

# **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.

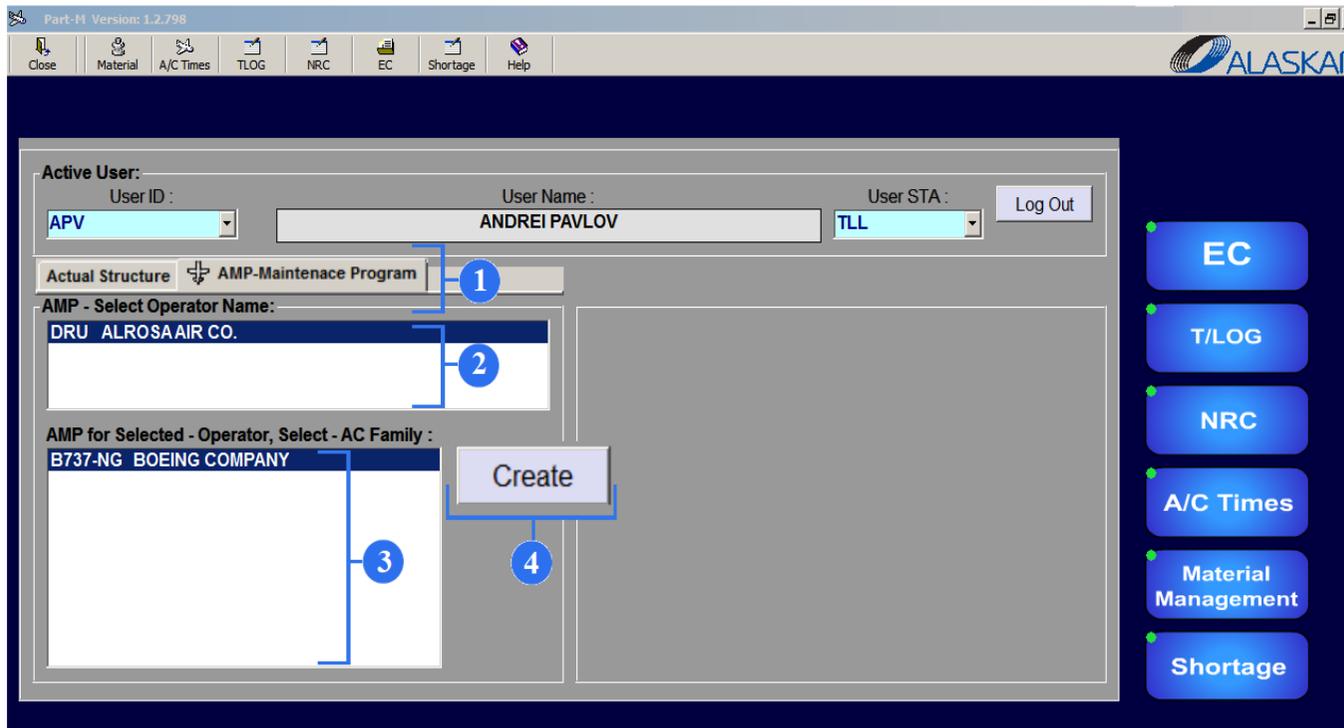
Aircraft maintenance program editor gives you information about Editor items, AMP draft and how to deactivate the already existing AMP.

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: **B737-NG**    Operator Code ICAO: **DRU**    Operator Name: **ALROSA AIR CO.**

**Select Logical Model:**

Logical Model Name: **NA**    Maintenance Model Name:

Remarks: **B737-NG AMP**

**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**

**Active User:** User ID: **DUN**    User Name: **DUNAJEV MIHHAIL**    User STA: **ZIA**    Log Out

**AMP - Select Operator Name:**

**NA SKYGATES**

**AMP for Selected - Operator, Select - AC Family :**

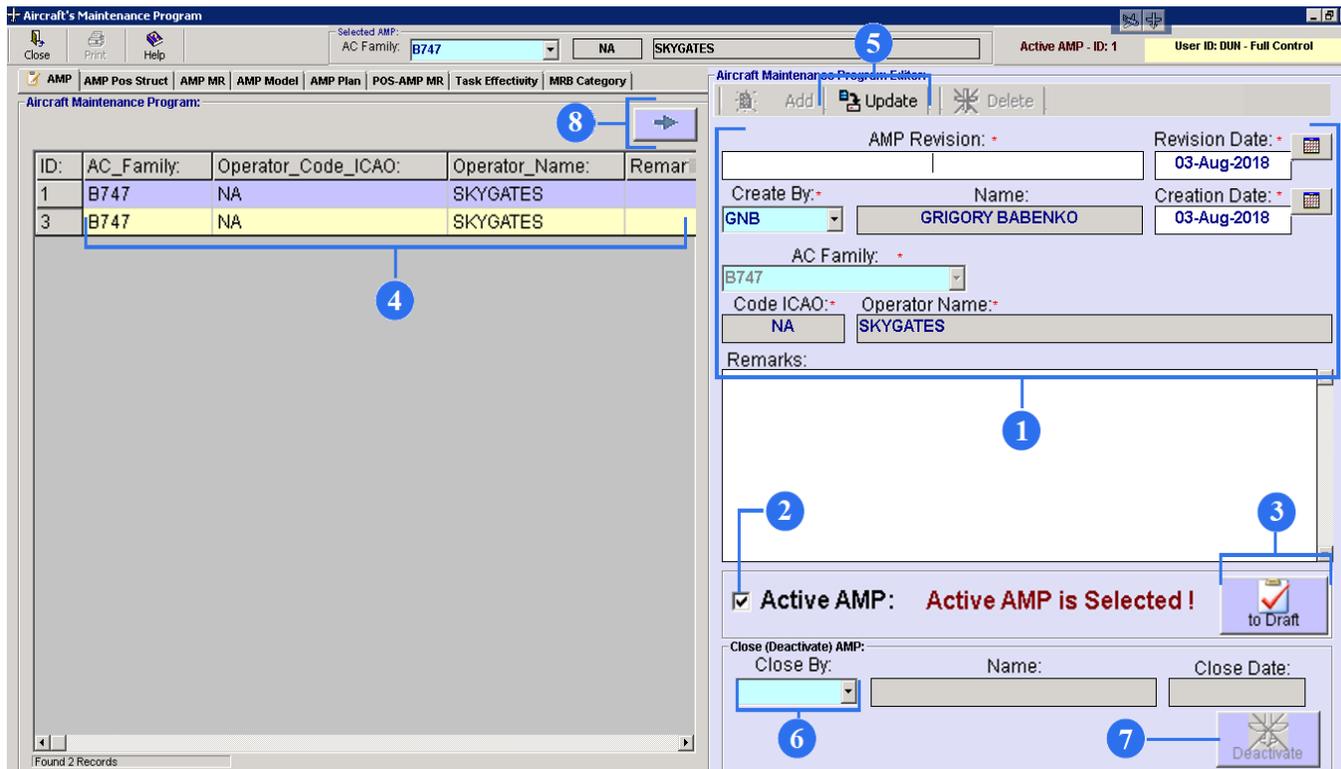
<b>B747</b>	<b>BOEING COMPANY</b>
<b>B747-8F</b>	<b>BOEING COMPANY</b>

**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

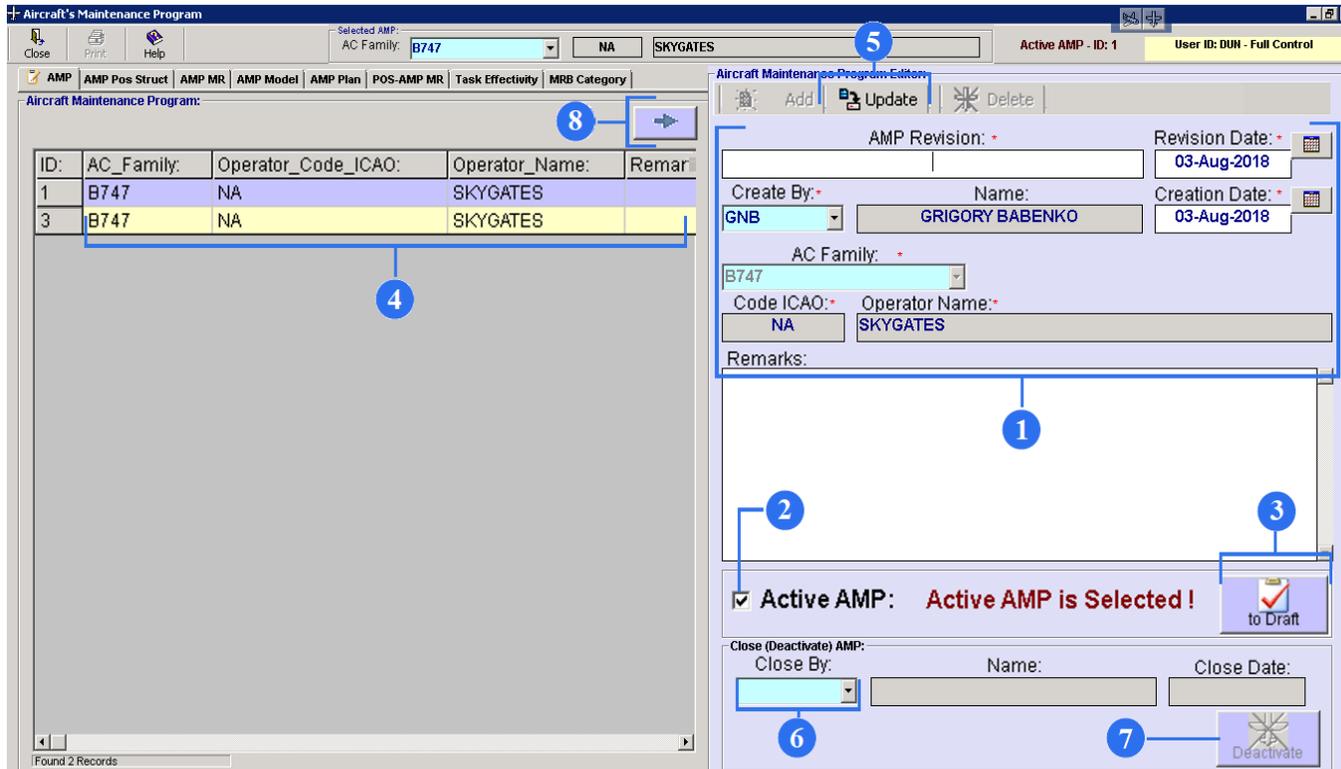


1. After the AMP creation, fields such as “Created By”, “Name”, “Creation Date”, “Code ICAO” and “Operator Name” will be automatically filled. Type only “AMP revision”, “Revision Date” and “Remarks” if it is necessary.

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.



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. The 'AMP Pos Struct' tab is selected, indicated by a blue box and a circled '1'. The main window is divided into three main sections:

- Part Effectivity, Maintenance Plan:** Contains sub-tabs for AMP, AMP Pos Struct, AMP MR, AMP Model, and AMP Plan. The 'AMP Pos Struct' sub-tab is active.
- Part Effectivity Editor (for Selected IPC Position):** A form for editing part effectivity. It includes fields for PN, Description, and Preferable. A 'Part Catalog' button is present. A circled '2' points to this section.
- Position Editor:** A form for editing position details. It includes filters for PN, Description, and AC Type. A list of parts is shown, including '113A9110-1 FWD FAIRING ASSY'. Below the list are fields for Position PN, FIN, IPC Position, and IIR AMM Reference. A circled '3' points to this section.

The 'Positions' list on the left shows a tree structure for 'B747: SKYGATES' with various sub-positions and their descriptions.

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:

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:

3.1. 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:

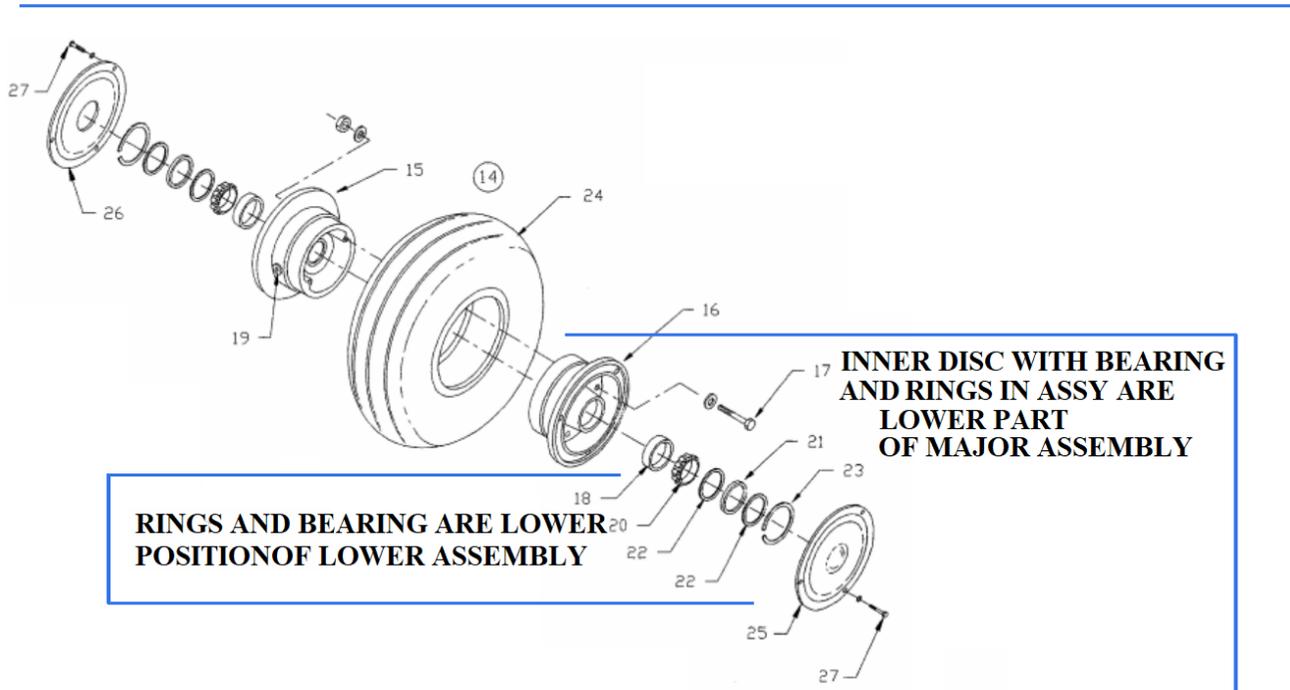
3.8. Tick the fields of component maintenance start time. Selected Times will be displayed in the “Actual” sub-module.

- 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' interface. At the top, it shows 'Selected AMP: B747', 'AC Family: NA', and 'SKYGATES'. The 'Active AMP - ID: 1' and 'User ID: DUN - Full Control' are also visible. The main window is divided into several panes:

- Part Effectivity, Maintenance Plan:** A pane for selecting IPC positions.
- Positions:** A tree view showing the structure for B747: SKYGATES. It lists various components like 'HYD CHECK VALVE HOSE ASSY', 'VALVE - WING ANTI-ICE', 'SEPARATOR-WATER PACK', etc., with their respective part numbers and locations.
- Part Effectivity Editor (for Selected IPC Position):** A form for editing part effectivity. It includes fields for 'PN' (Part Number) and 'Description', and buttons for 'Add', 'Update', 'Delete', 'Part Catalog', and 'Refresh PN'.
- Position Editor:** A form for editing a specific position. It includes fields for 'Position PN', 'Filter Description', and 'Filter AC Type'. A list of parts is shown below these fields, including 'SLIDE ASSY - ESCAPE AFT', 'FLAP KRUEGER NO 4', 'MOTOR ASSY, INBD TE FLAP ALTERNATE DRIVE', 'SOLENOID ASSY, PAX OXY FLOW', 'FLAP OUTBD AFT', and 'OUTER PANE'. There are also fields for 'Position PN', 'FIN', 'IPC Position', and 'UR AMM Reference'. A 'Remarks' field is at the bottom. A blue circle with the number '1' is placed over the 'Position Editor' pane.

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:  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.

The screenshot displays the Aircraft's Maintenance Program (AMP) software 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 table listing various part numbers and their associated flight data recording tasks.
 

Part	Effectivity	Description	Preferable
S144	2100-4043-00	RECORDER - FLIGHT DATA	Preferable: Y
S145	980-4700-001	RECORDER - FLIGHT DATA	Preferable:
S146	2100-4045-22	RECORDER - FLIGHT DATA	Preferable:
S147	980-4700-042	RECORDER FLIGHT DATA	Preferable:
S148	AP411117101	RECORDER FLIGHT DATA	Preferable:
- Positions:** A list of aircraft positions. The position 3003 is highlighted, and a blue circle with the number '2' points to it.
 

Position	Sub-Assy	Filter IPC Pos.	Filter Part Eff.	Description
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
- Part Effectivity Editor (for Selected IPC Position):** A form for editing a specific part's effectivity. It includes fields for Part Number (PN) and Description. The current PN is 2100-4043-00 and the description is RECORDER - FLIGHT DATA.
- Position Editor:** A detailed editor for the selected position. It shows a table of part numbers and their descriptions, along with checkboxes for various attributes like TSN, CSN, TSO, CSO, etc.
 

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

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
<b>ELP362DS</b>	<b>BEACON, UNDERWATER LOCATOR</b>		<b>B747-400F</b>
HS3701	LIFE VEST-PASSENGER ONE UNDER EACH SEAT	25	B737-NG

**4** **3**

Add Update Delete Assy DisAssy Refresh Help

Position PN: \*  FIN:

IPC Position: \*  -  -  -  -

WR 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.

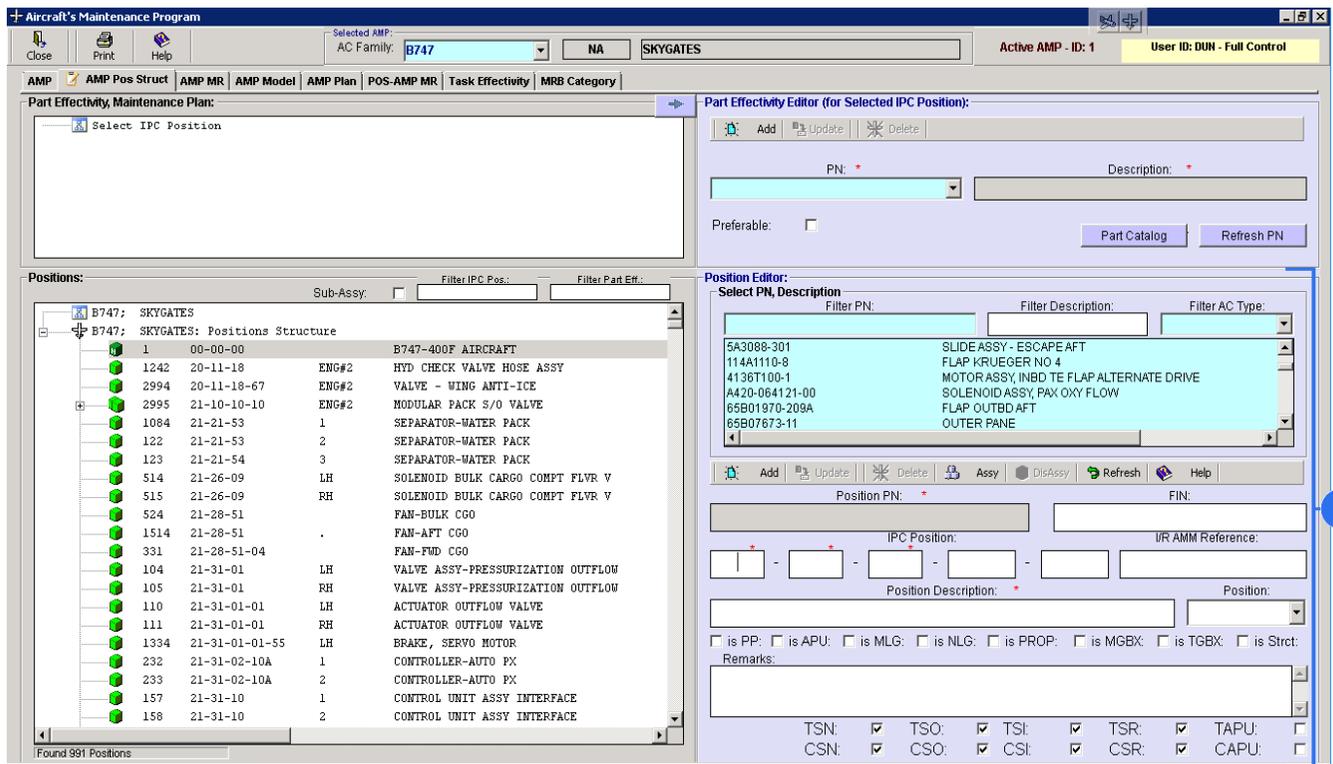
9. Newly specified ULB position will be added. System will create link between selected FDR position and newly added ULB position.

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.



