Ramco Aviation Solution

Version 5.7.3

Enhancement Notification

Materials

DISCLAIMER

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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

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

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

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

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

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?

Area of Stability	Improvement Description
Check Part availability	• Correction in computation of alternate quantity • Performance improvements while arriving at Part Qty in Transfer Warehouses
Fine-tuning 'View purchase order'	• Correction in duplicate display in many scenarios & display of accurate scheduled date information • Performance improvements by fine-tuning indices
Part Serial Lot History	• Correction in display when the transaction UOM is different from the stock UOM • Appropriate part control type displays for parts with control data changes • Material loss transaction visibility

Goods Receipt Integration	• Corrections in compliance updates for repair receipt
	• Issues in routing pertaining to
	  - Zone bin allocation
	  - Customer order approvals prior to routing
	  - Allocation
	• Re-testing of the GI integration and posting to related functions

Return Cost computation	• Return cost accuracy improved for scenarios where more than one main core issue happens on the same work order

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