

RAMCO AVIATION SOLUTION

ENHANCEMENT NOTIFICATION

Version 5.9.1

MX-Mobility

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WHAT'S NEW IN MECHANICANYWHERE?

Ability to switch user language in MechanicAnywhere

Reference: APRP-740

Background

Currently in MechanicAnywhere, only OU and Role switching is permitted. But certain login users might be working across multiple languages as well. So along with OU and Role switch, a new provision for language switch is also required in MechanicAnywhere.

Change Details

In order to facilitate the change in the application language of MechanicAnywhere, the following changes are made:

- New combo control '**Language**' introduced in '**Switch Context**' UI which will allow the user to switch across role and OUs mapped for the respective roles.
- User can set the context of Role, OU and language and tap **Done** to save the context.
- New Spanish Combo value is added.
- Translated Icon names, Controls, Enumerated/Metadata values and Validation messages of entire MechanicAnywhere screens into Spanish language, which will allow the user to view, record or modify transactions in both English and Spanish language.

Exhibit 1: Identifies new Language control added in Switch Context screen

1:10 PM Tue 15 Sep 44%

Switch Context

Role Description
ramco role

OU Instance
RAMCO OU

Language
Spanish

New combo 'Language' added here for language switch

Exhibit 2: Identifies Spanish translated screen name and various controls

4:17 PM Tue 12 Jan 61%

RICHARD O.
00001413
AIRCRAFT MECHANIC

OU - Papel
RAMCO OU-ramco role
Centro de trabajo principal n.º

Acción inteligente

eLog

Tarea

Discrepancia

Reemplazo de componentes

Solicitud de material

Configuración de la aeronave/co...

Registro de la hoja de tiempo

Consulta sobre las existencias

Versión 1.10.0.17

Documento de ejecución

Documento Objeto # (A/C Reg # / Parte # / Serie # / Componente #)

Serie # Componente # Objeto de instalación #

A/C Reg # Vuelo # Nariz

Comerciales Documento

Orden del cliente # Exec. Tipo Ref. Doc. Tipo

Nombre del cliente Exec. Doc. # Tipo de trabajo

Buscar Claro

Búsqueda Avanzada ▲

Exhibit 3: Identifies Spanish translated validation message

1:10 PM Wed 13 Jan

< Detalles de la tarjeta de tareas **Component Replacement | LP-000969-2021 | 2 | Planificado**

Descripción de la tarea	Estado	Doc. Ejecutivo # / Tipo	Maint. Objeto	Centro/Estación de trabajo	CR #	Estado CR
Inspection as required	Planificado	LP-000969-2021/Line...	1132/B767-200	185-20/YTR		

Reemplazar Instalar **Remove**

Posición #1 Nivel # Cantidad Tipo de objeto **Miscelánea**

Remove

Parte eliminada #	Parte Descripción	Eliminado de serie #
N 1	N 1	

Código de disposición eliminado **1-Repair** Razón # **Inútil** **1**

Reemplazo de componentes cancelado con éxito.

OK

► Información adicional

Adjuntos

Cancelar Salvar Confirmar

Ability to view Aircraft/Component Configuration in MechanicAnywhere

Reference: APRP-976

Background

We need a screen in MechanicAnywhere that will allow the users to view the aircraft configuration in a similar way as the view configuration button in the CR tab of the AME screen. Also, there is a need to view the configuration without starting a component replacement transaction.

Change Details

Aircraft/Component Configuration

A new left pane activity **Aircraft/Component Configuration** is introduced in the Hamburger menu to view the configuration of Aircraft/Component. On launching the activity, new UI **Aircraft/Component Configuration**, shows only the Header control 'Maint. Object'. It is a drop-down control will load 'Blank', 'Aircraft Reg #', 'Part #/Serial #' and 'Component #'. Based on the selection, adjacent editable controls and Go icon will load. Once the user selects Aircraft Reg # and enters an active Aircraft Reg # and tap on Go, system will load the active configuration of the entered Aircraft Reg # using the mobility tree and its details. The same will be applicable for Part #/Serial # and Component # selection.

In the new UI, once the configuration is loaded, it will have Filter and Toggle sections. 'Filter By' will load with Part #, Serial #, Component #, Position Code and Level Code. User can filter these values in the configuration tree. Wildcard search is also available in 'Filter By' section. 'Empty Position' and 'Incl. Child Positions' are the two toggles available in the new UI. Based on the selection, the configuration tree will be loaded.

Configuration Tree

Configuration tree will be grouped based on the ATA codes. If Piece Parts are defined for both the Aircraft and child parts, then the respective 'Piece Parts' folder should be displayed under 'Aircraft' as well as 'Child Parts' till the applicable leaf level. Tree structure will be in below format.

```
<Node icon> :: <ATA #>
<Node Icon> :: <Position Code> :: <Part #> :: <Serial #>
    <Part Description>
<Node Icon> :: <Piece Parts>
    <Part #> :: <Quantity>
    <Part Description>
```

System should display the Position Codes in following colors based on the Attachment Status.

- Display the Position Code in 'Dark Green' color in the configuration tree, if the position code is attached
- Display the Position Code in 'Red' color in the configuration tree, if the position code is empty and 'Component Mandatory' is 'Yes'.
- Display the Position Code in 'Black' in the configuration tree, if the position code is empty and 'Component Mandatory' is 'No'.

Component Details

The following controls will be loaded in the Right Side of UI besides the tree.

1. Component #
2. Position Type
3. Level Code

The above said controls will be Blank on loading the configuration. If user taps on any record having Part and Serial information in the configuration tree will fetch values in the Component Details section.

Help on Configuration

This new UI **Aircraft/Component Configuration** will be loaded if user tries to click on the lens icon in "Position # | Level #" in the Component Replacement against a task/discrepancy in a package/shop execution document. On loading this screen, the header controls for Maint. Object, Editable controls and Go are hidden; The screen shows the control 'Aircraft Reg. # and Aircraft Model #' and defaults the corresponding Aircraft Reg # and Aircraft Model # of the Package in the 'Aircraft Reg. #' and Aircraft Model # controls, shows the control 'Component #, Part # and Serial #' and defaults the corresponding Component #, Part # and Serial # of the SWO # in the 'Component #', Part # and Serial # controls.

Along with the header information, the screen displays the Filter By and Toggle Section, Configuration Tree, Component Details and Ok Button.

Exhibit 1: Identifies the **Hamburger Menu**.

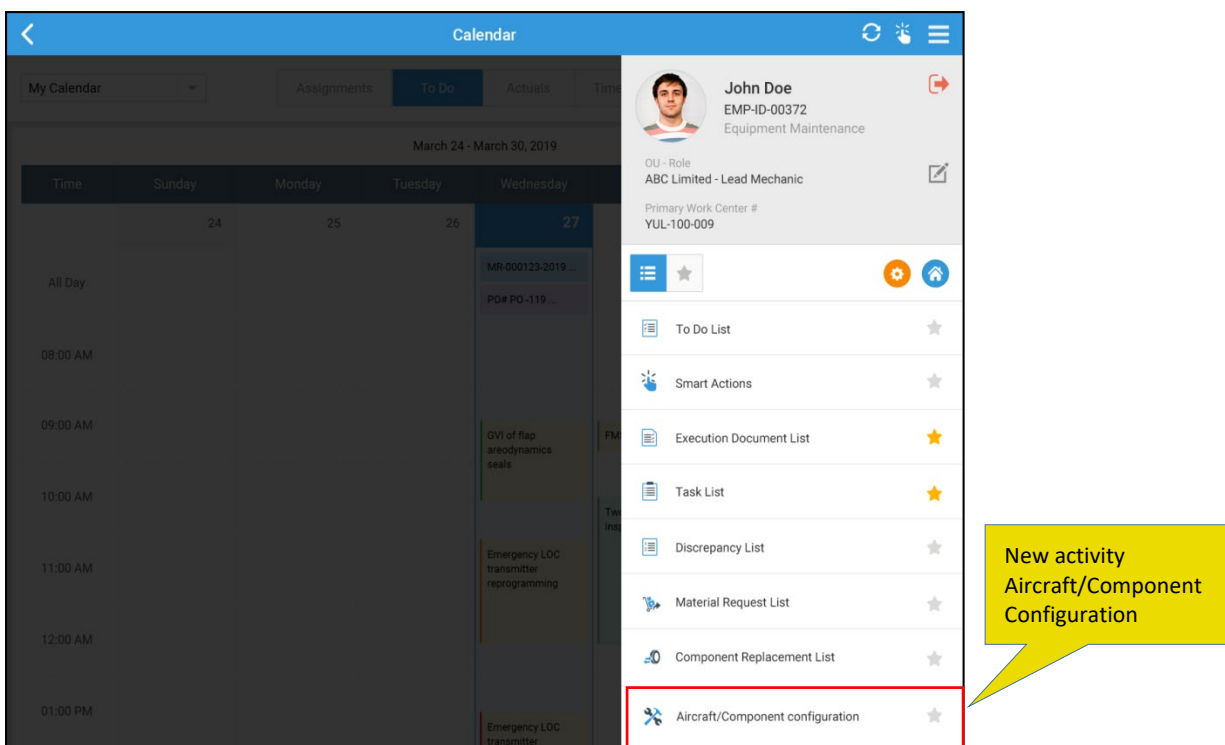


Exhibit 2: Identifies the **Hamburger Menu**.

The screenshot shows the 'Aircraft/Component Configuration' screen. At the top, there is a blue header bar with a back arrow, the title 'Aircraft/Component Configuration', and icons for refresh, search, and menu. Below the header, there is a 'Maint. Object' label followed by a dropdown menu. The rest of the screen is empty.

Maint. Object is a UI dropdown, will load Aircraft Reg. #, Part #/Serial #, Component # and BLANK.

Exhibit 3: Identifies the **Aircraft/Component Configuration** for an Aircraft Reg #

The screenshot shows the 'Aircraft/Component Configuration' screen with the 'Maint. Object' dropdown set to 'Aircraft Reg.#' and the value 'JS-1819'. Below this, there is a 'Filter By' section with 'Position Code' selected. To the right of the filter are two toggle switches: 'Empty Position' and 'Incl. Child Positions', both of which are turned on. The main content area is divided into two panes. The left pane displays a mobility tree with the following structure:

- ATA-20
 - POS-1 | 000.99999 | SL-001-2020
Electrical Test Harness
 - PC 1 | 001:00987 | Empty
Diffuser
 - POS-1 | 000.99999 | SL-001-2020
Electrical Test Harness
 - ATA-72
 - Piece Parts
 - ATA-32
 - 015:23451 | 11
Mega Phone

The right pane displays the following information:

- Component #
Comp-001-2020
- Position Type
Others
- Level Code
1.1

Left Pane displays the latest active configuration, in the mobility tree. The configuration is grouped based on the ATA codes.

Exhibit 4: Identifies the **Aircraft/Component Configuration** for Part # and Serial #.

The screenshot shows the 'Aircraft/Component Configuration' screen. At the top, there is a header bar with a back arrow, the title 'Aircraft/Component Configuration', and icons for refresh, search, and menu. Below the header, there is a search section with 'Maint. Object' set to 'Part# / Serial #'. The search criteria are '000:99999' and 'SL-001-2020', with a green 'Go' button. Below the search section, there is a filter section with 'Filter By' set to 'Position Code' and a green 'Go' button. To the right of the filter section, there are two toggle switches: 'Empty Position' (checked) and 'Incl Child Positions' (checked). The main content area is divided into two columns. The left column shows a tree view of components. The right column shows details for the selected component, including 'Component #', 'Position Type', 'Others', and 'Level Code'.

Component #	Position Type	Others	Level Code
Comp-001-2020	Others		1.1

User selected Part #/Serial # in Maint. Object and enter Part # and Serial # and tap on Go will fetch latest active configuration

Exhibit 5: Identifies the **Help on Configuration** screen for an AME Package.

The screenshot shows the 'Aircraft/Component Configuration' screen. At the top, there is a header bar with a back arrow, the title 'Aircraft/Component Configuration', and icons for refresh, search, and menu. Below the header, there is a search section with 'Aircraft Reg #' set to 'JS-1819' and 'Aircraft Model #' set to 'A320-211'. Below the search section, there is a filter section with 'Filter By' set to 'Position Code' and a green 'Go' button. To the right of the filter section, there are two toggle switches: 'Empty Position' (checked) and 'Incl Child Positions' (checked). The main content area is divided into two columns. The left column shows a tree view of components. The right column shows details for the selected component, including 'Component #', 'Position Type', 'Others', and 'Level Code'.