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

4

**Position Editor:**

2

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	

3

Add    Update    Delete    Assy    DisAssy    Refresh    Help

Position PN: \*    FIN:

**21SN04-226A**

IPC Position:    I/R AMM Reference:

31 - 21 - 3 - a

Position Description: \*    Position:

**SWITCH - OIL DIFF PRESSURE**

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

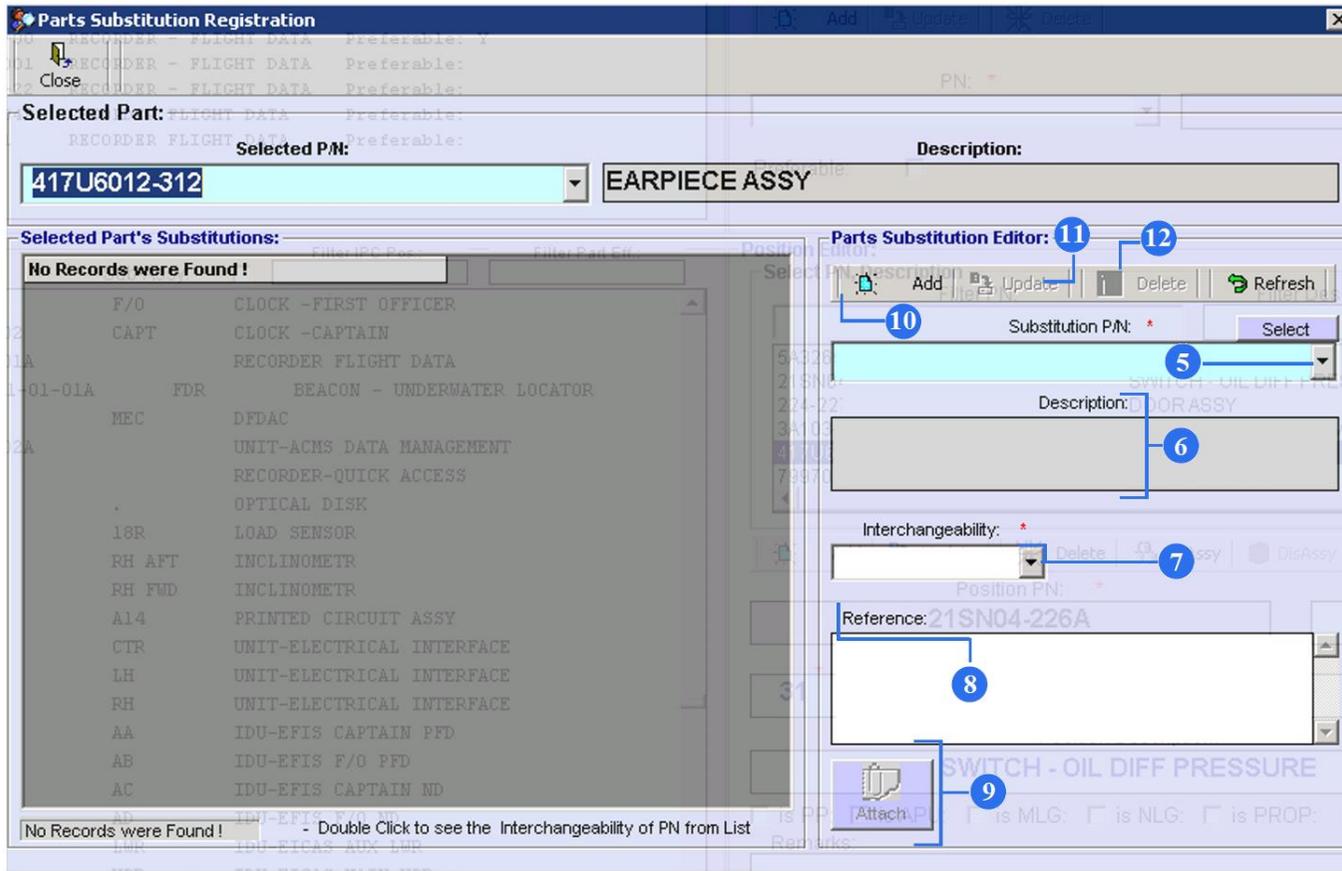
Remarks:

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).

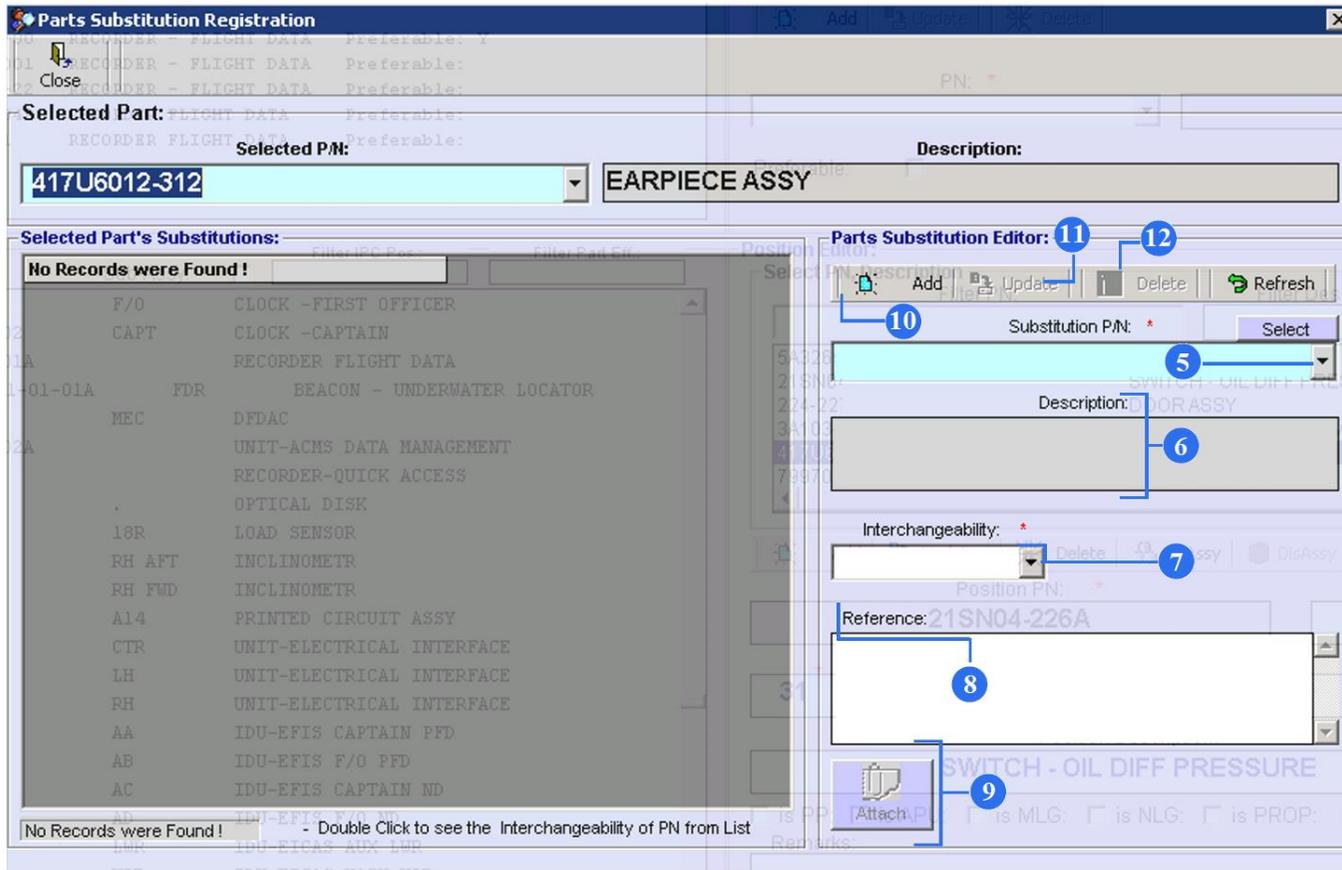
6. Description will appear automatically.

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.

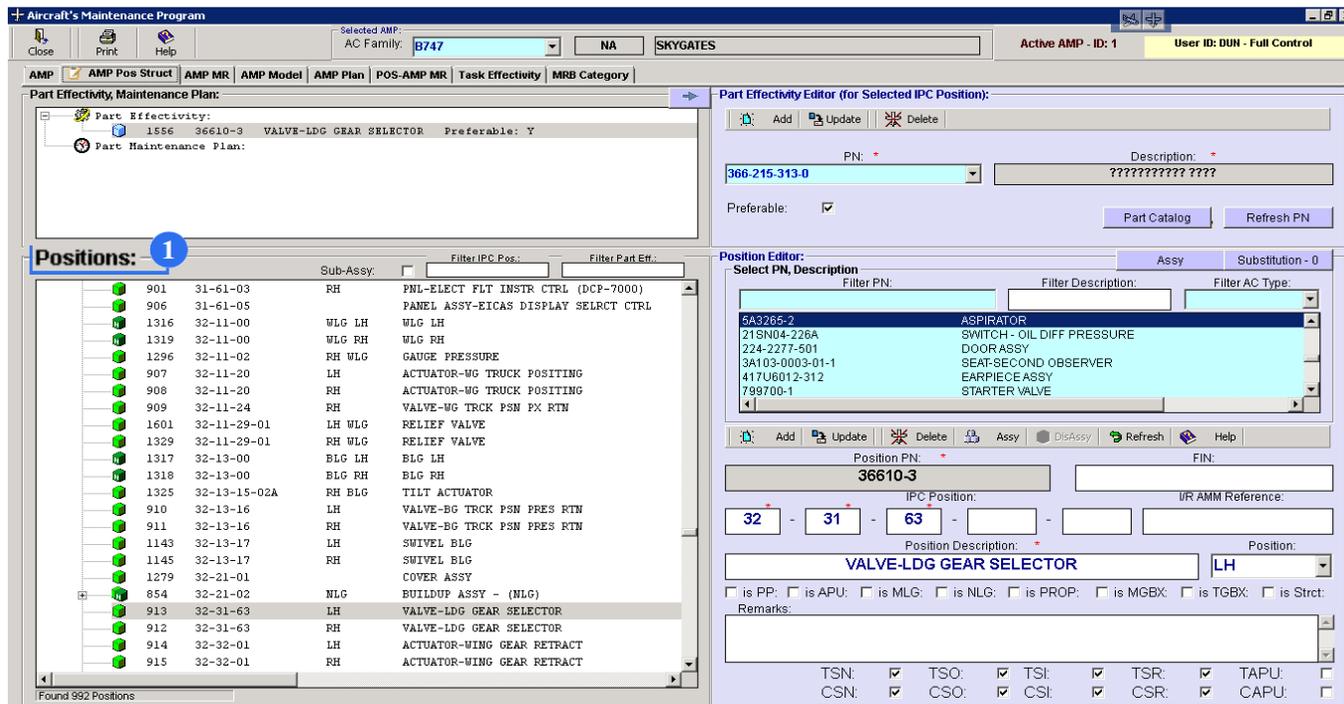


8. To update any data, select the part number from the left part of the window, change or add the required information and press the Update button.

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.



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

Positions:

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 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	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

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:

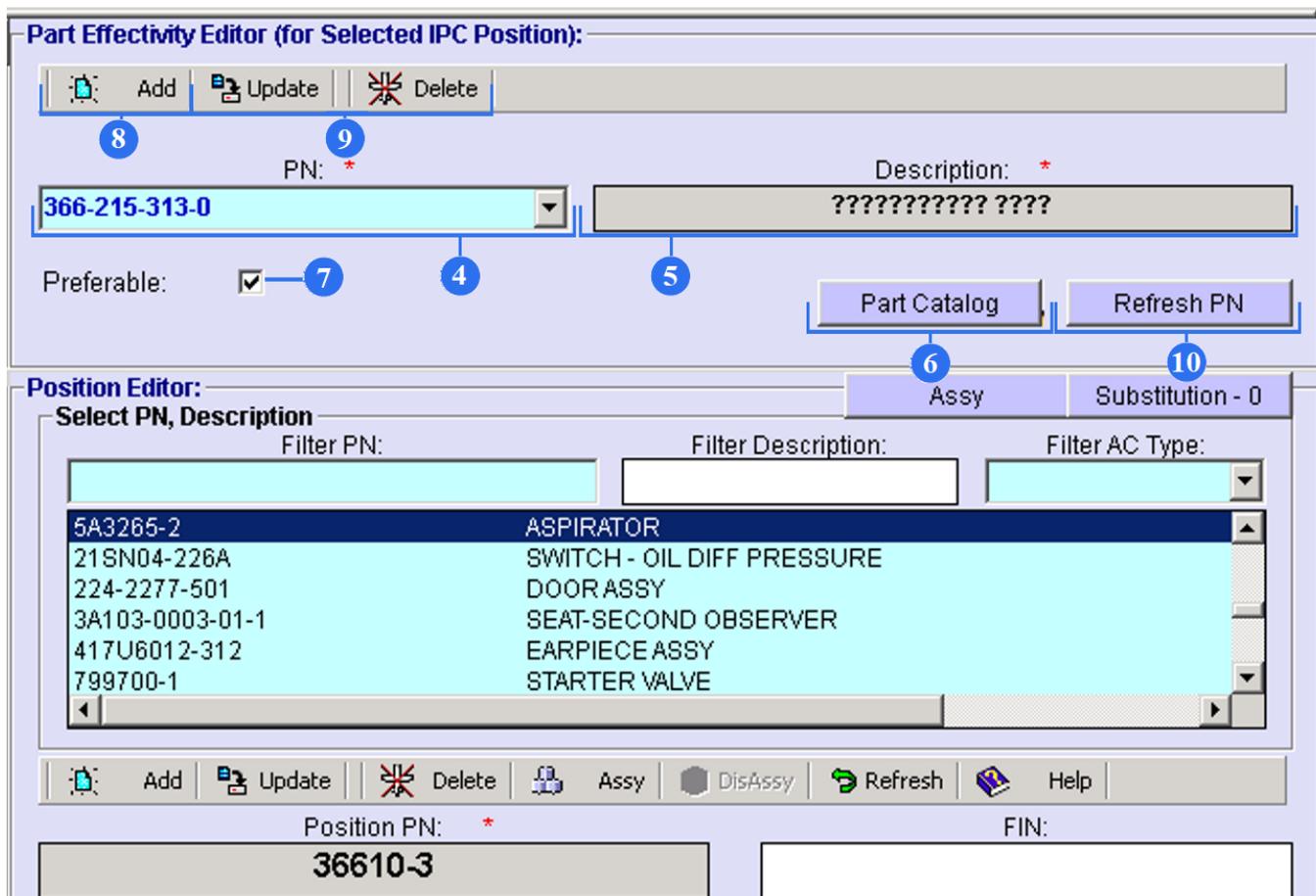
---

**Positions:**

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

910	32-13-16	LH	VALVE-BG TRCK 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	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: \* 366-215-313-0

Description: \* ?????????????? ????

Preferable:  Part Catalog Refresh PN

**Position Editor:**

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: \* 36610-3

FIN:

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: Filter IPC Pos.:  Filter Part Eff.:

Sub-Assy:

	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. 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 displays the 'Aircraft's Maintenance Program' interface. At the top, it shows the selected AMP (B747) and AC Family (NA). The main window is divided into several sections:

- Part Effectivity, Maintenance Plan:** Shows a tree view for part 36610-3, VALVE-LDG GEAR SELECTOR.
- Positions:** A list of 992 positions. Position 913 is highlighted, corresponding to 'VALVE-LDG GEAR SELECTOR' at location 'LH'.
- Part Effectivity Editor (for Selected IPC Position):** Shows the selected part number (366-215-313-0) and description (????????????????).
- Position Editor:** Shows the selected position (36610-3) and its description (VALVE-LDG GEAR SELECTOR) at location (LH). It also includes checkboxes for various attributes like TSN, CSN, TSO, CSO, etc.

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

Positions: Filter IPC Pos.:  Filter Part Eff.:

Sub-Assy:

	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:**

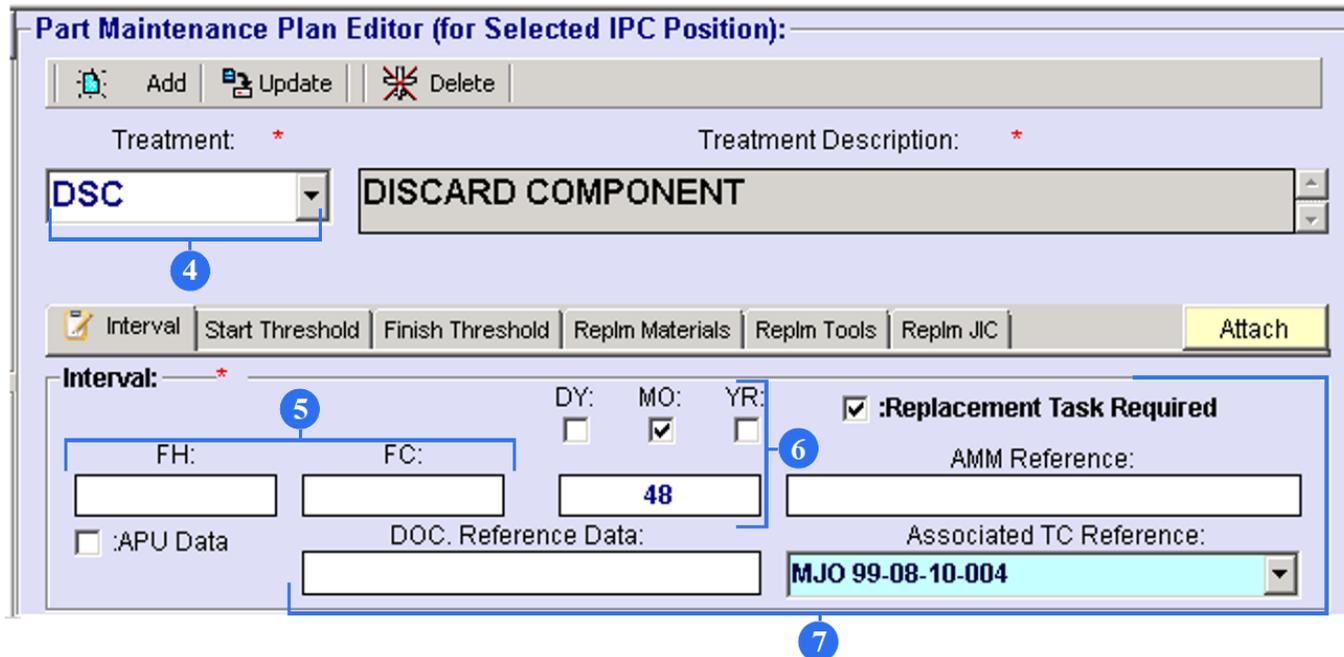
Part Effectivity:  
 Part Maintenance Plan:  
 1091 DSC DISCARD COMPONENT  
 Repetitive Interval: 3 YR;

**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 shows 'Interval' selected. In the 'Interval' section, 'FH' and 'FC' are empty (callout 5), 'DY' is '48' (callout 6), and ':Replacement Task Required' is checked. The 'Associated TC Reference' dropdown is set to 'MJO 99-08-10-004' (callout 7). Other fields include 'AMM Reference', 'DOC. Reference Data', and ':APU Data'.

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

**Associated Treatments:**

**Activated Task Cards or EC:**

Task  EC Filter:

No Activated Tasks Were Found !

8

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):**

Add Update Delete

Treatment: \* Treatment Description: \*

DSC DISCARD COMPONENT

9 10

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

Interval: \*

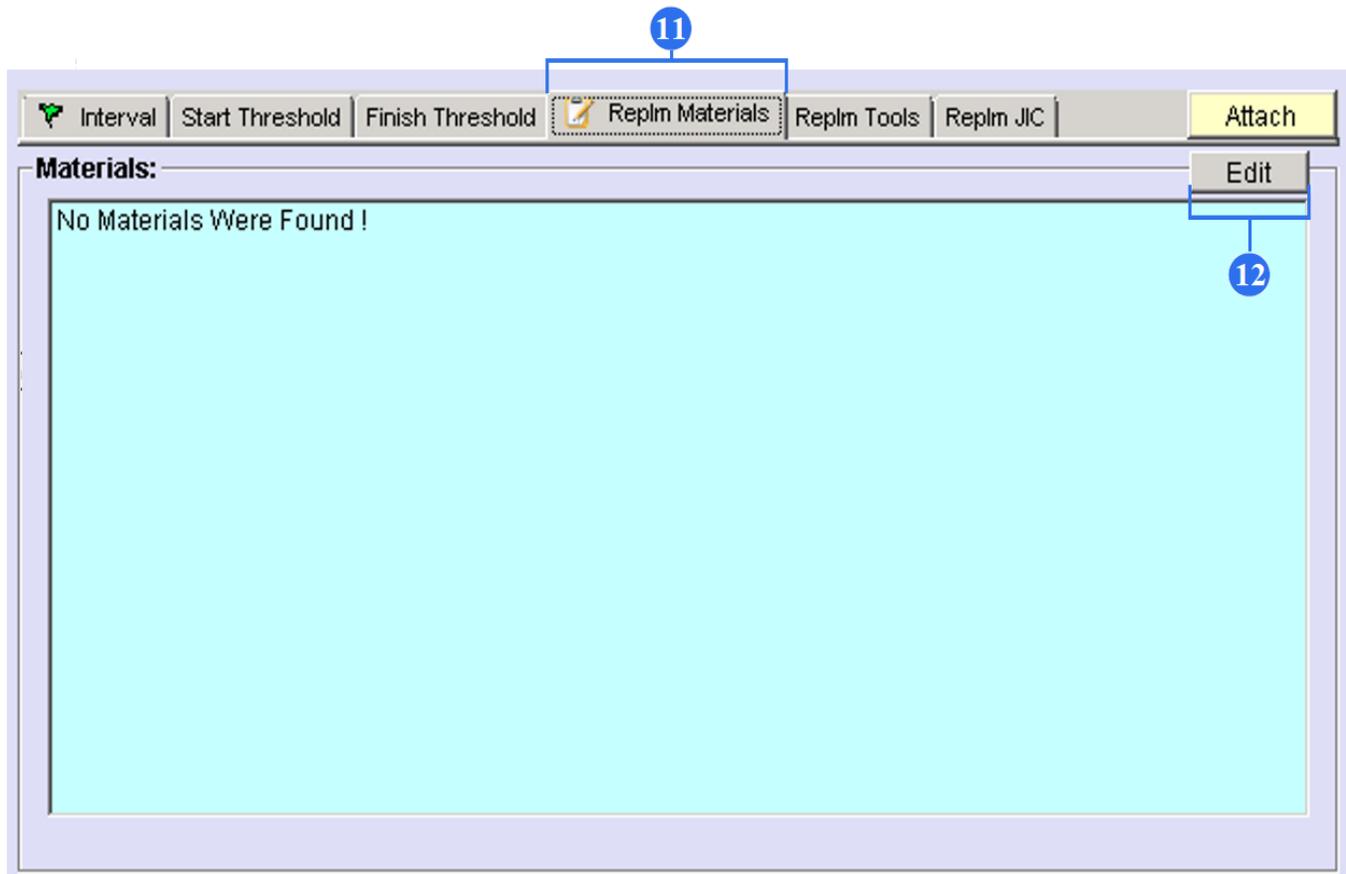
FH: FC: DY: MO: YR:  :Replacement Task Required

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

48 MJO 99-08-10-004

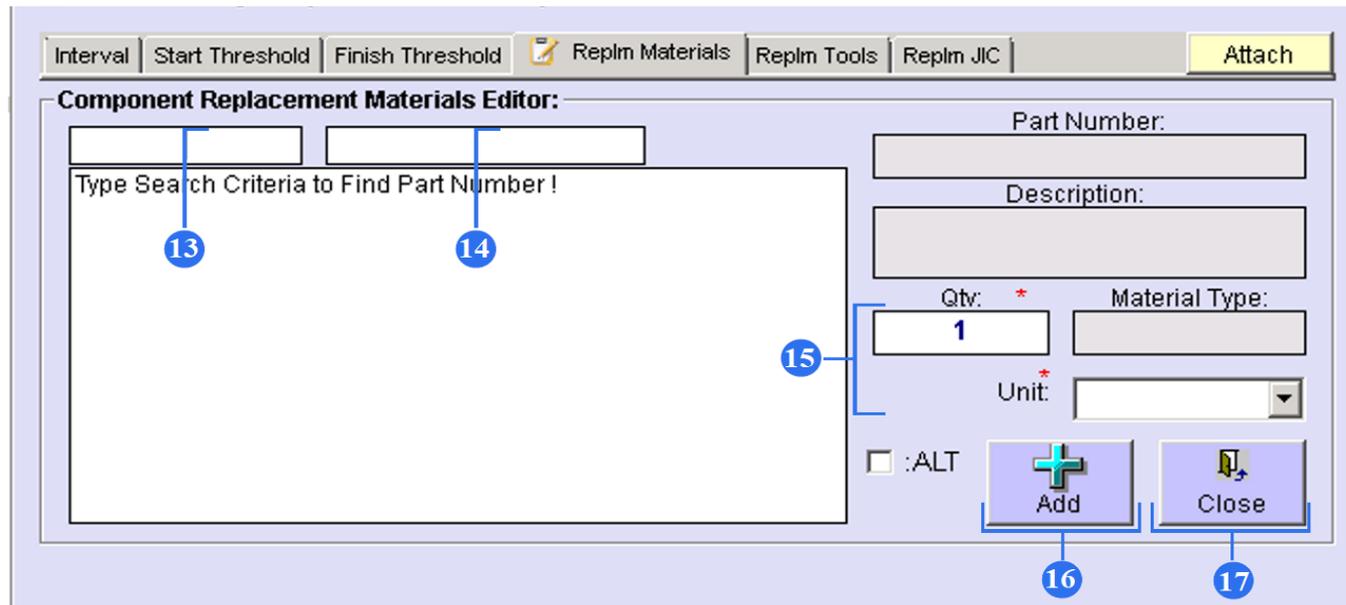
9. To set up a Start Threshold, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years). Only when the set parameters are reached, the task starts to be carried out.

