Ramco Aviation Solution

Version 5.7.3

Enhancement Notification

Maintenance

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WHAT'S NEW IN AVERAGE UTILIZATION UPDATE SCHEDULER?

Ability to update the existing Average Utilization Value only if the updated value is within the allowable percentage

Reference: AHBF-7269

Background

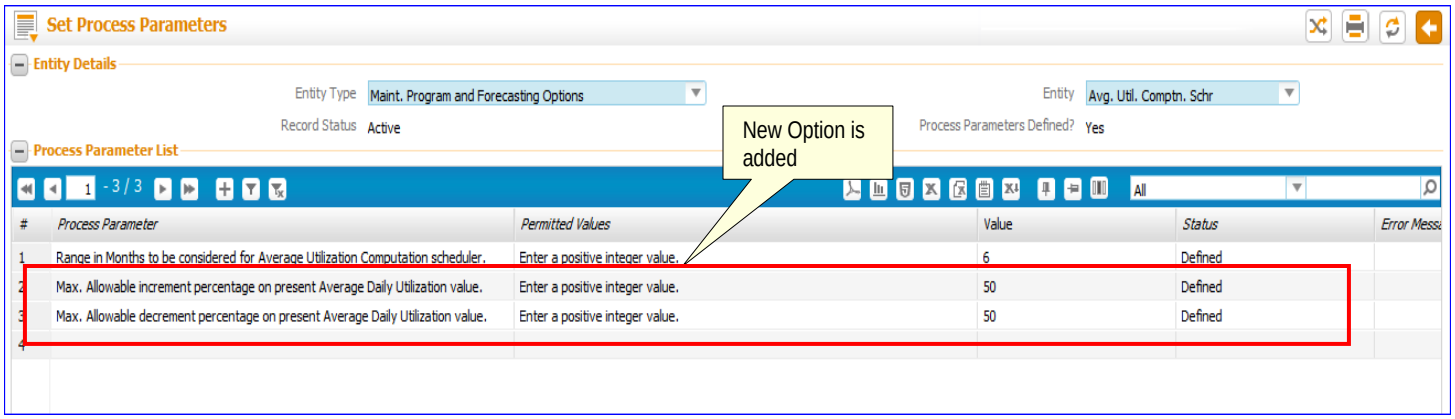
Average Utilization Scheduler updates the existing Average Utilization Value for Aircraft and its attached Components based on the past consumption on the Aircraft and Component. For some business reasons, user manually updates parameter value with high delta values (some time manual entry for greater than 1000 FH). Because of this high value, system computed the high Average Utilization value which resulted in forecasting the tasks earlier than the expected schedule dates.

Change Details

With this feature, new Process parameter has been added in the **Define Process Entities** activity to configure the allowable increment and decrement percentage for the existing Average Utilization value.

Average Utilization Scheduler will update the existing Average Utilization value only if the computed value is within the allowable increment / decrement percentage as defined in the process parameter. If the computed value is outside the allowable percentage, then the existing value will be retained.

Exhibit 1: Set Process Parameters



WHAT'S NEW IN MAINTENANCE TASK?

Facility to upload tasks in bulk

Reference: AHBF-6391

Background

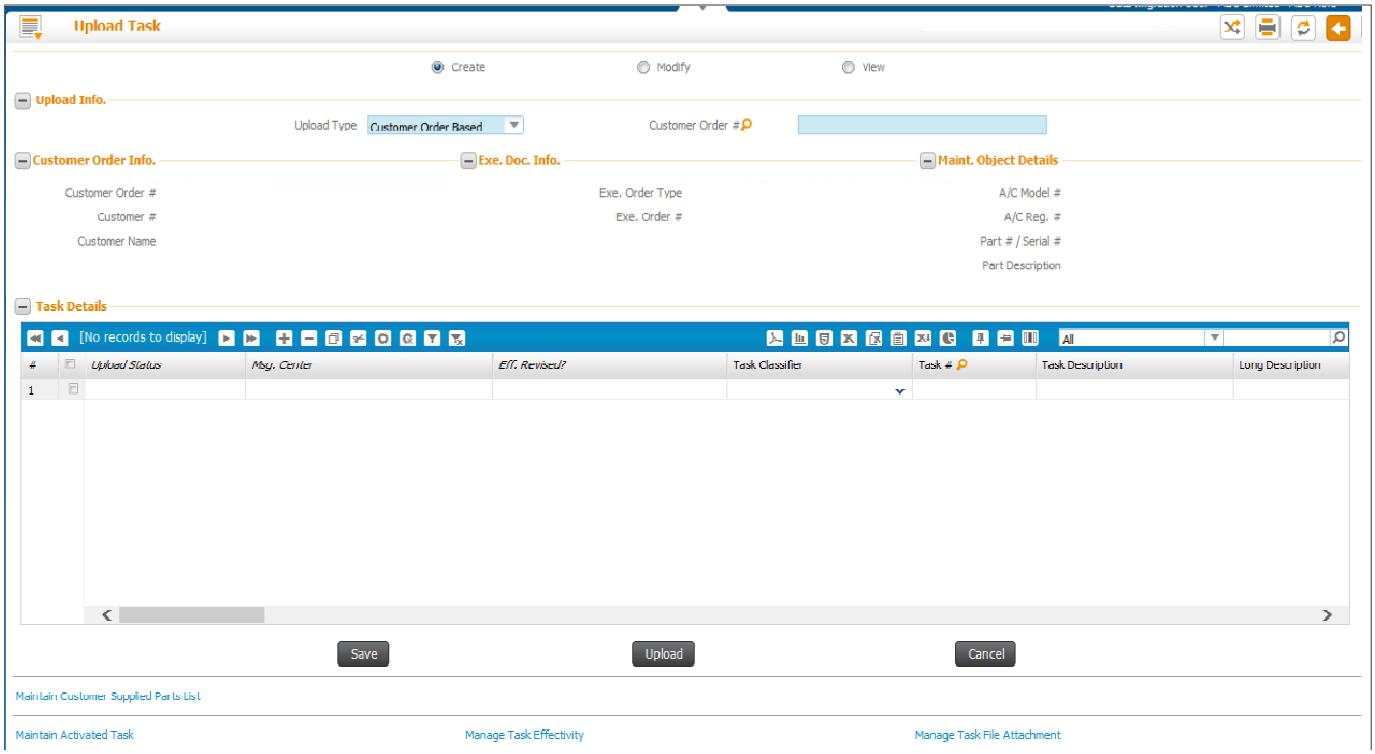
As a general practice, approved MRO organizations / Airline Operators, having capabilities for performing heavy aircraft maintenance checks, receive task card list from customer that are to be carried out on the customer aircraft. Setting up Work Execution Documents within an ERP application used by these MROs/Operators can sometimes be a laborious process.

Current enhancement in Ramco Aviation M&E solution brings the capability to quickly setup tasks within A/C Maint. Exe. Ref. Documents by direct upload of customer supplied tasks into the task master library and execution document in one go, easing the effort spent on task creation in system master library and manual addition of tasks into corresponding maintenance execution documents.

Change Details

To facilitate bulk upload of tasks, a new activity **Upload Task** has been made available under the **Maintenance Task** business component.

Exhibit 1: Upload Task activity



Activity Specifics:

1. Three modes of usage are available in Task Upload activity:
   a. Create: For creating a new Task Upload # reference.
   b. Modify: To make modifications to an existing Task Upload # reference which is in “Fresh” / “Error” status.
   c. View: To view upload details of an existing Task Upload # reference
2. Two types of task upload are supported as listed in ‘Upload Type’ combo:
   a. Direct: When tasks need to be uploaded into the task master library alone. These type of uploads will not have a Customer Order / A/C Maint. Execution reference
   b. Customer Order Based: Used when tasks need to be uploaded into task master library as well as a Customer Order & its corresponding A/C Maint. Exe. Ref. Document.
3. Upload Info. Section (header): This section contains the following fields:
   a. Task Upload #: Unique system generated # which groups set of tasks that are provided for upload. Task Upload # is generated based on numbering options

defined for "Task Bulk Upload" transaction in the interacting **Document Numbering Class** business component.

b. Upload Type: Direct / Customer Order Based

c. Upload Status would hold one of the following values:

- Fresh – Records have been saved but not uploaded
- Cancelled – Task Upload # has been cancelled and is not valid anymore
- Error - One or more records have an error within them
- Under Processing – Task Upload has been initiated and is in-progress
- Processed – Task Upload has been completed successfully

4. Task Details multi-line:

a. Upload Status – Indicates status of individual record. Will hold values similar to that mentioned in point 3 (c) above.

b. Msg. Center – All error / informational messages will be concatenated and displayed in this field.

c. Eff. Revised – Indicates whether task upload will undergo modifications to task effectivity definition in system. This field will display values "Yes" / "No".

d. Task Classifier:

i. New – Task #s that are not already available in the task master library. Upload of tasks flagged as "New" will result in creation of a new task.

ii. Existing – Task #s that are already available in the task master library. Upload of tasks flagged as "Existing" will not affect tasks in mater library.

iii. Revised – Applicable to Task #s that are already available in the task master library. Upload of tasks flagged as "Revised" will result in revision of an existing task. New revision of task will be set in "Active" status & the previous revision will automatically be set as "Inactive".

Note: More than one Zone # reference can be provided for each task by providing them separated using Comma (",") delimiter.

e. Part # provided against each task can be auto-generated if 'Part Template Category' / 'Copy From Part #' reference is provided. System will create the new part by copying attributes based on Part Template Category / Copy From Part # reference provided.

*Note: Part Template Category can be defined in the **Create Quick Codes** activity under the **Part Administration** business component. Part Template Category codes need to be mapped to corresponding Part #s already available in system via back-end options in the application.*

f. Part Classifier: This field will hold values "New" / "Existing". If Part # reference provided against task is not already available in system, the system will set Part

Classifier as “New”. This means, part creation in the system has to be automated during task upload process.

g. Plan Start Day: This field will accept natural numbers as input (1,2,3..). For customer order based uploads, Plan Start Dates of individual tasks in corresponding A/C Maint. Exe. Ref. Documents will be derived based on value supplied in Plan Start Day field.

h. Part Defn.: Indicates the number of parts identified as Task Part Requirement. This field is data hyper-linked to **Edit Task Part Requirements** page.

i. Resources Defn.: Indicates the number of resources identified as Task Resource Requirement. This field is data hyper-linked to **Edit Task Resource Requirements** page.

5. Actions supported:

   a. Save – To preserve task upload details provided. System will generate a unique Task Upload # reference on invoke of Save, if the same is not available.

   b. Upload – For initiation of task upload process.

   c. Cancel – To cancel task upload # references. Only Task Upload #s which do not contain any processed records will be eligible for cancellation.

6. Task upload is an offline process managed via a SQL Scheduler.

7. **Upload Task** activity is also available as a link from **Plan Aircraft Maintenance** activity (**Aircraft Maintenance Planning** business component).

Process Parameter Changes:

1. **Entity Type**: WBS Code, **Entity**: User Defined WBS Code, **Process Parameter** – “Default WBS code for Non-Routines” has been renamed as “Default WBS code for Non-Routines/Task Upload”.

2. **Entity Type**: Maintenance Task, **Entity**: Task, **Process Parameter** - “Numbering Logic” has been renamed as “Numbering Logic for manual task creation”.

3. **Entity Type**: Maintenance Task, **Entity**: Task, New **Process Parameter** has been added - “Numbering Logic for Task Upload”, Permitted Values – “Enter "0" for 'Manual', "1" for ' As configured for all WBS codes', "2" for ‘As configured for specific WBS codes'.

4. **Entity Type**: Maintenance Task, **Entity: Task**, New **Process Parameter** has been added - “Automatic update of task effectivity for existing tasks during customer order based task uploads”, Permitted Values – “Enter “0” for ‘Not Required’, “1” for ‘Required’”.

Pre-Requisites for Task Upload:

1. Numbering options to be defined for “Task Bulk Upload” transaction in the interacting **Document Numbering Class** business component.
2. Process Parameters – “Numbering Logic for Task Upload” & “Automatic update of task effectivity for existing tasks during customer order based task uploads” under **Entity Type**: Maintenance Task, **Entity**: Task in Define Process Entities activity, needs to have appropriate values defined.
3. Process Parameter – “Default WBS code for Non-Routines/Task Upload” under **Entity Type**: WBS Code, needs to be have appropriate value for a user defined WBS Code that can be used as a default during task upload.
4. If Part Template Category is being made used of for new part creation during task upload, Part Template Category codes need to be defined in **Create Quick Codes** activity of **Part Administration** business component. Part Template Category codes need to be mapped to corresponding Part #s already available in system via back-end options in application.
5. SQL Scheduler for Task Upload & Part Creation needs to be configured.