Component #	Position Type	Others	Level Code
Comp-001-2020	Others		1.1

It will default the Aircraft Reg # and Aircraft Model # for the associated Package. If user selects any record in the tree will fetch in the right section and click on Ok will default the record in CR screen.

Exhibit 6: Identifies the **Help on Configuration** screen for Shop Execution

Aircraft/Component Configuration

Component # Comp-001-2020 Part # 000:99999 Serial # SL-001-2020

Filter By Position Code [] [] → Empty Position ☒ Incl Child Positions ☒

▼ ATA-20

▼ POS-1 | 000.99999 | SL-001-2020
Electrical Test Harness

PC 1 | 001.00987 | Empty
Diffuser

POS-1 | 000.99999 | SL-001-2020
Electrical Test Harness

Component #
Comp-001-2020

Position Type
Others

Level Code
1.1

Ok

It will default the Component # and Part # and Serial # for the associated Shop Execution Doc #. If user selects any record in the tree will fetch in the right section and click on Ok will default the record in CR screen.

Ability to Print, Preview and Reprint CoM for Shop Work Order in MechanicAnywhere

Reference: APRP-1471

Background

After completion of a Shop Work Order execution, a certificate has to be issued to declare the airworthiness of new items or maintenance work undertaken on the Main Core. A Certificate of Maintenance (CoM) can be issued for a particular overhaul, repair, replacement, modification, mandatory inspection or scheduled maintenance inspection when the signatory is satisfied that the work has been properly carried out. CoM can be issued after all the tasks in the Shop Work Order are completed. This issued CoM can be printed / reprinted / previewed as well.

This facility is available in Shop Work Order component in desktop and a similar provision is required in **Issue Certificate of Maintenance** screen of **MechanicAnywhere**.

Change Details

To facilitate Print/Reprint/Preview of CoM in **Issue Certificate of Maintenance**, the following modifications have been incorporated in Ramco Aviation:

- **Preview:** Preview icon will be shown in the **Certificate Info** section of **Issue Certificate of Maintenance** screen, if the CoM # is in **Fresh** status. On tapping on the Preview icon, CoM report (*which is a Draft version*) will be rendered in a PDF Viewer.
- **Print:** Print icon will be shown in the **Certificate Info** section of **Issue Certificate of Maintenance** screen, if the CoM # is in **Approved** status and the values for 'Printed? | No. of Copies' is shown as 'No | 0'. On tapping on the Print icon, CoM report will be rendered in a PDF Viewer.
- **Reprint:** Reprint icon will be shown in the **Certificate Info** section of **Issue Certificate of Maintenance** screen, if the CoM # is in **Approved** status and the values for 'Printed?' is shown as 'Yes '. On tapping on the Reprint icon, CoM report will be rendered in a PDF Viewer and the value for 'No. of Copies' will be incremented as per each time the user reprints the CoM #.

Exhibit 1: Identifies the new **Preview** icon in **Issue Certificate of Maintenance**

The screenshot displays the 'Issue Certificate of Maintenance' form. At the top, the header bar includes 'Shop Execution', 'Issue Certificate of Maintenance', and 'OWO-000449-2018 | Component'. Below the header, there are four main sections: 'Part # | Serial/ Lot #', 'Work Center # | Station Name', 'Component # | Qty.', and 'Customer Name | Customer Order #'. The 'Certificate #', 'Certificate Status', 'Printed? | No. of Copies', and 'Replaced Certificate #' are also visible. The 'Certificate Status' is 'Fresh'. The 'Issue and Reference Details' section includes fields for 'Numbering Type', 'Paper Doc #', 'Ref Doc # / Rev #', 'Rev Date', 'Final Disposition', 'Shelf Life Exp Date', and 'Work Status'. The 'Certificate Details' section includes 'Certifying Rem', 'Task Desc', 'Eligibility', 'Print Option', 'Certifying Type', 'Certifying Authority', and 'Record Statistics'. A yellow callout box points to a blue eye icon in the top right corner, labeled 'New Preview icon Tap here to preview the CoM'. The bottom of the form has 'Save', 'Approve', and 'Cancel' buttons.

Exhibit 2: Identifies the new **Print** icon in **Issue Certificate of Maintenance**

The screenshot displays the 'Issue Certificate of Maintenance' form, similar to Exhibit 1, but with the 'Certificate Status' set to 'Approved'. The 'Record Statistics' section shows three entries: 'Created By' (Allen Paul, 01/06/2020 10:27:26), 'Modified By' (Allen Paul, 02/06/2020 10:27:26), and 'Approved By' (Luke Garer, 09/06/2020 10:27:26). A yellow callout box points to a blue printer icon in the top right corner, labeled 'New Print icon Tap here to print the CoM'. The bottom of the form has a 'Replace' button.

Exhibit 3: Identifies the new Reprint icon in Issue Certificate of Maintenance

Shop Execution **Issue Certificate of Maintenance** OWO-000449-2018 | Component

Part # Serial/ Lot # OS22981B:F1958DS msn-001	Work Center # Station Name 185-20 Trenton	Component # Qty. A102737 01	Customer Name Customer Order # Customer 8 CO-00779001
Certificate # COM-000123-2020	Certificate Status Approved	Printed? No. of Copies Yes 02	Replaced Certificate # -----

Issue and Reference Details


Numbering Type: COM
Paper Doc #: CVA/01/29
Ref Doc # / Rev #: AH/01/2020

Rev Date: 02/06/2020
Final Disposition: 1-Repair
Shelf Life Exp Date: 05/05/2022

Work Status: Repair

Inspect: ☐ Repair: ☐ Overhaul: ☐
 Modify: ☒ New: ☐ Prototype: ☒
 Inspected/Tested: ☐ Tested: ☐

Attachments + ✓






Certificate Details

Certifying Remark: Task Desc: Test

Eligibility: Print Option: All items on one Certifying Type: 8130-3

Certifying Authority: FAA, EASA, CASA

Record Statistics

 Created By	 Modified By	 Approved By
Allen Paul 01/06/2020 10:27:26	Allen Paul 02/06/2020 10:27:26	Luke Garer 09/06/2020 10:27:26

New Reprint icon
Tap here to reprint the CoM

Replace

Ability to manage Task & Discrepancy Digitized Task Card and User Status from ePubs in MechanicAnywhere

Reference: APRP-1453

Background

For some discrepancy, work procedure / manuals / reference documents which are available in PDF format are to be referred and signed off. Currently for discrepancy standard discrepancy card can be attached, enhancement to be made to support attaching other PDF reference documents to perform sign off digitally. Task cards needs to be signed off, reviewed by different department before bringing into closure. Task card has its own workflow which cannot be directly linked to task. When task card is moved to different department for review/sign off option is not available to filter out the list which is to be acted by the particular department. Task can be marked for complete only after all the associated task cards gets verified and closed.

Change Details

Discrepancy Card

A new link 'Task Instruction' is introduced in the 'Discrepancy Card' screen to launch the Digitized PDFs. User can tap on the link and launch the digitized PDF.

User can work on the digitized PDFs and can save the values / sign off the PDF / change the status of PDFs.

Advanced Search

A control 'Task Instruction Form' is introduced in the both Tasks and Discrepancies List screens. User can search the task based on the Task Instruction Form Status from the Tasks Lists. Similarly user can search for discrepancies also based on the Task Instruction Form Status from the Discrepancy List screen.

Exhibit 1: Identifies changes in 'Discrepancy Card screen of MechanicAnywhere

11:59 AM Thu 17 Sep 5%

[eLog](#) **Discrepancy Card DR-000475-2020**

Log Item # 101/1	Maint Object 101 IA310	Source Doc # I Type VP-000746-2016 I Visit...	Source Task # UnderResolution	 	Discrepancy + Open: 0, Total: 0	Part Request + Open: 0, Total: 0	Comp. Repl. + Open: 0, Total: 0
---------------------	---------------------------	--	---	------	---	--	---

Under Resolution ☒ Edit Discrepancy ☒ Part Cons. & Return Task Instruction 00:00:00 **+**

Problem & Res.Details

Corrective Action

Associate Repair Task

Resolution History

Corrective Action

Sign Off By

Ca1	<div>MECHANI C Pending </div>	<div>INSPECT OR Pending </div>	
Ca2	<div>MECHANI C Pending </div>	<div>INSPECT OR Pending </div>	

Exhibit 2: Identifies changes in 'Task Card Details' screen for Discrepancy in MechanicAnywhere

4:13 PM Wed 16 Sep 26%

[Discrepancy](#) Task Card Details CDP-123-2020 | MIREP

Task Instruction Form View Documents

B. Work Zones and Access Panels

ZONE/ACCESS	ZONE DESCRIPTION
121	AVIONICS COMPARTMENT
122	AVIONICS COMPARTMENT
121AF, 121AL, 121BF, 121CF, 122BF, 811	

C. Referenced Information

REFERENCE	DESIGNATION
(Ref. 24-41-00-862-002-A).	De-energize the Aircraft Electrical Circuits Supplied from the External Power
(Ref. 24-41-00-862-002-A-01).	De-energize the Aircraft Electrical Circuits Supplied from the APU
(Ref. 24-41-00-862-002-A-02).	De-energize the Aircraft Electrical Circuits Supplied from the Engine 1(2)
(Ref. 52-41-00-010-002-A).	Open the Avionics Compartment Doors for Access
(Ref. 52-41-00-410-002-A).	Close the Avionics Compartment Doors after Access
(Ref. 53-12-13-000-001-A).	Removal of the avionics compartment floor panels
(Ref. 53-12-13-400-001-A).	Installation of the avionics compartment floor panels

1/5

▶ Attachments

Task Instruction Form Status

To launch Task Card Status Change pop up


Save SignOff More ... Pending CRS Holder 

Exhibit 3: Identifies the 'Change Status popup' in 'Task Card Details' screen

4:13 PM Wed 16 Sep 26%

[Discrepancy](#) Task Card Details CDP-123-2020 | MIREP

Task Instruction Form View Documents

B. Work Zones and Access Panels

ZONE/ACCESS	ZONE DESCRIPTION
121	AVIONICS COMPARTMENT
122	AVIONICS COMPARTMENT
121AF, 121AL, 121BF, 121CF, 122BF, 811	

C. Referenced Information

REFERENCE	DESIGNATION
(Ref. 24-41-00-862-002-A).	De-energize the Aircraft Electrical Circuits Supplied from the External Power
(Ref. 24-41-00-862-002-A-01).	De-energize the Aircraft Electrical Circuits Supplied from the APU
(Ref. 24-41-00-862-002-A-02).	De-energize the Aircraft Electrical Circuits Supplied from the Engine 1(2)
(Ref. 52-41-00-010-002-A).	Open the Avionics Compartment Doors for Access
(Ref. 52-41-00-410-002-A).	Close the Avionics Compartment Doors after Access
(Ref. 53-12-13-000-001-A).	Removal of the avionics compartment floor panels
(Ref. 53-12-13-400-001-A).	Installation of the avionics compartment floor panels

1/5

Change status

Pending CRS Holder

Done

Save SignOff More ... Pending CRS Holder

Exhibit 4: Identifies changes in 'Tasks' list screen of MechanicAnywhere

iPad 4:49 AM 20%

Tasks

Search By

Document

Exec. Type Ref Doc. Type

Reported To

Status

Task Execution Status Task Sign Off Status

Task Instruction Form Status

Execution

Task Type ATA #

Execution Phase Execution Category

Work Center EO #

Commercials

Repair Classification Customer Name

Dates

From To

09/05/2020 10/05/2020

Show AME Tasks ☒ Show SWO Tasks ☐

[Advanced Search](#)

Provision to search with 'Task Instruction Form Status'

Exhibit 5: Identifies changes in 'Discrepancy List' screen of MechanicAnywhere

iPad 4:49 AM 20%

Discrepancy List

Search By

Reference Section		Status	Commercial
ATA # <input type="text"/>	Reported From <input type="text"/>	Discrepancy Status <input type="text"/>	Repair Classification <input type="text"/>
Reported To <input type="text"/>	Reported By <input type="text"/>	Discrepancy Sign Off Status <input type="text"/>	Customer Name <input type="text"/>
Log Item # <input type="text"/>	Discrepancy # / Desc <input type="text"/>	Task Instruction Form Status <input type="text"/>	Customer # <input type="text"/>

Source Doc	Deferral
Source Doc Type <input type="text"/>	Type <input type="text"/>
Source Doc # <input type="text"/>	

Exceptions

Show on Hold Discrepancies ☐ Show OverDue Discrepancies ☐

[Advanced Search](#)

Provision to search with 'Task Instruction Form Status'

Ability to group Tasks/Discrepancies and view them in a tree in eLog of MechanicAnywhere

Reference: APRP-1126, APRP-1086, APRP-1443

Background

For a heavy package having huge tasks, it becomes difficult to swipe for searching for a task or discrepancy and work on, even though there are search criteria available. It would be useful for a mechanic to see the tasks grouped by a preferred group by option and then see the required tasks/discrepancies under it in order to pick it up for execution.