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.



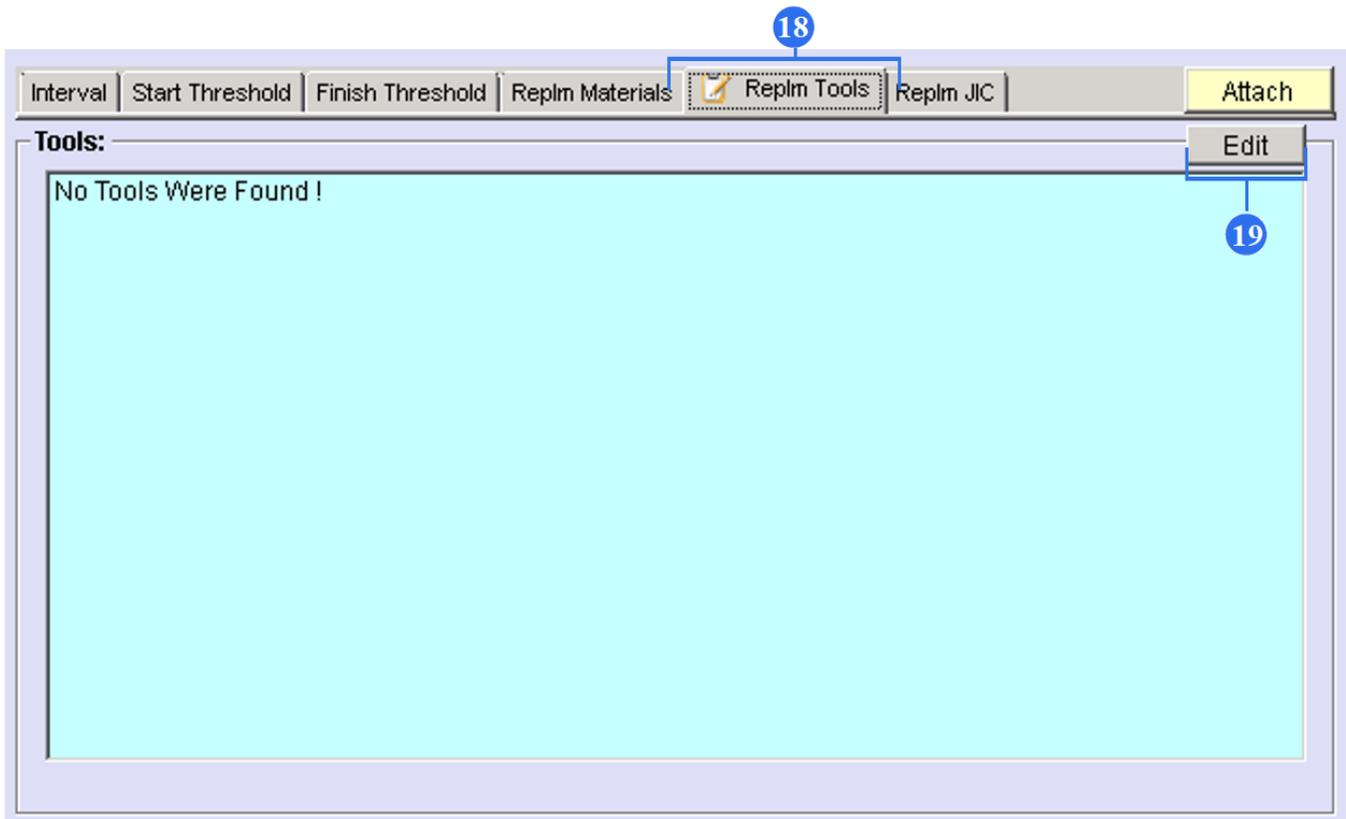
11. If it is necessary to add consumable materials during component maintenance push “Replm Materials”.

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



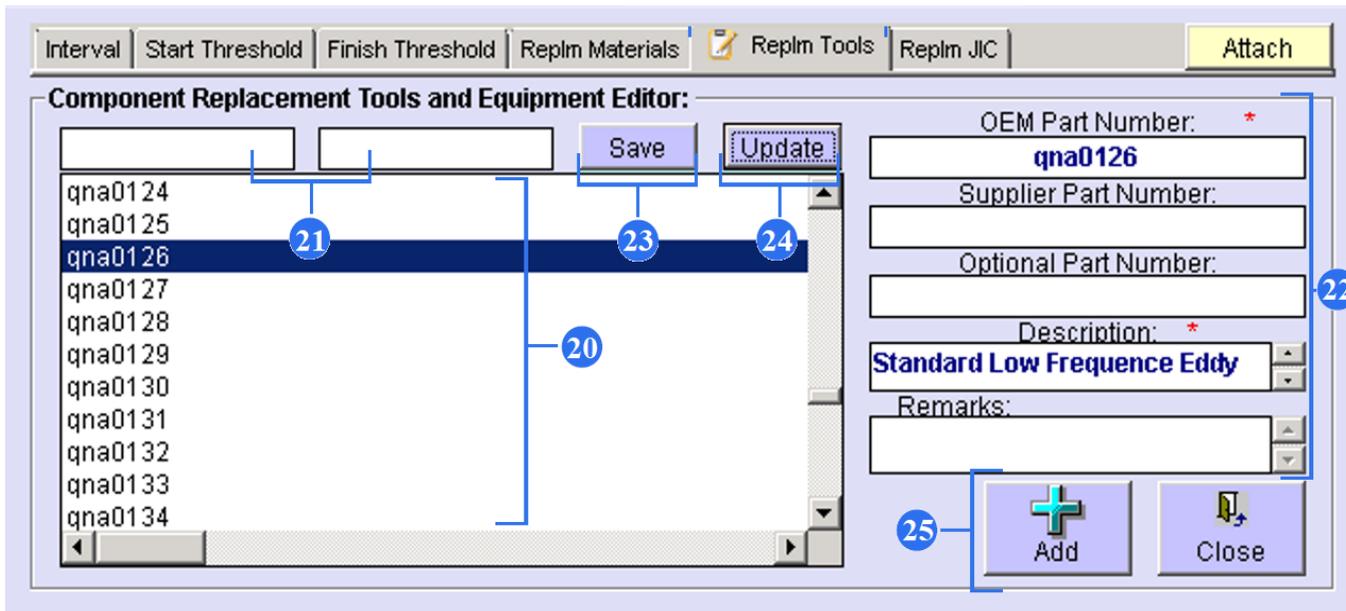
The screenshot shows the 'Component Replacement Materials Editor' window. At the top, there are tabs for 'Interval', 'Start Threshold', 'Finish Threshold', 'Replm Materials', 'Replm Tools', 'Replm JIC', and an 'Attach' button. The main area contains a search criteria input field with callout 13, a description input field with callout 14, a quantity input field with callout 15 (containing the number '1'), a material type input field, a unit dropdown menu, and an 'ALT' checkbox. At the bottom right, there are 'Add' and 'Close' buttons with callouts 16 and 17 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.

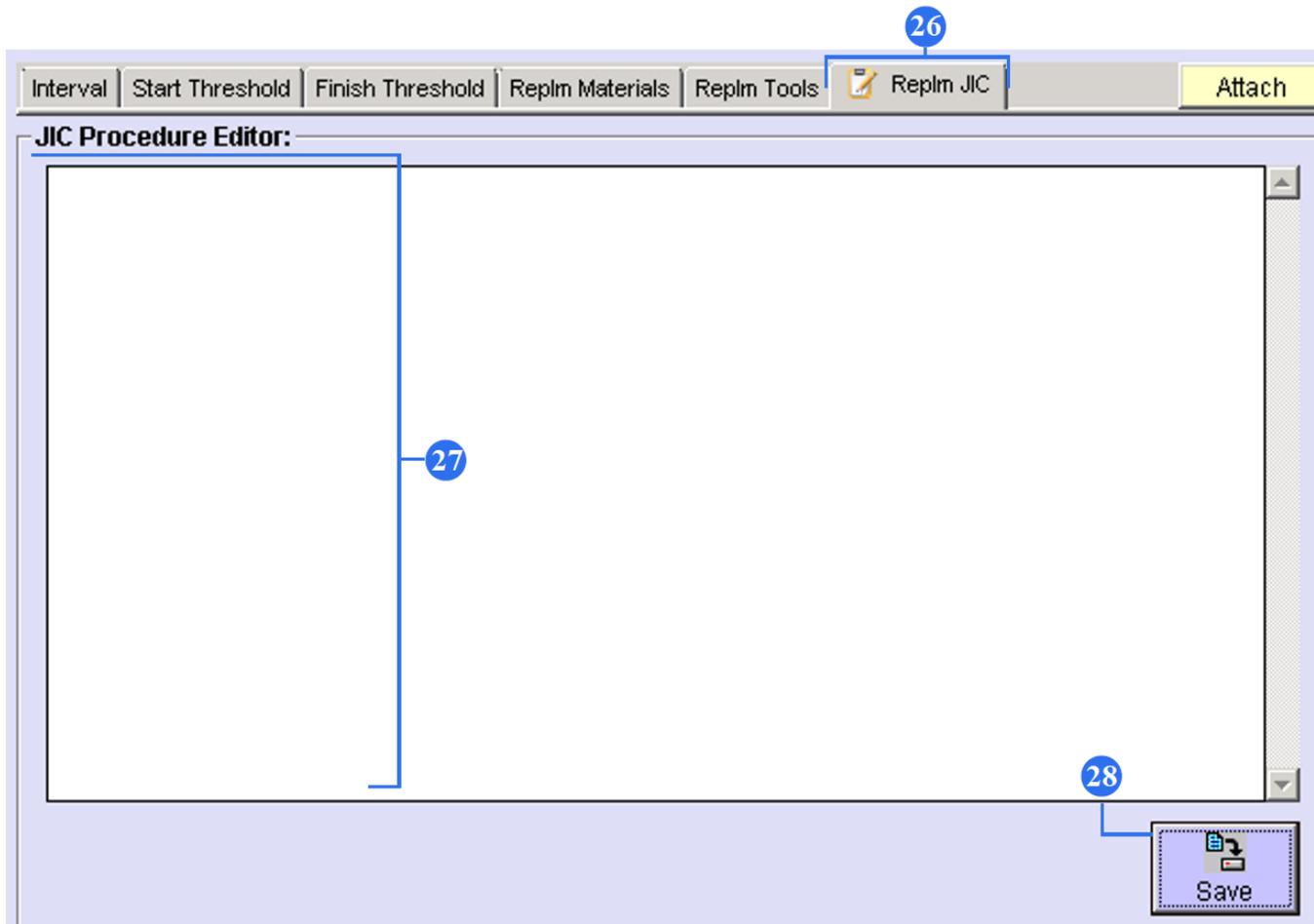
21. Use finder to look for the tool quickly.  
(Enter OEM P/N).

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):**

Treatment: \* Treatment Description: \*

HCT HYDROSTATIC TEST

Interval: \*

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

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

10 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	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 ATR 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):**

33 Treatment: \* 
 34 35 Treatment Description: \*

**Interval:** \*
   
 FH: 
 FC: 
 DY: 
 MO: 
 YR: 
 :Replacement Task Required
   
 AMM Reference:

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

**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;

36

The screenshot displays the Aircraft Maintenance Program (AMP) software interface. The main window is titled "Aircraft's Maintenance Program" and shows the "Part Maintenance Plan Editor (for Selected IPC Position)" for the selected AMP: B737-NG. The interface is divided into several panes:

- Part Effectivity, Maintenance Plan:** Shows a tree view of the maintenance plan. A new line (40) is highlighted in blue, representing a treatment added to the plan. The existing line (37) is also highlighted in blue.
- Part Maintenance Plan Editor:** Contains fields for "Treatment" (WCH), "Treatment Description" (WEIGHT CHECK), "Interval" (60), and "Associated TC Reference" (26-290-00-01). A blue circle (38) highlights the "Add" button.
- Part Effectivity:** Lists various part effectivity items with checkboxes. A blue circle (39) highlights the "Associated Treatments" section, which shows the treatment (4099 WRT WARRANTY) associated with the selected part effectivity.
- Positions:** Shows a list of positions for the selected aircraft (B737-NG; DEMO). A blue circle (40) highlights the "Positions" pane.

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

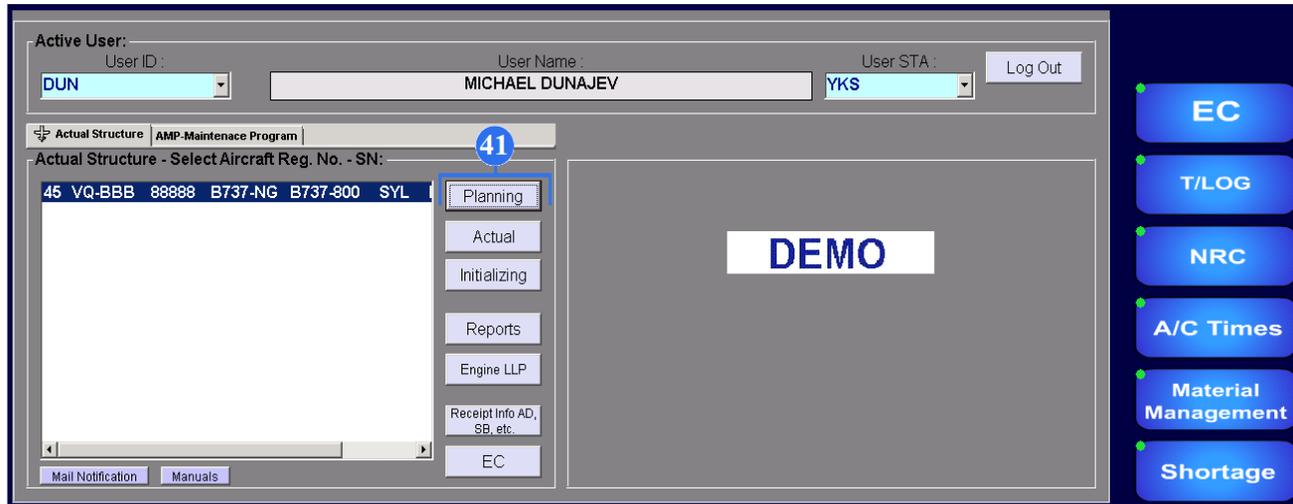
37. Highlight created treatment in the Part Maintenance Plan.

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.

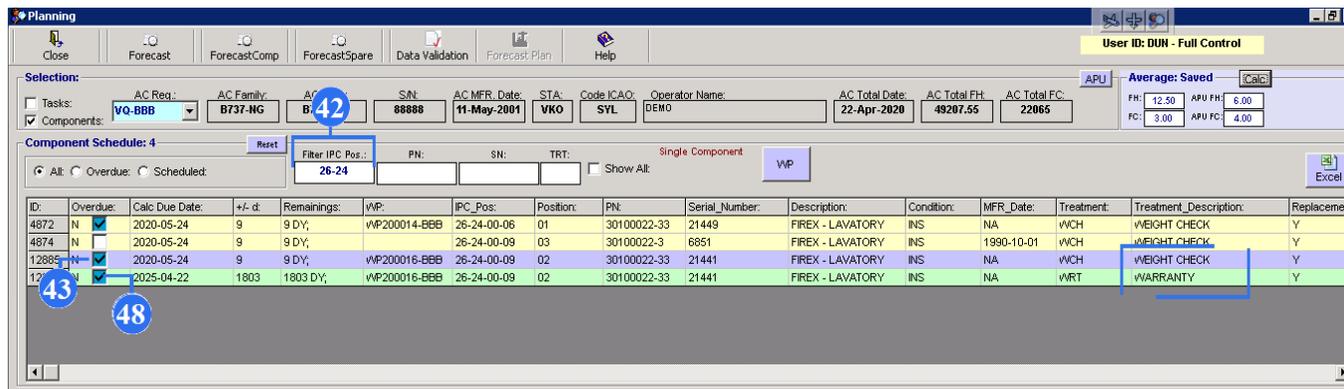


- EC
- T/LOG
- NRC
- A/C Times
- Material Management
- Shortage

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.



**Actual Component Editor**

**Selected Component:**

PN: 30100022-33 SN: 21441

IPC Position: 26-24-00-09 Pos.: 02 Position Description: LAVATORY "D" FIREX

AC MFR. Date: 11-May-2001 AC Reg.: VQ-BBB Total Date: 22-Apr-2020 Total FH: 49207.55 Total FC: 22065

**Component Editor** | Components EC

**Selected Component:**

**Part Effectivity, Maintenance Plan:**

- Part Effectivity:
  - Part Maintenance Plan:
    - 15063 WCH WEIGHT CHECK Associated TC Reference: (26-290-00-01); A/C Count: 1; Repetitive Interval: 60 MO;
    - 15065 WRT WARRANTY Associated TC Reference: (26-290-00-01); A/C Count: 1; Repetitive Interval: 60 MO;

**Treatment Data:**

AC Install Date: 22-Apr-2020 Install FH: 49207.55 FC: 22065

AC Total Date: 22-Apr-2020 Total FH: 49207.55 FC: 22065

**TREATMENT:** WRT

**REMAINS:** 1803

**AIRCRAFT NEXT DUE:** FH: FC: Date: 22-Apr-2025

**COMPONENT NEXT DUE:** FH: FC: Date: 22-Apr-2025

**TIME SINCE TREATMENT:** 0.00 0 1; MO

**Positions:**

VQ-BBB

Components Position Editor:

12885 26-24-00-09 02 LAVATORY "D" FIREX 30100022-33 21441 INS IN

TSI: 14293.44 FH; TSN: NA FH; TSO: NA FH; TSR: NA FH;

CSI: 4120 FC; CSN: NA FC; CSO: NA FC; CSR: NA FC;

Treatment: WCH WEIGHT CHECK; Task Reference: 26-290-00-01; Date Interval:

Treatment: WRT WARRANTY; Task Reference: 26-290-00-01; Date Interval: 60

UnLock

TSLC: CSCLC: FH: INTERVAL: Calendar: 0.00 0 0 60 MO

Compl. Date: 22-Apr-2020

MFR. Date: TSN: CSN: Calendar: NA NA NA NA

Save

Defer History Close

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.