WHAT'S NEW IN CUSTOMER SERVICE ORDER?

Provision to record customer supplied parts list details

Reference: AHBF-6391

Background

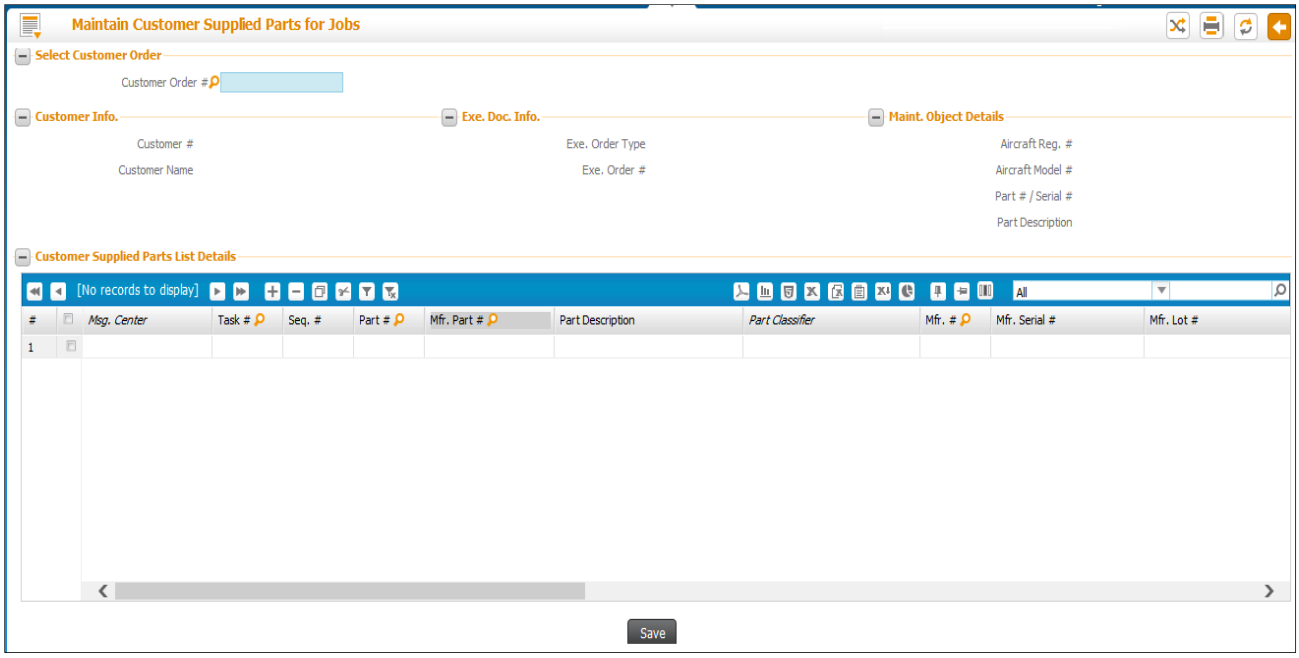
Approved MRO organizations / Airline Operators, having capabilities for performing heavy aircraft maintenance checks, sometimes receive parts from specific customers for maintenance of customer aircrafts.

Current enhancement in Ramco Aviation M&E solution brings the capability to record and maintain customer supplied parts list in system and also default the part details while receiving the parts from customer so as to reduce effort spent by the receiving clerk on keying in received part details into system.

Change Details

A new activity **Customer Supplied Parts List** has been made available under **Customer Services Order** business component.

Exhibit 1: Customer Supplied Parts List activity



Activity Specifics:

1. A valid Customer Order # reference needs to be provided when recording customer supplied parts list details. Enhancement is applicable only for aircraft jobs and hence only Customer Order #s having Applicability set as “Aircraft” can be provided.

2. Customer Supplied Parts List Details multi-line:

   i. Part # provided against each task can be auto-generated if Part Template Category / Copy From Part # reference is provided. System will create the new part by copying attributes based on Part Template Category / Copy From Part # reference provided.

*Note: Part Template Category can be defined in **Create Quick Codes** activity under **Part Administration** business component. Part Template Category codes need to be mapped to corresponding Part #s already available in system via back-end options in application.*

   ii. Part Classifier: This field will hold values – “New”/”Existing”

   iii. If Part # reference provided against task is not already available in system, system will set Part Classifier as “New”. This means, part creation in system has to be automated during task upload process.

3. System shall not allow any modification on part records which are already received into system via Goods Receipt transaction.

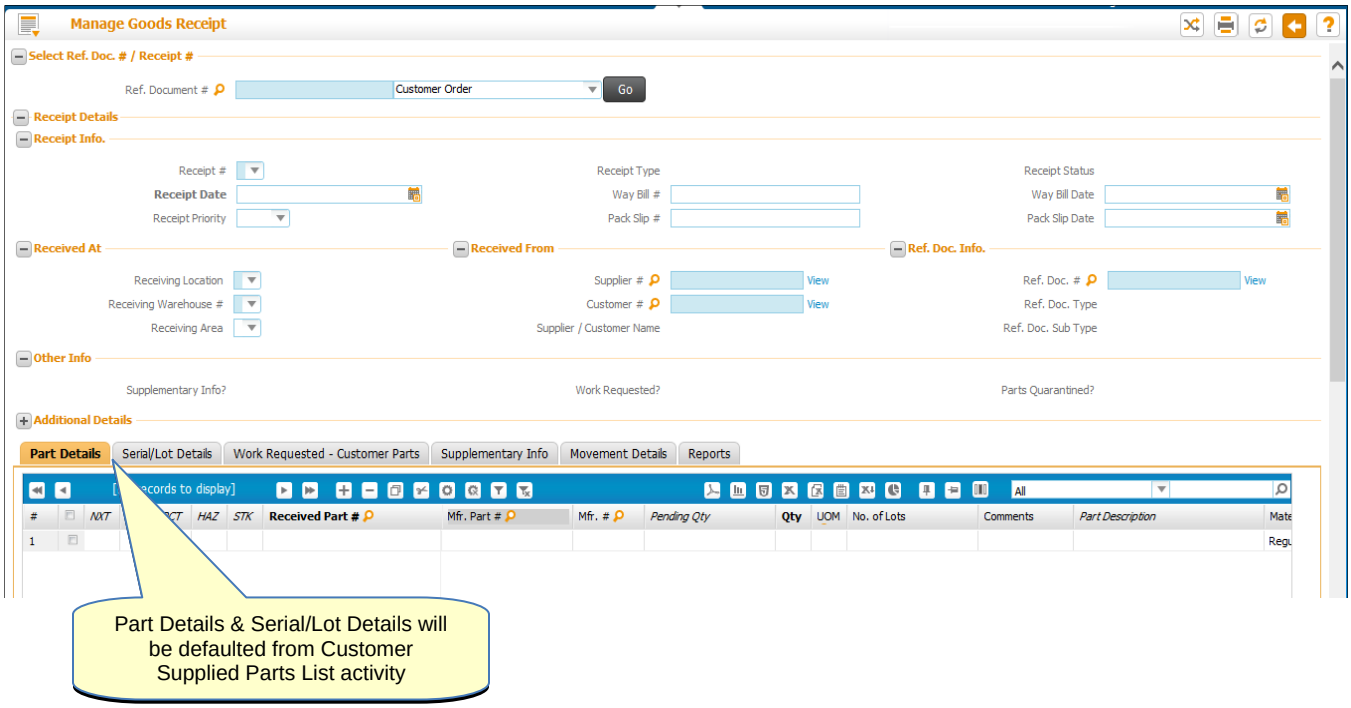
Note: Part creation is processed offline by a SQL Scheduler. As a pre-requisite, this scheduler needs to be configured.

Enhancement in Goods Inward Activity:

When receiving parts supplied by customer for aircraft maintenance, system shall default Part & Serial/Lot details in **Manage Goods Receipt** activity (**Goods Inward** business component) based on details provided in **Customer Supplied Parts List** page against the Customer Order # reference.

Note: Parts already received will be ignored during defaulting.

Exhibit 2: Manage Goods Receipt activity



WHAT'S NEW IN AIRCRAFT MAINTENANCE PLANNING?

Ability to display multiple instance of task in 121 Operator Aircraft Maintenance Due Report (Scheduled Operator)

Ability to retrieve the Component Removal task in Aircraft Maintenance Due Report based on Option setting

Reference: AHBF-6330

Background

Currently in Ramco Aviation, when user launches the Aircraft Maintenance Due Report system will display the first instance of the due task & due date.

In some business scenario, planner will review the multiple instances of the task & its due date in Aircraft Maintenance Due report for the given range (from date & to date).

Change Details 1:

As part of this changes user can view the multiple instance of the task with instance # & due date in 121 Operator Aircraft Maintenance Due Report.

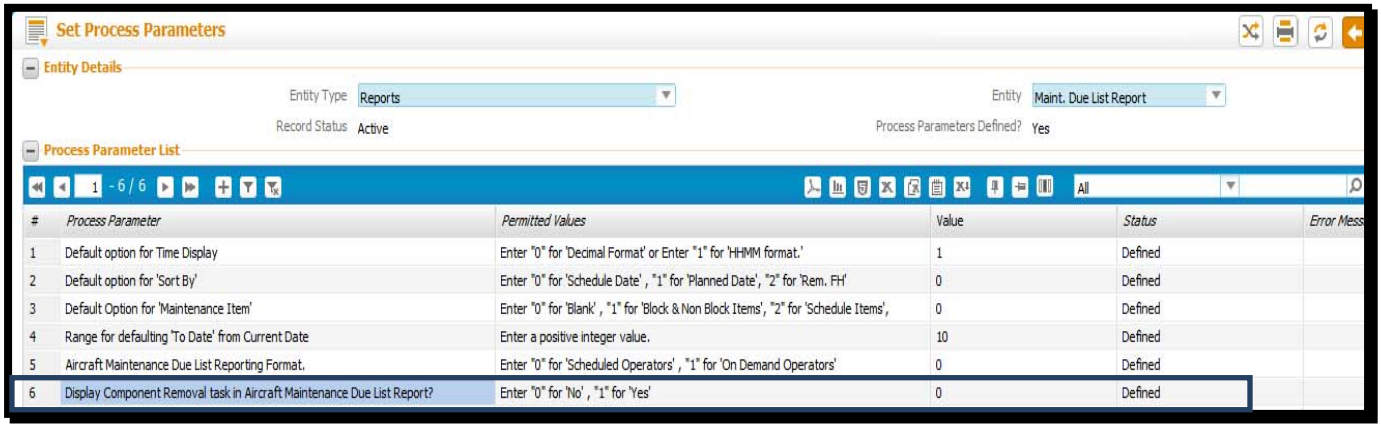
- When user launches the 121 Operator Aircraft Maintenance Due Report for the period (From date & To date), system will display all the instance of the task with instance # & due date for the given period.

Change Details 2:

Also we have added a new process parameter in **Define Process Entities** to retrieve Component Removal task in Aircraft Maintenance Due Report (121 Operators & 135 Operators)

- If the option 'Display Component Removal task in Aircraft Maintenance Due List Report?' is set as 'No' then Component Removal task will not be displayed in Aircraft Maintenance Due Report.
- If the option 'Display Component Removal task in Aircraft Maintenance Due List Report?' is set as 'Yes' then Component Removal task will be displayed in Aircraft Maintenance Due Report.

Exhibit 1:



#	Process Parameter	Permitted Values	Value	Status	Error Mess
1	Default option for Time Display	Enter "0" for 'Decimal Format' or Enter "1" for 'HHMM format.'	1	Defined	
2	Default option for 'Sort By'	Enter "0" for 'Schedule Date' , "1" for 'Planned Date', "2" for 'Rem. FH'	0	Defined	
3	Default Option for 'Maintenance Item'	Enter "0" for 'Blank' , "1" for 'Block & Non Block Items', "2" for 'Schedule Items',	0	Defined	
4	Range for defaulting 'To Date' from Current Date	Enter a positive integer value.	10	Defined	
5	Aircraft Maintenance Due List Reporting Format.	Enter "0" for 'Scheduled Operators' , "1" for 'On Demand Operators'	0	Defined	
6	Display Component Removal task in Aircraft Maintenance Due List Report?	Enter "0" for 'No' , "1" for 'Yes'	0	Defined	

Provision to select the Aircraft Maintenance Due Report format (121 Operators format or 135 Operator format) based on the option settings

Reference: AHBF-5375

Background

Aircraft Maintenance Due Report has two formats:

1. 121 operators format for schedule operators
2. 135 operators format for On-demand operators

Since any one of these formats is enough to manage their operations, we have added one option to select the due report format.