Therefore, a new provision is required wherein tasks as well as discrepancies can be grouped based on user preferred group by option and view the same in a structural hierarchy.

Change Details

To facilitate grouping of tasks and discrepancies in MechanicAnywhere, the following additions and modifications have been incorporated in Ramco Aviation:

- New process parameter to determine whether grouping of tasks/discrepancies in eLog is required in **MechanicAnywhere** and a provision to default the 'Group By' option for Tasks & Discrepancies as per user preference are introduced under Entity Type 'Mobility' and Entity 'MechanicAnywhere' in the **Define Process Entities** activity of **Common Master** business component.

Process Parameter	Value	Impact in Smart Actions
Require grouping of tasks/discrepancies in eLog?	"0" for 'Not Required'	System will show the tasks in Task tab as shown earlier in a list view. No hierarchy will be shown.
	"1" for 'Tasks & Discrepancies'	System will show Hierarchical representation using tree for both task and discrepancy.
	"2" for 'Task only'	System will show Hierarchical representation using tree for only Task. Discrepancy will be shown as earlier in a list view
	"3" for 'Discrepancy Only'	System will show Hierarchical representation using tree for only Discrepancy. Task will be shown as earlier in a list view
Default Group By for tasks in eLog?	"0" for 'Task Status', "1" for 'Sign Off Status', "2" for 'Estimation Status', "3" for 'Hold Status', "4" for 'Job Type', "5" for 'ATA #', "6" for 'Exe. Phase', "7" for 'Exec. Category', "8" for 'Task Category', "9" for 'Zone #', "10" for 'Skill #', "11" for 'Work Area #' and "12" for 'Planned Start Date'	System will default the combo value, as per the value selected in the set option, as Task Status in Group By popup and also group the tasks in Task tree and show the main node as Task Status as per the value selected in the set option as applicable for the package.
Default Group By for	"0" for Discrepancy Status', "1" for	System will default the combo value, as per the value

discrepancies in eLog?	'Sign Off Status', "2" for 'Estimation Status', "3" for 'Hold Status', "4" for 'Job Type', "5" for 'ATA #', "6" for 'Exe. Phase', "7" for 'Exec. Category', "8" for Discrepancy Category', "9" for 'Zone #', "10" for 'Skill #', "11" for 'Work Area #' and "12" for 'Planned Start Date'	selected in the set option, in Group By popup and also group the discrepancies in Discrepancy tree and show the main node as per the value selected in the set option as applicable for the package.
------------------------	---	--

- Alignment changes:
 - New tab: **Tasks & Discrepancies** added in eLog screen.
 - New tabs: **Tasks, Maint. Events** and **Discrep.** to be shown under Tasks & Discrepancies tab.
 - Alignment changes adopted in all tab headers: **Tasks, Maint. Events** and **Discrep.** in order to accommodate the new layout similar to task and discrepancy in eLog.
- List sections of both task and discrepancy tabs replaced with a **tree hierarchical** layout, having the main node as the selected Group By and then listing the task in the order of the same based on the above added set options.
- New **Group By** icon introduced in both task and discrepancy tabs which launch the new Group By popup. User can select a preferred Group By value and save it in order to filter the tree view.
- New status based filter tabs introduced in both Tasks and Maint. Event tabs.
- **Maintenance Events** tab to also show the tasks in hierarchical view and the right pane also to show the respective task as shown for eLog task. New Global Search Bar, Status based filter tab and Sort By icon also introduced.
- Icons in Tree structure:
 - **Task/Discrepancy Status** icons: Icon for denoting current status of the task with the following color codes along with a color code to identify if the task/discrepancy is on hold or not:
 - Black : Planned / UnderResolution with no work recorded (associated backend task in Planned status)
 - Amber : In-Progress / UnderResolution with some work recorded (associated backend task in In-Progress status) / PendingDeferral
 - Green : In-Complete / Pre-Closed / Closed / Deferred / Transferred
 - Grey : Cancelled / Duplicate / Routed for Repair
 - Red : Task / Discrepancy having Hold Status as 'Hold'
 - **Job Type** icons: Aircraft / On-Wing / Off-Wing / Component Removals for Task
 - **Task Card Details & Discrepancy Card** icons: Icons for navigating to Task Card Details or Discrepancy Card for the respective Task/ Discrepancy.

Exhibit 1: Identifies the new alignment changes for Tasks tab in eLog

10:34 AM Wed 22 Jul

E-Log

Aircraft Reg # | Modal
101 | A310

Log Card # | Ref. #
LP-000423-2020

Station
Trenton

Date & Time
19/03/2020 11:48:07

FH
2.00

FC
01

Status
In-Progress

More ▾

Manage Package Engineering Report **Tasks & Discrepancies** Preview & Acceptance

Tasks Maint. Events Discrep. + Due + Add

Task #/Task Description / ATA #

Planned 10 In-Progress 23 Completed 11 Others 01

0000

00-00

NSTD0009982019 | 00-00 | MPD
Right Engine Replacement

D0009972019 | 00-00 | MIREP
Right Engine Blade 2 Faulty

D0009972019 | 00-00 | PIREP
Right Engine Blade 21 Faulty

NSTD0009992019 | 00-00 | MPD
Engine Greasing

NSTD0009992019 | 00-00 | Non Routine
Engine Greasing

Task Details

NSTD0009982019 | 00-00 | MPD 00:00:00 +

Description
Right Engine Replacement

Part Request 0/0 Pending + Component Repl. 0/0 Pending + Part Return 0/0 Pending Resources 0

Discrepancy + Record Discrepancy Status In-Progress Exec. Comments Execution Comments

Sign Off By

Mechanic
OWSIANYK, RIC..
00001413

Inspector
OWSIANYK, RIC..
00001413

RII
Nicholas W.
00000001

Exhibit 2: Identifies the new alignment changes for Maint. Events tab in eLog

10:34 AM Wed 22 Jul

E-Log

Aircraft Reg # | Modal
101 | A310

Log Card # | Ref. #
LP-000423-2020

Station
Trenton

Date & Time
19/03/2020 11:48:07

FH
2.00

FC
01

Status
In-Progress

More ▾

Manage Package Engineering Report **Tasks & Discrepancies** Preview & Acceptance

Task Maint. Events Discrep. + Maint. Events

Task #/Task Description / ATA #

Planned 10 In-Progress 23 Completed 11 Others 01

Hard Landing

Bird Hit

NSTD0009982019 | 00-00 | MPD
Right Engine Replacement

NSTD0009982019 | 00-00 | MPD
Right Engine Blade 2 Faulty

NSTD0009982019 | 00-00 | MPD
Right Engine Blade 21 Faulty

NSTD0009992019 | 00-00 | MPD
Engine Greasing

NSTD0009992019 | 00-00 | Non Routine
Engine Greasing

Task Details

NSTD0009982019 | 00-00 | MPD 00:00:00 +

Description
Right Engine Replacement

Part Request 0/0 Pending + Component Repl. 0/0 Pending + Part Return 0/0 Pending Resources 0

Discrepancy + Record Discrepancy Status In-Progress Exec. Comments Execution Comments

Sign Off By

Mechanic
OWSIANYK, RIC..
00001413

Inspector
OWSIANYK, RIC..
00001413

RII
Nicholas W.
00000001

Exhibit 3: Identifies the new alignment changes for **Discrep.** tab in eLog

10:34 AM Wed 22 Jul 📶 42%

E-Log 🔍 ☰

Aircraft Reg # | Modal: 101 | A310 Log Card # | Ref. #: LP-000423-2020 Station: Trenton Date & Time: 19/03/2020 11:48:07 FH: 2.00 FC: 01 Status: **In-Progress**

[More ▾](#)

Manage Package **Engineering Report** **Tasks & Discrepancies** **Preview & Acceptance**

Task Maint. Events **Discrep.** + Due 07 + Add

Discrepancy #/Discrepancy Description / ATA #

Open 00 Closed 00 Deferred 00 Others 01

0000

00-00

- ✎ NSTD0009982019 | 00-00 | MPD
Right Engine Replacement
- ✎ D0009972019 | 00-00 | MIREP**
Right Engine Blade 2 Faulty
- ✎ D0009972019 | 00-00 | PIREP
Right Engine Blade 21 Faulty
- ✎ NSTD0009992019 | 00-00 | MPD
Engine Greasing
- ✎ NSTD0009992019 | 00-00 | Non Routine
Engine Greasing

Discrepancy Details

D0009972019 | 00-00 | MIREP 🔍 ▶ 00:00:00 +

Description: **Right Engine Blade 2 Faulty** Action: **Under Resolution** 🔍

Part Request: 0/0 Pending + Component Repl.: 0/0 Pending + Part Return: 0/0 Pending Resources: 0

Corrective Action: + 3/4 ◀ ▶

Engine Blade to be replaced

Sign Off By:

Mechanic Pending 🔍 **Inspector** Pending 🔍 **RII** Pending 🔍

Ability to manage Maint. Events in eLog of MechanicAnywhere

Reference: APRP-1494

Background

Maintenance Events in Maint. Events & Task tab have been enhanced to work more efficiently as in the Task and Discrepancy tabs of eLog. A provision for Maintenance Events addition, removal and completion are required just as in Work Reporting Hub even in MechanicAnywhere so that the app is fully enhanced for handling Maintenance Events.

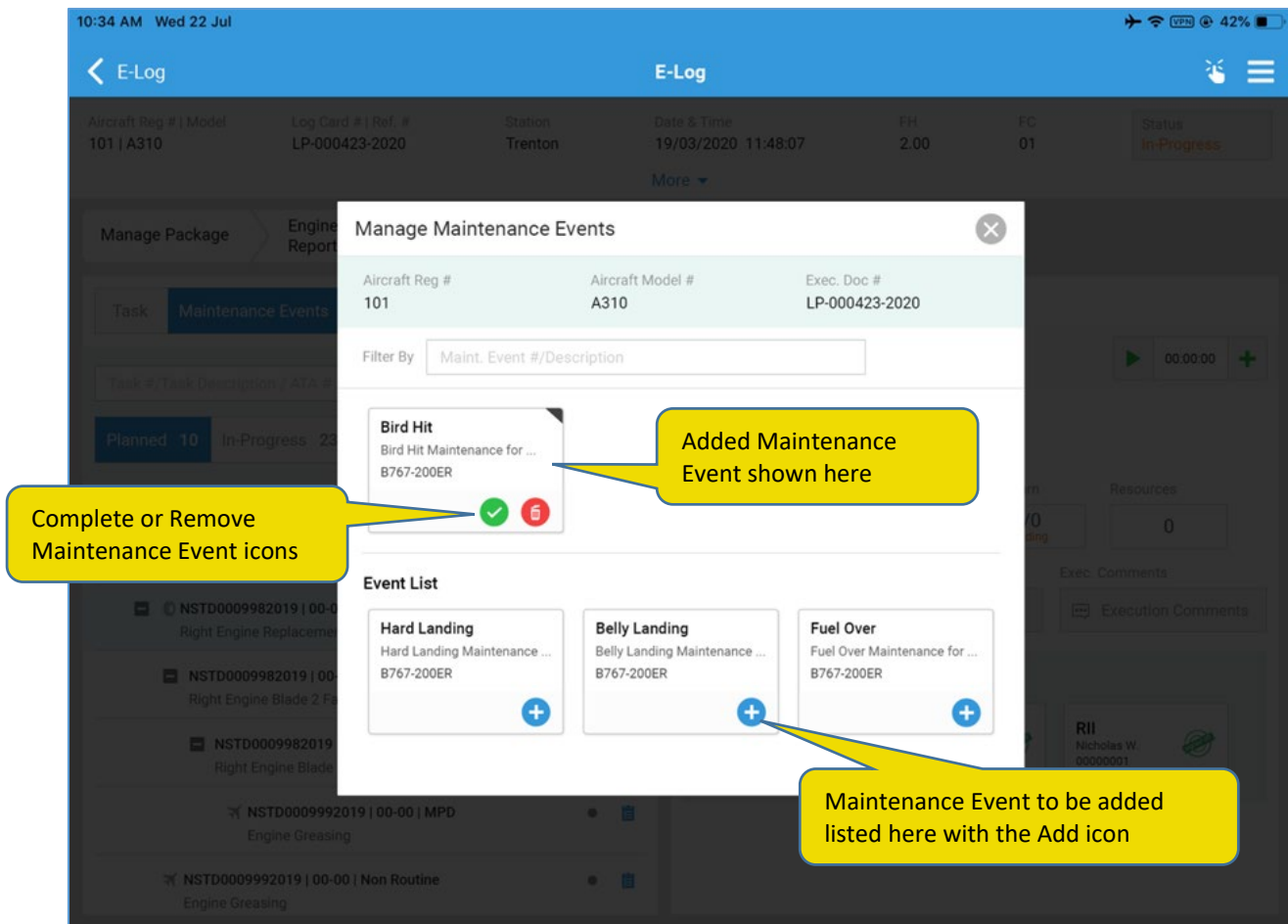
Change Details

To facilitate managing of Maintenance Events in MechanicAnywhere, the following additions and modifications have been incorporated in MechanicAnywhere application:

- A new popup **Manage Maintenance Events** is introduced which launches on tap of + Maintenance Events button under the Maint. Events tab of Tasks & Discrepancies tab in eLog.
- Manage Maintenance Events popup allows the users to:
 - View all the effective Maint. Event # for the respective A/C Reg# in a card format provided under Event List section
 - View all the added Maint. Event in the package currently which is listed above the Event List section
 - Filter and search for a Maint. Event from the Global Search Bar using Maint. Event # or Event Description.
- **Add:** User can add a Maint. Event to the Package # by tapping on the Add icon in the Maint. Event card. Once added, the respective Maint. Event moves above the Event List section and shows icons for Complete and Remove along with the status icon of the Maintenance Event.
- **Remove:** User can remove an added Maint. Event # by tapping on the Remove icon for an added Maint. Event. The respective Maintenance Event card moves back to the Event List section.
- **Complete:** User can complete an added Maint. Event # by tapping on the Complete icon for an added Maint. Event. The respective Maintenance Event # gets completed by completing all the tasks in it and the status icon will be changed to Green color.



Note: For Maintenance Event # in status other than Planned, both the Remove and Complete icons will be shown in disabled state as no action is possible.

Exhibit 1: Identifies the new **Manage Maintenance Events** popup in eLog

Ability to record Skill required against a Corrective Action and validate during sign off in MechanicAnywhere

Reference: APRP-1390

Background

Once a discrepancy is reported, Corrective Actions which are necessary for the resolution of the discrepancy, are entered later. Skill # required to execute the Corrective Actions, need to be captured along with Corrective Action recording. These Corrective Actions are then assigned to each Mechanics and Inspectors based on the Skill #. Currently there is no provision to capture Skill # at Corrective Action level in MechanicAnywhere.

Change Details

Discrepancy Write up

In Discrepancy Write Up, new editable control "Skill #" is added below Corrective Action control in the Resolution Details section of **Discrepancy Write Up** screen. And three new editable controls "Mech Skill #", "Insp Skill # and RII Skill # are added below Mechanic, Inspector and RII toggle control respectively in the Sign Off Requirements section of **Discrepancy Write Up** screen. User can enter Skill # at individual sign off requirement applicable to the corrective action or discrepancy to be signed off. And Skill # at CA level control, recorded Skill # will be updated for all the applicable Resource Group for the Sign off Requirement of the Corrective Action.

Create Discrepancy

In Create Discrepancy, new editable control "Skill #" is added below Corrective Action control in the Resolution Details section of **Create Discrepancy** screen. And three new editable controls "Mech Skill #", "Insp Skill # and RII Skill # are added below Mechanic, Inspector and RII toggle control respectively in the Sign Off Requirements section of **Create Discrepancy** screen. User can enter Skill # at individual sign off requirement applicable to the corrective action or discrepancy to be signed off. And Skill # at CA level control, recorded Skill # will be updated for all the applicable Resource Group for the Sign off Requirement of the Corrective Action.

Edit Discrepancy

In Edit Discrepancy, new editable control "Skill #" is added next to Corrective Action control. And three new editable controls "Mech Skill #", "Insp Skill # and RII Skill # are added below Mechanic, Inspector and RII toggle control respectively in the Sign Off Requirements section of **Edit Discrepancy** screen. User can enter Skill # at individual sign off requirement applicable to the corrective action or discrepancy to be signed off. And Skill # at CA level control, recorded Skill # will be updated for all the applicable Resource Group for the Sign off Requirement of the Corrective Action.

New Corrective Action

In New Corrective Action, new editable control "Skill #" is added next to Est. Man Hours control. And three new editable controls "Mech Skill #", "Insp Skill # and RII Skill # are added below Mechanic, Inspector and RII toggle control respectively in the Sign Off Requirements section of **New Corrective Action** screen. User can enter Skill # at individual sign off requirement applicable to the corrective action or discrepancy to be signed off. And Skill # at CA level control, recorded Skill # will be updated for all the applicable Resource Group for the Sign off Requirement of the Corrective Action.

Discrepancy Card

In Discrepancy Card, new display only Columns "Mechanic" and "Inspector" is added next to Est. Man Hrs. column in Corrective Action tab multiline. It will display the Skill # captured as a button against each Corrective Action for the discrepancy. Based on the sign off applicability it will display as N/A or Pending or Sign Off/Void seal against the corrective action for the discrepancy. And a new display only control "RII" with Edit icon will be added next to "Edit Discrepancy" in Action Tray of **Discrepancy Card** screen. Based on the sign off applicability it will display as 'Not Required' or 'Pending' or 'Signed Off' against the RII for the discrepancy.

Exhibit 1: Identifies the **Discrepancy Write Up** screen

The screenshot displays the 'Discrepancy Write Up' screen within the eLog application. The interface includes a top navigation bar with the eLog logo and a status bar showing the time (2:28 PM) and date (Fri 25 Sep). The main form is divided into several sections:

- Header Section:** Contains fields for Type (set to MIREP), Log Item#, ATA#, and Source Task/Discrep.#.
- Reference Details:** Includes toggle switches for Parts Required, Corrosion Related, Major Item, and Repeat.
- Resolution Details:** Features a text area for Corrective Action, an Action dropdown, and an Action Date & Time field (set to 09-25-2020 02:27:...). A red box highlights the Skill # field.
- Sign Off Requirements:** Includes toggle switches for Mechanic, Inspector, and RII. Below these are three input fields for Mech Skill #, Insp Skill #, and RII Skill #, which are also highlighted with a red box.
- Attachments:** A section with a green plus icon and a checkmark icon.
- Component Details:** A section with a right-pointing arrow.
- Buttons:** At the bottom, there are two green buttons: 'Create' and 'Create & SignOff'.

A blue box labeled 'Newly added controls' is positioned over the Attachments and Component Details sections.

Exhibit 2: Identifies the Create Discrepancy screen

11:49 AM Fri 25 Sep

< Discrepancy Card Create Discrepancy

Type: MIREP Log Item # ATA #: 00-00 Source Task #: LP-000589-2020/1 Maint. Object: A310 I 101

Description: Radio Communication Reported Date & Time: 09-25-2020 11:49:00 Category: DP Est. Man Hours: Reported By: Repair Class:

Reference Details

Parts Required: Corrosion Related: Major Item: Repeat:

Resolution Details

Corrective Action: Action: Action Date & Time: 09-25-2020 11:49:00 AM

Sign Off Requirements

Mechanic: Inspector: RII:

Mech Skill #: Insp Skill #: RII Skill #:

Attachments: Newly added controls

Component Details

Add Add & Sign Off Clear

Exhibit 3: Identifies the Edit Discrepancy screen

11:47 AM Fri 25 Sep

< eLog

Aircraft Reg# I Model: 101 I A310 Log Card # I Ref. #: LP-000790-2020 Station: Trenton FH: 227.00 FC: 101 Status: Planned

Manage Package

+ Record Discrepancy W

Discrepancy Open 1

Discrepancy # / Discrepancy

Disc-01 LP-000589-2020/1

Edit Discrepancy

Source Type: Source#: Type: MIREP

Description: Disc-01

ATA#: 00-00

Est. Man Hours: 1.00

Corrective Actions: Skill #:

Sign Off Requirement

Mechanic: Inspector: RII:

Mech Skill #: Insp Skill #: RII Skill #:

Save

Exhibit 4: Identifies the New Corrective Action screen

4:42 PM Wed 23 Sep

Discrepancy Card CDP-003723-2020

Maint Object: 000:99999 | Test10 | A104060
Source Doc # | Type: CWO-009055-2020 | CWO NST-065073-2020
Source Task #

ATA #: 00-00

Under Resolution

Problem & Res

Corrective Action

Sign Off Requirement

Mechanic Inspector RII

Mech Skill # Insp Skill # RII Skill #

Parts Required Major Item Corrosion Related

Save

Exhibit 5: Identifies the Discrepancy Card screen

eLog

Discrepancy Card LP-000423-2020/4

Log Item #: LP-000423
Main Object: 101 | A310
Source Doc # | Type: LP-000423-2020 | Line
Source Task #
ATA #: 00-00
Station Name: Trenton
Work Center #: 185-20
Status: Under Resolution

Discrepancy Part Request Comp. Repl.

Open Total Open Total Open Total

0 0 0 0 0 0

More

Under Resolution Edit Discrepancy RII Pending Part Cons. & Return Task Card Digitalization

Problem & Res. Details Corrective Action Associate Repair Task Resolution History

Corrective Action

Est. Man Hrs. Mechanic Inspector

Ca-4 14.50 hrs. N/A N/A

Ca2 02.00 hrs. Richard 00001413 01

Ca3 00.50 hrs. Pending 02

Ca4 00.50 hrs. Richard 00001413 N/A

More

Ability to capture Est. Man Hrs required against a Corrective Action and auto sum at Discrepancy level in MechanicAnywhere

Reference: APRP-1394

Background

Once a discrepancy is reported, Corrective Actions are entered later which are necessary for the resolution of the discrepancy. Estimated Man Hours required to execute the Corrective Actions also need to be captured along with Corrective Action recording.

Currently there is no provision to capture Estimated Man Hours at Corrective Action level in AME Hub & MechanicAnywhere. A new provision is therefore required to capture Estimated Man Hours at Corrective Action level in AME Hub & MechanicAnywhere and auto sum the Estimated Man Hours for all Corrective Actions and show it at Discrepancy level.

Change Details

Common Master

To facilitate to capture Est. man Hrs. at corrective action level, a new process parameter '**Est. Man Hrs. level for Discrepancies?**' is introduced to capture the Est. Man. Hrs value at the Corrective Action level under Entity Type "Package Type" and Entity "All user defined package types including "Log Card"", in the **Set Process Parameters** screen of the **Define Process Entities** activity of **Common Master** business component, with the following functionality:

Process Parameter Value	System Behavior
0 (Discrepancy level)	Existing Behavior System will capture Est. Man Hrs. at Discrepancy level.
1 (Corrective Action level)	System will capture Est. Man Hrs. at Corrective Action level.

New Corrective Action popup

In the new corrective action pop-up, a new editable control is added to facilitate the capture of Est. Man Hours while reporting a corrective action. This allows end-users to record the Est. Man Hrs at corrective action level.



Note: This new editable control will appear only if the Process Parameter value 'Est. Man Hrs. level for Discrepancies?' is set as 1, else the control will be hidden.

Discrepancy Write Up popup

Based on the Process Parameter value, the application behavior is as follows:

1. If set option set as '0', then Est. Man Hours. value will be captured and shown at Discrepancy level for a Discrepancy.
2. If set option set as '1', then Est. Man Hours. will be captured at Corrective Action level for a Discrepancy.

Create Discrepancy

If the process parameter value '**Est. Man Hrs. level for Discrepancies?**' is set as '0', then Est. Man Hours will be

captured and shown at Discrepancy level for a Discrepancy, else if it is set as '1', then Est. Man Hours will be captured at Corrective Action level for a Discrepancy.