**Planning**

User ID: DUN - Full Control

**Selection:**

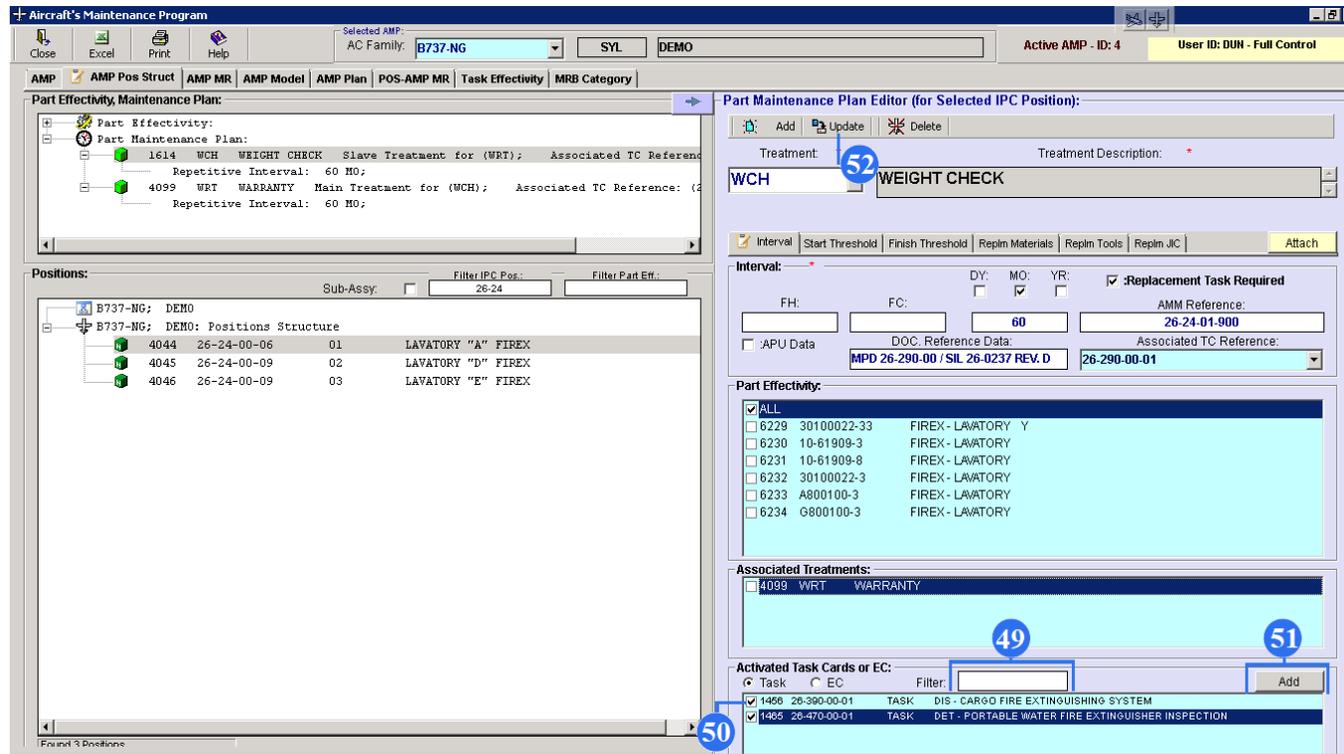
Tasks: VQ-BBB AC Reg.: B737-NG AC Family: B SN: 88888 AC MFR. Date: 11-May-2001 STA: VKO Code ICAO: SYL Operator Name: DEMO AC Total Date: 22-Apr-2020 AC Total FH: 49207.55 AC Total FC: 22065

Components: VQ-BBB

**Component Schedule: 4**

Filter IPC Pos.: 26-24

ID	Overdue	Calc Due Date	+/- d:	Remainings	WP	IPC Pos.	Position	PN	Serial Number	Description	Condition	MFR Date	Treatment	Treatment Description	Replacement
4872	N	2020-05-24	9	9 DY	WP200014-BBB	26-24-00-06	01	30100022-33	21449	FIREX - LAVATORY	INS	NA	WCH	WEIGHT CHECK	Y
4874	N	2020-05-24	9	9 DY	WP200014-BBB	26-24-00-09	03	30100022-33	6851	FIREX - LAVATORY	INS	1990-10-01	WCH	WEIGHT CHECK	Y
12885	N	2020-05-24	9	9 DY	WP200016-BBB	26-24-00-09	02	30100022-33	21441	FIREX - LAVATORY	INS	NA	WCH	WEIGHT CHECK	Y
12885	N	2025-04-22	1803	1803 DY	WP200016-BBB	26-24-00-09	02	30100022-33	21441	FIREX - LAVATORY	INS	NA	WRT	WARRANTY	Y



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

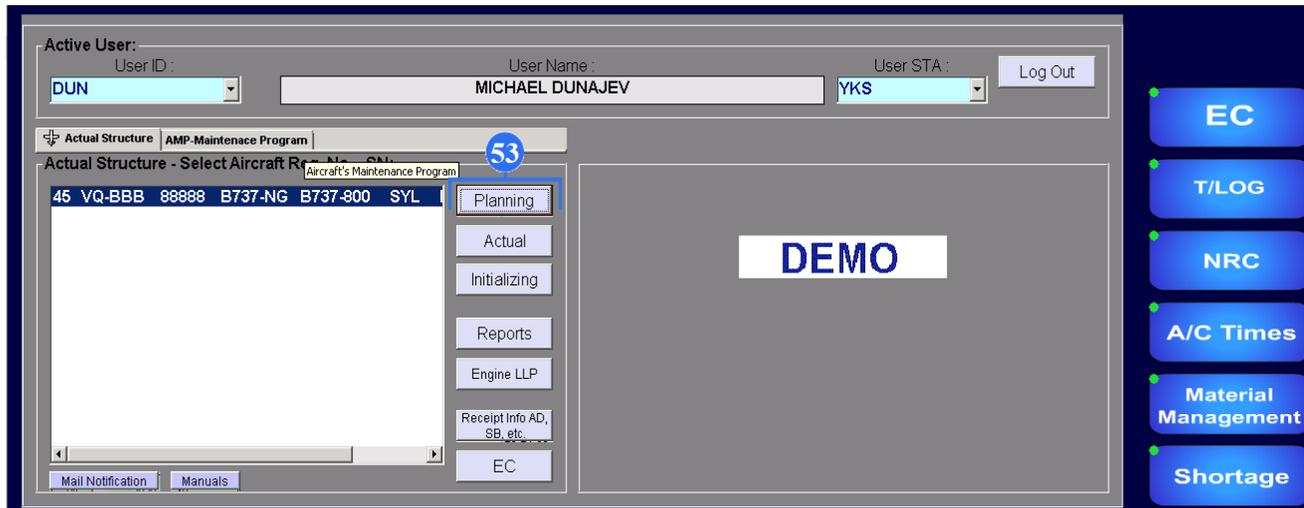
49. In the “Activated Task Cards or EC” editor use Filter field to enter task or EC. Push Enter button on your keyboard.

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

51. Click Add button.

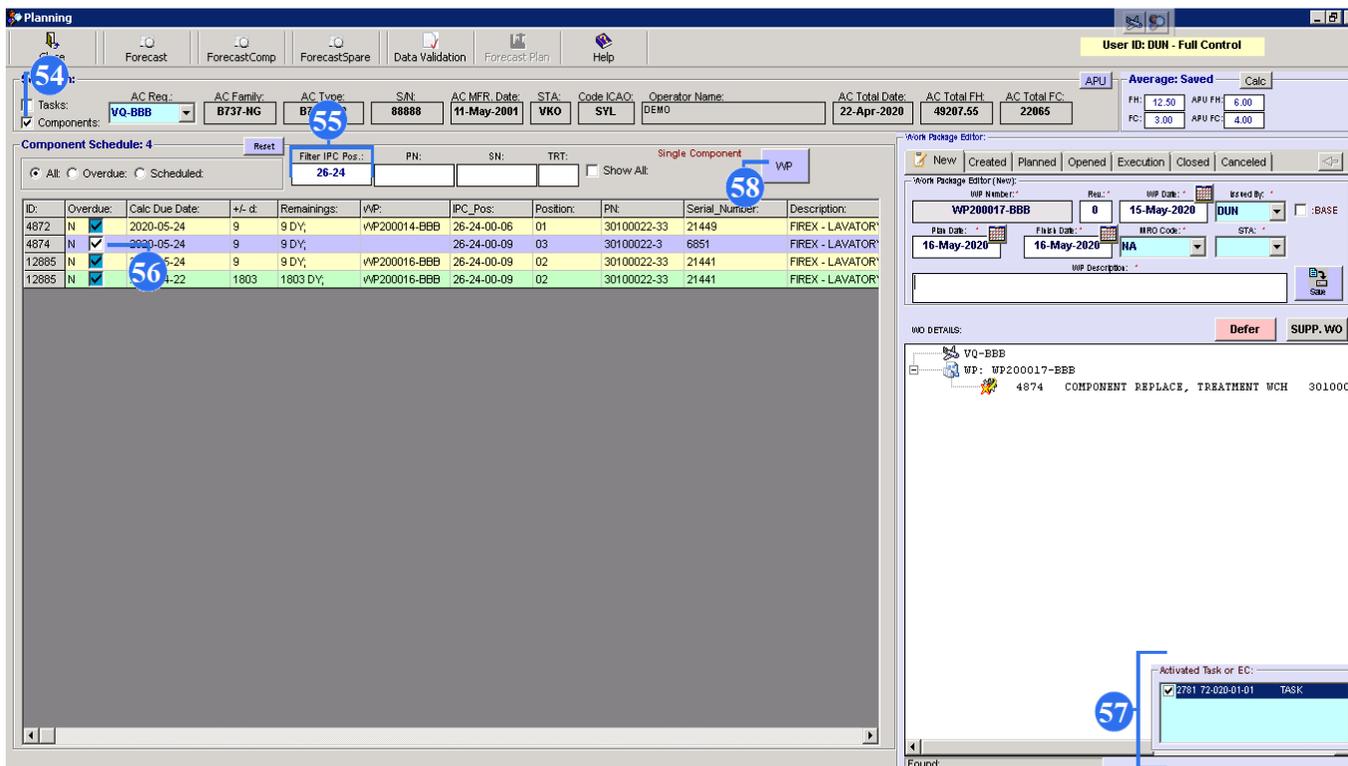
52. Don’t forget to push Update button.

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 displays the 'Planning' application window. At the top, the user is identified as 'User ID: DUN - Full Control'. The main interface is divided into several sections:

- Selection:** 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), Operator Name (DEMO), AC Total Date (22-Apr-2020), AC Total FH (49207.55), and AC Total FC (22065). A summary table shows Average Saved, Calc, FH (12.50), APU FH (6.00), FC (3.00), and APU FC (4.00).
- Component Schedule:** A table with columns for ID, Overdue, Calc Due Date, +/- d, Remains, W/P, IPC\_Pos, Position, PN, Serial Number, and Description. It lists four entries for 'FIREX - LAVATOR' tasks.
- Work Package Editor (WP Editor):** A 'New' tab is active, showing fields for WP Number (WP200017-BBB), Req. (0), WP Date (15-May-2020), and User (DUN). The description is 'TESTING'. A 'Save' button is highlighted with a blue circle labeled '59'.
- Activate Task Dialog:** A modal window titled 'Activate Task' is open, displaying a question mark icon and the text: 'Next Activated Tasks or EC Exist for one of Selected Component: TASK: 72-020-01-01'. Below this is a text box containing 'Confirm Add these Tasks or EC to WP !' and a blue circle labeled '60'. 'Yes' and 'No' buttons are at the bottom.
- WO DETAILS:** A tree view shows 'VQ-BBB' expanded to 'WP: WP200017-BBB', which contains a task entry: '4874 COMPONENT REPLACE, TREATMENT WCH 301000'.
- Activated Task or EC:** A small window at the bottom right shows a checked entry: '2781 72-020-01-01 TASK'.

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.

**Selection:**  
 AC Reg: VQ-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: 22-Apr-2020, AC Total FH: 49207.55, AC Total FC: 72065

**Component Schedule: 4**

ID	Overdue	Calc Due Date	+/- dt	Remainings	W/P	IPC_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	WP200017-BBB	26-24-00-09	03	30100022-3	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

**Work Package Editor:**  
 ID: WP200017-BBB  
 Description: REPETITIVE INSPECTION AND HINGES LUBRICATION OF ZELUS PASSENGER SEAT  
 TEST1  
 TEST TEST 1  
 TESTING

**WO DETAILS:**  
 WP: WP200017-BBB  
 80149 72-020-01-01 DET - LEFT ENGINE INLET A  
 4874 COMPONENT REPLACE, TREATMENT WCH 301

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

- W/P identifies Work Orders (WO) for performance of work required during the aircraft maintenance visit.
- 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.
- Any additional WO that Maintenance Organization may issue for rectification of technical defects experienced at completion of listed WO, have to be referenced in the Operator/WO.
- 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.
- 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.
- 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 D633A101-GEF, REV03A, 15SEP2019; AIPC D638A001-GEF-0123, REV 88, 15AUG2019; FIMD633A103-GEF, REV88A, 15SEP2019; SDS D633A101-GEF, REV68A, 15SEP2019; SRM D634A210, REV 67, 10JUL2019; SSM D280A212, REV104, 03SEP2019; WDM D280A112-GEF, REV 104, 03SEP2019; MP YAKUTIA PR-45-016, REV104, TR.3, AUG 23 2019

- 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	

- Tally List-Component Replacement WO.**

WO ID	Part Out	IPC Reference, Part Nomenclature	Completed: Date / Sign / Stamp
WO2000069-BBB	PN 30100022-3 SN 6851	IPC 26-24-00-09, FIREX - LAVATORY	Pos.:03

Aircraft Actual Structure

User ID: DUN - Full Control

Selection: 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: SYL Operator Name: DEMO

WP Completion: Select All WOs Close All Tasks Checks EC NRC ADD WO SUPPL. WO Filter ID Number: Filter WO:

ID	Comply	WVO	WVO_Source	ADD_WVO	Task	Task Title	Task Type	FH_Next_Due	FC_Next_Due
42627	<input checked="" type="checkbox"/>				Task	72-020-01-01 DET - LEFT ENGINE INLET AND FAN BLADES	DET.DV1	50386.4	

Work Package Info: WP Number: WP200017-BBB WP Date: 15-May-2020 Created By: DUN  
 Plan Date: 16-May-2020 Final Date: 16-May-2020 WRO Code: NA STA:   
 WP Description: TESTING  
 Cancel W/P Close W/P Comply W/P

WP Completion: Task's WO Completion Data: Compl. Date: 15/05/2020 Hour: 00 Minute: 00 Attach Comply  
 Mechanic ID: Action Note: Deter TC

Component's WO Completion Data: Compl. Date: 15/05/2020 Hour: 00 Minute: 00 Attach Comply  
 Replacement  
 Treatment Update  
 Mechanic ID: Action Note: Deter Comp Add W/O

WP Components:

ID	Comply	WVO	WVO_Source	ADD_WVO	IPC_Pos	Position	Pos_Description	PN	Serial Number	Description	Batch
42626	<input checked="" type="checkbox"/>					26-24-00-09	03 LAVATORY "E" FIREX	30100022-3	6851	FIREX - LAVATORY	00498

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.

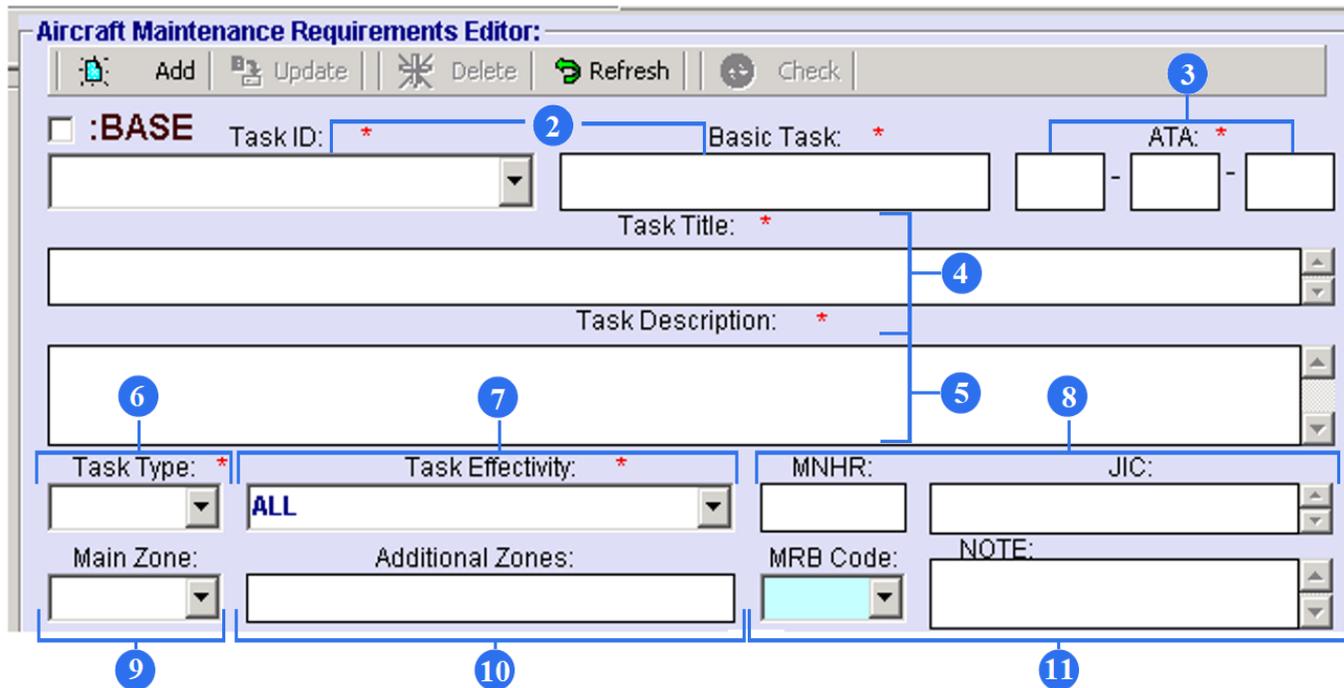
## 5. AMP Maintenance Requirements

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' application. The 'AMP MR' tab is highlighted with a blue circle and the number '1'. The main window displays a table of maintenance requirements with columns for ID, ATA, TASK, BASIC\_TASK, JIC, and TASK\_Title. The right-hand pane is the 'Aircraft Maintenance Requirements Editor', which includes fields for Task ID, Basic Task, ATA, Task Title, Task Type, Task Effectivity, MNHR, JIC, Main Zone, Additional Zones, MRB Code, and NOTE. There are also sections for Interval, 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. FLAP
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.



The screenshot shows the 'Aircraft Maintenance Requirements Editor' interface. It features a toolbar with 'Add', 'Update', 'Delete', 'Refresh', and 'Check' buttons. The form includes several input fields and dropdown menus, each with a numbered callout (1-11) indicating a step in the process:

- 1: A checkbox labeled ':BASE'.
- 2: 'Task ID:' field with an asterisk.
- 3: 'ATA:' field with an asterisk, consisting of three boxes separated by dashes.
- 4: 'Task Title:' field with an asterisk.
- 5: 'Task Description:' field with an asterisk.
- 6: 'Task Type:' dropdown menu.
- 7: 'Task Effectivity:' dropdown menu, currently showing 'ALL'.
- 8: 'MNHR:' and 'JIC:' input fields.
- 9: 'Main Zone:' dropdown menu.
- 10: 'Additional Zones:' input field.
- 11: 'MRB Code:' dropdown menu and 'NOTE:' input field.

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.

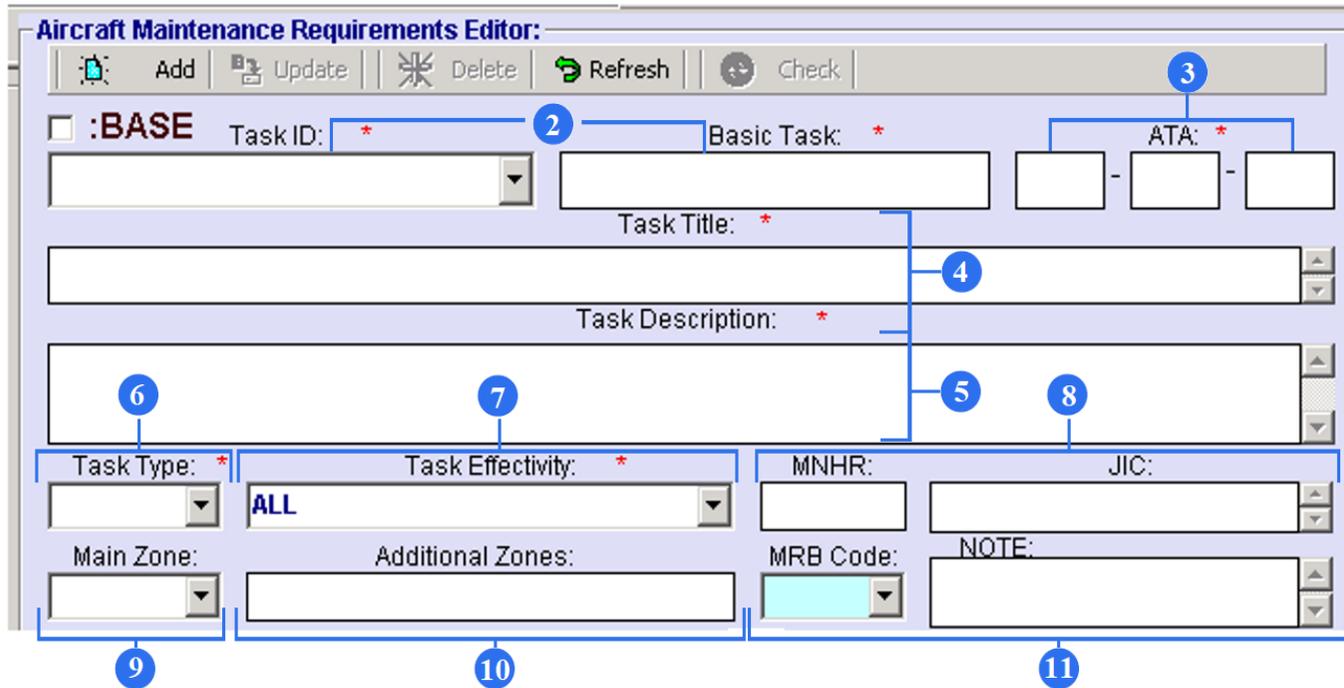
5. Write down a short task description.

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, there 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 callout '2'. The 'Basic Task' field is also marked with a red asterisk. The 'ATA' field is marked with a red asterisk and has a blue callout '3'. The 'Task Title' field is marked with a red asterisk and has a blue callout '4'. The 'Task Description' field is marked with a red asterisk and has a blue callout '5'. The 'Task Type' field is marked with a red asterisk and has a blue callout '6'. The 'Task Effectivity' field is marked with a red asterisk and has a blue callout '7'. The 'MNHR' field has a blue callout '8'. The 'JIC' field has a blue callout '9'. The 'Main Zone' field has a blue callout '9'. The 'Additional Zones' field has a blue callout '10'. The 'MRB Code' field has a blue callout '11'. The 'NOTE' field has a blue callout '11'.