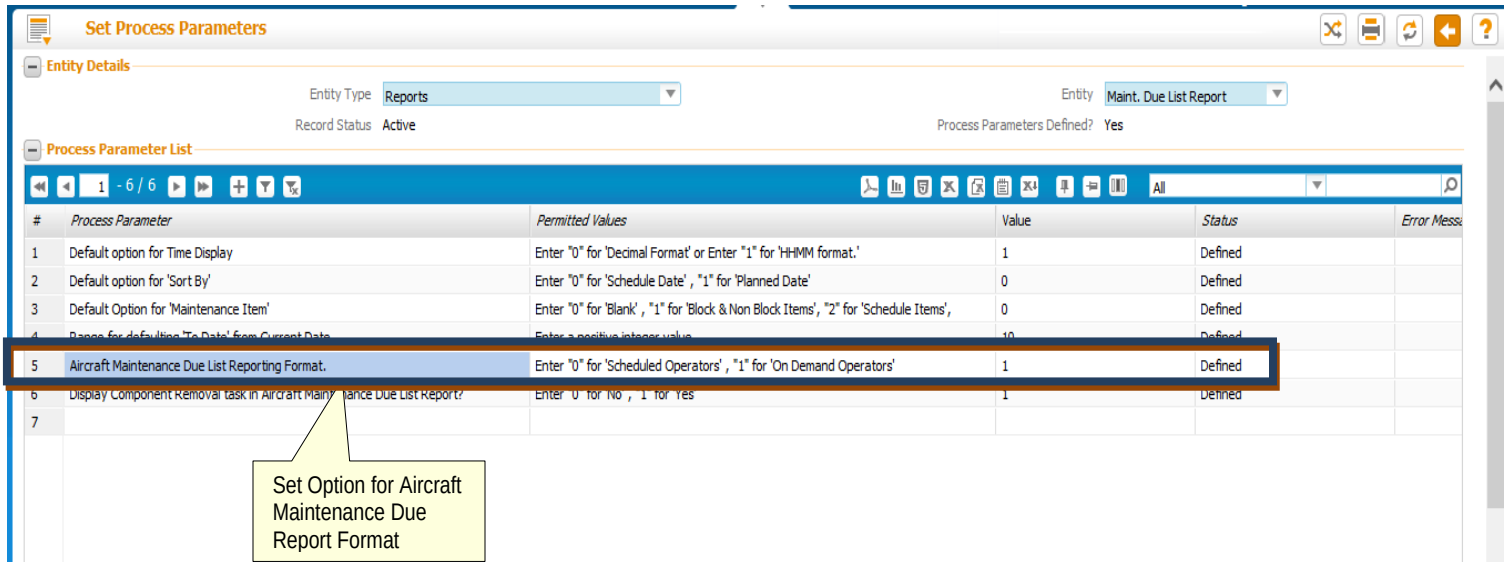
Change Details

As part of the enhancement, we have added the process parameter setting in **Define Process Entities** to select the Aircraft Maintenance Due Report format.

The set option '**Aircraft Maintenance Due List Reporting Format**' is added in **Define Process Entities** activity under the Entity Type '**Report**s' & Entity '**Maint. Due List Report**'. Permitted values are '0' for **Schedule Operators** (121 Operators) & '1' for **On Demand Operators.**

Note: Value should be defined against the set option.

Exhibit: 1

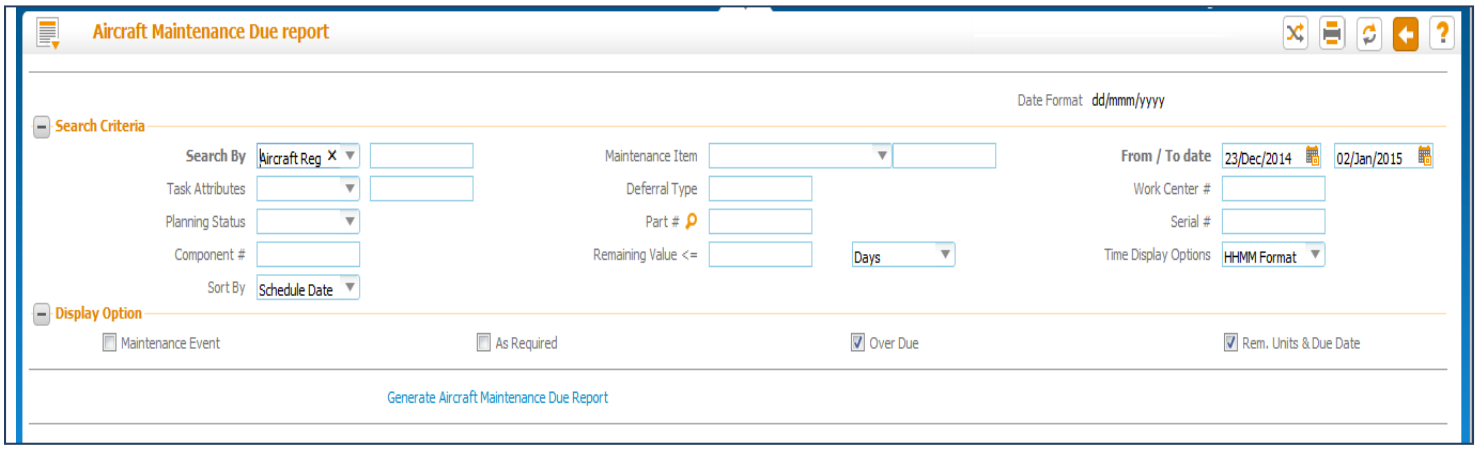


Important Points to be noticed:

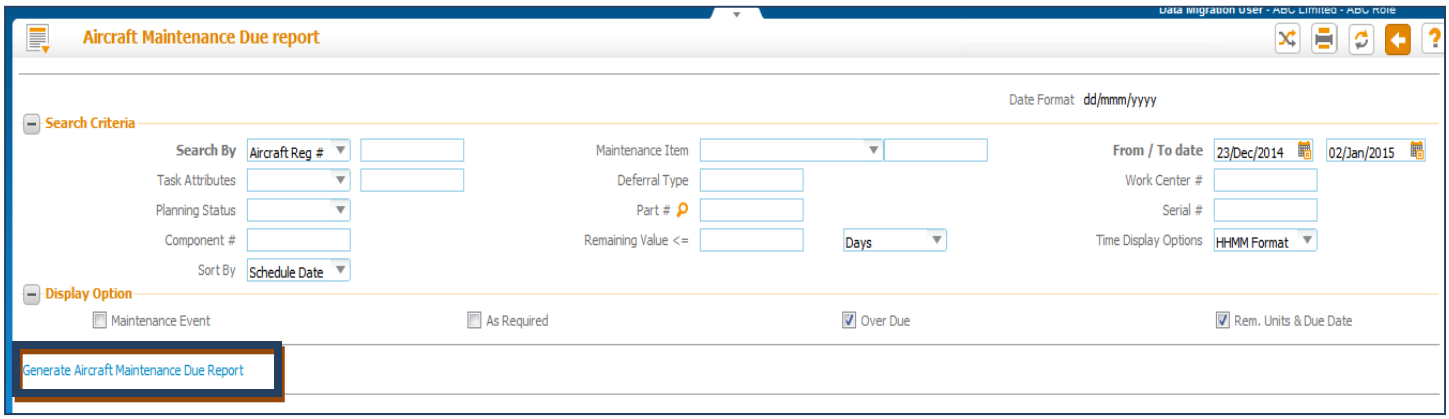
- Link name is changed as **Aircraft Maintenance Due Report**.
- Report format will be launched based on the option selected for the **Aircraft Maintenance Due List Reporting Format** in **Define Process Entities.**

Exhibit 2:

135 Operators Format (On Demand Operators)



121 Operators Format (Schedule Operators)



WHAT'S NEW IN ENGINEERING ORDER?

Enhancements in Engineering Documents activity

Reference: AHBF-4277

Background

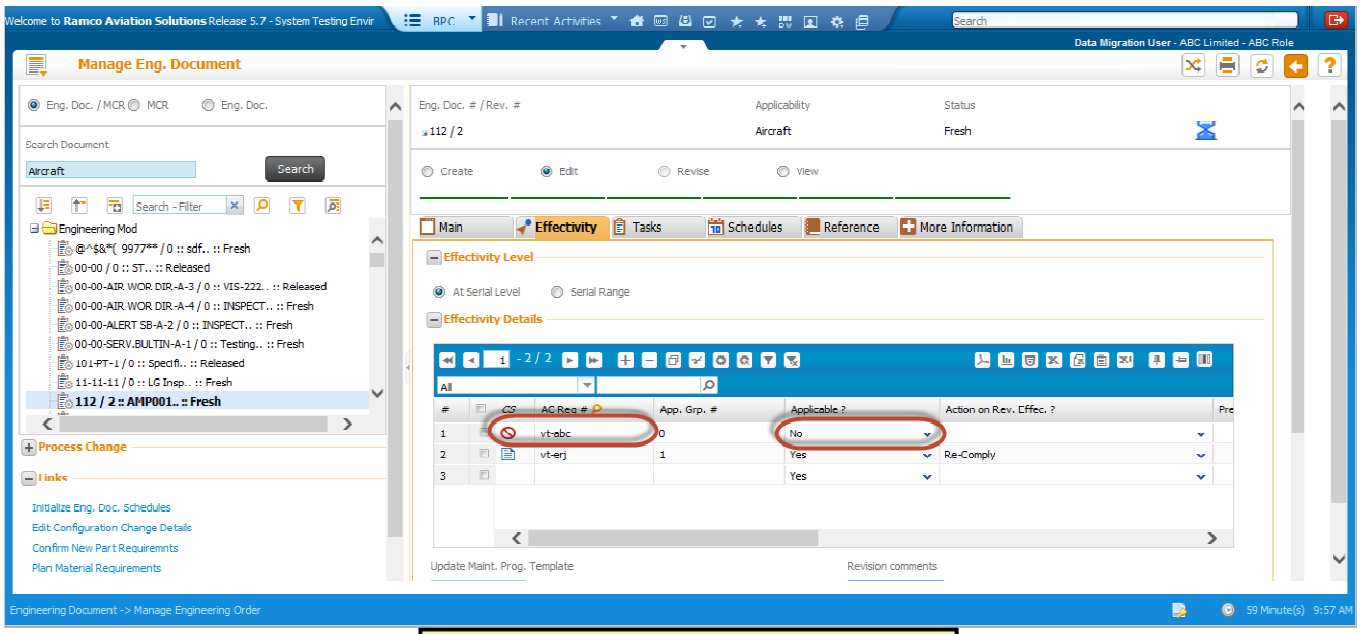
Ramco Aviation Solution provides a function to update task effectivity through Engineering Document transactions which at present handles only addition of task effectivity when applicability addition is effected in engineering document.

With this enhancement, the same function is updated to handle deletion of task effectivity when applicability removal is effected in the engineering document.

Change Details

This enhancement improves user experience by automatically deleting the task effectivity when applicability removal is effected through **Manage Engineering Document** screen.

Exhibit 1: System automatically deletes task effectivity on removal of applicability during revision of Engineering Document



System automatically deletes task effectivity from Manage Task Effectivity screen on applicability removal via Manage Engineering Document screen

Note: This deletion of task effectivity is applicable only for Engineering Documents with 'Aircraft' Applicability

Additional Change

This enhancement also updates task master when task modification is performed by Engineering Documents. This feature validates user to enter ‘New Rev #’ when user modifies any of the following attributes of task through Manage Engineering Documents.

1. Task
2. Description
3. Sch. Exec. Rule
4. Conditionally Eval.?
5. Initiate / Reset By
6. Category
7. Task Type
8. Operation Type
9. Est. Elapsed Time
10. Time Unit
11. Est. Man Hours
12. DSC #
13. AMM / CMM Item #
14. File Name
15. Long Description

Once ‘New Rev #’ is entered, 'Task Classifier' flips from "Existing" to "Improvised" and updating the task modification in Task Master with new revision.

Exhibit 2: System validates to enter New Revision # when user tries to modify an existing task through **Manage Engineering Document** screen.