Edit Discrepancy

Based on the Process Parameter value, the application behavior is as follows:

1. If set option set as '0', then Est. Man Hours will be captured and shown at Discrepancy level for a Discrepancy.
2. If set option set as '1', then Est. Man Hours will be captured at Corrective Action level for a Discrepancy.
3. If set option set as '1' and no Corrective Action is available then system will validate on entering Est. Man Hours.
4. If set option set as '1' and Corrective Action is also given during Discrepancy reporting, then the same will be copied as the Est. Man Hours of that Corrective Action.
5. If set option is set as '1', then Est. Man Hours will show the summation of the Est. Man Hrs. of all Corrective Actions.

Discrepancy Card

A new Est. Man Hrs. Column is added next to Corrective Action column in Corrective Action tab of Discrepancy Card screen. This displays the Est. Man Hrs. value recorded for the Corrective action respectively in the Est. Man Hrs. column.

Exhibit 1: Identifies **Est. Man Hours** editable control in Problem details section of Create Discrepancy screen of MechanicAnywhere

The screenshot displays the 'Create Discrepancy' screen with the following sections:

- Task Card Details:** Includes fields for Type (MIREP), Log Item #, ATA # (00-00), Source Task # (NSTD0014792019), and Maint. Object (B767-200 | 1132).
- Problem Details:** Contains fields for Description, Radio Communication, Reported Date & Time (1-22-2021 05:22:0...), Category, Est. Man Hours, Reported By, Repair Class, and Work Area #. A yellow callout box highlights the 'Est. Man Hours' field with the text 'Est. Man Hours editable control'.
- Reference Details:** Includes toggle switches for Parts Required, Corrosion Related, Major Item, and Repeat.
- Resolution Details:** Contains fields for Corrective Action, Action Date & Time (1-22-2021 05:22:07 PM), Skill #, and a dropdown for Action.
- Sign Off Requirements:** Includes toggle switches for Mechanic, Inspector, and RII, along with Skill # fields for each.
- Attachments:** A section with a green plus icon and a grey checkmark icon.
- Component Details:** A section at the bottom with a right-pointing arrow.

Exhibit 2: Identifies **Est. Man Hours** editable control added in Problem details section of create Discrepancy Card of MechanicAnywhere

The screenshot shows the 'eLog' app interface for creating a discrepancy. The 'Discrepancy Write up' form is open, with the 'Basic' tab selected under 'Problem Details'. The 'Est. Man Hours' field is highlighted with a yellow callout that says 'Est. Man Hours editable control'. Other fields include Type (MIREP), Log Item #, ATA #, Source Task/Discrep. #, Description, Category, Repair Classification, Work Area #, Reference Details (Parts Required, Corrosion Related, Major Item, Repeat), Resolution Details (Corrective Action, Skill #, Sign Off Requirements), and Attachments. The bottom has 'Create' and 'Create & SignOff' buttons.

Exhibit 3: Identifies **Est. Man Hours** editable control added in Edit Discrepancy Pop-up of MechanicAnywhere

The screenshot shows the 'Edit Discrepancy' pop-up form over a 'Discrepancy Card CDP-000675-2020'. The form includes fields for Source Type (DP), Source# (CDP-000600-2020), Type (MIREP), Description (test), ATA # (00-00), Discr. Category, Repair Classification (CID), Est. Man Hours (12.00), Work Area # (QF51), Corrective Action (test), Skill #, and Sign Off Requirements (Mechanic, Inspector, RII). A yellow callout points to the 'Est. Man Hours' field, labeling it as an 'editable control'. The bottom has a 'Save' button.

Exhibit 4: Identifies **Est. Man Hours** editable control added in New Corrective Action Pop-up of MechanicAnywhere

4:42 PM Wed 23 Sep

Discrepancy Card CDP-003723-2020

Maint Object: 000:99999 | Test10 | A104060 | Source Doc # | Type: CWO-009055-2020 | Source Task #: CWO NST-065073-2020

ATA #: 00-00 | Station Name: Mont

Under Resolution ☒

Problem & Res

Corrective Action

Sign Off Requirement

Mechanic ☐ Inspector ☐ RII ☐

Mech Skill # Insp Skill # RII

Parts Required ☐ Major Item ☐ Corrosion Related ☐

Act. Start Date & Time

Save

Est. Man Hours editable control

Exhibit 5: Identifies **Est. Man Hours** column added next to Corrective Action column in Corrective Action tab of Discrepancy Card screen.

eLog

Discrepancy Card LP-000423-2020/4

Log Item #: LP-000423 | Main Object: 101 | A310 | Source Doc # | Type: LP-000423-2020 | Line: ----- | Source Task #: -----

ATA#: 00-00 | Station Name: Trenton | Work Center#: 185-20 | Status: Under Resolution

More

Under Resolution ☒ Edit Discrepancy ☒ RII Pending ☒ Part Cons. & Return ☒ Task Card Digitalization ☒ 00:00:00 +

Problem & Res. Details **Corrective Action** Associate Repair Task Resolution History

Corrective Action +

Corrective Action	Est. Man Hrs	Mechanic	Inspector	
Ca-4	14.50 hrs.			
Ca2	02.00 hrs.	Richard 00001413	01	
Ca3	00.50 hrs.	Pending	02	
Ca4	00.50 hrs.	Richard 00001413	N/A	

Est. Man Hours column

Est. Man Hours value recorded against the Corrective Action

WHAT'S NEW IN AIRCRAFT EXECUTION HUB AND MECHANICANYWHERE?

Mandate Discrepancy Category based on set options in AME Hub and MechanicAnywhere

Reference: APRP-1397, APRP-1398

Background

User has categorized the defects and need to specify it against the Discrepancy while reporting and should be made mandatory for some customers. For this we have proposed to use the Discrepancy Category field for categorizing and defining the defects.

Change Details

Common Master

New process parameter "Mandate Discrepancy Category on Discrepancy Reporting?" has been added under the Entity Type 'Package Type' and the Entity 'All user defined package types including Log Card' in the **Set Process Parameters** screen of the **Define Process Entities** activity of **Common Master** with the following functionality:

Process Parameter Value	System Behavior
0 (No) Existing Behavior	System will not mandate discrepancy category on discrepancy reporting.
1 (Yes)	System will mandate discrepancy category on discrepancy reporting.

Work Reporting Hub

If the above process parameter is set as 'Yes' and user tries to report a discrepancy in Discrepancy tab multiline or in **Manage Discrepancy** screen without selecting the Category, will validate to select Category on Save or Report Discrepancy respectively.



Note: This behavior is not applicable on any means of editing the discrepancy. Even though the process parameter is set as yes and user tries to edit the discrepancy by blank out the previously saved value for a discrepancy will not validate on save or edit discrepancy.

MechanicAnywhere

If the above process parameter is set as 'Yes' and user tries to report a discrepancy in Create Discrepancy or in Discrepancy write-up screen without selecting the Category will validate to select Category on Add/Add & Sign Off or Create/Create & Sign Off respectively.



Note: This behavior is not applicable on any means of editing the discrepancy. Even though the process parameter is set as yes and user tries to edit the discrepancy by blank out the previously saved value for a discrepancy will not validate on save.

Exhibit 1: Identifies the Aircraft Work Reporting Hub screen

The screenshot displays the 'Aircraft Work Reporting Hub' interface. The main section is a table titled 'Discrepancy' with columns: #, Error, CS, WS, Att, Type, Log Item #, SS, ATA #, Repair Class., Category, Exe. Phase, and Exec. Category. The 'Category' column is highlighted with a red box. The table contains four rows of data. Below the table are buttons for 'Start Clock', 'Stop Clock', 'Reset', 'Save', 'Close', 'Report Discrep.', 'Discrep. Action', 'Hold', and 'Release'. There are also links for 'Request Part', 'Change Part', 'Sign Off Subtasks', and 'Quick Links'.

#	Error	CS	WS	Att	Type	Log Item #	SS	ATA #	Repair Class.	Category	Exe. Phase	Exec. Category
1					MIREP	1/16		00-00	ABUSED		Regular	
2					MIREP	1/17		00-00	ABUSED		Regular	1-Repair
3					MIREP	1/21		0000			Regular	1-Repair
4					MIREP	1/TESTING1		00-00			Regular	1-Repair

Exhibit 2: Identifies the Manage Discrepancy screen

The screenshot displays the 'Manage Discrepancy' form. The form includes fields for 'Source Task/Discrep. #', 'Type' (set to MIREP), 'Reported By' (00041383), 'Log Item #', 'Reported Date', 'ATA #', 'Reported Time', 'Description', and 'Radio Comm.'. There is a 'More Info' section with fields for 'Parts Required?', 'Corrosion Related?', 'Major Item?', 'Category' (highlighted with a red box), 'Repeat?' (set to No), 'Skill #', 'Repair Class.', 'Zone #', 'Work Area #', 'Est. Man Hrs.', 'Exec. Phase', 'Exec. Category', and 'Work Center #'. At the bottom is a green 'Report Discrepancy' button. The background shows the same 'Aircraft Work Reporting Hub' interface as Exhibit 1.

Exhibit 3: Identifies the Create Discrepancy screen of MechanicAnywhere

6:34 PM Thu 24 Sep

< Discrepancy Card

Create Discrepancy

Type: MIREP Log Item #: ATA #: 72 Source Task #: LOG12345 Maint. Object: A310 | Vt-666

Problem Details

Description: Radio Communication: Reported Date & Time: 09-24-2020 06:34:35 Category: Est. Man Hours:

Reported By: Repair Class:

Reference Details

Parts Required: Corrosion Related: Major Item: Repeat:

Attachments: + -

Resolution Details

Corrective Action: Action: Action Date & Time: 09-24-2020 06:34:35 PM

Sign Off Requirements

Mechanic: Inspector: RII:

► Component Details

Add Add & Sign Off Clear

Exhibit 4: Identifies the Discrepancy Write Up screen of MechanicAnywhere

6:31 PM Thu 24 Sep

< eLog

eLog

Discrepancy Write Up

Type: MIREP Log Item#: ATA#: Source Task/Discrep.#:

Problem Details

Basic Additional

Description: Category: Est. Man Hours:

Repair Classification:

Reference Details

Parts Required: Corrosion Related: Major Item: Repeat:

Attachments: + -

Resolution Details

Corrective Action: Action: Action Date & Time: 09-24-2020 06:31:...

Sign Off Requirements

Mechanic: Inspector: RII:

Create Create & SignOff

WHAT'S NEW IN MECHANICANYWHERE?

Ability to mandate Work Area information for a Discrepancy in MechanicAnywhere

Reference: APRP-1392

Background

Some organizations work with Work Area as an identification factor for reporting / picking Discrepancies to work with. In Work Reporting Hub in desktop, there's a capability to capture Work Area # against Discrepancies which is applicable for a particular Aircraft Model #.

Hence, a similar provision to capture, view and search Discrepancies with Work Area # is required in MechanicAnywhere so that users can directly pick a Work Area # under which the Discrepancies are applicable to for execution.

Change Details

Common Master

In order to mandate the capture of Work Area #, a new process parameter "Mandate Work Area # for Discrepancies during discrepancy reporting?" is introduced under Entity Type "Package Type" and Entity "All user defined package types including "Log Card"", in the **Set Process Parameters** screen of the **Define Process Entities** activity of **Common Master** business component, with the following functionality:

Process Parameter Value	System Behavior
0 (No)	Work Area # will not be mandated for a Discrepancy whenever a Discrepancy is reported.
1 (Yes)	Work Area # will be mandated for a Discrepancy whenever a Discrepancy is reported/ modified

To facilitate the capture of the Work Area #, following modifications are done in the below mentioned screens.

Create Discrepancy

A new editable control Work Area # is introduced in the problem details section to capture the Work Area # while creating a discrepancy.

Discrepancy Write Up

New editable control Work Area # introduced in the Problem Details section, Work Area # for a Discrepancy can be captured or edited from here.

Edit Discrepancy

An editable control Work Area # is added in description section to facilitate the capture or modification of the Work Area # while editing a discrepancy.

elog

Work Area can be viewed in elog by grouping discrepancies based on group by as Work Area #. Each tree node will show individual Work Area # and the respective discrepancies under those Work Area # will be listed in a hierarchical manner in the tree.

