

# Shortage

## User guidance

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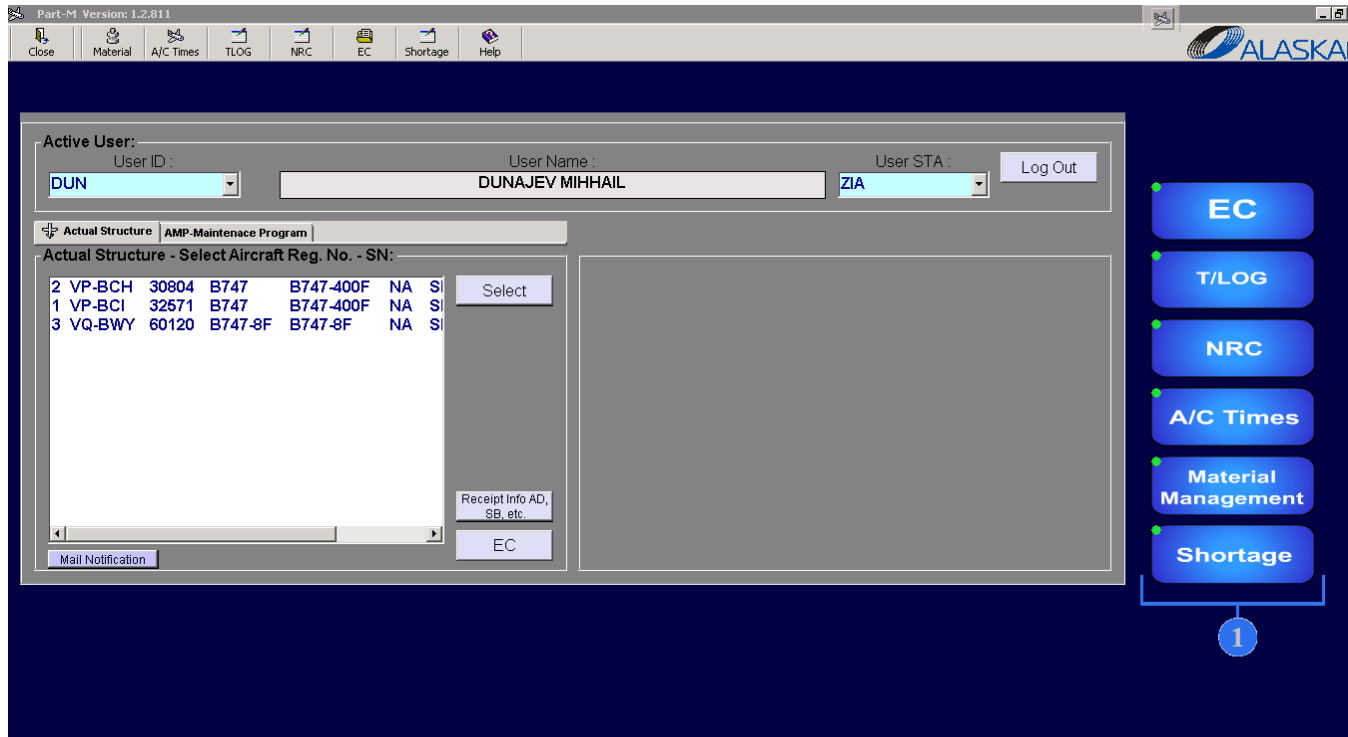
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# 1. Shortage Registration



Shortage sub-module is necessary to create part ordered request.

If there are no required materials for the task completion, a shortage must be registered. After the registration, this shortage will be displayed in the Stock Module (Shortage sub-module).

