



ramco



# Ramco Aviation Solution

## Version 5.7.3

**Enhancement Notification**

Materials

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## WHAT'S NEW IN PART DATA CHANGE?

### Ability to default Configuration Control Basis

*Reference: AHBf-6618*

#### Background

The attachment of components to NHA / Aircraft is governed by the 'Configuration Control Basis' set for the Part i.e., Part Effectivity or Config. Rules. Currently, the user needs to manually select a value for Configuration Control Basis post Part Data Change where the Part Type is modified to "Component". Business need is to provide a capability to automatically default Configuration Control Basis based on a set option.

#### Change Details

A new set option "Default Config. Control Basis for Component Parts" is added under the Entity "Part Administration" in the **Define Process Entities** activity of the **Common Master** business component. The option can be set as "Part Effectivity" or "Config. Rules". During Part Data Change, where the Part Type is modified to "Component", system will update the Config. Control Basis for the part with the chosen option.

Also, whenever a new Component Part is created from the **Create Quick Parts** screen under **Part Administration** business component, Config. Control Basis for the part will be updated with the chosen option i.e., Part Effectivity or Config. Rules. However, the user can modify the defaulted value using the **Maintain Maint. Info for Parts** screen.

In addition to the above, whenever a Component Part is activated from the **Edit Parts Main Information** screen, the system will validate if the Maintenance Information "Phase-Out Policy" and "PMA?" has been entered for the part if the Part Type is "Component".

**Exhibit 1:** Identifies the option in the **Define Process Entities** screen

The screenshot shows the 'Set Process Parameters' window. At the top, 'Entity Type' is set to 'Tech Records Process Ctrl' and 'Entity' is 'Part Administration'. Below this, the 'Process Parameter List' table is displayed. The first row is highlighted with a red box, and a yellow callout points to it with the text 'New option for defaulting 'Config. Control Basis''.

#	Process Parameter	Permitted Values	Status
1	Default Config. Control Basis for Component Parts	Enter "0" for 'Part Effectivity' and "1" for 'Config. Rules'	Defined
2			

## WHAT'S NEW IN LOAN/RENTAL RECEIPT?

### Ability to record Mfr. Date for Components

*Reference: AHBf-4794*

#### Background

Manufacture Date (Mfr. Date) is the basis for initialization of maintenance tasks for most of the component parts. However the capability to specify Mfr. Date is not available in Loan / Rental Receipt and user is required to update Mfr. Date using **Edit Component Record** activity under **Aircraft** business component. Business requirement is to provide a facility to enter Mfr. Date while receiving components i.e., Part # – Serial # combination is new to the system.

#### Change Details

A new field "Mfr. Date" is added in the following screens of the **Loan / Rental Receipt** business component.

- Create Loan / Rental Receipt
- Edit Loan / Rental Receipt
- View Loan / Rental Receipt

In order to enforce entry of Mfr. Date for the components (if Part # - Serial # combination is new to the system) received through Loan / Rental Receipt, a new set option "Mfr. Date for New Components" is added in the **Purchase Option Settings** screen of the **Logistics Common Master** business component. The option can be set as "Mandatory" or "Optional" as required.



*Note: If the option is not set, system will consider it as "Optional" by default.*

**Exhibit 1:** Identifies the Mfr. Date field added in the Create Loan/Rental Receipt screen

**Create Loan / Rental Receipt**

**Ref. Document Part Information**

Part #	0-400PSI:61049	Part Description	0-400 PSI GAUGE	Part Type	Component
Part Control Type	Serial Controlled	Serial #		Lot #	
Component #		Condition	New	Order Quantity	1.0000
Pending Quantity	1.0000				

**Consignment Details**

Packing Slip #	LO-000017-2014	Packing Slip Date	2015/01/23	Gate Pass #	
Way Bill #		Way Bill Date		Gate Pass Date	
Comments	Part sent along with a Carton				

**Receipt Part Information**

Part #	0-400PSI:61049	Get Details	Receipt Quantity	1.0000	Part Description	0-400 PSI GAUGE
Manufacturer Serial #	105.267		Serial #	105.267	Component #	
Manufacturer Lot #			Lot #			

**Certificate Details**

Certificate Type	PART 21 8130-3	Certificate #	8130-3 12 (A)	Certificate Date	2015/01/01
Expiry Date		Mfr. Date	2014/12/01	System Tracking Ref #	
Tag Details	Serviceable Tag	Warranty Lapse Date		Authorization #	