Discrepancy Card- View

In the Execution Info section, a display only control Work Area # is introduced to display the Work Area # captured for that discrepancy.

Discrepancy List – Search

New combo value Work Area # introduced for the control Search By, Discrepancy with Work Area # captured can be searched using this Search Criteria.

Edit Discrepancy Card

A new editable control Work Area # is added in the Execution Info section of the Edit Discrepancy Card.

Exhibit 1: Identifies new editable control added in Problem details section of create Discrepancy Card of MechanicAnywhere

5:22 PM Fri 22 Jan

Create Discrepancy

Task Card Details

Type: MIREP Log Item #: ATA #: 00-00 Source Task #: NSTD0014792019 Maint. Object: B767-200 I 1132

Problem Details

Description: Radio Communication: Reported Date & Time: 1-22-2021 05:22:0... Category: Est. Man Hours: Reported By: Repair Class: Work Area #:

Reference Details

Parts Required: Corrosion Related: Major Item: Repeat:

Resolution Details

Corrective Action: Newly added control Editable control Work Area 1-22-2021 05:22:07 PM Skill #:

Sign Off Requirements

Mechanic: Inspector: RII: Mech Skill #: Insp Skill #: RII Skill #:

Attachments: Component Details

Exhibit 2: Identifies new editable control added in Edit Discrepancy Card pop-up of MechanicAnywhere.

5:26 PM Fri 22 Jan

Discrepancy Card CDP-000675-2020

Log Item # Maint Object Source Doc # I Type Source Task #

LP-0008... 6YJMB IA320-211 LP-000855-2020 I Line... CDP-000600-2020

ATA # Station Name Work Center # UnderResolution ON-HOLD

00-00 Trenton 185-20

Discrepancy + Part Request + Comp. Repl. +

Open Total Open Total Open Total

0 1 0 0 0 0

00:00:00 +

Under Resolution

Execution Info

Category 1-Repair

Reference Info

Hold Item #

Delay Incident Info

Repair Class CID

Deferral Details

Fault #

Component Details

Priority

Deferral Task #

Track Status #

Work Area # QF51

Save

Newly added control Editable control 'Work Area #'

Exhibit 3: Identifies new display only control added in Execution Info section of Edit Discrepancy Card of Discrepancy Card

5:26 PM Fri 22 Jan

Discrepancy Card CDP-000675-2020

Log Item # Maint Object Source Doc # I Type Source Task #

LP-0008... 6YJMB IA320-211 LP-000855-2020 I Line... CDP-000600-2020

ATA # Station Name Work Center # UnderResolution ON-HOLD

00-00 Trenton 185-20

Discrepancy + Part Request + Comp. Repl. +

Open Total Open Total Open Total

0 1 0 0 0 0

00:00:00 +

Under Resolution Edit Discrepancy RII Pending Part Cons. & Return

Execution Info

Category 1-Repair

Priority

Hold Item #

Deferral Task

Fault #

Tracking status

Repair Class CID

Work Area # QF51

Reference Info

Problem & Res Details

Problem Details

Description test

Reported By 00001413

Reported By 12-17-2020 10:35:37 AM

Resolution Details

Current Doc# I Type LP-000855-2020 I Line Package

Action Date 12-17-2020 10:35:40 AM

Deferred By

Type I Item# Reason

Attachments

Newly added display only control 'Work Area #'

Exhibit 4: Identifies newly added editable control added in Problem Details section of Discrepancy Write up

The screenshot shows the 'eLog' interface for a 'Discrepancy Write up'. The form is divided into several sections: 'Type' (MIREP), 'Log Item #', 'ATA #', and 'Source Task/Discrep.#'. The 'Problem Details' section is highlighted in blue and contains a 'Description' text area, 'Category' dropdown, 'Est.Man Hours' text field, 'Repair Classification' dropdown, and 'Work Area #' text field. A yellow callout points to the 'Work Area #' field with the text 'New 'Work Area #' editable control.' Below this are 'Reference Details' (Parts Required, Corrosion Related, Major Item, Repeat) and 'Resolution Details' (Corrective Action, Skill #, Sign Off Requirements). At the bottom are 'Attachments' and 'Create'/'Create & SignOff' buttons.

Exhibit 5: Identifies new 'Work Area #' combo value for the SearchBy control

The screenshot shows the 'Discrepancy List' interface. At the top, there's a 'SearchBy' dropdown menu with 'Work Area #' selected. Below it, there's an 'Advanced Search' button. The list shows 38 Open, 0 Deferrals, and 2 Closed items. The first two items are 'test' entries with details like 'MIREP | CDP-000675-2020 | LP-000855-2...' and 'A320-211 | 6YJMB | CDP-000675-2...'. The third item is 'testing work area'. A yellow callout points to the 'Work Area #' field in the search bar with the text 'New 'Work Area #' combo value'.

Exhibit 6: Identifies Discrepancies grouped based on the Work Area reported in elog screen

The screenshot shows the 'eLog' interface for a 'Discrepancy Card'. The top navigation bar includes 'Manage Package', 'Ground Handling', 'Maint./Pilot Discrepancy', 'Tasks & Discrepancies' (selected), 'Maint. Events & Task', 'Preview and Acceptance', and 'Fuel / Oil'. The main content area displays a list of discrepancies under the 'Discrep.' tab. A yellow callout points to the 'QF51' group, stating: 'Discrepancies grouped based on 'Work Area #''. The list includes items like 'CDP-000675-2020 | 00-00 | MIREP test' and 'CDP-000681-2020 | 00-00 | MIREP testing work area'.

Exhibit 7: Identifies newly added editable control added in Edit Discrepancy

The screenshot shows the 'Edit Discrepancy' form for 'CDP-000675-2020'. The form includes fields for 'Source Type' (DP), 'Source#' (CDP-000600-2020), 'Type' (MIREP), 'Description' (test), 'ATA #' (00-00), 'Discr.Category', 'Repair Classification' (CID), 'Est.Man Hours' (12.00), and 'Work Area #' (QF51). A yellow callout points to the 'Work Area #' field, stating: 'Work Area #' editable control added'. The form also includes 'Corrective Actions' (test), 'Sign Off Requirement' (Mechanic, Inspector, RII), and skill fields (Mech Skill #, Insp Skill #, RII Skill #). A 'Save' button is at the bottom.

Ability to display count of Discrepancies in TO DO LIST of MechanicAnywhere

Reference: APRP-1084

Background

Some tasks are assigned to Mechanics to work in MechanicAnywhere. During the execution of these tasks, mechanics report discrepancies as and when they find and also execute the same. Currently in To Do List screen of MechanicAnywhere, only Assigned Tasks are shown as Assigned Jobs. Mechanics working on an assignment basis would like to see the discrepancies also reported against the assigned task.

Hence, a new provision is required in the To Do List screen of MechanicAnywhere in order to view the Discrepancy related counts also.

Change Details

To Do List

1. The following entities to be renamed:
 - Assigned Job -> Assigned Tasks
 - Current Job -> In-Progress Tasks
 - End Clock -> Running Clock for Tasks
 - Authorize MRs -> Pending MRs
 - Confirm CRs -> Pending CRs
2. Open Work block renamed to For Your Action
3. The following new entities to be introduced in To Do List:
 - Pick My Job : Assigned Discrepancies, In-Progress Discrepancies
 - For Your Action : Running Clock for Discrepancies

Assigned Discrepancies

All Discrepancies which are auto assigned against an assigned task and also discrepancies which are manually assigned to the login user which are in status Under Resolution to be listed in the search result section.

In-Progress Discrepancies

All Discrepancies which are in Under Resolution status and associated background task in In-Progress status to be listed in the search result section.

Running Clock for Discrepancies

All Discrepancies started by the login user and for which clock is running to be listed in the search result section.

Assigned Tasks

All Tasks assigned to the login user which are in status Planned, In-Progress and Completed to be listed in the

search result section.

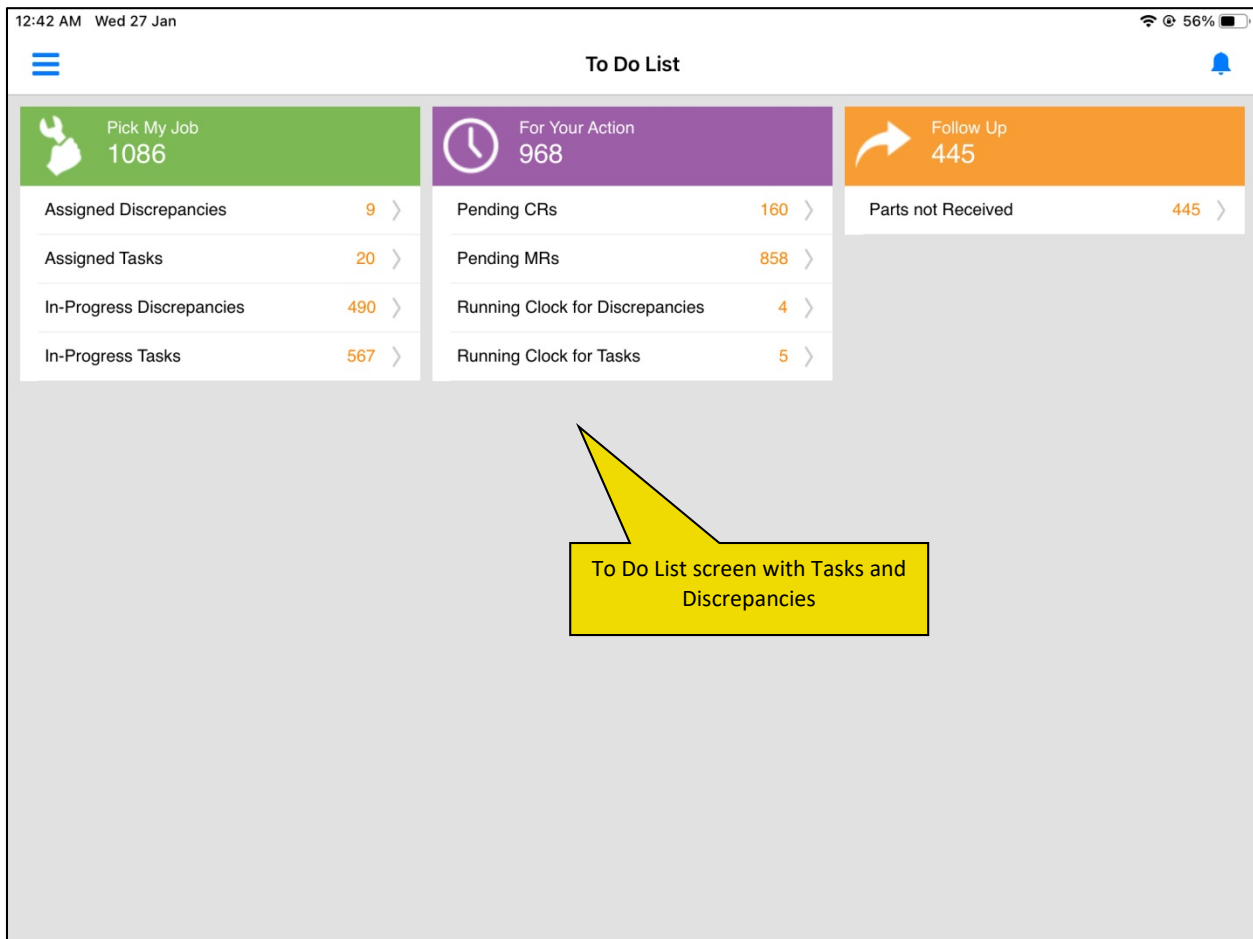
In-Progress Tasks

All Tasks which are in In-Progress status to be listed in the search result section.

Running Clock for Tasks

All Tasks started by the login user and for which clock is running to be listed in the search result section.

Exhibit 1: Identifies changes in 'To Do List' screen of MechanicAnywhere.



View PDF Attachments against Serials in Stock Inquiry screen of MechanicAnywhere

Reference: APRP-1121

Background

User may need to view the attachments uploaded against the Part / Part – serial/lot while searching for the Part / Part-serial/lot in **Stock Inquiry** screen of **MechanicAnywhere**.

Change Details

Stock Inquiry

In Stock Inquiry, if a Part / Part-serial/lot have any documents attached to it from Part Master or thru Customer Goods Receipt, a new icon will display in the Stock Inquiry of Mechanic Anywhere. If it has Part level attachments, it will display the new icon in Part Info section against the Part # inside the warehouse list level display and if it has Part – Serial/Lot level attachments, it will display the new icon in Serial/Lot List multiline against the respective Serial #/Lot # inside the warehouse level display.