1. Click on the SHORTAGE button to enter the screen.

2

+ Add Edit

Shortage Registration

Close Print Help Permission: FULL CONTROL User Group: ENG

Line Maintenance Base Maintenance **Engineering** Work Shop Stock History-Search

Shortage List: + Add Edit 'Open' 'Close' Filter Shortage No: Filter Ref-Subject: PN Use For: Use Num.: Note: Issued By: Reset

ID:	No:	IssueDate:	IssueBy:	Status-Qty:	Reference:	Ref-Subject:	Use For:	Use Number:	Note:
897	857	2019-06-12 20:42	CSV	N-9;	B747-400F	VP-BCH OTHER	NA		THE INSTALLATION OF A NON ACTIVATED DUAL GNSS SENSOR SYSTEM PERFO
841	805	2019-05-06 11:56	CSV	O-1; S-1;	B747-400F	VP-BCI BASE_WO	N/A		ENG#3 STARTER & DUCT ASSY TO AIR STARTER DAMAGED.
826	790	2019-04-17 14:35	CSV	N-5;	B747-400F	VP-BCH OTHER	NA		CRASH AXE INSTALLATION IN MD
796	760	2019-03-05 14:53	ISK	N-1;	B747-400F	VP-BCH REPLENISHMENT	HTC		TO BE CHANGE DUE TO EXPIRITY DATE
795	759	2019-03-05 12:48	ISK	N-1;	B747-400F	VP-BCI REPLENISHMENT	HTC		TO BE CHANGE DUE TO EXPIRITY DATE
794	758	2019-03-05 12:39	ISK	N-1;	B747-400F	VP-BCI REPLENISHMENT	HTC		TO BE CHANGE DUE TO EXPIRITY DATE
779	743	2019-02-21 10:49	DAS	N-8;	B747-400F	VP-BCH REPLAC. ENGINE	13771		PARTS NEED FOR REPLACEMENT OF ENGINE RB211-524 SERIES.
758	724	2019-01-25 12:11	ISK	N-1;	B747-400F	VP-BCH REPLENISHMENT	HTC		TO BE CHANGE DUE TO EXPIRITY DATE
756	723	2019-01-25 12:03	ISK	N-1;	B747-400F	VP-BCI REPLENISHMENT	HTC		TO BE CHANGE DUE TO EXPIRITY DATE

Found: 190 Selected ID / Num:

Shortage Materials Item List: + Add Edit 'All' 'New' 'Ordered' 'In Stock' Right Mouse Button - PN to Clipboard!

No Shortage is Selected!

Not Found! Selected ID:

2. Click on the ADD button and a Shortage Editor will be opened.

**Shortage Editor:** 6


Close Add Update Delete


Shortage No: **863** User Group: **ENG** Reg. Date: **04/03/2020 - 17:53** 3

A/C Type: \* A/C Reg: \*

Use for: \* Use Number: \*

Note / Description:

Priority Date: \*  Issued By: \* Ship to: \* 4

MEL: Open MEL Expiration:  5

**AOG** User Name:

3. A Shortage number, a user group and a registration date will be generated automatically.

4. Enter an aircraft type, registration and why a shortage is registered (Use For, Use Number), write a description/note.

5. Select a priority date (when a particular component should be delivered). Select "Issued By" and "Ship to". Tick the "MEL:Open" field or "AOG" field (Aircraft On the Ground), if urgent materials are required. All shortages, marked with AOG, are in red colour in a Shortage List. Select MEL Expiration and User Name.

6. To add a new shortage, click on the Add button.

Shortage Registration

Close Print Help Permission: FULL CONTROL User Group: ENG

Line Maintenance | **Basic Maintenance** | Engineering | Work Shop | Stock | History Search

Shortage List: **8**

'Open'
  'Close'
 Filter Shortage No:
 Filter Ref-Subject:
 PN
 Use For:
 Use Num.:
 Note:
 Issued By:

ID:	No:	IssueDate:	IssueBy:	Status-Qty:	Reference:	Ref-Subject:	Use For:	Use Number:	Note:
897	857	2019-06-12 - 20:42	CSV	N-9;	B747-400F	VP-BCH	OTHER	NA	THE INSTALLATION OF A NON ACTIVATED DUAL GNSS SENSOR SYSTEM PER FO
841	805	2019-05-06 - 11:55	CSV	O-1; S-1;	B747-400F	VP-BCI	BASE_WO	N/A	ENG#3 STARTER & DUCT ASSY TO AIR STARTER DAMAGED.
826	790	2019-04-17 - 14:35	CSV	N-5;	B747-400F	VP-BCH	OTHER	NA	CRASH AXE INSTALLATION IN MD
796	760	2019-03-05 - 14:53	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
795	759	2019-03-05 - 12:48	ISK	N-1;	B747-400F	VP-BCI	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
794	758	2019-03-05 - 12:39	ISK	N-1;	B747-400F	VP-BCI	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
779	743	2019-02-21 - 10:49	DAS	N-8;	B747-400F	VP-BCH	REPLAC. ENGINE	13771	PARTS NEED FOR REPLACEMENT OF ENGINE RB211-524 SERIES.
759	724	2019-01-25 - 12:11	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
760	723	2019-01-25 - 12:03	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE

