRECISION PROD	SEE BEAVER AEROSPACE V088
173	00471	DOW-KEY MICROWAVE	4822 MCGRATH STREET, VENTUR
239	00624	EATON AEROGUIP CORP	ENGINEERED SYSTEMS DIV, 300
31	00752	AIL SYSTEMS INC	455 COMMACK RD, DEER PARK,
254	01178	LOURDES INDUSTRIES INC	65 HOFFMAN AVENUE, HAUPPAU
185	02101	PACIFIC SCIENTIFIC CO ELECTRO KINETICS	6382 ROSE LN, CARPINTERIA, CA
43	02750	EATON AEROSPACE ENGINEERED SENSORS	15 DURANT AVENUE, BETHEL, CC
82	03872	AUTRONICS CORP	314 EAST LIVE OAK AVENUE, AR
214	04192	ROGERSON AIRCRAFT CORP	2201 ALTON PARKWAY, IRVINE, C
177	04577	CARLETON TECHNOLOGIES INC	10 COBHAM DRIVE, ORCHARD P
55	05088	KEARFOTT GUIDANCE AND NAVIGATION CORP	ROUTE 70, BLACK MOUNTAIN, NC
86	05167	PACIFIC SCIENTIFIC HTL/KIN-TECH DIV	1800 HIGHLAND AVENUE, QUART
133	06141	L-3 COMMUNICATIONS CORP	6000 E FRUITVILLE ROAD P.O. B
117	06177	PNEUDRAULICS INC	8575 HELMS AVENUE, RANCHO C
64	06848	HONEYWELL INTL INC ENGINES AND SYSTEMS	717 N BENDIX DR, SOUTH BEND,
139	06989	API MOTION	WESTTOWN ROAD AT WESTCHE
67	07147	HORIZON AEROSPACE LLC	1290 BLOSSOM DRIVE, VICTOR, I
27	07217	HONEYWELL ASCA INC	3333 UNITY DR, MISSISSAUGA, O
242	07639	SMITHS AEROSPACE INC	DBA LELAND ELECTRONIC SYSTE
24	08748	CRANE ELDEC CORP	16700 13TH AVE WEST, LYNNWOC
279	08YL2	COMPOSITE SPECIALTIES INC	2440 RAILROAD, ST CORONA, CA
91	09049	CUSTOM CONTROL SENSORS INC	21111 PLUMMER STREET, CHATS
23	09052	SAFT AMERICA INC	711 GIL HARBIN INDUSTRIAL BLVD
122	09790	EATON CORP VALVE AND ACTUATOR DIV	2338 ALASKA AVENUE, EL SEGU
158	0A335	LINEARMOTION LLC	628 NORTH HAMILTON, SAGINAW
78	0ACH4	GOODRICH B F CO	3414 SOUTH 5TH STREET, PHOEN
207	0B9R9	MEGGITT AIRCRAFT BRAKING SYSTEMS	1204 Massillon Road, AKRON, OH,
720	0FH91	UNIVERSAL AVIONICS SYSTEMS CORP	3760 EAST UNIVERFAL WAY TUC

Found 277 Records

Manufacturer Editor:

CODE: *
03972

Name: *
AUTRONICS CORP

Address:
314 EAST LIVE OAK AVENUE, ARCADIA, CALIFORNIA 91006-5617

Phone: Fax:

E-Mail:

Contact 1:

Contact 2:

WEB:

Attach

MMAttachemnt

Destination:
C:\ATTACHMENTS\MANUFACTURER\

Type: *

Remarks:

Attachments Links:
No Attachments were found!

Attach

1. Click on the Manufacturer tab.

2. In the Manufacturer Editor fill out CODE and Name. At pleasure enter fields such as Address/Phone/Fax/Email/Contact1/Contact2/WEB.

3. To save data push Add button.

4. You can see the save data in the List of Manufacturers. Highlight the line.

5. Make a change in the editor and click on the Update.

6. To remove Shipping Agent click on the Delete.

7. To attach any documents click on the Attach button and Attachment screen will be appeared.

8. Fill out destination of the document, select type of the document, enter Remarks and Attachments Links if it is necessary.

9. Click on the Attach button.

A/C TIMES – AIRCRAFTS TIMES

User Guidance

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2. General Information

Aircrafts-APU Utilization Registration List :

ID:	REG:	Date TOFF:	Flight:	From:	To:	TOFF:	LND:	TLOG:	Hours:	Cycles:	Total Hours:
203762	VQ-BBB	2020-06-03 10:00	123	DME	YKS	10:00	20:00	35432/1	10:00	1	49217.55
203766	VQ-BBB	2020-06-03 11:00	321	DME	YKS	11:00	23:30	35432/4	12:30	1	49259.25
203767	VQ-BBB	2020-06-03 12:00	123	DME	YKS	12:00	21:00	35432/5	09:00	1	49268.25

AC Utilization Editor:

Date: * A/C Reg: * A/C Type:

Flight No: From: To: TLOG: Seq.:

- EC
- T/LOG
- NRC
- A/C Times**
- Material Management
- Shortage

The A/C TIMES application allows users to register aircraft and APU utilization: total and the last flight cycles and hours. To begin to work with this submodule, you need click “A/C Times” button (1) on the right side of the PART M module list. On the left side of window there is A/C - APU Utilization Registration List (2). Here you can see the whole list of aircraft data. On the right side of window there is Editor page (3) for A/C utilization, APU utilization and ETOPS data.

The user's manual consists of seven sections: General Information, Aircraft Utilization, APU Utilization, Penalty Registration, Flight data filters and printout, Correction and APU Check.

Aircraft Utilization section provides step by step overview of the total hours and cycles calculation. Also, it is offered ETOPS flight registration if it is necessary. If you performed maintenance procedure before flight, you can type all data of maintenance result in the special window.

APU Utilization section explains how to register total APU hours and total APU cycles. Also, this section allows to print APU temperature.

Penalty Registration section is necessary to register penalties that will be displayed in case of helicopter utilization registration or in case of any types of aircraft if there is special flight operation condition that affects the component resource.

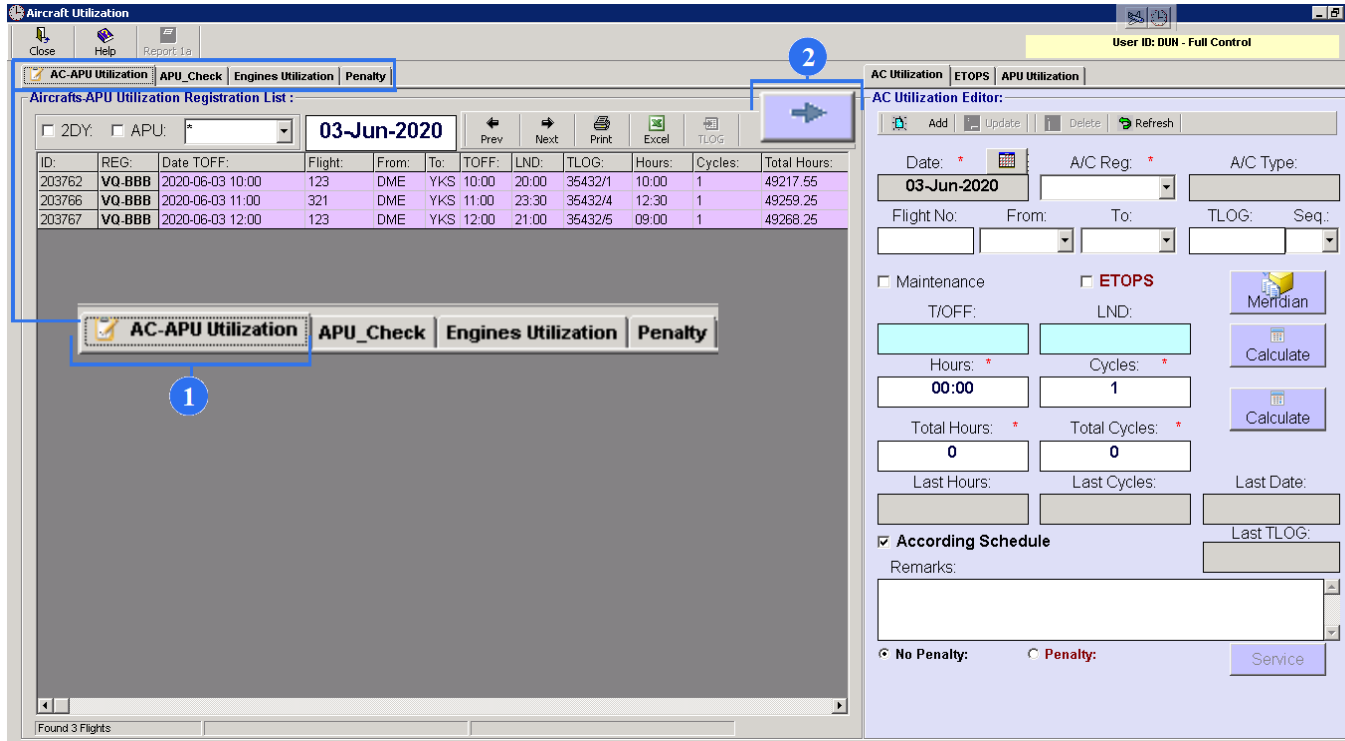
Flight Data Filters and Printout section gives you information about Date/A/C registration/APU utilization filters for quick searching of data. Also, you can know, how to transfer this data to Excel.

In case of incorrectly entered value or missing records you need correct AC Utilization value. Correction section provides recalculation of Total AC Utilization values from selected record to last record in sequence.

APU CHECK section allows to register APU start procedure in flight.

3. Aircraft Utilization

Aircraft Utilization section provides step by step overview of the total hours and cycles calculation. Also, it is offered ETOPS flight registration if it is necessary. If you performed maintenance procedure before flight, you can type all data of maintenance result in the special window.




1. To open an Aircrafts-APU Utilization Registration List, click on the AC-APU Utilization button.

2. To open the AC Utilization Editor, click on the arrow button.

AC Utilization | ETOPS | APU Utilization

AC Utilization Editor:

🔒 Add | 📄 Update | 🗑️ Delete | 🔄 Refresh

3 Date: *  03-Jun-2020

4 A/C Reg: * A/C Type:

Flight No: From: To: TLOG: Seq.:


5

3. An Aircraft Editor will automatically generate a today's date. If the edit date is not today, use the calendar to select the correct flight date of proper aircraft.

4. Select aircraft registration. Aircraft type will appear automatically.

5. Write in Flight No/From/To fields

Maintenance **ETOPS**

T/OFF:	LND:	
<input type="text"/>	<input type="text"/>	<input type="button" value="Calculate"/>
Hours: *	Cycles: *	6
<input type="text" value="00:00"/>	<input type="text" value="1"/>	<input type="button" value="Calculate"/>
Total Hours: *	Total Cycles: *	7
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="button" value="Calculate"/>
Last Hours:	Last Cycles:	Last Date:
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> According Schedule		Last TLOG:
Remarks:		<input type="text"/>
<input type="text"/>		
<input checked="" type="radio"/> No Penalty:	<input type="radio"/> Penalty:	<input type="button" value="Service"/>

6. Type the takeoff time (T/OFF field) and landing time (LND field) (UTC), then click on the Calculate button, and the system will calculate flight hours. Also, you can manual fill Hours field or Cycles field without calculation.

7. To calculate total hours and total cycles, click on the Calculate button. Last Hours and Last Cycles fields are refilled by the system automatically. The Last Date information and Last TLOG data are also provided.

AC Utilization | ETOPS | APU Utilization

AC Utilization Editor:

8

Flight No:
 From:
 To:
 TLOG:
 Seq.:

Aircraft Utilization

Aircrafts-APU Utilization Registration List :

2DY:
 APU:

ID:	REG:	Date TOFF:	Flight:	From:	To:	TOFF:	LND:	TLOG:	Hours:	Cycles:	Total Hours:
203762	VQ-BBB	2020-06-03 10:00	123	DME	YKS	10:00	20:00	35432/1	10:00	1	49217.55
203766	VQ-BBB	2020-06-03 11:00	321	DME	YKS	11:00	23:30	35432/4	12:30	1	49259.25
203767	VQ-BBB	2020-06-03 12:00	123	DME	YKS	12:00	21:00	35432/5	09:00	1	49268.25

9

8. Click on the ADD button (at the top of the editor) to save data.

9. You can see saved aircraft utilization data on the Aircrafts-APU Utilization Registration List.

NOTE: Fields with a reference marks (*) are mandatory to fill. 'TLog' field can be also filled as 'N/A'.

NOTE: In case of incorrectly entered value or missing records "Correction" button is used to recalculation new total hours value. More information you can see in the Correction chapter on the page 19.

AC Utilization | ETOPS | APU Utilization

AC Utilization Editor:

Add Update Delete Refresh

Date: * ¹⁰ A/C Reg: * ¹¹ A/C Type: ¹²

Flight No: From: To: TLOG: Seq.:


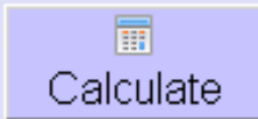
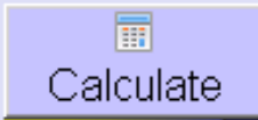
Maintenance **ETOPS**

T/OFF: Hours: * LND: Cycles: * Total Cycles: *

10. You can update the new data. Highlight the line (view 9) and click on the UPDATE button.

11. To remove flight data of the corresponding aircraft, highlight the line (view 9) and click on the DELETE button.

12. To reset all data, click on the REFRESH button.

<input type="checkbox"/> Maintenance	<input type="checkbox"/> ETOPS ¹⁴	
T/OFF:	LND:	
<input type="text" value=""/>	<input type="text" value=""/>	
Hours: *	Cycles: *	Calculate
<input type="text" value="00:00"/>	<input type="text" value="1"/>	
Total Hours: *	Total Cycles: *	
<input type="text" value="0"/>	<input type="text" value="0"/>	Calculate
Last Hours:	Last Cycles:	Last Date:
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
<input checked="" type="checkbox"/> According Schedule		Last TLOG:
Remarks:		<input type="text" value=""/>
<input type="text" value=""/>		
<input checked="" type="radio"/> No Penalty:	<input type="radio"/> Penalty: ¹³	<input type="button" value="Service"/>

13. Registering Airplane Utilization, tick the No Penalty field. It is necessary for any types of aircraft if there is special flight operation condition that affects the component resource. More information you can see in the "Penalty registration" chapter on the page 30.

14. If it is ETOPS flight, tick the ETOPS field.

15

AC Utilization **ETOPS** APU Utilization

ETOPS Editor:

18 **20** **21** **22**

Date:
 A/C Reg:
 A/C Type:

Flight No:
 From:
 To:
 TLOG:
 Seq.:

16

TOFF: 10:00 - LND: 20:00

ETOPS IN (HH:MM): *
 ETOPS OUT (HH:MM): *
 ETOPS TIME:

17

ID:	ETOPS_IN:	ETOPS_OUT:	ETOPS_TIME:
2520	12:00	13:00	01:00

19

15. To open ETOPS Editor, click ETOPS button on the top of the Editor list.

16. Data such as Date, A/C Reg, A/C Type, Flight No, From, To and TLOG will appear automatically.

17. Type the ETOPS IN time and ETOPS OUT time. The system automatically calculates ETOPS time difference.

18. Click on the ADD button (at the top of the editor) to save data.

19. You can see saved ETOPS data on the ETOPS Editor List below.

20. You can update the new ETOPS data. Highlight the line (view 19) and click on the UPDATE button.

21. To remove ETOPS data, highlight the line (view 19) and click on the DELETE button.

22. To reset all ETOPS data, click on the REFRESH button.

The screenshot displays the 'Aircraft Utilization' software interface. On the left, there is a table titled 'Aircraft-APU Utilization Registration List' for the date '03-Jun-2020'. The table contains three rows of flight data. On the right, the 'AC Utilization Editor' form is shown, which includes fields for Date, A/C Reg, A/C Type, Flight No, From, To, TLOG, and Seq. The form also has checkboxes for 'Maintenance' and 'According to Schedule', and a 'Service' button. Two blue callout boxes with numbers 23 and 24 point to the 'Maintenance' checkbox and the 'Service' button, respectively.

ID:	REG:	Date TOFF:	Flight:	From:	To:	TOFF:	LND:	TLOG:	Hours:	Cycles:	Total Hours:
203762	VQ-BBB	2020-06-03 10:00	123	DME	YKS	10:00	20:00	35432/1	10:00	1	49217.55
203766	VQ-BBB	2020-06-03 11:00	321	DME	YKS	11:00	23:30	35432/4	12:30	1	49259.25
203767	VQ-BBB	2020-06-03 12:00	123	DME	YKS	12:00	21:00	35432/5	09:00	1	49268.25

23. You can tick Maintenance field and According Schedule field as supporting information.

24. Click on the Service button if you performed maintenance procedure (oil servicing, refuel operation, tire pressure check, work orders). You will see TLOG LINE CHECK window.

TLOG LINE CHECK

Station : **TLL**

T/Log Number: * **35432/1** Seq: **1**

A/C Reg. : * **VQ-BBB** A/C Type : * **B737-800** DATE : * **03-Jun-2020** TIME: hh:mm **10:00** Flight No. : **123** FH : * **49217.55** FC : * **22066**

Raised by : * **PR** Type: PR Mtx Schd Ref. WO/WP: **123**

Wheel Pressure, Psi

	NW1 :	NW2 :	MW1 :	MW2 :	MW3 :	MW4 :
Checked :	0	0	0	0	0	0
Inflated to :	0	0	0	0	0	0

Oils, Qt

APU rem :	0	GD1 :	0
E1 rem :	0	APU :	0
E1 :	0	GD2 :	0
E2 rem :	0	H1 :	0
E2 :	0	H2 :	0
		H3 :	0
		Strt1 :	0
		Strt2 :	0

Fuel Info:

PRIOR FUELLING :	0
UPLIFT :	0
DEPARTURE :	0
ARRIVAL :	0

CRS by : * **123** CRS Date * **03-Jun-2020** CRS UTC : * **10:00**

Rll by : **123** CRS STA : * **TLL** Hour: **00** Minute: **00**

FF/TR: DY/SC: WY: L-Check:

25. Station and T/Log Number will appear automatically.

26. Data such as A/C Reg, A/C Type, Date, FH and FC will appear automatically. If the edit date is not today, use the calendar to select the correct flight date of proper aircraft. Fill the "TIME" and "Flight No" fields.

27. Select a mechanical ID number in "Raised by" field. If it is necessary, tick PR or Mtx or Schd field, where:

- PR – Pilot Remarks. Pilot makes report about fault in TLB before departure or after arrival.
- Mtx – Maintenance Remarks. Fault report is made in TLB by maintenance staff.
- Schd – Schedule Remarks. It means defect rectification, or troubleshooting procedure during ground time.

In the WO/WP field please select work order number or work package number related Line Check.

TLOG LINE CHECK

Station : **TLL**

TLog Number: * **35432/1** Seq: **1**

A/C Reg. : * **VQ-BBB** A/C Type : * **B737-800** DATE : * **03-Jun-2020** TIME: hh:mm **10:00** Flight No. : **123** FH : * **49217.55** FC : * **22066**

Raised by : * **[User]** Type: PR Mtx Schd Ref. WO/WP: **[User]**

Wheel Pressure, Psi

	NW1 :	NW2 :	MW1 :	MW2 :	MW3 :	MW4 :
Checked :	0	0	0	0	0	0
Inflated to :	0	0	0	0	0	0

Oils. Qt

APU rem :	0	GD1 :	0
E1 rem :	0	APU :	0
E1 :	0	GD2 :	0
E2 rem :	0	H1 :	0
E2 :	0	H2 :	0
		H3 :	0
		Strt1 :	0
		Strt2 :	0

Fuel Info:

PRIOR FUELLING : **0**

UPLIFT : **0**

DEPARTURE : **0**

ARRIVAL : **0**

CRS by : * **[User]** CRS Date * **03-Jun-2020** CRS UTC : * **10:00**

Rll by : **[User]** CRS STA : * **TLL** Hour: **00** Minute: **00**

FF/TR: DY/SC: WY: L-Check:

28. Enter NW (Nose Wheel) and MW (Main Wheel) pressure data when checking and after inflated.

29. Enter result of engines oil servicing. For example, E1 rem means oil remain of the engine #1, but E1 means oil quantity after engine #1 after refill.

30. Enter result of APU oil servicing. APU rem means APU oil remain.

31. Enter result of hydraulic reservoir servicing. For example, H1 means hydraulic quantity of the first reservoir.

32. Enter result of drive generator oil servicing. For example, GD1 means generator drive of engine #1.

33. Enter result of starter oil servicing. For example, Strt1 means starter of engine #1.

TLOG LINE CHECK

Station : **TLL**

TLog Number: * **35432/1** Seq: **1**

Add **Update** **Refresh**

A/C Reg. : * **VQ-BBB** A/C Type : * **B737-800** DATE : * **03-Jun-2020** TIME: hh:mm **10:00** Flight No. : **123** FH : * **49217.55** FC : * **22066**

Raised by : * **[User]** Type: PR Mtx Schd Ref. WO/WP: **[User]**

Wheel Pressure, Psi

	NW1 :	NW2 :	MW1 :	MW2 :	MW3 :	MW4 :
Checked :	0	0	0	0	0	0
Inflated to :	0	0	0	0	0	0

Oils. Qt

APU rem :	0	GD1 :	0
E1 rem :	0	APU :	0
E1 :	0	GD2 :	0
E2 rem :	0	H1 :	0
E2 :	0	H2 :	0
		H3 :	0
		Strt1 :	0
		Strt2 :	0

Fuel Info:

PRIOR FUELLING : **0**

UPLIFT : **0**

DEPARTURE : **0**

ARRIVAL : **0**

CRS by : * **[User]** CRS Date * **03-Jun-2020** CRS UTC : * **10:00**

Rll by : **[User]** CRS STA : * **TLL** Hour: **00** Minute: **00**

FF/TR: DY/SC: WY: L-Check:

Close

34. Enter refuelling procedure data, where:

- PRIOR FUELLING –remain of fuel on the board.
- UPLIFT – refuelling quantity.
- DEPARTURE – total fuel quantity on the board before flight.
- ARRIVAL – remain of fuel on the board after arrival.

35. Enter mechanical ID number to “CRS by” field, type CRS date and CRS time (in UTC). If another person was involved in the work, you can note additional signature in the “Rll by field”. Type the airport station, where CRS was issued. Also, you can enter hours and minutes to display the total work time of the maintenance staff.

TLOG LINE CHECK

Station : **TLL**

TLog Number: * **35432/1** Seq: **1**

Add Update Refresh

A/C Reg. : * **VQ-BBB** A/C Type : * **B737-800** DATE : * **03-Jun-2020** TIME: hh:mm **10:00** Flight No. : **123** FH : * **49217.55** FC : * **22066**

Raised by : * **[User]** Type: PR Mtx Schd Ref. WO/WP: **[User]**

Wheel Pressure, Psi

	NW1 :	NW2 :	MW1 :	MW2 :	MW3 :	MW4 :
Checked :	0	0	0	0	0	0
Inflated to :	0	0	0	0	0	0

Oils. Qt

APU rem :	0	GD1 :	0
E1 rem :	0	APU :	0
E1 :	0	GD2 :	0
E2 rem :	0	H1 :	0
E2 :	0	H2 :	0
		H3 :	0
		Strt1 :	0
		Strt2 :	0

Fuel Info:

PRIOR FUELLING : **0**

UPLIFT : **0**

DEPARTURE : **0**

ARRIVAL : **0**

CRS by : * **[User]** CRS Date * **03-Jun-2020** CRS UTC : * **10:00**

Rll by : **[User]** CRS STA : * **TLL** Hour: **00** Minute: **00**

FF/TR: DY/SC: WY: L-Check:

Close

36. Select by tick the type of line maintenance, where:

- FF/TR – transit check
- DY/SC – daily check
- WY – weekly check
- L-check – line check

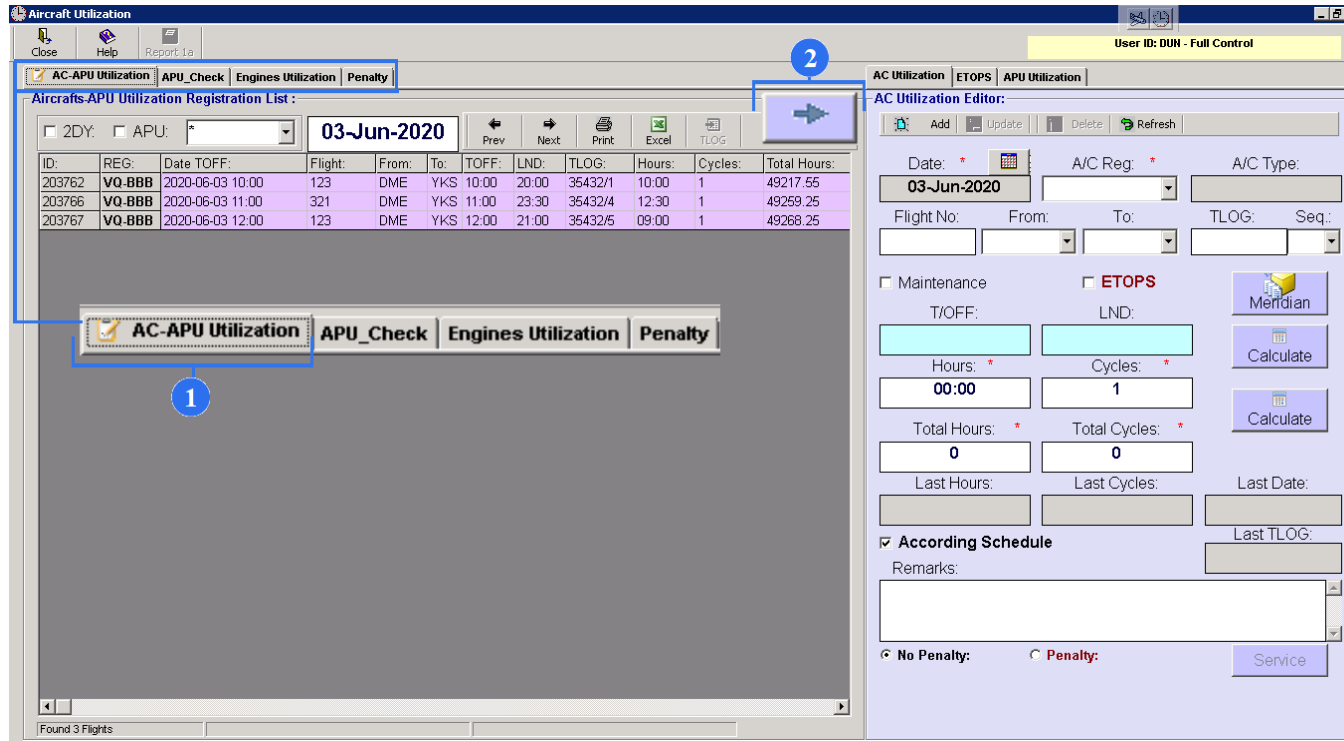
37. To save entered data push “Add” on the upper toolbar.

After TLOG LINE CHECK editing completion you can still change other fields. After new data enter click Update button on the upper toolbar. To reset all data, click on the REFRESH button.

38. To close TLOG LINE CHECK window, push “CLOSE” button on the right bottom side of the window.

3. APU Utilization

APU Utilization section explains how to register total APU hours and total APU cycles. Also, this section allows to print APU temperature.



The screenshot shows the 'Aircraft Utilization' software interface. The main window displays a table of flight data under the 'AC-APU Utilization' tab. The table has columns for ID, REG, Date TOFF, Flight, From, To, TOFF, LND, TLOG, Hours, Cycles, and Total Hours. Three rows of data are visible. Below the table, there are buttons for 'AC-APU Utilization', 'APU_Check', 'Engines Utilization', and 'Penalty'. The 'AC-APU Utilization' button is highlighted with a blue box and a circled '1'. To the right, the 'AC Utilization Editor' panel is visible, showing fields for Date, A/C Reg, A/C Type, Flight No, From, To, TLOG, Seq, and buttons for 'Meridian', 'Calculate', and 'Service'. The 'AC-APU Utilization' button in the main area is also highlighted with a blue box and a circled '2'.

1. To open an Aircrafts-APU Utilization Registration List, click on the AC-APU Utilization button.





2. To open the APU Utilization Editor, click on the arrow button.


NOTE: Fields with a reference marks (*) are mandatory to fill. 'TLog' field can be also filled as 'N/A'.

3

AC Utilization | ETOPS | **APU Utilization**

APU Utilization Editor:

 Add |  Update |  Delete |  Refresh

Date:  03-Jun-2020

A/C Reg: * *
*

A/C Type:

APU PN: *

APU SN: *

Flight No:

From:

To:

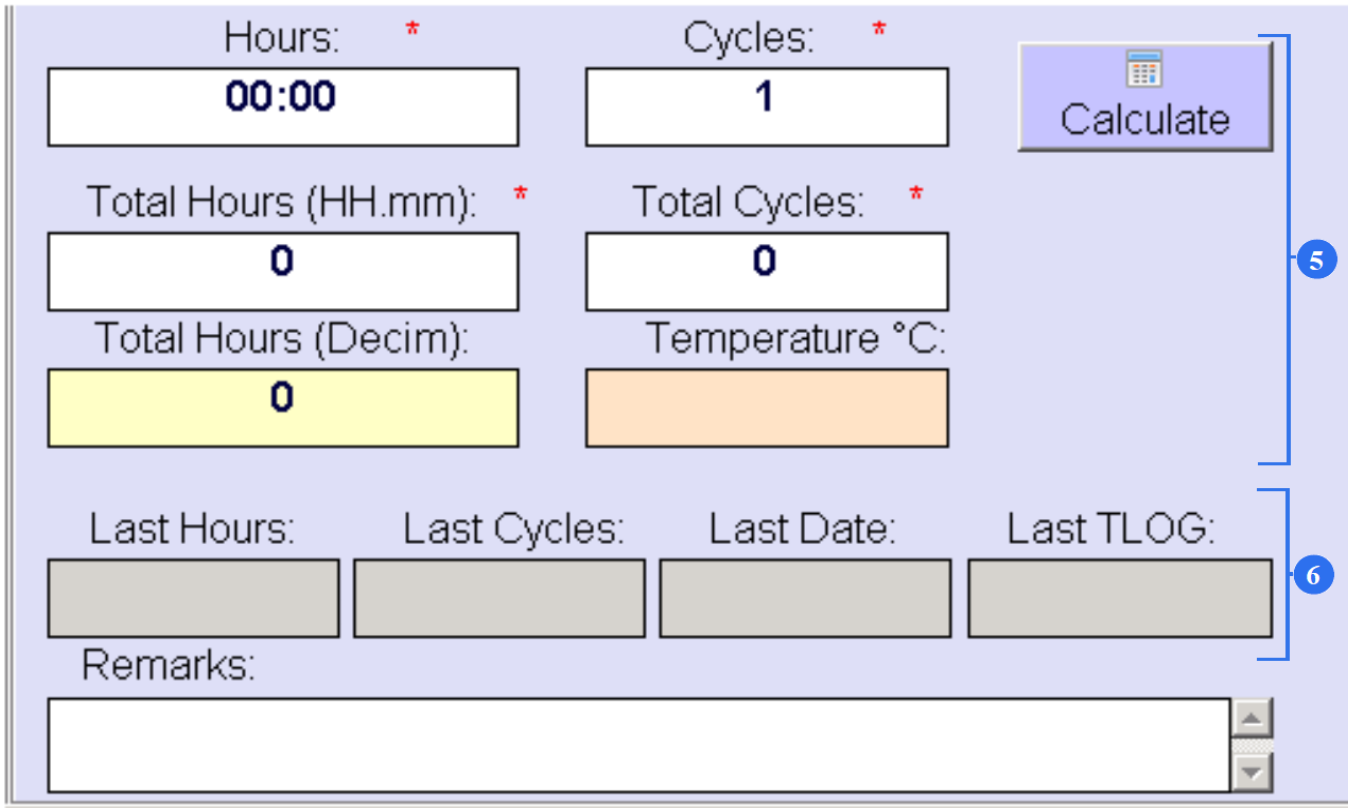
TLOG:

Seq.:

4

3. Select APU Utilization tab at the top of the editor.

4. An APU Editor will automatically generate a today's date. If the edit date is not today, use the calendar to select the correct flight date of proper aircraft. Select aircraft registration. Aircraft type will appear automatically. Write in Flight No/From/To and TLOG fields.



Hours: * 00:00

Cycles: * 1

Calculate

Total Hours (HH.mm): * 0

Total Cycles: * 0

Total Hours (Decim): 0

Temperature °C:

Last Hours: Last Cycles: Last Date: Last TLOG:

Remarks:

5. Type hours and cycles. To calculate total hours and cycles click on the Calculate button. Total Hours (HH.mm) field lets you to read APU total hours in decimal value. Also, you can type temperature data.

6. The Last Hours, Last Cycles, Last Date and Last TLOG are also provided.

AC Utilization | ETOPS | **APU Utilization**

APU Utilization Editor:

9 10

7 8

Add Update Delete Refresh

Date: 04-Jun-2020

A/C Reg: * VQ-BBB

A/C Type: B737-800

APU PN: * 3800702-1

APU SN: * P-5612

Flight No: From: To: TLOG: Seq:

7. Click on the ADD button to save data.

8. You can update the new APU data. Highlight the line (view 12) and click on the UPDATE button.

9. To remove APU data, highlight the line (view 12) and click on the DELETE button.

10. To reset all APU data, click on the REFRESH button.

Aircraft Utilization

Close Help

AC-APU Utilization APU_Check Penalty

Aircrafts-APU Utilization Registration List :

2DY: APU: **VP-BCH** **Jun-2019**

ID:	REG:	Date TOFF:	Flight:	From:	To:	TOFF:	LND:	TLOG:	Hours:	Cycles:	Total Hk
60137	VP-BCH	2019-06-01 10:46	9789	HHN	OVB	10:46	16:06	001964	05:20	1	75057
60138	VP-BCH	2019-06-01 19:31	9889	OVB	CGO	19:31	23:22	001965	03:51	1	75060

Round 26 Flights

ID:	Reg:	Date:	Flight:	APU_PN:	APU_SN:	From:	To:	TLOG:	Hours:	Cycles:	Total Hours
187	VP-BCH	2019-06-09		PW901A	PCE900711	HHN	HHN		19207:07	16120	19207

11

12

11. To see save APU data, it is necessary to tick APU field on the Aircrafts-APU Utilization Registration List.

12. You will see two fields: upper field is Aircraft utilization data and down field is APU utilization data.

4. Correction

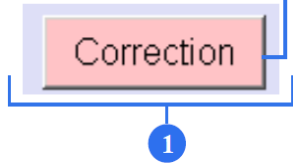
In case of incorrectly entered value or missing records you need correct AC Utilization value. Correction section provides recalculation of Total AC Utilization values from selected record to last record in sequence.

The screenshot displays the 'Aircraft Utilization' application interface. On the left, the 'Aircraft-APU Utilization Registration List' shows a table of records. On the right, the 'AC Utilization Editor' form is visible, which is used to input and correct utilization data for a specific record.

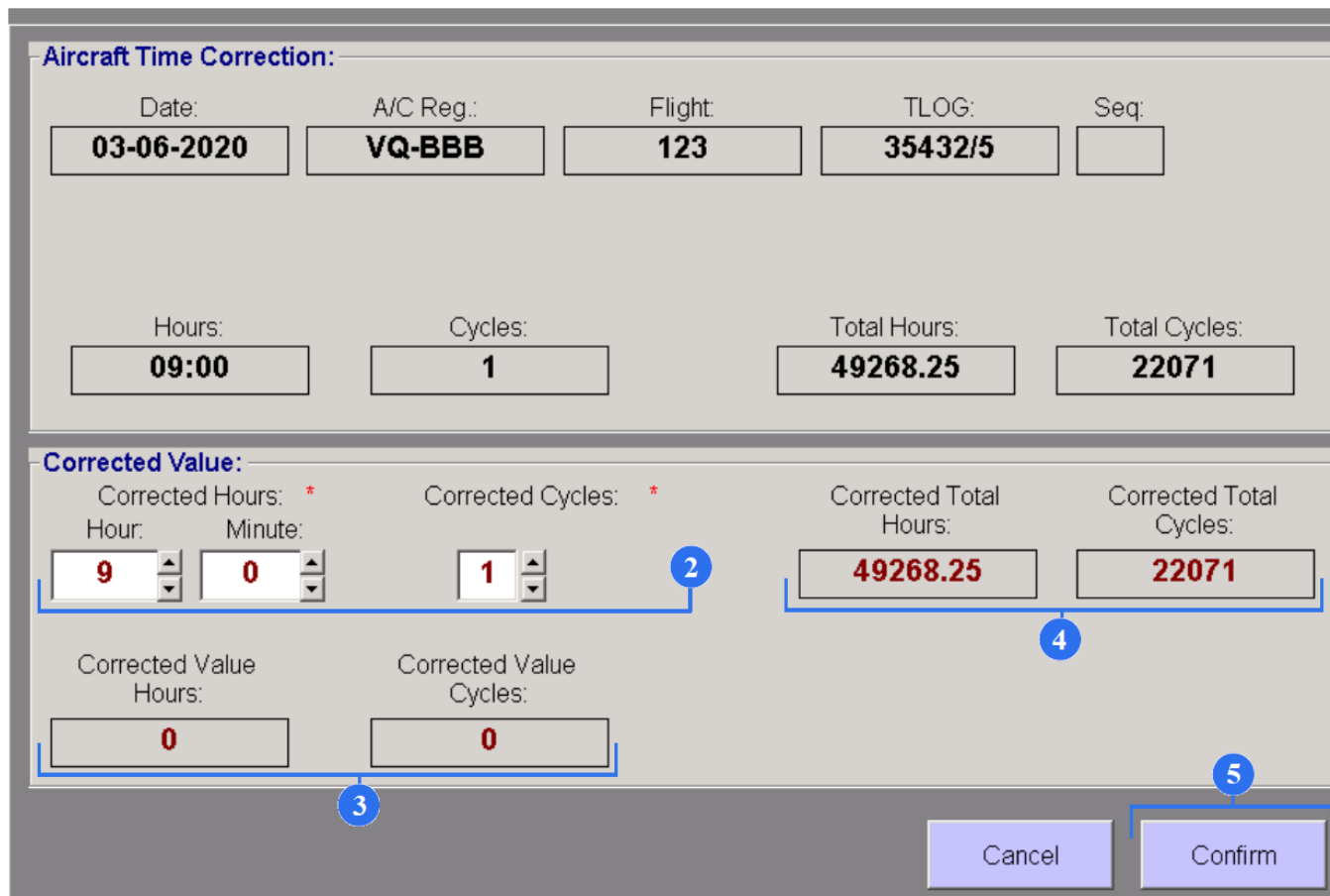
ID:	REG:	Date TOFF:	Flight:	From:	To:	TOFF:	LND:	TLOG:	Hours:	Cycles:	Total Hours:
53528	VP-BCH	2019-01-21	MAINT	GYD	GYD			001880	00:00	0	74674.05
53549	VP-BCH	2019-02-14	MAINT	GYD	GYD			001881	00:00	0	74674.05
53559	VP-BCH	2019-02-27	MAINT	GYD	GYD			001882	00:00	0	74674.05
53618	VP-BCH	2019-04-06 11:17	9307	GYD	MST	11:17	15:56	001883	04:39	1	74678.44
53619	VP-BCH	2019-04-07 08:07	9308	MST	GYD	08:07	12:41	001884	04:34	1	74683.18
53620	VP-BCH	2019-04-08 16:21	9501	GYD	HKG	16:21	00:27	001885	08:06	1	74691.24
53621	VP-BCH	2019-04-09 02:38	9654	HKG	SVO	02:38	12:17	001886	09:39	1	74701.03
53623	VP-BCH	2019-04-09 16:09	9305	SVO	MST	16:09	19:03	001887	02:54	1	74703.57
53624	VP-BCH	2019-04-09 20:00	MAINT	MST	MST	20:00	20:00	001888	00:00	0	74703.57
53625	VP-BCH	2019-04-11 12:00	MAINT	MST	MST	12:00	12:00	001889	00:00	0	74703.57
53630	VP-BCH	2019-04-13 08:14	9636	MST	OVB	08:14	13:46	001890	05:32	1	74709.29
53631	VP-BCH	2019-04-13 17:44	9635	OVB	HKG	17:44	23:29	001891	05:45	1	74715.14
53638	VP-BCH	2019-04-18 14:39	9658	HKG	SVO	14:39	00:19	001892	09:40	1	74724.54
60016	VP-BCH	2019-04-19 03:36	9305	SVO	MST	03:36	06:30	001893	02:54	1	74727.48
60017	VP-BCH	2019-04-26 12:00	MAINT	MST	MST	12:00	12:00	001894	00:00	0	74727.48
60018	VP-BCH	2019-04-27 10:19	9342	MST	DWC	10:19	16:39	001895	06:20	1	74734.08
60019	VP-BCH	2019-04-27 19:14	9841	DWC	HKG	19:14	02:48	001896	07:34	1	74741.42
60020	VP-BCH	2019-04-28 06:00	858	HKG	SVO	06:00	15:29	001897	09:29	1	74751.11
60021	VP-BCH	2019-04-29 02:26	9305	SVO	MST	02:26	05:11	001898	02:45	1	74753.56
60028	VP-BCH	2019-04-30 20:41	9785	MST	OVB	20:41	02:30	001899	05:49	1	74759.45
60035	VP-BCH	2019-05-01 05:16	9885	OVB	CGO	05:16	09:12	001900	03:56	1	74763.41
60036	VP-BCH	2019-05-01 12:47	9886	CGO	OVB	12:47	17:19	001901	04:32	1	74768.13
60037	VP-BCH	2019-05-02 00:39	9786	OVB	MST	00:39	06:51	001902	06:12	1	74774.25
60038	VP-BCH	2019-05-04 06:47	9636	MST	OVB	06:47	12:09	001903	05:22	1	74779.47
60039	VP-BCH	2019-05-04 17:40	835	OVB	HKG	17:40	23:25	001904	05:45	1	74785.32
60046	VP-BCH	2019-05-05 03:39	858	HKG	SVO	03:39	13:18	001905	09:39	1	74795.11
60048	VP-BCH	2019-05-05 14:00	MAINT	SVO	SVO	14:00	14:00	001906	00:00	0	74795.11
60049	VP-BCH	2019-05-05 15:00	MAINT	SVO	SVO	15:00	15:00	001907	00:00	0	74795.11

The AC Utilization Editor form on the right includes fields for Date (27-Feb-2019), A/C Reg (VP-BCH), A/C Type (B747-400F), Flight No (MAINT), From (BBB), To (AAA), and TLOG (001882). It also features input fields for Hours (00:00) and Cycles (0), and summary fields for Total Hours (74674.05) and Total Cycles (13913). A 'Correction' button is highlighted with a red box and a blue arrow pointing to a 'Correction' label in a separate box below the screenshot.

1. Select on the Aircraft-APU Utilization Registration List the record needs to be corrected and push "Correction button" on the AC Utilization Editor and correction editor will be run.



NOTE: Correction editor consist of two frames. Upper frame is called by Aircraft Time Correction. It shows current value (selected record). Lower frame is called by Corrected Value. It permits to correct hours and cycles and show s new Total AC Utilization values from selected record to last record in sequence.



Aircraft Time Correction:

Date:	A/C Reg.:	Flight:	TLOG:	Seq:
03-06-2020	VQ-BBB	123	35432/5	

Hours:	Cycles:	Total Hours:	Total Cycles:
09:00	1	49268.25	22071

Corrected Value:

Corrected Hours: *	Corrected Cycles: *	Corrected Total Hours:	Corrected Total Cycles:
Hour: 9 Minute: 0	1	49268.25	22071

Corrected Value Hours:	Corrected Value Cycles:
0	0

Buttons: Cancel, Confirm

2. Type new hours and minutes. You can also type new cycles.

3. Difference of the hours and cycles will automatically appear.

4. You can see corrected total hours and total cycles data.

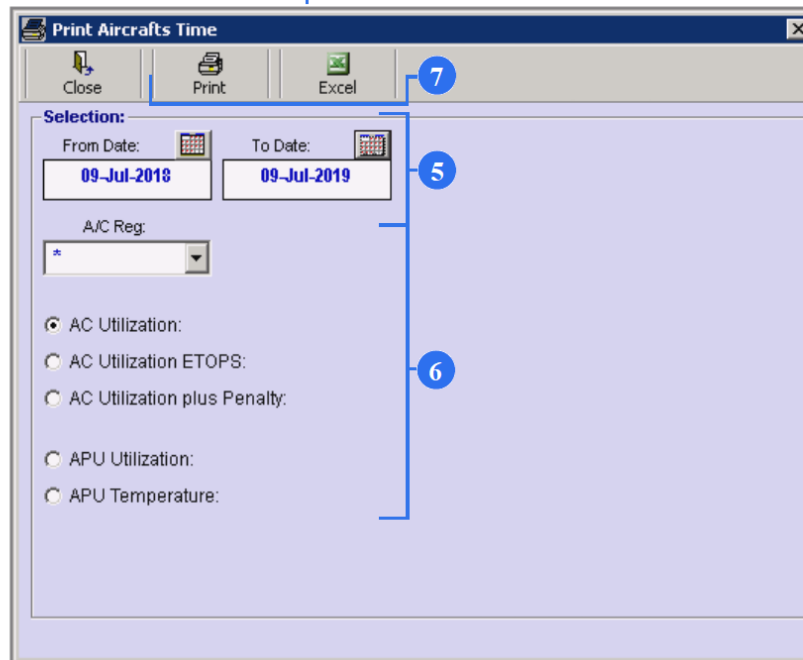
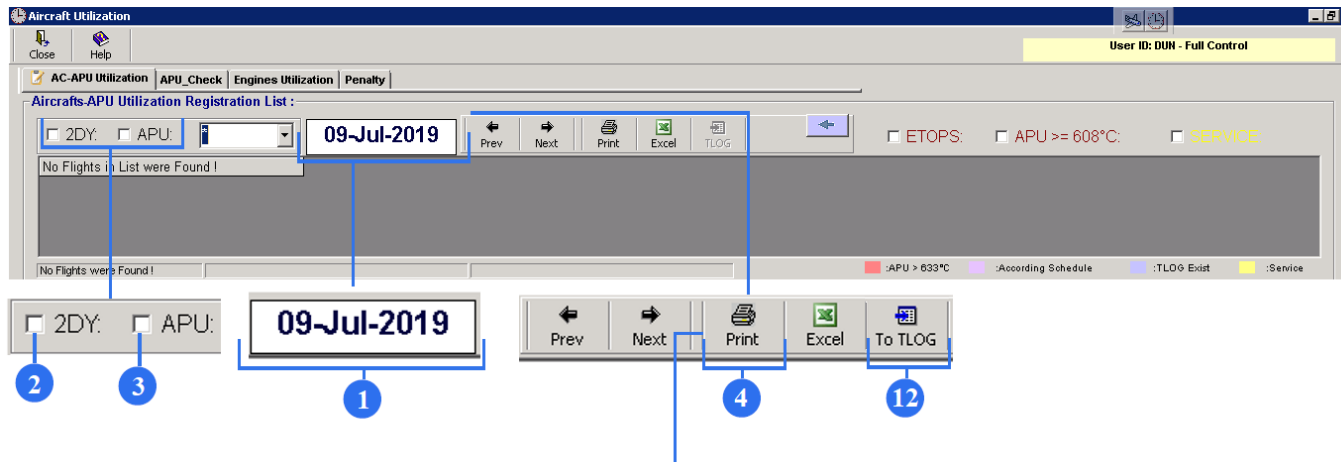
5. Push “Confirm” button to run recalculation of Total AC Utilization values from selected record to last record in sequence.