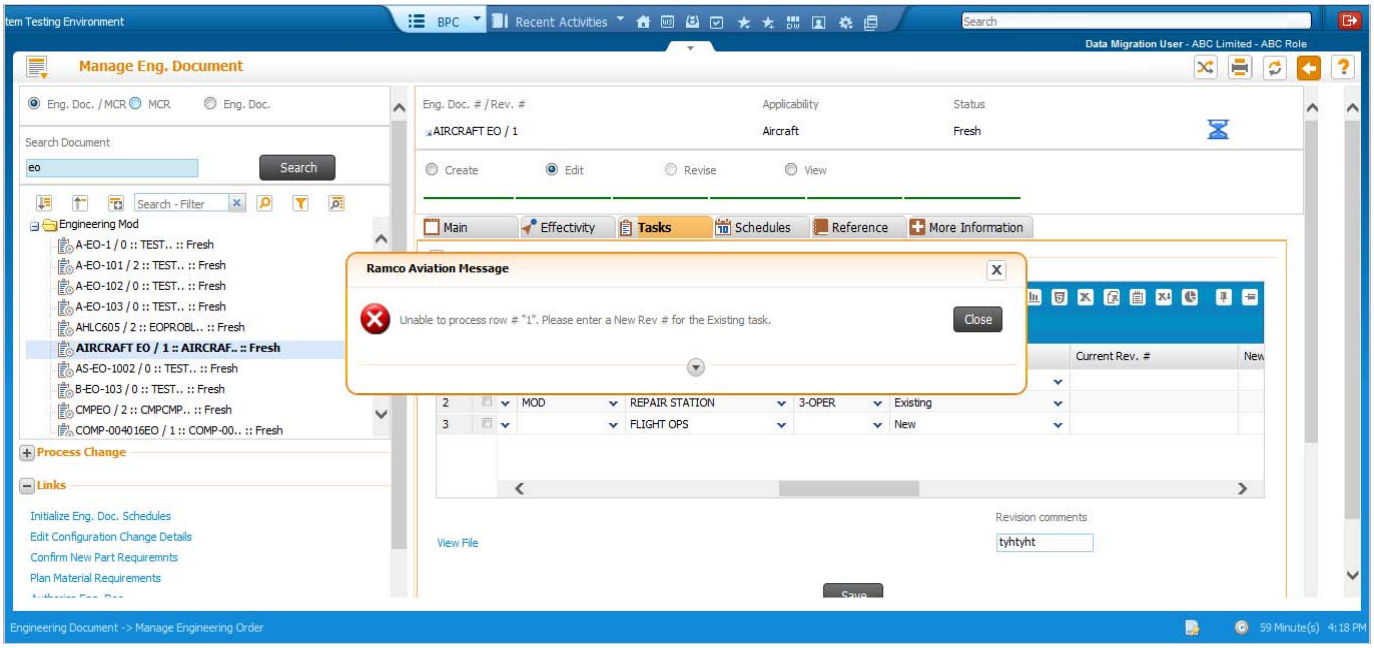
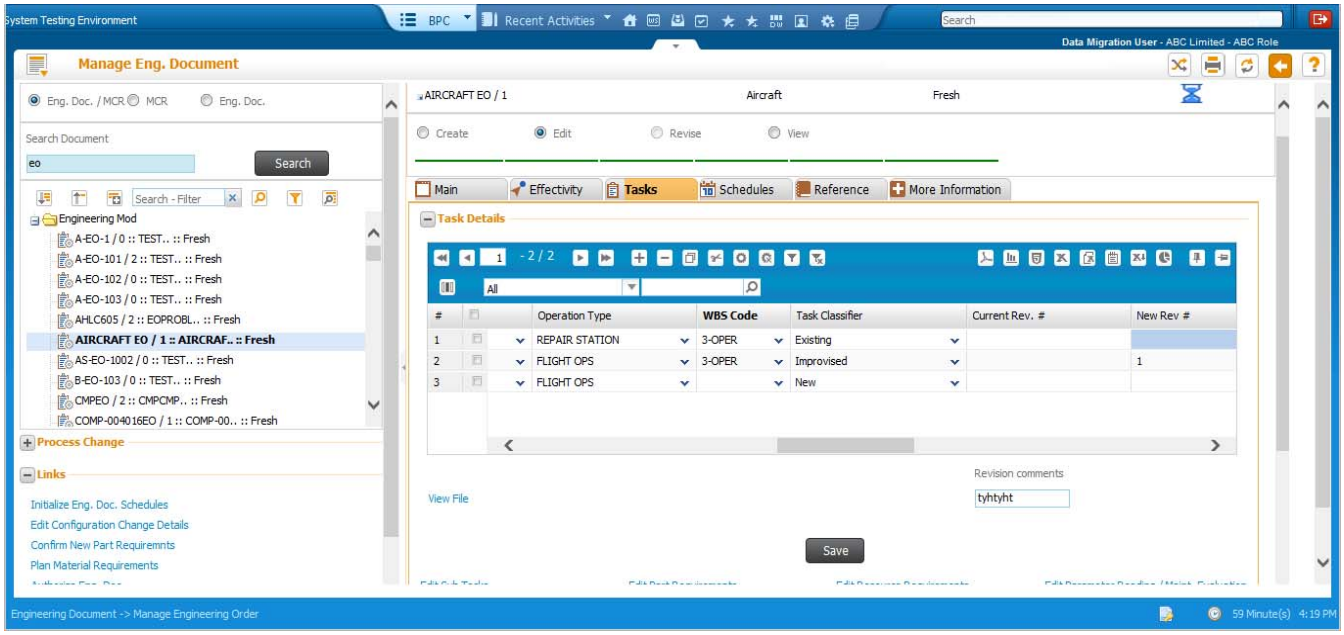


Exhibit 3: System automatically flips Task Classifier from ‘Existing’ to ‘Improvised’ once user enters New Rev # for Task



WHAT'S NEW IN AIRCRAFT MAINTENANCE EXECUTION?

Ability to Print Part Tag Report in AME without confirming a Component Replacement

Reference: AHBF-4474

Background

Print Tag for Removed Object link in the *Component Replacement* details section of the **Record Aircraft Maintenance Execution Details** and **Record Aircraft Execution Details** screens allows printing of the Part Tag report for a removed part. The report can be printed only after the Component Replacement is in '*Confirmed*' status. Hence, the report cannot be printed without recording a removal.

With this change, the report can be printed after the Component Replacement is *saved* and needed not be in '*Confirmed*' status. This is useful in certain scenarios, where the user wants to print the Part Tag report without recording a removal.

Example: When a core assembly needs repair, the user disassembles the outer shell, which is not returned to warehouse since it is serviceable. In this case the user need not record removal transaction to generate Part Tag report, instead the CR can be saved and Part Tag report can be generated.

Change Details

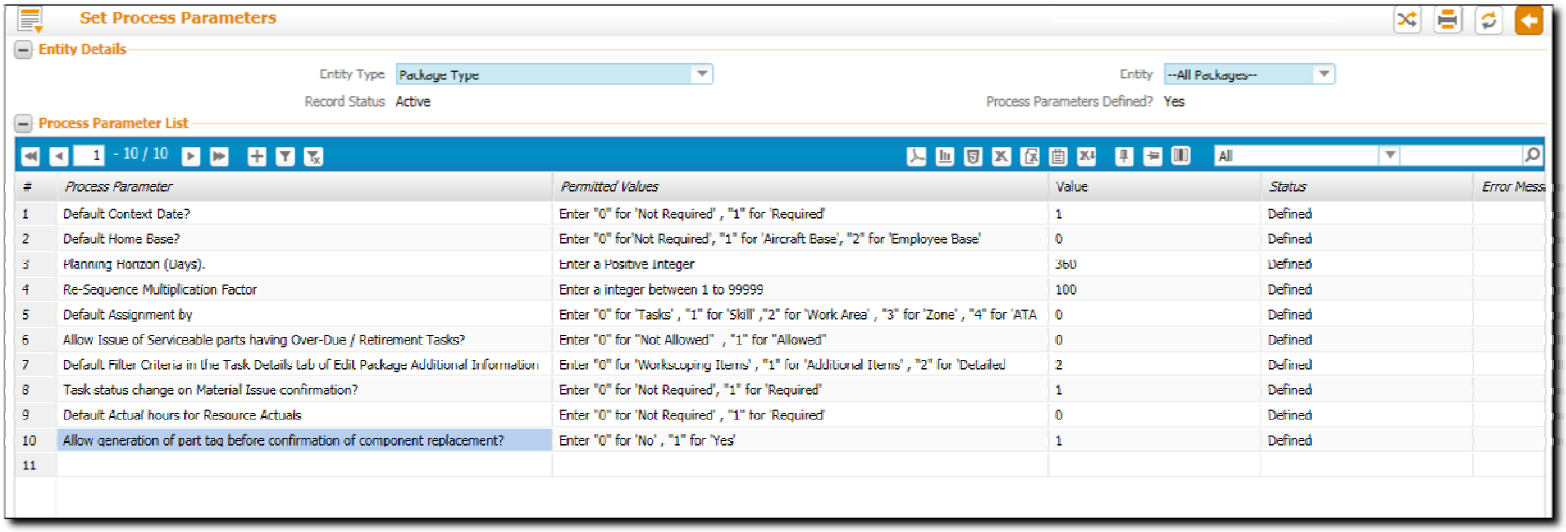
A new Process Parameter **'Allow generation of part tag before confirmation of component replacement?**' is added under the Entity '**--All Packages--**' of the Entity Type "Package Type" in the **Common Master** business component with the following configurable values:

- "0" for 'No' → Default option
- "1" for 'Yes'

If the above option is set as 'Yes', then system will allow the user to print the Part Tag report for Component Replacements that are not yet confirmed in the **Record Aircraft Maintenance Execution Details** and **Record Aircraft Execution Details** screens.

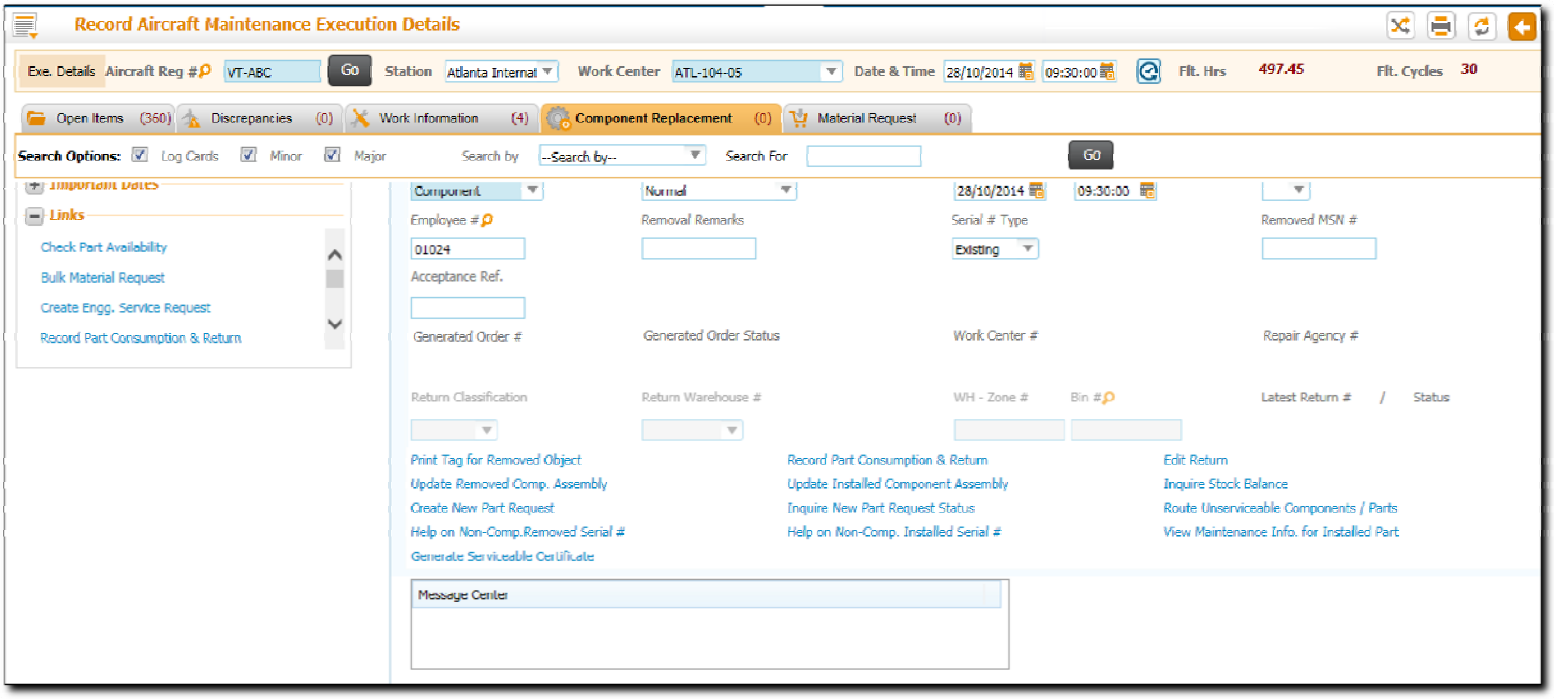
Limitation: This feature is not applicable for Lot-controlled parts as Lot # is not generated till the Component Replacement is confirmed.