Found: 190 Selected ID / Num: 897 857

Shortage Materials Item List:

'All'
  'New'
  'Ordered'
  'In Stock'
 Right Mouse Button - PN to Clipboard !

ID:	No:	Item:	IssueDate:	PN:	PN_SUBST_1:	PN_SUBST_2:	Description:	Qty:	Note:	UM:	Type:	Status:	PI
2547	857	9	2019-06-12 - 20:49	PS870B-2	BMS5-95 CLASS B	PS870B1/2	SEALANT-PRESSURE AND ENVIRONMENTAL-CHROMATE TYPE	10		OZ	CON	N	Y
2546	857	8	2019-06-12 - 20:48	MS20470AD4-5			RIVET	16		EA	CON	N	Y
2545	857	7	2019-06-12 - 20:48	MS20426AD5-7			RIVET	32		EA	CON	N	Y
2544	857	6	2019-06-12 - 20:47	MS20426AD5-6			RIVET	158		EA	CON	N	Y
2543	857	5	2019-06-12 - 20:47	G57NB5			COLLAR	2		EA	CON	N	Y
2542	857	4	2019-06-12 - 20:46	BMS5-95 CLASS B	PS870B-2	PS870B1/2	SEALANT-PRESSURE AND ENVIRONMENTAL-CHROMATE TYPE	10		OZ	EXP	N	Y
2541	857	3	2019-06-12 - 20:45	BMS13-54GBT1C1FC18/1			TAPE	1		ROL	EXP	N	Y
2540	857	2	2019-06-12 - 20:44	BMS 10-79 TYPE 3			PRIMER	20		OZ	EXP	N	Y
2539	857	1	2019-06-12 - 20:42	ALODINE 1201			CHEMICAL CONVERSION COATING	10		OZ	EXP	N	Y

7. You can see the save data in the Shortage List. Highlight the line.

8. To update an existing shortage click on the "Edit" button.

**Shortage Editor:**

Close Add Update Delete

Shortage No: **857** User Group: **ENG** Reg. Date: **2019-06-12 - 20:42**

A/C Type: \* **B747-400F** A/C Reg: \* **VP-BCH**

Use for: \* **OTHER** Use Number: \* **NA**

Note / Description:

Priority Date: \* **2019-07-01** Issued By: \* **CSV** Ship to: \* **HHN**

MEL: Open  MEL Expiration:

**AOG** User Name: **SERGEY CHUDAKOV**

9. In the Shortage Editor make changes.

10. Click on the update button.

11. To delete an existing shortage, highlight it in a shortage list and click on the EDIT button. In the Shortage Editor click on the DELETE button.

12. To reset the editor, click on the CLOSE button.

## 2. Shortage Items Addition

The screenshot displays the 'Shortage Registration' application window. At the top, there are navigation buttons (Close, Print, Help) and user information (Permission: FULL CONTROL, User Group: ENG). Below this is a menu bar with options: Line Maintenance, Base Maintenance, Engineering (selected), Work Shop, Stock, and History-Search.

The main area is divided into two sections:

- Shortage List:** This section contains a table with columns: ID, No, IssueDate, IssueBy, Status-Qty, Reference, RefSubject, Use For, Use Number, and Note. A blue circle with the number '1' highlights the first row of the table, which is highlighted in blue. Above the table are filter fields for Shortage No., Ref-Subject, PN, Use For, Use Num., Note, and Issued By, along with an 'Add' button and a 'Reset' button.
- Shortage Materials Item List:** This section contains a table with columns: ID, No, Item, IssueDate, PN, PN\_SUBST\_1, PN\_SUBST\_2, Description, Qty, Note, UM, Type, Status, PN\_Known, Min\_Qty, Category, and OrderNum. A blue circle with the number '2' highlights the 'Add' button located above the table.