In case of missing records do these steps:

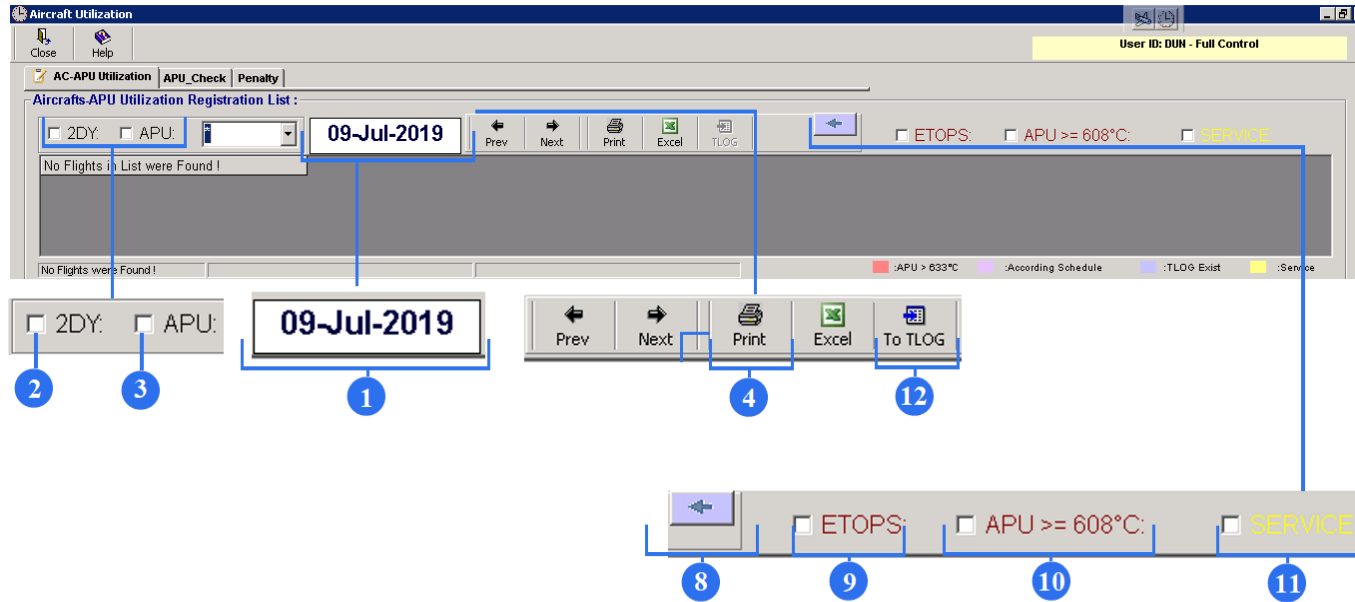
- Enter the missing record (see Aircraft Utilization chapter on the page 3);
- Select record above newly inserted record;
- Open correction editor (push “Correction” button)

To run recalculation, click “Confirm” button with zero corrected value.

5. Flight Data Filters and Printout



1. You can view flights of a selected aircraft at a particular date. For this action enter a necessary date in the date field.
2. If you need to view flights of the day before a particular date, tick the “2DY” field.
3. To view registered APU, tick the “APU” field.
4. You can print out flight data within a particular period of time. Click on the PRINT button.
5. Select from date and to date.
6. Select an aircraft and type of AC or APU data.
7. Click on the PRINT button. To view and print aircrafts time in the Excel format, click on Excel button.
8. Push needle button and Editor page will disappear.
9. Tick the ETOPS field to select from the whole list of the aircraft utilization only lines with ETOPS status.



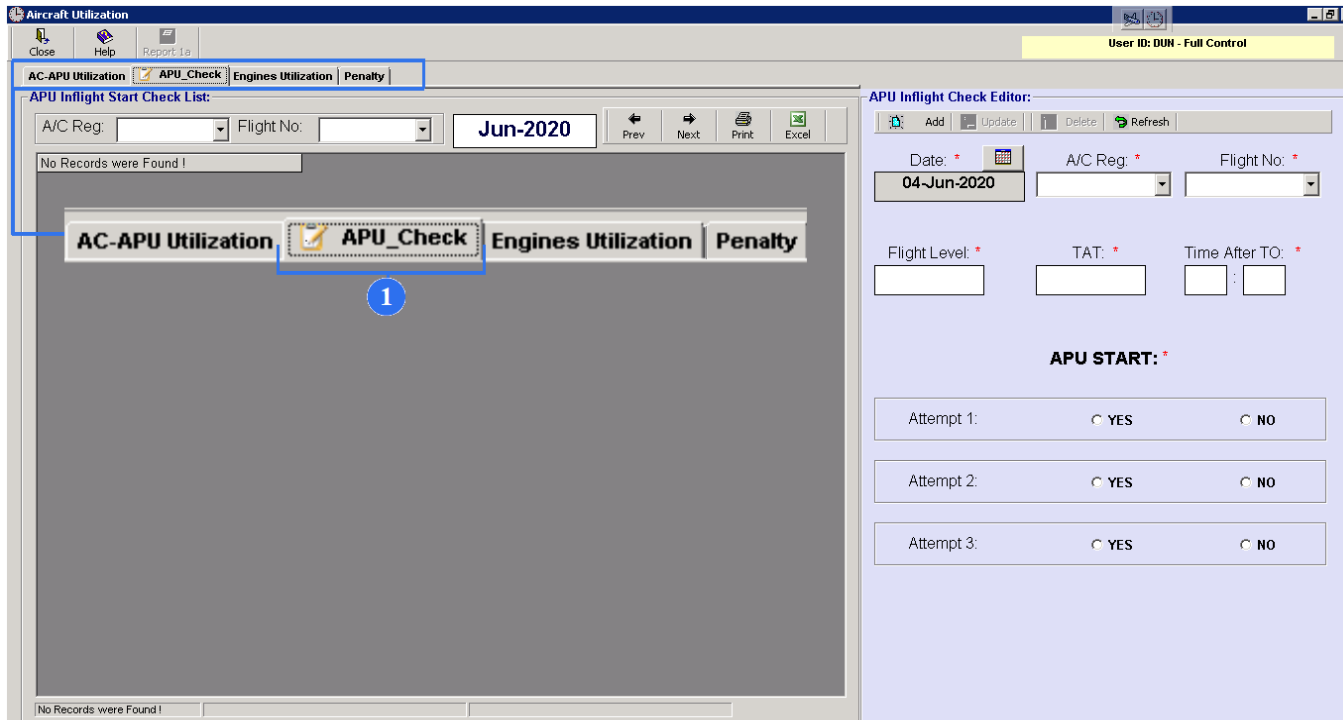
10. Tick the APU>=608°C field to select from the whole list of the aircraft utilization only lines with APU editor data, where temperature is more than 608°C.

11. Tick the SERVICE field to select from the whole list of the aircraft utilization only lines, where there are service during pre-flight check.

12. If there was maintenance during pre-flight check for example after arrival report about system failure, push “To TLOG” button to write in your action. TLOG submodule filling rule you can see in TLOG user guidance. (PART M module - select TLOG submodule - select HELP insert).

6. APU Check

APU CHECK section allows to register APU start procedure in flight.



1. APU Check is used to register APU start in flight. To open an APU Inflight Start Check List, click on the APU Check button.

NOTE: Fields with a reference marks (*) are mandatory to fill.

APU Inflight Check Editor:

7 8

5 6

Add Update Delete Refresh

Date: * 04-Jun-2020

A/C Reg: * Flight No: *

2

Flight Level: * TAT: * Time After TO: *

3

APU START: *

Attempt 1:	<input type="radio"/> YES	<input type="radio"/> NO
Attempt 2:	<input type="radio"/> YES	<input type="radio"/> NO
Attempt 3:	<input type="radio"/> YES	<input type="radio"/> NO

4

2. An APU Inflight Check Editor will automatically generate a today's date. If the edit date is not today, use the calendar to select the correct flight date of proper aircraft. Select aircraft registration and type Flight No.

3. Write in Flight Level/TAT/Time After TO fields.

4. Tick Yes/No opposite each attempt.

5. Click on the ADD button to save data.

6. You can update the new data. Highlight the line (view 9) and click on the UPDATE button.

7. To remove APU inflight check data of the corresponding aircraft, highlight the line (view 9) and click on the DELETE button.

8. To reset all data, click on the REFRESH button.

The screenshot shows the 'Aircraft Utilization' application window. The 'APU Check' tab is active. On the left, the 'APU Inflight Start Check List' displays a table with one record. A blue circle with the number '9' is placed over the 'Attempt1' column of this record. On the right, the 'APU Inflight Check Editor' is open, showing a form for editing the selected record. The form includes fields for Date, A/C Reg, Flight No, Flight Level, TAT, and Time After TO, along with three 'APU START' attempt sections, each with 'YES' and 'NO' radio buttons.

ID:	Date:	AC_Reg:	Flight:	FltLevel:	TAT:	TimeAfterTO:	Attempt1:	Attempt2:	Attempt3:
41	2020-06-04	VQ-BBB	1	123	50	12 : 35	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

9. You can see APU inflight check data on the APU Inflight Start Check List.

7. Engine Utilization

The screenshot displays the 'Aircraft Utilization' application. The 'Engines Utilization' tab is active, showing a table of engine utilization data for aircraft VQ-BBB. The table includes columns for ID, REG, Date TOFF, Flight, From, To, TOFF, LND, TLOG, IPC Pos, Position, PN, SN, Engine FH, Engine FC, AC FH, and AC FC. The selected engine is CFM56-7B26 with SN 888343, and the date is 03-Jun-2020.

The 'Actual Component Editor' window is also open, showing details for the selected component (CFM56-7B26, SN: 888343). The 'Component Data' section includes fields for Install Date (01-Dec-2016), Install FH (38675.36), FC (19563), Total Date (03-Jun-2020), Total FH (49268.25), and Total FC (22071). The 'CALCULATED' section shows TSI (10592.49), CSI (2508), TSN (37453.00), CSN (18871), TSOH (17551.00), CSOH (6378), TSM (28143.49), CSM (8886), TSR (0), CSR (0), TSM (10592.49), CSM (2508), TSM (28143.49), and CSR (0).

1. To open an Engine Utilization List, click on the Engine Utilization tab.

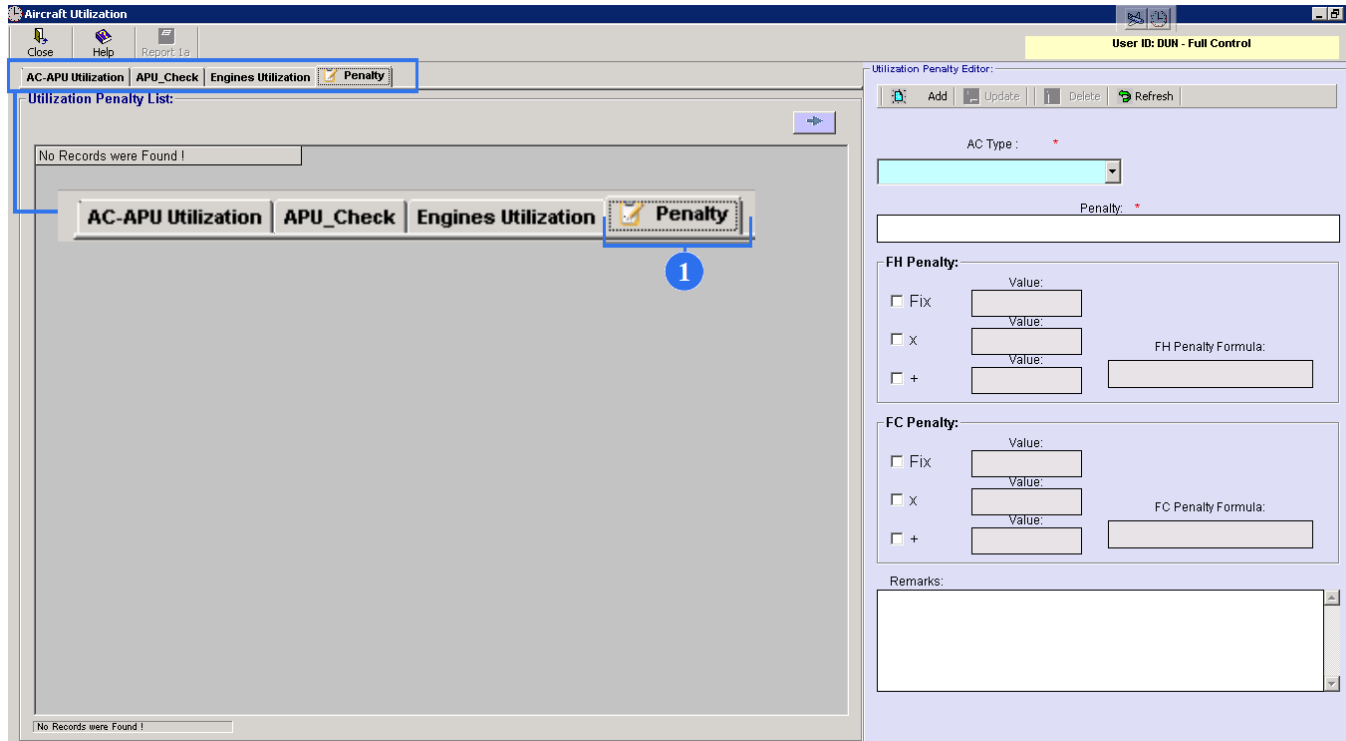
2. Select aircraft registration, serial number of engine and correct date.

3. You can see engine utilization information. This data is generated from AC Utilization. Last 4 columns are Engine FH (time since new), Engine FC (Cycle since new), AC FH (time in one flight) and AC FC.

4. Also, all engine data changes may be monitored in the "Actual Component Editor".

8. Penalty Registration.

Penalty Registration section is necessary to register penalties that will be displayed in case of helicopter utilization registration or in case of any types of aircraft if there is special flight operation condition that affects the component resource.







1. Click on the Penalty button to open Utilization Penalty List.

NOTE: Do not forget click Penalty field on the AC UTILIZATION EDITOR page.

NOTE: Fields with a reference marks (*) are mandatory to fill.

Utilization Penalty Editor:

 Add  Update  Delete  Refresh

AC Type : *

Penalty: *

2. Select aircraft type and fill Penalty field by flight condition (for example- 27 nots wind).

FH Penalty:

Fix Value:

X Value:

+ Value:

FH Penalty Formula:

FC Penalty:

Fix Value:

X Value:

+ Value:

FC Penalty Formula:

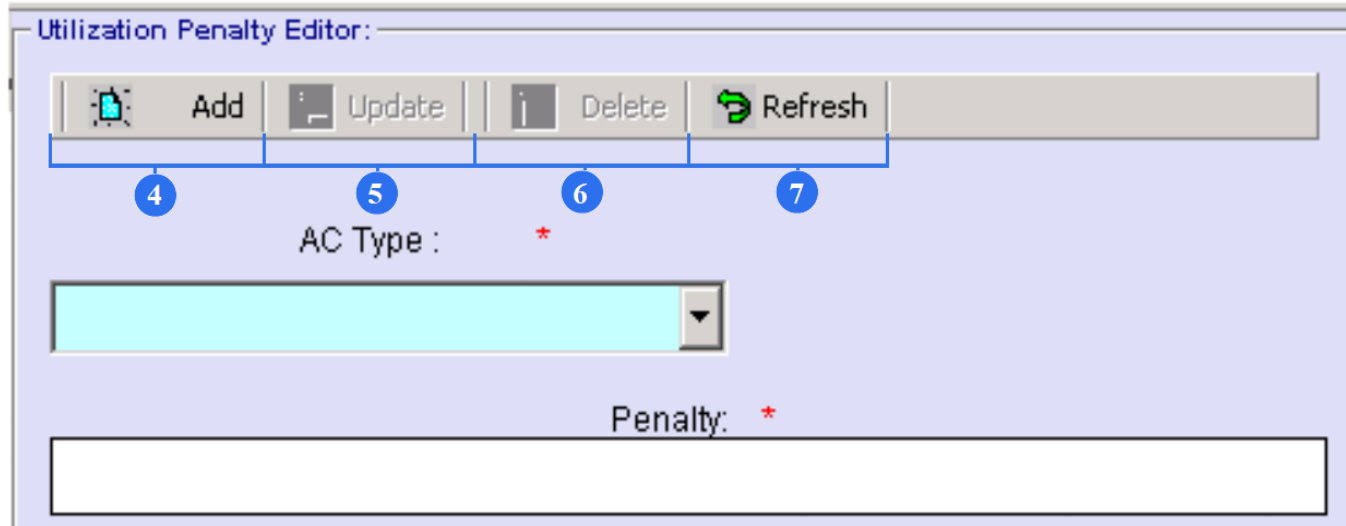
Remarks:

3

3. All Penalties (Flight Hours/Cycles) can be:

- Fixed – “Fix”
- Multiplied – “X”
- Added – “+”

Type the value for penalty.



Utilization Penalty Editor:

Add Update Delete Refresh

4 5 6 7

AC Type : *

Penalty: *

4. Click on the ADD button to save.

5. You can update a penalty. Highlight it from the list of penalties, make changes and click on the update.

6. You can delete a penalty. Highlight it and click on the DELETE button.

7. To reset all data, click on the REFRESH button.

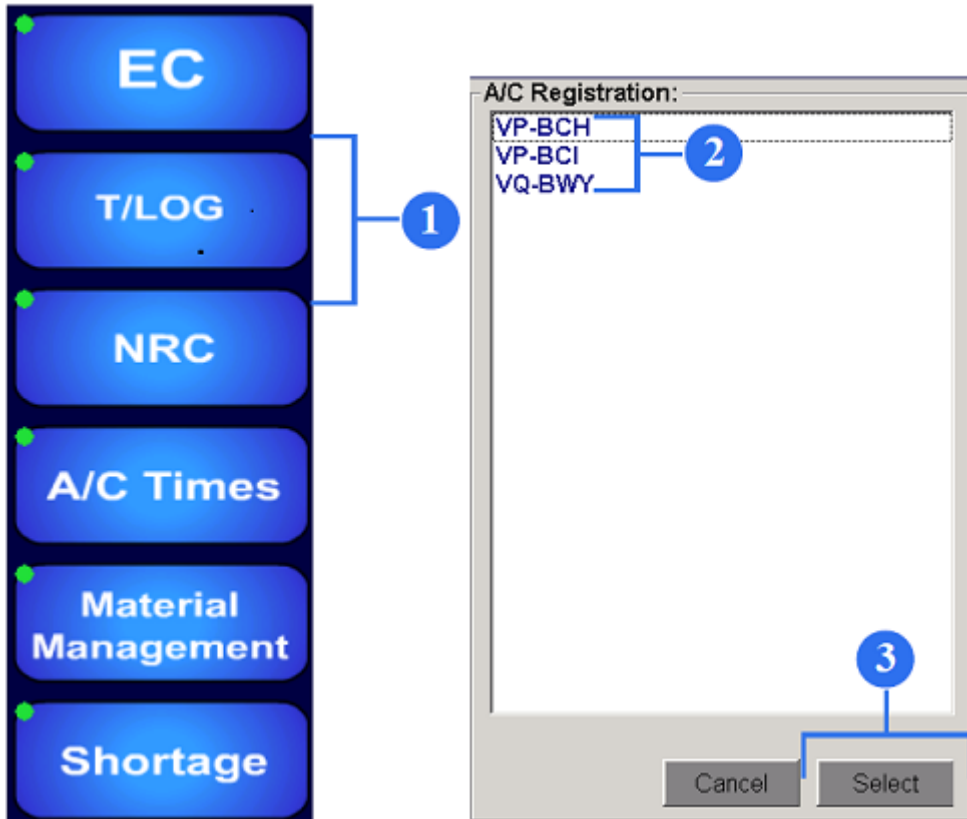
T/LOG – Technical Log

User guidance

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1. General Information



A Technical Log sub-module registers all primary information, obtained from a pilot, result of maintenance performance and further troubleshooting actions, taken by a mechanic.

To begin to work with this submodule, you need click “T/LOG” button (1) on the right side of the PART M module list. A small window will appear. It contains aircraft registration list (2). Highlight the related aircraft and click on the “Select” button below (3).

The user’s manual consists of six sections: Technical Log Creation, Component Replacement (LRU), Technical Log Line Check, Transfer to NRC and transfer to WO, Reports and View.

Technical Log Creation provides step by step overview of the new T/Log creation with defect rectification, of the T/Log creation with MEL/CDL and of the T/Log creation with closing reference DMI number.

Component Replacement (LRU) section explains how to register replace of the component. Technical Log Line Check section give you information about results of service procedure. Also, while T/Log creating with MEL/CDL you can use transfer to NRC function or transfer to WO function. Thanks to these features, it is possible to monitor opened defect.

Reports section explains how to see all the DMI (HIL) closed and opened reports. Also, you can find aircraft maintenance history for any period. View section shows all the creating T/Logs.

2. Technical Log Creation

2.1 T/Log creation with a defect rectification

The screenshot shows the 'NEW' form for creating a Technical Log. The interface includes a toolbar at the top with buttons for Close, Add, New, Update, and Delete. The main form is divided into several sections:

- Header Section:** Contains fields for Station (DUN), A/C Reg. (VP-BCH), A/C Type (B747-400F), DATE (03-Jul-2019), Flight No., Take Off, Landing, Total FH (75211.13), and FC (14011).
- Form Fields:** Includes T/Log Number, Seq., Raised by, PR, Mbx, and Schd. A 'Select' button is present for the PR field.
- Complaint Section:** Features a dropdown for 'Complaint' (Correction) and a checkbox for 'Technical Delay'.
- Action Section:** Includes a dropdown for 'Action' (Correction) and a checkbox for 'Unconfirmed Failure'. A warning message states: 'Flight Data for Current TLOG Not Found ! Used Last Found Data ! For Date: 03-Jul-2019'.
- Footer Section:** Contains 'Transferred to DMI', 'Ref. MEL/CDL', 'Due Date', 'Due FH', 'Due FC', 'CRS by', 'CRS Date' (03-Jul-2019), 'CRS UTC', 'Rll by', 'CRS STA' (DUN), 'Hour', and 'Minute'.

Numbered callouts (1-18) point to specific elements: 1 (New button), 2 (Close button), 3 (Station dropdown), 4 (Raised by dropdown), 5 (PR dropdown), 6 (Complaint dropdown), 7 (Action dropdown), 8 (Warning message), 9 (A_ATA field), 10 (M checkbox), 11 (T checkbox), 12 (E checkbox), 13 (A_ATA field), 14 (CRS Date field), 15 (Add button), 16 (Close button), 17 (Update button), and 18 (Delete button).

1. To create a new T/L, push NEW button on the upper toolbar of the Technical LOG screen.

2. Select airport station. A/C REG; A/C Type; Flight No fields are automatically displayed. Write in Take Off column and Landing column. The Block line means take off time and landing time, but The Flight line means aircraft motion time from gate to gate. Total FH and FC fields are filled automatically and show aircraft utilization values.

3. Enter a T/L number and its sequences (there are Technical Log Books where the whole page has number, but each reference has item number (sequence), and there are Technical Log Books where the page has references with own numbers, then Seq field is not required).

4. Select a mechanical ID number. Click F1 button on your computer keyboard to see more information about mechanical.

5. Tick PR or Mtx or Schd field, where

- PR – Pilot Remarks. Pilot makes report about fault in TLB before departure or after arrival.
- Mtx–Maintenance Remarks. Fault report is made in TLB by maintenance staff.
- Schd–Schedule Remarks. It means defect rectification, or troubleshooting procedure during ground time.

6. Complaint field is needed to record all pilot remarks or remarks, that was found during maintenance.

7. After TLOG registration completion it will not be possible to remove the text from Complaint field or Action field. Use the Correction button to correct the text.

8. If a complaint is serious and an aircraft needs to be delayed due to some technical reasons, tick the ‘Technical Delay’ and make a Delay Note.

The screenshot shows a software interface for recording maintenance actions. It includes a top toolbar with buttons for Close, Add, New, Update, and Delete. Below this is a header section with fields for Station (DUN), A/C Reg. (VP-BCH), A/C Type (B747-400F), DATE (03-Jul-2019), Flight No., Block Flight, Take Off, Landing, Total FH (75211.13), and FC (14011). A middle section contains fields for T/Log Number, Seq, Raised by, PR, Mbx, and Schd. Below that are Complaint and Action sections, each with a dropdown menu (Correction) and a checkbox for Unconfirmed Failure. The bottom section includes fields for Transferred to DMI, Reason, Ref. MEL/CDL, MEL Cat, Due Date, Due FH, Due FC, CRS by, CRS Date (03-Jul-2019), CRS UTC, RII by, CRS STA (DUN), Hour, and Minute. A Component Replacement (LRU) section is also visible at the bottom.

9. Select from ATA catalog correct system chapter number of related remark.

10. Action field is needed to record all actions taken by maintenance staff.

11. After TLOG registration completion it will not be possible to remove the text from Complaint field or Action field. Use the Correction button to correct the text.

12. You can put the tick Unconfirmed Failure field, if the pilot remarks are not confirmed during troubleshooting, for example it was intermittent fault.

13. Select from ATA catalog correct system chapter number of related remark.

14. Enter mechanical ID number to “CRS by” field, type CRS date and CRS time (in UTC). If another person was involved in the work, you can note additional signature in the “RII by field”. Type the airport station, where CRS was issued. Also, you can enter hours and minutes to display the total work time of the maintenance staff.

The screenshot shows a software interface for T/Log registration. At the top is a toolbar with buttons: Close (16), Add (15), New (1), Update (17), and Delete (18). Below the toolbar are several data entry sections:

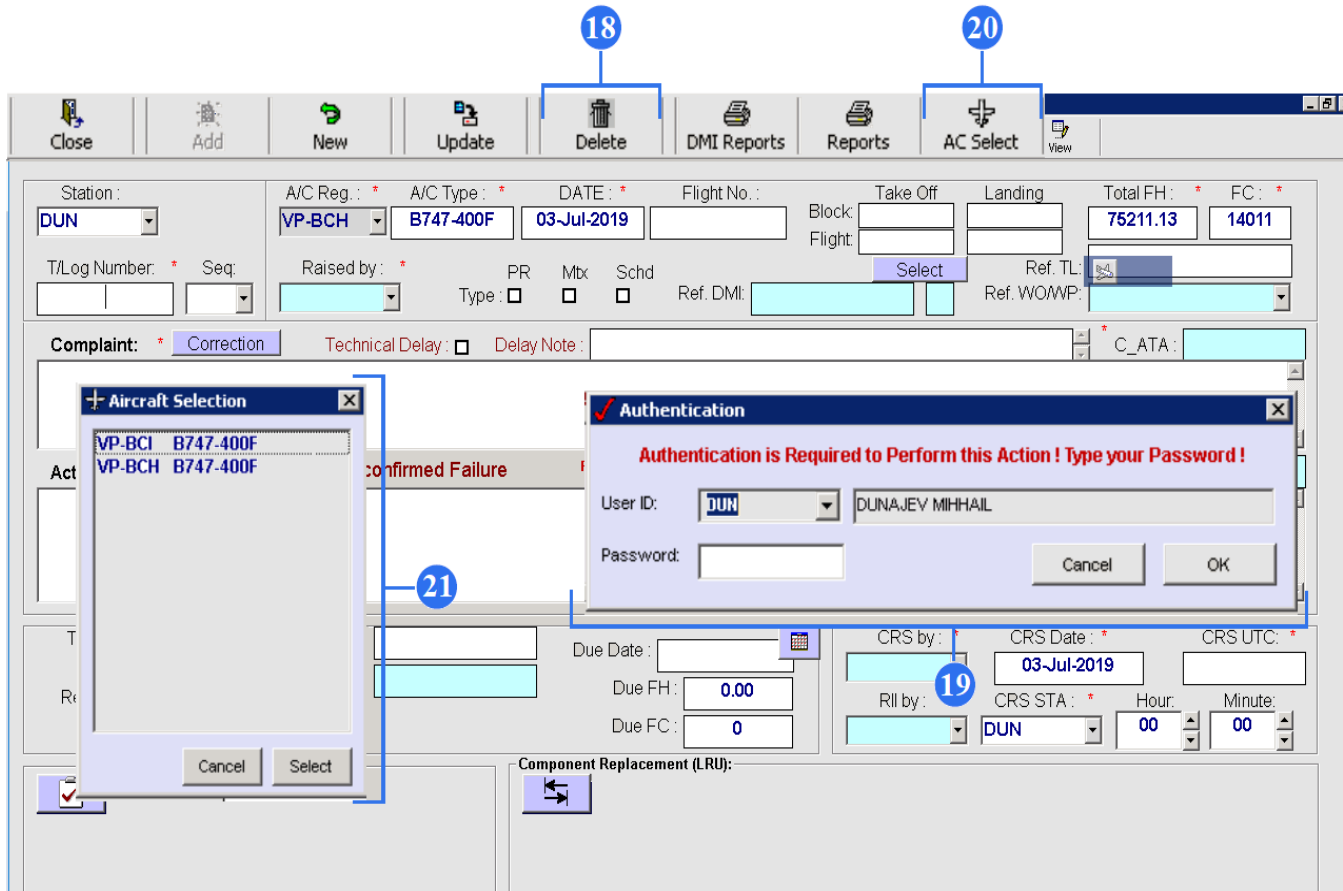
- Header Section:** Station (DUN, 3), A/C Reg. (VP-BCH), A/C Type (B747-400F), DATE (03-Jul-2019, 2), Flight No., Take Off, Landing, Total FH (75211.13), FC (14011).
- Metadata Section:** T/Log Number, Seq., Raised by (4), PR, Mbx, Schd (5), Ref. DMI, Ref. TL, Ref. WOWP.
- Complaint Section:** Complaint (Correction, 6), Technical Delay, Delay Note (8), C_ATA (9).
- Action Section:** Action (Correction, 7), Unconfirmed Failure checkbox (12), Flight Data for Current TLOG Not Found! Used Last Found Data! For Date: 03-Jul-2019, A_ATA (13).
- Footer Section:** Transferred to DMI, Reason (M, T, E), MEL/CDL, MEL Cat, Due Date, Due FH (0.00), Due FC (0), CRS by, CRS Date (03-Jul-2019, 14), CRS UTC, RII by, CRS STA (DUN), Hour (00), Minute (00).
- Component Replacement (LRU):** A section at the bottom with a button (14).

15. On the upper toolbar push the Add button to save a new created Tech Log.

16. To exit the T/Log screen, click the CLOSE toolbar button.

17. After TLOG registration completion you can still refill other fields except Complaint/Action field (Correction button performs this function). After new data enter click Update button on the upper toolbar.

18. To remove a T/Log click the Delete toolbar button.



19. But you need an authentication for this action: enter your id and password in the authentication screen.

20. If you want to create new T/Log with other A/C registration number, no need to exit from T/Log submodule and re-enter. Push “AC Select” button.

21. From the whole list highlight other A/C registration and push “Select” button.

NOTE: Fields with a reference marks (*) are mandatory to fill.

2.2 T/Log creation using MEL/CDL.

The screenshot shows the 'NEW' form for creating a Technical Log (T/Log). The interface includes a toolbar at the top with buttons for Close, Add, New, Update, and Delete. The main form is divided into several sections:

- Station:** DUN (Callout 3)
- A/C Reg.:** VP-BCH (Callout 1)
- A/C Type:** B747-400F (Callout 2)
- DATE:** 03-Jul-2019 (Callout 2)
- Flight No.:** (Callout 2)
- Block:** (Callout 2)
- Take Off:** (Callout 2)
- Landing:** (Callout 2)
- Total FH:** 75211.13 (Callout 2)
- FC:** 14011 (Callout 2)
- T/Log Number:** (Callout 3)
- Seq:** (Callout 3)
- Raised by:** (Callout 4)
- PR Type:** (Callout 5)
- Mbx:** (Callout 5)
- Schd:** (Callout 5)
- Ref. DMI:** (Callout 5)
- Ref. TL:** (Callout 5)
- Ref. WOWP:** (Callout 5)
- Complaint:** Correction (Callout 6)
- Technical Delay:** (Callout 8)
- Delay Note:** (Callout 8)
- C_ATA:** (Callout 9)
- Action:** Correction (Callout 10)
- Unconfirmed Failure:** (Callout 12)
- Flight Data for Current TLOG Not Found!** (Callout 17)
- A_ATA:** (Callout 13)
- Transferred to DMI:** (Callout 14)
- Ref. MEL/CDL:** (Callout 16)
- MEL Cat:** (Callout 16)
- Due Date:** (Callout 17)
- Due FH:** 0.00 (Callout 18)
- Due FC:** 0 (Callout 18)
- CRS by:** (Callout 19)
- CRS Date:** 03-Jul-2019 (Callout 19)
- CRS UTC:** (Callout 19)
- Rll by:** (Callout 19)
- CRS STA:** DUN (Callout 19)
- Hour:** 00 (Callout 19)
- Minute:** 00 (Callout 19)
- Reason:** M, T, E (Callout 15)
- Component Replacement (LRU):** (Callout 16)

1. To create a new T/L, push NEW button on the upper toolbar of the Technical LOG screen.

2. Select airport station. A/C REG; A/C Type; Flight No fields are automatically displayed. Write in Take Off column and Landing column. The Block line means take off time and landing time, but The Flight line means aircraft motion time from gate to gate. Total FH and FC fields are filled automatically and show aircraft utilization values.

3. Enter a T/L number and its sequences (there are Technical Log Books where the whole page has number, but each reference has item number (sequence), and there are Technical Log Books where the page has references with own numbers, then Seq field is not required).

4. Select a mechanical ID number. Click F1 button on your computer keyboard to see more information about mechanical.

The screenshot shows the TLOG registration form with the following callouts:

- 1: Add button
- 2: Delete button
- 3: Station dropdown (DUN)
- 4: Raised by dropdown
- 5: PR, Mtx, and Schd checkboxes
- 6: Complaint field (Correction)
- 7: Action field (Correction)
- 8: Technical Delay checkbox
- 9: C_ATA dropdown
- 10: M, T, E checkboxes
- 11: Reason checkboxes
- 12: Unconfirmed Failure checkbox
- 13: A_ATA dropdown
- 14: Transferred to DMI checkbox
- 15: Checkmark icon
- 16: MEL/CDL field
- 17: Due Date field
- 18: Component Replacement (LRU) field
- 19: CRS by dropdown

5. Tick PR or Mtx or Schd field, where

- PR – Pilot Remarks. Pilot makes report about fault in TLB before departure or after arrival.
- Mtx–Maintenance Remarks. Fault report is made in TLB by maintenance staff.
- Schd–Schedule Remarks. It means defect rectification, or troubleshooting procedure during ground time.

6. Complaint field is needed to record all pilot remarks or remarks, that was found during maintenance.

7. After TLOG registration completion it will not be possible to remove the text from Complaint field or Action field. Use the Correction button to correct the text.

8. If a complaint is serious and an aircraft needs to be delayed due to some technical reasons, tick the ‘Technical Delay’ and make a Delay Note.

9. Select from ATA catalog correct system chapter number of related remark.

The screenshot shows a software interface for TLOG registration. The interface is divided into several sections with various input fields and buttons. Numbered callouts (1-20) point to specific elements:

- 1: Add button
- 2: Delete button
- 3: Station dropdown (DUN)
- 4: Raised by dropdown
- 5: Flight No. field
- 6: Complaint dropdown (Correction)
- 7: Action dropdown (Correction)
- 8: Complaint text field
- 9: C_ATA dropdown
- 10: Transferred to DMI checkbox
- 11: Unconfirmed Failure checkbox
- 12: Reason dropdown (M, T, E)
- 13: A_ATA dropdown
- 14: Reason dropdown (M, T, E)
- 15: Reason dropdown (M, T, E)
- 16: Component Replacement (LRU) button
- 17: Due Date field
- 18: Due FH field
- 19: Due FC field
- 20: Close button

10. Action field is needed to record all actions taken by maintenance staff.

11. After TLOG registration completion it will not be possible to remove the text from Complaint field or Action field. Use the Correction button to correct the text.

12. You can put the tick Unconfirmed Failure field, if the pilot remarks are not confirmed during troubleshooting, for example it was intermittent fault.

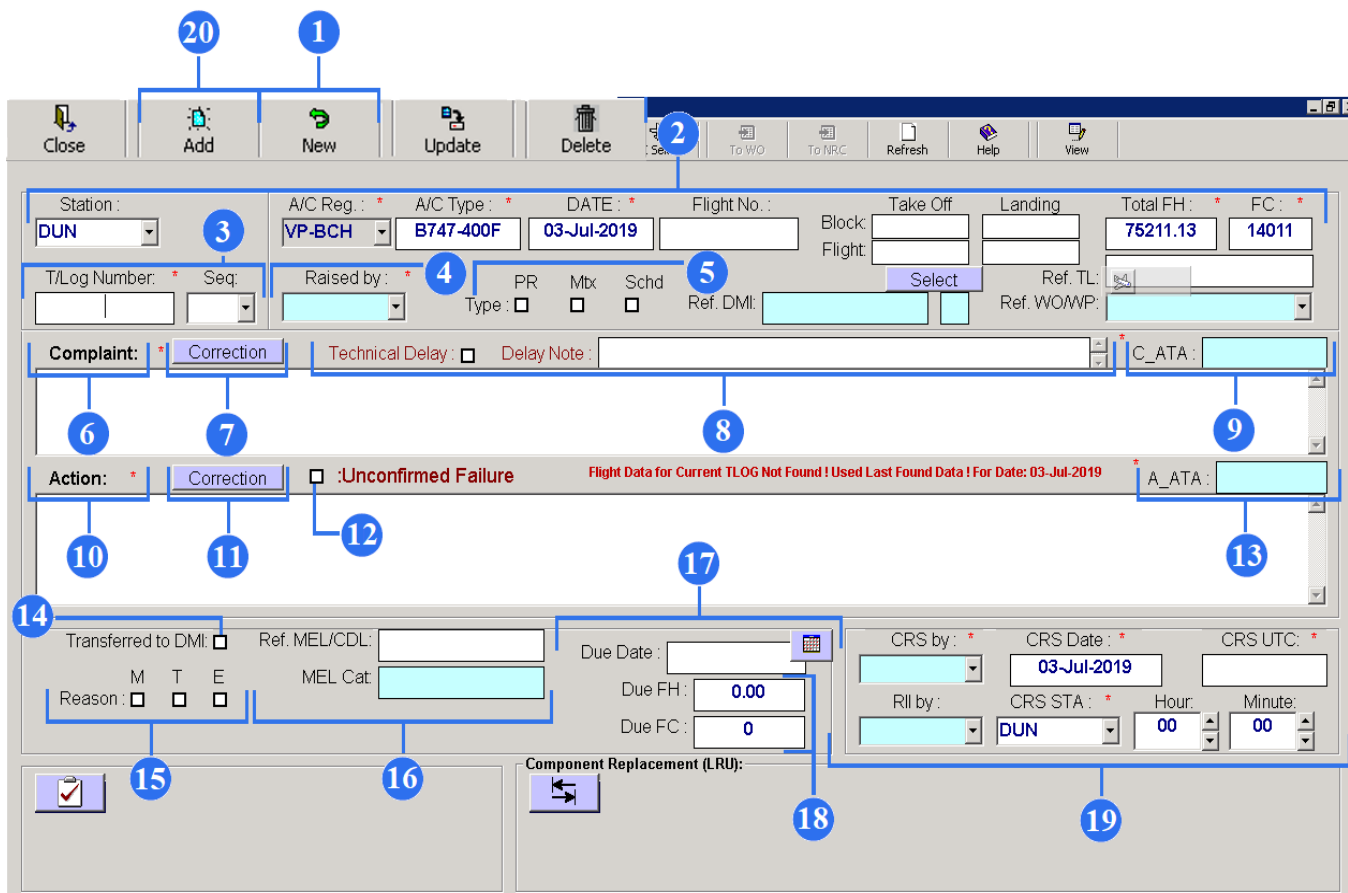
13. Select from ATA catalog correct system chapter number of related remark.

14. Tick the “Transferred to DMI” to confirm deferred reference with dead line.

DMI – Deferred Maintenance Item.

15. Select the reason of the deferred reference creation, where:

- M – Material. Components are not available in the store;
- T – Time. No ground time for defect rectification;
- E – Equipment. Special tools are not available in the kit.



16. Write in MEL/CDL item and select MEL category (from A to D). If the defect is opened in accordance with other technical documentation such as AMM, SRM, FIM, TSM or operator letter, select N/A category).

17. To set a dead line, click on Calendar button and a Date Calendar will open. Select a due date.

18. If the dead line does not depend on MEL category, but it depends on amount of the flight hours or cycles, write in due FH or due FC.

19. Enter mechanical ID number to “CRS by” field, type CRS date and CRS time (in UTC). If another person was involved in the work, you can note additional signature in the “Rll by field”. Type the airport station, where CRS was issued. Also, you can enter hours and minutes to display the total work time of the maintenance staff.

20. On the upper toolbar push the Add button to save a new created Tech Log.

2.3 T/Log creation with closing reference DMI number.

The screenshot shows the 'NEW' button in the toolbar (1) and the 'Add' button (16). The form fields are as follows:

- Station: DUN (3)
- A/C Reg.: VP-BCH (2)
- A/C Type: B747-400F (2)
- DATE: 03-Jul-2019 (2)
- Flight No.: (2)
- Block: (2)
- Take Off: (2)
- Landing: (2)
- Total FH: 75211.13 (2)
- FC: 14011 (2)
- T/Log Number: (3)
- Seq: (3)
- Raised by: (4)
- PR: (5)
- Mbx: (5)
- Schd: (5)
- Ref. DMI: (5)
- Ref. TL: (6)
- Ref. WOWP: (6)
- Complaint: Correction (7)
- Technical Delay: (8)
- Delay Note: (9)
- C_ATA: (10)
- Action: Correction (11)
- :Unconfirmed Failure (12)
- Flight Data for Current TLOG Not Found ! Used Last Found Data ! For Date: 03-Jul-2019 (13)
- A_ATA: (14)
- Transferred to DMI: (15)
- Ref. MEL/CDL: (15)
- MEL Cat: (15)
- Due Date: (15)
- Due FH: 0.00 (15)
- Due FC: 0 (15)
- CRS by: (15)
- CRS Date: 03-Jul-2019 (15)
- CRS UTC: (15)
- Rll by: (15)
- CRS STA: DUN (15)
- Hour: 00 (15)
- Minute: 00 (15)

1. To create a new T/L, push NEW button on the upper toolbar of the Technical LOG screen.

2. Select airport station. A/C REG; A/C Type; Flight No fields are automatically displayed. Write in Take Off column and Landing column. The Block line means take off time and landing time, but The Flight line means aircraft motion time from gate to gate. Total FH and FC fields are filled automatically and show aircraft utilization values.

3. Enter a T/L number and its sequences (there are Technical Log Books where the whole page has number, but each reference has item number (sequence), and there are Technical Log Books where the page has references with own numbers, then Seq field is not required).