If user taps on the new icon, it will launch View Documents pop-up with all the documents attached are listed in it. On click of any image file inside the View Documents pop-up will launch View Attachments screen with full view mode. If it is a document, it will launch the document in full view mode.



Note: Will display the icon only if part level attachments are done in Part Master and Serial/Lot level is done in Customer Goods Receipt.

Exhibit 1: Identifies the **Stock Inquiry** screen of **MechanicAnywhere**

Stock Inquiry

Part # 0-01291 Stock status Location Work center

Advance search

WHS# ATL-01 PT# 0-01291-013 | 1300 - L Adhesive Back to warehouse list

Stock information	Serial/lot list
0-01291 Carburator Owned New Owned	05 EA
0-01291 Carburator PBH Serviceable Supplier	05 EA
0-01291 Carburator Customer owned Serviceable Customer	05 EA
10-2356-1 Carburator Owned New Owned	05 EA

Stock status: Customer owned Condition: Serviceable Ownership: Customer

PT#0-01291 | SL110-01291.1 400007 | CBA Airways Exp 10/01/2018 50 EA 50 EA

PT#0-01291 | SL110-01291.2 400007 | CBA Airways Exp 10/01/2018 40 EA 10 EA

PT#0-01291 | SL110-01291.3 400007 | CBA Airways Exp 10/01/2018 50 EA 50 EA

Alternate part PMA part Maintenance due Shelf life over due Quantity in kit Free quantity Allocated quantity

New icon added in the stock inquiry page to have doc visibility at Part level

The same icon added in the stock inquiry page to have doc visibility at serial/lot level

User taps on the new icon will launch a new pop up showing the docs attached against the Part # / respective serial # / lot #

Exhibit 2: Identifies the **View Documents** screen of **MechanicAnywhere**

Stock Inquiry

Part # 0-01291 Stock status Location Work center

Advance search

WHS# ATL-01 PT# 0-01291-013 | 1300 - L Adhesive Back to warehouse list

Stock information

0-01291 | Carburator
Owned | New | Owned

0-01291 | Carburator
PBH | Serviceable | Supplier

0-01291 | Carburator
Customer owned | Serviceable | Customer

10-2356-1 | Carburator
Owned | New | Owned

View Documents

File-001-2020

File-002-2020

File-003-2020

Ownership: Customer

50 EA 50 EA

40 EA 10 EA

50 EA 50 EA

Alternate part PMA part Maintenance due Shelf life over due Quantity in kit Free quantity Allocated quantity

This pop up will list down all the documents attached against the Part # / respective serial # / lot #

Ability to configure items to display in Calendar view of MechanicAnywhere

Reference: APRP-1438

Background

Mechanics perform all maintenance execution activities in MechanicAnywhere. If any task/discrepancy is assigned to him/her or any jobs are in-progress, he/she will be able to view that on a Calendar basis. Sometimes the Calendar will be cramped due to more items. Therefore there should be an ability to configure items to display Calendar view of MechanicAnywhere.

Change Details

Common Master

The below process parameters are added under the Entity type 'Mobility' and the Entity 'MechanicAnywhere' in the **Define Process Entities** activity of **Common Master** business component with the following permitted values:

1. Calendar applicable for?
 - 0 (None) – Calendar will not show any Tasks/Discrepancies/Material Requests
 - 1 ('AME only) - Calendar will show only Aircraft Maintenance Execution Tasks/Discrepancies/Material Requests only
 - 2 ('SWO only) - Calendar will show only Shop work Order Tasks/Discrepancies/Material Requests only
 - 3 ('Both AME and SWO) - Calendar will show both Aircraft Maintenance Execution Shop work Order Tasks/Discrepancies/Material Requests.
2. Show jobs that are assigned to the login user?
 - 0 (No) -,System will not show the assigned tasks/discrepancies of login user
 - 1 ('Yes) - System will show the assigned tasks/discrepancies of login user
3. Show jobs for which clock has been started or timesheet has been booked by the login user?
 - 0 (No) -,System will not show tasks/discrepancies for which clock has been started or timesheet has been booked by the login user.
 - 1 ('Yes) - System will show tasks/discrepancies for which clock has been started or timesheet has been booked by the login user.
4. 'Show jobs added to package by the login user?
 - 0 (No) -,System will not show tasks/discrepancies added to package by the login user
 - 1 ('Yes) - System will show tasks/discrepancies added to package by the login user
5. 'Show jobs signed off by the login user? '
 - 0 (No) -, System will not show tasks/discrepancies signed off by the login user
 - 1 ('Yes) - System will show tasks/discrepancies signed off by the login user

6. 'Show tasks for which execution comments has been entered by the login user? '
 - 0 (No) -, System will not show tasks for which execution comments has been entered by the login user
 - 1 ('Yes) - System will show tasks for which execution comments has been entered by the login user
7. Show discrepancies for which corrective action has been entered by the login user? '
 - 0 (No) -, System will not show discrepancies for which corrective action has been entered by the login user
 - 1 ('Yes) - System will show discrepancies for which corrective action has been entered by the login user
8. 'Show jobs for which status has been changed by the login user? '
 - 0 (No) -, System will not show tasks/discrepancies for which status has been changed by the login user
 - 1 (Yes) - System will show tasks/discrepancies for which status has been changed by the login user
9. 'Show jobs for which Component Replacement has been performed by the login user? '
 - 0 (No) -, System will not show tasks/discrepancies for which Component Replacement has been performed by the login user.
 - 1 ('Yes) - System will show tasks/discrepancies for which Component Replacement has been performed by the login user.
10. 'Show jobs for which parts consumption and return has been recorded by the login user? '
 - 0 (No) -, System will not show tasks/discrepancies for which parts consumption and return has been recorded by the login user.
 - 1 ('Yes) - System will show tasks/discrepancies for which parts consumption and return has been recorded by the login user.
11. 'Show jobs for which Material Request has been raised by the login user? '
 - 0 (No) -, System will not show tasks/discrepancies for which Material Request has been raised by the login user
 - 1 ('Yes) - System will show tasks/discrepancies for which Material Request has been raised by the login user.
12. 'Show jobs details modified by the login user? '
 - 0 (No) -, System will not show tasks/discrepancies details modified by the login user.
 - 1 ('Yes) - System will show tasks/discrepancies details modified by the login user.

Visibility in Calendar

Based on the values set for process parameter, system will display the respective tasks, discrepancies or/and Material Requests in the calendar.

WHAT'S NEW IN LINEANYWHERE?

Corrective action to be made mandatory when deferring the discrepancy for the first time in LAW

Reference: APRP-1295

Background

Corrective action to be made mandatory when deferring the discrepancy and on subsequent deferrals, it should not be mandated.

Change Details

Common Master

New process parameter "Mandate Corrective Action during Discrepancy Deferral?" has been added under the Entity type 'Mobility' and the Entity 'Line Anywhere' in the **Set Process Parameters** screen of the **Define Process Entities** activity of **Common Master** with the following functionality:

Process Parameter Value	System behavior
0 (No) Existing Behavior	System will not mandate corrective action to be entered on deferring the discrepancy.
1 (Yes)	System will always mandate corrective action to be entered on deferring the discrepancy.
2 (Only First Deferral)	System will mandate corrective action to be entered on deferring the discrepancy for first time only.

eLog / Defer pop-up

If the new process parameter value, is set as '1', whenever user tries to defer a discrepancy without entering corrective action will validate on saving. In the same way if the parameter value is set as '2', user tries to defer a discrepancy for the very first time without entering corrective action will get validated on saving it. For further deferrals it will not mandate corrective action to be entered for deferring the discrepancy even though the parameter is set as '2'.

Exhibit 1: Identifies the eLog screen of LineAnywhere.

7:43 PM Tue 19 May

eLog

Aircraft Reg # | Nose # | Model # | Exec. Ref # | Package Type | Work Center / Station | Status | Due Item

842 | 842 | B767-200 | LC-029138-2020 | Line Package | 185-20 | AIR | In-Progress | 27

More

Manage Package | Discrepancies | Tasks | Preview and Acceptance

DIS-000327-2016 Under resolution

Discrepancy Details | Resolution/Deferral Details

Description

Discrepancy 3

Action: Defer

Actual Man Hrs

Closed Station

Repair Classification

Closed Date & Time

Confirmed?

Corrective Action

Mechanic Inspector RII

Sign-off

Not Required

Corrective Action History

LOPA View Save

Ability to view/edit/delete time that is booked offline for Mechanics in LineAnywhere

Reference: APRP-1472

Background

In LineAnywhere, users can book timesheet in a draft version, against task, discrepancy or book an indirect time. This time recorded will be booked only on successfully transfer of the Package online. Before the transfer the initiated, a provision is required for Mechanics in order to review and even modify the time recorded from LineAnywhere.

Change Details

To facilitate the review and modification of time records in LineAnywhere, the following modifications have been incorporated in Ramco Aviation:

- New left pane activity **Review Timesheet** introduced.
- New link **Review Timesheet** added in the eLog - Package header.
- New **Review Timesheet** screen will be launched:
 - On tap of the new link Review Timesheet in eLog header, will show all the timesheet recordings done within the respective package referenced from eLog.
 - On tap of the new activity Review Timesheet, will show all the timesheet recordings done across packages loaded into the LineAnywhere application.
 - On tap of the Time Duration button for a particular task/discrepancy. will show all the timesheet recordings done for the respective task/discrepancy alone referenced from eLog.
- Tabs: **All, Direct, Indirect** for filtering for the timesheet records is provided when launched from either left pane launch or eLog header link.
- Review Timesheet has a card layout where each card shows each timesheet record done. It shows various information: Exec. Doc Ref # or Indirect Category, Task # / Discrepancy #, Unique Identifier # | Booking Type | Attendance Type | Time Classification, From, To and Duration of the timesheets recorded.
- Duration icon is color coded in order to distinguish the timesheet records:-
 - **Dark Orange** - Discrepancy
 - **Blue** - Task
 - **Green** - Indirect Time
- **Modify:** Timesheet records can be modified on tap of the Edit icon in each cards. If tapped for Direct Time booking, will launch Modify Direct Time popup and if launched for Indirect Time booking, will launch Modify Indirect Time popup and default the values captured during the time record in the respective controls of the respective popups.
- **Delete:** Timesheet records can be deleted on tap of the Delete icon. A warning message will be shown to the user. On tap of Yes, will delete the respective timesheet record card from which the Delete icon was tapped.