1. In the Shortage List highlight necessary line.

2. In the Shortage Materials Item List click on the “Add” button.



**Shortage Item Editor:** 6

Close Add Update Delete Cancel

Shortage No: **129** Item ID: **2** Reg. Date: **11/03/2020 - 16:26**

**Found 27712 Part Numbers:**

Filter:

P/N: \*   P/N Known  Unit: \*  Qty: \*

P/N Description: \*

Note / IPC Reference:

P/N Substitute \_ 1:  P/N Substitute \_ 2:

Min. Stock Qty:

Category: \*  MATERIAL  TOOL

Type: \*  CONS  ROT  REP  EXP

Part Condition Req.:

NEW  
 OVERHAULED  
 REPAIRED  
 INSPECTED  
 TESTED

3

3. After the selection, a part number and a description will be denigrated automatically.  
 4. Choose a unit and quantity.

4

5. Make references if needed. Enter Substitutes, if any. Check the box of the Category and Type.

5

6. To add a new item, click on the ADD button.

Shortage Registration

Close Print Help Permission: FULL CONTROL User Group: ENG

Line Maintenance Base Maintenance **Engineering** Work Shop Stock History-Search

Shortage List: + Add Edit 'Open' 'Close' Filter Shortage No: Filter Ref-Subject: PN Use For: Use Num.: Note: Issued By: Reset

ID:	No:	IssueDate:	IssueBy:	Status-Qty:	Reference:	Ref-Subject:	Use For:	Use Number:	Note:
134	129	2017-09-25 - 11:39	ISK	O-1;	B747-400F	VP-BCH	REPLENISHMENT	32-24	IND-STBY ATTITUDE
538	522	2018-08-21 - 11:57	DAS	N-2;	B747-400F	VP-BCI	THERMAL SWITCH	26-12	THERMAL SWITCH FOR JOB FROM C-CHECK
11	11	2016-11-14 - 15:06	CSV	O-8;	B747-400F	VP-BCI	OTHER	AD2015-19-06	KITS AND MATERIALS FOR PARA (I) OF AD 2015-19-06 (SB 747-21-2532) PERFO
10	10	2016-11-14 - 14:13	DAS	O-8;	B747-400F	VP-BCI	OTHER	2015-19-06	KITS AND MATERIALS FOR AD 2015-19-06 PARA (H) PERFORMANCE
9	9	2016-11-09 - 15:53	DAS	O-5;	B747-400F	VP-BCI	OTHER	THRUST REV.	ALL PARTS NEED ON STORE FOR PREVENT OF AOG
55	51	2017-03-21 - 14:26	DVV	O-4;	B747-400F	VP-BCH	BASE_WO	46-00-00	IPAD EFB MODIFICATION KIT - LRU
113	109	2017-08-18 - 14:18	CSV	O-4;	B747-400F	VP-BCH	BASE_WO		AD 2015-19-06 (\$ H), MJO NO.: 2015-19-06-011, CHANGE AND ROUTE THE CONT
107	103	2017-07-27 - 14:42	CSV	O-2;	B747-400F	VP-BCI	BASE_WO		AD 99-08-10 (PARA (A)(9-10)) SHUT-OFF VALVE REPL AND LEAK TEST THE FLUS
64	60	2017-03-24 - 14:23	DVV	O-2;	B747-400F	VP-BCI	BASE_WO		IPAD EFB MODIFICATION KIT

Found: 190 Selected ID / Num: 134 129

Shortage Materials Item List: + Add Edit 'All' 'New' 'Ordered' 'In Stock' Right Mouse Button - PN to Clipboard!