Exhibit 1: New Process Parameter



#	Process Parameter	Permitted Values	Value	Status	Error Mess
1	Default Context Date?	Enter "0" for 'Not Required' , "1" for 'Required'	1	Defined	
2	Default Home Base?	Enter "0" for'Not Required', "1" for 'Aircraft Base', "2" for 'Employee Base'	0	Defined	
3	Planning Horizon (Days).	Enter a Positive Integer	360	Defined	
4	Re-Sequence Multiplication Factor	Enter a integer between 1 to 99999	100	Defined	
5	Default Assignment by	Enter "0" for 'Tasks' , "1" for 'Skill' ,"2" for 'Work Area' , "3" for 'Zone' , "4" for 'ATA	0	Defined	
6	Allow Issue of Serviceable parts having Over-Due / Retirement Tasks?	Enter "0" for "Not Allowed" , "1" for "Allowed"	0	Defined	
7	Default Filter Criteria in the Task Details tab of Edit Package Additional Information	Enter "0" for 'Workscoping Items' , "1" for 'Additional Items' , "2" for 'Detailed	2	Defined	
8	Task status change on Material Issue confirmation?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
9	Default Actual hours for Resource Actuals	Enter "0" for 'Not Required' , "1" for 'Required'	0	Defined	
10	Allow generation of part tag before confirmation of component replacement?	Enter "0" for 'No' , "1" for 'Yes'	1	Defined	
11					

Exhibit 2: Part Tag Report link in the Record Aircraft Maintenance Execution Details screen



Ability to Report Work Actuals with Used Value only in the Resource Estimates / Actuals screen

Reference: AHBF-4239

Background

In the **Report Resource Estimates / Actuals** screen, the user can report an estimate or the actual resource usage against a Task in a Package providing *Used Value*, *From Date/Time* and *To Date/Time* along with *Actual Hours*.

MROs, typically engaged in ground handling operations often charge their customers for the usage of various ground support equipment based on different units of usage viz., air starter unit & tow tractors charged based on number of times it is used, ground power unit in terms of the actual hours of usage, etc. For the equipment that are charged based on number of usages, the actual time of usage does not impact the billing, and hence, they may not want the system to mandate the 'From' & 'To' time of usage.

With this enhancement, system will allow the user to report work actuals / estimates with only *Used Value.* Time of usage will be defaulted based on option setting.

Change Details

A new process parameter "**Default Actual Hours as Task Est. Elapsed Time during Resource Actuals update?**" has been added to the *Entity Type* "**Package Type**" and *Entity* "**--All Packages--**" with permitted values '*Yes*' or '*No*'.

Note: The feature is not supported if Finance Posting Option is enabled for one or more resource types in the interacting business component.

On save refresh in the **Report Resource Estimates / Actuals** screen, if any of these information are not available (not provided by the user):

From Date/Time → Not Provided

To Date/Time → Not Provided

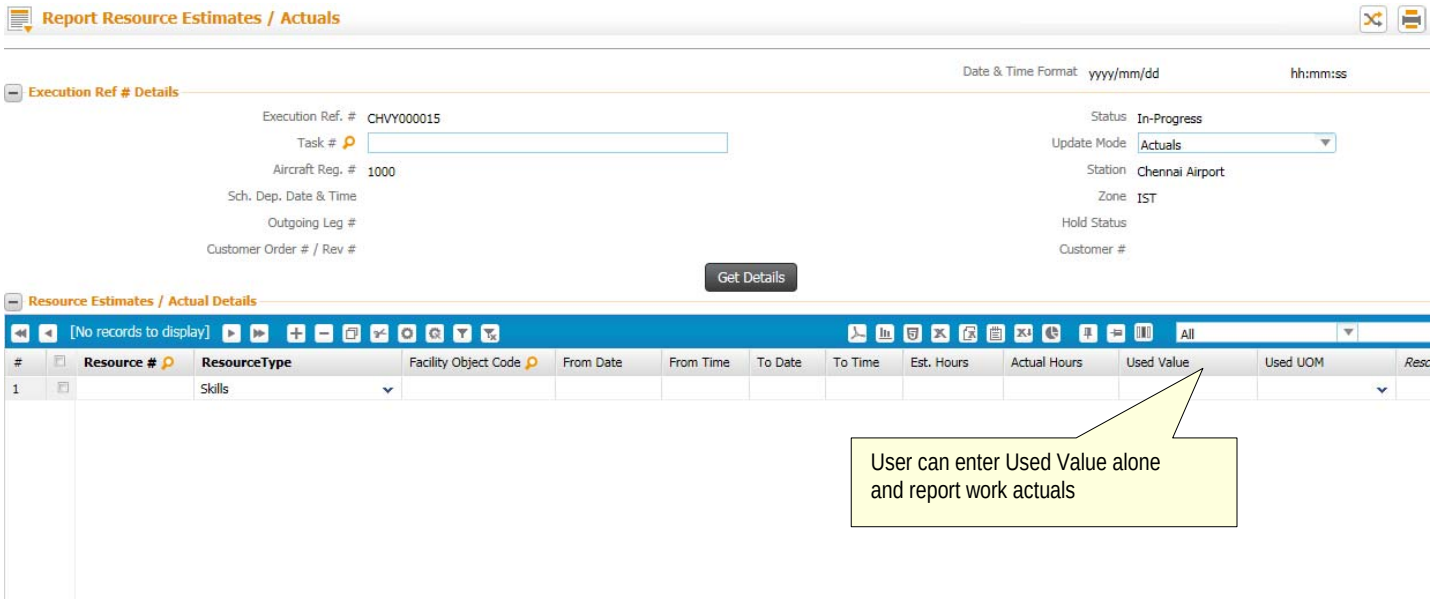
Actual Hours → Not Provided

System automatically performs the following:

- Default the Elapsed time of task as "Actual Hours" only if Set Option is set as 'Yes',
- Autofill the Current Date/Time as To Date/Time regardless of Set Option,
- Derive and Autofill From Date/Time by subtracting Actual Hours from the Current Date/Time regardless of Set Option.

Note: If user provides any one or two of the above information, system will use them information to calculate/derive the rest of the information.

Exhibit: 1


Report Resource Estimates / Actuals
Date & Time Format yyyy/mm/dd hh:mm:ss
Execution Ref # Details
Execution Ref. # CHVY000015
Task #
Aircraft Reg. # 1000
Sch. Dep. Date & Time
Outgoing Leg #
Customer Order # / Rev #
Status In-Progress
Update Mode Actuals
Station Chennai Airport
Zone IST
Hold Status
Customer #
Get Details
Resource Estimates / Actual Details
[No records to display]
All
Resource # ResourceType Facility Object Code From Date From Time To Date To Time Est. Hours Actual Hours Used Value Used UOM
1 Skills
User can enter Used Value alone and report work actuals

WHAT'S NEW IN IPAD FLIGHT LOG?

Ability to support journey log on iPads running on iOS version 8

Reference: AHBF-2457

Background

Currently in Ramco Aviation mobility solution is supported only in iPad devices running on iOS version 7. After the latest upgrade from Apple, some of the features of Ramco Aviation mobility solution were not supported in iPad devices running on iOS version 8.

Change Details

Ramco Aviation mobility application is upgraded so that all the features are supported in iOS 8 devices. Refer Exhibits.

Note: After the upgrade user need to re-install the Ramco Aviation Mobility Application.