4. Select a mechanical ID number. Click F1 button on your computer keyboard to see more information about mechanical.

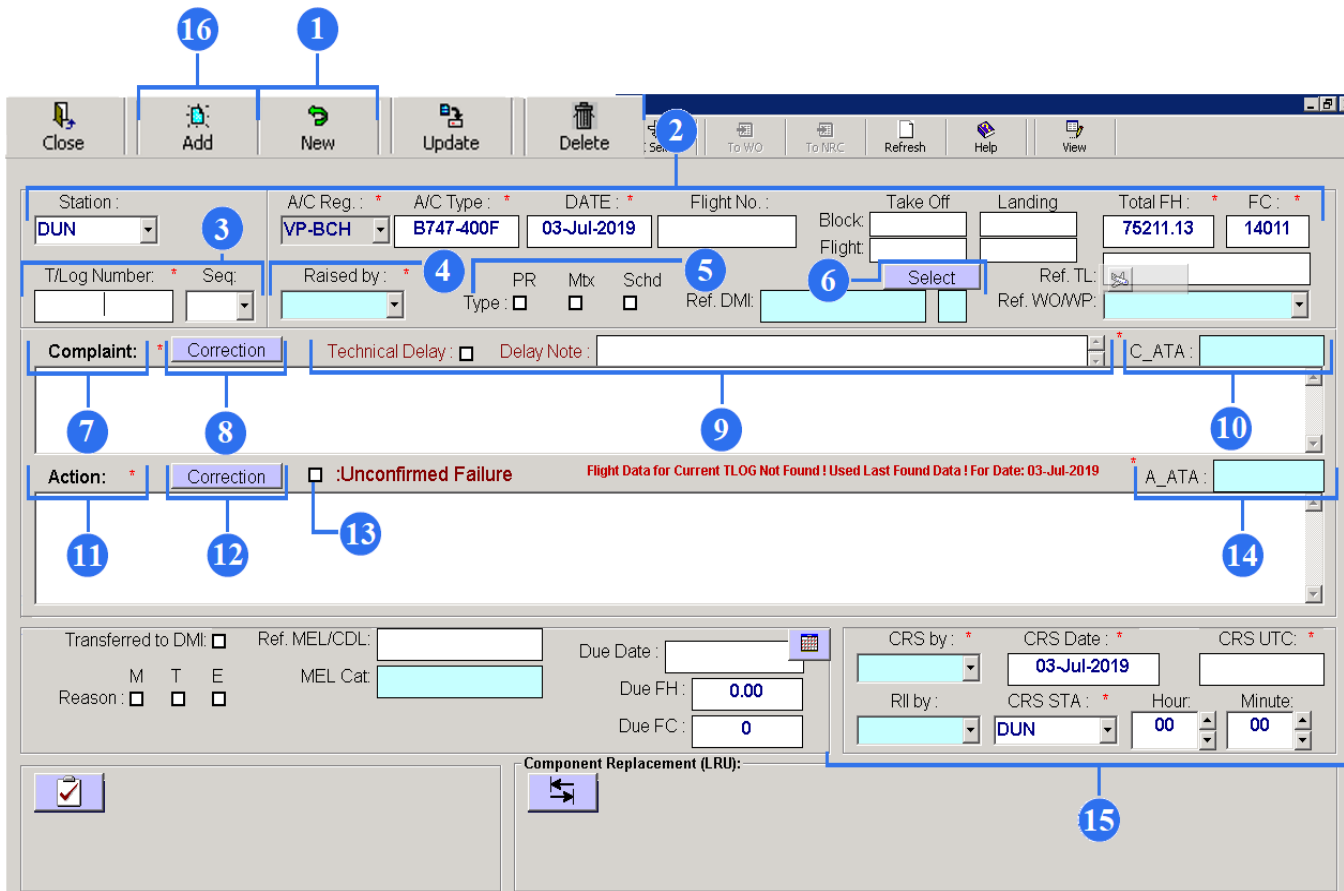
5. Tick PR or Mtx or Schd field, where

- PR – Pilot Remarks. Pilot makes report about fault in TLB before departure or after arrival.
- Mtx–Maintenance Remarks. Fault report is made in TLB by maintenance staff.
- Schd–Schedule Remarks. It means defect rectification, or troubleshooting procedure during ground time.

6. Push “Select” button of the DMI field to select deferred item, and click from the whole list deferred item that you want to close.

7. Complaint field is needed to record all pilot remarks or remarks, that was found during maintenance.

8. After TLOG registration completion it will not be possible to remove the text from Complaint field or Action field. Use the Correction button to correct the text.



The screenshot shows a software interface for recording aircraft maintenance events. Key fields and buttons are highlighted with numbered callouts:

- 1:** New button
- 2:** Delete button
- 3:** Station dropdown (DUN)
- 4:** Raised by dropdown (VP-BCH)
- 5:** PR checkbox
- 6:** Select button
- 7:** Complaint dropdown (Correction)
- 8:** Correction button
- 9:** Technical Delay checkbox
- 10:** C_ATA dropdown
- 11:** Action dropdown (Correction)
- 12:** Correction button
- 13:** Unconfirmed Failure checkbox
- 14:** A_ATA dropdown
- 15:** Component Replacement (LRU) section

Other visible fields include: A/C Reg. (VP-BCH), A/C Type (B747-400F), DATE (03-Jul-2019), Flight No., Block, Take Off, Landing, Total FH (75211.13), FC (14011), T/Log Number, Seq., Ref. DMI, Ref. TL, Ref. WOWP, Transferred to DMI, Ref. MEL/CDL, Due Date, Due FH (0.00), Due FC (0), CRS by, CRS Date (03-Jul-2019), CRS UTC, RII by, CRS STA (DUN), Hour (00), Minute (00).

9. If a complaint is serious and an aircraft needs to be delayed due to some technical reasons, tick the 'Technical Delay' and make a Delay Note.

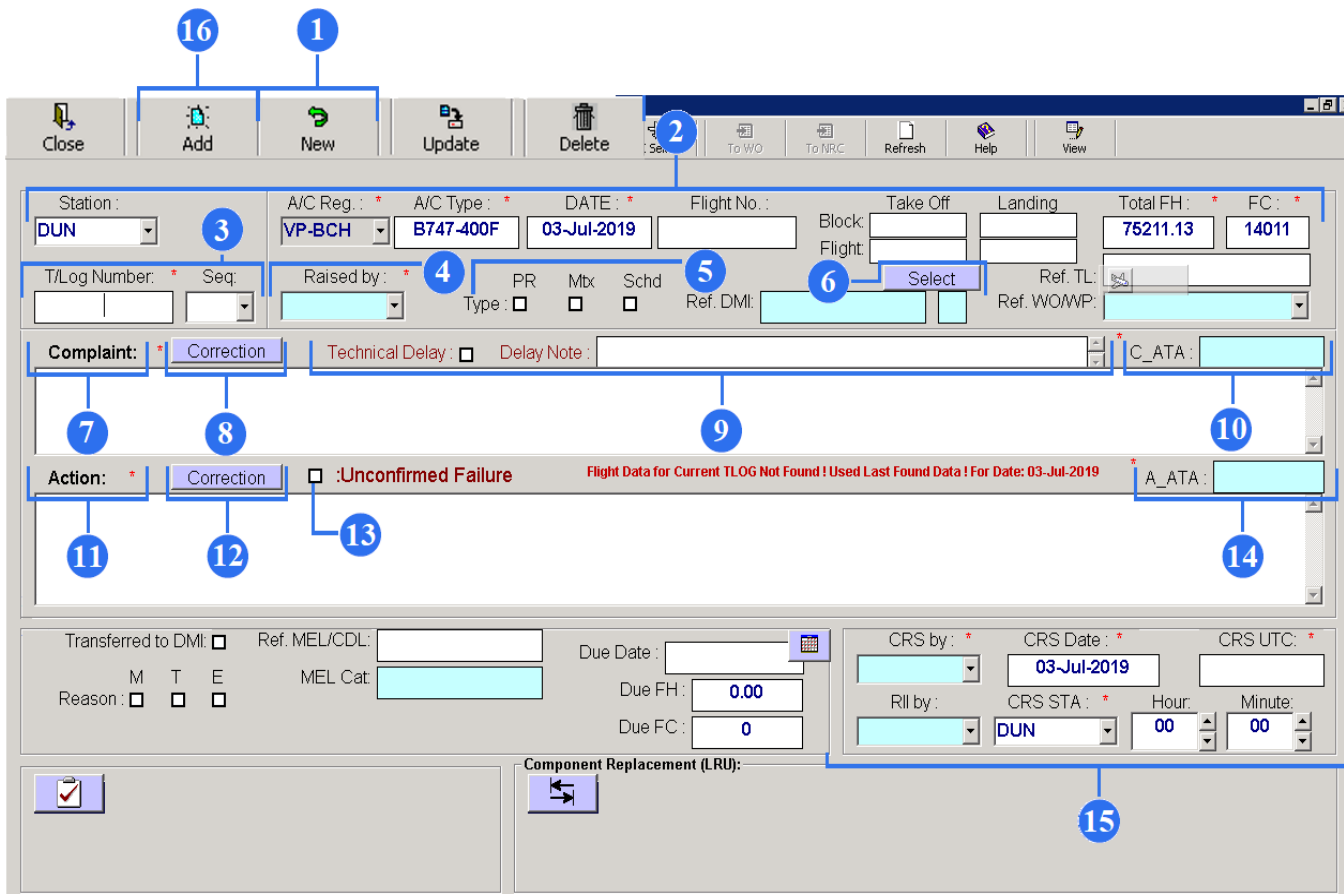
10. Select from ATA catalog correct system chapter number of related remark.

11. Action field is needed to record all actions taken by maintenance staff.

12. After TLOG registration completion it will not be possible to remove the text from Complaint field or Action field. Use the Correction button to correct the text.

13. You can put the tick Unconfirmed Failure field, if the pilot remarks are not confirmed during troubleshooting, for example it was intermittent fault.

14. Select from ATA catalog correct system chapter number of related remark.



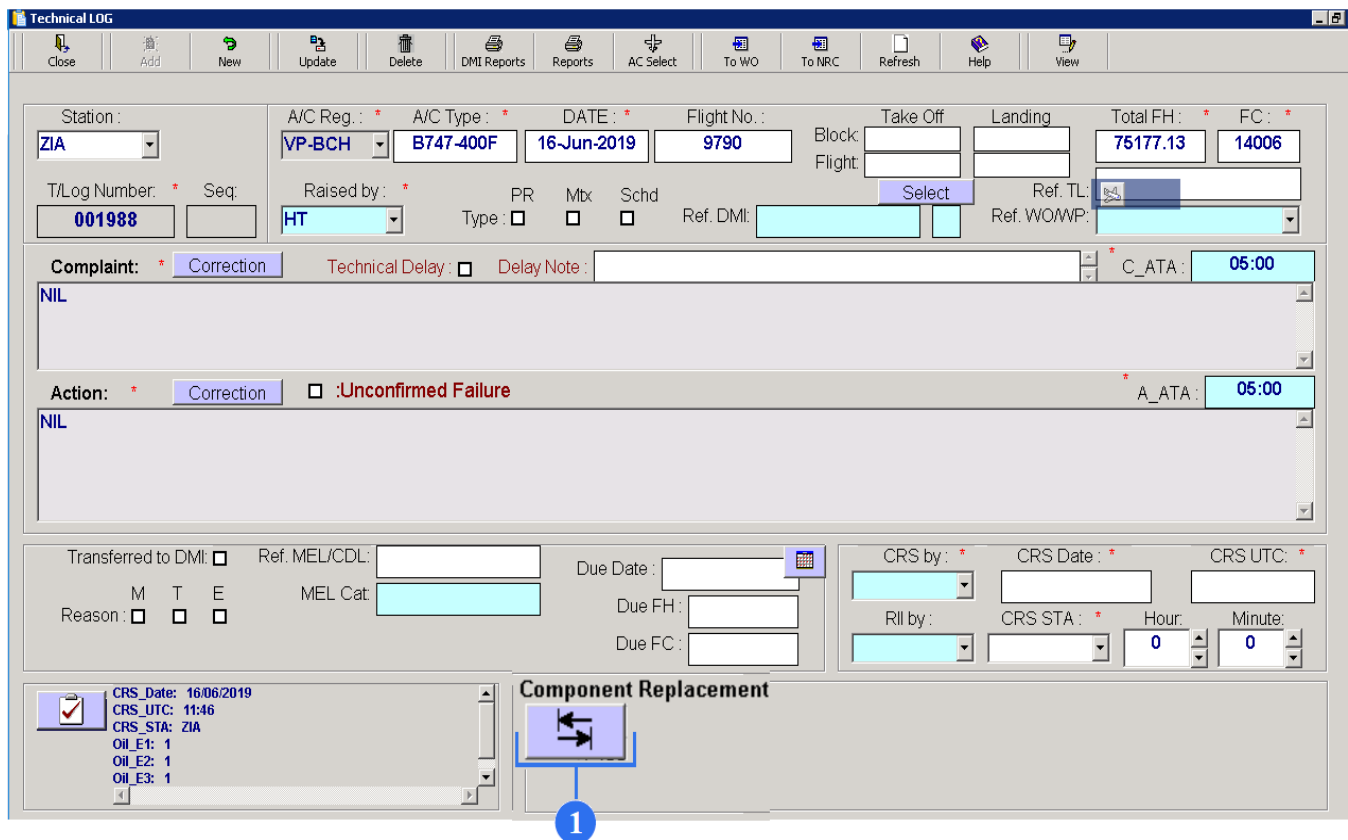
15. Enter mechanical ID number to “CRS by” field, type CRS date and CRS time (in UTC). If another person was involved in the work, you can note additional signature in the “RII by field”. Type the airport station, where CRS was issued. Also, you can enter hours and minutes to display the total work time of the maintenance staff.

16. On the upper toolbar push the Add button to save a new created Tech Log.

NOTE: Fields with a reference marks (*) are mandatory to fill.

ATTENTION: It is comfortable to use NRC submodule if you have multistage troubleshooting within deadline of defect. You can tie references between each other. Use the T/Log for defect rectification at once, or to open defect while single step operation.

3. Component Replacement (LRU)

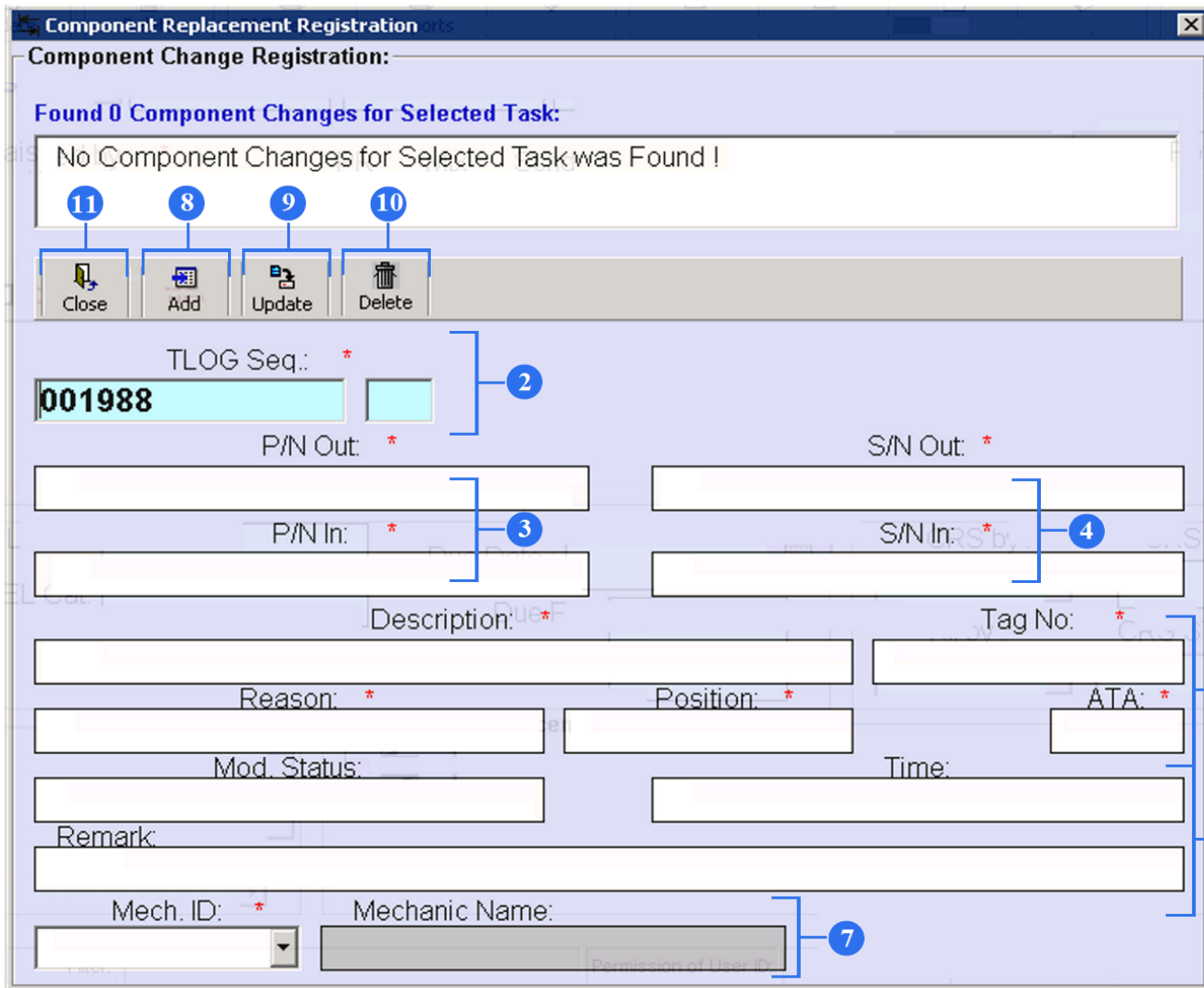


The screenshot shows the 'Technical LOG' application window. The main form contains various fields for flight details and maintenance actions. At the bottom, there is a 'Component Replacement' section with a button featuring a double-headed arrow. A blue circle with the number '1' is placed below this button, indicating the step to click it.

Fields with a reference mark (*) are mandatory to fill.

1. After new T/Log creation completion you can mark component replacement data. Click the button with two arrows to open Component Replacement Registration List. T/Log creation is completed when on the upper toolbar ADD button is pushed. It means that you have saved a new created Tech Log.

NOTE: Fields with a reference marks (*) are mandatory to fill.



2. T/Log number is automatically transferred from Technical LOG screen.

3. Write in “P/N Out” field part number of removed component. Write in “P/N In” field part number of installed component.

4. Write in “S/N Out” field serial number of removed component. Write in “S/N In” field serial number of installed component.

5. Fill in the fields such as Description/ Tag No/ Reason/Position/ATA.

6. You can fill in the Mod. Status/Time/Remark fields as supporting information.

7. Select from the whole list the mechanical ID number. Name of mechanic will be appeared automatically.

8. To save entered data push “Add” on the upper toolbar. You can see save data on the white screen above toolbar.

Component Replacement Registration

Component Change Registration:

Found 0 Component Changes for Selected Task:

No Component Changes for Selected Task was Found !

11 Close 8 Add 9 Update 10 Delete

TLOG Seq.: * 2

P/N Out: * S/N Out: *

P/N In: * S/N In: * 4

Description: * Tag No: * 5

Reason: * Position: * ATA: *

Mod. Status: Time:

Remark:

Mech. ID: * Mechanic Name: 7

Permission of User ID:

9. After Component Change Registration completion you can still change other fields. After new data enter click Update button on the upper toolbar.

10. If you want to remove save data, highlight the line and click "Delete" button.

11. To close the Component Replacement Registration screen click the "Close" button.

Technical LOG

Close Add New Update Delete DMI Reports Reports AC Select To WO To NRC Refresh Help View

Station: ZIA A/C Reg.: VP-BCH A/C Type: B747-400F DATE: 16-Jun-2019 Flight No.: 9790 Block: Take Off Landing Total FH: 75177.13 FC: 14006

T/Log Number: 001988 Seq: Raised by: HT PR Mbx Schd Ref. DMI: Ref. TL: Ref. WOWP:

Complaint: * Correction Technical Delay: Delay Note: C_ATA: 05:00
NIL

Action: * Correction :Unconfirmed Failure A_ATA: 05:00
NIL

Transferred to DMI: Ref. MEL/CDL: Due Date: CRS by: CRS Date: CRS UTC: Reason: M T E MEL Cat: Due FH: Due FC: Rll by: CRS STA: Hour: Minute:

CRS Date: 16/06/2019
CRS UTC: 11:46
CRS STA: ZIA
Oil_E1: 1
Oil_E2: 1
Oil_E3: 1

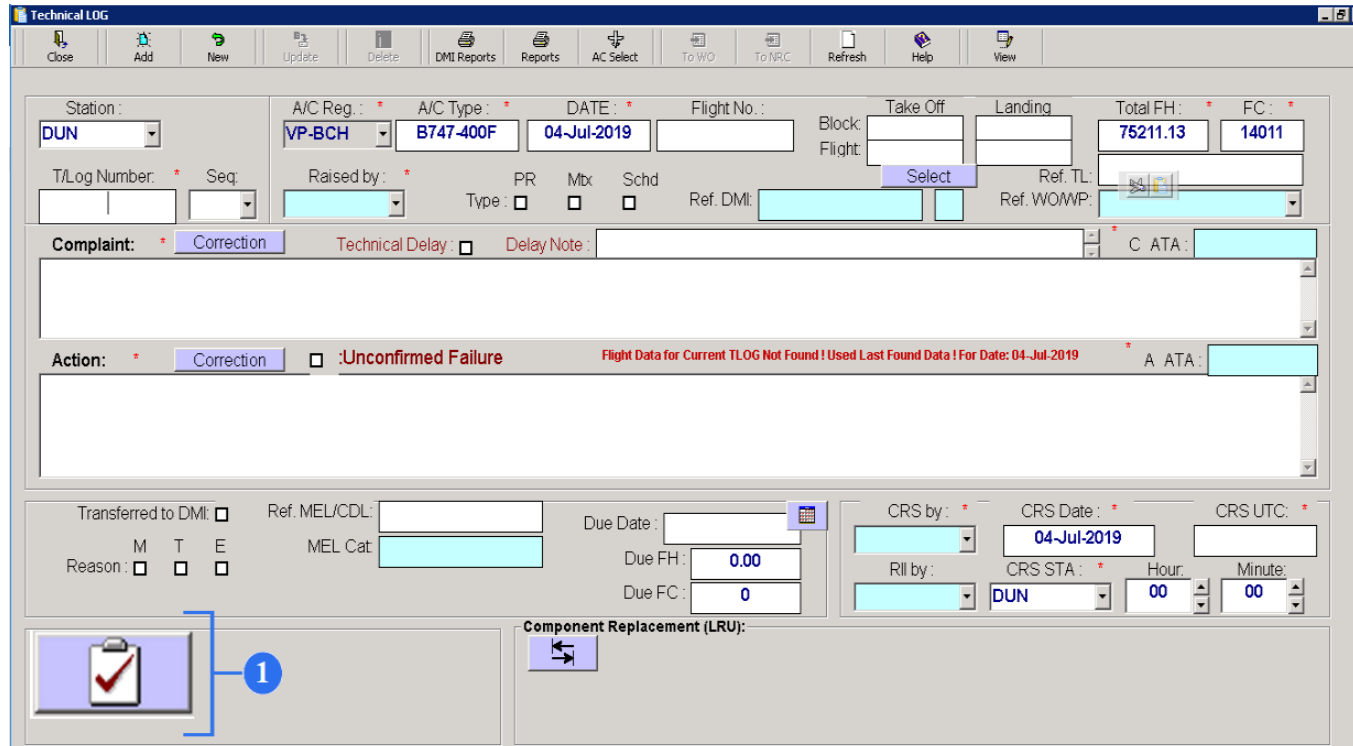
Component Replacement (LRU):

SNOut: N1234
PNIn: 3-1558
SNIn: N4321
Description: MLG WHEEL

12

12. Also you can see component replacement data on the Technical LOG screen near Component replacement button.

4. Technical Log Line Check.



1. If Line Check was performed after arrival or before departure, you can registrate these data in the TLog submodule. Push button with the tick in the left bottom side of the screen to open TLOG LINE CHECK window.

NOTE: Fields with a reference marks (*) are mandatory to fill.

TLOG LINE CHECK

Station : **DUN**

T/Log Number: * Seq:

A/C Reg.: * **VP-BCH** A/C Type: * **B747-400F** DATE: * **04-Jul-2019** TIME: hh:mm Flight No.: FH: * **75211.13** FC: * **14011**

Raised by: * PR Mtx Schd Ref. WOWP:

Wheel Pressure, Psi

Checked : NW1: NW2: MW1: MW2: MW3: MW4:

Inflated to : NW1: NW2: MW1: MW2: MW3: MW4:

Oils. Qt

APU rem: GD1:

E1 rem: APU: GD2:

E1: H1: GD3:

E2 rem: H2: GD4:

E2: H3: Str1:

E3 rem: H4: Str2:

E3: Str3:

E4 rem: Str4:

E4:

Fuel Info:

PRIOR FUELLING:

UPLIFT:

DEPARTURE:

ARRIVAL:

CRS by: * CRS Date: * **04-Jul-2019** CRS UTC: *

Rll by: CRS STA: * **DUN** Hour: Minute:

FF/TR: DY/SC: WY: L-Check:

2. Station and T/Log Number will appear automatically.

3. Data such as A/C Reg, A/C Type, Date, FH and FC will appear automatically. If the edit date is not today, use the calendar to select the correct flight date of proper aircraft. Fill the "TIME" and "Flight No" fields.

4. Select a mechanical ID number in "Raised by" field. If it is necessary, tick PR or Mtx or Schd field, where:

- PR – Pilot Remarks. Pilot makes report about fault in TLB before departure or after arrival.
- Mtx – Maintenance Remarks. Fault report is made in TLB by maintenance staff.
- Schd – Schedule Remarks. It means defect rectification, or troubleshooting procedure during ground time.

The screenshot shows the 'TLOG LINE CHECK' application window. It contains several sections for data entry:

- Station:** A dropdown menu set to 'DUN' (callout 1).
- TLog Number:** A text input field (callout 2).
- Seq:** A dropdown menu (callout 2).
- Buttons:** 'Add', 'Update', and 'Refresh' buttons (callout 14).
- Aircraft Information:** Fields for A/C Reg. (VP-BCH), A/C Type (B747-400F), DATE (04-Jul-2019), TIME, Flight No., FH (75211.13), and FC (14011) (callout 3).
- Operational Details:** Fields for Raised by, PR, Mtx, and Schd checkboxes, and a Ref. WO/WP dropdown (callout 4).
- Wheel Pressure, Psi:** A table with columns for NW1, NW2, MW1, MW2, MW3, and MW4. It has rows for 'Checked' and 'Inflated to' (callout 5).
- Oils. Qt:** A section with multiple input fields for oil quantities: APU rem, E1 rem, E2 rem, E3 rem, E4 rem, APU, H1, H2, H3, H4, GD1, GD2, GD3, GD4, Strt1, Strt2, Strt3, and Strt4 (callout 6).
- Fuel Info:** Fields for PRIOR FUELLING, UPLIFT, DEPARTURE, and ARRIVAL (callout 11).
- CRS by:** A dropdown menu (callout 12).
- CRS Date:** A date field set to 04-Jul-2019 (callout 12).
- CRS UTC:** A time field (callout 12).
- Rll by:** A dropdown menu (callout 12).
- CRS STA:** A dropdown menu set to DUN (callout 12).
- Hour:** A spinner field set to 00 (callout 12).
- Minute:** A spinner field set to 00 (callout 12).
- Checkboxes:** FF/TR, DY/SC, WY, and L-Check (callout 13).
- Close:** A button at the bottom right (callout 15).

In the WO/WP field please select work order number or work package number related Line Check.

5. Enter NW (Nose Wheel) and MW (Main Wheel) pressure data when checking and after inflated.

6. Enter result of engines oil servicing. For example, E1 rem means oil remain of the engine #1, but E1 means oil quantity after engine #1 after refill.

7. Enter result of APU oil servicing. APU rem means APU oil remain.

8. Enter result of hydraulic reservoir servicing. For example, H1 means hydraulic quantity of the first reservoir.

9. Enter result of drive generator oil servicing. For example, GD1 means generator drive of engine #1.

10. Enter result of starter oil servicing. For example, Strt1 means starter of engine #1.

The screenshot shows the 'TLOG LINE CHECK' application window. It contains several sections:

- Station:** A dropdown menu set to 'DUN' (callout 14).
- TLog Number:** Two input fields for 'TLog Number' and 'Seq' (callout 2).
- Buttons:** 'Add', 'Update', and 'Refresh' buttons (callout 14).
- Flight Details:** Fields for 'A/C Reg.' (VP-BCH), 'A/C Type' (B747-400F), 'DATE' (04-Jul-2019), 'TIME', 'Flight No.', 'FH' (75211.13), and 'FC' (14011) (callout 3).
- Operational Info:** 'Raised by' dropdown, 'PR', 'Mtx', and 'Schd' checkboxes, and a 'Ref. WO/WP' dropdown (callout 4).
- Wheel Pressure, Psi:** A table with columns for 'Checked' and 'Inflated to' for NW1, NW2, MW1, MW2, MW3, and MW4 (callout 5).
- Oils, Qt:** A grid of input fields for 'rem' and 'Qt' for APU, E1-E4, H1-H4, and Str1-Str4 (callout 6).
- Fuel Info:** Fields for 'PRIOR FUELLING', 'UPLIFT', 'DEPARTURE', and 'ARRIVAL' (callout 9).
- CRS Info:** Fields for 'CRS by', 'CRS Date' (04-Jul-2019), 'CRS UTC', 'Rll by', 'CRS STA' (DUN), 'Hour' (00), and 'Minute' (00) (callout 12).
- Checkboxes:** 'FF/TR', 'DY/SC', 'WY', and 'L-Check' checkboxes (callout 13).
- Close Button:** A 'Close' button at the bottom right (callout 15).

11. Enter refuelling procedure data, where:

- PRIOR FUELLING –remain of fuel on the board.
- UPLIFT – refuelling quantity.
- DEPARTURE – total fuel quantity on the board before flight.
- ARRIVAL – remain of fuel on the board after arrival.

12. Enter mechanical ID number to “CRS by” field, type CRS date and CRS time (in UTC). If another person was involved in the work, you can note additional signature in the “Rll by field”. Type the airport station, where CRS was issued. Also, you can enter hours and minutes to display the total work time of the maintenance staff.

13. Select by tick the type of line maintenance, where:

- FF/TR – transit check
- DY/SC – daily check
- WY – weekly check
- L-check – line check

TLOG LINE CHECK

Station : **DUN**

T/Log Number: * Seq: [] []

[Add] [Update] [Refresh]

A/C Reg.: * **VP-BCH** A/C Type: * **B747-400F** DATE: * **04-Jul-2019** TIME: hh:mm [] Flight No.: [] FH: * **75211.13** FC: * **14011**

Raised by: * [] PR Type: Mitx Schd Ref. W/O/WP: []

Wheel Pressure, Psi

Checked: NVW1: **0** NVW2: **0** MWV1: **0** MWV2: **0** MWV3: **0** MWV4: **0**

Inflated to: **0** **0** **0** **0** **0** **0**

Oils. Qt

APU rem: **0** GD1: **0**

E1 rem: **0** APU: **0** GD2: **0**

E1: **0** H1: **0** GD3: **0**

E2 rem: **0** H2: **0** GD4: **0**

E2: **0** H3: **0** Str1: **0**

E3 rem: **0** H4: **0** Str2: **0**

E3: **0** Str3: **0**

E4 rem: **0** Str4: **0**

E4: **0**

Fuel Info:

PRIOR FUELLING: **0**

UPLIFT: **0**

DEPARTURE: **0**

ARRIVAL: **0**

CRS by: * [] CRS Date: * **04-Jul-2019** CRS UTC: * []

Rll by: [] CRS STA: * **DUN** Hour: **00** Minute: **00**

FF/TR: DY/SC: WY: L-Check:

[Close]

14. To save entered data push “Add” on the upper toolbar.

After TLOG LINE CHECK editing completion you can still change other fields. After new data enter click Update button on the upper toolbar.

To reset all data, click on the REFRESH button.

15. To close TLOG LINE CHECK window, push “CLOSE” button on the right bottom side of the window.

Technical LOG

Close Add New Update Delete DMI Reports Reports AC Select To WO To NRC Refresh Help View

Station: **DUN** A/C Reg.: **VP-BCH** A/C Type: **B747-400F** DATE: **04-Jul-2019** Flight No.: Block: Take Off: Landing: Total FH: **75211.13** FC: **14011**

T/Log Number: Seq: Raised by: PR: Mx: Schd: Ref. DMI: Ref. TL: Ref. WOMP:

Complaint: **Correction** Technical Delay Delay Note: C ATA:

Action: **Correction** :Unconfirmed Failure **Flight Data for Current TLOG Not Found ! Used Last Found Data ! For Date: 04-Jul-2019** A ATA:

Transferred to DMI: Ref. MEL/CDL: Due Date: CRS by: CRS Date: **04-Jul-2019** CRS UTC:

M T E Reason: MEL Cat: Due FH: **0.00** Rll by: CRS STA: **DUN** Hour: **00** Minute: **00**

Due FC: **0**

CRS_Date: 04/07/2019
CRS_UTC: 12:00
CRS_STA: DUN
FF_TR: Y
Oil_E1: 1

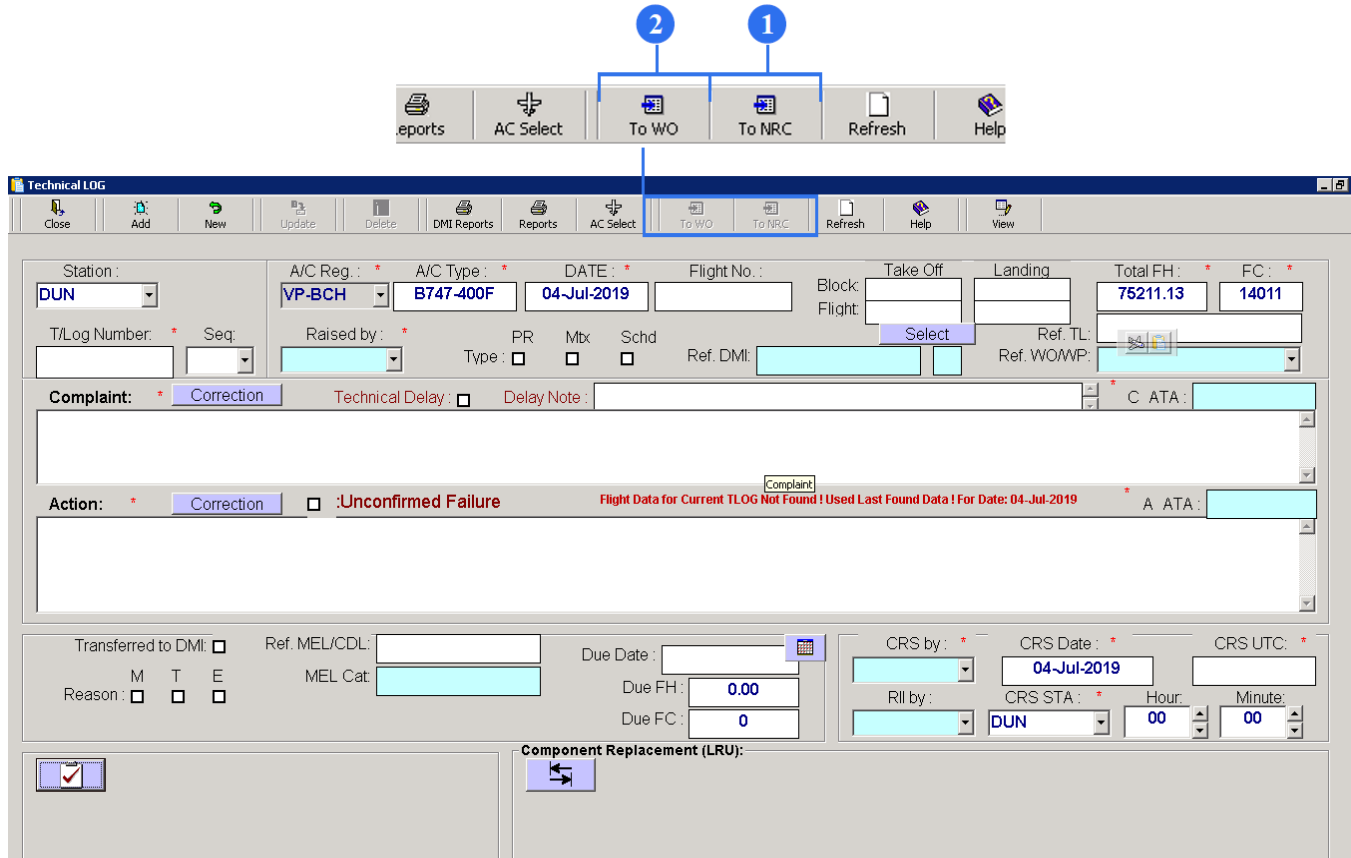
16

Component Replacement (LRU):

16. Also you can see Line check result data on the Technical LOG screen near button with the tick.

5. Transfer to NRC and transfer to WO.

While T/Log creating with MEL/CDL (see unit 1.2) you can use transfer to NRC function or transfer to WO function.

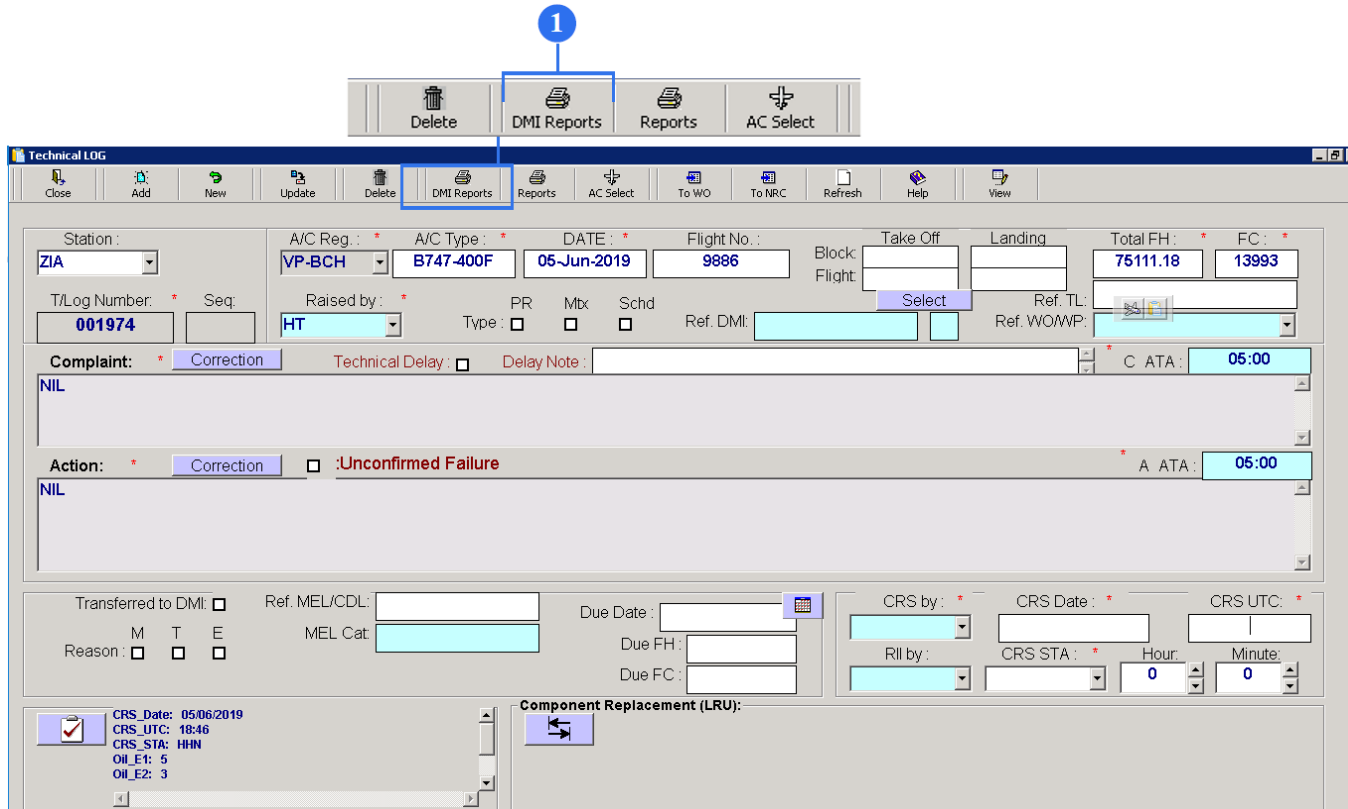


1. After completion of the T/LOG creation with MEL/CDL you can push “To NRC” on the toolbars to begin to work with NRC submodule. It is comfortable to plan defect rectification with multistage troubleshooting within deadline of defect. Also, after “To NRC” click NRC will be displayed in the “Planning” submodule.

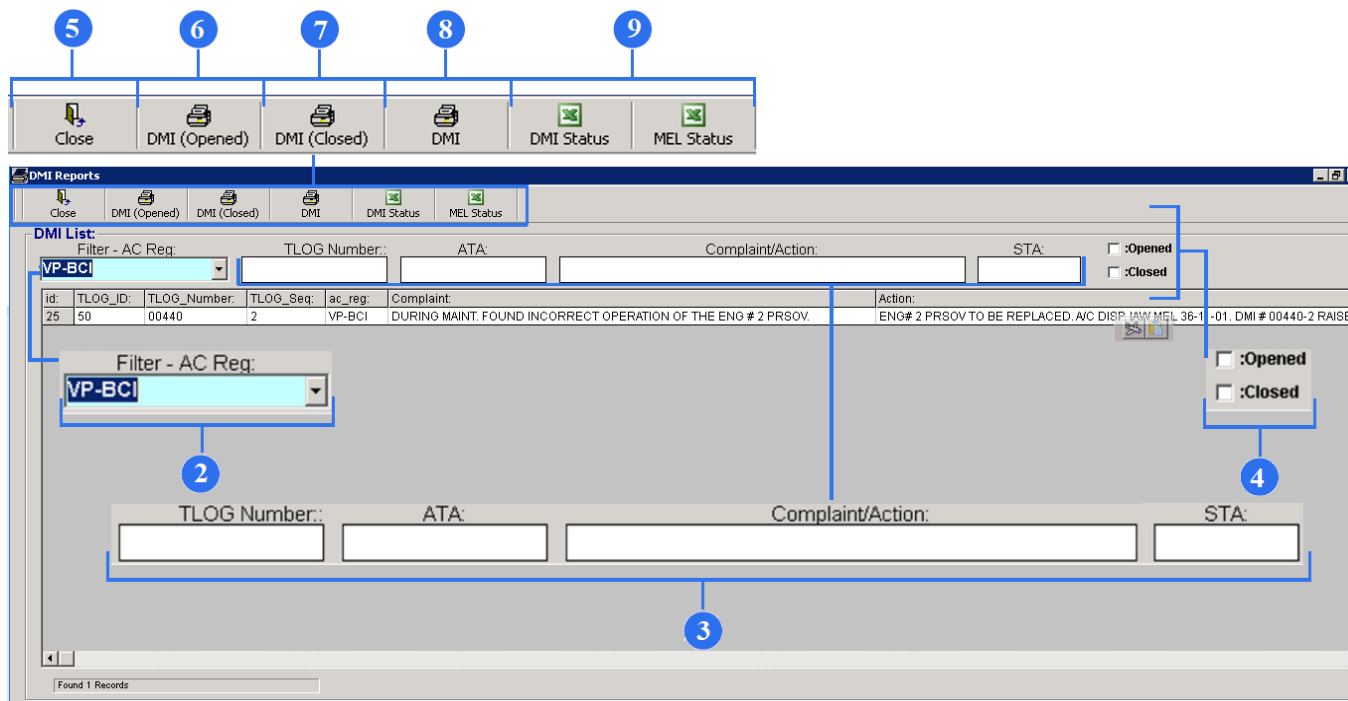
2. After completion of the T/LOG creation with MEL/CDL you can push “WO” on the toolbars to make work order for defect rectification. It is comfortable if you use LSM (Line Station Maintenance) module. After click of “WO” button work order will display in the LSM module where you can print it and issue to work.

6. Reports.

6.1. DMI REPORTS



1. Push “DMI Reports” button on the top toolbars and DMI list will be opened. DMI list presents the whole list of the all defects which are registered in the T/LOG.



2. Select aircraft registration.

3 You can find the definite defect using technical log book number or ATA number, also you can use the text from the Complaint field and from the Action field and if you remember airport station name.

4. You can tick “Opened” or “Closed” field as filters.

5. To close DMI List push “Close” button on the upper toolbars.

6. If you want to print all opened defects, click the DMI (Opened) button.

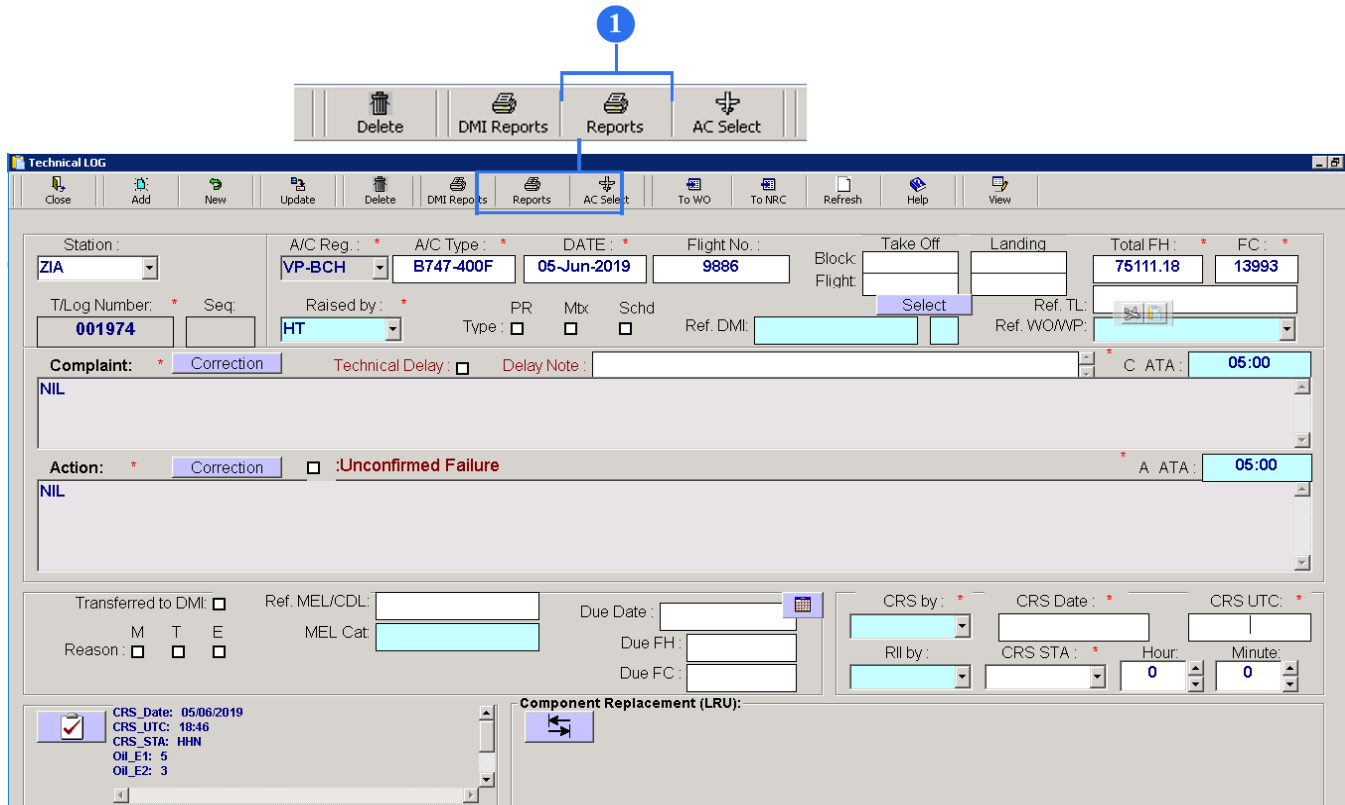
7. If you want to print all closed defects, click the DMI (Closed) button.