**Inspection Details**

Accepted Quantity	1.0000	Rejected Quantity		Quarantined Quantity	
Condition	New	Inspected By	01010	Inspected Date	2015/01/31

New field "Mfr. Date"

**Exhibit 2:** Identifies the option added in **Purchase Option Settings** screen

**Purchase Option Settings**

Apportion Doc TCDs to Line Items on: Basic Value

Def.Component # for Inspection:

Component Maintenance Program Check: Non-Mandatory

Matching Type Policy: 4-Way

Mandatory Check for Source WC# in PR /PO/ RO: Required for non-execution related docs

Calculation of Shelf Life Expiry Date: Automatic

User Rights for Repair Agency Classification: Do not Enforce

**Additional Purchase Options**

Category: Loan / Rental Receipt

#	Category	Parameter	Permitted Value	Value	Status	Error Message
1	Loan / Rental Receipt	Mfr. Date for New Components	Enter '0' for 'Optional', '1' for 'Mandatory'	1	Defined	
2	Loan / Rental Receipt	Packing Slip #	Enter '0' for 'Optional', '1' for 'Mandatory'	1	Defined	
3	Loan / Rental Receipt	Way Bill #	Enter '0' for 'Optional', '1' for 'Mandatory'	1	Defined	
4						

Set Options

New parameter added to mandate Mfr. Date



## WHAT'S NEW IN GOODS INWARD?

### Ability to enforce entry of Mfr. Date for Components

*Reference: AHBf-4794*

#### Background

During Goods Inward, system needs to enforce entry of "Mfr. Date" for components where the Part # – Serial # combination is new to the system, as Mfr. Date is the basis on which maintenance tasks are initialized for most of the component parts.

#### Change Details

A new set option "Mfr. Date for New Components" is added in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component under the categories "Goods Inward – Regular Purchase", "Goods Inward – Customer Goods Receipt" and "Goods Inward – Repair Receipt". The option can be set as "Mandatory" or "Optional" as required.

If the option is set as "Mandatory", then, during receipt of components where the Part # – Serial # combination is new to the system, user will be enforced to enter the Mfr. Date. This validation is added in the **Serial/Lot Details** tab of the **Manage Goods Receipt** screen and the **Part Details** tab of the **Inspect Parts** screen.

Exhibit 1: Identifies the option added in Set Inventory Process Parameters screen

The screenshot shows the 'Set Inventory Process Parameters' interface. It includes a search criteria section, a search results table, and a 'Set Parameters' button at the bottom.

#	Category	Parameter	Permitted Value	Value	Status	Error Message
1	Goods Inward - Customer Goods	Mfr. Date for New Components	Enter '0' for 'Optional', '1' for 'Mandatory'	0	Defined	
2	Goods Inward - Regular Purchase	Mfr. Date for New Components	Enter '0' for 'Optional', '1' for 'Mandatory'	1	Defined	
3	Goods Inward - Repair Receipt	Mfr. Date for New Components	Enter '0' for 'Optional', '1' for 'Mandatory'	1	Defined	
4						

Identifies new options added

## WHAT'S NEW IN STOCK ISSUE?

### Ability to display Issued to Employee Name

*Reference: AHBf-4435*

#### Background

Ramco offers a capability to record the Employee Code of the person to whom the Parts are issued. Business requirement is to provide a visibility of the corresponding Employee Name.

#### Change Details

A new display only field "Employee Name" is added in the following screens of the **Stock Issue** business component.

- Create Issue
- Edit Issue
- Create Direct/Unplanned Issue
- Edit Direct/Unplanned Issue
- View Issue

The name of the Employee corresponding to the Employee Code will be displayed.

**Exhibit 1:** Identifies the Employee Name field in **Create Issue** screen

The screenshot displays the 'Create Issue' interface. At the top, there's a title bar and a toolbar. Below is a table with columns: #, Requested Part #, Requested Part Description, Issue Part #, Issue Qty., Txn UOM, Stock Status, and Remarks. The table contains two rows of data. Below the table, there's a 'Get' button and a 'Substitute Part as the Issued Part' option. The 'Other Details' section includes fields for 'Issue To' (01010), 'User Defined Detail - 1', 'Remarks' (Parts issued as per the request), and a new 'Employee Name' field (Mary-Lynn Harney) which is highlighted with a red box. A yellow callout bubble points to this field with the text 'New field "Employee Name"'. The 'Attachments' section is also visible. At the bottom, there's a 'Create Issue' button and several links: 'Edit Storage Information', 'Record Hazmat Compliance', 'Edit Issue', 'Generate MMD Report', 'Confirm Issue', and 'Generate Part Barcode Label'.

