

RAMCO AVIATION SOLUTION

ENHANCEMENT NOTIFICATION

Version 5.8.3

Maintenance

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What's New in the Work Reporting Hub?

To default tasks or discrepancies selected to facilitate part request

Reference: AHBG-14390

Background

The Parts Hub screen independently retrieves the existing material requests for all the tasks / discrepancies in the AME Ref. #. Alternatively, users could navigate to the Parts Hub to create part requests for tasks / discrepancies selected in the Work Reporting Hub screen. However, this meant users had to create material requests for each selected task separately. This was time consuming and since creating material request for parts is a repeated nevertheless crucial action, an enhancement to automatically copy the data from tasks / discrepancy for part requests was identified.

Change Details

The retrieval of part requests for tasks / discrepancies will now be based on the value of the process parameter "Default fetch of selected tasks/discrepancies from Work Reporting Hub in Parts Hub?" under entity type 'Package Type' and entity 'All Packages' in the "Define Process Parameters" activity of Common Master.

Further, this enhancement creates blank requests containing the necessary task / discrepancy information. To this, the user can add specific part details, such as Part # and Ordered Qty to complete the request in the shortest time.

The below table illustrates the part request retrieval mechanism in the multiline based on the process parameter value.

Process parameter value	Multiline impact
0 / Not Required	The multiline displays all existing part requests of tasks / discrepancies selected in the Work Reporting Hub.
1 / Required without Existing Records	The multiline displays only blank requests for tasks / discrepancies.
2 / Required with Existing Records	The multiline retrieves all available part requests for tasks / discrepancies selected in the Work Reporting Hub followed by blank part requests.

Exhibit 1: The Work Reporting Hub screen

Work Reporting Hub

I want to Create Work on Aircraft Maint. Exe. # VP-001122-2017 Reporting Date Time FH 304.00 HRS FC 0.00 CYC

VP-001122-2017 Package Type Aircraft Reg # 842 Work Center # YEG-500-00 Complete Quick Links Print

Document Info

Package Dates
 Planned Start Jun 21 2017
 Actual Start Jun 29 2017
 Planned End Jun 21 2017
 Actual End
 Delayed Start by 8 Day (s)

Work Progress
 Tasks (Open/Total) 3 / 3
 Discreps. (Open/Def/Total) 0 / 0 / 0
 Tot. Est. Man Hrs. 3
 Tot. Act. Man Hrs. 0
 0% Completed

Object Info
 A/C Model # B767-200
 A/C MSN 842
 Last JLog # JL-0001182013
 Next Due in

Reference Info
 Log Ref#
 Station YEG
 Exe. Category 1-Repair
 CAPEX Prop. #
 AOG Priority

Material Info (Pending / Total)
 Request 1 / 2
 Issue 0 / 1
 Replace 2 / 3
 Return 1 / 1
 Parts Hub

Task | Discrepancy

3 ALL | 2 Planned | 1 In-Progress | 0 Completed | 0 Other | View: Simple Detail

#	Error	CS	IWS	Seq	Task #	ATA #	Description	Execution Comments	Status	Source Task/Discrep.
1				1	NST-004669-2017	00-00	test		In-Progress	
2				2	NST-004670-2017	32	test		Planned	
3				3	NST-004671-2017	21	test		Planned	
4										

Tasks / discrepancies selected in the multiline parameters

Start Clock Stop Clock Reset Save Complete Report Discrep. Task Action Hold Release

Exhibit 2: The Parts Hub screen

Parts Hub

Search VP-001122-2017 Task / Discrep. # Type Status Description Rep. Time

Part Requirements / Request Part Attach / Remove

2 ALL | 0 Material Not Available | 0 Need Date Crossed | 0 Pending New Part Creation | View: Simple Detail

#	Error	MS	AVL	Source Task/Discrep. #	Seq #	Tracking #	Part #	Required Qty	Qty. Available	UOM	Priority	Stock Status	Warehouse #	Part Description	Need Date
1				NST-004669-2017	1										
2				NST-004670-2017	2										
3				NST-004671-2017	3										
4		No		NST-004669-2017	1.00	1	1475M64G01:074	3.00	0.00	FA	Normal	Aveos Owned - 0123		SHIFD	2017-06-29
5		Yes		NST-004669-2017	1.00	1	OPTIMOLYWHITET:		7.00	EA	Normal	Aveos Owned - 0123		ANTI FRETTING	2017-06-29
6															

Save Part Requirement Request Part Check Part Avl

Available part requests for Tasks / discrepancies selected in the multiline parameters

What's New in Shop Work Order?