8. If you want to print definite defects, highlight the lines and push the “DMI” button

9. To transfer DMI data or MEL data to Excel use “DMI Status” and “MEL Status” buttons.

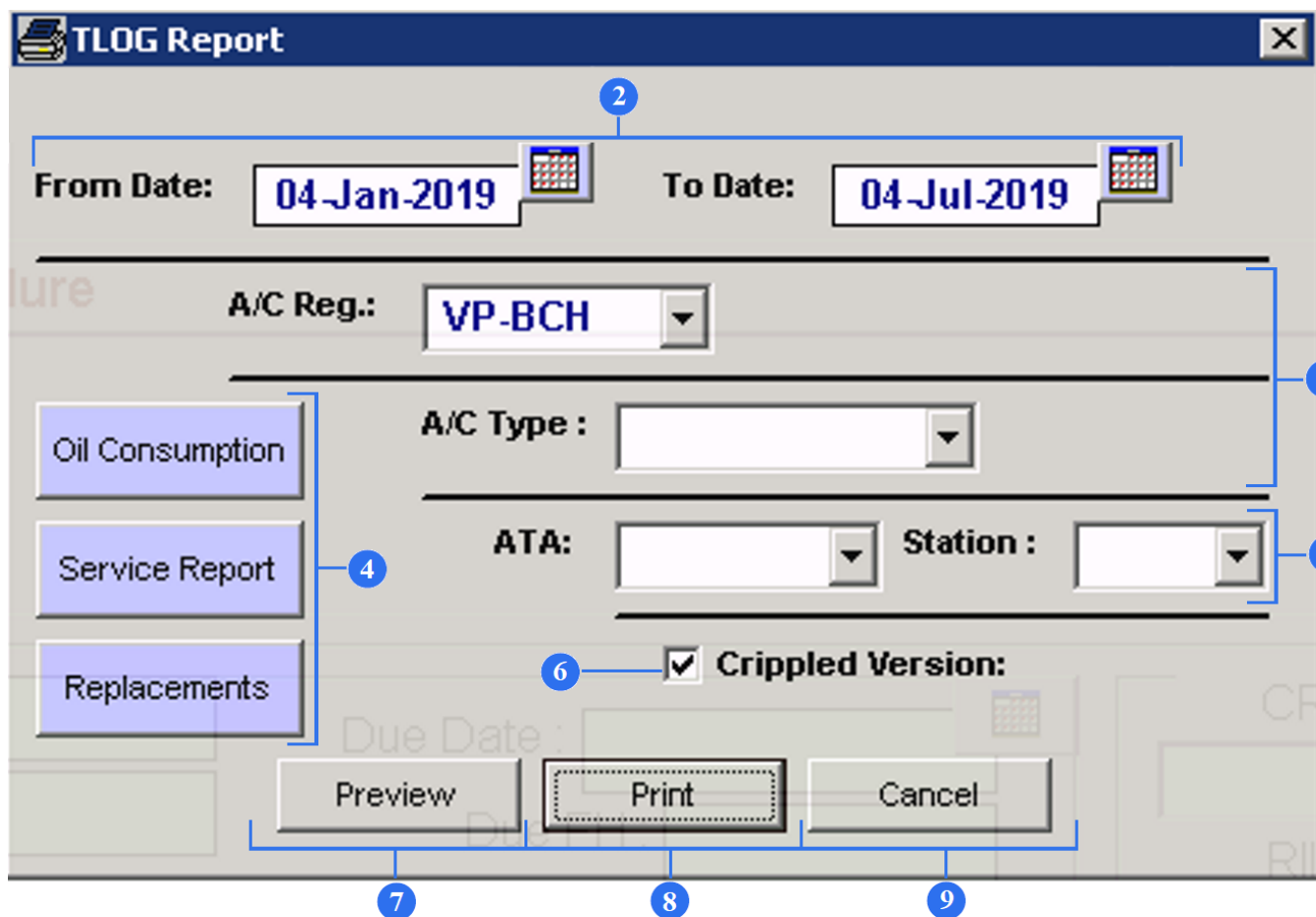
NOTE: From the whole of the defect list grey lines mean closed defects, and white lines are open defects.

6.2. TLOG reports



1. Push “Reports” button on the top toolbars and TLOG Report window will be opened.

T/Log Report allows to find aircraft maintenance history for any period.



The screenshot shows the 'TLOG Report' window with the following elements and callouts:

- 2**: Callout pointing to the 'From Date' and 'To Date' fields, which contain '04-Jan-2019' and '04-Jul-2019' respectively, with calendar icons.
- 3**: Callout pointing to the 'A/C Reg.' dropdown menu, which is set to 'VP-BCH'.
- 4**: Callout pointing to the 'Oil Consumption', 'Service Report', and 'Replacements' buttons on the left side.
- 5**: Callout pointing to the 'A/C Type', 'ATA', and 'Station' dropdown menus.
- 6**: Callout pointing to the 'Crippled Version' checkbox, which is checked.
- 7**: Callout pointing to the 'Preview' button.
- 8**: Callout pointing to the 'Print' button.
- 9**: Callout pointing to the 'Cancel' button.

2. Use calendar to choose a particular period.

3. Select aircraft registration.

4. Push “Oil Consumption” button to see oil consumption for particular period. Click on the “Service Report” button and you can monitor aircraft service history for particular period. “Replacements” button is needed to see replacement history.

5. If you want to see component replacement data for particular period, specify ATA number to select aircraft system and choose name of station where component was replaced.

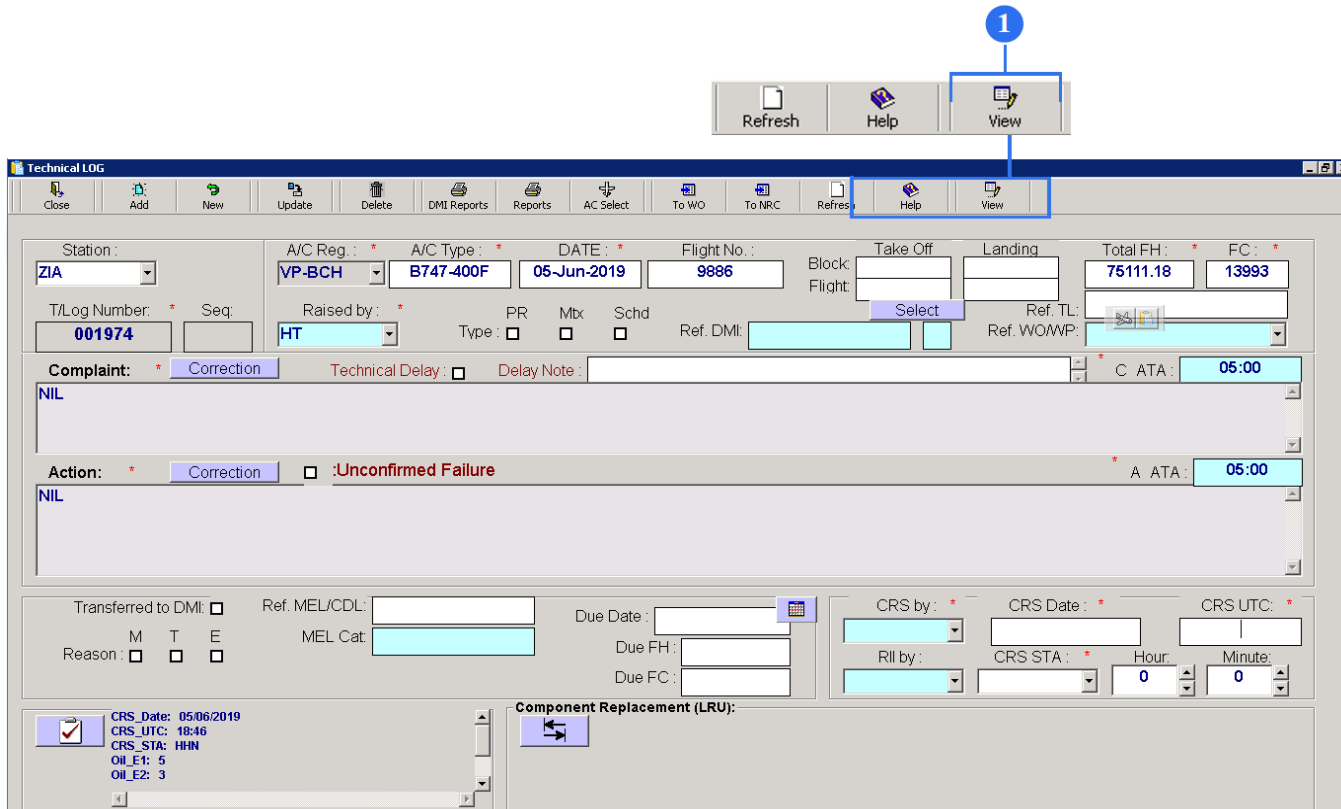
6. If you want to see shortened report tick the “Crippled Version”. To see the full report of the component replacement (with action text for example) remove the tick.

7. Click on the “Preview” button to see report.

8. Push “Print” button to print file immediately.

9. Click on the “Cancel” to close the TLOG Report window.

6.3. View



1. To monitor absolutely all creating T/Logs you can click on the “View” on the upper toolbars and T/Log list will open.

ID:	TLOG:	Seq:	STA:	AC_Reg:	Date:	Time:	Flight_No
943	ser	1	DUN	VP-BCH	04/07/2019		
618	001031		GYD	VP-BCH	20/06/2018	00:32	9307

2. Select aircraft registration.

3 You can find the definite T/Log using technical log book number or ATA number, also you can use the text from the Complaint field and from the Action field and if you remember airport station name.

4. You can tick “DMI”, “Unconfirmed Failure”, “PR”, “MT”, “SCH” fields as filters.

5. To transfer save T/Logs to excel, push “Excel” button.

6. To make changes to any saved T/Log, move the cursor over the selected line and click on two times. Editor window will appear.

7. You can use different ticks or “Delay Note” field to make a change and push “Save” button, but to change other T/Log fields click on the “to Editor” to transfer to Technical LOG screen. Make a change and push the “Update” button on the upper screen to save changes.

“Cancel” button is needed to close Editor window.

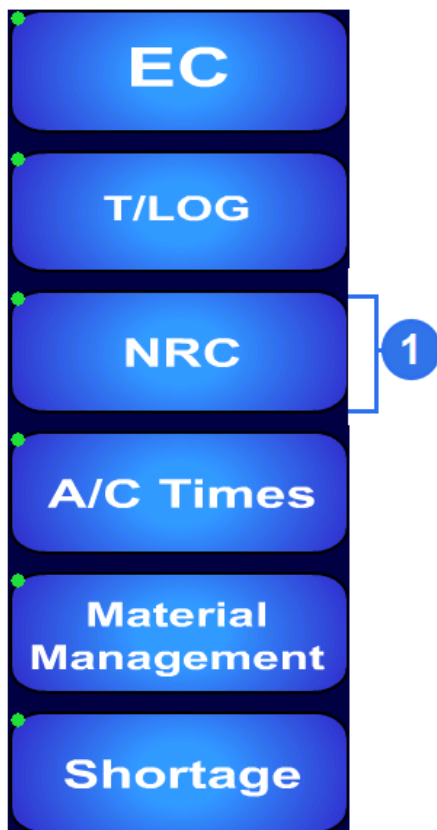
NRC – NON – ROUTINE CARD

User Guidance

Contents

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1. General.



A non – routine card is registered in case of new detected defects and problems, when there is no opportunity to solve technical problem right now. To begin to work with this submodule, you need click “NRC” button (1) on the right side of the PART M module list.

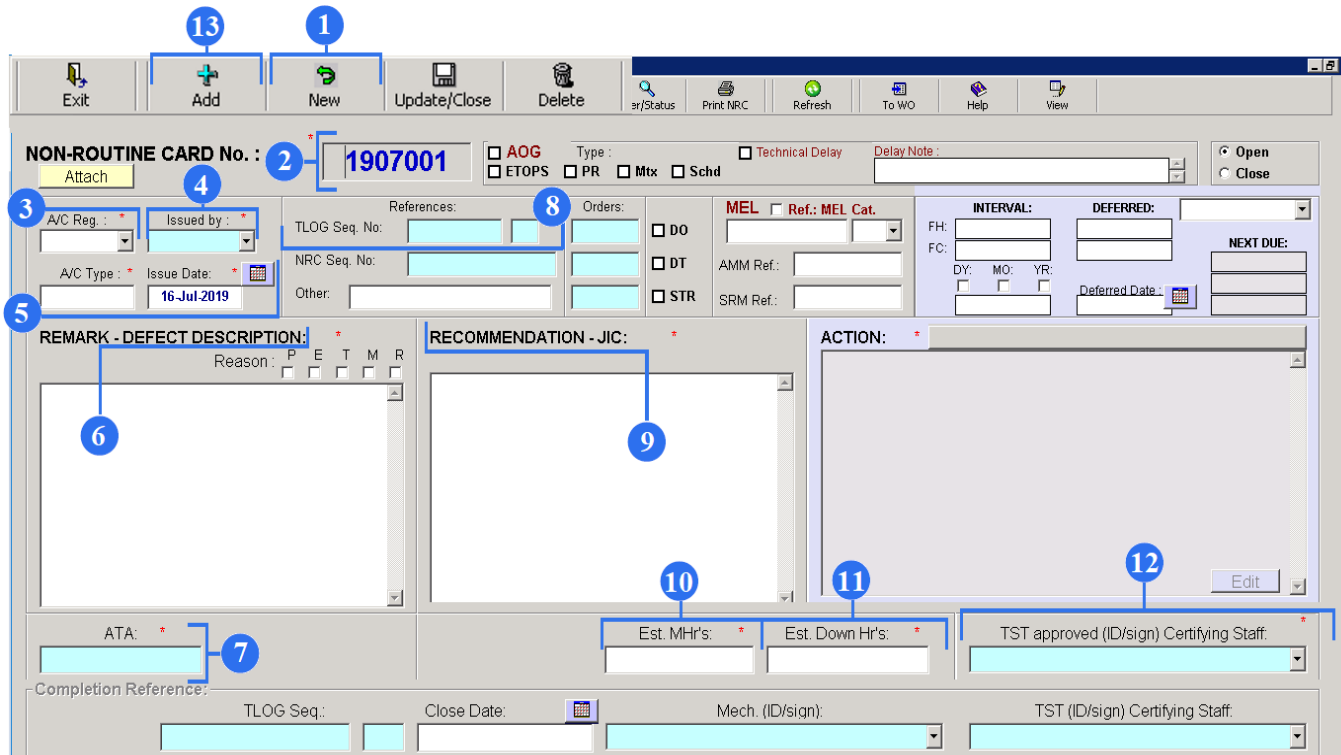
The user’s manual consists of two sections: NRC creation and NRC toolbar overview.

Non – routine card creation provides step by step overview of the new NRC creation with defect rectification, of the NRC creation using MEL/CDL and of the NRC creation with closing deferred defect.

NRC toolbar overview section gives you information how to create new NRC with other A/C registration number without exit from NRC submodule and re-enter. Also, this section allows to find any necessary information by using history filters and to find NRC maintenance history for any period.

2. Non – Routine Card (NRC) creation.

2.1. NRC creation with defect rectification.



The screenshot shows the 'NON-ROUTINE CARD' creation screen. Key elements include:

- 1:** 'NEW' button in the toolbar.
- 2:** 'NON-ROUTINE CARD No.' field containing '1907001'.
- 3:** 'A/C Reg.' dropdown menu.
- 4:** 'Issue Date' field showing '16-Jul-2019'.
- 5:** 'REMARK - DEFECT DESCRIPTION' text area.
- 6:** 'REMARK - DEFECT DESCRIPTION' text area.
- 7:** 'ATA' field.
- 8:** 'References' section with 'TLOG Seq. No.' and 'NRC Seq. No.' fields.
- 9:** 'RECOMMENDATION - JIC' text area.
- 10:** 'RECOMMENDATION - JIC' text area.
- 11:** 'ACTION' text area.
- 12:** 'Edit' button next to the 'ACTION' field.
- 13:** 'Add' button in the toolbar.

1. To create a new NRC, push “NEW” button on the upper toolbar of the NON – ROUTINE CARD screen.

2. The NRC number will appear automatically. It is unique number which is created by NRC sub - module. It gets rid of duplicate number.

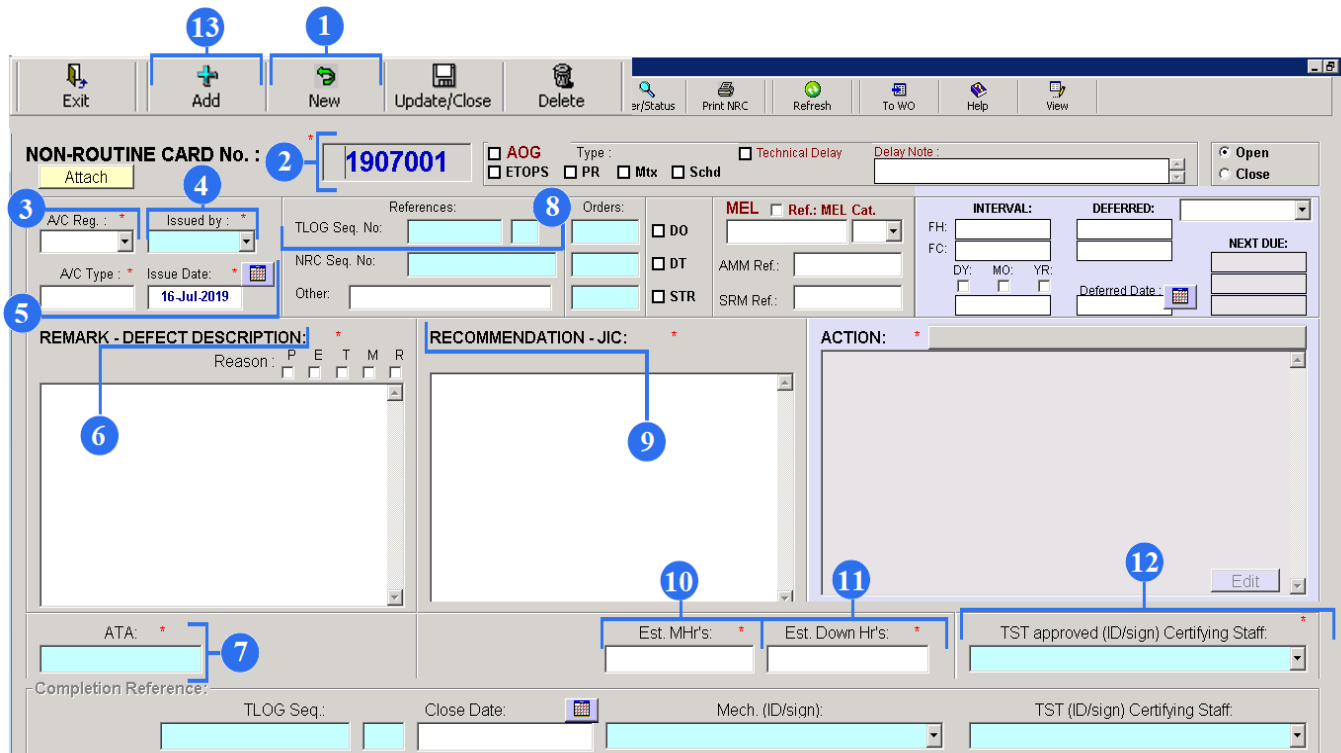
3. Select aircraft registration and aircraft type will automatically appear.

4. Select a mechanical ID number. Click F1 button on your computer keyboard to see more information about mechanical.

5. NRC Editor will automatically generate a today’s date. If the edit date is not today, use the calendar to select the correct flight date of proper aircraft.

6. REMARK field is needed to record all pilot remarks or remarks, that was found during maintenance.

NOTE: Fields with a reference marks (*) are mandatory to fill.



The screenshot shows a software interface for a 'NON-ROUTINE CARD'. The form is divided into several sections:

- Header:** Includes 'NON-ROUTINE CARD No. : 1907001' and various checkboxes like AOG, ETOPS, PR, Mtx, and Schd.
- Metadata:** Fields for A/C Reg., Issued by, TLOG Seq. No., NRC Seq. No., and Other.
- Remark - Defect Description:** A large text area for describing the issue.
- Recommendation - JIC:** A text area for providing job instruction cards.
- Action:** A text area for recording actions taken.
- Summary/Approval:** Fields for ATA, Est. Mhr's, Est. Down Hr's, and TST approved (ID/sign) Certifying Staff.
- Completion Reference:** Fields for TLOG Seq., Close Date, Mech. (ID/sign), and TST (ID/sign) Certifying Staff.

Numbered callouts (1-13) point to specific elements: 1 (New button), 2 (Card number), 3 (A/C Reg.), 4 (Issued by), 5 (Remark header), 6 (Remark text area), 7 (ATA field), 8 (References), 9 (Recommendation header), 10 (Est. Mhr's), 11 (Est. Down Hr's), 12 (TST approved), 13 (Add button).

7. Select from ATA catalog correct system chapter number of related remark.

8. Enter a T/L number and its sequences (there are Technical Log Books where the whole page has number, but each reference has item number (sequence), and there are Technical Log Books where the page has references with own numbers, then Seq field is not required).

9. RECOMENDATION field is needed to record all recommendation for maintenance such as documentation references, or maintenance limitation. JIC – Job Instruction Card.

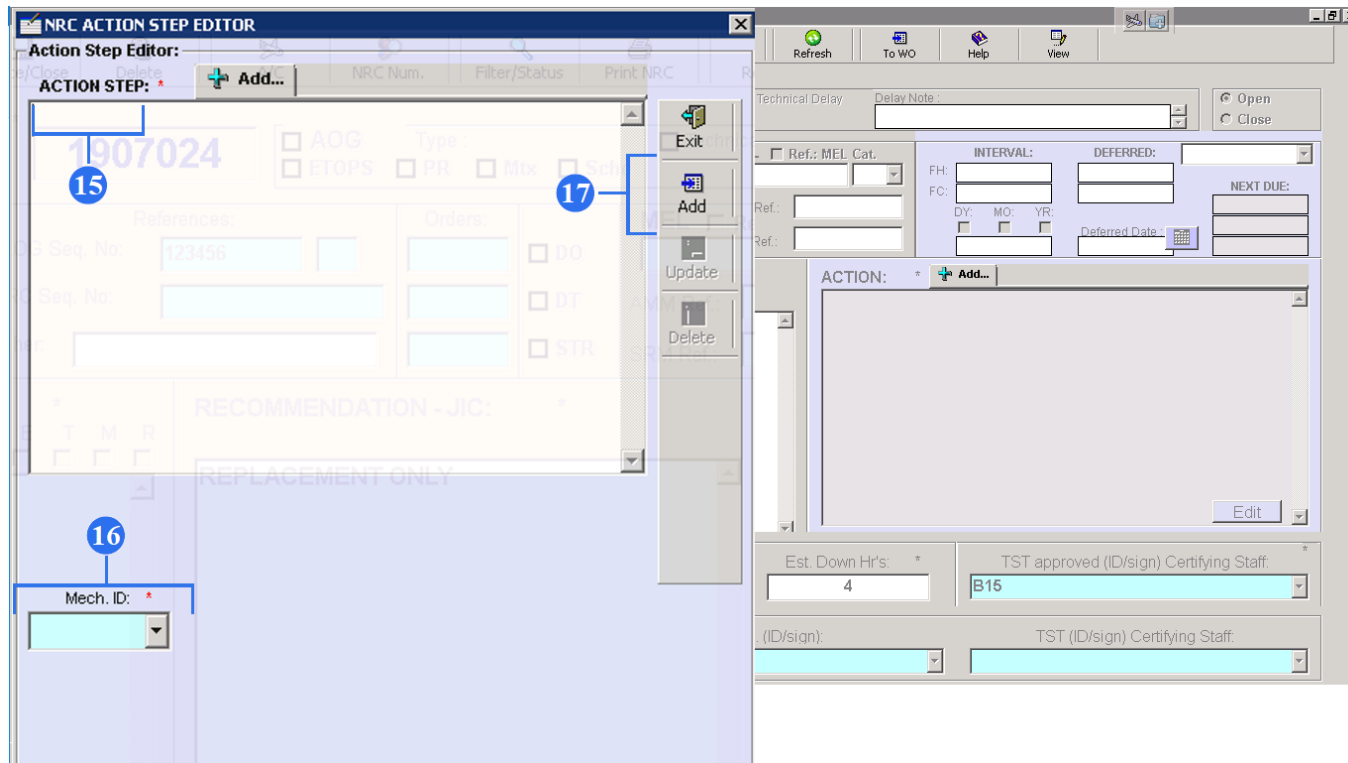
10. Enter estimated man hours (Est. Mhr's).

11. Enter estimated down hours (Est. Down Hr's)

12. Enter mechanical ID number to “TST approved (ID/sign) Certifying Staff” field.

13. Push “Add” button to confirm transfer current NRC to PART – M Planning Module as a new task for completion.

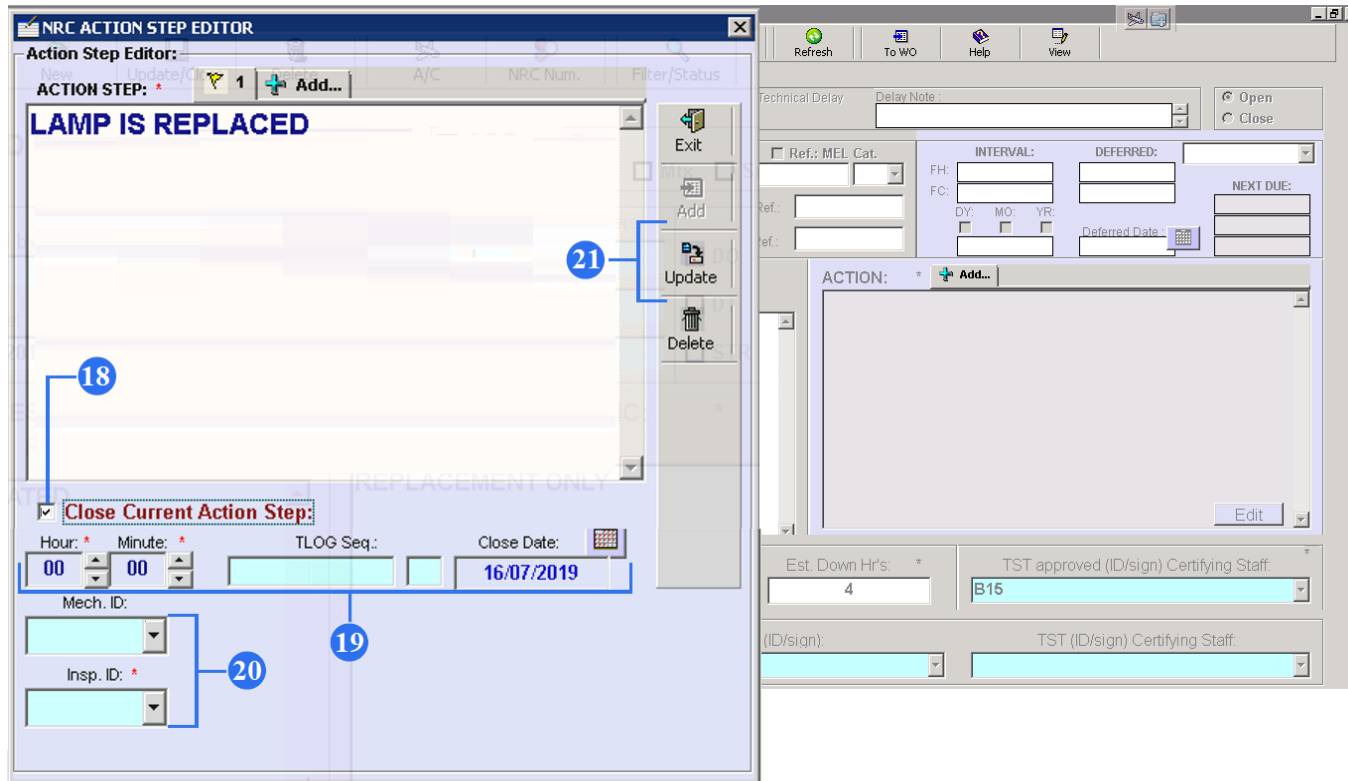
14. To record all actions taken by maintenance staff push ADD button, and NRC Action Step Editor will open.



15. Enter all actions taken by maintenance staff.

16. Enter mechanical ID number to “MECH ID” field.

17. Push “Add” button to confirm new add action.

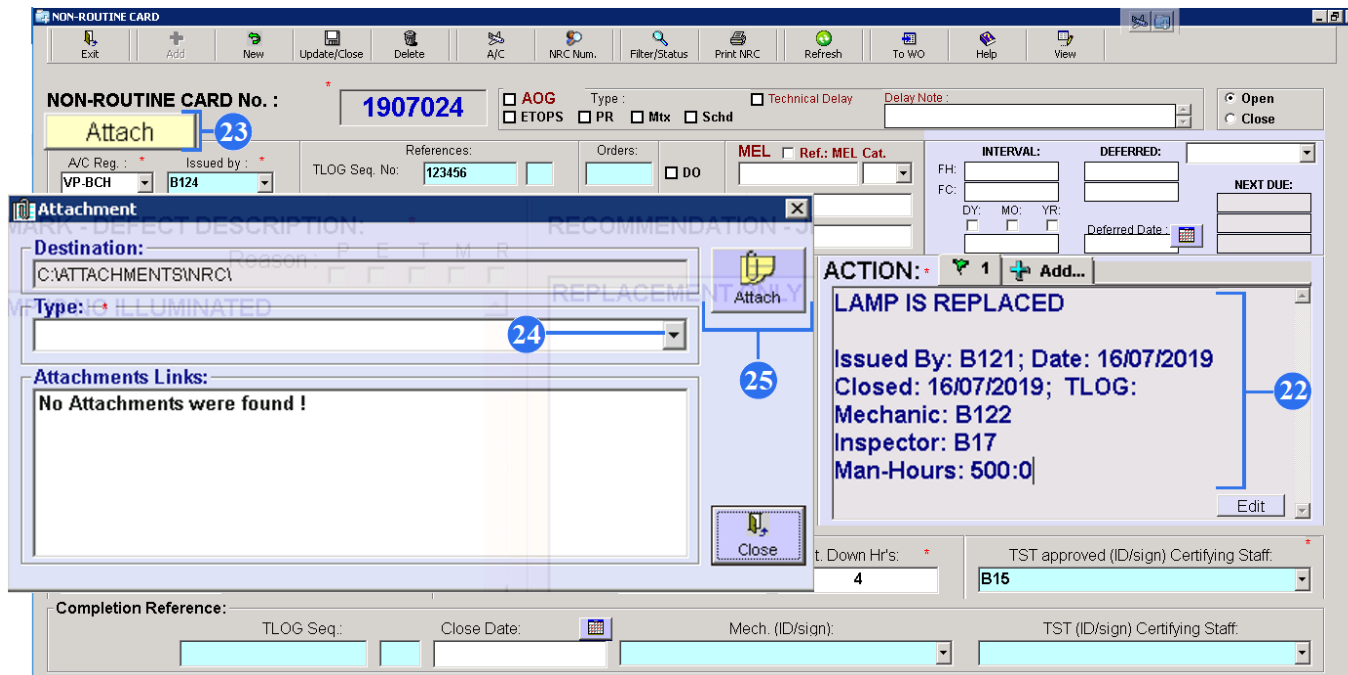


18. Tick the “Close Current Action Step” field.

19. Enter hours and minutes to display the total work time of the maintenance staff. Type the TLOG number and select the related date.

20. Enter mechanical ID number and Inspector ID number.

21. Push the “Update” button to confirm close action step.



22. You can see the records in the “Action” field.

23. If you want to attach the defect by add information such as picture, W.O. or AMM illustration, push yellow “Attach” button.

24. Select a type of the information.

25. Push the “Attach” button and find this file in your computer memory.

The screenshot shows a software interface for a NON-ROUTINE CARD. The title bar includes a toolbar with buttons: Exit, Add, New, Update/Close (highlighted with callout 29), NRC Num., Filter/Status, Print NRC, Refresh, To WO, Help, and View. The main form area contains the following fields and sections:

- NON-ROUTINE CARD No.:** 1907025 (highlighted with callout 29)
- Buttons:** Attach, Open, Close
- Checkboxes:** AOG, ETOPS, PR, Mtx, Schd, Technical Delay
- Delay Note:** Text input field
- Fields:** A/C Reg., Issued by, TLOG Seq. No., NRC Seq. No., Other, MEL, Ref.: MEL Cat., AMM Ref., SRM Ref., INTERVAL (FH, FC, DY, MO, YR), DEFERRED, NEXT DUE, Deferred Date
- REMARK - DEFECT DESCRIPTION:** Text area with Reason: P, E, T, M, R
- RECOMMENDATION - JIC:** Text area
- ACTION:** Text area with Edit button
- ATA:** Text input field
- Est. MHR's:** Text input field
- Est. Down Hr's:** Text input field
- TST approved (ID/sign) Certifying Staff:** Dropdown menu
- Completion Reference:** TLOG Seq., Close Date (calendar icon), Mech. (ID/sign) (dropdown), TST (ID/sign) Certifying Staff (dropdown)

Callouts 26, 27, and 28 point to the TLOG Seq., Mech. (ID/sign), and TST (ID/sign) Certifying Staff fields, respectively.

26. Enter a T/L number and its sequences. Use the calendar to select the correct flight date of proper aircraft.

27. Enter mechanical ID number to “Mech.(ID/sign)” field.

28. Enter mechanical ID number to “TST approved (ID/sign) Certifying Staff” field.

29. Push “Update/Close” button on the upper toolbar to confirm update current NRC.

2.2. NRC creation with opening defect using MEL/CDL or other technical documentation.

1. To create a new NRC, push “NEW” button on the upper toolbar of the NON – ROUTINE CARD screen.

2. The NRC number will appear automatically. It is unique number which is created by NRC sub - module. It gets rid of duplicate number.

3. Select aircraft registration and aircraft type will automatically appear.

4. Select a mechanical ID number. Click F1 button on your computer keyboard to see more information about mechanical.

5. NRC Editor will automatically generate a today’s date. If the edit date is not today, use the calendar to select the correct flight date of proper aircraft.

6. REMARK field is needed to record all pilot remarks or remarks, that was found during maintenance.

NOTE: Fields with a reference marks (*) are mandatory to fill.

7. Select the reason of the deferred reference creation, where:

- P – pilot remark;
- E – lack of equipment;
- T – lack of time;
- M – lack of material;
- R – lack of resources.

8. Select from ATA catalog correct system chapter number of related remark.

9. Enter a T/L number and its sequences (there are Technical Log Books where the whole page has number, but each reference has item number (sequence), and there are Technical Log Books where the page has references with own numbers, then Seq field is not required).

If you want to tie defect in the actual NRC with defect of the old existing NRC, select in “NRC Seq No” field from the whole list corresponding NRC number. It helps to monitor repeating defect.

The screenshot shows a software interface for a 'NON-ROUTINE CARD'. The form is titled 'NON-ROUTINE CARD No. : 1907001'. It includes a toolbar at the top with buttons like 'Exit', 'Add', 'New', 'Update/Close', 'Delete', 'Print NRC', 'Refresh', 'To WO', 'Help', and 'View'. The main form area is divided into several sections: 'A/C Reg.' and 'Issued by' (1, 2, 3, 4), 'References' and 'Orders' (5, 6, 7, 8, 9), 'MEL' and 'Ref.: MEL Cat.' (10, 11), 'Interval' and 'Deferred' (12, 13, 14, 15), 'REMARK - DEFECT DESCRIPTION' (16, 17), 'RECOMMENDATION - JIC' (18), and 'ACTION' (19). At the bottom, there are fields for 'ATA', 'Est. MHR's', 'Est. Down Hr's', 'TST approved (ID/sign) Certifying Staff', 'Completion Reference', 'TLOG Seq.', 'Close Date', 'Mech. (ID/sign)', and 'TST (ID/sign) Certifying Staff'. Numbered callouts 1 through 20 are placed throughout the form to highlight specific fields and controls.

“Other” field is necessary to enter document according to which the action was performed. (for example: work order, work package, operator letter)

10. If it is ETOPS flight, tick the ETOPS field. If there is non-flight defect, tick the AOG field.

11. Tick PR or Mtx or Schd field, where

- PR – Pilot Remarks. Pilot makes report about fault in TLB before departure or after arrival.
- Mtx–Maintenance Remarks.
- Fault report is made in TLB by maintenance staff.
- Schd–Schedule Remarks.

It means defect rectification, or troubleshooting procedure during ground time.

12. If a complaint is serious and an aircraft needs to be delayed due to some technical reasons, tick the ‘Technical Delay’ and make a Delay Note.

13. Select status of defect, where:

- DO– deferred operation;
- DT – deferred technical
- STR – structural.

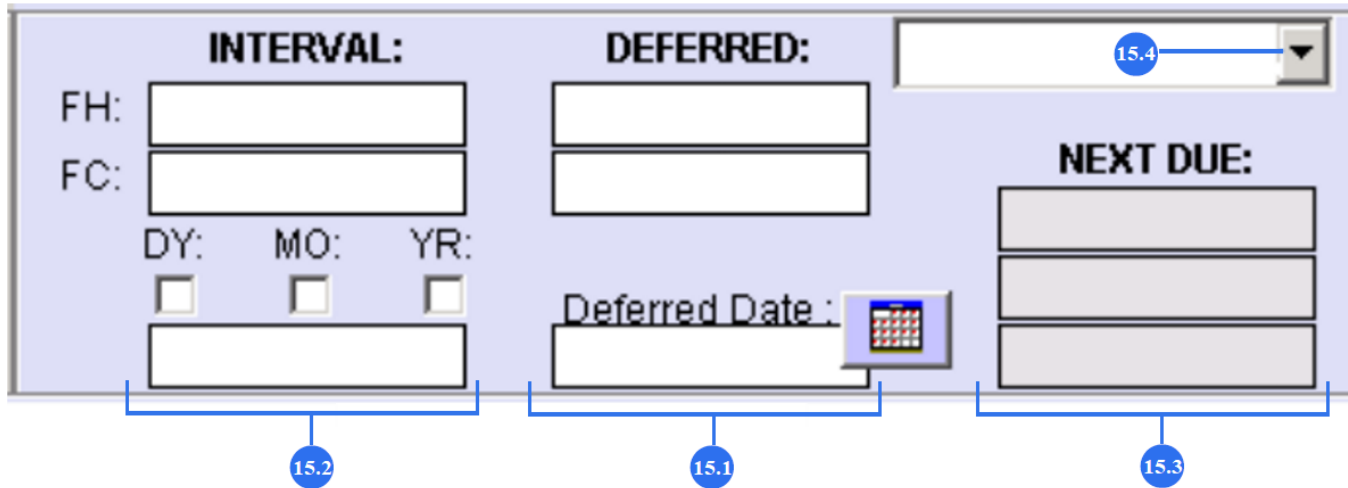
14. Tick the MEL field, write in MEL item and select MEL category (from A to D). If the defect is opened in accordance with other technical documentation such as AMM, SRM, FIM, TSM or operator letter, select N/A category. Further type the technical documentation reference.

15. This section is required to set deadlines of defects. Also, it permits to enter interval of inspection and it allows to defer the defect until the next heavy maintenance.

15.1. If you open a defect accordance to MEL or CDL, set a dead line using Calendar button (deferred date field).

If the dead line does not depend on MEL category, but it depends on amount of the flight hours or flight cycles detected in other technical documentation (for example AMM, FIM, SRM) use “DEFERRED” column to set corresponding dead line. Give an example.

SRM offers to defer the dent repair for 1500 FH. You must add 1500 FH to total flight hours, and enter this result in the first line of the “DEFERRED” column. It is the same with flight cycles.



The screenshot shows a software interface for defect management. It is divided into three main sections: INTERVAL, DEFERRED, and NEXT DUE. The INTERVAL section has fields for FH, FC, and a date selector (DY, MO, YR). The DEFERRED section has a 'Deferred Date' field with a calendar icon. The NEXT DUE section has three stacked input fields. A dropdown menu is located at the top right. Callouts 15.1, 15.2, 15.3, and 15.4 point to the DEFERRED Date field, the INTERVAL section, the NEXT DUE section, and the dropdown menu, respectively.

Give the second example.

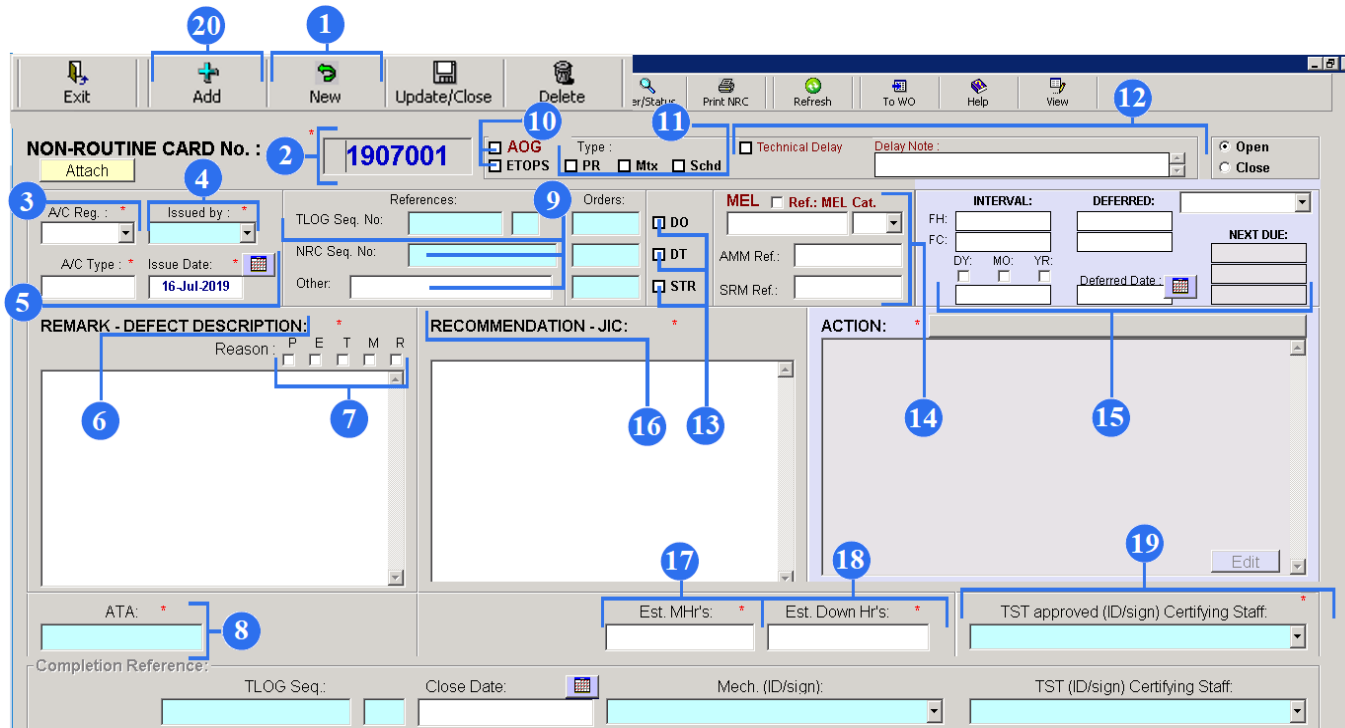
You open the defect accordance to operator letter for 5 days. Use calendar button (Deferred Date field) to set dead line.

15.2. "INTERVAL" column is used only to set interval inspection of damage within corresponding dead line.

Give an example.

SRM suggests to defer the cargo floor puncture for 1500 FH and to install high speed tape. But within 1500 FH it is necessary to check high speed tape condition every 100 FH. In this case you must add 1500 FH to total flight hours, and enter this result in the first line of the "DEFERRED" column. And you must enter 100 FH in the first line of the INTERVEL column. After it you can see data of the next due. (see figure 15.3)

15.4. If you open a defect until the next heavy maintenance push on the button with triangle and select corresponding maintenance.



The screenshot shows a software interface for a 'NON-ROUTINE CARD'. The form is divided into several sections:

- Header:** Includes buttons for 'Exit', 'Add', 'New', 'Update/Close', and 'Delete'. A search bar and 'Print NRC' button are also present.
- Card Information:** 'NON-ROUTINE CARD No.' is set to '1907001'. There are checkboxes for 'AOG', 'ETOPS', 'PR', 'Mtx', and 'Schd'. A 'Technical Delay' checkbox and a 'Delay Note' field are also visible.
- Metadata:** Fields for 'A/C Reg.', 'Issued by', 'TLOG Seq. No.', 'NRC Seq. No.', 'A/C Type', and 'Issue Date' (16-Jul-2019).
- Remarks and Recommendations:** Two large text areas labeled 'REMARK - DEFECT DESCRIPTION' and 'RECOMMENDATION - JIC'. A 'Reason' dropdown menu is located between them.
- Action and Scheduling:** An 'ACTION' field, 'INTERVAL' and 'DEFERRED' dropdowns, and 'NEXT DUE' field.
- Bottom Section:** Fields for 'ATA', 'Est. MHR's', 'Est. Down Hr's', and 'TST approved (ID/sign) Certifying Staff'. A 'Completion Reference' section at the very bottom includes 'TLOG Seq.', 'Close Date', 'Mech. (ID/sign)', and another 'TST (ID/sign) Certifying Staff' field.