#	Requested Part #	Requested Part Description	Issue Part #	Issue Qty.	Txn UOM	Stock Status	Remarks
1	0-0110-3-0422:3636A	BOLT BOLT	0-0110-3-0422:3636A	1.0000	EA	Owned	Parts issued to work for the AME VP-000015-
2							

Get Substitute Part as the Issued Part

**Other Details**

Issue To 01010

User Defined Detail - 1

Remarks Parts issued as per the request

**Attachments**

Employee Name Mary-Lynn Harney

User Defined Detail - 2

Create Issue

Edit Storage Information  
Record Hazmat Compliance  
Edit Issue  
Generate MMD Report  
Confirm Issue  
Generate Part Barcode Label

## WHAT'S NEW IN KIT MANAGEMENT?

### Ability to manage Costing and Accounting during Build Kit

*Reference: AHBF-6407*

#### Background

When a kit is built from inventory, constituent parts are issued from stock and the kit part is moved into stock. The cost of the constituent parts that were issued needs to be accounted in the Finance module of Ramco Aviation Solution. Also, the kit part that is moved into stock needs to be valued based on its constituents.

#### Change Details

Following changes are managed as part the enhancement.

- Accounting of constituent parts that we issued during build kit process.
- Valuation of Kit Part in inventory as the sum of the value of its constituents.

In addition, following validations are included in **Part Administration** to ensure the Kit Part information is set up correctly if the kit can be built from inventory.

- Expense Type is set as 'Revenue'
- Valuation Method is set as 'Actual Cost'
- Expensing Policy cannot be set as 'On Receipt'

#### Accounting

##### Kit Issue Transaction:

When parts are issued for building a KIT, the value is debited to the Kit Suspense account.

Kit Suspense A/c Dr.

To Inventory/Stock A/c

##### Kit Return Transaction

When the KIT Part is returned to the Inventory after being built, the value of the KIT part is debited to the Inventory and the Kit Suspense is cleared off.

Inventory/Stock A/c Dr.

To Kit Suspense A/c

##### Prerequisite:

KIT Suspense Account has to be mapped to the Pre-defined Usage: KITSUSP in the ARD-Additional Account Definition.

## WHAT'S NEW IN PRODUCT STABILITY?

<b>Area of Stability</b>	<b>Improvement Description</b>
<i>Check Part availability</i>	<ul style="list-style-type: none"> <li>• <i>Correction in computation of alternate quantity</i></li> <li>• <i>Performance improvements while arriving at Part Qty in Transfer Warehouses</i></li> </ul>
<i>Fine-tuning 'View purchase order'</i>	<ul style="list-style-type: none"> <li>• <i>Correction in duplicate display in many scenarios &amp; display of accurate scheduled date information</i></li> <li>• <i>Performance improvements by fine-tuning indices</i></li> </ul>
<i>Part Serial Lot History</i>	<ul style="list-style-type: none"> <li>• <i>Correction in display when the transaction UOM is different from the stock UOM</i></li> <li>• <i>Appropriate part control type displays for parts with control data changes</i></li> <li>• <i>Material loss transaction visibility</i></li> </ul>
<i>Goods Receipt Integration</i>	<ul style="list-style-type: none"> <li>• <i>Corrections in compliance updates for repair receipt</i></li> <li>• <i>Issues in routing pertaining to</i> <ul style="list-style-type: none"> <li>- <i>Zone bin allocation</i></li> <li>- <i>Customer order approvals prior to routing</i></li> <li>- <i>Allocation</i></li> </ul> </li> <li>• <i>Re-testing of the GI integration and posting to related functions</i></li> </ul>
<i>Return Cost computation</i>	<ul style="list-style-type: none"> <li>• <i>Return cost accuracy improved for scenarios where more than one main core issue happens on the same work order</i></li> </ul>

### **Corporate Office and R&D Center**

Ramco Systems Limited,  
64, Sardar Patel Road, Taramani,  
Chennai – 600 113, India  
Office + 91 44 2235 4510 / 3090 4000  
Fax +91 44 2235 2884  
Website - [www.ramco.com](http://www.ramco.com)