Exhibit 1: Create Journey Log

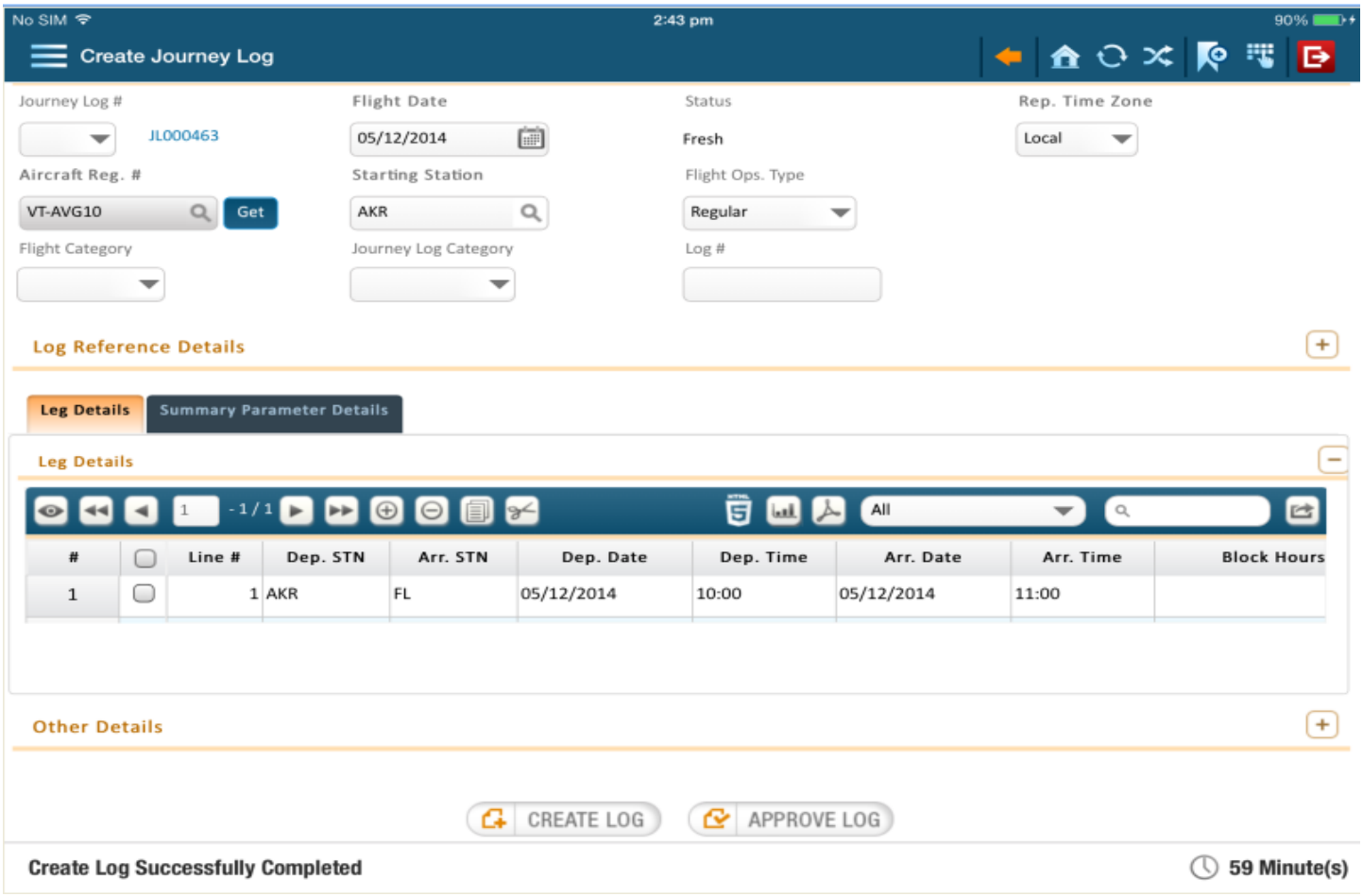


Exhibit 2: Amend Journey Log

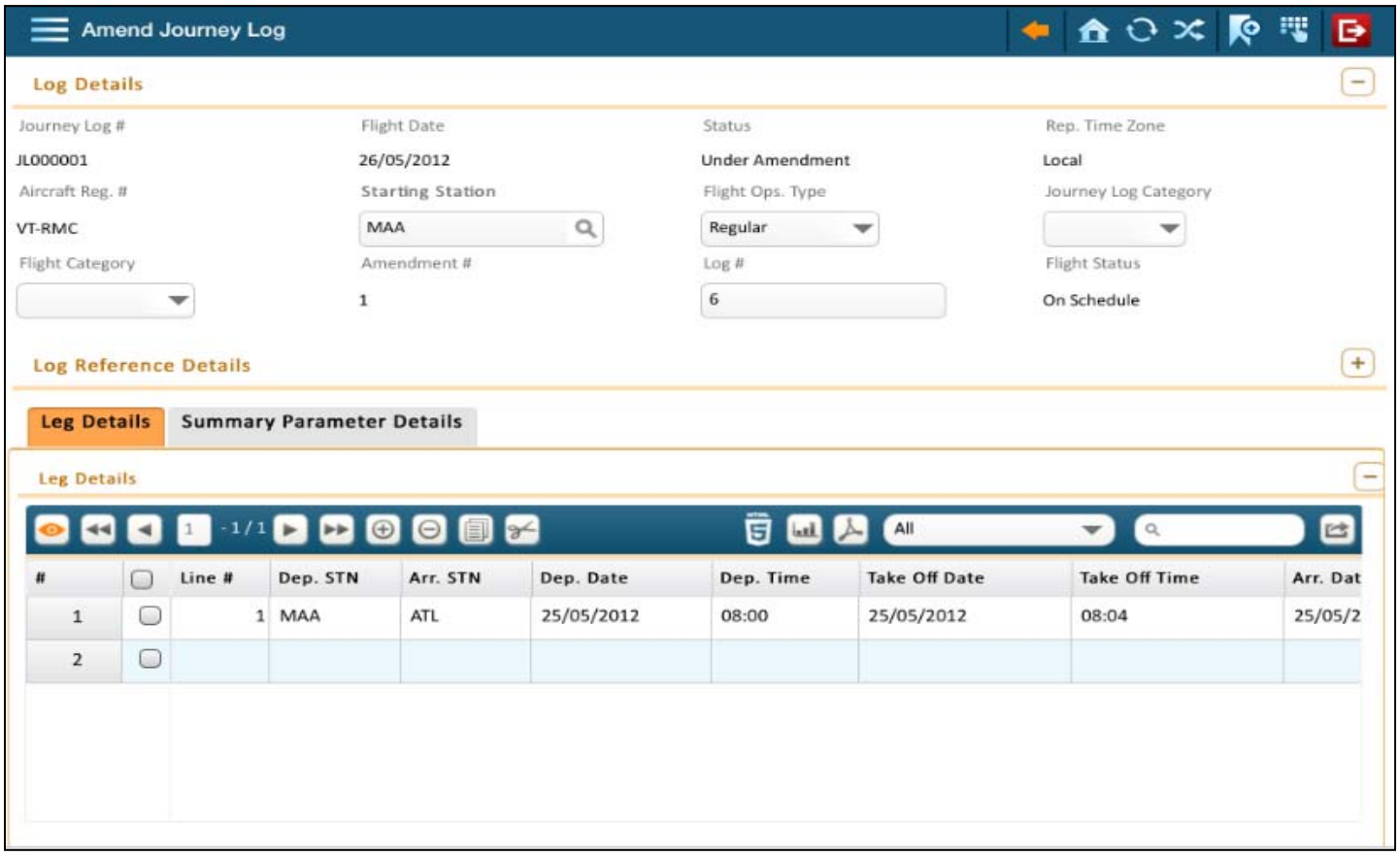
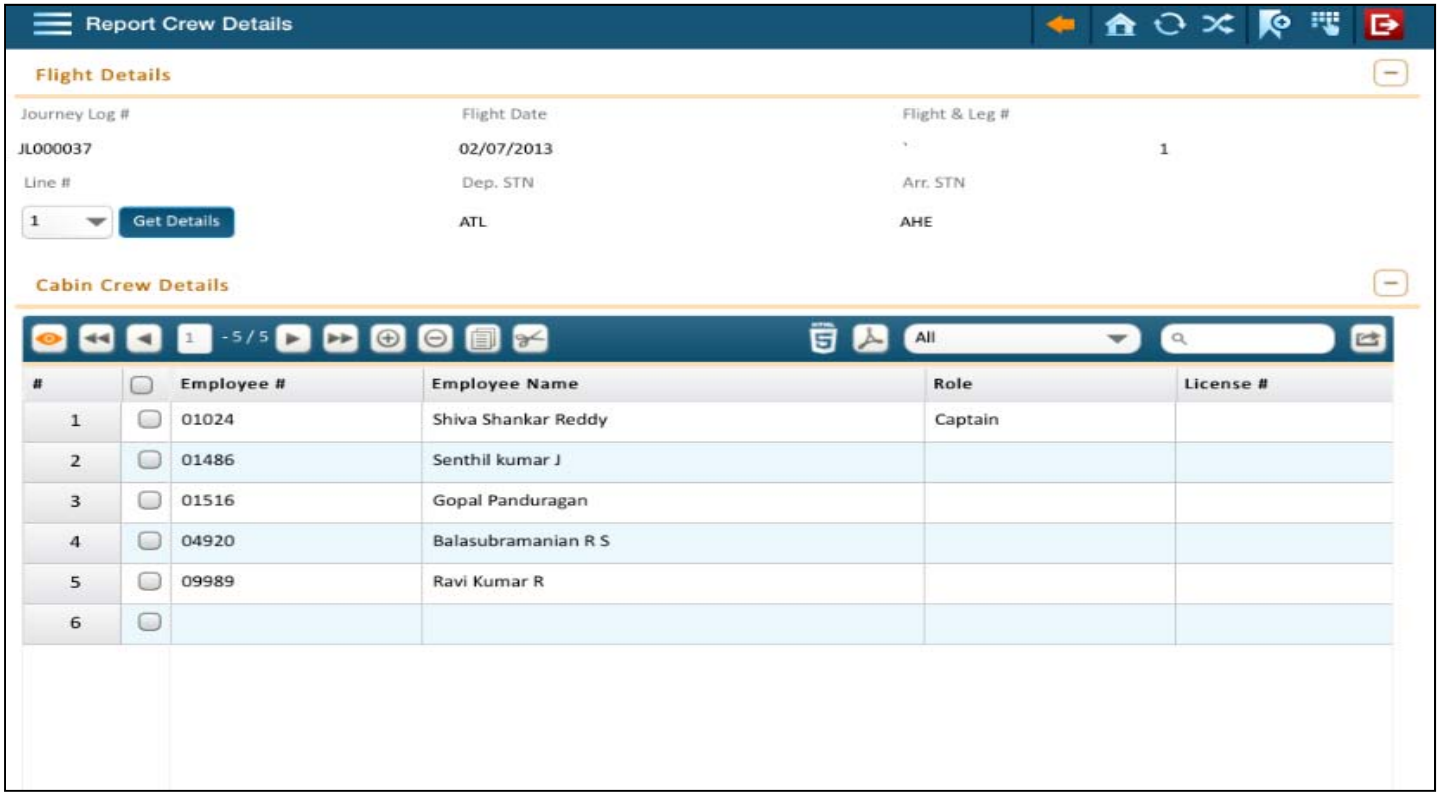


Exhibit 3: Report Crew Details



WHAT'S NEW IN FLIGHT LOG?

Ability to display the Touch & Go for the journey log in Flight Summary Report

Reference: AHBF-5039

Background

In **Flight Summary Report**, user can view the parameter value recorded against the journey log for the Aircraft or Engine, only if the parameter is mapped in Consumption & Range parameter.

In some business scenario, user needs to view the Touch & Go values recorded against journey log without tracking the Touch & Go in Consumption & Range parameter.

Change Details

With this feature a new Process parameter has been added in the **Define Process Entities** activity for displaying the Touch & Go in **Flight Summary Report**.

Important Points to be noticed:-

- If the Option 'Display Touch & Go' is set as 'Yes'' in **Define Process Entities**, then the column will be visible in 'Flight Summary Report'.
- If the Option 'Display Touch & Go' is set as 'No'' in **Define Process Entities**, then the column will not be visible in 'Flight Summary Report'.

Note: Touch & Go value will be displayed only if the value has been provided on journey log creation.

If the Touch & Go is not recorded on journey log creation, system will display it as 'Not Applicable'.

Exhibit 1: Set Process Parameters

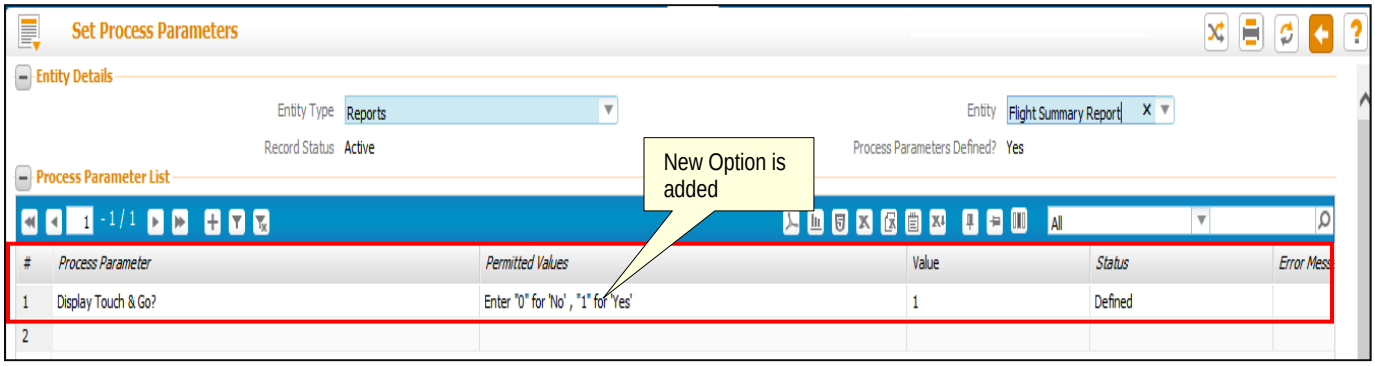


Exhibit 2: Flight Summary Report

Touch & Go column is added

AIRCRAFT	MODEL	TTSN	TCSN	LC	FC (1)	FH (1)	AH	ICY	EC (PN-1)	EH (PN-1)	FC (PN-1)	FH (PN-1)
1000	A320	190.55	142.00	18.00	30.00	62.25	0.00	39.00	16.00	53.	17.00	50.97

DATE	LOG #	JL # / MPVU	FLIGHT CAT.	JL CAT.	FH	FC	LC	Touch & Go	AH	CCY
29/10/2014	NA	JL000535	C1	PASSENGER	0.05	1	1.00	NA	0.00	0.08
		MPV0004862014	NA	NA	0.00	0	2.00	NA	0.00	NA
		MPV0004852014	NA	NA	0.00	0	0.00	NA	0.00	NA
09/10/2014	NA	JL000530	NA	NA	1.00	1	1.00	NA	0.00	1.00

WHAT'S NEW IN ISSUE CERTIFICATES?

Enhancements in Part Tag Report

Reference: AHBF-6168

Background

This enhancement brings in modification for Part Tag Report generated in *Ramco Aviation* M&E/MRO solutions.

Change Details

A new field "WORK ORDER # / REPAIR ORDER #" has been added in Part tag report to display Work Order or Repair Order generated during component replacements.

REMOVAL REASON field in Part tag report displays following:

1. Reason for Removal
2. Removal Remarks
3. Task Desc. (or) Discrepancy Desc.
4. Task # (or) Discrepancy #

INSPECTION REMARKS displays following when launched from Issue certificates page:

1. Comments
2. SB/AD
3. Reason for Rejection

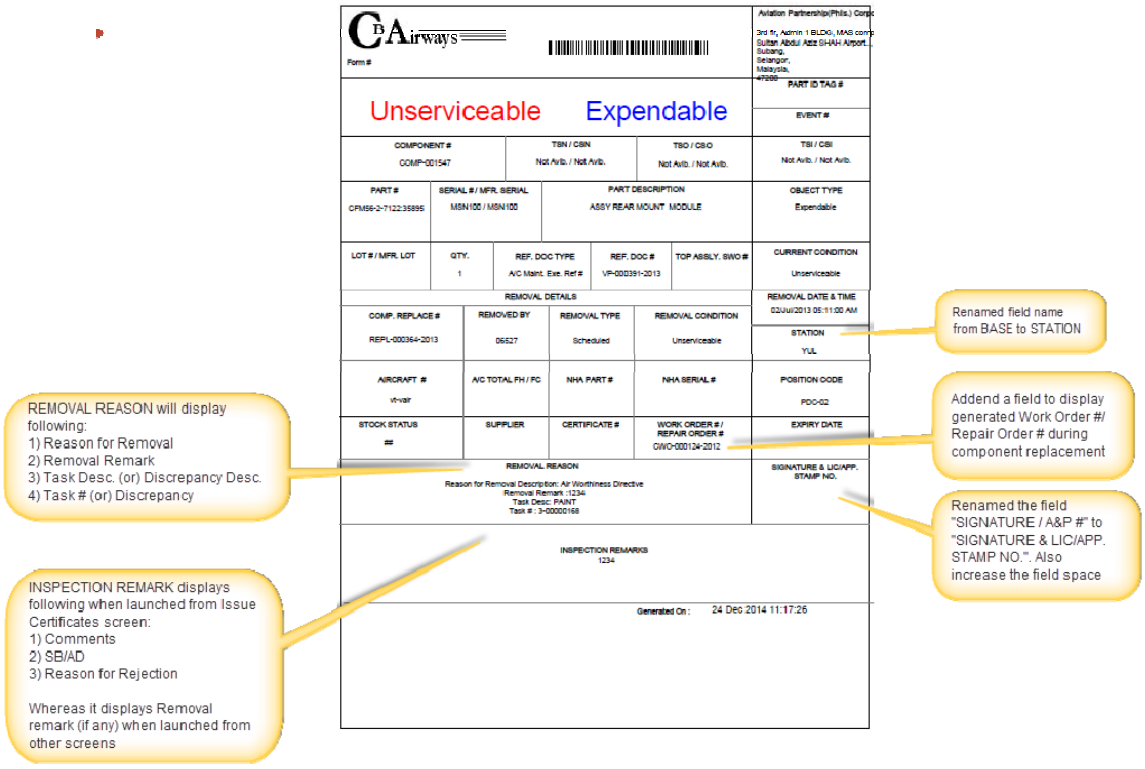
Note: System displays Removal Remarks (if any) when launched from other screens.