16. RECOMENDATION field is needed to record all recommendation for maintenance such as documentation references, or maintenance limitation.

JIC – Job Instruction Card.

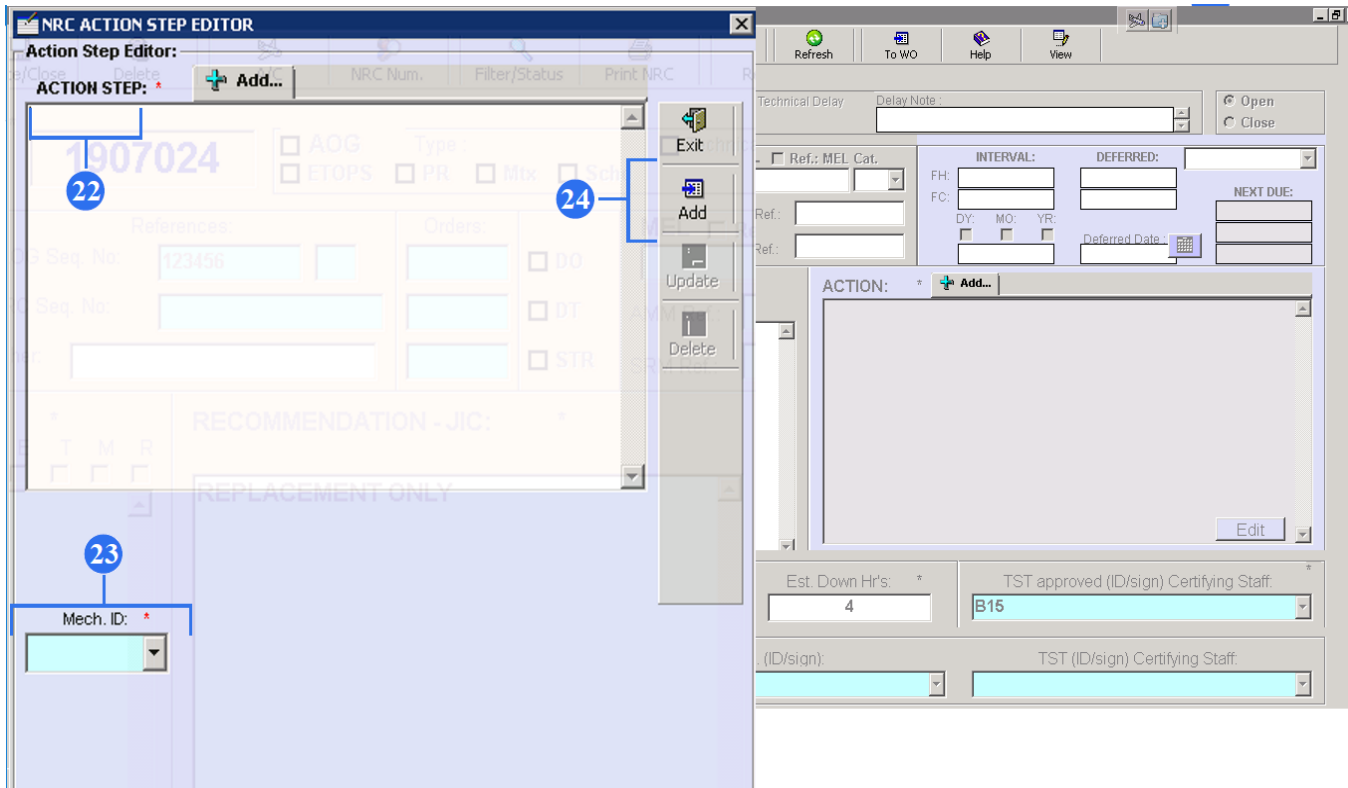
17. Enter estimated man hours (Est. MHR's).

18. Enter estimated down hours (Est. Down Hr's)

19. Enter mechanical ID number to “TST approved (ID/sign) Certifying Staff” field.

20. Push “Add” button to confirm transfer current NRC to PART – M Planning Module as a new task for completion.

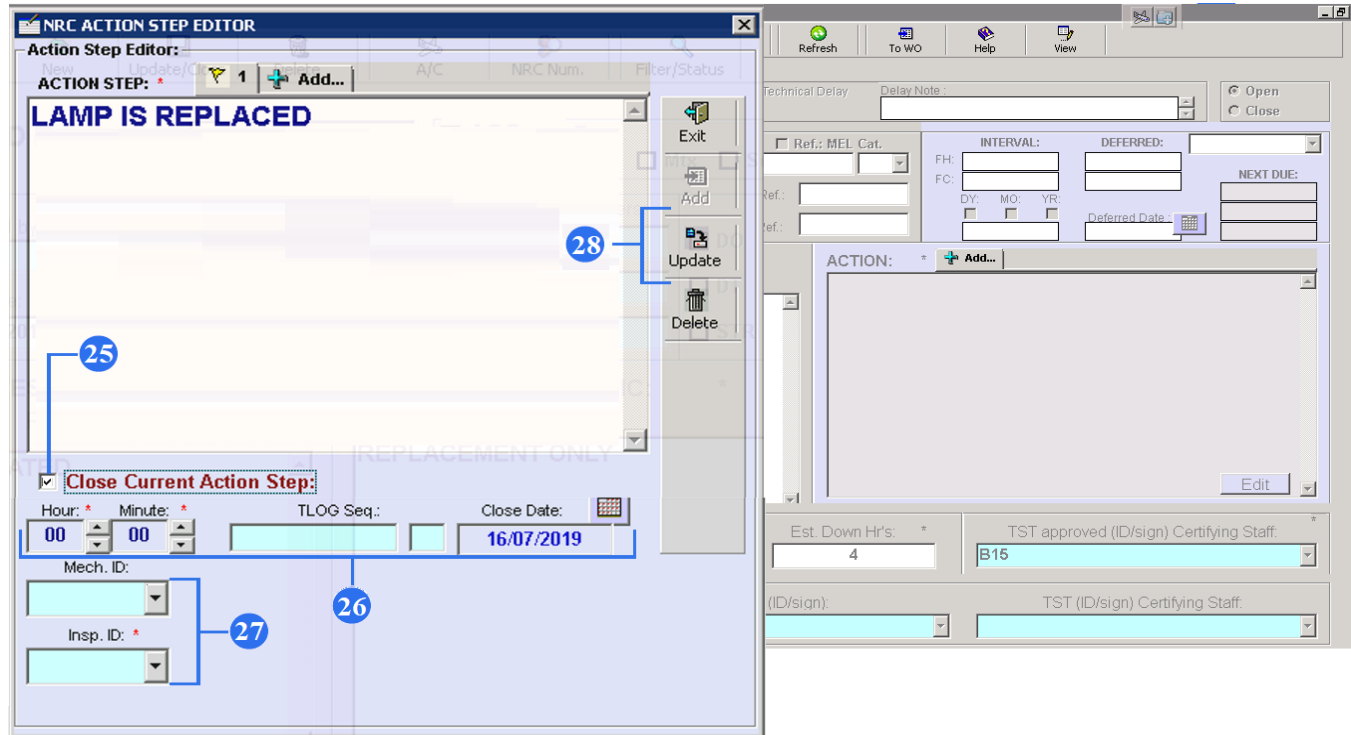
21. To record all actions taken by maintenance staff push ADD button, and NRC Action Step Editor will open.



22. Enter all actions taken by maintenance staff.

23. Enter mechanical ID number to “MECH ID” field.

24. Push “Add” button to confirm new add action.

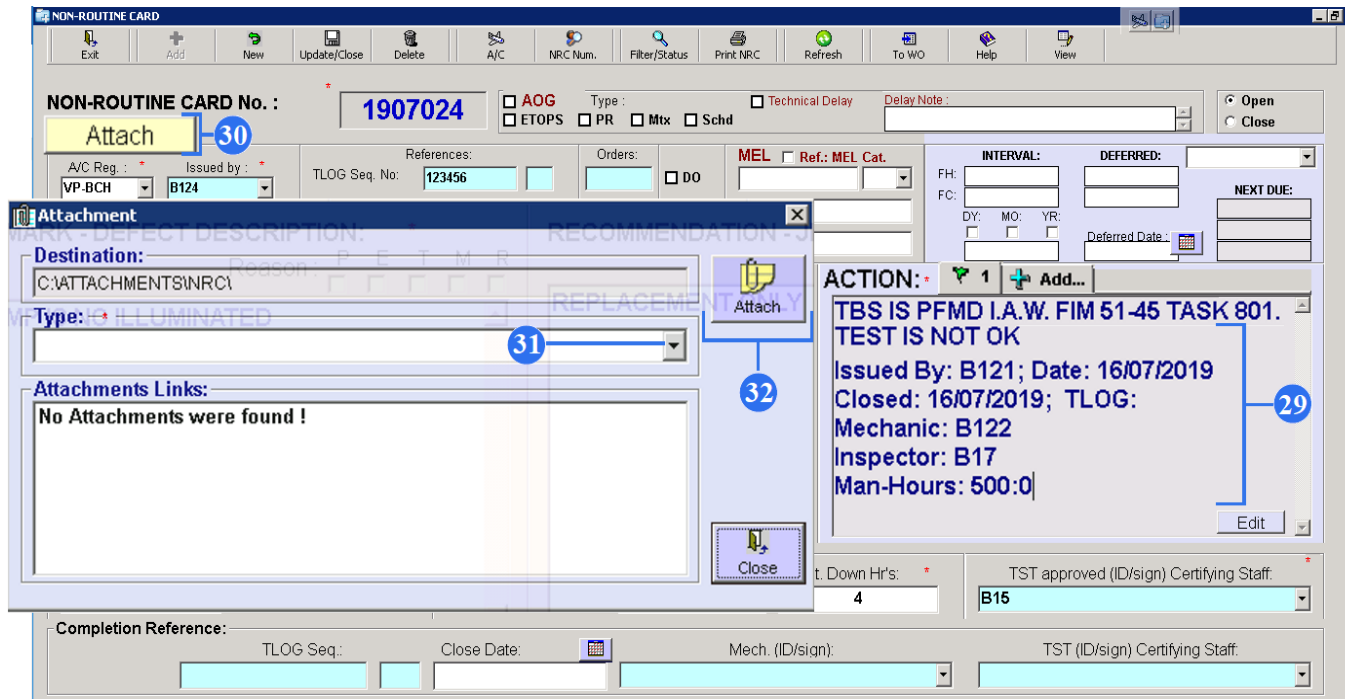


25. Tick the “Close Current Action Step” field.

26. Enter hours and minutes to display the total work time of the maintenance staff. Type the TLOG number and select the related date.

27. Enter mechanical ID number and Inspector ID number.

28. Push the “Update” button to confirm close action step.



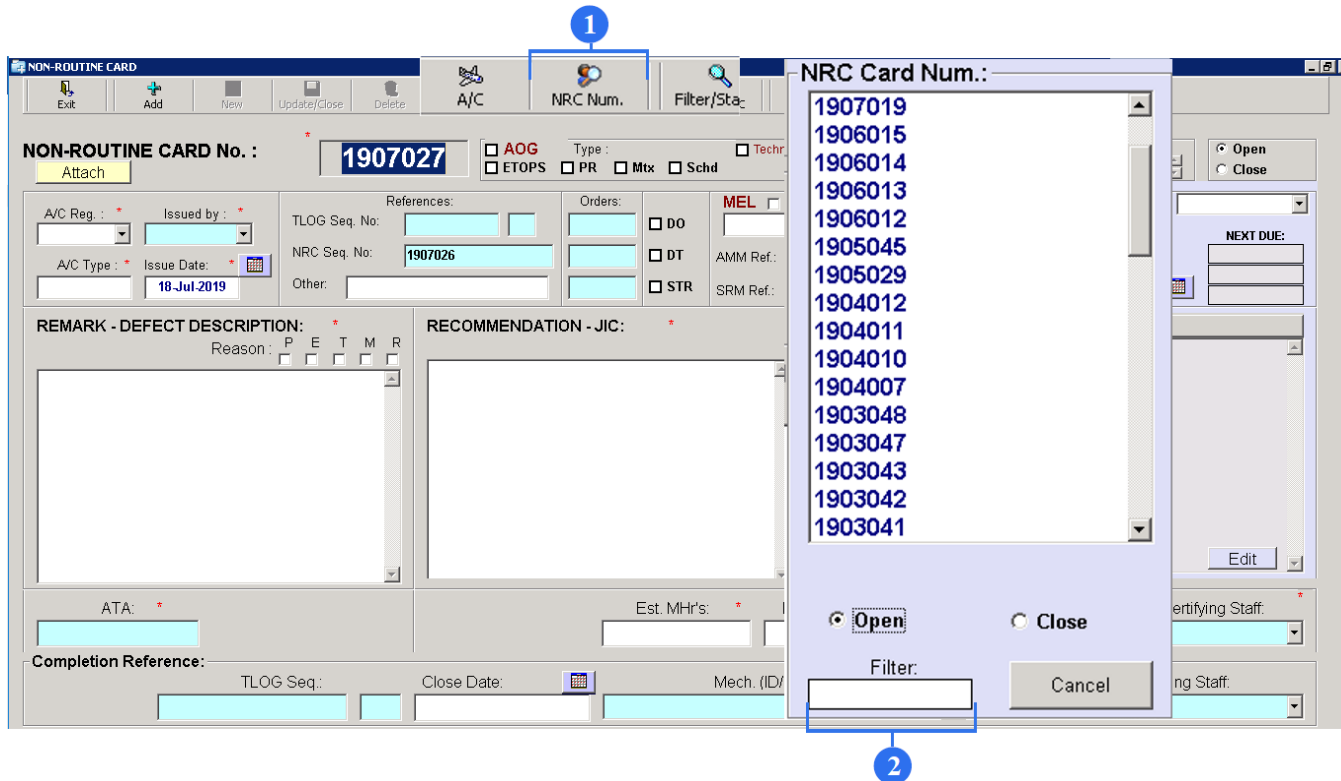
29. You can see the records in the “Action” field.

30. If you want to attach the defect by add information such as picture, W.O. or AMM illustration, push yellow “Attach” button.

31. Select a type of the information.

32. Push the “Attach” button and find this file in your computer memory.

2.3. NRC creation with closing deferred defect.



1. Push “NRC Num.” button on the upper toolbar, NRC Card Num will open.

2. Enter the NRC number according to which the defect was opened. Click two times on the NRC number.

NON-ROUTINE CARD

NON-ROUTINE CARD No. : **1907026** AOG ETOPS PR Mtx Schd Type : Technical Delay Delay Note :

Attach Open Close

A/C Reg. : **VP-BCH** Issued by : **B121** TLOG Seq. No. : **vm12345** Orders: DO DT STR MEL Ref.: MEL Cat. **33-20** **C** INTERVAL: DEFERRED: FH: FC: NEXT DUE: **28-Jul-2019**

A/C Type : **B747-400F** Issue Date : **18-Jul-2019** NRC Seq. No.: Other: AMM Ref.: SRM Ref.: Deferred Date: **28-Jul-2019**

REMARK - DEFECT DESCRIPTION: Reason: P E T M R **LIGHT IS NOT ILLUMINATED**

RECOMMENDATION - JIC: **REPLACEMENT**

ACTION: **1** Add... **3**

TEST IS NOT OK
TBS MUST BE CONT

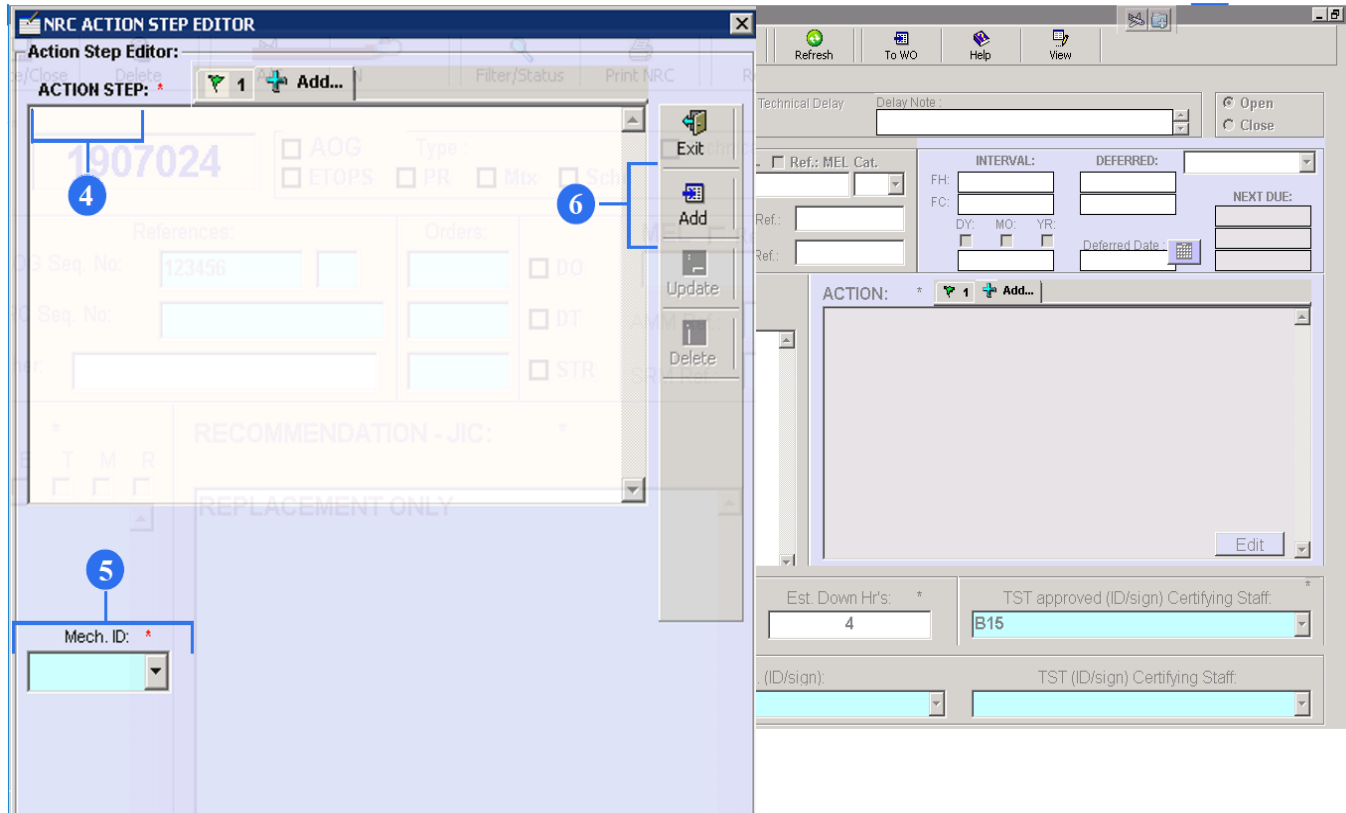
Issued By: B121; Date: 18/07/2019
Closed: 18/07/2019; TLOG: VM12345
Mechanic: B121
Inspector: B15
Man-Hours: 1:0

Edit

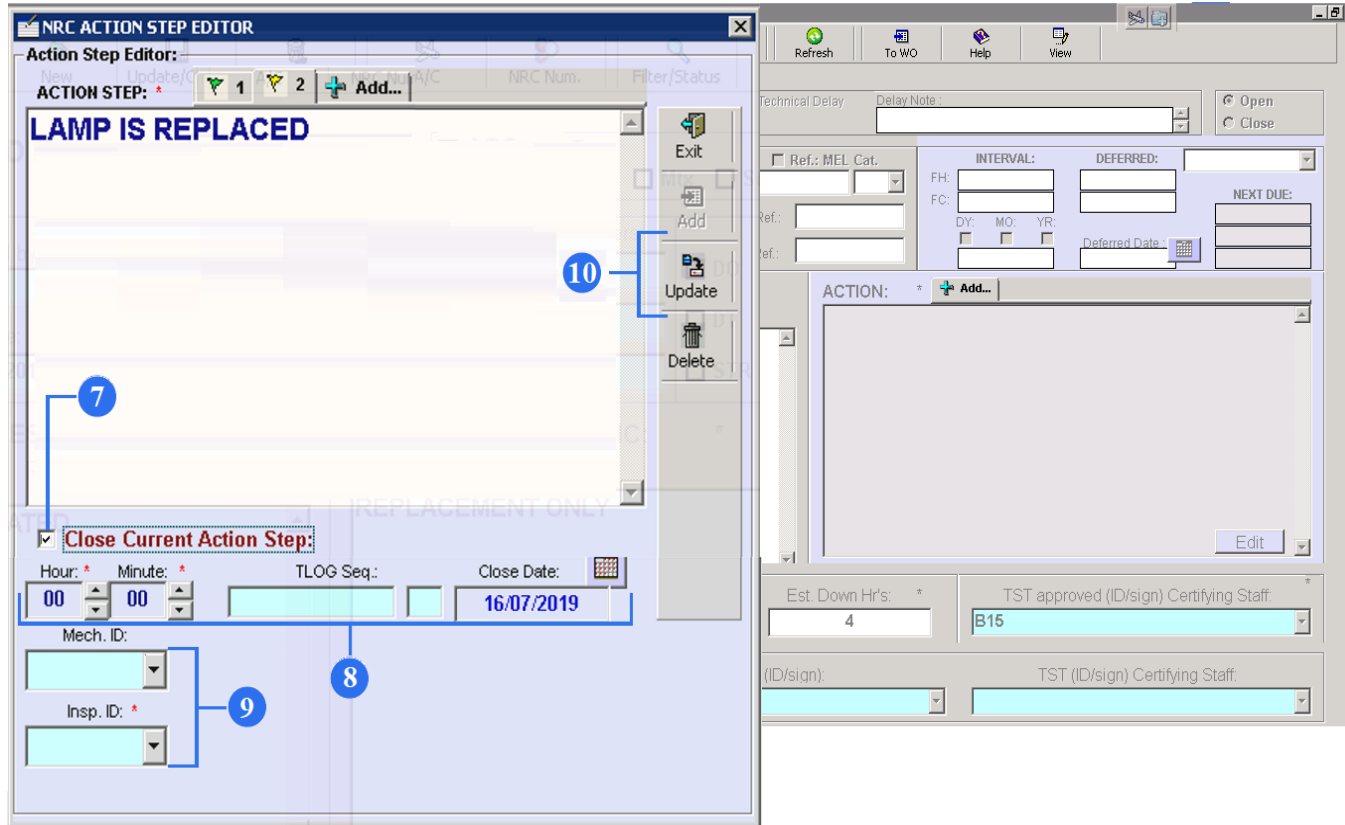
ATA: **33-32** Est. MHR's: **1** Est. Down Hr's: **1** TST approved (ID/sign) Certifying Staff: **B15**

Completion Reference: TLOG Seq.: Close Date: Mech. (ID/sign): TST (ID/sign) Certifying Staff:

3. On the "Action" field push "Add" button to make record of maintenance action.



4. Enter all actions taken by maintenance staff.
5. Enter mechanical ID number to “MECH ID” field.
6. Push “Add” button to confirm new add action.



7. Tick the “Close Current Action Step” field.
8. Enter hours and minutes to display the total work time of the maintenance staff. Type the TLOG number and select the related date.
9. Enter mechanical ID number and Inspector ID number.
10. Push the “Update” button to confirm close action step.

14

Exit Add New Update/Close

NON-ROUTINE CARD No. : 1907025

Attach

AOG ETOPS PR Mtx Schd

Technical Delay Delay Note:

Open Close

A/C Reg. : Issued by : TLOG Seq. No. : NRC Seq. No. : Other:

A/C Type : Issue Date : 16-Jul-2019

Orders: DO DT STR

MEL Ref.: MEL Cat.

AMM Ref.:

SRM Ref.:

INTERVAL: DEFERRED:

FH: FC:

DY: MO: YR:

Deferred Date:

NEXT DUE:

REMARK - DEFECT DESCRIPTION: Reason: P E T M R

RECOMMENDATION - JIC:

ACTION:

ATA:

Est. MHr's: Est. Down Hr's:

TST approved (ID/sign) Certifying Staff:

Completion Reference: TLOG Seq.: Close Date:

Mech. (ID/sign):

TST (ID/sign) Certifying Staff:

11 12 13

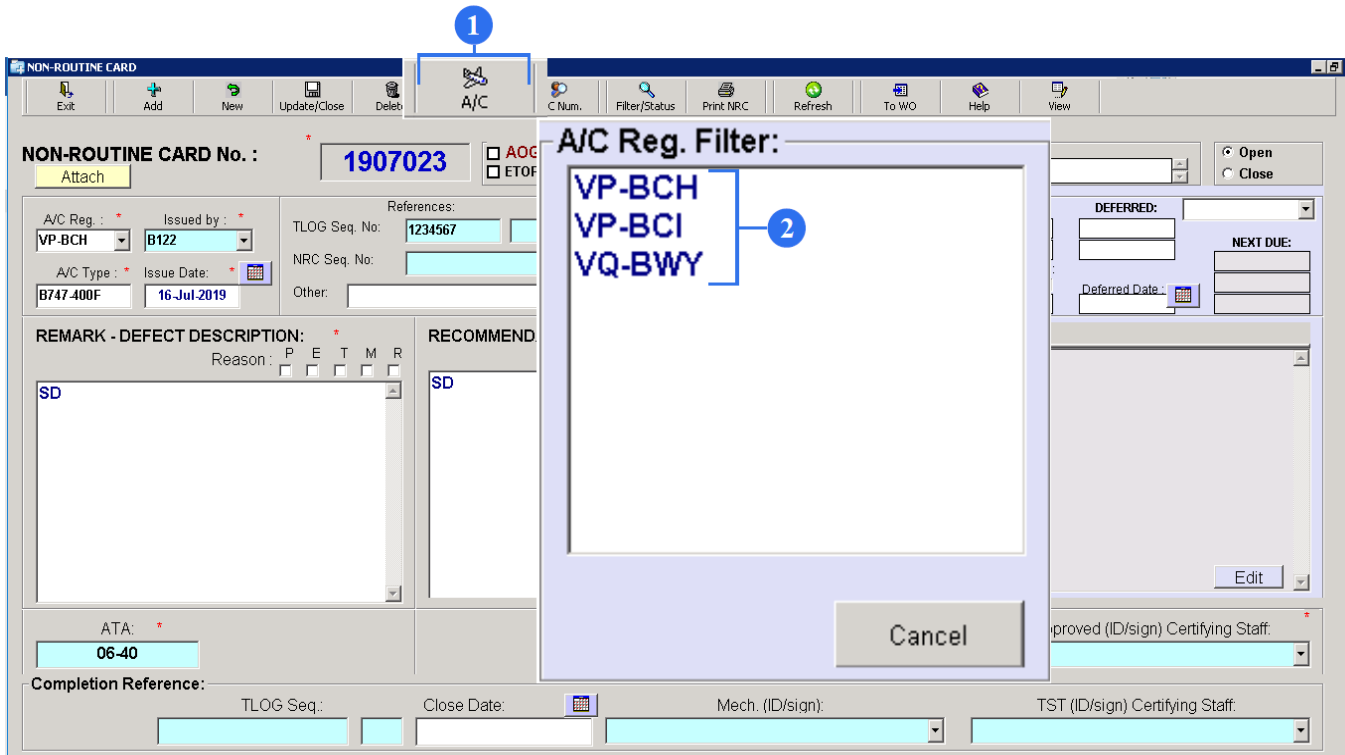
11. Enter a T/L number and its sequences. Use the calendar to select the correct flight date of proper aircraft.

12. Enter mechanical ID number to “Mech.(ID/sign)” field.

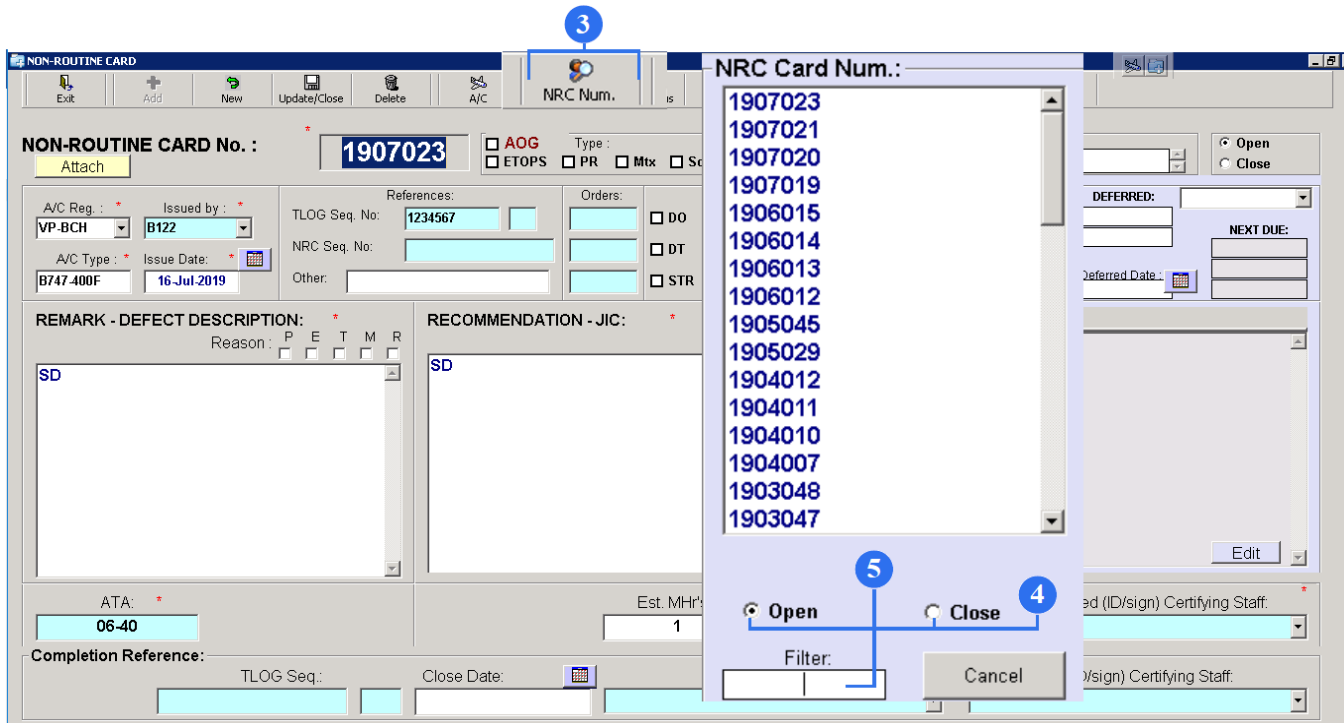
13. Enter mechanical ID number to “TST approved (ID/sign) Certifying Staff” field.

14. Push “Update/Close” button on the upper toolbar to confirm update current NRC. Current NRC will be terminated in PART -M Planning Module

3. NRC toolbar overview.



1. If you want to create new NRC with other A/C registration number, no need to exit from NRC submodule and re-enter. Push “AC Select” button.
2. From the whole list highlight other A/C registration and click two times.

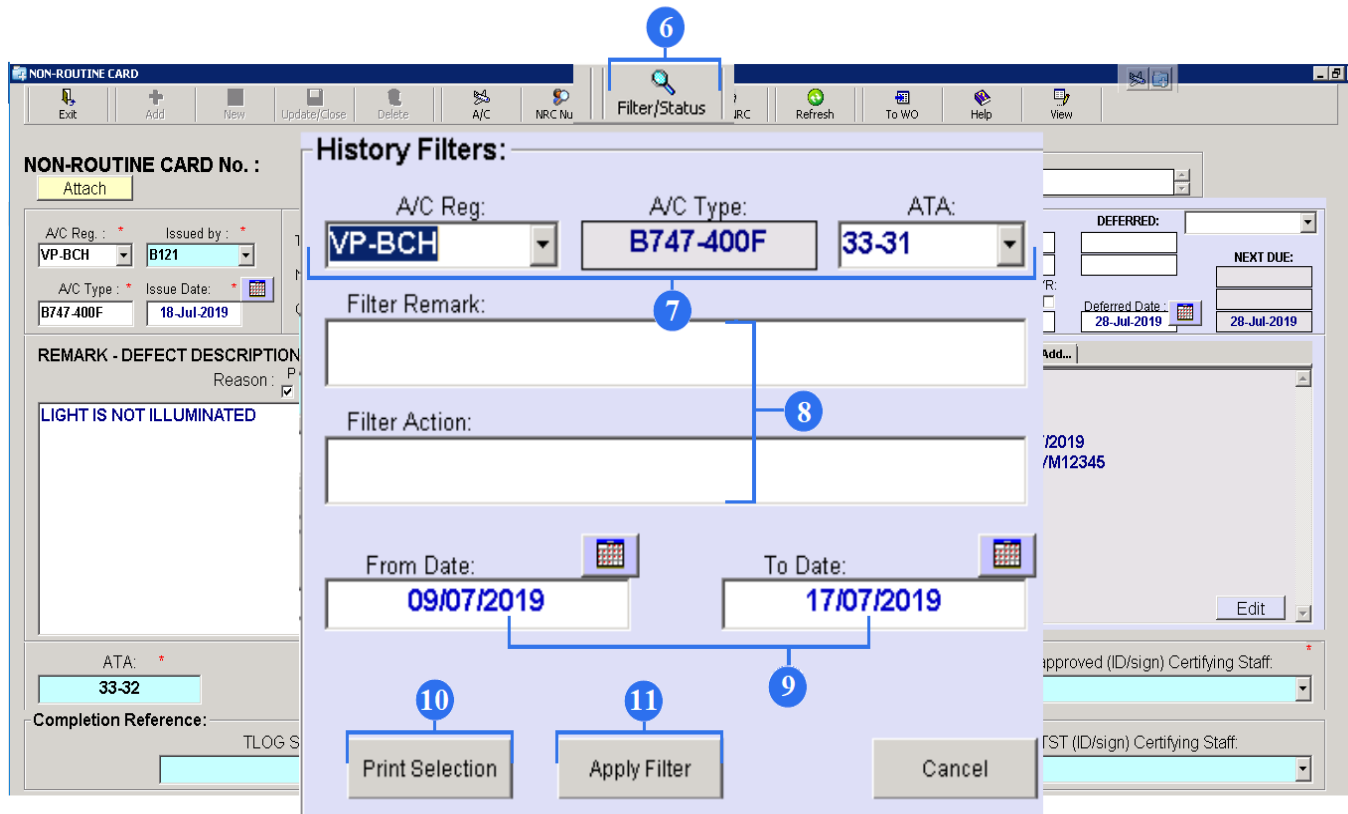


3. Push “NRC Num.” button on the upper toolbar, NRC Card Num will open.

4. Use filters to select open or close NRC.

5. Enter the NRC number according to which the defect was opened or was closed. Click two times on the NRC number.

NRC screen with related number will open.



6. If you want to find any necessary information by using history filters click on the “Filter/Status” button.

7. Select A/C registration and ATA number.

8. Use Remark and Action filters to find NRC to find by words.

9. Select time interval.

10 Push “Print Selection” button if you want to print data.

11. Push “Apply Filter” button to open NRC data.

12. If you want to print current push “Print NRC” button.

13. If you want to refresh NRC screen during NRC creating push “Refresh” button.

14. After completion of the NRC creation with MEL you can push “WO” on the toolbar to make work order for defect rectification. It is comfortable if you use LSM (Line Station Maintenance) module. After click of “WO” button work order will display in the LSM module where you can print it and issue to work.

15

NON-ROUTINE CARD
View

NON-ROUTINE CARD No. : 1811062

AOG Type: Technical Delay Delay Note:
 ETOPS PR Mtx Schd

A/C Reg. : * VP-BCH	Issued by : * B15	TLOG Seq. No.: 001803 2	Orders: <input checked="" type="checkbox"/> DO	MEL <input type="checkbox"/> Ref.: MEL Cat. 33-31-01 D	INTERVAL: DEFERRED: NEXT DUE:
A/C Type : * B747-400F	Issue Date : * 16-Nov-2018	NRC Seq. No.:	<input type="checkbox"/> DT	AMM Ref.:	FH: FC: DY: MO: YR:
Other: SWT NRC#63966		<input type="checkbox"/> STR	SRM Ref.:	Deferred Date: * 16-Mar-2019	16-Mar-2019

REMARK - DEFECT DESCRIPTION: * Reason: <input type="checkbox"/> P <input type="checkbox"/> E <input type="checkbox"/> T <input checked="" type="checkbox"/> M <input type="checkbox"/> R MAIN DECK SIDEWALL LIGHT INOP.AT STA.1500,1600,1700,1900 (R/H SIDE) AND STA 1200,1300 (L/H SIDE)	RECOMMENDATION - JIC: * ACTION: * 1 2 Add... A/C DISPATCH IAW MEL 33-31-01 CAT "D" Issued By: B15; Date: 16/11/2018 Closed: 16/11/2018; TLOG: 001803-2 Mechanic: B15 Inspector: B15 Man-Hours: 1:
--	---

ATA: * 33-31	Est. Mhr's: * 1	Est. Down Hr's: * 1	TST approved (ID/sign) Certifying Staff: * B15
-----------------	--------------------	------------------------	---

Completion Reference:			
TLOG Seq.: 001878	Close Date: 25/12/2018	Mech. (ID/sign): B124	TST (ID/sign) Certifying Staff: B124

15. To monitor absolutely all creating NRC you can click on the “View” on the upper toolbar and NRC list will open.

NON-ROUTINE CARD

Exit Add New Update/Close Delete A/C NRC Num. Filter/Status Print NRC Refresh To WO Help View

NRC List:

Filter - AC Reg: [] NRC Number: [] ATA/MEL Ref.: [] Remark - Defect Description: []

:Technical Delay :ETOPS
 :Open :MEL
 :Closed :PR :MT :SCH

Excel

ID:	NRCNUMBER:	AC_TYPE:	AC_REG:	ISSUED_BY:	ISSUED_DATE:	MEL Ref:	MEL_Cat:	TLOG_Num_Ref:	TLOG_Seq_Ref:	NRC_Ref:	Other_Ref:
1726	1907023	B747-400F	VP-BCH	B122	16/07/2019			1234567			
1724	1907021	B747-400F	VP-BCI	B123	16/07/2019			001			
1723	1907020	B747-400F	VP-BCI	B123	16/07/2019			001			
1722	1907019	B747-400F	VP-BCH	B123	16/07/2019			ser	1		

Filter - AC Reg: []

:Technical Delay :ETOPS
 :Open :MEL
 :Closed :PR :MT :SCH

NRC Number: [] ATA/MEL Ref.: [] Remark - Defect Description: []

ID:	NRCNUMBER:	AC_TYPE:	AC_REG:	ISSUED_BY:
1726	1907023	B747-400F	VP-BCH	B122
1724	1907021	B747-400F	VP-BCI	B123

Editor:

Type: PR Mtx Schd :Unconfirmed Failure

Technical Delay: Delay Note: []

to Editor Save Cancel

16. Select aircraft registration.

17. You can find the definite NRC using NRC number or ATA/MEL number, also you can use the text from the REMARK field.

18. Use these filters to accurately find NRC.

19. To transfer save NRC to excel, push "Excel" button.

20. To make changes to any saved NRC, move the cursor over the selected line and click on two times. Editor window will appear.

21. You can use different ticks or "Delay Note" field to make a change and push "Save" button, but to change other NRC fields click on the "to Editor" to transfer to NRC screen. Make a change and push the "Update" button on the upper screen to save changes.

"Cancel" button is needed to close Editor window.

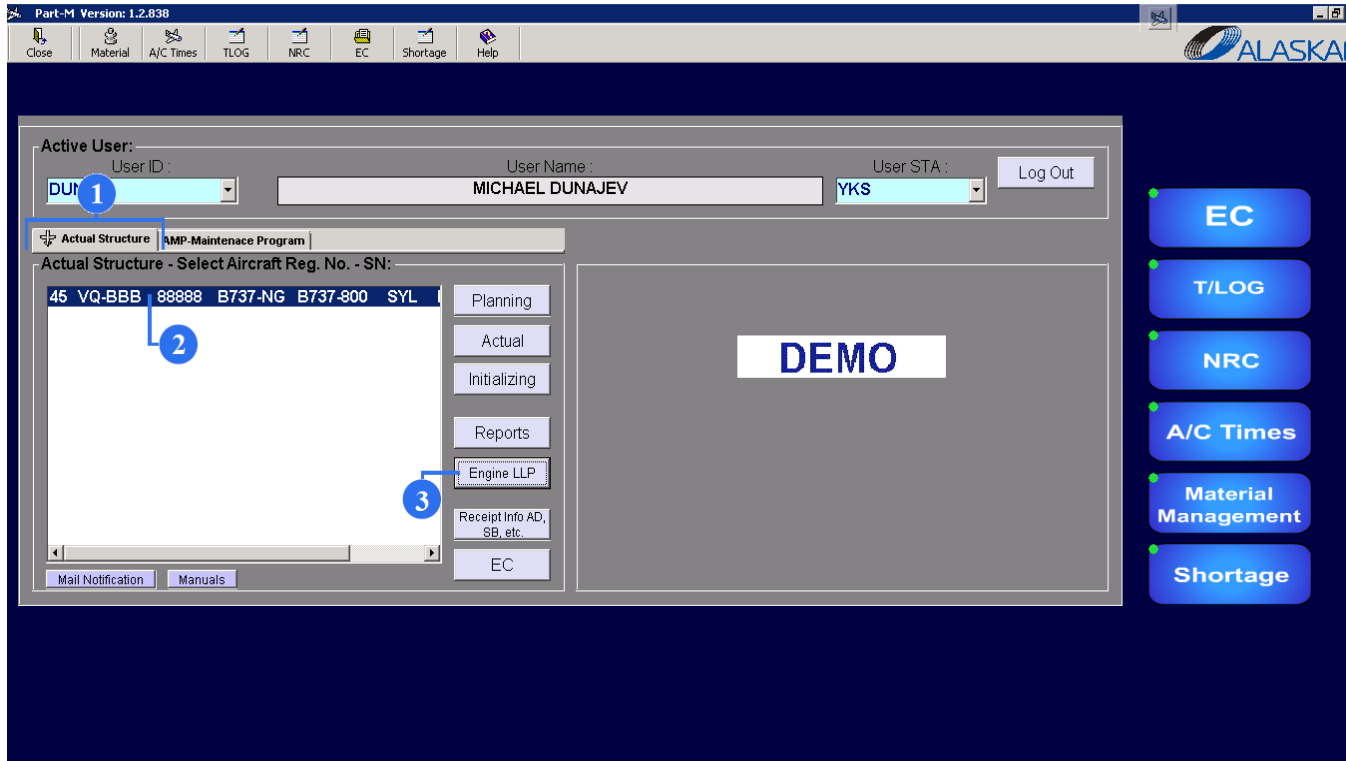
Engine LLP

User guidance

Contents

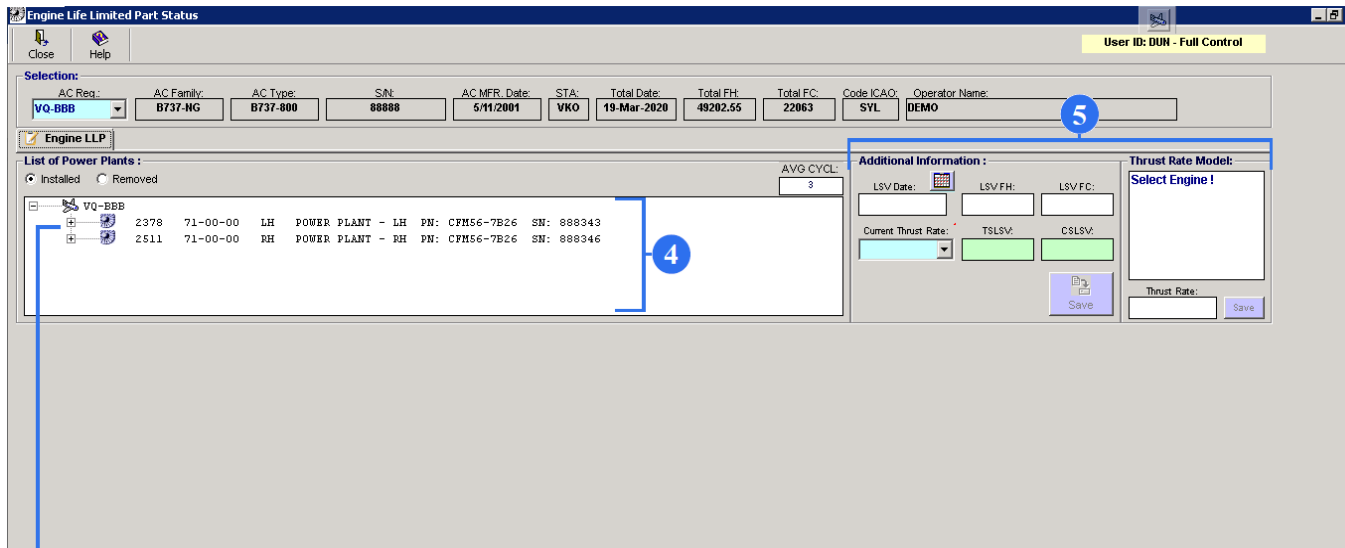
1. LLP Overview	325
2. Create Thrust Model and fill LLP List	328

1. LLP Overview



To open Engine LLP sub-module in the initial screen of the PART M module do these steps

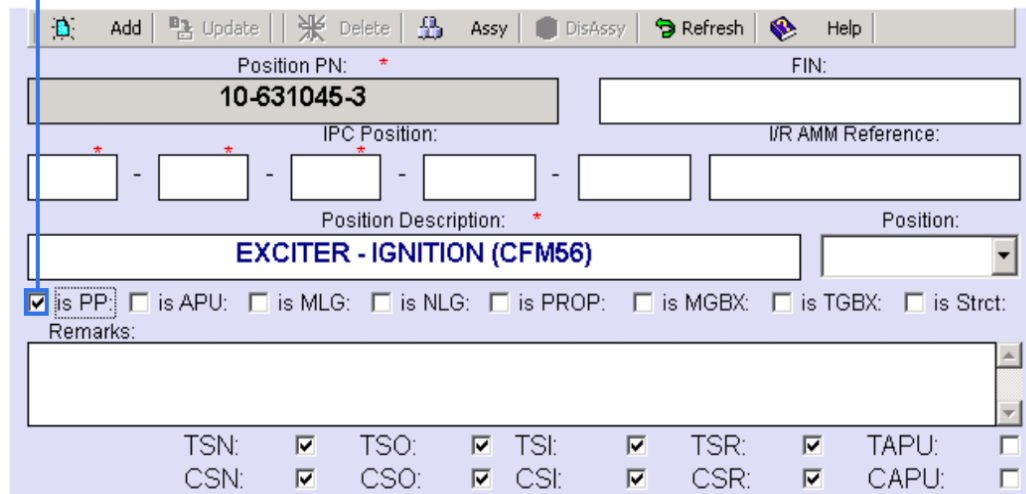
1. Click on Actual Structure tab.
2. Select Aircraft Registration.
3. Push Engine LLP button.