Ability to indicate the work status for 'Make' Work Orders with in CoM and CoC report

Reference: AHBG-14141

Background

As a part of standard industry practice in Aviation, when a new part is manufactured, the part will be identified as "Prototype" and the organization will request for its approval from concerned regulatory authorities. On receipt of approval the part will be identified as 'New'. Prior to the approval, the work status of the shop work order for the manufactured part should be displayed as 'Prototype' and upon approval the work status should be replaced as 'New' in the Certificates of Maintenance and Conformity.

Change Details

In the Issue Certificates screen, the following changes have been incorporated to indicate the work status of the shop work orders with job type as 'Make' for the manufactured parts:

- In the Certificate of Maintenance tab, the following check boxes have been added:
 - New: Indicates the part has been approved for use.
 - Prototype: Indicates the part is awaiting approval for use.
- In the Certificate of Conformity tab, the following check boxes have been added:
 - New: Indicates the part has been approved for use.
 - Prototype: Indicates the part is awaiting approval for use.
 - Fabricated: Indicates the part has been fabricated.
 - Modified: Indicates the part has been modified to create a variant of the part.



Note: The system allows users to select the above check boxes only for work orders of job type 'Make' in both Certificate of Maintenance and Certificate of Conformity tabs.

Further, as part of the enhancement, a process parameter "Auto-selection of Work Status for work orders with Job Type 'Make' during issue certificates?" under the entity type Shop Work Order and entity User-Defined Values in the Define Process Entities activity of Common Master has been added to default the selection of the Inspect, Repair, Overhaul, and Modify check boxes based on the job type of work orders in the Certificate of Maintenance tab.

The following table illustrates the functioning of the process parameter.

Process parameter Value	Impact
1	The Inspect, Repair, Overhaul, and Modify checkboxes remain selected on launch of the page depending on Work Status/Repair Process Code of the work order.
0	The Inspect, Repair, Overhaul, and Modify checkboxes remain blank.

Exhibit 1: Identifies the check boxes introduced in the **Certificate of Maintenance** tab of the **Issue Certificates** screen

The screenshot shows the 'Issue Certificates' application window. The 'Certificate of Maintenance' tab is selected. The interface includes sections for 'Issue Details', 'Main Core Details', 'Reference Details', 'Certificate Details', 'Document Attachment Details', and 'Authorization Details'. A yellow callout box highlights the 'New' and 'Prototype' checkboxes under the 'Inspected/Tested' section, with the text 'New check boxes for 'Make' work orders'.

Exhibit 2: Identifies the check boxes introduced in the **Certificate of Conformity** tab of the **Issue Certificates** screen

The screenshot displays the 'Issue Certificates' application interface, specifically the 'Certificate of Conformity' tab. The interface is organized into several sections:

- Select Action:** Includes radio buttons for 'Create Certificate', 'Reprint Certificate', and 'Replace Certificate'. It also features a 'Reference Type' dropdown set to 'Work Order #', a 'Reference #' search field, and a 'Get Details' button.
- Issue Details:** Contains fields for 'Certificate #', 'Numbering Type' (set to 'COC'), 'Printed?', '# of Copies', 'Certificate Status', and 'Replaced Cert #'.
- Main Core Details:** Lists various identifiers including 'Part #', 'Mfr. #', 'Lot #', 'Mfg. Serial #', 'Component #', 'Serial #', 'Mfr. Part #', 'Quantity', 'Mfg Lot #', 'Multiple Cores?', and 'Part Description'.
- Reference Details:** This section is highlighted with a red box. It includes fields for 'Work Order #', 'Customer #', 'Ref Doc #/Rev #', 'Issued to' (set to 'Customer PO #'), 'Order Description', 'Customer Order #', 'Rev Date', 'Issue Doc #', 'Event #', 'Customer PO #', 'Type of Work' (set to 'Advance Excha'), and 'Final Disposition' (set to 'I-REPAIR'). Below these fields are four checkboxes: 'New', 'Prototype', 'Modified', and 'Fabricated'. A yellow callout box points to these checkboxes with the text 'New check boxes for "make" work orders'.
- Certificate Details:** Features a 'Certifying Remarks' text area and two radio buttons for printing: 'Print MRO C of C' (selected) and 'Print Part 21 C of C'.
- Document Attachment Details:** Includes a 'File Name' field, 'Upload Documents' button, and 'View Associated Doc. Attachments' link.
- Authorization Details:** Contains fields for 'Employee Code' (00041383), 'License #' (00041), 'Skill Code' (01), 'Employee Name' (SENECHAL, DOMINIC), 'Authorization #', 'Issued Date' (29-06-2017 10:39:23 A), 'Primary Workcenter #' (185-06), and 'Authorization Ref #'. It also includes 'Save', 'Preview', 'Approved & Print', and 'Cancel' buttons, along with 'Created by', 'Created Date', 'Modified by', and 'Modified Date' fields.