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 image displays three screenshots of a software interface for aircraft maintenance tasks, each with numbered callouts:

- 12:** Points to the 'Interval' tab in the top navigation bar.
- 13:** Points to the 'Interval:' section header.
- 14:** Points to the 'DY: MO: YR:' input fields.
- 15:** Points to the 'DOC. Reference Data:' input field.
- 16:** Points to the checkboxes for ':Whichever Comes Last' and ':Completed By Component Replm.'.
- 17:** Points to the 'Start Threshold' tab in the top navigation bar.
- 18:** Points to the 'Start Threshold:' section header and its associated input fields.
- 19:** Points to the 'Finish Threshold' tab in the top navigation bar.
- 20:** Points to the 'Finish Threshold:' section header and its associated input fields.

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 image displays three sequential screenshots of a software interface for setting maintenance thresholds. Each screenshot shows a tabbed menu at the top with options: Interval, Start Threshold, Finish Threshold, Tolerance, Instructions, Post Threshold, and LUMP.

- First Screenshot (Interval tab):**
  - Callout 12 points to the 'Interval' tab.
  - Callout 13 points to the 'Interval:' label.
  - Callout 14 points to the 'DY: MO: YR:' input fields.
  - Callout 15 points to the 'DOC. Reference Data:' input field.
  - Callout 16 points to the checkboxes for ':Whichever Comes Last' and ':Completed By Component Replm.'.
  - Callout 17 points to the 'Interval' tab.
- Second Screenshot (Start Threshold tab):**
  - Callout 18 points to the 'DY: MO: YR:' input fields.
  - Callout 19 points to the 'Finish Threshold' tab.
- Third Screenshot (Finish Threshold tab):**
  - Callout 20 points to the 'DY: MO: YR:' input fields.

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:** \*

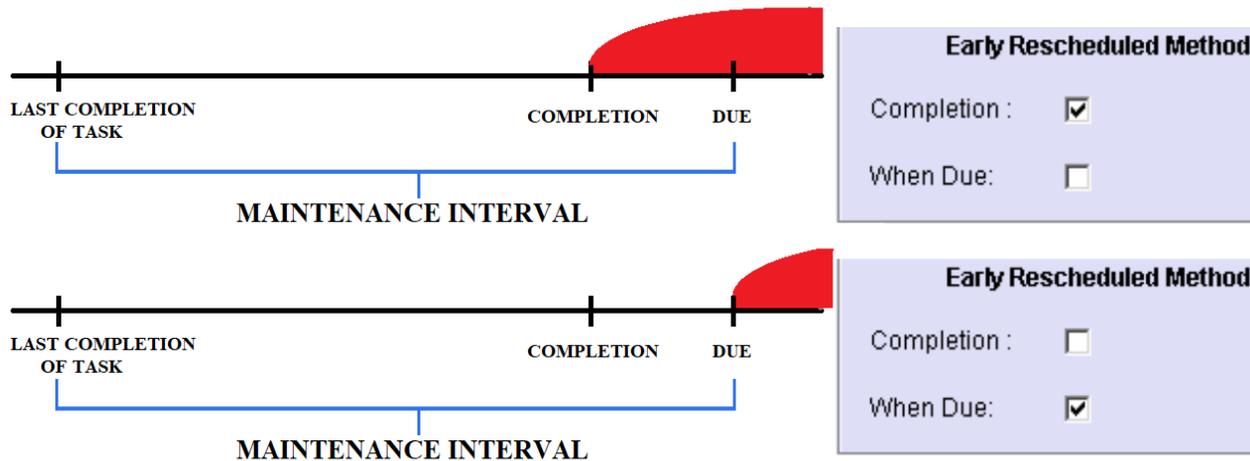
**Early Rescheduled Method:**

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

Selection:  Tasks;  Components

AC Req: VO-BBB    AC Family: B737-NG    AC Type: B737-800    SN: 88888    AC MFR. Date: 11-May-2001    STA: VKO    Code (CAO): SYL    Operator Name: DEMO    AC Total Date: 22-Apr-2020    AC Total FH: 49207.55    AC Total FC: 22065

APU: Average: Saved    Calc

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

AC Sched: found 808    MAND-LIM:    MAJOR:    FLS-58    FLS-75    Columnz    Reset

Filter ID-Number:    Filter WP/WO:    VWP

ID	Overdue	Sch	Calc Due Date	+/- d	Remainings	Type	D-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	

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.

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

**POST THRESHOLD INTERVALS FOR STRUCTURES AND ZONAL TASKS :**

Switching FH:	Switching Calendar:	POST Switching Interval:	
<input type="text"/>	DY: MO: YR:	FH: DY: MO: YR:	<input type="text"/>
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Switching FC:	<input type="text"/>	EC:	<input type="text"/>
<input type="text"/>			

Save Delete

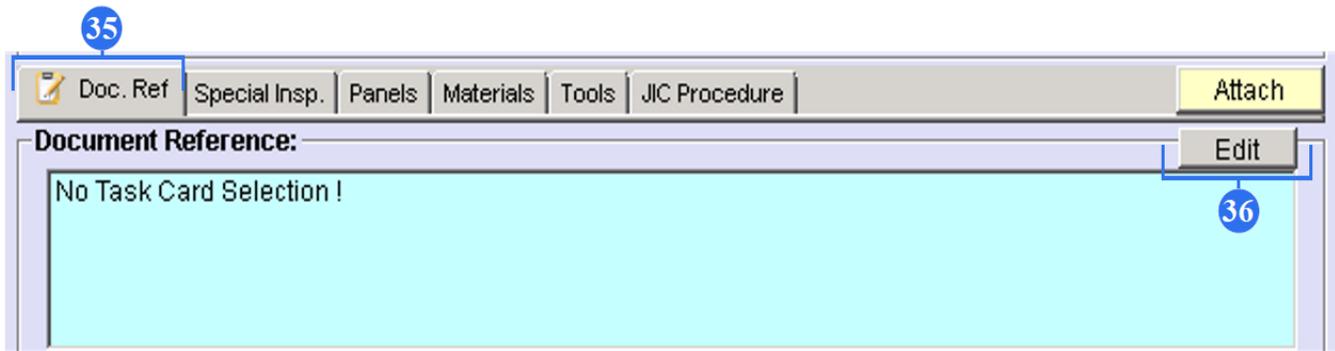
Tick the 'Completed By Component Replm' field, if component replacements are required for the task completion.

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

**Interval - Low Utilization MP:**

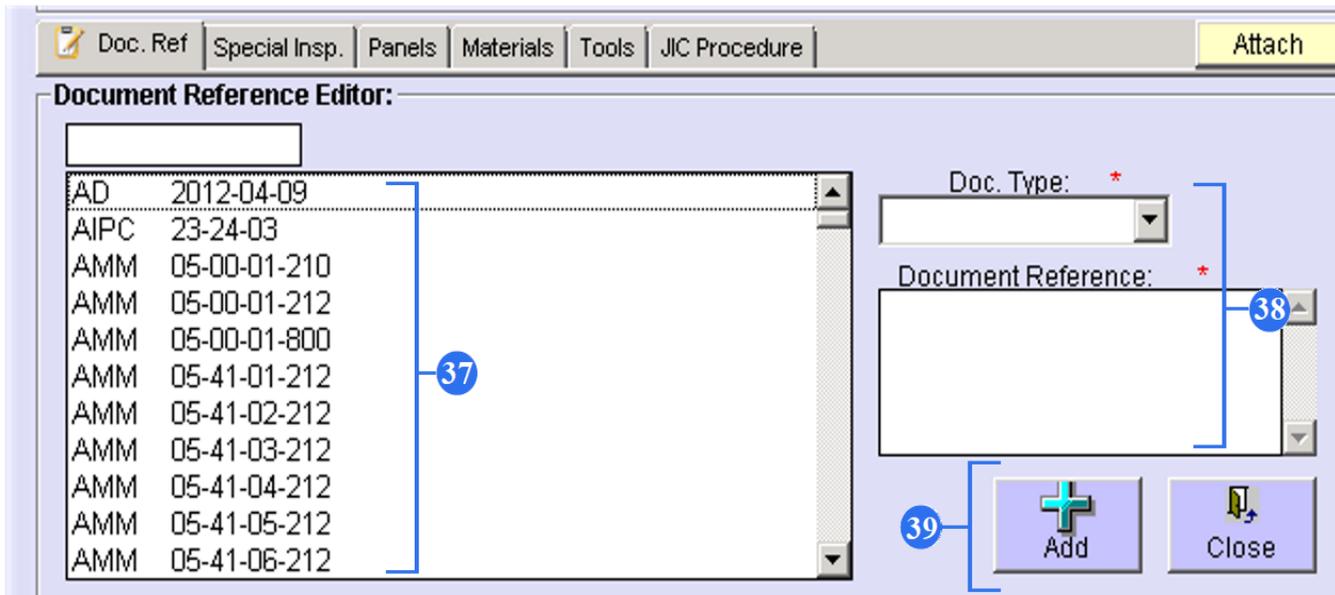
FH:	FC:	DY: MO: YR:	<input type="checkbox"/> :Whichever Comes Last	Save
<input type="text"/>	<input type="text"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> :Completed By Component Replm.	
			Reference:	
	DOC. Reference Data:		<input type="text"/>	

34. Push "Save" button.



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

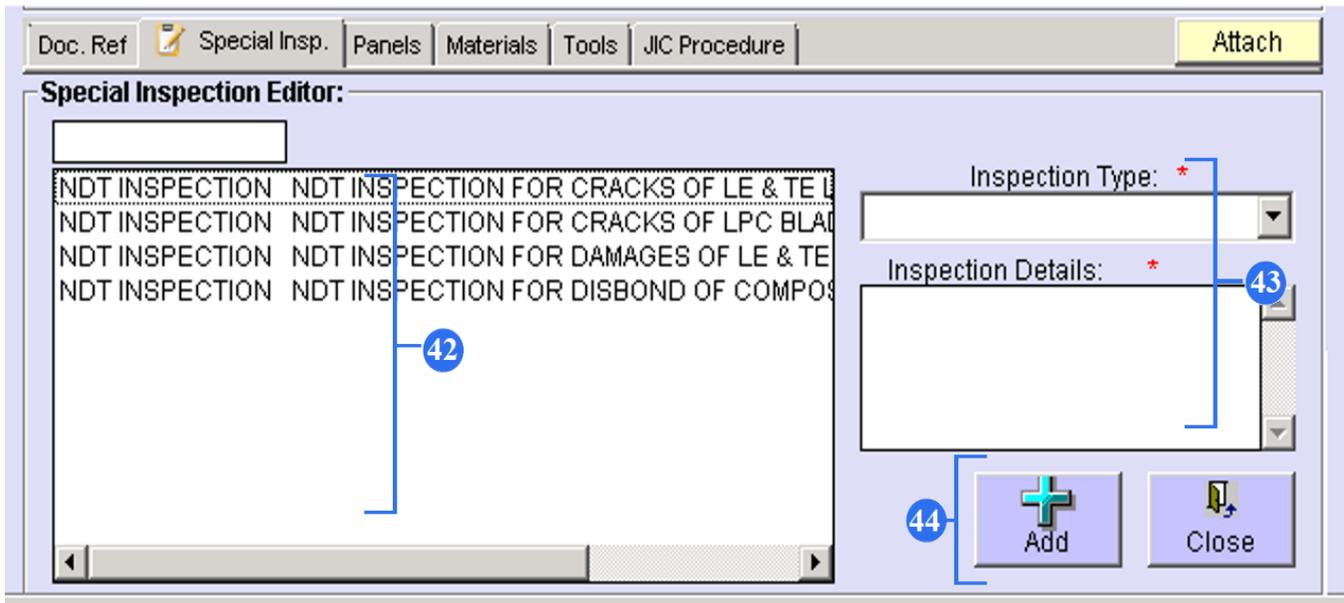
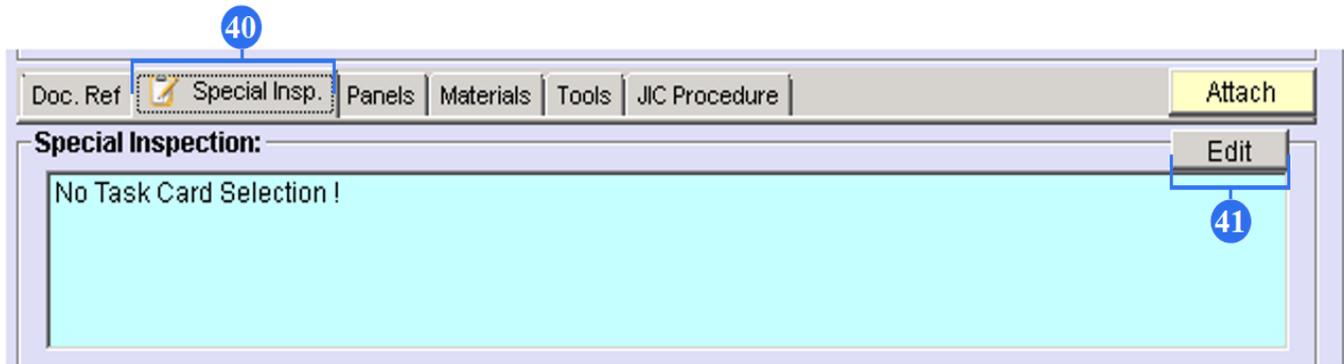
36. To open Document Reference editor push “Edit” button.



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

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

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



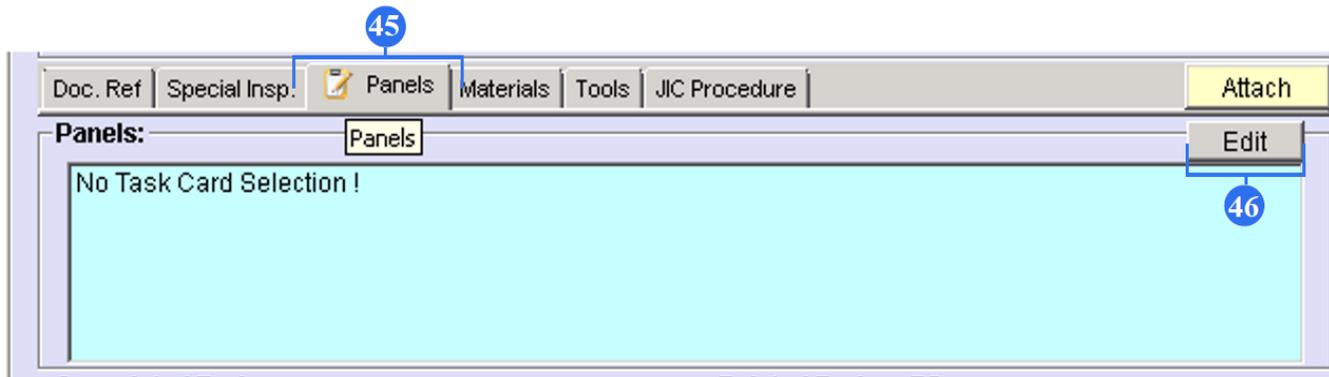
40. If it is necessary to add special inspections push “Special Insp”.

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

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

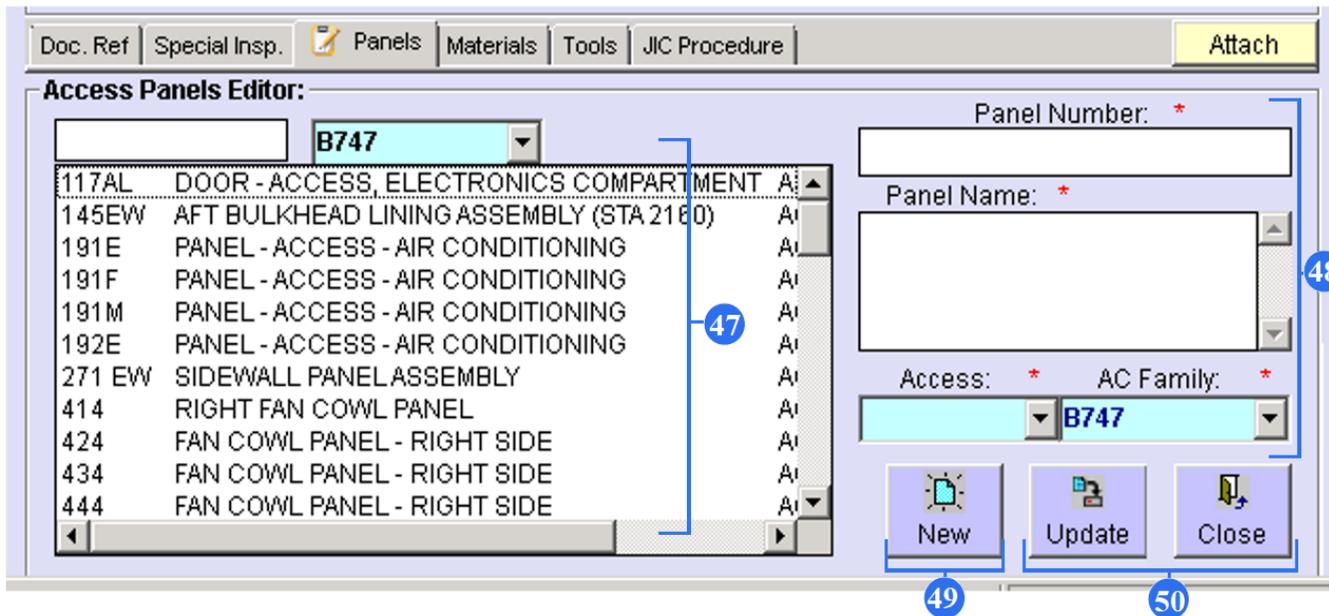
43. If a document is absent in the list, enter type of an inspection and inspection details.

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



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

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

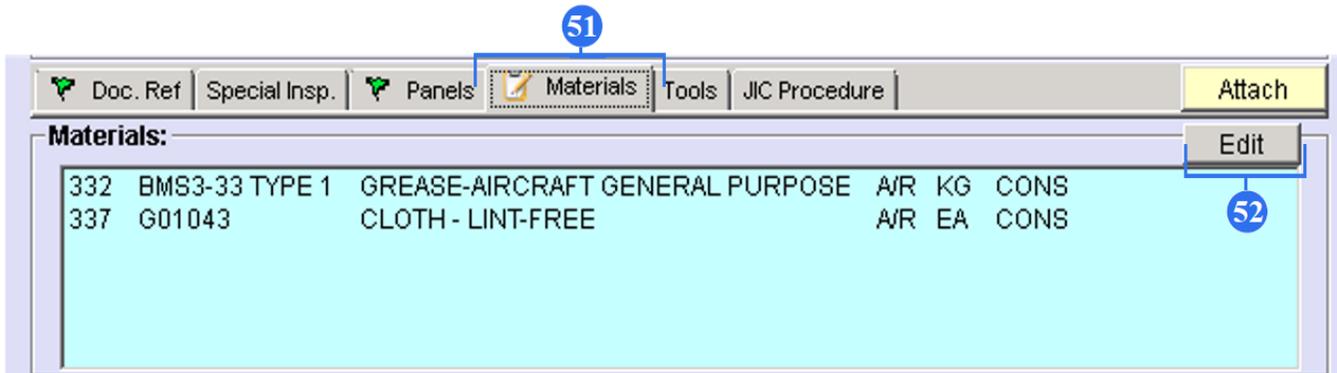


47. From the whole list select corresponding panels and click two times.

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

44. Push “New” button to save data.

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

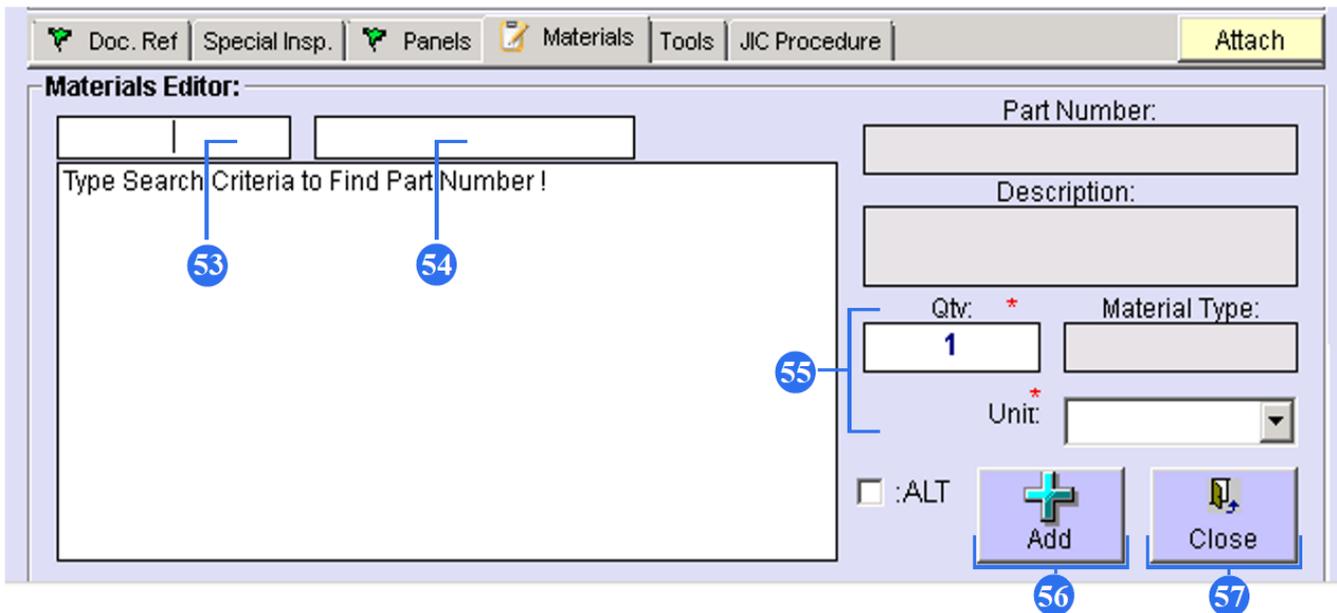


51. If it is necessary to add materials push “Materials”.

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

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

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



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

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

56. Push “Add” button to save data.

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

The screenshot shows the ALASKAR Technologies web interface. At the top, it says "ALASKAR Technologies 7.2.20 IT solutions for airlines and MRO companies". Below this is a navigation bar with "Logged in as DEMO" and various menu items like "Time Sheet", "SMS", "Settings", "Backup", "Users Registration", "File Storage", "Help", and "Exit".