4. After Starting LLP Screen will show Initialized Power Plants for selected Aircraft.

NOTE: IPC Position in AMP must have check box “is PP” – checked! This is a trigger for system to Power Plant’s IPC Position definition.

5. The “Additional Information” Editor (3) and “Thrust Rate Models” (4) Editor will show as well.



Engine Life Limited Part Status

User ID: DUN - Full Control

Selection: AC Req: VQ-BBB AC Family: B737-NG AC Type: B737-800 SN: 88888 AC MFR. Date: 5/11/2001 STA: VKO Total Date: 19-Mar-2020 Total FH: 49202.55 Total FC: 22063 Code ICAO: SVL Operator Name: DEMO

Engine LLP

List of Power Plants:

- 2378 71-00-00 LH POWER PLANT - LH PN: CFH56-7B26 SN: 888343
Install Date: 2016-12-01 AC FH: 38675.36 AC FC: 19563
TSI: 10527.19 FH; TSN: 47980.19 FH; TSO: 28078.19 FH; TSR: 10527.19 FH;
CSI: 2500 FC; CSN: 21371 FC; CSO: 8878 FC; CSR: 2500 FC;
- 2511 71-00-00 POWER PLANT - RH PN: CFH56-7B26 SN: 888346

Additional Information:

LSV Date: 28-Nov-2016 LSV FH: 37453 LSV FC: 18871
Current Thrust Rate: -7B26 TSLSV: 10527.19 CSLSV: 2500

Thrust Rate Model:
-7B22
-7B24
-7B26/3
-7B26
-7B27

Positions:

Sub-Asy: VQ-BBB

Power-Plant PN: CFH56-7B26 SN: 888343

LLP Status List:

ID	Module_No	Description	PN	Serial_Number	-7B22 Limit	-7B24 Limit	-7B26 Limit
320	221	SHAFT ASSY - FAN	335-006-414-0	DB688409	30000	30000	30000
321	213	DISK - FAN ASSY (LLP-ENG)	340-000-420-0	DE164954	30000	30000	30000
322	312	SHAFT - FRONT HPC ROTOR	1386M56P03	GMNQLFP6	20000	20000	20000
323	313	SPOOL - HPC ROTOR STG 1 & 2	1558M31G04	GMNQLAP4	20000	20000	20000
324	314	DISK - HPC STAGE 3	1590M56P01	XAEL8790	20000	20000	20000
325	315	SPOOL - HPC ROTOR STAGE 4-9	1588M89G03	GMNQL7PT	20000	20000	20000
326	316	SEAL - CDP ROTATING REAR AIR	1523M35P01	GFF5E1N0	20000	16800	16800
327	521	SHAFT - HPT ROTOR FRONT	1873M73P01	XAEH2545	20000	17600	17600
328	522	SEAL - ROTATING AIR HPT FRONT	1795M36P02	TMT6Y045	20000	17600	17600
329	525	DISK - HPT ROTOR	1498M43P06	GMN0GH9P	20000	20000	20000
330	526	SHAFT - HPT REAR	1864M90P04	TMT7F516	20000	20000	20000
331	542	DISK - LPT STG 1	336-001-804-0	DB688689	25000	25000	25000
332	543	DISK - LPT STG 2	336-001-909-0	BB552007	25000	25000	25000
333	544	DISK - LPT STG 3	336-002-006-0	BB549032	25000	25000	25000
334	545	DISK - LPT STG 4	336-002-105-0	DB688574	25000	25000	25000
335	546	SUPPORT - LPT ROTOR CONICAL	338-077-502-0	BB522587	25000	25000	25000
336	561	FRAME - LPT REAR	340-166-206-0	LA083600	25000	25000	25000
337	541	CASE - LPT	338-117-404-0	DB675067	NA	NA	NA
338	211	SPOOL - BOOSTER (LLP-ENG)	340-000-815-0	DB083478	23600	23600	23600
339	551	SHAFT - LPT	340-074-722-0	LA084983	25000	25000	25000

6. Select Power Plant to click on it.

NOTE: If Thrust Model for Selected PN was not found (first run for instance) message will appear on screen.

7. After Power Plant selection Actual Components (lower parts) and LLP Status List will appear on screen.

2. Create Thrust Model and fill LLP List

1. At First Run user has to create Thrust Rate Model for selected Power Plant PN using editor and then save additional information using editor.

CAUTION: “Current Thrust Rate” is mandatory field – user has to select one of it from Thrust Rate Model.

2. To Fill LLP List with PN and SN user has to select required Component from actual Power Plant structure.

3. Push transfer button with one tick. To transfer all components to Status List push transfer button with double tick.

Engine Life Limited Part Status

User ID: DUN - Full Control

Selection: AC Req: VO-BBB, AC Family: B737-HG, AC Type: B737-800, S/N: 88888, AC MFR. Date: 5/11/2001, STA: VKO, Total Date: 19-Mar-2020, Total FH: 49202.55, Total FC: 22063, Code ICAO: SVL, Operator Name: DEMO

Engine LLP

List of Power Plants:

- 2378 71-00-00 LH POWER PLANT - LH PN: CFH56-7B26 SN: 888343
Install Date: 2016-12-01 AC FH: 38675.36 AC FC: 19563
TSI: 10627.19 FH; TSN: 47980.19 FH; TSO: 28078.19 FH; TSR: 10627.19 FH;
CSI: 2500 FC; CSN: 21371 FC; CSO: 8878 FC; CSR: 2500 FC;
- 2511 71-00-00 RH POWER PLANT - RH PN: CFH56-7B26 SN: 888346

Additional Information:

LSV Date: 28-Nov-2016, LSV FH: 37453, LSV FC: 10871
Current Thrust Rate: -7B26, TSLSV: 10627.19, CSLSV: 2500

Thrust Rate Model:

-7B22
-7B24
-7B26/3
-7B26
-7B27

Thrust Rate: -7B26

LLP Status List:

SN Filter:

ID	74 Limit:	-7B26 Limit:	-7B26/3 Limit:	-7B27 Limit:	-7B22 Total:	-7B24 Total:	-7B26 Total:	-7B26/3 Total:	-7B27 Total:	Part Total:	-7B22 Remains:	-7B24 Remains:	-7B26 Remai
320	30000	30000		30000	0	20988			0	20988	9012	9012	
321	30000	30000		30000	0	8875			0	8875	21125	21125	
322	20000	20000		20000	0	8875			0	8875	11125	11125	
323	20000	20000		20000	0	8875			0	8875	11125	11125	
324	20000	20000		20000	0	8875			0	8875	11125	11125	
325	20000	20000		20000	0	8875			0	8875	11125	11125	
326	20000	18600		18600	0	8875			0	8875	10457	9725	
327	20000	17600		17600	0	8875			0	8875	9915	8725	
328	20000	17600		17600	0	8875			0	8875	9915	8725	
329	20000	20000		20000	0	8875			0	8875	11125	11125	
330	20000	20000		20000	0	8875			0	8875	11125	11125	
331	25000	25000		25000	0	21373			0	21373	3627	3627	
332	25000	25000		25000	0	21373			0	21373	3627	3627	
333	25000	25000		25000	0	21373			0	21373	3627	3627	
334	25000	25000		25000	0	21373			0	21373	3627	3627	
335	25000	25000		25000	0	21373			0	21373	3627	3627	
336	25000	25000		25000	0	21373			0	21373	3627	3627	
337	NA	NA		NA	0	21373			0	21373	NA	NA	
338	23600	23600		23600	0	21373			0	21373	2227	2227	
339	25000	25000		25000	0	21373			0	21373	3627	3627	
1076					0	0			0	20988	NA	NA	NA

4. Use button with arrow to extend or retract LLP Status List.

5. The LLP List will reflect next component information on screen:

- Part Total (orange column) – Total FC from Maintenance Plan (variable value).
- Total FC on the Current Thrust Rate (yellow column) – this is a calculated field. For Instance: [Total 7B26] = [Part Total]– [Total 7B24/22] – [Total 7B27/B1]
- Remains FC – calculated field base on formula from Power Plant Shop Manual.

Engine Life Limited Part Status

User ID: DUN - Full Control

Selection: AC Req: VQ-BBB, AC Family: B737-NG, AC Type: B737-800, S.N.: 88888, AC MFR. Date: 5/11/2001, STA: VKO, Total Date: 19-Mar-2020, Total FH: 49202.55, Total FC: 22063, Code ICAO: SYL, Operator Name: DEMO

Engine LLP

List of Power Plants: Installed (selected), Removed

AVG CYCL: 3

Additional Information: LSV Date: 28-Nov-2016, LSV FH: 37453, LSV FC: 18871, Current Thrust Rate: -7B26, TSLSV: 10527.49, CSLSV: 2500

Thrust Rate Model: -7B22, -7B24, -7B26/G, -7B26, -7B27

LLP Status List:

ID	Module_No	Description	PN	Serial_Number	-7B22 Limit	-7B24 Limit	-B26 Limit	-7B26/G Limit	-7B27 Limit	-7B22 Total	-7B24 Total	-7B26
336	551	FRAME - LPT REAR	340-166-206-0	LA083600		25000	25000		25000	0	0	21373
339	551	SHAFT - LPT	340-074-722-0	LA084983	25000	25000	25000	25000	25000	0	0	21373
335	546	SUPPORT - LPT ROTOR CONICAL	338-077-502-0	BB522587	25000	25000	25000	25000	25000	0	0	21373
334	545	DISK - LPT STG 4	336-002-105-0	DB688574	25000	25000	25000	25000	25000	0	0	21373
333	544	DISK - LPT STG 3	336-002-006-0	BB549032	25000	25000	25000	25000	25000	0	0	21373
332	543	DISK - LPT STG 2	336-001-909-0	BB552007	25000	25000	25000	25000	25000	0	0	21373
331	542	DISK - LPT STG 1	336-001-804-0	DB688689	25000	25000	25000	25000	25000	0	0	21373
337	541	CASE - LPT	338-117-404-0	DB675067	NA	NA	NA	NA	NA	0	0	21373
330	526	SHAFT - HPT REAR	1864M90P04	TMT77516	20000	20000	20000	20000	20000	0	0	8875
329	525	DISK - HPT ROTOR	1498M43P06	GMNDGH9P	20000	20000	20000	20000	20000	0	0	8875
328	522	SEAL - ROTATING AIR HPT FRONT	1795M36P02	TMT6Y045	20000	17600	17600	17600	17600	0	0	8875
327	521	SHAFT - HPT ROTOR FRONT	1873M73P01	XAEH2545	20000	17600	17600	17600	17600	0	0	8875
326	316	SEAL - CDP ROTATING REAR AIR	1523M35P01	GFF5E1N0	20000	18600	18600	18600	18600	0	0	8875
325	315	SPOOL - HPC ROTOR STAGE 4-9	1588M89G03	GMNOL7PT	20000	20000	20000	20000	20000	0	0	8875
324	314	DISK - HPC STAGE 3	1590M59P01	XAEL8790	20000	20000	20000	20000	20000	0	0	8875
323	313	SPOOL - HPC ROTOR STG 1 & 2	1558M31G04	GMNOLAP4	20000	20000	20000	20000	20000	0	0	8875
322	312	SHAFT - FRONT HPC ROTOR	1386M56P03	GMNOLFP6	20000	20000	20000	20000	20000	0	0	8875
320	221	SHAFT ASSY - FAN	335-006-414-0	DB688409	30000	30000	30000	30000	30000	0	0	20988
321	213	DISK - FAN ASSY (LLP-ENG)	340-000-420-0	DE164954	30000	30000	30000	30000	30000	0	0	8875
338	211	SPOOL - BOOSTER (LLP-ENG)	340-000-815-0	DB063478	23600	23600	23600	23600	23600	0	0	21373
1176	41	DETECTOR FIRE - ENGINE LH CORP	802662	DUMMY 50701 VQ-FI7						0	0	20988

6. At First Run user has to fill required field such us: [Model No]

7. And LLP Limits for each PN's Thrust Rate base on information from Power Plant Shop Manual. To do that, click on required cell then yellow field will appear, type data on that field and then press "Enter" key on keyboard. "Enter" key is trigger for system - data must be saved.

Engine Life Limited Part Status User ID: DUN - Full Control

Close Help

Selection:
 AC Req: **VQ-BBB** AC Family: **B737-NG** AC Type: **B737-800** SN: **88888** AC MFR. Date: **5/1/2001** STA: **VKO** Total Date: **19-Mar-2020** Total FH: **49202.55** Total FC: **22063** Code ICAO: **SVL** Operator Name: **DEMO**

Engine LLP

List of Power Plants: AVG CYCL: **3**

Installed Removed

VQ-BBB
 2378 71-00-00 LH POWER PLANT - LH PN: CFM56-7B26 SN: 888343
 Install Date: 2016-12-01 AC FH: 38675.36 AC FC: 19563
 TSI: 10527.19 FH; TSM: 47980.19 FH; TSO: 28078.19 FH; TSR: 10527.19 FH;
 CSI: 2500 FC; CSN: 21371 FC; CSO: 8878 FC; CSR: 2500 FC;
 2511 71-00-00 RH POWER PLANT - RH PN: CFM56-7B26 SN: 888346

Additional Information:
 LSV Date: **28-Nov-2016** LSV FH: **37453** LSV FC: **18871**
 Current Thrust Rate: **-7B26** TSLSV: **10527.49** CSLSV: **2500**

Thrust Rate Model:
 -7B22
 -7B24
 -7B26/3
-7B26
 -7B27

Save Thrust Rate: **-7B26** Save

LLP Status List: Excel

SN Filter:

ID:	-7B26 Total:	-7B26/3 Total:	-7B27 Total:	Part Total:	-7B22 Remains:	-7B24 Remains:	-7B26 Remains:	-7B26/3 Remains:	-7B27 Remains:	Remarks:	Calc_Due_Date:	-/- d:
336	21373		0	21373		3627	3627		3627		8/8/2023	1209 DY,
339	21373		0	21373		3627	3627		3627		8/8/2023	1209 DY,
335	21373		0	21373		3627	3627		3627		8/8/2023	1209 DY,
334	21373		0	21373		3627	3627		3627		8/8/2023	1209 DY,
333	21373		0	21373		3627	3627		3627		8/8/2023	1209 DY,
332	21373		0	21373		3627	3627		3627		8/8/2023	1209 DY,
331	21373		0	21373		3627	3627		3627		8/8/2023	1209 DY,
337	21373		0	21373		NA	NA		NA			
330	8875		0	8875		11125	11125		11125		6/11/2030	3708 DY,
329	8875		0	8875		11125	11125		11125		6/11/2030	3708 DY,
328	8875		0	8875		9915	8725		8725		4/2/2028	2908 DY,
327	8875		0	8875		9915	8725		8725		4/2/2028	2908 DY,
326	8875		0	8875		10457	9725		9725		3/1/2029	3241 DY,
325	8875		0	8875		11125	11125		11125		6/11/2030	3708 DY,
324	8875		0	8875		11125	11125		11125		6/11/2030	3708 DY,
323	8875		0	8875		11125	11125		11125		6/11/2030	3708 DY,
322	8875		0	8875		11125	11125		11125		6/11/2030	3708 DY,
320	20988		0	20988		9012	9012		9012		7/7/2028	3004 DY,
321	8875		0	8875		21125	21125		21125		7/27/2039	7041 DY,
338	21373		0	21373		2227	2227		2227		4/28/2022	742 DY,
117R	20988	0	0	20988	NA	NA	NA	NA	NA			

Base on Remains Value and Aircraft's Average Value (item 8) system will calculate Due Date (item 9).

10. To Print LLP Status Report push "Excel" button. System will generate report in "Excel" format.

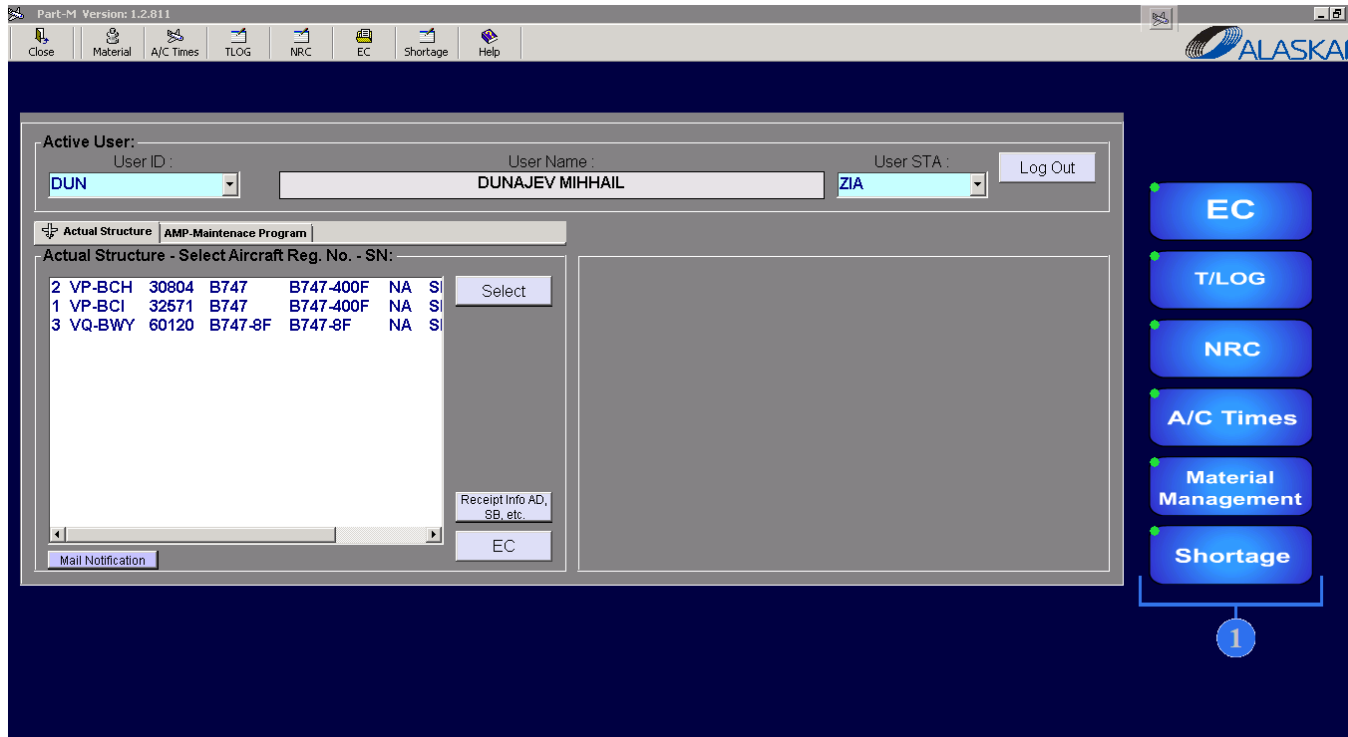
Shortage

User guidance

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1. Shortage Registration



Shortage sub-module is necessary to create part ordered request.

If there are no required materials for the task completion, a shortage must be registered. After the registration, this shortage will be displayed in the Stock Module (Shortage sub-module).

1. Click on the SHORTAGE button to enter the screen.

2

+ Add Edit

Shortage Registration

Close Print Help Permission: FULL CONTROL User Group: ENG

Line Maintenance Base Maintenance **Engineering** Work Shop Stock History-Search

Shortage List: + Add Edit 'Open' 'Close' Filter Shortage No: Filter Ref-Subject: PN Use For: Use Num.: Note: Issued By: Reset

ID:	No:	IssueDate:	IssueBy:	Status-Qty:	Reference:	Ref-Subject:	Use For:	Use Number:	Note:
897	857	2019-06-12 20:42	CSV	N-9;	B747-400F	VP-BCH OTHER	NA		THE INSTALLATION OF A NON ACTIVATED DUAL GNSS SENSOR SYSTEM PERFO
841	805	2019-05-06 11:56	CSV	O-1; S-1;	B747-400F	VP-BCI BASE_WO	N/A		ENG#3 STARTER & DUCT ASSY TO AIR STARTER DAMAGED.
826	790	2019-04-17 14:35	CSV	N-5;	B747-400F	VP-BCH OTHER	NA		CRASH AXE INSTALLATION IN MD
796	760	2019-03-05 14:53	ISK	N-1;	B747-400F	VP-BCH REPLENISHMENT	HTC		TO BE CHANGE DUE TO EXPIRITY DATE
795	759	2019-03-05 12:48	ISK	N-1;	B747-400F	VP-BCI REPLENISHMENT	HTC		TO BE CHANGE DUE TO EXPIRITY DATE
794	758	2019-03-05 12:39	ISK	N-1;	B747-400F	VP-BCI REPLENISHMENT	HTC		TO BE CHANGE DUE TO EXPIRITY DATE
779	743	2019-02-21 10:49	DAS	N-8;	B747-400F	VP-BCH REPLAC. ENGINE	13771		PARTS NEED FOR REPLACEMENT OF ENGINE RB211-524 SERIES.
758	724	2019-01-25 12:11	ISK	N-1;	B747-400F	VP-BCH REPLENISHMENT	HTC		TO BE CHANGE DUE TO EXPIRITY DATE
756	723	2019-01-25 12:03	ISK	N-1;	B747-400F	VP-BCI REPLENISHMENT	HTC		TO BE CHANGE DUE TO EXPIRITY DATE

Found: 190 Selected ID / Num:

Shortage Materials Item List: + Add Edit 'All' 'New' 'Ordered' 'In Stock' Right Mouse Button - PN to Clipboard!

No Shortage is Selected!

Not Found! Selected ID:

2. Click on the ADD button and a Shortage Editor will be opened.

Shortage Editor: 6


Close Add Update Delete


Shortage No: **863** User Group: **ENG** Reg. Date: **04/03/2020 - 17:53** 3

A/C Type: * A/C Reg: *

Use for: * Use Number: *

Note / Description:

Priority Date: *  Issued By: * Ship to: * 4

MEL: Open MEL Expiration:  5

AOG User Name:

3. A Shortage number, a user group and a registration date will be generated automatically.

4. Enter an aircraft type, registration and why a shortage is registered (Use For, Use Number), write a description/note.

5. Select a priority date (when a particular component should be delivered). Select "Issued By" and "Ship to". Tick the "MEL:Open" field or "AOG" field (Aircraft On the Ground), if urgent materials are required. All shortages, marked with AOG, are in red colour in a Shortage List. Select MEL Expiration and User Name.

6. To add a new shortage, click on the Add button.

Shortage Registration

Close Print Help Permission: FULL CONTROL User Group: ENG

Line Maintenance **Basic Maintenance** Engineering Work Shop Stock History-Search

Shortage List: **8**

Filter Shortage No: Filter Ref-Subject: PN Use For: Use Num.: Note: Issued By: Reset

+ Add Edit Open Close

ID:	No:	IssueDate:	IssueBy:	Status-Qty:	Reference:	Ref-Subject:	Use For:	Use Number:	Note:
897	857	2019-06-12 - 20:42	CSV	N-9;	B747-400F	VP-BCH	OTHER	NA	THE INSTALLATION OF A NON ACTIVATED DUAL GNSS SENSOR SYSTEM PER FO
841	805	2019-05-06 - 11:55	CSV	O-1; S-1;	B747-400F	VP-BCH	BASE_WO	N/A	ENG#3 STARTER & DUCT ASSY TO AIR STARTER DAMAGED.
826	790	2019-04-17 - 14:35	CSV	N-5;	B747-400F	VP-BCH	OTHER	NA	CRASH AXE INSTALLATION IN MD
796	760	2019-03-05 - 14:53	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
795	759	2019-03-05 - 12:48	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
794	758	2019-03-05 - 12:39	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
779	743	2019-02-21 - 10:49	DAS	N-8;	B747-400F	VP-BCH	REPLAC. ENGINE	13771	PARTS NEED FOR REPLACEMENT OF ENGINE RB211-524 SERIES.
759	724	2019-01-25 - 12:11	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
750	723	2019-01-25 - 12:03	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE

Found: 190 Selected ID / Num: 897 857

Shortage Materials Item List:

+ Add Edit All New Ordered In Stock Right Mouse Button - PN to Clipboard!

ID:	No:	Item:	IssueDate:	PN:	PN_SUBST_1:	PN_SUBST_2:	Description:	Qty:	Note:	UM:	Type:	Status:	PI
2547	857	9	2019-06-12 - 20:49	PS870B-2	BMS5-95 CLASS B	PS870B1/2	SEALANT-PRESSURE AND ENVIRONMENTAL-CHROMATE TYPE	10		OZ	CON	N	Y
2546	857	8	2019-06-12 - 20:48	MS20470AD4-5			RIVET	16		EA	CON	N	Y
2545	857	7	2019-06-12 - 20:48	MS20426AD5-7			RIVET	32		EA	CON	N	Y
2544	857	6	2019-06-12 - 20:47	MS20426AD5-6			RIVET	158		EA	CON	N	Y
2543	857	5	2019-06-12 - 20:47	G57NB5			COLLAR	2		EA	CON	N	Y
2542	857	4	2019-06-12 - 20:46	BMS5-95 CLASS B	PS870B-2	PS870B1/2	SEALANT-PRESSURE AND ENVIRONMENTAL-CHROMATE TYPE	10		OZ	EXP	N	Y
2541	857	3	2019-06-12 - 20:45	BMS13-54GBT1C1FC18/1			TAPE	1		ROL	EXP	N	Y
2540	857	2	2019-06-12 - 20:44	BMS 10-79 TYPE 3			PRIMER	20		OZ	EXP	N	Y
2539	857	1	2019-06-12 - 20:42	ALODINE 1201			CHEMICAL CONVERSION COATING	10		OZ	EXP	N	Y

7. You can see the save data in the Shortage List. Highlight the line.

8. To update an existing shortage click on the "Edit" button.

Shortage Editor:

Close Add Update Delete

Shortage No: **857** User Group: **ENG** Reg. Date : **2019-06-12 - 20:42**

A/C Type: * **B747-400F** A/C Reg: * **VP-BCH**

Use for: * **OTHER** Use Number: * **NA**

Note / Description:

Priority Date: * **2019-07-01** Issued By: * **CSV** Ship to: * **HHN**

MEL: Open MEL Expiration:

AOG User Name: **SERGEY CHUDAKOV**

9. In the Shortage Editor make changes.

10. Click on the update button.

11. To delete an existing shortage, highlight it in a shortage list and click on the EDIT button. In the Shortage Editor click on the DELETE button.

12. To reset the editor, click on the CLOSE button.

2. Shortage Items Addition

The screenshot displays the 'Shortage Registration' application window. At the top, there are navigation tabs for 'Line Maintenance', 'Base Maintenance', 'Engineering', 'Work Shop', 'Stock', and 'History-Search'. The 'Engineering' tab is active. Below the tabs, there are filter fields for 'Shortage No.', 'Ref-Subject', 'PN', 'Use For', 'Use Num.', 'Note', and 'Issued By', along with a 'Reset' button. The main area is divided into two sections: 'Shortage List' and 'Shortage Materials Item List'.

Shortage List: This section contains a table with columns: ID, No, IssueDate, IssueBy, Status-Qty, Reference, Ref-Subject, Use For, Use Number, and Note. The table lists various shortage items. A blue circle with the number '1' highlights the first row (ID: 134, No: 129, IssueDate: 2017-09-25, IssueBy: ISK, Status-Qty: O-1, Reference: B747-400F, Ref-Subject: VP-BCH, Use For: REPLENISHMENT, Use Number: 32-24, Note: IND-STBY ATTITUDE).

Shortage Materials Item List: This section contains a table with columns: ID, No, Item, IssueDate, PN, PN_SUBST_1, PN_SUBST_2, Description, Qty, Note, UM, Type, Status, PN_Known, Min_Qty, Category, and OrderNum. Below the table, there are 'Add' and 'Edit' buttons. A blue circle with the number '2' highlights the 'Add' button.

1. In the Shortage List highlight necessary line.
2. In the Shortage Materials Item List click on the "Add" button.

Shortage Item Editor: 6

Close Add Update Delete Cancel

Shortage No: **129** Item ID: **2** Reg. Date: **11/03/2020 - 16:26**

Found 27712 Part Numbers:

Filter:

3

P/N: * P/N Known Unit: * Qty: *

P/N Description: *

Note / IPC Reference:

P/N Substitute _ 1: P/N Substitute _ 2:

Min. Stock Qty: Category: * MATERIAL TOOL Part Condition Req.:

Type: * CONS ROT REP EXP

NEW
 OVERHAULED
 REPAIRED
 INSPECTED
 TESTED

4

5

3. After the selection, a part number and a description will be denigrated automatically.
 4. Choose a unit and quantity.

5. Make references if needed. Enter Substitutes, if any. Check the box of the Category and Type.

6. To add a new item, click on the ADD button.

Shortage Registration

Close Print Help Permission: FULL CONTROL User Group: ENG

Line Maintenance Base Maintenance **Engineering** Work Shop Stock History-Search

Shortage List: + Add Edit 'Open' 'Close' Filter Shortage No: Filter Ref-Subject: PN Use For: Use Num.: Note: Issued By: Reset

ID:	No:	IssueDate:	IssueBy:	Status-Qty:	Reference:	Ref-Subject:	Use For:	Use Number:	Note:
134	129	2017-09-25 - 11:39	ISK	O-1;	B747-400F	VP-BCH	REPLENISHMENT	32-24	IND-STBY ATTITUDE
538	522	2018-08-21 - 11:57	DAS	N-2;	B747-400F	VP-BCI	THERMAL SWITCH	26-12	THERMAL SWITCH FOR JOB FROM C-CHECK
11	11	2016-11-14 - 15:06	CSV	O-8;	B747-400F	VP-BCI	OTHER	AD2015-19-06	KITS AND MATERIALS FOR PARA (I) OF AD 2015-19-06 (SB 747-21-2532) PERFO
10	10	2016-11-14 - 14:13	DAS	O-8;	B747-400F	VP-BCI	OTHER	2015-19-06	KITS AND MATERIALS FOR AD 2015-19-06 PARA (H) PERFORMANCE
9	9	2016-11-09 - 15:53	DAS	O-5;	B747-400F	VP-BCI	OTHER	THRUST REV.	ALL PARTS NEED ON STORE FOR PREVENT OF AOG
55	51	2017-03-21 - 14:26	DVV	O-4;	B747-400F	VP-BCH	BASE_WO	46-00-00	IPAD EFB MODIFICATION KIT - LRU
113	109	2017-08-18 - 14:18	CSV	O-4;	B747-400F	VP-BCH	BASE_WO		AD 2015-19-06 (\$ H), MJO NO.: 2015-19-06-011, CHANGE AND ROUTE THE CONT
107	103	2017-07-27 - 14:42	CSV	O-2;	B747-400F	VP-BCI	BASE_WO		AD 99-08-10 (PARA (A)(9-10)) SHUT-OFF VALVE REPL AND LEAK TEST THE FLUS
64	60	2017-03-24 - 14:23	DVV	O-2;	B747-400F	VP-BCI	BASE_WO		IPAD EFB MODIFICATION KIT

Found: 190 Selected ID / Num: 134 129

Shortage Materials Item List: + Add Edit 'All' 'New' 'Ordered' 'In Stock' Right Mouse Button - PN to Clipboard!

ID:	No:	Item:	IssueDate:	PN:	PN_SUBST_1:	PN_SUBST_2:	Description:	Qty:	Note:	UM:	Type:	Status:	PN_Known:	Min_Qty:	Category:	OrderNum:
680	129	1	2017-09-25 - 11:39	H342AAM	S231U110-1		IND-STBY ATTITUDE	1	32-24-01-05	EA	ROT	O	Y		M	OP170004 - OP17000

+ Add Edit

7

8

7. You can see the save data in the Shortage Materials Item List. Highlight the line.

8. To update an existing shortage click on the "Edit" button.

Shortage Item Editor:

Close Add Update Delete Cancel

Shortage No: **760** Item ID: **1** Reg. Date: **2019-03-05 - 14:54**

Found 27712 Part Numbers:

Filter: *

P/N: * P/N Known Unit: * Qty: *

33600036-2 To Parts Catalog **EA** **1**

P/N Description: *

BOTTLE-ENG FIRE EXTINGUISHER

Note / IPC Reference:

26-21-03-05

P/N Substitute _ 1: P/N Substitute _ 2:

Min. Stock Qty: Category: *

MATERIAL TOOL

Type: *

CONS ROT REP EXP

Part Condition Req.:

NEW
 OVERHAULED
 REPAIRED
 INSPECTED
 TESTED

9. In the Shortage Editor make changes.

10. Click on the update button.

11. To delete an existing item, highlight it in a shortage material item list and click on the EDIT button. In the Shortage Item Editor click on the DELETE button.

12. To confirm cancel current shortage, click on the Cancel.

13. To close the editor, click on the CLOSE button.

3. Shortage Status

Shortage List:

ID:	No:	IssueDate:	IssueBy:	Status-Qty:	Reference:	Ref-Subject:	Use For:	Use Number:	Note:
897	857	2019-06-12 - 20:42	CSV	N-9;	B747-400F	VP-BCH	OTHER	NA	THE INSTALLATION OF A NON ACTIVATED DUAL GNSS SENSOR SYSTEM PER FO
841	805	2019-05-06 - 11:55	CSV	O-1; S-1;	B747-400F	VP-BCI	BASE_WO	N/A	ENG#3 STARTER & DUCT ASSY TO AIR STARTER DAMAGED.
826	790	2019-04-17 - 14:35	CSV	N-5;	B747-400F	VP-BCH	OTHER	NA	CRASH AXE INSTALLATION IN MD
796	760	2019-03-05 - 14:53	ISK	D-1;	47-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
795	759	2019-03-05 - 12:48	ISK	N-1;	47-400F	VP-BCI	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
794	758	2019-03-05 - 12:39	ISK	N-1;	B747-400F	VP-BCI	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
779	743	2019-02-21 - 10:49	DAS	N-8;	B747-400F	VP-BCH	REPLAC. ENGINE	13771	PARTS NEED FOR REPLACEMENT OF ENGINE RB211-524 SERIES.
758	724	2019-01-25 - 12:11	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
760	773	2019-01-25 - 12:11	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE

Shortage Materials Item List:

ID:	No:	Item:	IssueDate:	PN:	PN_SUBST_1:	PN_SUBST_2:	Description:	Qty:	Note:	UM:	Type:	Status:	PN_Known:	Min_Qty:	Category:	OrderNum:
2392	805	2	2019-05-06 - 11:56	3301KGAMS1			GENERATOR	1		EA	ROT	S	Y		M	PO 00505P-2019 D
2391	805	1	2019-05-06 - 11:55	LJ38415			DUCT ASSY-AIR STARTER	1		EA	CON	S	Y		M	PO 00405P-2019 D

1. To view the items status of a particular shortage, view a Status-Quantity column:

- 'N' means a new item, just registered (in white color in the shortage materials item list);

- 'O' means an ordered item, but it's not in stock yet (in yellow color in the shortage materials item list);

- 'S' means an item in stock (in green color in the shortage materials item list).

2. You may also view a history of closed shortages by using a filter.

3. To view what shortages different department ordered, use a line maintenance/base maintenance/engineering/work shop/stock/history-search tab.

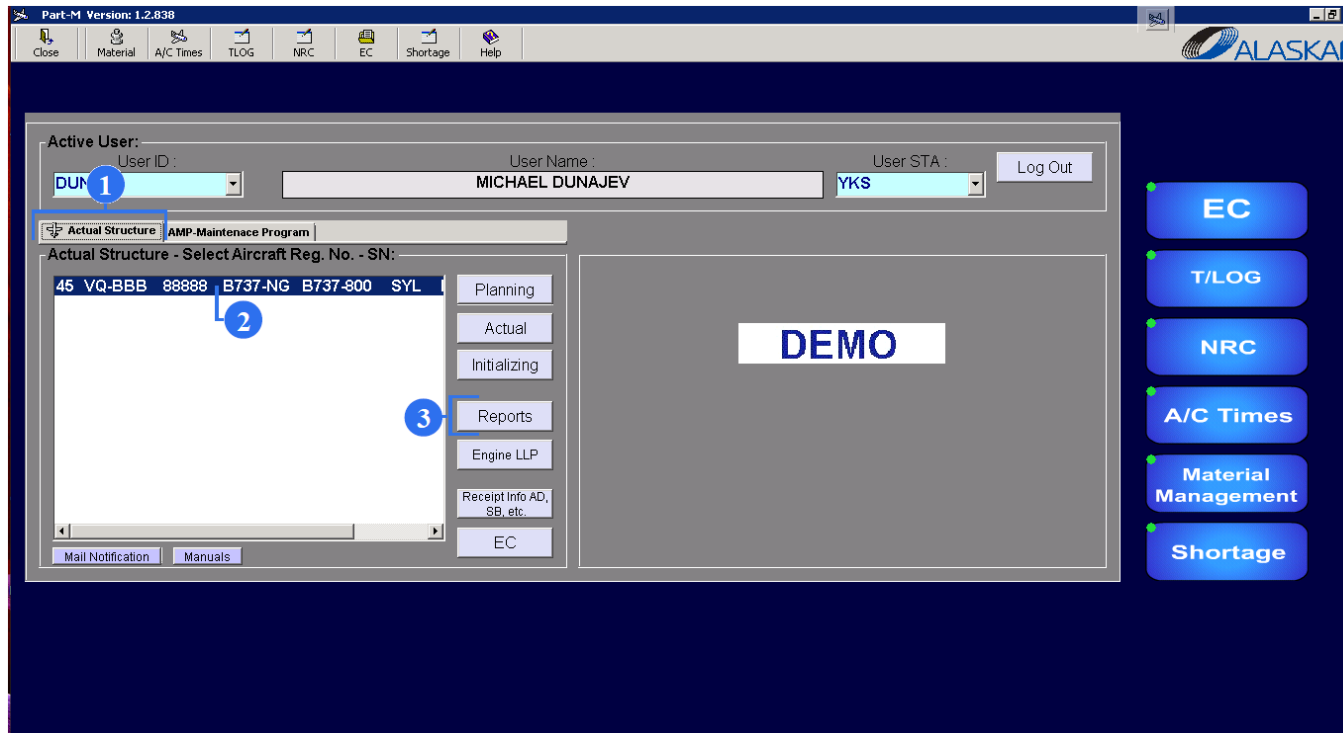
Reports

User guidance

Contents

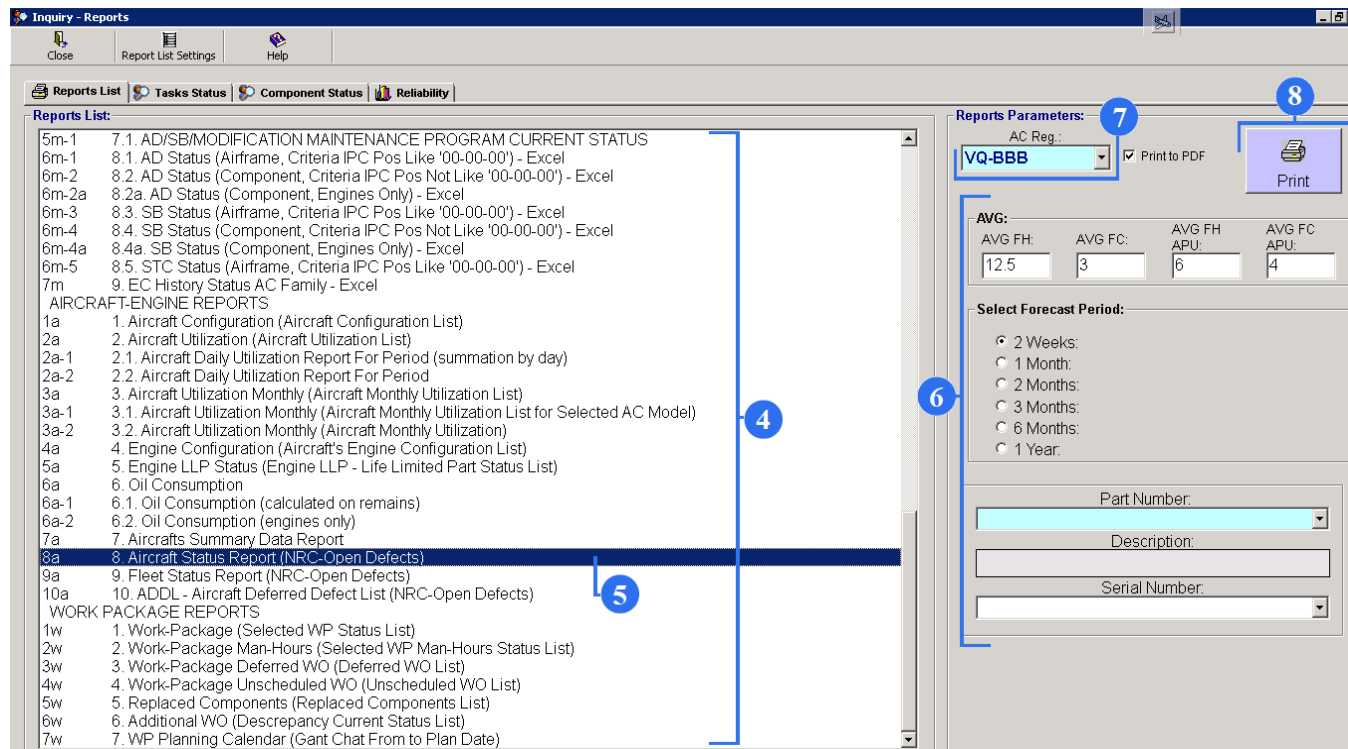
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2. Tasks Status.....	349
2. Component Status.....	355
3. Reliability	359

1. Reports



The Reports sub-module is used for printing out final reports on planning, components, task-checks, modifications, aircraft-engines and work packages. To open Reports sub-module

1. Select "Actual Structure" tab.
2. Highlight necessary aircraft registration.
3. Push "Reports" button.



Reports List:

- 5m-1 7.1. AD/SB/MODIFICATION MAINTENANCE PROGRAM CURRENT STATUS
- 6m-1 8.1. AD Status (Airframe, Criteria IPC Pos Like '00-00-00') - Excel
- 6m-2 8.2. AD Status (Component, Criteria IPC Pos Not Like '00-00-00') - Excel
- 6m-2a 8.2a. AD Status (Component, Engines Only) - Excel
- 6m-3 8.3. SB Status (Airframe, Criteria IPC Pos Like '00-00-00') - Excel
- 6m-4 8.4. SB Status (Component, Criteria IPC Pos Not Like '00-00-00') - Excel
- 6m-4a 8.4a. SB Status (Component, Engines Only) - Excel
- 6m-5 8.5. STC Status (Airframe, Criteria IPC Pos Like '00-00-00') - Excel
- 7m 9. EC History Status AC Family - Excel
- AIRCRAFT-ENGINE REPORTS**
- 1a 1. Aircraft Configuration (Aircraft Configuration List)
- 2a 2. Aircraft Utilization (Aircraft Utilization List)
- 2a-1 2.1. Aircraft Daily Utilization Report For Period (summation by day)
- 2a-2 2.2. Aircraft Daily Utilization Report For Period
- 3a 3. Aircraft Utilization Monthly (Aircraft Monthly Utilization List)
- 3a-1 3.1. Aircraft Utilization Monthly (Aircraft Monthly Utilization List for Selected AC Model)
- 3a-2 3.2. Aircraft Utilization Monthly (Aircraft Monthly Utilization)
- 4a 4. Engine Configuration (Aircraft's Engine Configuration List)
- 5a 5. Engine LLP Status (Engine LLP - Life Limited Part Status List)
- 6a 6. Oil Consumption
- 6a-1 6.1. Oil Consumption (calculated on remains)
- 6a-2 6.2. Oil Consumption (engines only)
- 7a 7. Aircrafts Summary Data Report
- 8a 8. Aircraft Status Report (NRC-Open Defects)**
- 9a 9. Fleet Status Report (NRC-Open Defects)
- 10a 10. ADDL - Aircraft Deferred Defect List (NRC-Open Defects)
- WORK PACKAGE REPORTS**
- 1w 1. Work-Package (Selected WP Status List)
- 2w 2. Work-Package Man-Hours (Selected WP Man-Hours Status List)
- 3w 3. Work-Package Deferred WO (Deferred WO List)
- 4w 4. Work-Package Unscheduled WO (Unscheduled WO List)
- 5w 5. Replaced Components (Replaced Components List)
- 6w 6. Additional WO (Discrepancy Current Status List)
- 7w 7. W/P Planning Calendar (Gant Chat From to Plan Date)

Reports Parameters:

AC Reg.: VQ-BBB Print to PDF

AVG:

AVG FH:	AVG FC:	AVG FH APU:	AVG FC APU:
12.5	3	6	4

Select Forecast Period:

2 Weeks:
 1 Month:
 2 Months:
 3 Months:
 6 Months:
 1 Year:

Part Number:

Description:

Serial Number:

4. In the “Report List” screen you can see report type such as:

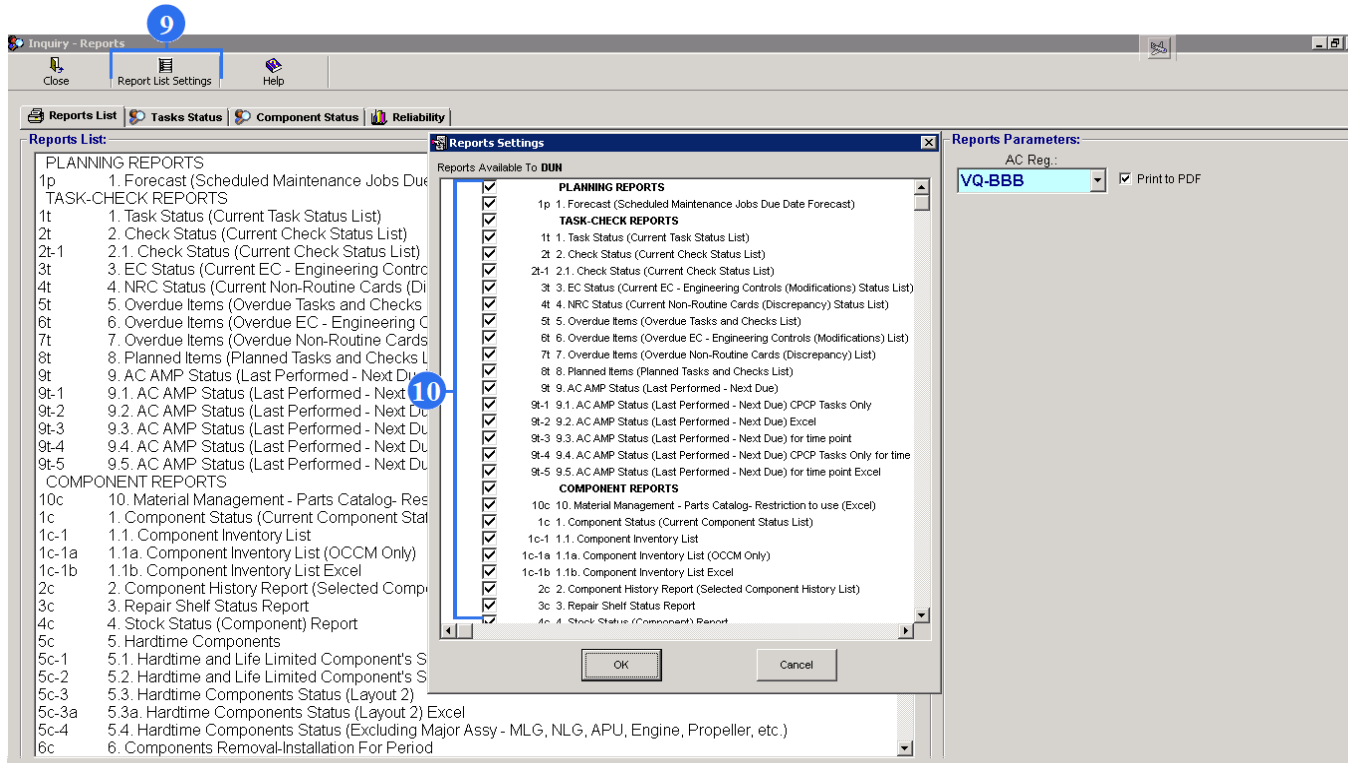
- Planning
- Task -Check
- Component
- Modification
- Aircraft – Engine
- Work Package

5. Highlight any necessary report.

6. For each type of reports there are several filters, which can be used for accurate data print out.

7. You can change aircraft registration

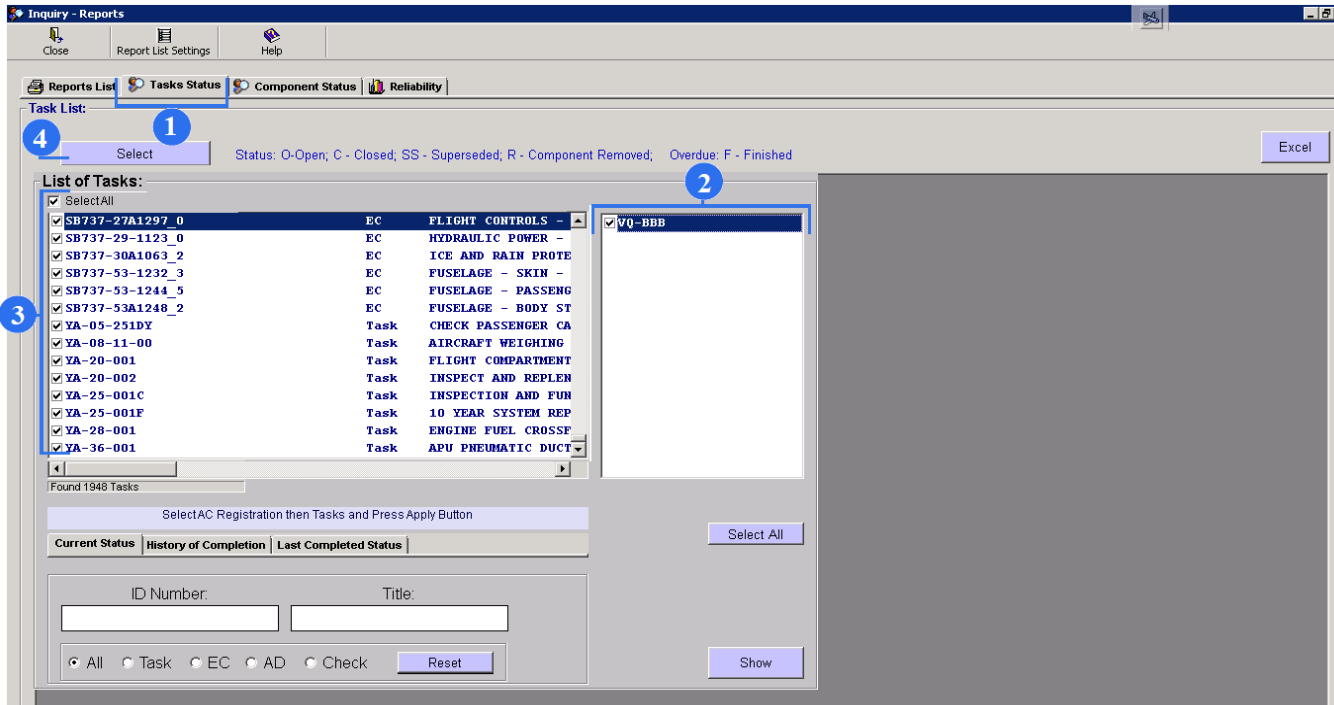
8. Having selected filter criteria, click on the “Print”.



9. On the upper toolbar push on the “Report List Settings” and Reporting Settings screen will be opened.

10. From the whole of the Reports list you can add or remove any ticks. If you remove the tick, the corresponding report will disappear in the Reports List screen. If you add the tick, the corresponding report will appear in the Reports List screen.

2. Tasks Status



1. To monitor current status of the tasks, history of completion of the tasks or see last completion status of the tasks click on the Tasks Status tab.

2. Select from the whole of the list necessary aircraft registration. List of the tasks will be appeared.

3. In the List of Task screen select any necessary task, also you can check box Select ALL to choose all tasks.

4. Push Select button.

Inquiry - Reports

Close Report List Settings Help

Reports List Tasks Status Component Status Reliability

Task List: **6**

Select Status: O - Open; C - Closed; SS - Superseded; R - Component Removed; Overdue: F - Finished Excel

ID:	AC_Reg:	ID-Number:	Status:	Overdue:	Calculated_Due_Date:	Remainings:
16711	VQ-BBB	AD2015-04-02_0_0	C	F		One Time, Completion Date: 11/11/2001
16516	VQ-BBB	AD2015-04-02_0_0	R	F		One Time, Completion Date: 07/03/2015
13452	VQ-BBB	AD2015-08-07_0_0	C	F		One Time, Completion Date: 16/05/2016
83580	VQ-BBB	AD2015-08-09_0_0	C			
83574	VQ-BBB	AD2015-10-02_0_0	C			
83554	VQ-BBB	AD2015-16-01_0_0	SS	F		
83566	VQ-BBB	AD2015-16-04_0_0	C			
17110	VQ-BBB	AD2015-18-04_0_0	C			
16713	VQ-BBB	AD2015-18-04_0_0	C			
83533	VQ-BBB	AD2015-19-03_0_0	SS	F		
83526	VQ-BBB	AD2015-21-10_0_0	C	F		Previously complied with:
13459	VQ-BBB	AD2015-21-11_0_G	C	F	2018-11-07	1 DY;
13461	VQ-BBB	AD2015-21-11_0_H	C	F	2018-11-07	391 DY;
83517	VQ-BBB	AD2015-23-09_0_0	C			
29998	VQ-BBB	AD2016-0044_0_1	C			
30002	VQ-BBB	AD2016-0167_0_1	C			
30006	VQ-BBB	AD2016-0167_0_2	C			
80060	VQ-BBB	AD2016-04-06_0_G1	O	N	2020-07-01	288 DY;
13467	VQ-BBB	AD2016-04-06_0_H	O	N	2020-07-01	288 DY;
83285	VQ-BBB	AD2016-04-20_0_0	C	F		Previously complied with:
42627	VQ-BBB	AD2016-07-16_0_0	C	F	2018-02-10	-11 DY;
80180	VQ-BBB	AD2016-11-20_0_0	SS			
13468	VQ-BBB	AD2016-13-16_0_G1	SS	F		
13469	VQ-BBB	AD2016-13-16_0_G2	SS	F		
66426	VQ-BBB	AD2016-18-01_0_G	SS	F	2019-03-29	11 DY;
45986	VQ-BBB	AD2016-18-01_0_H	SS	F	2019-10-14	216 DY;
57979	VQ-BBB	AD2016-18-01_0_I	SS	F	2026-10-05	2764 DY;
79836	VQ-BBB	AD2016-18-15_0_G_1	O	N	2022-05-25	2945 FC;
79836	VQ-BBB	AD2016-18-15_0_G_2	O	N	2022-05-25	2945 FC;

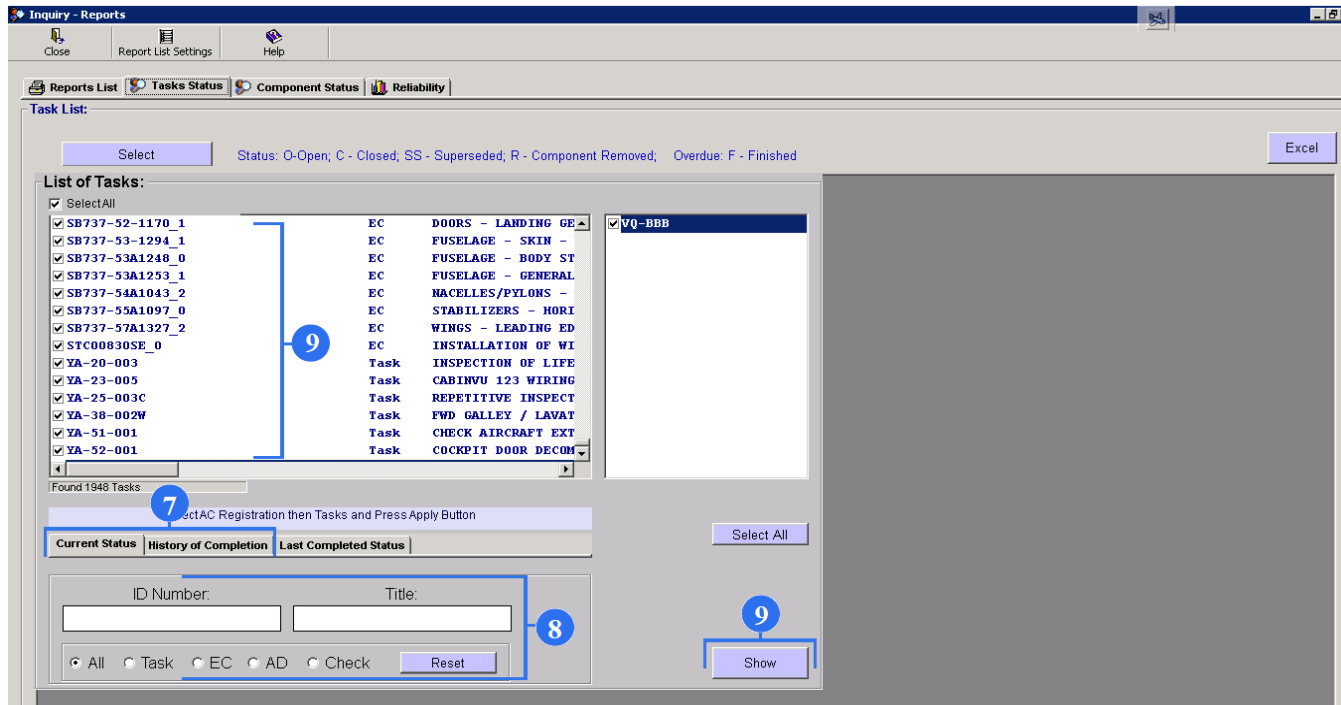
5

5. You can see all tasks with difference statuses.

Statuses are divided in to:

- O – Open (green line)
- C – Closed (grey line)
- SS – Superseded (yellow line)
- R – Component Removed (grey line)

6. Push Select button to return to List of Tasks screen.



7. To monitor current status or to see history of completion of the tasks click on the Current Status tab or History Of Completion tab.

8. Enter ID Number (number of task, AD, Check or number of system chapter) and Title (Name of job) for exact search. Check box ALL to see all type of jobs such as Tasks, Engineering Control (EC), Airworthy Directive (AD) or Check. Also, you can choose only one type of job.

9. In the List of Task screen select any necessary task, also you can check box Select ALL to choose all tasks. Select from the whole of the list necessary aircraft registration. And push "Show" button.

Inquiry - Reports

Close Report List Settings Help

Reports List Tasks Status Component Status Reliability

Task List: Select Status: O-Open; C-Closed; SS-Superseded; R-Component Removed; Overdue: F-Finished Excel

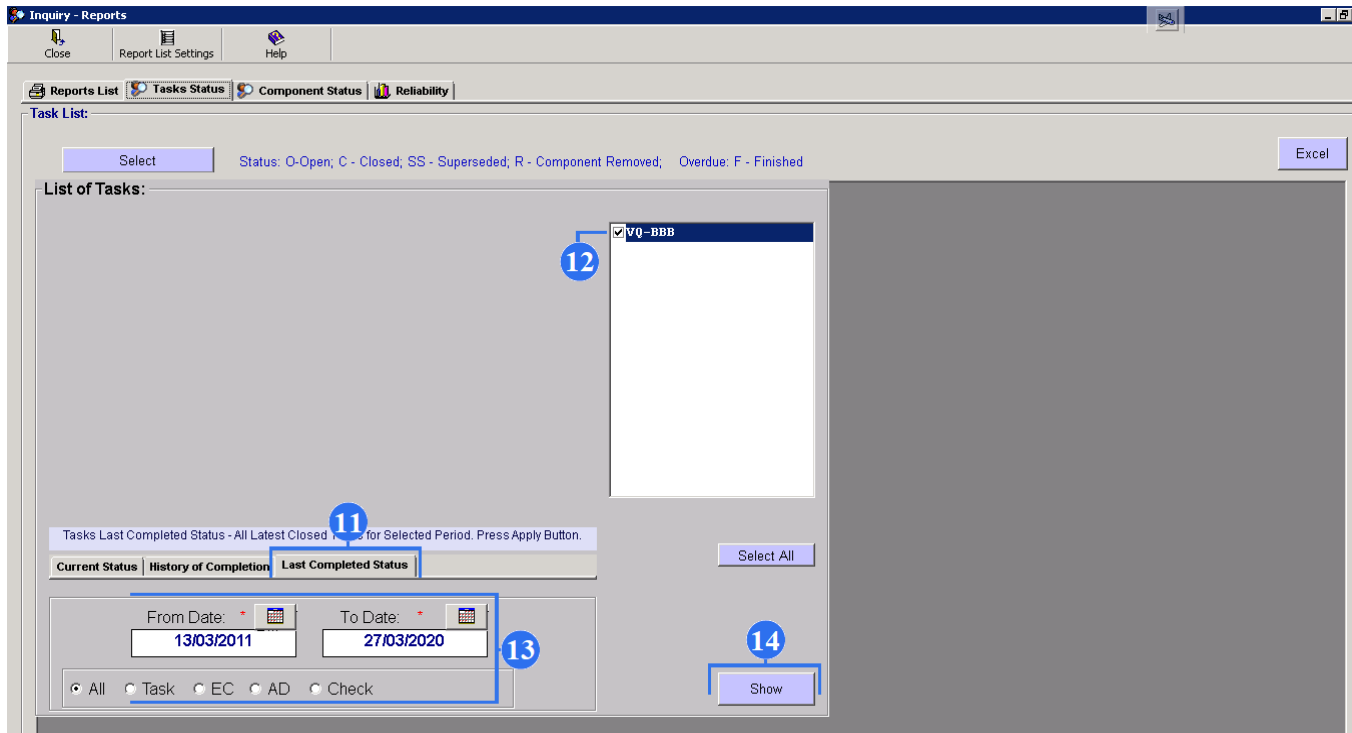
ID	AC_Reg	ID-Number	Status	Overdue	Calculated_Due_Date	Remainings	Type	Base	FH_Compl.	FH_Interv
66200	VQ-BBB	49-010-00-01	O	N	2024-02-04	1601 DY;	Task	Y	46657.05	
15853	VQ-BBB	49-010-00-01	C	N	2020-05-13	449 DY;	Task	Y	34871	
14568	VQ-BBB	49-010-00-01	C				Task	Y		
15854	VQ-BBB	49-020-00-01	O	N	2024-12-07	1908 DY;	Task	Y	38675	
14569	VQ-BBB	49-020-00-01	C				Task	Y		
88683	VQ-BBB	49-040-00-01	O	N			Task	Y		
88682	VQ-BBB	49-040-00-01	C				Task	Y		
16933	VQ-BBB	49-040-00-01	C	F	2030-10-27	52554.00 FH; 78318 FC; 11550 DY;	Task	Y	38675	
16932	VQ-BBB	49-040-00-01	C				Task	Y		
83174	VQ-BBB	49-140-00-01	O	N	2020-04-04	1204.28 FH;	Task	Y	10162.4	1600
55675	VQ-BBB	49-140-00-01	C	N	2031-02-03	25278.42 FH;	Task	Y	33920.42	1600
43098	VQ-BBB	49-140-00-01	C	N	2018-09-05	7.18 FH;	Task	Y	32367.36	1600
16937	VQ-BBB	49-140-00-01	C	Y	2017-12-05	-39.76 FH;	Task	Y	30728	1600
16935	VQ-BBB	49-140-00-01	C				Task	Y		1600
17147	VQ-BBB	49-172-00-01	O	N	2028-03-13	18604.28 FH;	Task	Y	10162.4	19000
17146	VQ-BBB	49-172-00-01	C				Task	Y		19000
86868	VQ-BBB	49-212-00-01	O	N	2024-04-01	9953.48 FH;	Task	Y	10512	10000
17149	VQ-BBB	49-212-00-01	C	N	2019-09-26	88.00 FH;	Task	Y		10000
17148	VQ-BBB	49-212-00-01	C				Task	Y		10000
15855	VQ-BBB	49-220-00-01	O	N	2022-01-23	10745.15 FH;	Task	Y	34913	25000
14570	VQ-BBB	49-220-00-01	C				Task	Y		25000
16066	VQ-BBB	49-240-00-01	O	N	2020-11-30	5507.15 FH;	Task	Y	38675	16000
14781	VQ-BBB	49-240-00-01	C				Task	Y		16000
86867	VQ-BBB	YA-49-004	O	N	2019-12-27	101 DY;	Task	N	48952.45	
83986	VQ-BBB	YA-49-004	C	Y	2019-09-01	-11 DY;	Task	N		
83985	VQ-BBB	YA-49-004	C				Task	N		

10. You can see all tasks according with ID number and Title with difference statuses.

Statuses are divided in to:

- O – Open (green line)
- C – Closed (grey line)
- SS – Superseded (yellow line)
- R – Component Removed (grey line)

Push Select button to return to List of Tasks screen.



11. To see last completed status of tasks click on the Last Completed Status tab.

12. Select from the whole of the list necessary aircraft registration.

13. Choose date range from what to what day. Check box ALL to see all type of jobs such as Tasks, Engineering Control (EC), Airworthy Directive (AD) or Check. Also, you can choose only one type of job.

14. Click on the Show.

Inquiry - Reports

Close Report List Settings Help

Reports List **Tasks Status** Component Status Reliability

Task List: **16**

Select Status: O-Open; C - Closed; SS - Superseded; R - Component Removed; Overdue: F - Finished Excel

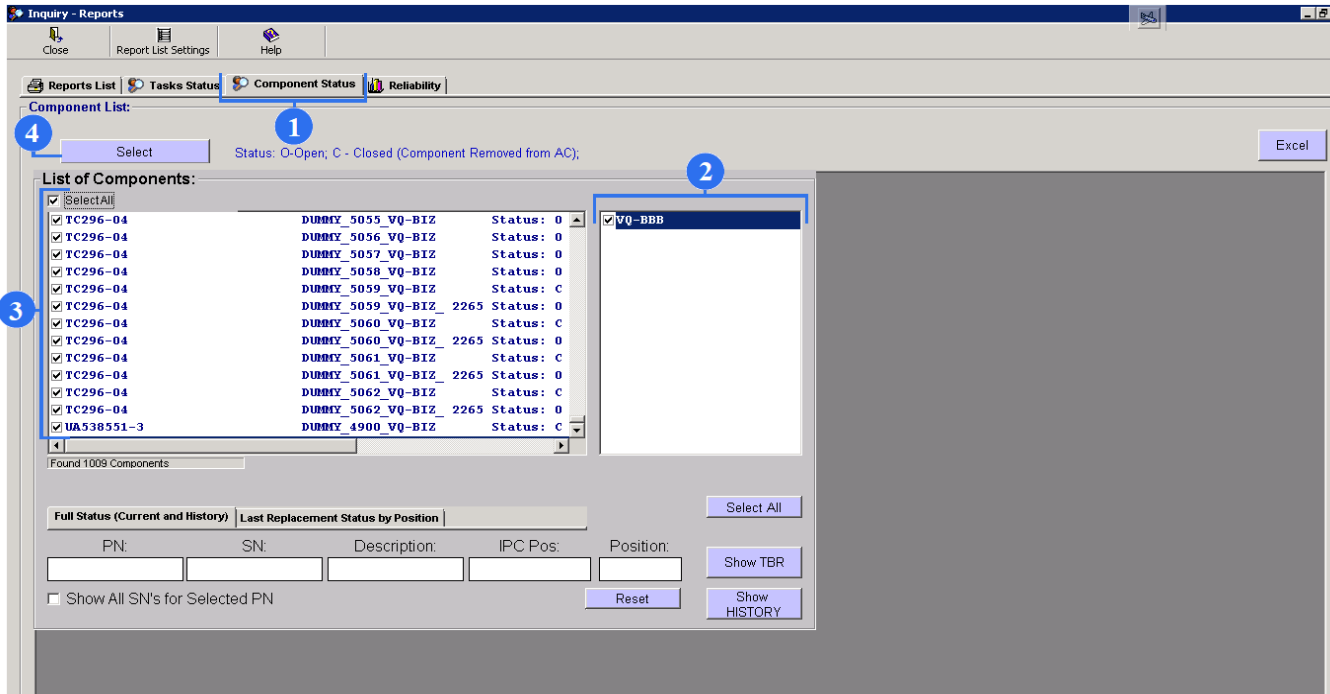
ID:	AC_Reg:	Task:	Status:	Type:	Base:	Compl_Date:	Compl_FH:	Compl_FC:	FH_Interval:	FH_Next_Due:	FH_Start:	FH
86735	VQ-BBB	150 FH	C	Check		9/16/2019	49150.05	22051	150	49221		
86736	VQ-BBB	73-020-01-01	C	Task	N	9/16/2019	49150.05	22051	150	49221	150	
86737	VQ-BBB	73-020-02-01	C	Task	N	9/16/2019	49150.05	22051	150	49221	150	
85083	VQ-BBB	23-040-00-01	C	Task	N	9/14/2019	49122.12	22044	300	49187.35	300	
83140	VQ-BBB	29-030-01-01	C	Task	Y	9/14/2019	49122.12	22044	600	48961.25	600	
83141	VQ-BBB	29-030-02-01	C	Task	Y	9/14/2019	49122.12	22044	600	48961.25	600	
83142	VQ-BBB	29-090-00-01	C	Task	N	9/14/2019	49122.12	22044	600	48961.25	600	
83138	VQ-BBB	33-010-00-01	C	Task	N	9/14/2019	49122.12	22044	600	48961.25	600	
17149	VQ-BBB	49-212-00-01	C	Task	Y	9/12/2019	10512	42441	10000	10600	10000	
85424	VQ-BBB	2 WEEKS	C	Check		9/11/2019	49071	22032				
85425	VQ-BBB	24-100-00-01	C	Task	N	9/11/2019	49071	22032				
85426	VQ-BBB	YA-20-001	C	Task	N	9/11/2019	49071	22032				
85427	VQ-BBB	YA-20-002	C	Task	N	9/11/2019	49071	22032				
86586	VQ-BBB	AD2019-15-10_0	C	EC	N	9/9/2019						
85068	VQ-BBB	AD2019-01-03_0_H	C	EC	N	9/8/2019	49049.35	22026				
84018	VQ-BBB	FMC DATABASE	C	Task	N	9/7/2019	49023.55	22022				
83129	VQ-BBB	1A CHECK	C	Check		9/5/2019	48986.5	22014	600	48961.25		
80159	VQ-BBB	21-150-00-01	C	Task	N	9/5/2019	48986.5	22014	1200	49086.4		
84215	VQ-BBB	23-100-00-01	C	Task	Y	9/5/2019	48986.5	22014	6000	49289.5	6000	
75265	VQ-BBB	24-010-01-01	C	Task	N	9/5/2019	48986.5	22014	1800	49257.55	1800	
75221	VQ-BBB	24-010-02-01	C	Task	N	9/5/2019	48986.5	22014	1800	49257.55	1800	
83153	VQ-BBB	24-020-01-01	C	Task	N	9/5/2019	48986.5	22014	800	49161.25	800	
83154	VQ-BBB	24-020-02-01	C	Task	N	9/5/2019	48986.5	22014	800	49161.25	800	
83155	VQ-BBB	24-030-01-01	C	Task	N	9/5/2019	48986.5	22014	800	49161.25	800	
83156	VQ-BBB	24-030-02-01	C	Task	N	9/5/2019	48986.5	22014	800	49161.25	800	
75271	VQ-BBB	24-040-01-01	C	Task	N	9/5/2019	48986.5	22014	1800	49257.55	1800	
75272	VQ-BBB	24-040-02-01	C	Task	N	9/5/2019	48986.5	22014	1800	49257.55	1800	
83157	VQ-BBB	25-130-00-01	C	Task	N	9/5/2019	48986.5	22014	1000	49361.25	1000	
80166	VQ-BBB	26-160-00-01	C	Task	Y	9/5/2019	48986.5	22014				

15

15. You can see all tasks according with the date range with difference statuses.

16. Push Select button to return to List of Tasks screen.

2. Component Status



The screenshot shows the 'Component Status' window with the following components listed:

PN	SN	Description	IPC Pos	Position	Status
TC296-04		DUMMY_5055_VQ-BIZ			0
TC296-04		DUMMY_5056_VQ-BIZ			0
TC296-04		DUMMY_5057_VQ-BIZ			0
TC296-04		DUMMY_5058_VQ-BIZ			0
TC296-04		DUMMY_5059_VQ-BIZ			C
TC296-04		DUMMY_5059_VQ-BIZ_2265	2265		0
TC296-04		DUMMY_5060_VQ-BIZ			C
TC296-04		DUMMY_5060_VQ-BIZ_2265	2265		0
TC296-04		DUMMY_5061_VQ-BIZ			C
TC296-04		DUMMY_5061_VQ-BIZ_2265	2265		0
TC296-04		DUMMY_5062_VQ-BIZ			C
TC296-04		DUMMY_5062_VQ-BIZ_2265	2265		0
UA538551-3		DUMMY_4900_VQ-BIZ			C

1. To monitor current status of the components, history of the components or see last replacement status by position click on the Components Status tab.

2. Select from the whole of the list necessary aircraft registration. List of the components will be appeared.

3. In the List of Component screen select any necessary component, also you can check box Select ALL to choose all components.

4. Push Select button.

Inquiry - Reports

Close Report List Settings Help

Reports List Tasks Status Component Status Reliability

Component List **6**

Select Status: O-Open; C - Closed (Component Removed from AC) Excel

ID:	AC_Reg:	Overdue:	Calc Due Date:	+/- d:	Remainings:	IPC_Pos:	Position:	PN:	Serial Number:
1739	VQ-BBB				00-00-00			737-86N	28645
9589	VQ-BBB				21-51-01-04		RH	396608-1	1086
9590	VQ-BBB				21-51-01-04		RH	396608-1	3079
3139	VQ-BBB				21-51-03-03		LH	2215240-1	77-137
3137	VQ-BBB				21-51-03-06		RH	2206400-2	49-1333
5806	VQ-BBB				21-51-10-01		LH	398908-3	957
5807	VQ-BBB				21-51-10-01		LH	398908-5	10739
12878	VQ-BBB				21-51-10-01		LH	398908-5	22418
9481	VQ-BBB				21-51-10-01		RH	398908-5	21383
5075	VQ-BBB				21-51-10-01		RH	398908-5	22167
3138	VQ-BBB				21-51-21-01		LH	541674-4	15005
10146	VQ-BBB				21-51-21-01		LH	541674-4	8831
12880	VQ-BBB				21-51-21-01		LH	541674-4	99-8369
8879	VQ-BBB				21-51-21-01		RH	541674-4	11213
6392	VQ-BBB				21-51-21-01		RH	541674-4	12161
6393	VQ-BBB				21-51-21-01		RH	541674-4	98-512
11790	VQ-BBB				21-60-51-01		01	622814-5	031C-2486
11791	VQ-BBB				21-60-51-01		01	622814-5	622814-05749
9364	VQ-BBB				21-61-20-01		03	398908-3	15337
9363	VQ-BBB				21-61-20-01		03	398908-3	25943
10147	VQ-BBB				22-11-34-01			4082260-937	02012695
10148	VQ-BBB				22-11-34-01			4082260-937	97031082
8101	VQ-BBB				23-11-21-01		01	822-0990-002	168X2F
8706	VQ-BBB				23-11-21-01		01	822-0990-002	1XJCY
3131	VQ-BBB				23-11-21-01		01	822-0990-002	3104
3176	VQ-BBB				23-11-21-01		01	822-0990-002	3503
9443	VQ-BBB				23-11-61-01		01	822-0987-003	173456
9442	VQ-BBB				23-11-61-01		01	822-0987-003	3191
1914	VQ-BBB	N	2019-04-24	228	22-24-00-01-24			462-0122	262284-024

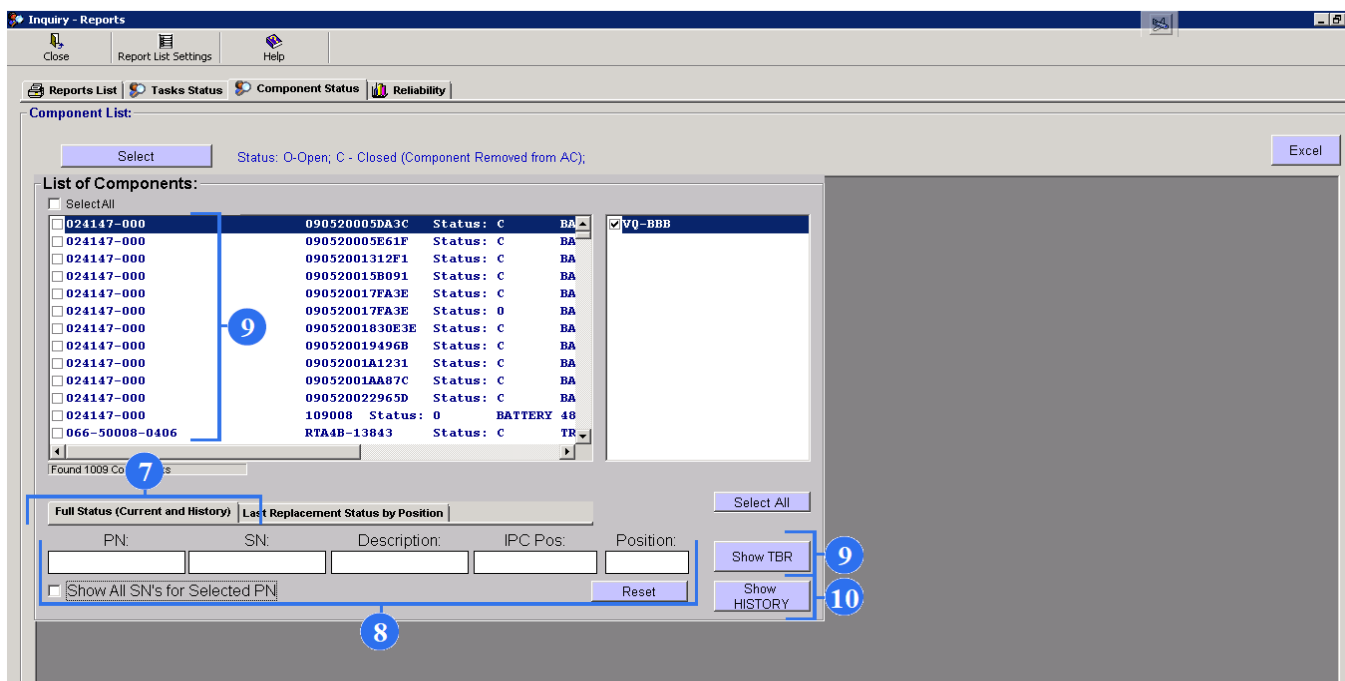
5

5. You can see all components with difference statuses.

Statuses are divided in to:

- O – Open
- C – Closed (It means that component is removed from A/C)

6. Push Select button to return to List of Components screen.

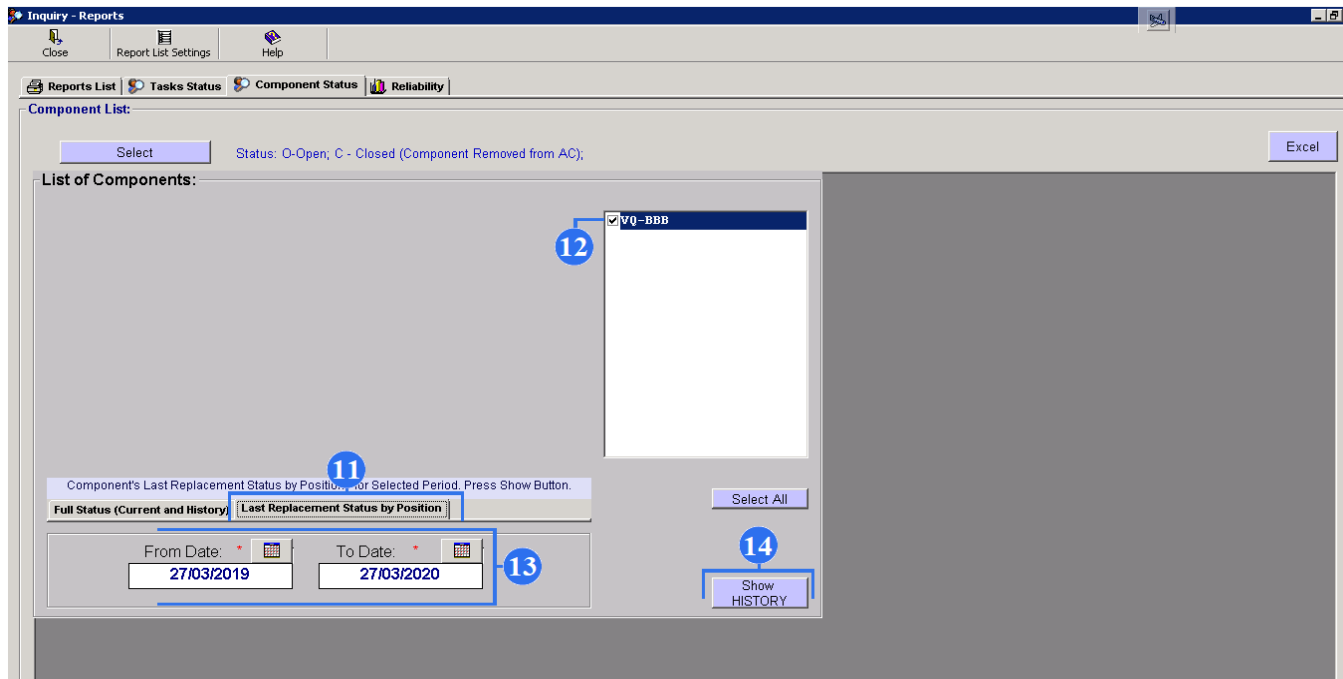


7. To monitor current status or to see history of components click on the Full Status (Current Status and History) tab.

8. Use Part Number, Serial Number, Description, IPS position or position fields for exact search. Check box Show All SN's for Selected PN.

9. In the List of Components screen select any necessary component, also you can check box Select ALL to choose all components. Select from the whole of the list necessary aircraft registration. And push "Show TBR" button to apply a show selection of components time between replacement.

10. To apply and show selection of components history push Show HISTORY button.



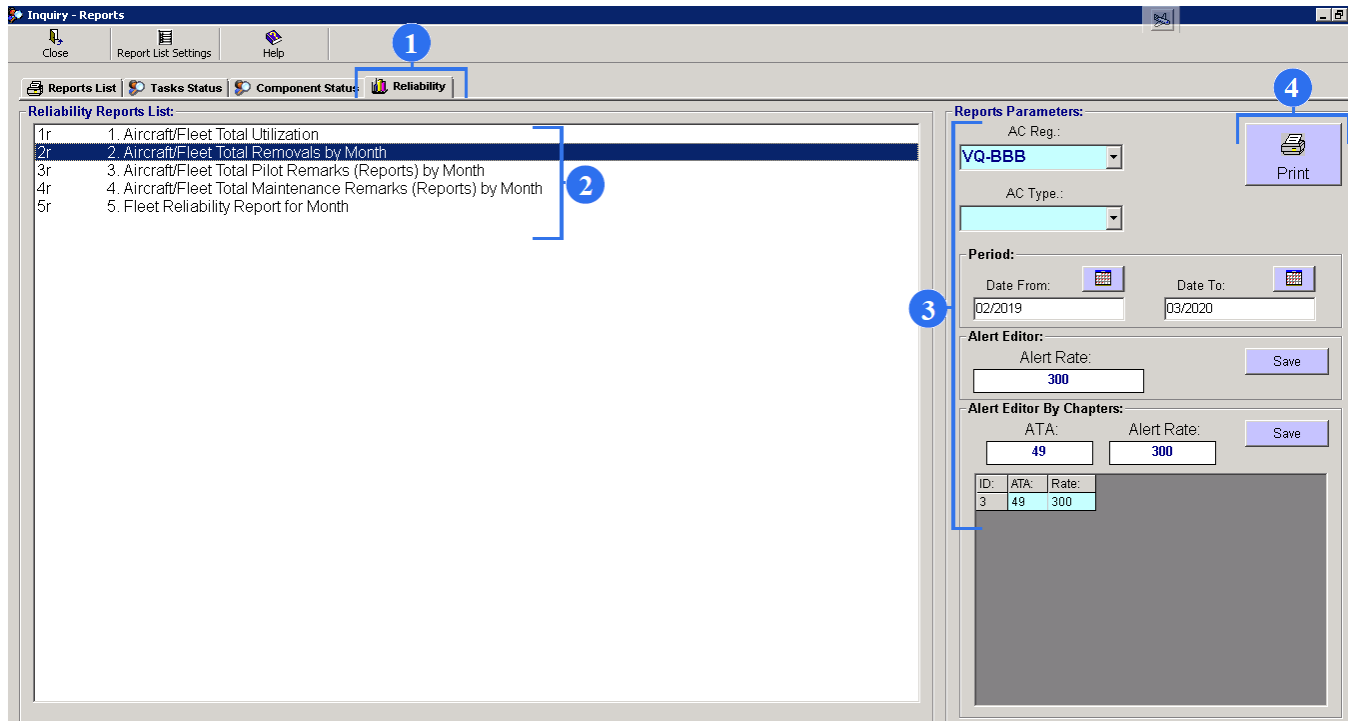
11. To see last replacement status of components click on the Last Replacement Status by Position tab.

12. Select from the whole of the list necessary aircraft registration.

13. Choose date range from what to what day.

14. Click on the Show HISTORY.

3. Reliability

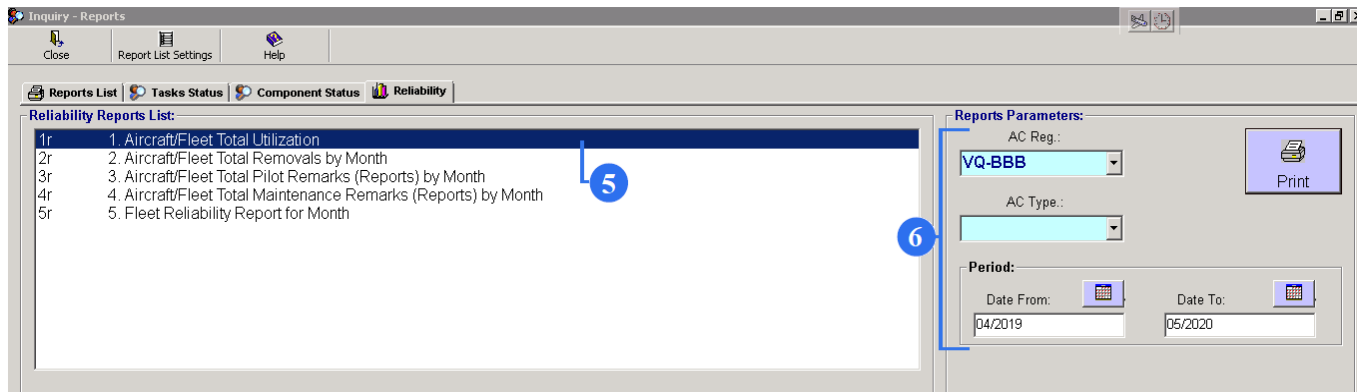


1. To get reliability report click on the Reliability tab.

2. From the whole list select necessary report. Type of reports depends on customer.

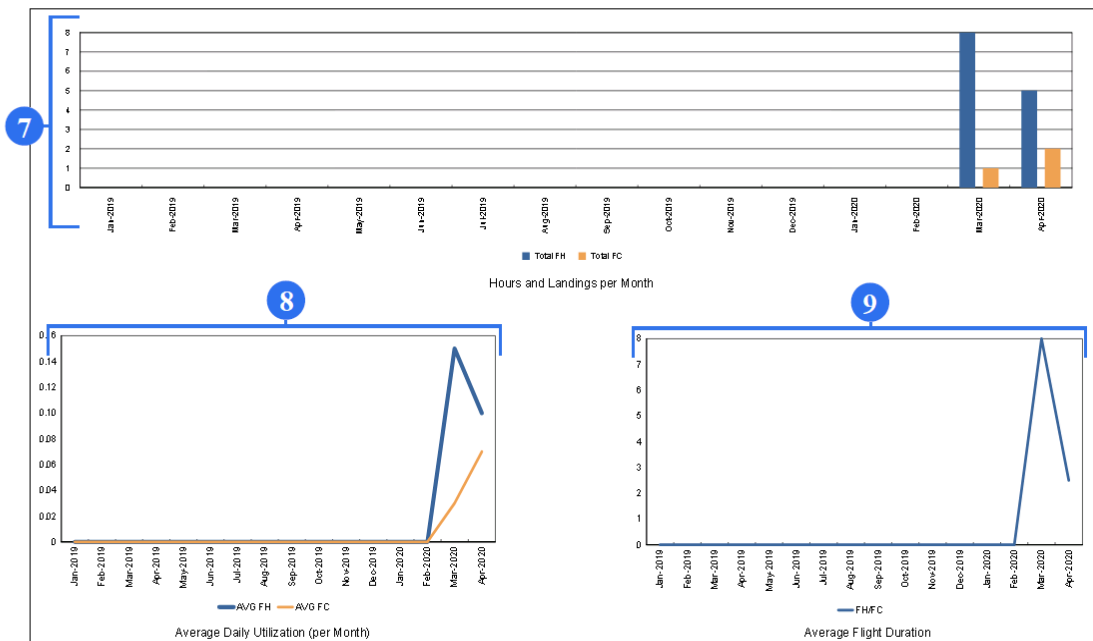
3. In the Reports Parameters Editor enter AC Reg, AC type, time period and alert value.

4. Push Printer button.



5. Consider a sample reliability report such as Aircraft/Fleet Total Utilization.

6. In the Report Parameters editor enter aircraft registration (AC Reg field) and Date Period. Push Print button to get report.