Additional Changes:

"BASE" field has been renamed as "STATION"

"SIGNATURE / A&P #" has been renamed as "SIGNATURE & LIC/APP. STAMP NO.".

Exhibit-1: Part Tag Report generated from **Record Aircraft Maintenance Execution Details**



WHAT'S NEW IN COMPLIANCE TRACKING & CONTROL?

Ability to compute Next Schedule Date / Value for the task based on reference basis on invoking of Compute Next Due

Reference: AHBF-5565

Background

When user invokes the 'Compute Next Due' button for the task in **Initialize Maint. Prog. & Update Compliance** page, system will compute and display the Next Schedule date / Value.

Currently for the complied task if user invokes the 'Compute Next Due' button, system will always compute Next Schedule date / Value as the sum of Last Performed Date / Value and interval. (If the task is complied).

Example:

If the task is complied within Time Window (Tolerance limit) then system will compute Next Schedule date as 'Previous Schedule date + Interval' and while invoking of 'Compute Next Due' by modifying the interval for the task, system will compute Next Schedule date as 'Last Performed Date + Interval'

Change Details

With this new change, when user invokes 'Compute Next Due' button for the task, the system will check the 'Reference Basis' and compute the Next Schedule date / Value.

Example:

- *If the task is complied within Time Window (Tolerance limit), then system will compute Next Schedule date as 'Previous Schedule date + Interval'*
- *While invoking 'Compute Next Due' by modifying the interval for the task, system will compute Next Schedule date as 'Previous Schedule Date + Interval'*

Important Points to be noticed

- Invoking of 'Compute Next Due' for task with Program Item Type 'Block', 'Base' & 'Non-Block' is permitted.
- Invoking of 'Compute Next Due' button for the task with Reset on Attachment set as 'First Attachment / Every Attachment' and the component not attached in an Aircraft is not permitted.
- Invoking of 'Compute Next Due' for the task with 'Initiate / Reset By' as 'Related Task Compliance' and the parent task are not complied is not permitted.
- When user invokes to 'Update Program / Compliance' after clicking 'Compute Next Due' system will always mandate user to select the 'Change Type'.

Exhibit 1:

Following are the scenarios of Next Schedule Date/ Value Computation for the tasks and its Computation reference basis.

For Aircraft Task:

Scenario	Complied	Next Due Calc. On	Calc. Ref. Value / Date	Last Schedule Date / Value
On adding task, if no schedules are available (Aircraft task)	Pre-Compliance	Blank	Blank	Blank
If 'Date based schedules' gets copied from 'Maintenance Task' 'Model Program', and NSD is computed based on 'Reference Basis' - Operational Date or Induction Date + threshold/Interval	Pre-Compliance	Operation date / Induction date	Operation date / Induction date	Blank
If 'Usage based schedules' gets copied from 'Maintenance Task' component or 'Model Program', and NSV is computed as Threshold Value	Pre-Compliance	Initial Interval	Threshold /Interval	Blank
If user modified the NSD for the task with Change type as 'Correction'	Pre-Compliance	Manual : Correction	User entered NSD	Blank
If user modified the NSD for the task with Change type as 'Re-Baselined'	Pre-Compliance	Manual : Re-Baselined	User entered NSD	Blank
If user modified the NSV for the task with Change type as 'Correction'	Pre-Compliance	Manual : Correction	User entered NSD	Blank
If user modified the NSV for the task with Change type as 'Re-Baselined'	Pre-Compliance	Manual : Re-Baselined	User entered NSD	Blank
If user modified the LPD for the task with Change type as 'Correction' and NSD is computed as user entered LPD + interval	Pre-Compliance	Manual : Correction	User entered LPD	Blank
If user modified the LPD for the task with Change type as 'Re-Baselined' and NSD is computed as user entered LPD + Interval	Pre-Compliance	Manual : Re-Baselined	User entered LPD	Blank
If user modified the LPV for the task with Change type as 'Correction' and NSV is computed as user entered LPV + interval	Pre-Compliance	Manual : Correction	User entered LPV	Blank
If user modified the LPV for the task with Change type as 'Re-Baselined' and NSV is computed as LPV + interval	Pre-Compliance	Manual : Re-Baselined	User entered LPV	Blank
If the task with update basis as 'Actual Completion' NSD is	Post Compliance	Actual Completion	Compliance date	Previous Schedule

computed as 'Last Performed Date' + Interval				Date
If the task with update basis as 'Actual Completion' and NSV is computed as 'Last Performed Value' + Interval	Post Compliance	Actual Completion	Compliance Value	Previous Schedule Value
If the task with update basis as 'Time Window' & the task is complied within the tolerance limit and NSD is computed as 'Previous Schedule Date' + Interval	Post Compliance	Time Window	Previous Schedule Date	Previous Schedule Date
If the task with update basis as 'Time Window' & the task is complied within the tolerance limit and NSV is computed as 'Previous Schedule Value' + Interval	Post Compliance	Time Window	Previous Schedule Value	Previous Schedule Value
If the task with update basis as 'Time Window' & the task is complied outside the tolerance limit and NSD is computed as 'Last Performed Date' + Interval	Post Compliance	Actual Completion	Compliance date	Previous Schedule Date
If the task with update basis as 'Time Window' & the task is complied outside the tolerance limit and NSV is computed as 'Last Performed Value' + Interval	Post Compliance	Actual Completion	Compliance Value	Previous Schedule Value
If the task with update basis as 'Schedule' & the task is complied within the negative tolerance limit and NSD is computed as 'Previous Schedule Date' + Interval	Post Compliance	Schedule	Previous Schedule Date	Previous Schedule Date
If the task with update basis as 'Schedule' & the task is complied within the negative tolerance limit and NSV is computed as 'Previous Schedule Value' + Interval	Post Compliance	Schedule	Previous Schedule Value	Previous Schedule Value
If the task with update basis as 'Schedule' & the task is complied outside the tolerance limit and NSD is computed as 'Last Performed Date' + Interval	Post Compliance	Actual Completion	Compliance date	Previous Schedule Date
If the task with update basis as 'Schedule' & the task is complied outside the tolerance limit and NSV is computed as 'Last Performed Value' + Interval	Post Compliance	Actual Completion	Compliance Value	Previous Schedule Value

If user modified the NSD for the task with Change type as 'Correction'	Post Compliance	Manual : Correction	User entered NSD	Previous Schedule Date
If user modified the NSD for the task with Change type as 'Re-Baselined'	Post Compliance	Manual : Re-Baselined	User entered NSD	Previous Schedule Value
If user modified the NSV for the task with Change type as 'Correction'	Post Compliance	Manual : Correction	User entered NSD	Previous Schedule Date
If user modified the NSV for the task with Change type as 'Re-Baselined'	Post Compliance	Manual : Re-Baselined	User entered NSD	Previous Schedule Value
If user modified the LPD for the task with Change type as 'Correction' and NSD is computed as user entered LPD + interval	Post Compliance	Manual : Correction	User entered LPD	Previous Schedule Date
If user modified the LPD for the task with Change type as 'Re-Baselined' and NSD is computed as user entered LPD + Interval	Post Compliance	Manual : Re-Baselined	User entered LPD	Previous Schedule Value
If user modified the LPV for the task with Change type as 'Correction' and NSV is computed as user entered LPV + interval	Pre-Compliance	Manual : Correction	User entered LPV	Previous Schedule Date
If user modified the LPV for the task with Change type as 'Re-Baselined' and NSV is computed as LPV + interval	Pre-Compliance	Manual : Re-Baselined	User entered LPV	Previous Schedule Value
If the task is escalated with Schedule Reset Basis as 'Actual Completion', on compliance the task NSD is computed as LPD + Interval	Post Compliance	STE : Actual Completion	Compliance Date	Previous Schedule Date
If the task is escalated with Schedule Reset Basis as 'Last Schedule', on compliance the task NSD is computed as LPD + Interval	Post Compliance	STE : Last Schedule	Previous Schedule Date	Previous Schedule Date
If the task is escalated with Schedule Reset Basis as 'Actual Completion', on compliance the task NSV is computed as LPV + Interval	Post Compliance	STE : Actual Completion	Compliance Value	Previous Schedule Value
If the task is escalated with Schedule Reset Basis as 'Last Schedule', on compliance the task NSV is computed as LPV + Interval	Post Compliance	STE : Last Schedule	Previous Schedule Value	Previous Schedule Value
On addition of a task with 'Initiated / Reset by' set as ''Related Task Compliance''	Related Task Compliance	Not Applicable	Not Applicable	Not Applicable
On compliance of a parent 'Initiate Schedule' task	Related Task Compliance	Not Applicable	Not Applicable	Previous Schedule Date

On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSD is computed as 'Parent task LPD' + child task threshold	Related Task Compliance	RTC : Initial Interval	Last Performed Date / Value of parent task	Not Applicable
On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSD is computed as 'Parent task LPD' + child task Interval	Related Task Compliance	RTC	Last Performed Date of parent task	Previous Schedule Date
On compliance of a parent 'Initiate Schedule' task	Related Task Compliance	Not Applicable	Not Applicable	Previous Schedule Date
On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSV is computed as 'Parent task LPV' + child task threshold	Related Task Compliance	RTC : Initial Interval	Last Performed Value of parent task	Not Applicable
On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSV is computed as 'Parent task LPV' + child task Interval	Related Task Compliance	RTC	Last Performed Value of parent task	Previous Schedule Date

Exhibit 2:

Following are the scenarios of Next Schedule Date/ Value Computation for the tasks and its Computation reference basis.

For Component Task:-

Scenario	Complied	Next Due Calc. On	Calc. Ref. Value / Date	Last Schedule Date / Value
On adding task, if no schedules are available (Component task)	Pre-Compliance	Blank	Blank	Blank
If 'Date based schedules' gets copied from 'Maintenance Task' component or 'Model Program', and NSD is computed based on 'Reference Basis' - Mfr. Date (Component task) + threshold	Pre-Compliance	Mfr. Date	Mfr. Date	Blank
If 'Usage based schedules' gets copied from 'Maintenance Task' component or 'Part Program', and NSV is computed as Threshold Value	Pre-Compliance	Initial Interval	Threshold /Interval	Blank
If user modified the NSD for the task with Change type as 'Correction'	Pre-Compliance	Manual : Correction	User entered NSD	Blank
If user modified the NSD for the task with Change type as 'Re-Baselined'	Pre-Compliance	Manual : Re-Baselined	User entered NSD	Blank
If user modified the NSV for the task with Change type as 'Correction'	Pre-Compliance	Manual : Correction	User entered NSD	Blank
If user modified the NSV for the task with Change type as 'Re-Baselined'	Pre-Compliance	Manual : Re-Baselined	User entered NSD	Blank
If user modified the LPD for the task with Change type as 'Correction' and NSD is computed as user entered LPD + interval	Pre-Compliance	Manual : Correction	User entered LPD	Blank
If user modified the LPD for the task with Change type as 'Re-Baselined' and NSD is computed as user entered LPD + Interval	Pre-Compliance	Manual : Re-Baselined	User entered LPD	Blank
If user modified the LPV for the task with Change type as 'Correction' and NSV is computed as user entered LPV + interval	Pre-Compliance	Manual : Correction	User entered LPV	Blank
If user modified the LPV for the task with Change type as 'Re-Baselined' and NSV is computed as LPV + interval	Pre-Compliance	Manual : Re-Baselined	User entered LPV	Blank
If the task with update basis as 'Actual Completion' NSD is computed as 'Last Performed Date'	Post Compliance	Actual Completion	Compliance date	Previous Schedule Date