The main content area is titled "Webtop" and contains several application tiles: "Archive", "Fan Blades Damage", "Aircraft Registration Webtop", "Stations Registration Webtop", "TLOG", and "Logistic". The "Logistic" tile is highlighted with a blue box and a circled number 58.

Below the webtop is the "LOGISTIC" module interface. It has a header with "ALASKAR Technologies v 7.2.20" and "LOGISTIC 59". The interface includes filters for "AC Reg:" (VQ-BBB), "Task:" (23-100), "Type:" (All), "Period:" (2 Weeks), and "Date:". There is also an "EXCEL" button.

ID	TASK	AC REG	REMAININGS	+/- D	CALC DUE DATE	OVERDUE	TYPE	PN
86931	23-100-00-01	VQ-BBB	5819.05 FH; 354 DY;	3	2020-09-05	N	TASK	BMST001-11
<input type="checkbox"/>	2858	REPLACEMENT FOR OH, IPC POS: 32-11-61-03-95 LH; PN: 161A2330-2; SN: E1645	VQ-BBB	12497 FC; 1 DY;	1	2020-09-03		
<input type="checkbox"/>	2858	REPLACEMENT FOR OH, IPC POS: 32-11-61-03-95 LH; PN: 161A2330-2; SN: E1645	VQ-BBB	12497 FC; 1 DY;	1	2020-09-03		
<input type="checkbox"/>	2858	REPLACEMENT FOR OH, IPC POS: 32-11-61-03-95 LH; PN: 161A2330-2; SN: E1645	VQ-BBB	12497 FC; 1 DY;	1	2020-09-03		
<input type="checkbox"/>	2858	REPLACEMENT FOR OH, IPC POS: 32-11-61-03-95 LH; PN: 161A2330-2; SN: E1645	VQ-BBB	12497 FC; 1 DY;	1	2020-09-03		
<input type="checkbox"/>	2858	REPLACEMENT FOR OH, IPC POS: 32-11-61-03-95 LH; PN: 161A2330-2; SN: E1645	VQ-BBB	12497 FC; 1 DY;	1	2020-09-03		

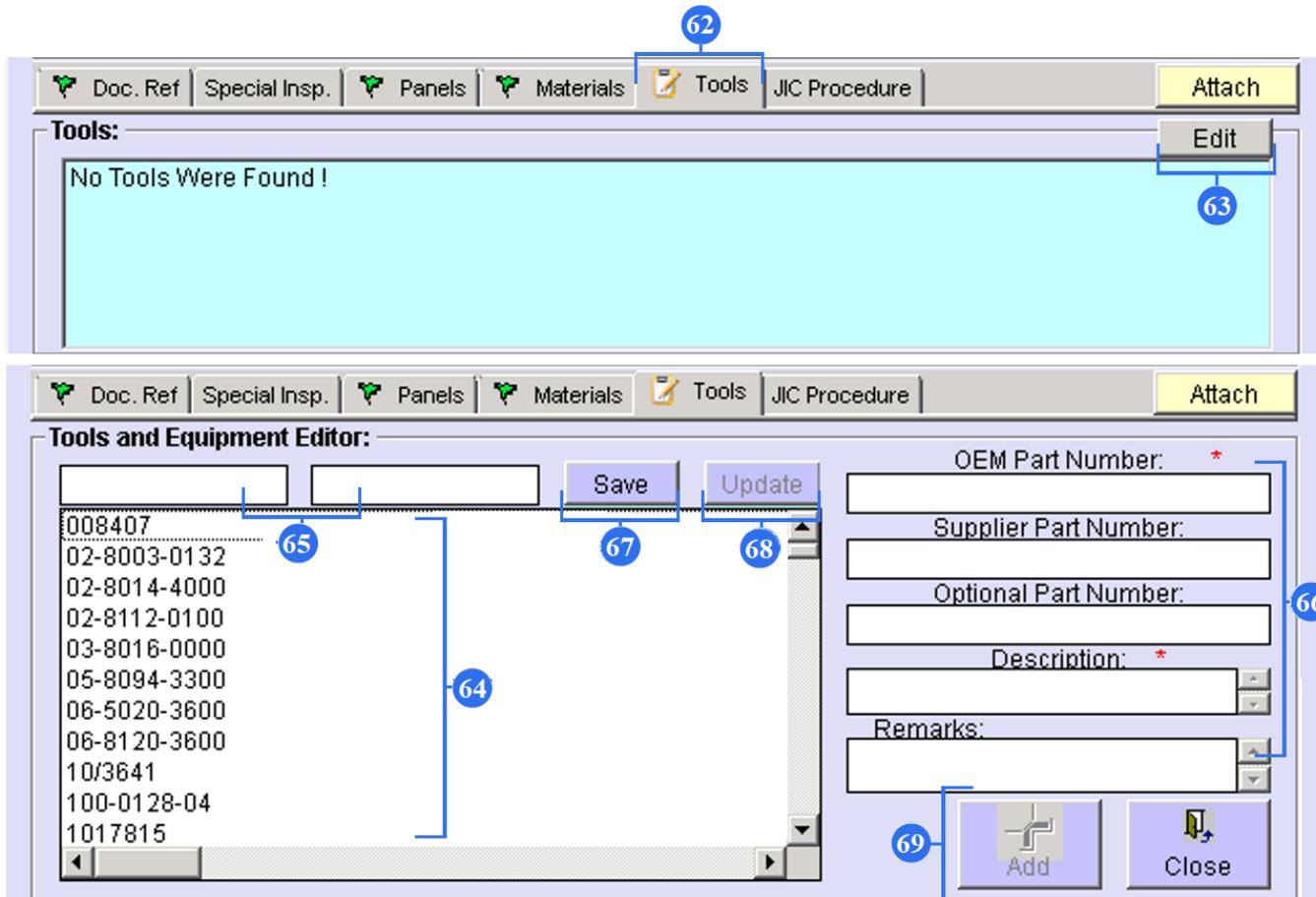
At the bottom of the table, it says "Total: 1" and "Show Legend".

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

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

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

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



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

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

64. From the whole list select associated tool.

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

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

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

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

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

**WORK PACKAGE TOOL LIST**

From Change Date: 01.08.2020 AcReg: [dropdown]

ID:	Work Package:	Ac.Reg.:	Description:	Date:	Issued By:	Calibration Expire Date:
14074	WP200264-BVI	VQ-BVI	DOWNLOADING AUDIO DATA FROM A COCKPIT VOICE RECORDER	02.09.2020	GOR	15.10.2018
14073	WP200239-BVJ	VQ-BVJ	DOWNLOADING AUDIO DATA FROM A COCKPIT VOICE RECORDER	02.09.2020	GOR	
14072	WP200238-BNS	VP-BNS	DOWNLOADING AUDIO DATA FROM A COCKPIT VOICE RECORDER	02.09.2020	GOR	
14071	WP200310-BIO	VP-BIO	NRC 2005108 DURING MNT FOUND HORIZ STABILAZER POSITION MA...	01.09.2020	ZAM	
14069	WP200309-BIO	VP-BIO	FMC CDU	01.09.2020	ZAM	
14067	WP200496-BOY	VQ-BOY	RAMP CHECK	01.09.2020	ZAM	
14066	WP200307-BVH	VQ-BVH	COMPONENT PHOTOGRAPHY	01.09.2020	SHI	

Records: 118

**Instrument Requirements:**

Aircraft:	Description:	OEM PN:	Supplier PN:	Optional PN:	Remarks:
VQ-BOY	SET - PRINT, IDENTIFICATION	856A2683G01	58828	856A1364G02	SET - PRINT, IDENTIFICA...
VQ-BOY	LENS - MAGNIFYING, 10X, HAND HELD	STD-1070			
VQ-BOY	SOURCE - AIR, REGULATED, DRY FILTERED, 0-30 PSIG	STD-1280			
VQ-BOY	SET - PRINT, IDENTIFICATION	856A2683G01	58828	856A1364G02	SET - PRINT, IDENTIFICA...
VQ-BOY	LENS - MAGNIFYING, 10X, HAND HELD	STD-1070			
VQ-BOY	SOURCE - AIR, REGULATED, DRY FILTERED, 0-30 PSIG	STD-1280			

Records: 6

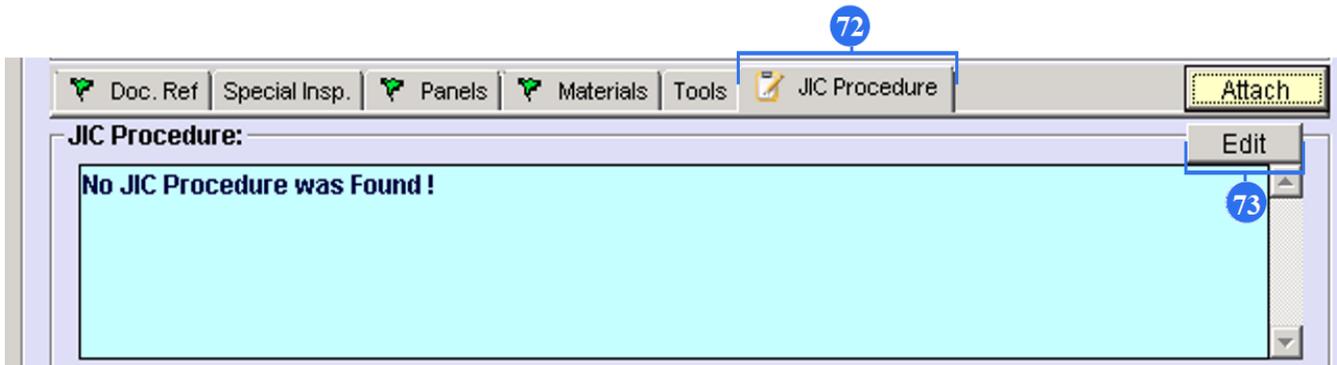
Records: 266

User: DUN Permission: Full

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

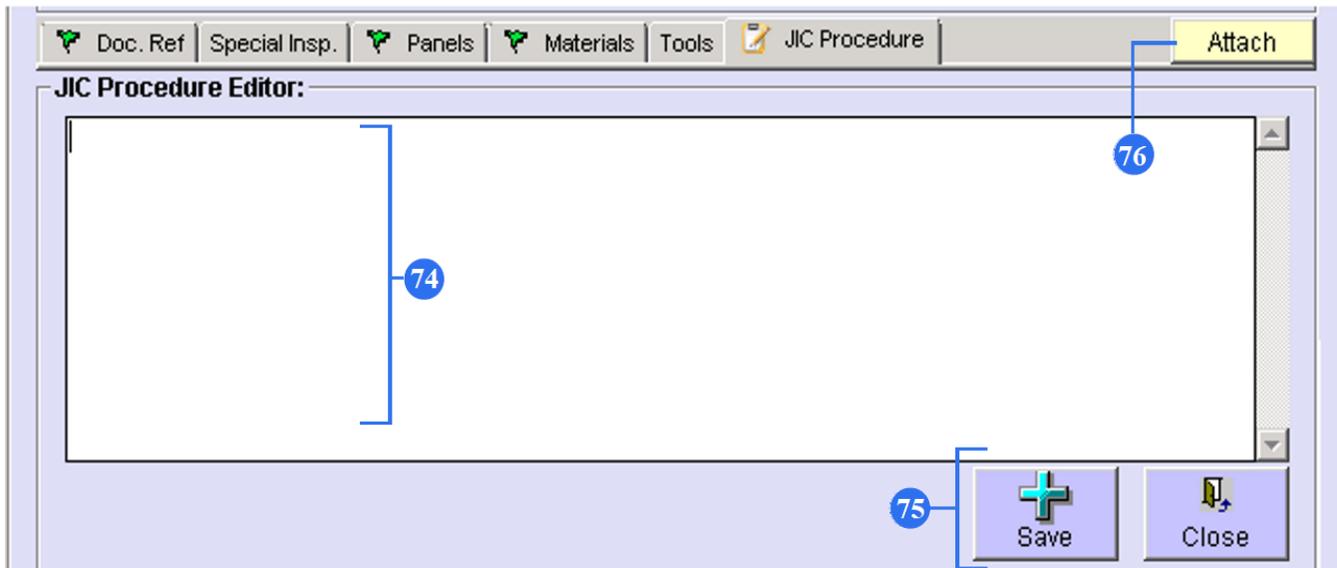
71. From the whole list select necessary Work Package and highlight it. WPs are created in the “Planning” submodule.

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



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

73. To open JIC editor click on the Edit.



74. Use the field to create job instruction.

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

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

The screenshot shows the 'Aircraft Maintenance Requirements Editor' interface. At the top, there is a toolbar with buttons for 'Add', 'Update', 'Delete', 'Refresh', and 'Check'. Callout 78 points to the 'Add' button. Below the toolbar, there is a form with several fields: a checkbox labeled ':BASE' (callout 77), 'Task ID: \*' (12-028-00-01), 'Basic Task: \*' (12-028-00), 'ATA: \*' (12), and 'Task Title: \*' (FLIGHT CONTROL CABLES - LEFT). Below the task title is a large text area for 'Task Description: \*' containing the text 'FLIGHT CONTROL CABLES - LEFT. NON-SOLVENT CLEAN AND LUBRICATE THE AILERON, ELEVATOR, RUDDER AND SPOILER/SPEEDBRAKE FLIGHT CONTROL CABLES IN PRESSURIZED AREAS AND THE'. Below the description are fields for 'Task Type: \*' (SVC), 'Task Effectivity: \*' (ALL), 'MNHR:' (6), and 'JIC:'. Below these are 'Main Zone:' (100), 'Additional Zones:' (100; 200; 300; 325; 335; 345), 'MRB Code:' (6,9), and 'NOTE:'. At the bottom, there is a row of buttons: 'Interval', 'Start Threshold', 'Finish Threshold', 'Tolerance', 'Instructions', 'Post Threshold', and 'LUMP'. Callout 79 points to the 'Update' button, and callout 80 points to the 'Check' button.

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

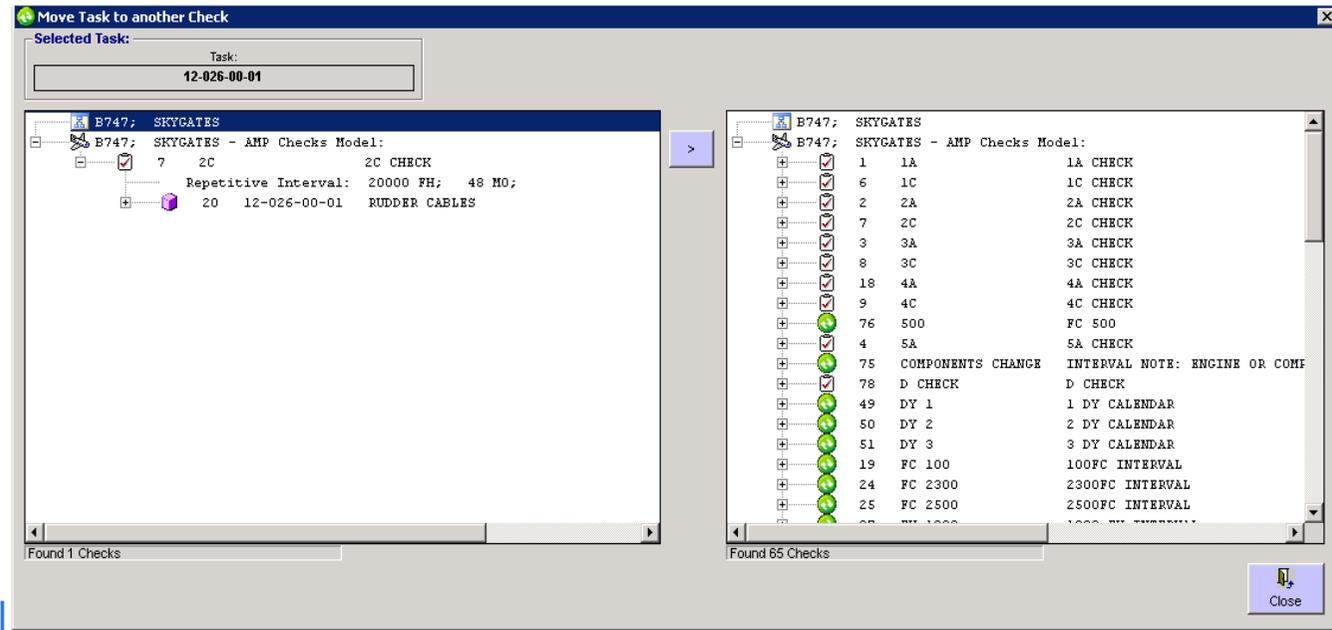
78. Click on the Add to save entered data.

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

To remove the data use "Delete" button.

If you want to reset data click on the Refresh.

80. Push "Check" button to open editor.



81

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

This editor is only suitable for specific task enter.

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

The screenshot displays the Aircraft Maintenance Program (AMP) software interface. At the top, there are tabs for 'AMP Pos Struct', 'AMP MR', 'AMP Model', 'AMP Plan', 'POS-AMP MR', 'Task Effectivity', and 'Interval'. The 'Interval' tab is active, and the 'Internal' button is highlighted with a blue circle and the number 85. Below the tabs, there are filter fields for 'Filter Task', 'JIC', 'ATA', 'Task Description', 'Type', and 'Eff.'. The main area contains a table of maintenance tasks. The 'Interval Filter' dialog box is open, showing fields for 'FH', 'FC', and 'DY', and radio buttons for 'And' and 'Or'. The 'Interval Filter' dialog box is highlighted with a blue circle and the number 84. The 'Excel' button is highlighted with a blue circle and the number 87. The 'Internal' button is highlighted with a blue circle and the number 82. The 'Interval Filter' dialog box is highlighted with a blue circle and the number 83.

ID	ATA	TASK	BASIC TASK	JIC	TASK Title
21	12	12-028-00-01	12-028-00		FLIGHT CONTROL CABLES - LEFT
1383	12	12-028-00-02	12-028-00		FLIGHT CONTROL CABLES - RIGHT
22	12	12-029-00-01	12-029-00		LEFTAILERON & TRIM
897	12	12-029-00-02	12-029-00		RIGHTAILERON & TRIM
73	12	12-158-00-01	12-158-00		SERVICE THE NOSE GEAR
102	20	20-600-00-01	20-600-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
103	20	20-601-00-01	20-601-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
105	20	20-603-00-01	20-603-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
107	20	20-605-00-01	20-605-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
110	20	20-608-00-01	20-608-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
1	20	20-608-01-01	20-608-01		INSPECT (GVI) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
2	20	20-609-00-01	20-609-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
4	20	20-610-00-01	20-610-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
6	20	20-611-00-01	20-611-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
7	20	20-611-01-01	20-611-01		INSPECT (GVI) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
9	20	20-613-00-01	20-613-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
10	20	20-613-01-01	20-613-01		INSPECT (GVI) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
11	20	20-614-00-01	20-614-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
12	20	20-615-00-01	20-615-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
112	20	20-615-01-01	20-615-01		INSPECT (GVI) THE APU POWER FEEDER WIRING AND CONNECTED EWIS.
113	20	20-616-00-01	20-616-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
116	20	20-619-00-01	20-619-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
117	20	20-620-00-01	20-620-00		INSPECT (GVI) ALL EASILY ACCESSIBLE EWIS IN THE FLIGHT DECK COMPARTMENT.
120	20	20-623-00-01	20-623-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING.
121	20	20-625-00-01	20-625-00		RESTORE (CLEAN) THE WIRING AND AREA AROUND WIRING, INCLUDING CONNECTED EWIS.
127	20	20-639-00-01	20-639-00		INSPECT (GVI) THE APU STARTER AND THE APU GENERATOR POWER FEEDER WIRING AND CONNECTED EWIS.
133	20	20-644-00-01	20-644-00		INSPECT (GVI) ALL EXPOSED EWIS LOCATED IN THE WING TIP.
162	21	21-051-01-01	21-051-01		PERFORM A FUNCTIONAL (CALIBRATION) CHECK (OFF-AIRCRAFT) OF THE AIR CYCLE COOLING PACK DISCHARGE OVERTEMP SWITCH.
163	21	21-051-02-01	21-051-02		PERFORM A FUNCTIONAL (CALIBRATION) CHECK (OFF-AIRCRAFT) OF THE AIR CYCLE COOLING PACK COMPRESSOR OUTLET OVERTEMPERATURE SWITCH.
172	21	21-058-06-01	21-058-06		PERFORM A FUNCTIONAL (CALIBRATION) CHECK OF THE E/E COOLING SYSTEM DIFFERENTIAL PRESSURE SWITCH.

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

83. Use these filters to find certain task.

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

85. Push "Interval" button to open Interval Filter editor.

86. Use interval filter to find certain tasks.

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

The screenshot displays the Aircraft Maintenance Program (AMP) software interface. On the left, the 'Maintenance Requirements' table lists tasks. A blue circle '88' highlights the row for task ID 1562, ATA 57, TASK 57-240-01-01, BASIC\_TASK 57-240-01, JIC 57-240-01-01, and TASK Title IGVI - LEFT OTBD WING LWR SURFACE. The right pane, 'Aircraft Maintenance Requirements Editor', shows the details for this task. A blue circle '89' is around the 'Filter Task' field, and a blue circle '91' is around the 'Add' button. The 'Associated Task' section at the bottom left shows task 1562-57-240-02-01 with a blue circle '90' around the 'Add' button. The 'Document Reference' section shows 'No Referenced Documents Were Found!'.