Exhibit 3: Identifies the process parameter introduced in the **Define Process Parameters** screen of Common Master

Set Process Parameters

Entity Type: Shop Work Order Type Entity: AWO

Record Status: Active Process Parameters Defined?: Yes

#	Process Parameter	Permitted Values	Value	Status	Error Message
26	Automatically stop running dock of another employee during completion of Task?	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
27	Auto-selection of Work Status for work orders with Job Type 'Make' during issue certificates?	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
28	Backdated reporting Time Limit (in days)	Enter a positive integer	100	Defined	
29	Basis of grouping tasks for printing Task Cards?	Enter '0' for 'Repair Scheme Hierarchy', '1' for 'WBS Level'.	0	Defined	
30	CoM Req'd?	Enter '0' for 'Not Required', '1' for 'As Required'	2	Defined	
31	Component Replacement Numbering Type	Enter a valid Document Numbering class	REPL	Defined	
32	Default Category	Enter a valid Document Numbering class that the Entity type 'Category'	1-Repair	Defined	
33	Default Numbering Type	Enter a valid Document Numbering class	ACWO	Defined	
34	Default Priority Code	Enter a valid Document Numbering class that the Entity type 'Category'	NRM	Defined	
35	Default Shop Work Order Type for Auto generated Miscellaneous work orders?	Enter '0' for 'No', '1' for 'Yes'	0	Defined	
36	Default Shop Work Order Type for Auto generated Project work orders?	Enter '0' for 'No', '1' for 'Yes'	0	Defined	
37	Default Sign-Off requirement for Non-Routines ?	Enter '0' for 'Mechanic', '1' for 'Mechanic & Inspector', '2' for 'Inspector', '3' for 'As Required'	0	Defined	
38	Default Task for Workscope Time booking	Enter a valid component/engine task.	3-00000003	Defined	
39	Discrepancy Numbering Type	Enter a valid Document Numbering Type defined in Document Numbering class	CDP	Defined	
40	Display of Planning Task in Tree in RSED screen?	Enter '0' for 'Not Required', '1' for 'Work Scoping Task', '2' for 'Work Scoping and	0	Defined	
41	Enforce confirmation of estimations on release for internal orders?	Enter '0' for 'Not Required', '1' for 'Required', '2' for 'As Required'	0	Defined	
42	Enforce Excess/Core Returns on order closure ?	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
43	Enforce Ref. doc. # for CoM	Enter '0' for 'Non-mandatory', '1' for 'Mandatory'	0	Defined	
44	Enforce Sign-Off ?	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
45	Estimation Required for Internal orders?	Enter '0' for 'Not Required', '1' for 'Required'.	0	Defined	
46	Hold Code for Pending Estimate - Internal Orders	Enter a valid Hold Code with 'Caused by' set as 'Internal' and with 'Initiation Level'	PE-INTERNAL	Defined	
47	Issue CoM Report Generation Grouping for the Print option - One Certificate per Item	Enter '0' for 'Lots', '1' for 'Mfr.Lot#'	1	Not Defined	
48	Material Movement Document Print on Requisition from Planner	Enter '0' for 'Not Required', '1' for 'Required'	1	Defined	
49	Numbering Type for Main Core Material Requests	Enter a valid Document Numbering Type defined in Document Numbering class	SMR	Defined	
50	Numbering Type for Maintenance Issue	Enter a valid Document Numbering Type defined in Document Numbering class		Not Defined	

Set Process Parameters

New process parameter for default selection of check boxes for 'Make' work orders

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