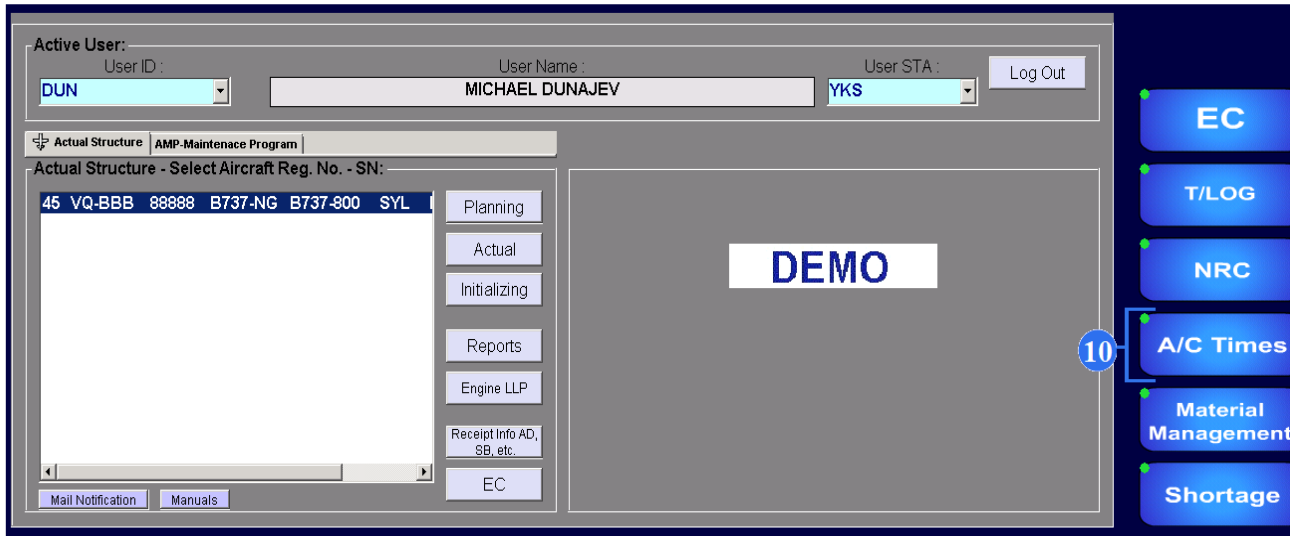


As a result, you get three graphs.

7. The first graph is Hours and Landings per Months, where the blue column is total hours and orange column is total flight cycles.

8. The second graph is Average Daily Utilization per Month. The blue line is average flight hours, the orange line is average flight cycles.

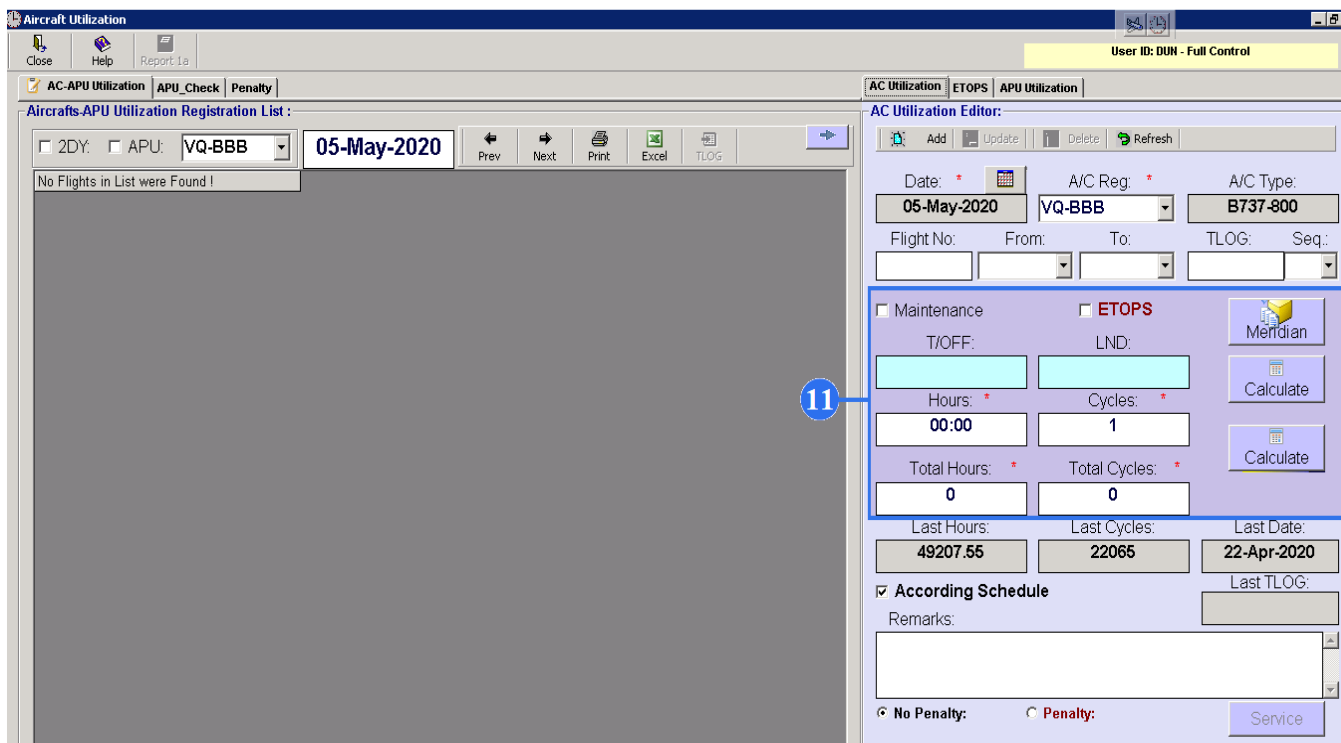
9. The third graph is Average Flight Duration.

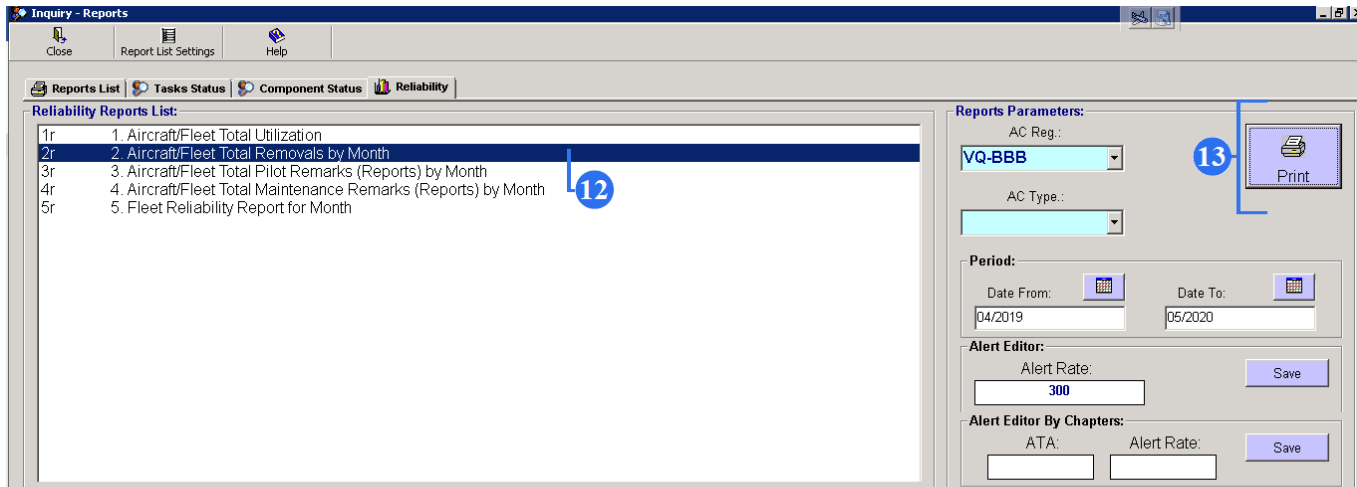


10. To generate the reliability report it is necessary to start A/C Times submodule.

11. Enter always take off time and landing time and click on the Calculate. You can get total flight hours and cycles.

Based on this data, Aircraft/Fleet Total Utilization report is generated.

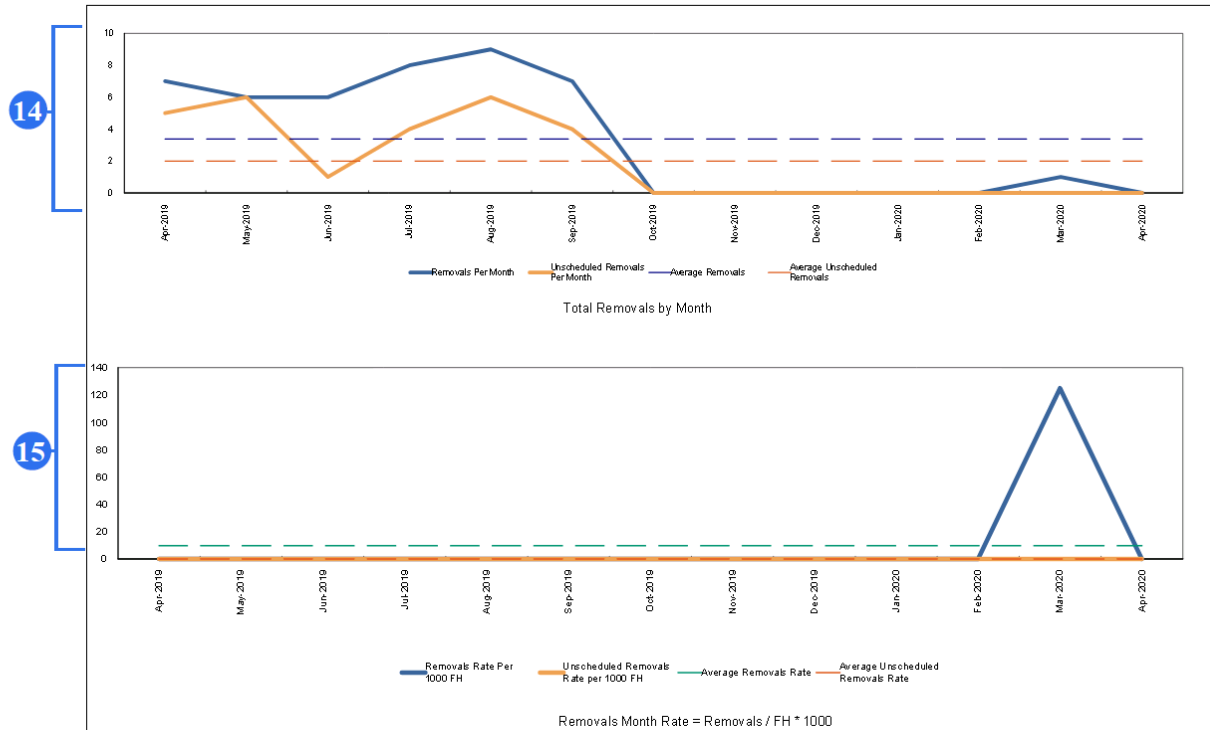




12. Consider a sample reliability report such as Aircraft/Fleet Total Removals by Months.

13. In the Report Parameters editor enter aircraft registration (AC Reg field), Date Period and fill Alert Editor. Push Print button to get report.

As a result, you get two graphs.



14. The first graph is Total Removals by Month, where blue line is removal for month, orange line is unscheduled removal per month, dotted lines are average removal.

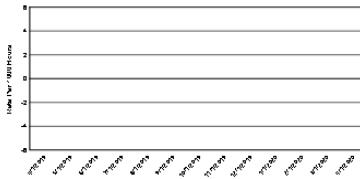
15. The second graph is Removal Month Rate, i.e. Removals/FH*1000.

16

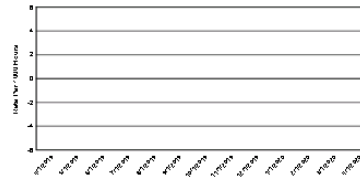
Removals Rate by Chapters

	Total	Apr-2019	May-2019	Jun-2019	Jul-2019	Aug-2019	Sep-2019	Oct-2019	Nov-2019	Dec-2019	Jan-2020	Feb-2020	Mar-2020	Apr-2020
ATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
•														
•														
79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

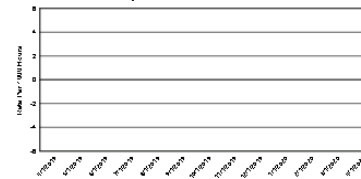
Chapter: 21 - Air Conditioning



Chapter: 22 - Autoflight

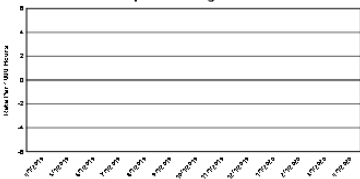


Chapter: 23 - Communication



•

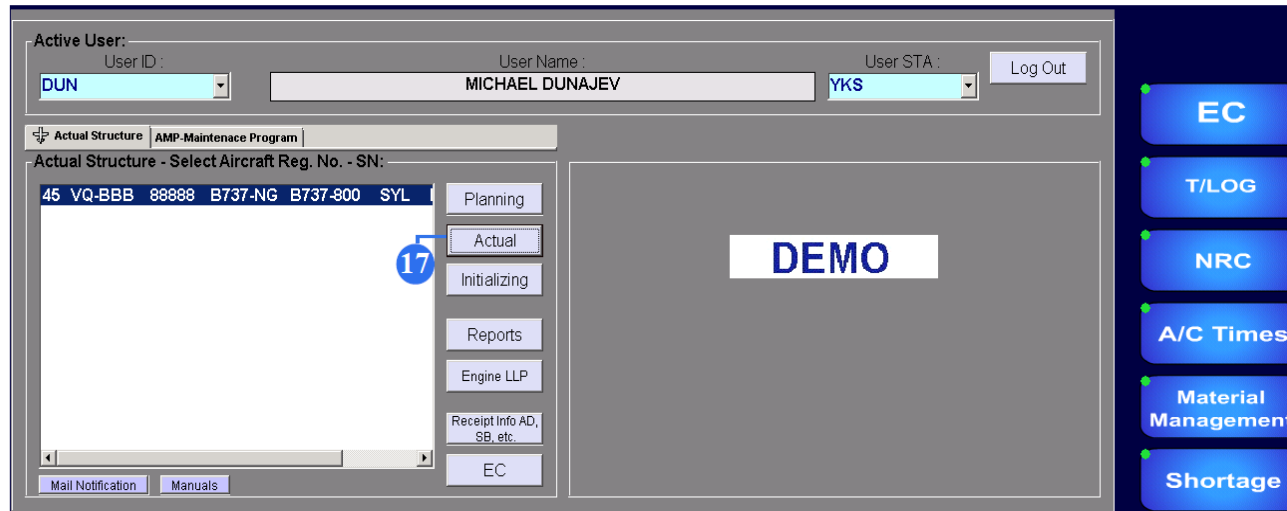
Chapter: 79 - Engine Oil



Chapter: 80 - Engine Start



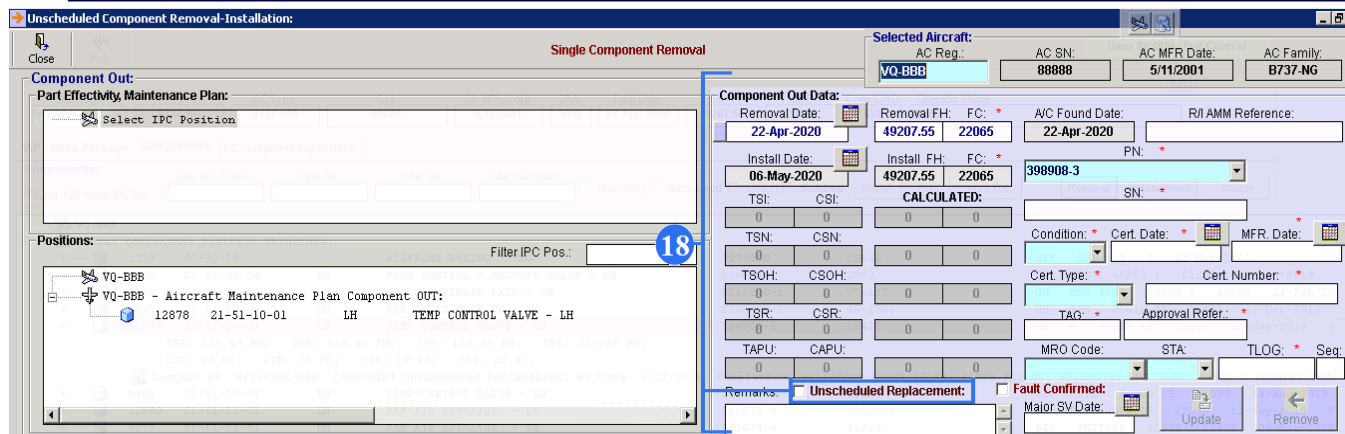
16. Also, you can get report of Removals Rate by Chapters through total table and charts for each system.



17. To generate the reliability report it is necessary to start Actual submodule.

18. In Actual submodule you can registered removal of component. Fill all important fields to generate removal per month report.

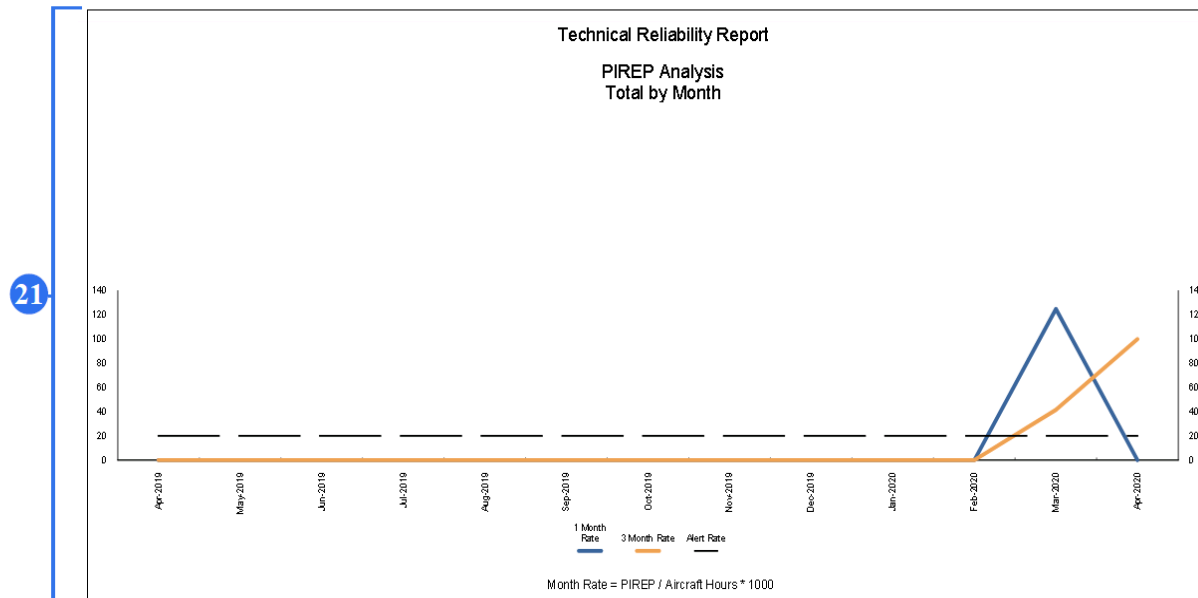
If you tick the Unscheduled Replacement field, you get unscheduled removal per month report.



19. Consider a sample reliability report such as Aircraft/Fleet Total Pilot Remarks (Report) by Month.

20. In the Report Parameters editor enter aircraft registration (AC Reg field), Date Period and fill Alert Editor. Push Print button to get report.

As a result, you get:



21. Graph of PIREP (Pilot Report) /Aircraft Hours *1000, where blue line is PIREP per Month, orange line is PIREP per 3 Month and dotted line is alert value.

Technical Reliability Report
PIREP Analysis and Unscheduled
Removals by ATA Chapters per Month

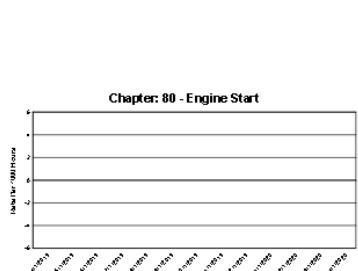
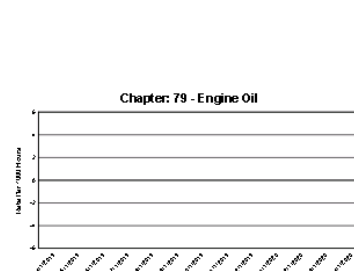
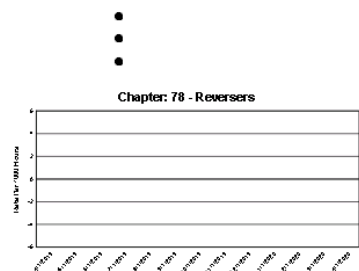
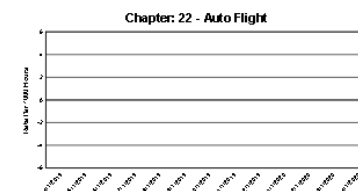
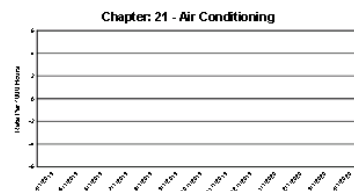
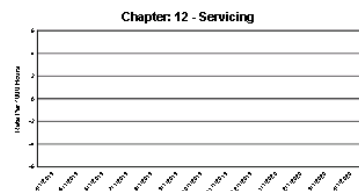
Summary of Information By Chapter for Apr-2019

Chapter	Description	No of PIREPs	PIREPs Rate	No of Removals	Removal Rate
32	LANDING GEAR	0	0.00	4	0.00
35	OXYGEN	0	0.00	1	0.00
TOTAL		0	0.00	5	0.00

Total Hours 0.00

PIREP Rate by Chapters

	Total	Apr-2019	May-2019	Jun-2019	Jul-2019	Aug-2019	Sep-2019	Oct-2019	Nov-2019	Dec-2019	Jan-2020	Feb-2020	Mar-2020
ATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
•													
•													
•													
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



22. Also, you can get PIPER Analysis and Unscheduled Removals by ATA Chapters per Month and PIPER Rate by Chapters through total table and charts for each system.

22

Active User: User ID: **DUN** User Name: **MICHAEL DUNAJEV** User STA: **YKS** Log Out

Actual Structure: AMP-Maintenance Program

Actual Structure - Select Aircraft Reg. No. - SN:

45	VQ-BBB	88888	B737-NG	B737-800	SYL
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Buttons: Planning, Actual, Initializing, Reports, Engine LLP, Receipt Info AD, SB, etc., EC

Mail Notification, Manuals

DEMO

23

EC, T/LOG, NRC, A/C Times, Material Management, Shortage

23. To create the reliability report it is necessary to start NRC submodule.

NON-ROUTINE CARD

Exit, Add, New, Update/Close, Delete, A/C, NRC Num., Filter, Print NRC, Refresh, To WO, Help, View

24

NON-ROUTINE CARD No. : **2003001**

Attach

AOG ETOPS Type: PR Mtx Schd Technical Delay NEF WIL Delay Note:

A/C Reg. : **VQ-BBB** Issued by : **DUN**

Aircraft Registration Number: **B737-800** Date: **03-Nov-2020**

TLOG Seq. No: **AT12345** NRC Seq. No: Other:

Orders: DO DT STR

Safety: MEL Ref.: MEL Cat.

AMM Ref.: SRM Ref.:

INTERVAL: FH: FC: DY: MO: YR: DEFERRED: NEXT DUE: Defered Date:

REMARK - DEFECT DESCRIPTION: Reason: P E T M R
Correction
WHEEL TIRE IS WEAR

RECOMMENDATION - JIC: Correction
AMM 12-15-32/401

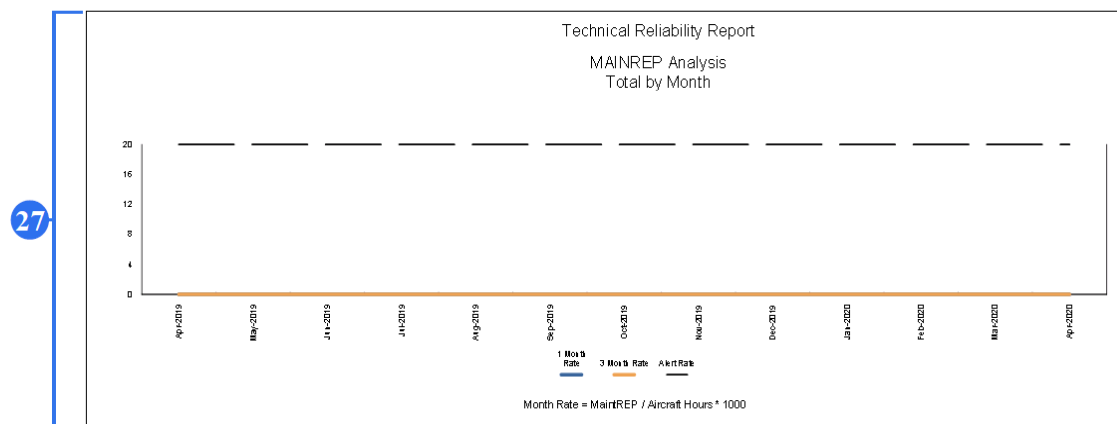
ACTION: + Add... Edit

24. If you want that PIREP report will be generated, tick the PR field, where PR – Pilot Remark.

25. Consider a sample reliability report such as Aircraft/Fleet Total Maintenance Remarks (Reports) by Month..

26. In the Report Parameters editor enter aircraft registration (AC Reg field), Date Period and fill Alert Editor. Push Print button to get report.

As a result, you get:



27. Graph of MAINREP (Maintenance Report) /Aircraft Hours *1000, where blue line is MaintREP per Month, orange line is MainREP per 3 Month and dotted line is alert value.

Technical Reliability Report

MAINTREP Analysis and Unscheduled
Removals by ATA Chapters per Month

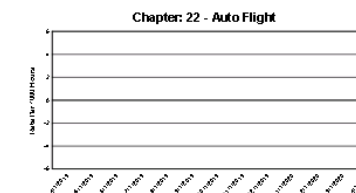
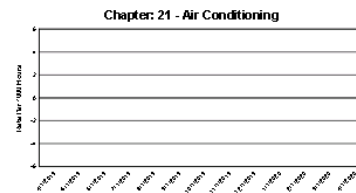
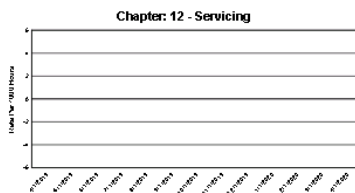
Summary of Information By Chapter for Apr-2019

Chapter	Description	No of Maint Reports	Maint Repo rts Rate	No of Removals	Removal Rate
32	LANDING GEAR	0	0.00	4	0.00
35	OXYGEN	0	0.00	1	0.00
TOTAL		0	0.00	5	0.00

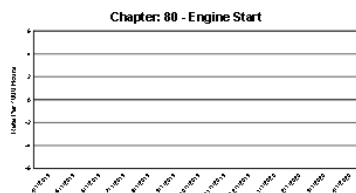
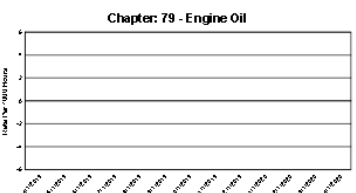
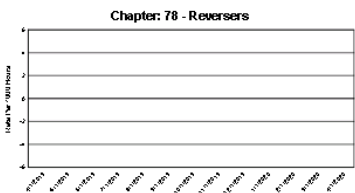
Total Hours 0.00

MAINTREP Rate by Chapters

	Total	Apr-2019	May-2019	Jun-2019	Jul-2019	Aug-2019	Sep-2019	Oct-2019	Nov-2019	Dec-2019	Jan-2020	Feb-2020	Mar-2020
ATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
•													
•													
79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



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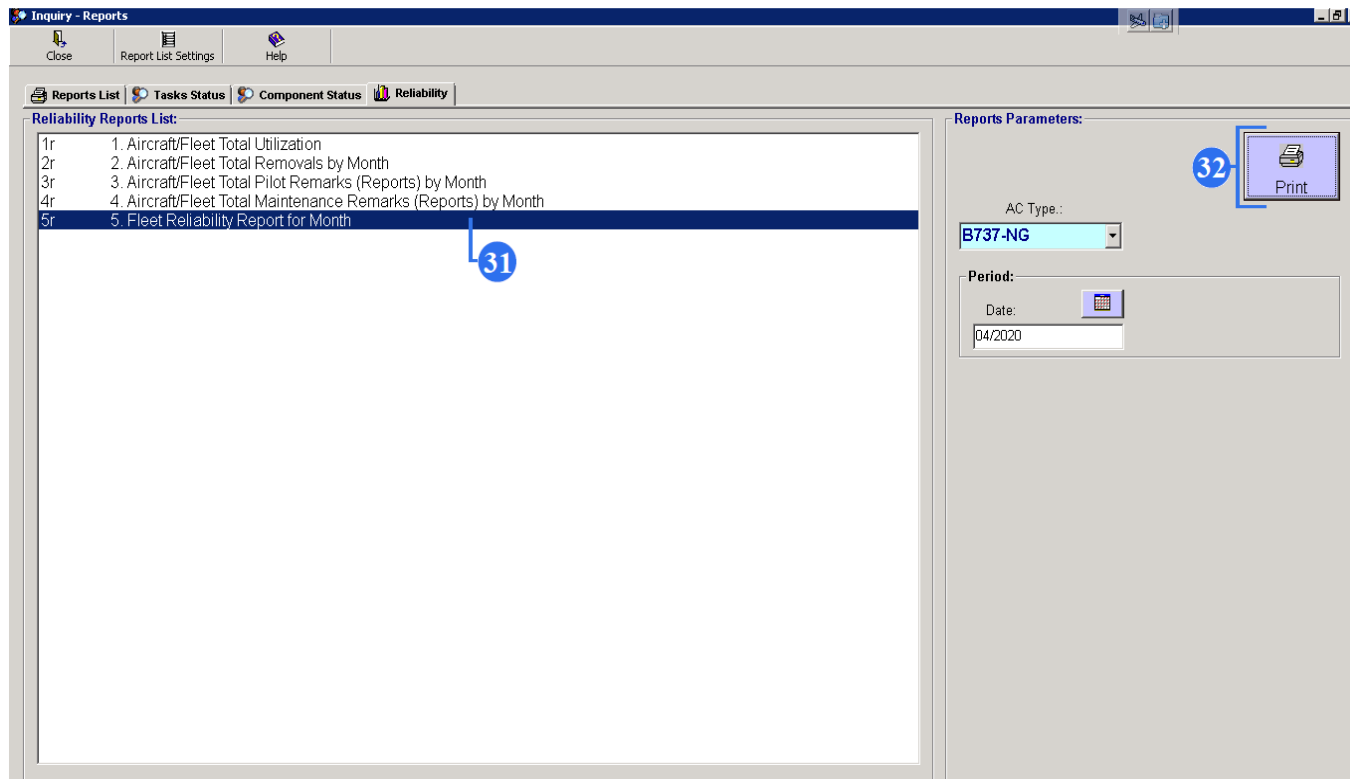


28

28. Also, you can get MAINTREP Analysis and Unscheduled Removals by ATA Chapters per Month and MAINTREP Rate by Chapters through total table and charts for each system.

29. To create the reliability report it is necessary to start NRC submodule.

30. If you want that MAINTREP report will be generated, tick the Mtx field, where Mtx – Maintenance remark.



31. Consider a sample reliability report such as Fleet Reliability Report for Month.

32. Push Print button to open the report.

This report includes all above reports: Aircraft/Fleet Total Utilization, Aircraft/Fleet Total Removals by Month, Aircraft/Fleet Total Pilot Remarks (Reports) by Month, Aircraft/Fleet Total Maintenance Remarks (Reports) by Month.

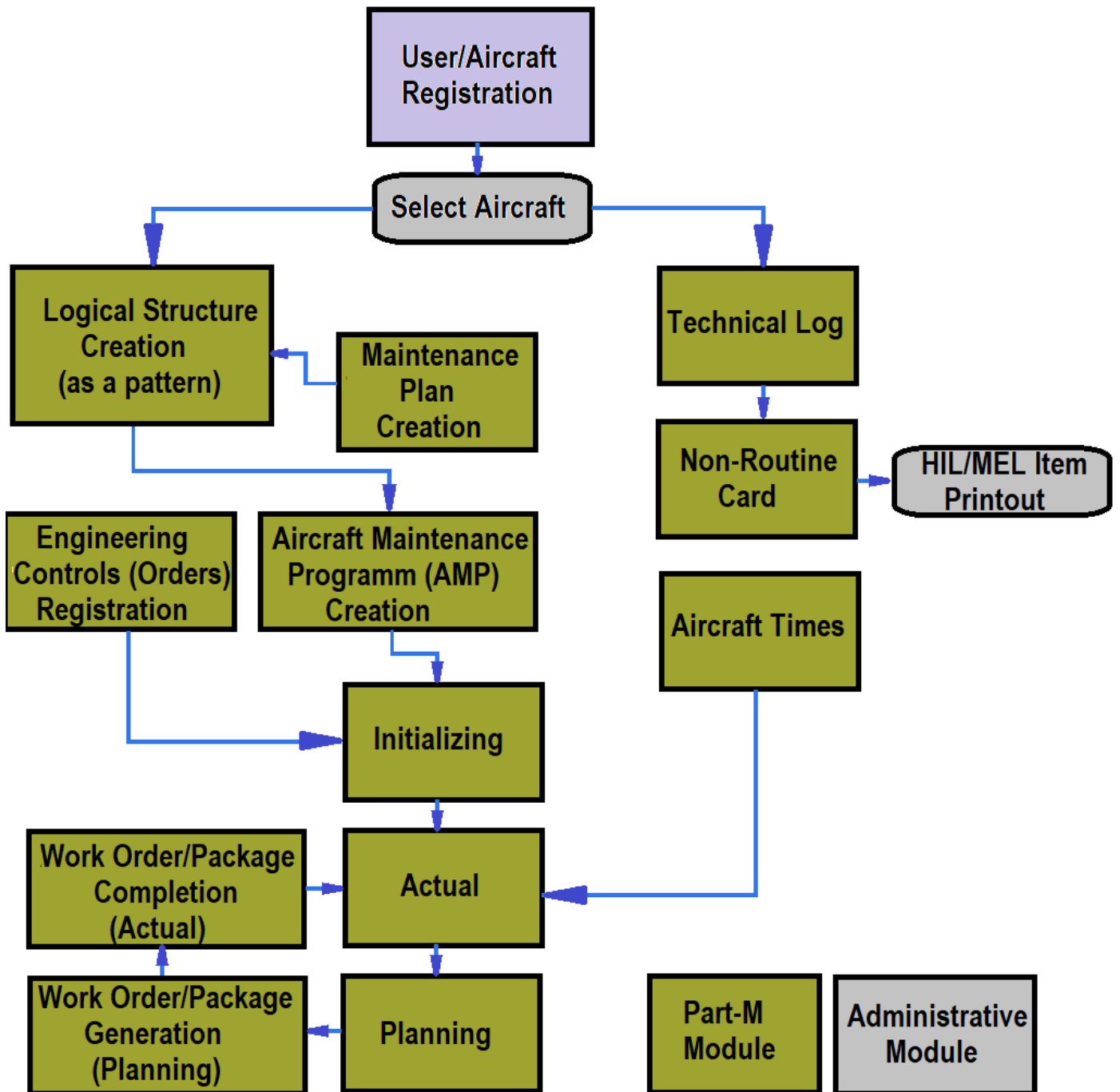
Scenario Descriptions

User Guidance

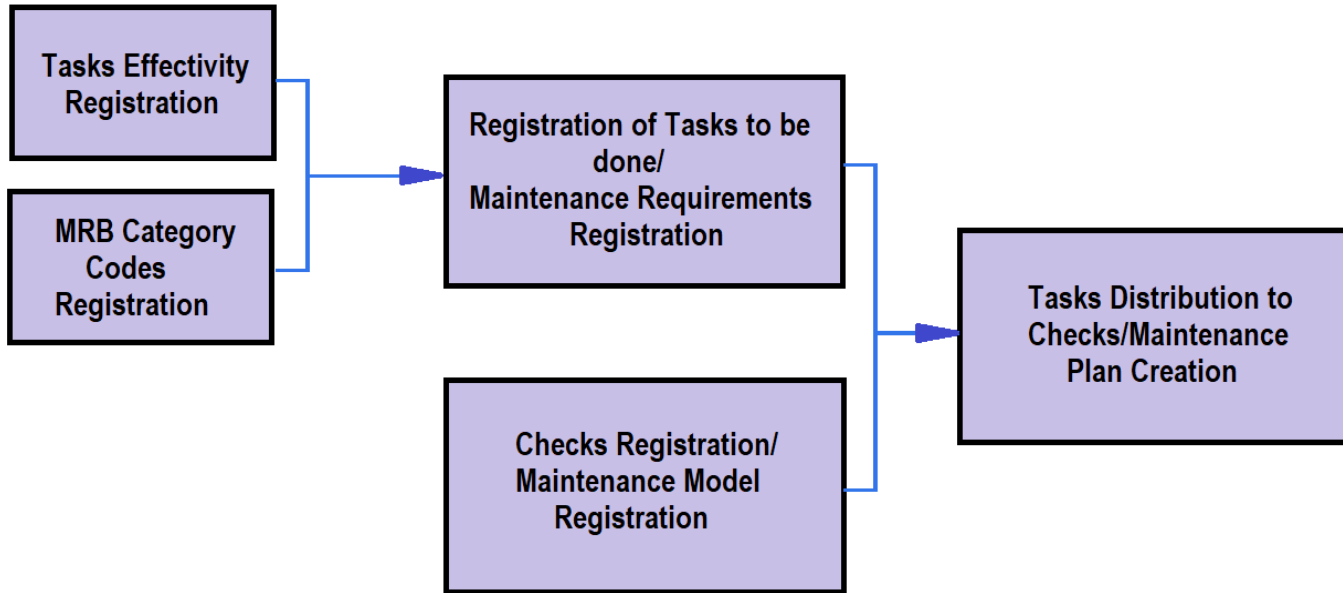
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1. Scenario 1: Part-M Operating Scheme



2. Scenario 2: Maintenance Plan Creation



1. Task Effectivity Registration: reference to the Maintenance Plan (chapter I, part 'Task Effectivity')

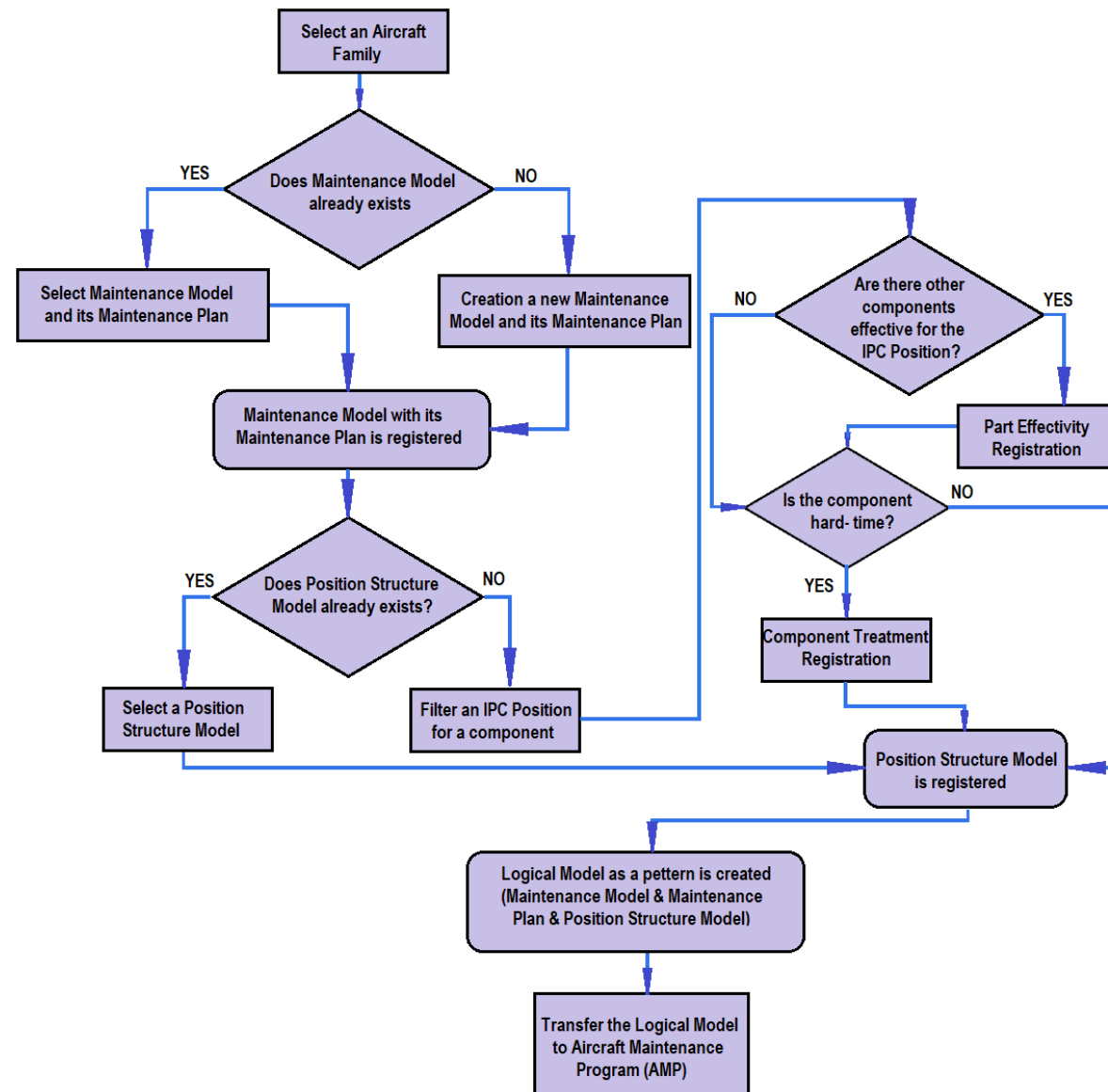
2. MRB Registration: reference to the Maintenance Plan (chapter I, part 'MRB Category Codes')

3. Maintenance Requirements Registration: reference to the Maintenance Plan (chapter I, part 'Maintenance Requirements')

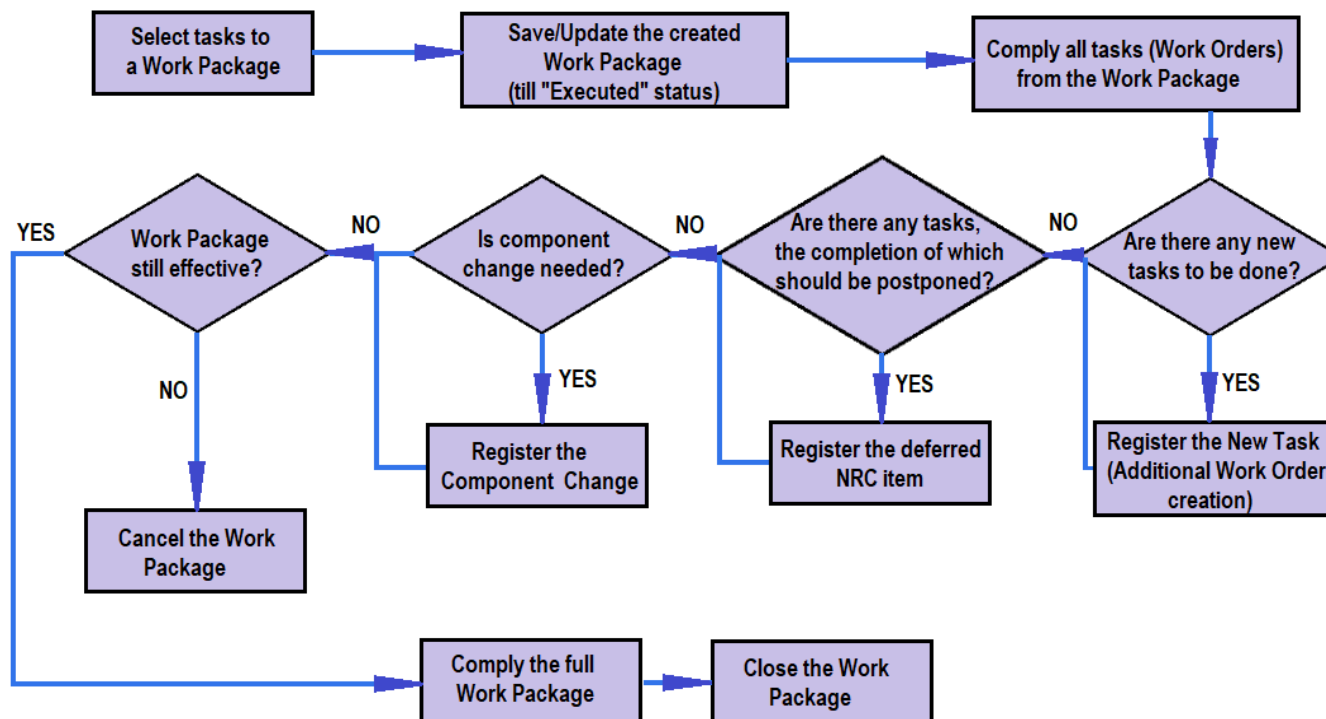
4. Checks Registrations: reference to the Maintenance Plan (chapter I, part 'Maintenance Model')

5. Tasks Distribution: reference to the Maintenance Plan (chapter I, part 'Maintenance Plan')

3. Scenario 3: Logical Model Creation and its Transfer to Aircraft Maintenance Program



4. Scenario 4: Work Package Creation and Completion



1. Select Tasks: reference to the Planning (chapter VIII, part 'Work Package Creation')

2. Save/ Update the WP: reference to the Planning (chapter VIII, part 'Work Package Creation')

3. Comply Tasks: reference to the Actual (chapter IV, part 'Actual Overview and Work Packages Completion')

4. New Task Registration: reference to the Actual (chapter IV, part 'Additional Work Order & Deferred Task Cards')

5. Deferred Task Registration: reference to the Actual (chapter IV, part 'Additional Work Order & Deferred Task Cards')

6. Cancel/ Comply/ Close the WP: reference to the Actual (chapter IV, part 'Actual Overview and Work Packages Completion')