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

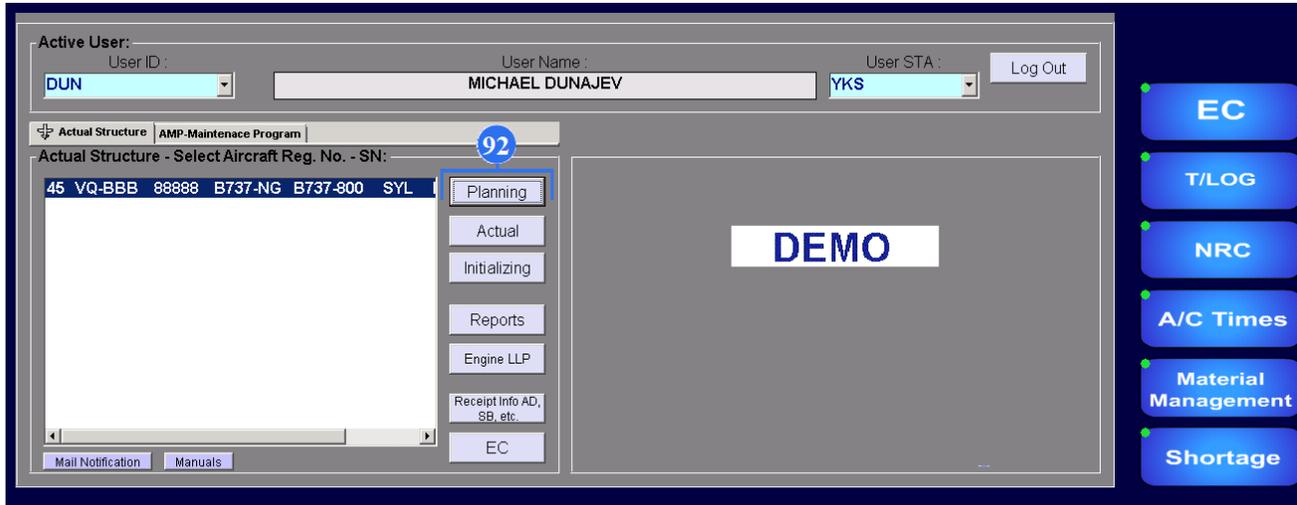
88. Select the task and highlight it.

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

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

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

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

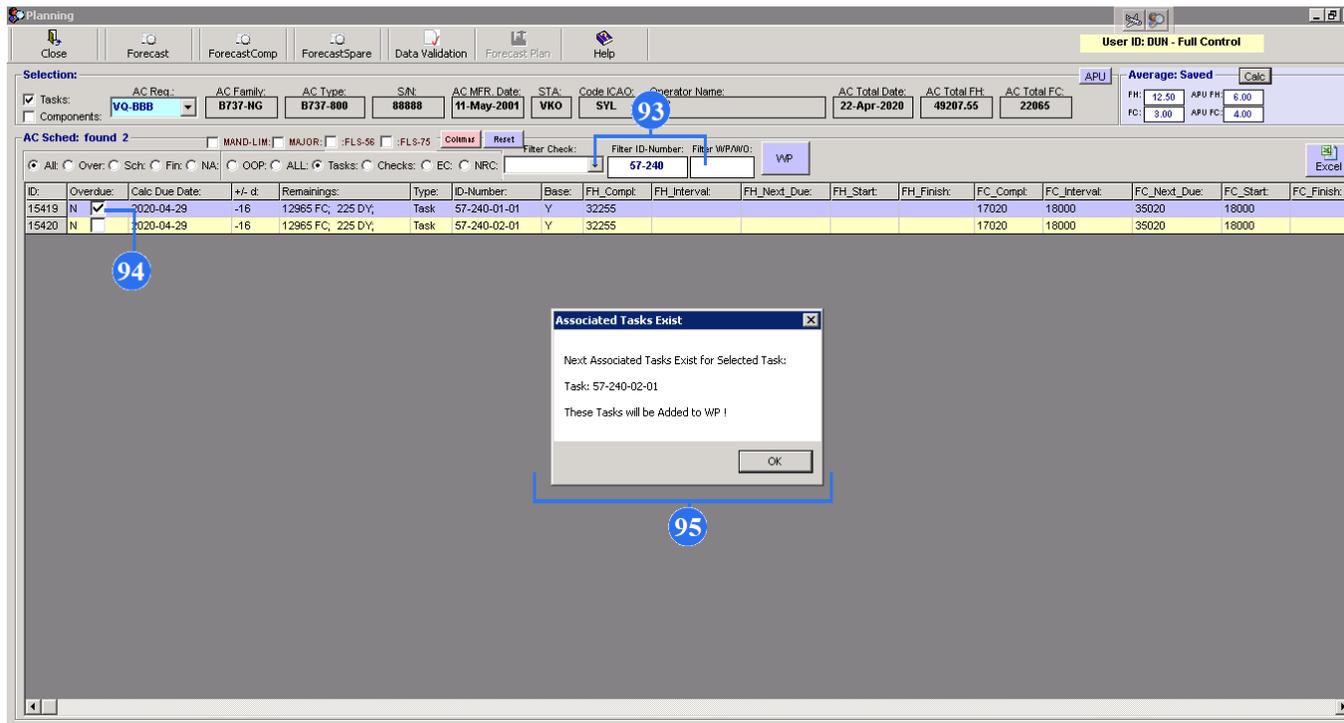


92. In the PART M module click on the Planning button.

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

94. Check box the line with task.

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



96. Push WP button.

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

**DEMO**
**WORK PACKAGE**

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

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, REV 69A, 15 SEP 2019; AIPC D638A001-GEF-0123, REV 88, 15 AUG 2019; FIM D633A103-GEF, REV 69A, 15 SEP 2019; SDS D633A101-GEF, REV 69A, 15 SEP 2019; SRM D634R10, REV 67, 10 JUL 2019; SSM D280A212, REV 104, 03 SEP 2019; WDM D280A12-GEF, REV 104, 03 SEP 2019; 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
WC2000071-BBB <small>DEADLINE: PRIOR TO 29.04.2020 OR 3.00.00 FC</small>	Task	57-240-01-01	IGVI - LEFT OTBD WING LWR SURFACE	
WC2000072-BBB <small>DEADLINE: PRIOR TO 29.04.2020 OR 3.00.00 FC</small>	Task	57-240-02-01	IGVI - RIGHT OTBD WING LWR SURFACE	

2. Tally List-Component Replacement WO.

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: **SVL** 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	Date
42628	<input checked="" type="checkbox"/>	WO2000071-BBB	Task		57-240-01-01	IGV1 - LEFT OTBD WING LWR SURFACE	STR		35020	4/29
42629	<input checked="" type="checkbox"/>	WO2000072-BBB	Task		57-240-02-01	IGV1 - RIGHT OTBD WING LWR SURFACE	STR		35020	4/29

Work Package Info:

WP Index: **WP200018-BBB** WP Date: **15-May-2020** Issued By: **DUN**

Plan Date: **16-May-2020** Filed Date: **16-May-2020** NRO Code: **NA** STA:

WP Description: **123**

Cancel WP Close WP Comply WP

WP Completion:

Task's WO Completion Data:

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

Mechanic ID:

Action Note:  Defer TC Add WO

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

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

99. Select the task and highlight it.

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

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

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

Related tasks will be completed in Actual submodule.

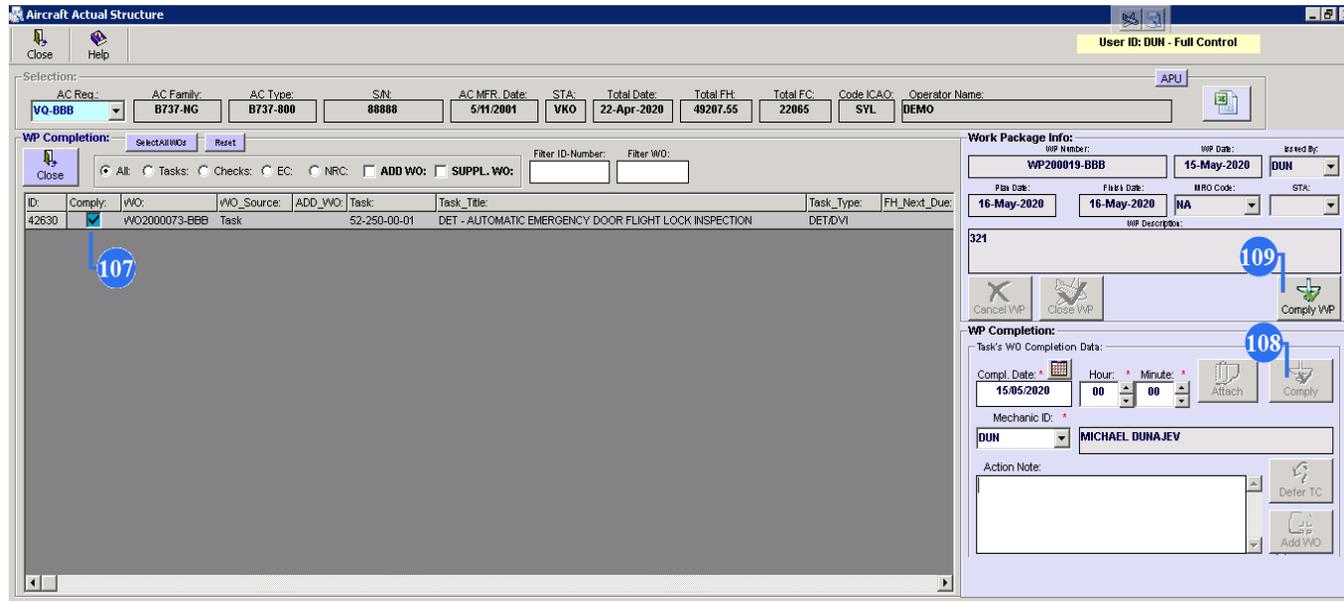
The screenshot shows the 'Planning' module interface. At the top, there are navigation buttons like 'Close', 'Forecast', and 'ForecastComp'. Below that, a 'Selection' section contains various filters and fields. A table lists aircraft tasks with columns for ID, Overdue, Calc Due Date, etc. A 'Component Schedule' table is at the bottom left. On the right, a 'Work Package Editor' is open, showing details for a specific work package. Blue callouts are placed on the interface: 103 points to the 'Filter ID-Number' field, 104 points to a checkbox in the task table, 105 points to a 'WP' button, and 106 points to a task in the work package details that is not included in the work package.

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

104. Check box the line.

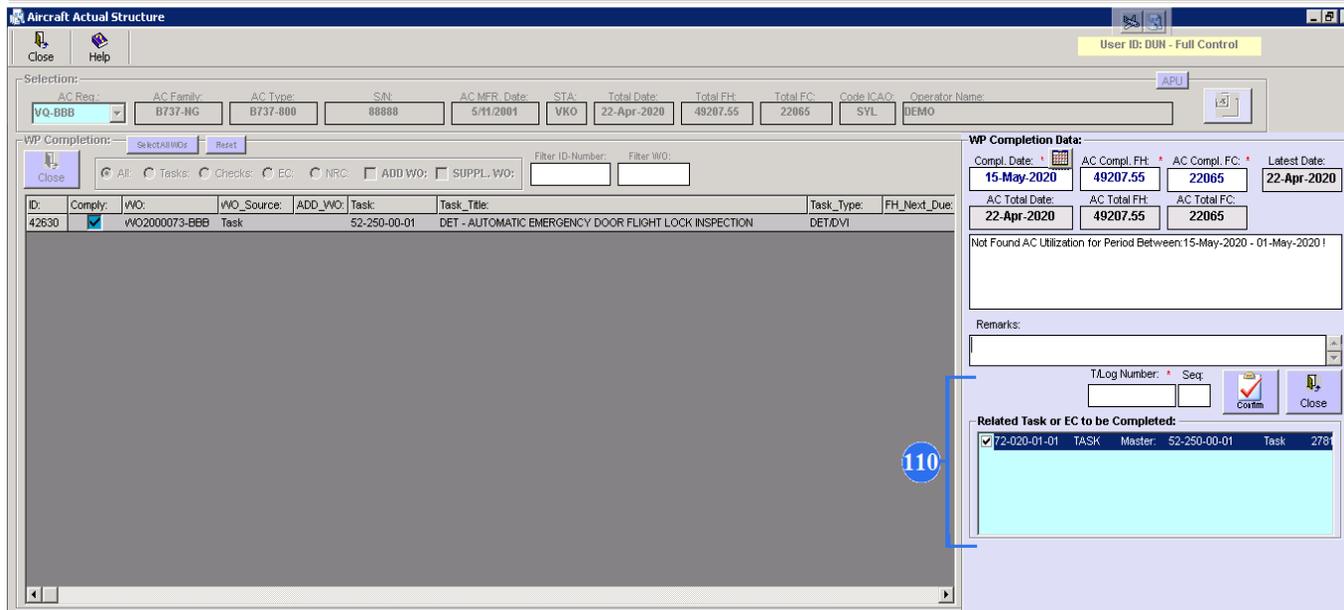
105. Push WP button.

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



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

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

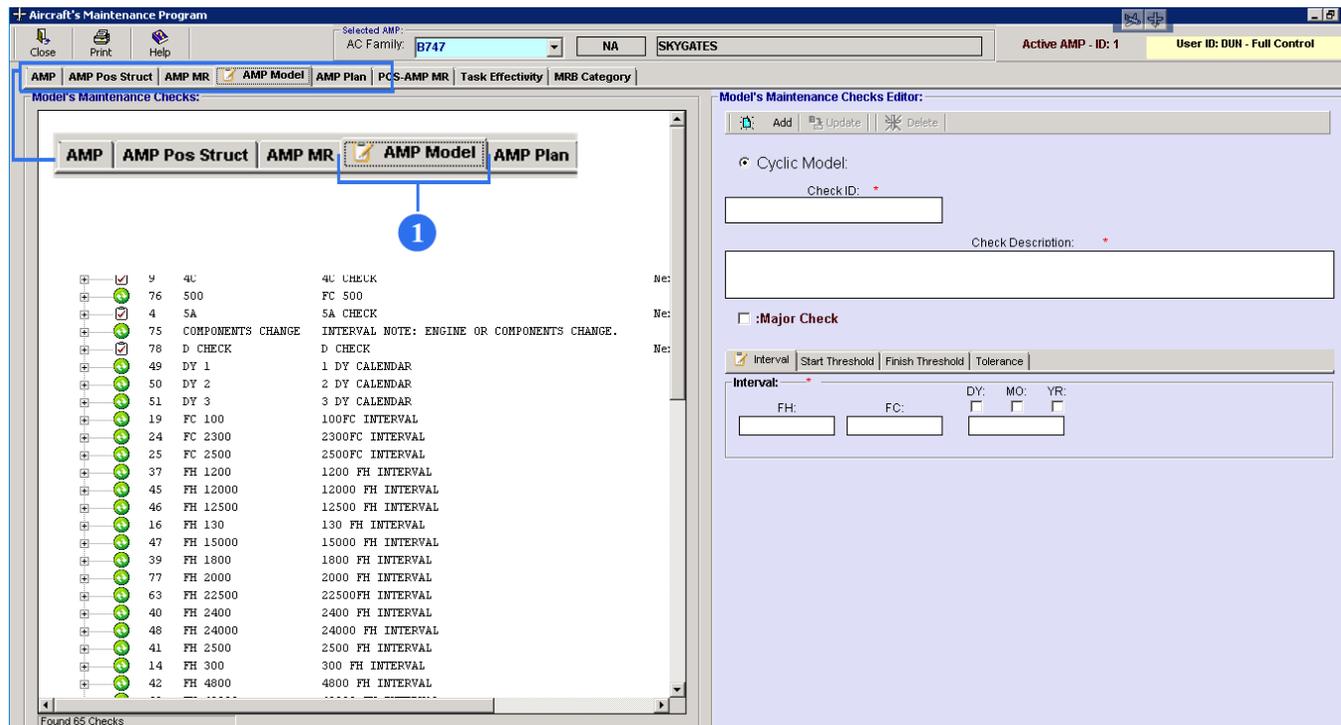


109. Click on the Comply WP (you complete the WP).

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

## 6. AMP Maintenance Model.

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



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

**Model's Maintenance Checks Editor:**

Cyclic Model: **2**

Check ID: \* **3** Next Check ID: \*

Check Description: \* **4**

:Major Check **5**

**6**

Interval: \*

FH:  FC:  DY:  MO:  YR:

**7**

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 tabs: Start Threshold, Finish Threshold, and Tolerance. The Start Threshold tab (8) contains input fields for FH, FC, and a date selector (DY, MO, YR) with checkboxes (9). The Finish Threshold tab (10) contains similar input fields (11). The Tolerance tab (12) features two sections: Early Rescheduled Method and Late Rescheduled Method, each with Completion and When Due checkboxes (13).

8. Click on the Start Threshold.

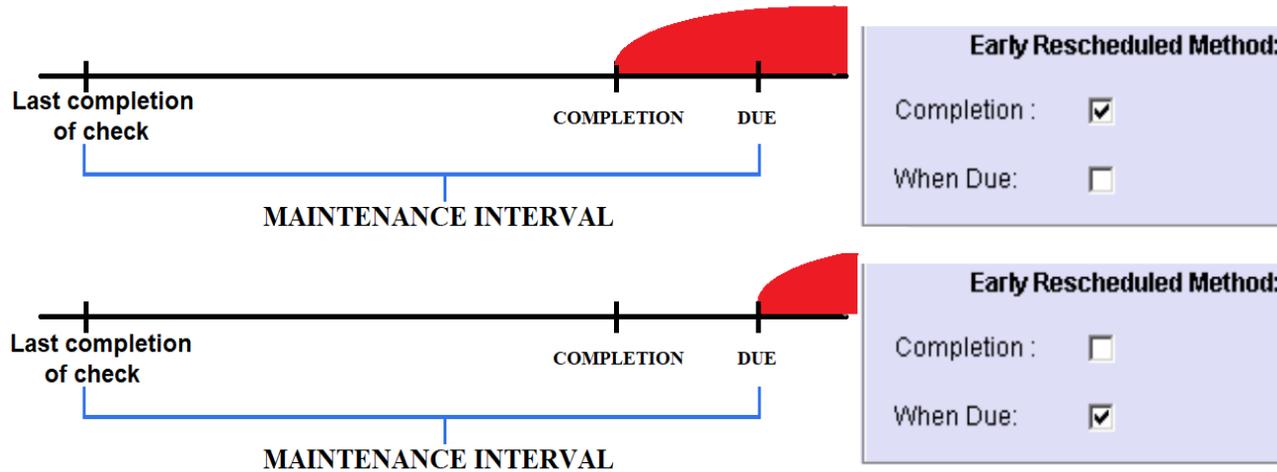
9. To set up a Start Threshold, type FH (flight hours)/ FC (flight cycles) /DY (days)/ MO (months)/ YR (years) in the Start Threshold tab. Only when the set parameters are reached, the check starts to be carried out.

10. Click on the Finish Threshold.

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

12. Click on the Tolerance.

13. Set up possible tolerance for repetitive checks.



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

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_Nr
86899	N	2019-11-21	-193	819.05 FH;	FC	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									

**Model's Maintenance Checks Editor:**

Add Update Delete

Cyclic Model:

Check ID: \* Next Check ID: \*

3C 4C

Check Description: \*

3C CHECK

:Major Check

Interval Start Threshold Finish Threshold Tolerance

Interval: \*

FH: FC: DY: MO: YR:

30000 72

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
<b>Model's Maintenance Checks:</b>							
+	<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			Ne:
+	<input checked="" type="checkbox"/>	4	5A	5A CHECK			Ne:
+	<input checked="" type="checkbox"/>	75	COMPONENT'S CHANGE	INTERVAL NOTE:			Ne:
+	<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' application window. The 'AMP Plan' tab is selected and highlighted with a blue box and a circled '1'. The interface displays a list of maintenance tasks on the left and a detailed view of maintenance requirements on the right.

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		ACCE
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		RIGH
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		RIGH
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		OUTI
899	12	12-034-00-02	12-034-00		OUTI
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		UPPF
29	12	12-042-00-01	12-042-00		LEFT
900	12	12-042-00-02	12-042-00		RIGH
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		TF 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

Maintenance Plan: Filter Task: No Filter Filter Check: Internal

B747: SKYGATES  
 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
- 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:

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		FUEL
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		CREV
510	52	52-021-03-01	52-021-03		CREV
511	52	52-021-08-01	52-021-08		CREV

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:**

Aircraft's Maintenance Program

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

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		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
					REM
					FUN
					OPEF
					OPEF
					PERF
					PERF
					CLEF
					PERF
					PERF
					UPPI
					UPPI
					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:**

The screenshot shows the 'Maintenance Requirements' window with the following table of tasks:

ID	ATA	TASK	Basic_Task	JIC	TASK
236	26	25-061-0-01	25-061-03		INSP
236	25	25-062-0-01	25-062-02		RES
237	25	25-062-0-01	25-062-05		RES
238	25	25-063-0-01	25-063-03		FUNK
238	25	25-063-0-01	25-063-04		DISC
238	25	25-063-0-01	25-064-00		DISC
238	25	25-064-0-01	25-064-01		PERF
238	25	25-064-0-01	25-064-05		SMOI
238	25	25-068-0-01	25-068-01		FLOC
238	25	25-068-0-01	25-068-03		REMI
238	25	25-068-0-01	25-068-50		FUNK
238	25	26-010-0-01	26-010-00		OPEF
238	25	26-012-0-01	26-012-02		OPEF
238	25	26-013-0-01	26-013-00		PERF
238	25	26-013-0-01	26-013-02		PERF
238	25	26-013-0-01	26-013-01		PERF
238	25	26-014-0-01	26-014-00		PERF
238	25	26-014-0-01	26-014-01		PERF
238	25	26-014-0-01	26-014-50		UPPI
238	25	26-014-0-01	26-014-51		UPPI
238	25	26-015-0-01	26-015-04		PERF
238	25	26-016-0-01	26-016-01		LOW
238	25	26-016-0-01	26-016-02		LOW
238	25	26-016-0-01	26-016-02		MAIN
238	25	26-016-0-01	26-016-03		LOW
238	25	26-016-0-01	26-016-03		MAIN
238	25	26-016-0-01	26-016-05		INSP
238	25	26-016-0-01	26-016-05		INSP
238	25	26-016-0-01	26-016-05		INSP
238	25	26-016-0-01	26-016-06		CLEF
270	26	26-017-01-01	26-017-01		USE
271	26	26-018-01-01	26-018-01		PERF

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		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		REM
245	25	25-068-50-02	25-068-50		FUN
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.