+ Interval				
If the task with update basis as 'Actual Completion' and NSV is computed as 'Last Performed Value' + Interval	Post Compliance	Actual Completion	Compliance Value	Previous Schedule Value
If the task with update basis as 'Time Window' & the task is complied within the tolerance limit and NSD is computed as 'Previous Schedule Date' + Interval	Post Compliance	Time Window	Previous Schedule Date	Previous Schedule Date
If the task with update basis as 'Time Window' & the task is complied within the tolerance limit and NSV is computed as 'Previous Schedule Value' + Interval	Post Compliance	Time Window	Previous Schedule Value	Previous Schedule Value
If the task with update basis as 'Time Window' & the task is complied outside the tolerance limit and NSD is computed as 'Last Performed Date' + Interval	Post Compliance	Actual Completion	Compliance date	Previous Schedule Date
If the task with update basis as 'Time Window' & the task is complied outside the tolerance limit and NSV is computed as 'Last Performed Value' + Interval	Post Compliance	Actual Completion	Compliance Value	Previous Schedule Value
If the task with Reset on Attachment as 'First Attachment and the component is not attached in an Aircraft. NSD = blank	Pre Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'First Attachment and the component is attached to an Aircraft and NSD is computed as Attachment date + threshold.	Pre Compliance	Installation date	Attachment Date	Not Applicable
If the task with Reset on Attachment as 'First Attachment and the task is complied on wing and NSD is computed as LPD + Interval	Post Compliance	Actual Completion	Compliance Date	Previous Schedule Date
If the task with Reset on Attachment as 'First Attachment and the task is complied Off-wing and NSD is blank	Post Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and NSD is blank	Pre Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and NSV is blank	Pre Compliance	Not Applicable	Not Applicable	Not Applicable

If the task with Reset on Attachment as 'Every Attachment' and the component is attached to an Aircraft and computed NSD is Attachment Date + threshold	Pre Compliance	Every Attachment	Parameter Value on Attachment Date	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and the component is attached to an Aircraft and computed NSV is Parameter Value on Attachment Date + threshold	Pre Compliance	Every Attachment	Parameter Value on Attachment Date	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and the component is removed from an Aircraft and computed NSD is blank	Pre Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and the component is removed from an Aircraft and computed NSV is Blank	Pre Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and on compliance of task, computed NSD is blank	Post Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and on compliance of task, computed NSV is blank	Post Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and the component is attached to an Aircraft and computed NSD is Parameter Value on Attachment Date + Interval	Post Compliance	Every Attachment	Attachment Date	Previous Schedule date
If the task with Reset on Attachment as 'Every Attachment' and the component is removed from an Aircraft and computed NSV is parameter value on Attachment + interval	Post Compliance	Every Attachment	Parameter Value on Attachment Date	Previous Schedule date
If the task is escalated with Schedule Reset Basis as 'Actual Completion', on compliance the task NSD is computed as LPD + Interval	Post Compliance	STE : Actual Completion	Compliance Date	Previous Schedule Date
If the task is escalated with Schedule Reset Basis as 'Last Schedule', on compliance the task NSD is computed as LPD + Interval	Post Compliance	STE : Last Schedule	Previous Schedule Date	Previous Schedule Date

If the task is escalated with Schedule Reset Basis as 'Actual Completion', on compliance the task NSV is computed as LPV + Interval	Post Compliance	STE : Actual Completion	Compliance Value	Previous Schedule Value
If the task is escalated with Schedule Reset Basis as 'Last Schedule', on compliance the task NSV is computed as LPV + Interval	Post Compliance	STE : Last Schedule	Previous Schedule Value	Previous Schedule Value
On addition of a task with 'Initiated / Reset by' set as "Related Task Compliance"	Related Task Compliance	Not Applicable	Not Applicable	Not Applicable
On compliance of a parent 'Initiate Schedule' task	Related Task Compliance	Not Applicable	Not Applicable	Previous Schedule Date
On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSD is computed as 'Parent task LPD' + child task threshold	Related Task Compliance	RTC : Initial Interval	Last Performed Date / Value of parent task	Not Applicable
On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSD is computed as 'Parent task LPD' + child task Interval	Related Task Compliance	RTC	Last Performed Date of parent task	Previous Schedule Date
On compliance of a parent 'Initiate Schedule' task	Related Task Compliance	Not Applicable	Not Applicable	Previous Schedule Date
On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSV is computed as 'Parent task LPV' + child task threshold	Related Task Compliance	RTC : Initial Interval	Last Performed Value of parent task	Not Applicable
On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSV is computed as 'Parent task LPV' + child task Interval	Related Task Compliance	RTC	Last Performed Value of parent task	Previous Schedule Date

Exhibit 3:

Following are the scenarios of Next Schedule Date/ Value Computation for the tasks and its Computation reference basis.

For Component Task with Position Base Schedule:

Scenario	Complied	Next Due Calc. On	Calc. Ref. Value / Date	Last Schedule Date / Value
On adding task, if no schedules are available (Component task)	Pre-Compliance	Blank	Blank	Blank
If 'Date based schedules' gets copied from 'Maintenance Task' component or 'Model Program', and NSD is computed based on 'Reference Basis' - Mfr. Date (Component task) + threshold	Pre-Compliance	PBS : Mfr. Date	Mfr. Date	Blank
If 'Usage based schedules' gets copied from 'Maintenance Task' component or 'Part Program', and NSV is computed as Threshold Value	Pre-Compliance	PBS : Initial Interval	Threshold /Interval	Blank
If user modified the NSD for the task with Change type as 'Correction'	Pre-Compliance	PBS : Manual : Correction	User entered NSD	Blank
If user modified the NSD for the task with Change type as 'Re-Baselined'	Pre-Compliance	PBS : Manual : Re-Baselined	User entered NSD	Blank
If user modified the NSV for the task with Change type as 'Correction'	Pre-Compliance	PBS : Manual : Correction	User entered NSD	Blank
If user modified the NSV for the task with Change type as 'Re-Baselined'	Pre-Compliance	PBS : Manual : Re-Baselined	User entered NSD	Blank
If user modified the LPD for the task with Change type as 'Correction' and NSD is computed as user entered LPD + interval	Pre-Compliance	PBS : Manual : Correction	User entered LPD	Blank
If user modified the LPD for the task with Change type as 'Re-Baselined' and NSD is computed as user entered LPD + Interval	Pre-Compliance	PBS : Manual : Re-Baselined	User entered LPD	Blank
If user modified the LPV for the task with Change type as 'Correction' and NSV is computed as user entered LPV + interval	Pre-Compliance	PBS : Manual : Correction	User entered LPV	Blank
If user modified the LPV for the task with Change type as 'Re-Baselined' and NSV is computed as LPV + interval	Pre-Compliance	PBS : Manual : Re-Baselined	User entered LPV	Blank
If the task with update basis as 'Actual Completion' NSD is computed as 'Last Performed	Post Compliance	PBS : Actual Completion	Compliance date	Previous Schedule Date

Date' + Interval				
If the task with update basis as 'Actual Completion' and NSV is computed as 'Last Performed Value' + Interval	Post Compliance	PBS : Actual Completion	Compliance Value	Previous Schedule Value
If the task with update basis as 'Time Window' & the task is complied within the tolerance limit and NSD is computed as 'Previous Schedule Date' + Interval	Post Compliance	PBS : Time Window	Previous Schedule Date	Previous Schedule Date
If the task with update basis as 'Time Window' & the task is complied within the tolerance limit and NSV is computed as 'Previous Schedule Value' + Interval	Post Compliance	PBS : Time Window	Previous Schedule Value	Previous Schedule Value
If the task with update basis as 'Time Window' & the task is complied outside the tolerance limit and NSD is computed as 'Last Performed Date' + Interval	Post Compliance	PBS : Actual Completion	Compliance date	Previous Schedule Date
If the task with update basis as 'Time Window' & the task is complied outside the tolerance limit and NSV is computed as 'Last Performed Value' + Interval	Post Compliance	PBS : Actual Completion	Compliance Value	Previous Schedule Value
If the task with Reset on Attachment as 'First Attachment and the component is not attached in an Aircraft. NSD = blank	Pre Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'First Attachment and the component is attached to an Aircraft and NSD is computed as Attachment date + threshold.	Pre Compliance	PBS : Installation date	Attachment Date	Not Applicable
If the task with Reset on Attachment as 'First Attachment and the task is complied on wing and NSD is computed as LPD + Interval	Post Compliance	PBS : Actual Completion	Compliance Date	Previous Schedule Date
If the task with Reset on Attachment as 'First Attachment and the task is complied Off-wing and NSD is blank	Post Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and NSD is blank	Pre Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and NSV is blank	Pre Compliance	Not Applicable	Not Applicable	Not Applicable

If the task with Reset on Attachment as 'Every Attachment' and the component is attached to an Aircraft and computed NSD is Attachment Date + threshold	Pre Compliance	PBS : Every Attachment	Parameter Value on Attachment Date	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and the component is attached to an Aircraft and computed NSV is Parameter Value on Attachment Date + threshold	Pre Compliance	PBS : Every Attachment	Parameter Value on Attachment Date	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and the component is removed from an Aircraft and computed NSD is blank	Pre Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and the component is removed from an Aircraft and computed NSV is Blank	Pre Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and on compliance of task, computed NSD is blank	Post Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and on compliance of task, computed NSV is blank	Post Compliance	Not Applicable	Not Applicable	Not Applicable
If the task with Reset on Attachment as 'Every Attachment' and the component is attached to an Aircraft and computed NSD is Parameter Value on Attachment Date + Interval	Post Compliance	PBS : Every Attachment	Attachment Date	Previous Schedule date
If the task with Reset on Attachment as 'Every Attachment' and the component is removed from an Aircraft and computed NSV is parameter value on Attachment + interval	Post Compliance	PBS : Every Attachment	Parameter Value on Attachment Date	Previous Schedule date
If the task is escalated with Schedule Reset Basis as 'Actual Completion', on compliance the task NSD is computed as LPD + Interval	Post Compliance	PBS : STE : Actual Completion	Compliance Date	Previous Schedule Date
If the task is escalated with Schedule Reset Basis as 'Last Schedule', on compliance the task NSD is computed as LPD + Interval	Post Compliance	PBS : STE : Last Schedule	Previous Schedule Date	Previous Schedule Date

If the task is escalated with Schedule Reset Basis as 'Actual Completion', on compliance the task NSV is computed as LPV + Interval	Post Compliance	PBS : STE : Actual Completion	Compliance Value	Previous Schedule Value
If the task is escalated with Schedule Reset Basis as 'Last Schedule', on compliance the task NSV is computed as LPV + Interval	Post Compliance	PBS : STE : Last Schedule	Previous Schedule Value	Previous Schedule Value
On addition of a task with 'Initiated / Reset by' set as "Related Task Compliance"	Related Task Compliance	Not Applicable	Not Applicable	Not Applicable
On compliance of a parent 'Initiate Schedule' task	Related Task Compliance	Not Applicable	Not Applicable	Previous Schedule Date
On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSD is computed as 'Parent task LPD' + child task threshold	Related Task Compliance	PBS : RTC : Initial Interval	Last Performed Date / Value of parent task	Not Applicable
On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSD is computed as 'Parent task LPD' + child task Interval	Related Task Compliance	PBS : RTC	Last Performed Date of parent task	Previous Schedule Date
On compliance of a parent 'Initiate Schedule' task	Related Task Compliance	Not Applicable	Not Applicable	Previous Schedule Date
On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSV is computed as 'Parent task LPV' + child task threshold	Related Task Compliance	PBS : RTC : Initial Interval	Last Performed Value of parent task	Not Applicable
On compliance of parent 'Initiate Schedule' task will trigger its 'Initiate Schedule' "Related Task Compliance" task and NSV is computed as 'Parent task LPV' + child task Interval	Related Task Compliance	PBS : RTC	Last Performed Value of parent task	Previous Schedule Date

WHAT'S NEW IN PRODUCT STABILITY?

The following areas were reviewed and improvised on the stability front.

Area of Stability	*Improvement Description*
Parameter Value Update	*Correction in Parameter value update logic for Components & Its Sub Components*
Journey Log	• *Corrections of Journey Leg duplication when there are more than Flight Schedules for the same date & time with one Flight Schedule being Operational & other Non-Operational.* • *Correction in Journey Log amendment logic to update the amendment details correctly*
Aircraft History	*Correction in Aircraft History information retrieval logic so that it is accurate.*
Aircraft Maintenance Program	*Performance Tuning done in Model Program. Performance issue faced when an existing program is revised with option as Inherit changes to Aircraft is addressed.*
Aircraft Maintenance Due report	*Performance Tuning in Aircraft Maintenance Due report.*
Main core management in Shop	*Streamlined management for advanced Main core logistics including* • *Partial repair & BER* • *Split of Partial quantities* • *Multiple issue & return* • *Changes in part serial and lot #s* *Improved control at a quantity level on accountability of all quantities of main core on a given shop work order*
Plan Aircraft Maintenance	*Performance Improvements to reduce application processing time spent on task addition into packages*
Record A/C Maint. Execution Details	*Material Request Short-closure & Parts Return framework have been enhanced to reduce processing time*

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