ID:	No:	Item:	IssueDate:	PN:	PN_SUBST_1:	PN_SUBST_2:	Description:	Qty:	Note:	UM:	Type:	Status:	PN_Known:	Min_Qty:	Category:	OrderNum:
680	129	1	2017-09-25 - 11:39	H342AAM	S231U110-1		IND-STBY ATTITUDE	1	32-24-01-05	EA	ROT	0	Y	M	OP170004 - OP17000	

+ Add Edit

7. You can see the save data in the Shortage Materials Item List. Highlight the line.

8. To update an existing shortage click on the "Edit" button.

**Shortage Item Editor:**

Close Add Update Delete Cancel

Shortage No: **760** Item ID: **1** Reg. Date: **2019-03-05 - 14:54**

**Found 27712 Part Numbers:**

Filter: \*

P/N: \*  P/N Known Unit: \* Qty: \*

**33600036-2** To Parts Catalog EA 1

P/N Description: \*

**BOTTLE-ENG FIRE EXTINGUISHER**

Note / IPC Reference:

**26-21-03-05**

P/N Substitute \_ 1: P/N Substitute \_ 2:

Min. Stock Qty: Category: \*

MATERIAL  TOOL

Type: \*

CONS  ROT  REP  EXP

Part Condition Req.:

NEW  
 OVERHAULED  
 REPAIRED  
 INSPECTED  
 TESTED

9. In the Shortage Editor make changes.

10. Click on the update button.

11. To delete an existing item, highlight it in a shortage material item list and click on the EDIT button. In the Shortage Item Editor click on the DELETE button.

12. To confirm cancel current shortage, click on the Cancel.

13. To close the editor, click on the CLOSE button.

### 3. Shortage Status

The screenshot displays the 'Shortage Registration' application. The main window has a menu bar with 'Close', 'Print', and 'Help' (circled in red with a '3'). Below the menu bar are tabs for 'Line Maintenance', 'Base Maintenance', 'Engineering', 'Work Shop', 'Stock', and 'History-Search' (circled in red with a '2'). The 'Shortage List' table contains the following data:

ID:	No:	IssueDate:	IssueBy:	Status-Qty:	Reference:	Ref-Subject:	Use For:	Use Number:	Note:
897	857	2019-06-12 - 20:42	CSV	N-9;	B747-400F	VP-BCH	OTHER	NA	THE INSTALLATION OF A NON ACTIVATED DUAL GNSS SENSOR SYSTEM PER FO
841	805	2019-05-06 - 11:55	CSV	O-1; S-1;	B747-400F	VP-BCI	BASE_WO	N/A	ENG#3 STARTER & DUCT ASSY TO AIR STARTER DAMAGED.
826	790	2019-04-17 - 14:35	CSV	N-5;	B747-400F	VP-BCH	OTHER	NA	CRASH AXE INSTALLATION IN MD
796	760	2019-03-05 - 14:53	ISK	D-1;	47-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
795	759	2019-03-05 - 12:48	ISK	N-1;	47-400F	VP-BCI	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
794	758	2019-03-05 - 12:39	ISK	N-1;	B747-400F	VP-BCI	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
779	743	2019-02-21 - 10:49	DAS	N-8;	B747-400F	VP-BCH	REPLAC. ENGINE	13771	PARTS NEED FOR REPLACEMENT OF ENGINE RB211-524 SERIES.
759	724	2019-01-25 - 12:11	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE
760	773	2019-04-25 - 12:03	ISK	N-1;	B747-400F	VP-BCH	REPLENISHMENT	HTC	TO BE CHANGE DUE TO EXPIRITY DATE

Below the table is a 'Shortage Materials Item List' window with the following data:

ID:	No:	Item:	IssueDate:	PN:	PN_SUBST_1:	PN_SUBST_2:	Description:	Qty:	Note:	UM:	Type:	Status:	PN_Known:	Min_Qty:	Category:	OrderNum:
2392	805	2	2019-05-06 - 11:56	3301KGAMS1			GENERATOR	1		EA	ROT	S	Y		M	PO 00505P-2019 D
2391	805	1	2019-05-06 - 11:55	LJ38415			DUCTASSY-AIR STARTER	1		EA	CON	S	Y		M	PO 00405P-2019 D

1. To view the items status of a particular shortage, view a Status-Quantity column:

- 'N' means a new item, just registered (in white color in the shortage materials item list);

- 'O' means an ordered item, but it's not in stock yet (in yellow color in the shortage materials item list);

- 'S' means an item in stock (in green color in the shortage materials item list).

2. You may also view a history of closed shortages by using a filter.

3. To view what shortages different department ordered, use a line maintenance/base maintenance/engineering/work shop/stock/history-search tab.