**Maintenance Requirements:**

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

No MP  APU

Interval Filter

FH:  FC:

DY:  MO:  YR:

And  Or

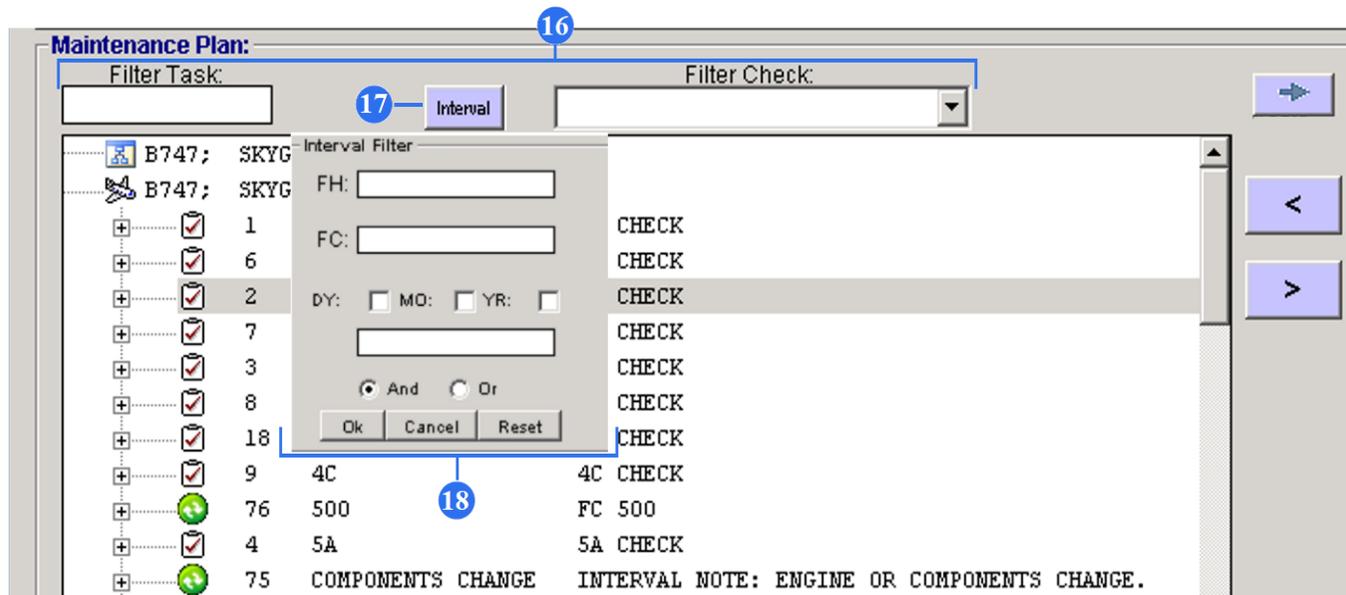
Ok Cancel Reset

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		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		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

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.

The screenshot shows the 'Aircraft's Maintenance Program' interface. The 'Maintenance Plan' section on the left lists various tasks for aircraft B747, including 'Interval Filter', 'FC 500', 'SA CHECK', and 'COMPONENTS CHANGE'. The 'Maintenance Requirements' section on the right displays a table of tasks with columns for ID, ATA, TASK, Basic\_Task, JIC, and TASK. A task with ID 562 is highlighted in blue. Below the table, a 'Task - Checks Model: ID = 562' window is open, showing a table with columns: Check, Check\_Description, Check\_Type, FH\_Start, FC\_Start, Calendar\_Start, and Calendar\_Val. The first row contains '1C', '1C CHECK', 'Phase', and empty cells for the start dates. A blue circle with the number '19' is overlaid on the 'Check\_Type' cell of this row.

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.

This is a close-up of the 'Task - Checks Model: ID = 562' window. It shows the table with columns: Check, Check\_Description, Check\_Type, FH\_Start, FC\_Start, Calendar\_Start, and Calendar\_Val. The first row contains '1C', '1C CHECK', 'Phase', and empty cells for the start dates. A blue circle with the number '19' is overlaid on the 'Check\_Type' cell of this row. Below the table, there is a 'Found 1452 Records' label and a checked 'Show Task-Check Model' checkbox.

## 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. At the top, it displays 'Selected AMP: B747' and 'AC Family: B747'. The main menu includes '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. The table has columns for ID, ATA, TASK, Basic\_Task, JIC, and TASK. The bottom right of the window shows a 'Task - Checks Model' section with a message 'No Checks were Found!' and a 'Show Task-Check Model' checkbox.

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

The screenshot displays the 'Aircraft's Maintenance Program' interface. At the top, the 'Selected AMP' is 'B747' and the 'AC Family' is 'NA'. The 'Active AMP - ID' is '1' and the 'User ID' is 'DUN - Full Control'. The interface is divided into several panes:

- Relation between Component IPC Position and Maintenance Requirements:** This pane shows a tree view of 'AMP IPC Positions Structure'. A blue circle '3' highlights a specific component: 'UNIT-ELECTRONIC CTRL' (ID: 1020, ATA: 49-11-51).
- Relation between IPC Positions - MR:** This pane shows a list of maintenance requirements related to the selected component. A blue circle '5' highlights a specific task: 'APU STARTER MOTOR.' (Task: 49-041-02-01, APU).
- Maintenance Requirements:** This pane shows a table of all maintenance requirements. A blue circle '2' highlights a specific task: 'APU STARTER MOTOR.' (ID: 490, ATA: 49-041-02-01).
- Task - Checks Model: ID = 490:** This pane shows the details of the selected task, including 'Check: FC 500', 'Check\_Type: Cyclic', and other parameters.

Navigation buttons (left and right arrows) are visible between the panes, and a blue circle '4' points to the left arrow button.

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: **75211.13** Total FC: **14011** Code ICAO: **NA** Operator Name: **SKYGATES** APU

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

**Components:** Filter IPC Position:  Filter PN:  Filter SN:  Filter Description:   Sub-Assy  Removed  Unsch  Robbed

Found: 6 Major IPC Pos

VP-BCH

Actual Components Position Structure:

1849	49-00-00	APU	PW901A	PCE900711	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	CS116-11	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: B747 NA SKYGATES Active AMP - ID: 1 User ID: DIN - Full Control

Close Print Help

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:

- Sub-Assy:
  - 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 Requirement:
    - 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:

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

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:
500	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.

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:

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

Interval Filter

FH:   
 FC:   
 BY:  MD:  YR:   
 No MP  APU  
 And  Or

Buttons: Excel (15), Interval (12), No MP (14), APU (14)

11. Use filters for quick tasks search:

- Task filter
- ATA filter
- Task Description filter
- Filter Type.

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

13. Use interval filter to find certain tasks.

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

To see APU tasks tick “APU” field.

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

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 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; Efc.:
- 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		CHEI
1470	72-03-00	747-72-B996	747-72-B996		INSP
1404	73-00-00	747-73-00-043	747-73-00-043		PREI
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

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.

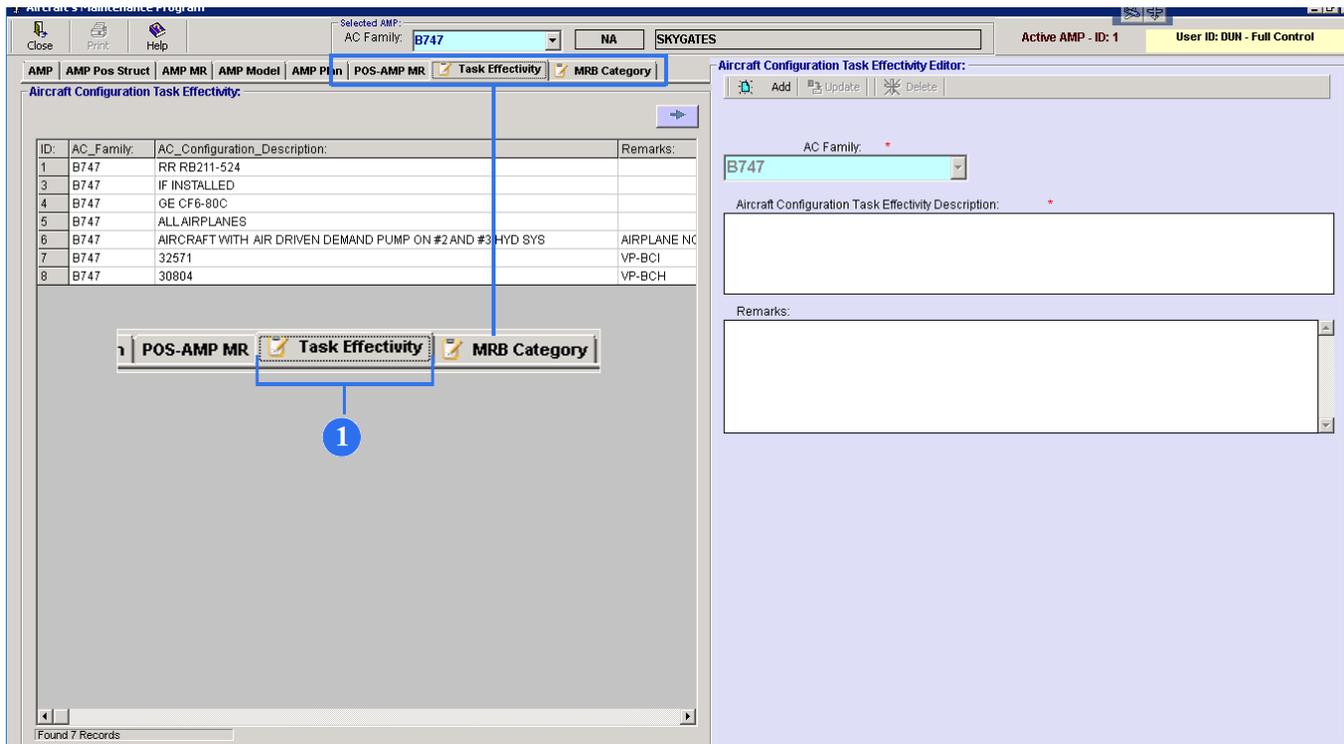
Task - Checks Model: ID = 562

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

Found 1452 Records  Show Task-Check Model

16

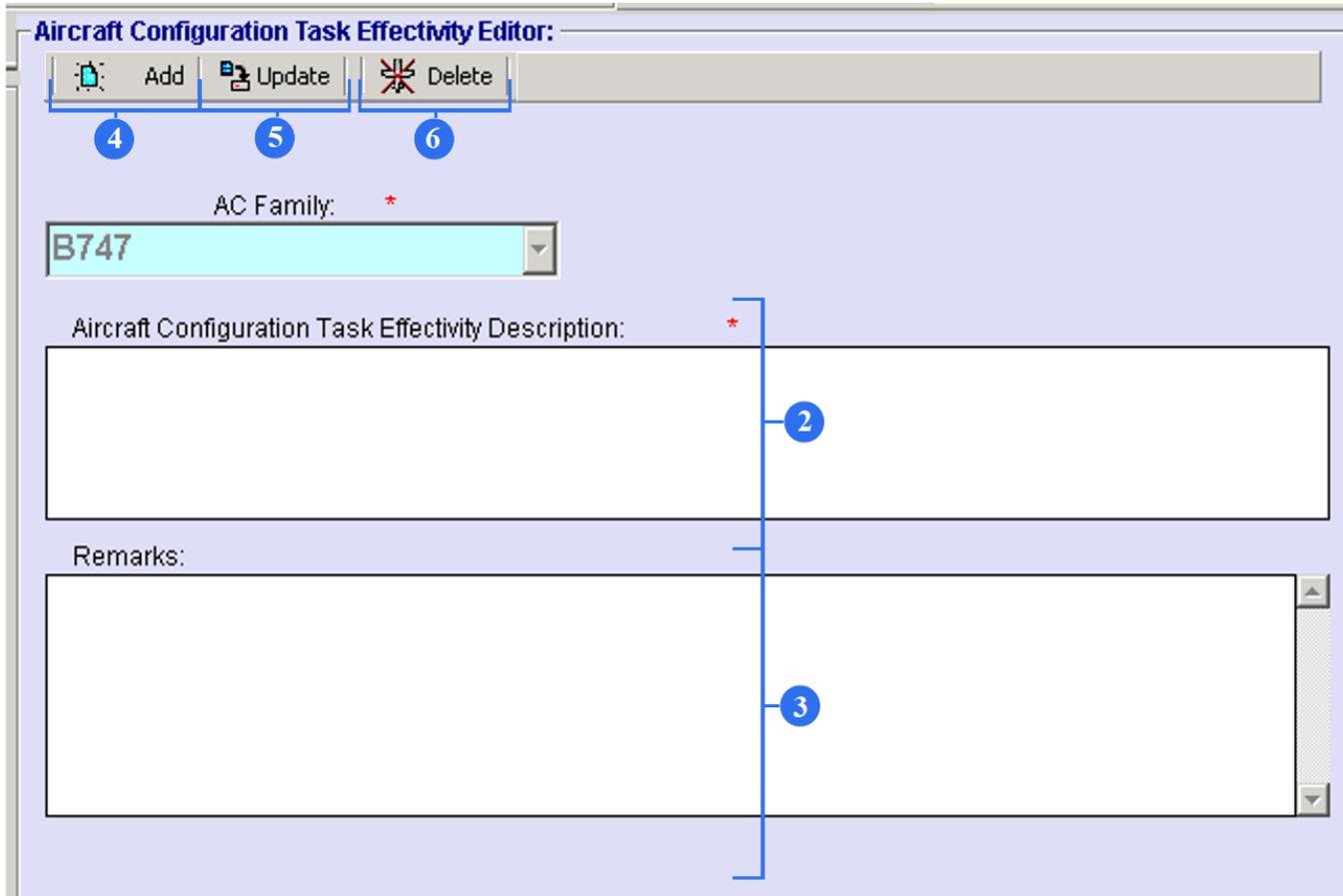
## 9. Task Effectivity



The screenshot displays the Aircraft Maintenance Program (AMP) interface. The top navigation bar includes tabs for AMP, AMP Pos Struct, AMP MR, AMP Model, AMP Pin, POS-AMP MR, Task Effectivity, and MRB Category. The 'Task Effectivity' tab is highlighted with a blue box, and a blue arrow points from this box to the 'Aircraft Configuration Task Effectivity Editor' window. A blue circle with the number '1' is positioned below the navigation bar. The 'Aircraft Configuration Task Effectivity Editor' window shows a form with fields for AC Family (B747), Aircraft Configuration Task Effectivity Description, and Remarks. The left pane shows a table of aircraft configurations.

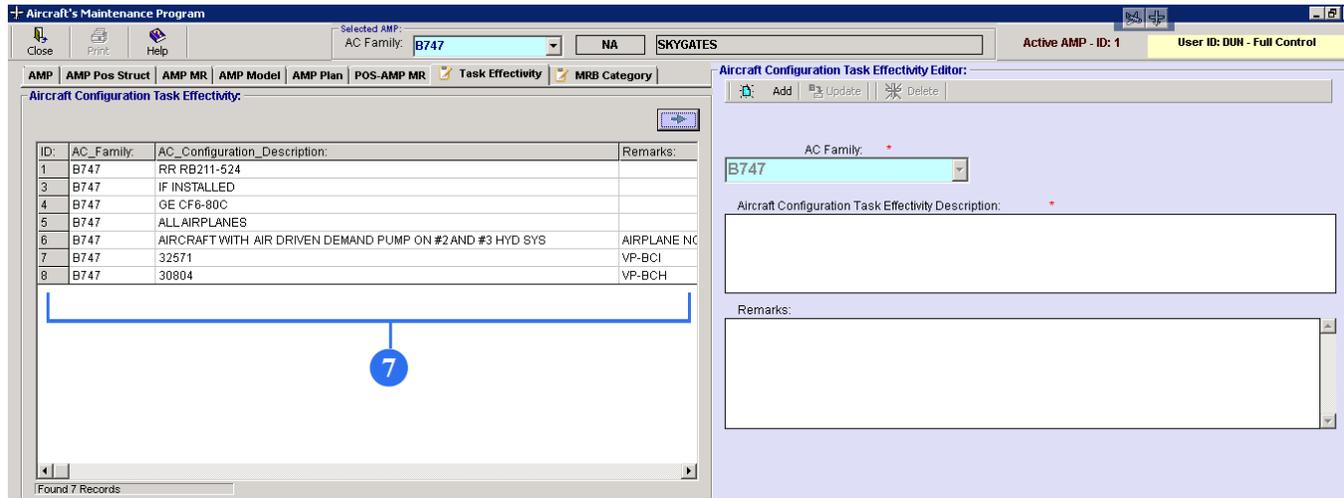
ID:	AC_Family:	AC_Configuration_Description:	Remarks:
1	B747	RR RB211-524	
3	B747	IF INSTALLED	
4	B747	GE CF6-80C	
5	B747	ALL AIRPLANES	
6	B747	AIRCRAFT WITH AIR DRIVEN DEMAND PUMP ON #2 AND #3 HYD SYS	AIRPLANE NC
7	B747	32571	VP-BCI
8	B747	30804	VP-BCH

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



The screenshot shows the 'Aircraft Configuration Task Effectivity Editor' window. At the top, there is a toolbar with three buttons: 'Add' (with a plus icon), 'Update' (with a refresh icon), and 'Delete' (with a red X icon). Below the toolbar, there is a dropdown menu for 'AC Family' with 'B747' selected. Below that is a text area for 'Aircraft Configuration Task Effectivity Description' with a red asterisk indicating it is required. Below the description area is a text area for 'Remarks'. A vertical blue line with brackets and numbered callouts (2, 3, 4, 5, 6) points to the 'Add' button, the 'Description' field, the 'Remarks' field, the 'Update' button, and the 'Delete' button respectively.

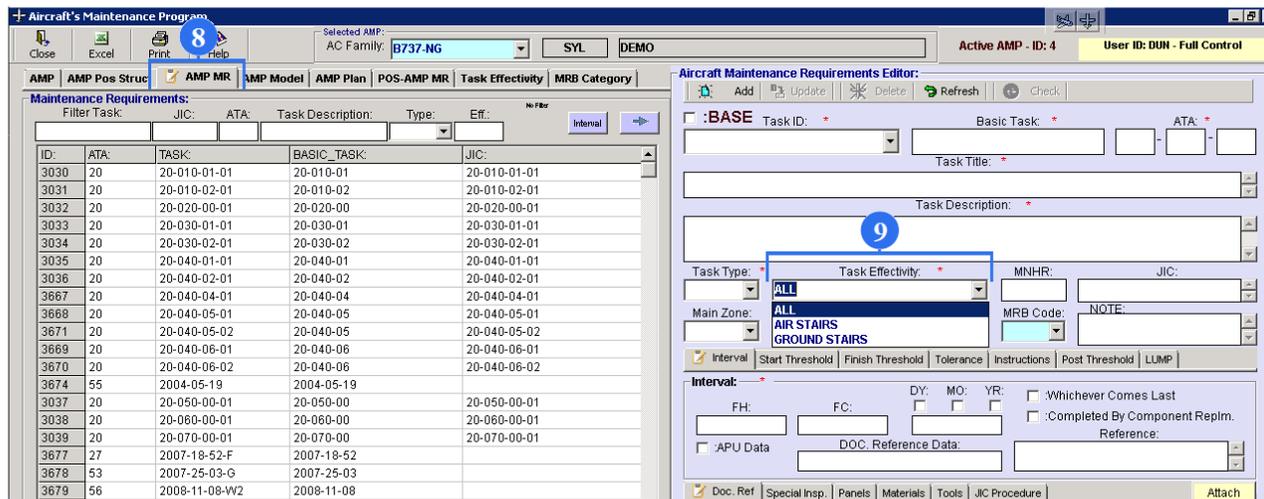
2. Provide an appropriate Description.
3. Provide an appropriate Remarks.
4. To save newly made Task Effectivity, click on the “Add” button.
5. To save changes in already existing Task Effectivity, click on the Update button.
6. To delete existing Task Effectivity, click on the “Delete” button.



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

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

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



## 10. MRB (Maintenance Review Board) Category Codes

The screenshot displays the 'Aircraft's Maintenance Program' software interface. At the top, the 'Selected AMP' is 'B747' and the 'AC Family' is 'NA'. The 'Active AMP - ID' is '1' and the 'User ID' is 'DUN - Full Control'. The main window is divided into two panes. The left pane, titled 'MRB Category Codes', 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 right pane, titled 'MRB Category Code Editor', has a form with the following fields: 'AC Family' (dropdown menu showing 'B747'), 'MRB Code' (text input field containing '9'), and 'MRB Code Description' (text area containing 'HIDDEN, NON-SAFETY'). A blue circle with the number '1' is positioned below the 'MRB Category' tab in the left pane, with a blue arrow pointing to the 'MRB Category' tab in the right pane.

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

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

**MRB Category Code Editor:**

Add Update Delete

3 4 5

AC Family: \*

B747

MRB Code: \*

9

MRB Code Description: \*

HIDDEN, NON-SAFETY

2

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.

**MRB Category Codes**

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

Found 7 Records

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

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

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

**Aircraft Maintenance Requirements Editor**

Task ID: :BASE Task ID: Basic Task: ATA: Task Title: Task Description: Task Type: Task Effectivity: JIC: Main Zone: Additional Zones: MRB Code: NOTE: Interval: Start Threshold: Finish Threshold: Tolerance: Test Threshold: LLMP: FH: FC: DY: MO: YR: Never Comes Last: Completed By Component Replm.: Reference: APU Data: DOC. Reference Data: Doc. Ref: Special Insp. Panels Materials Tools JIC Procedure Attach