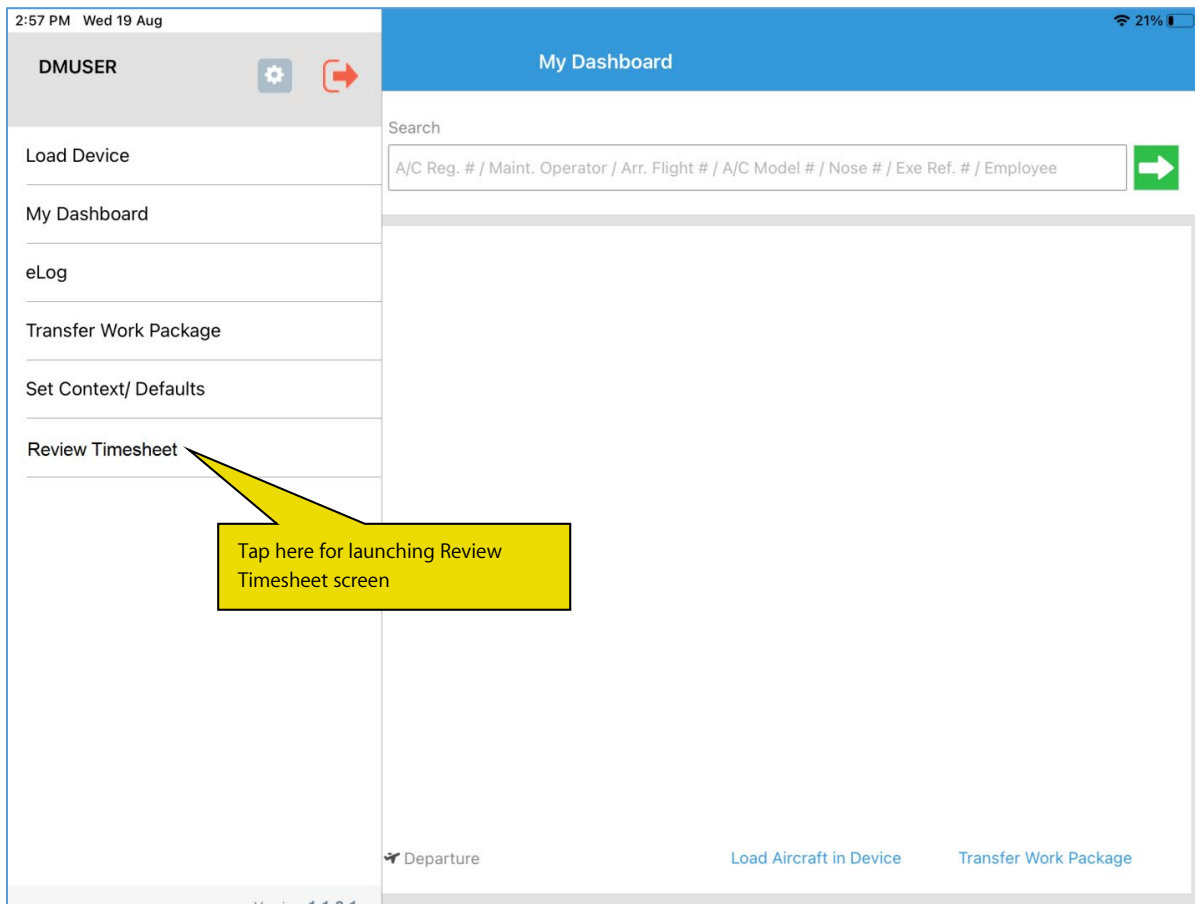
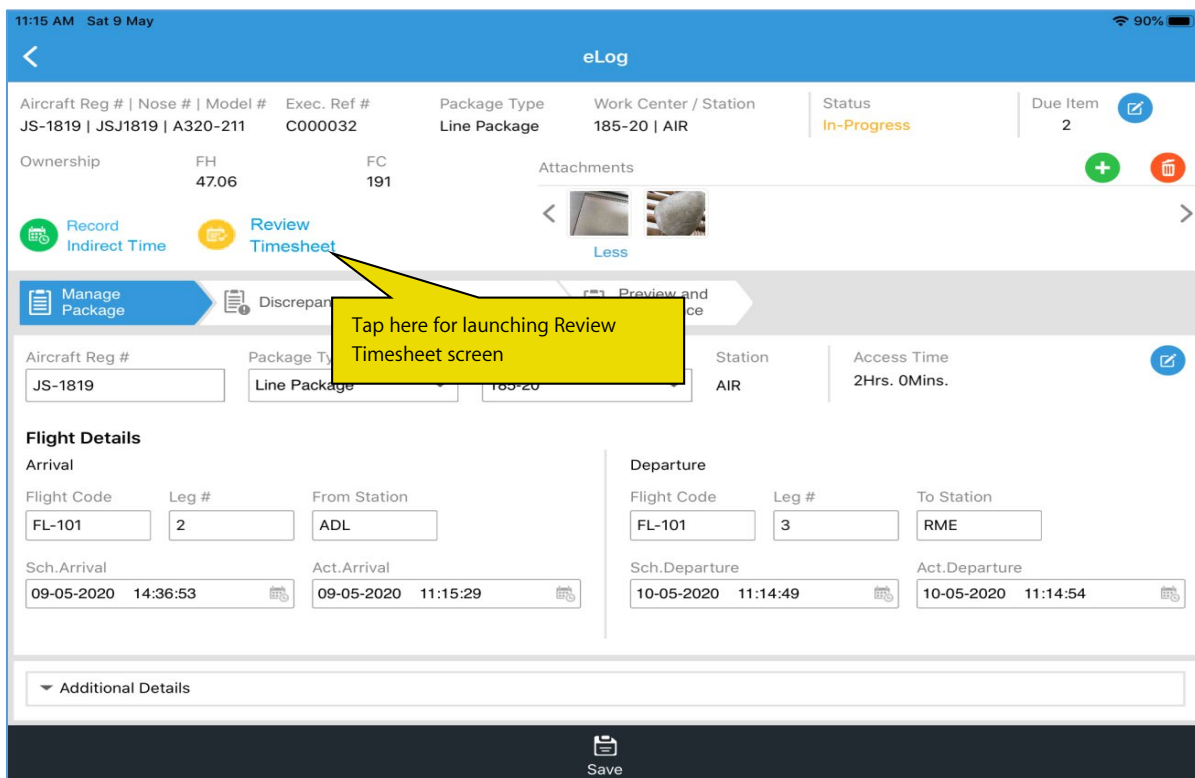
Exhibit 1: Identifies the new left pane activity **Review Timesheet** in **LineAnywhere****Exhibit 2:** Identifies the new **Review Timesheet** icon in **eLog** header

Exhibit 3: Identifies the new **Review Timesheet** screen when launched from left pane activity or eLog header

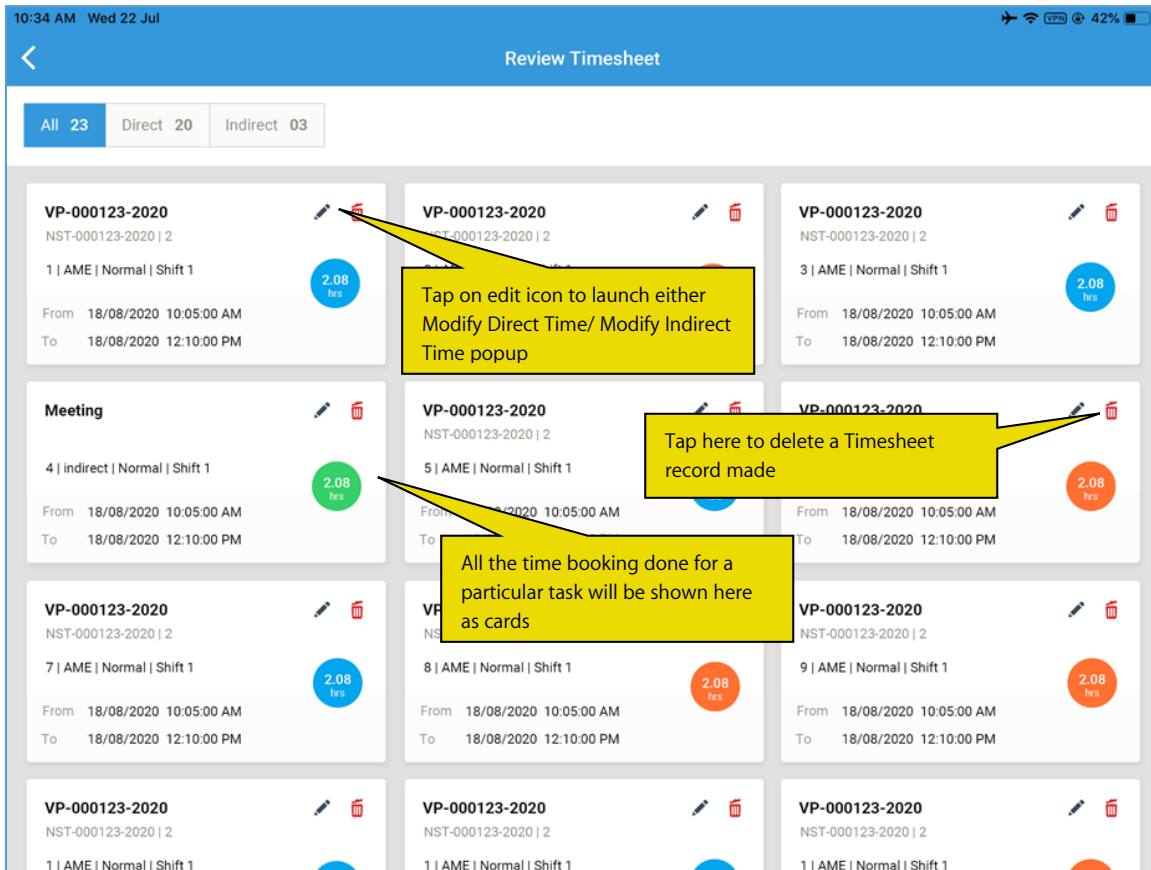


Exhibit 4: Identifies the new **Modify Direct Time** popup in **Review Timesheet** screen

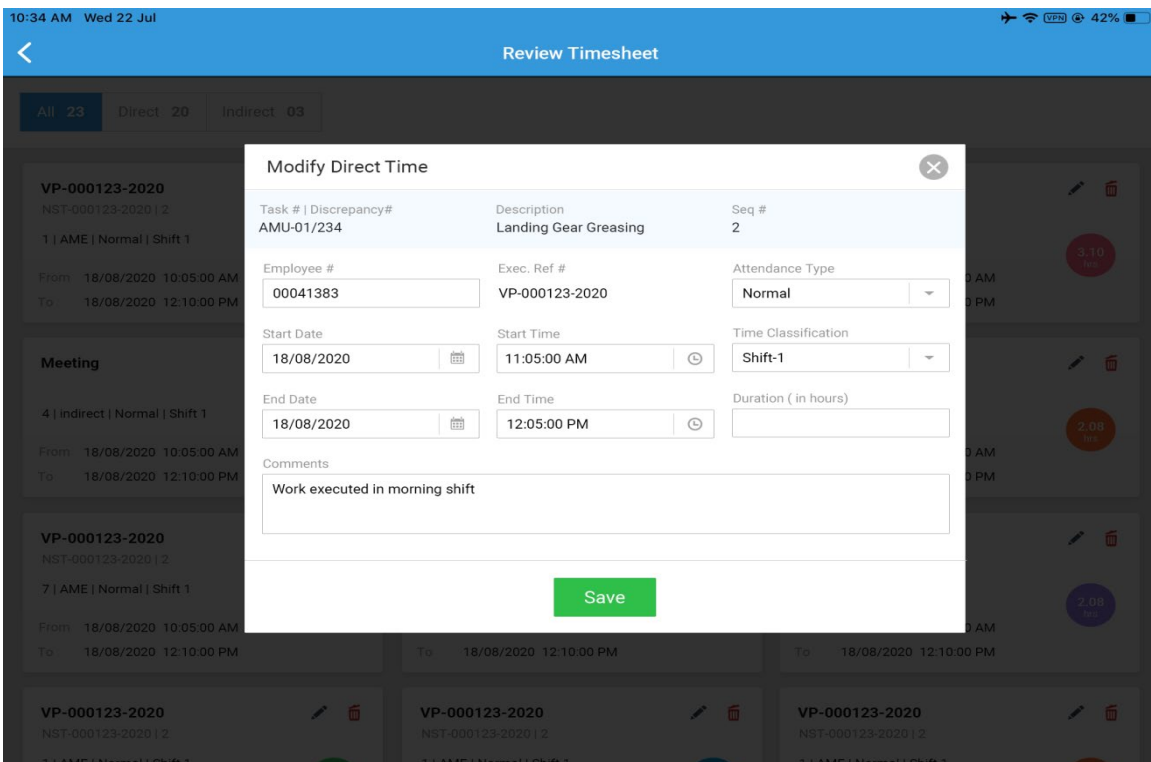


Exhibit 5: Identifies the new **Modify Indirect Time** popup in **Review Timesheet** screen

The screenshot shows the 'Review Timesheet' interface. At the top, a blue header bar contains the time '10:34 AM', date 'Wed 22 Jul', and a back arrow. Below the header, there are tabs for 'All 23', 'Direct 20', and 'Indirect 03'. The main area displays a list of timesheet entries for employee 'VP-000123-2020'. A modal popup titled 'Modify Indirect Time' is open in the center. The popup contains the following fields:

- Employee #**: 00041383
- Indirect Category**: Meeting (dropdown)
- Attendance Type**: Normal (dropdown)
- Start Date**: 18/08/2020 (calendar icon)
- Start Time**: 10:05:00 AM (clock icon)
- Time Classification**: Shift-1 (dropdown)
- End Date**: 18/08/2020 (calendar icon)
- End Time**: 12:10:00 PM (clock icon)
- Duration (in hours)**: (empty field)
- Comments**: Daily assignment meeting (text area)

A green 'Save' button is located at the bottom of the popup. The background timesheet entries show dates from 18/08/2020 10:05:00 AM to 12:10:00 PM.

Ability to select seats based on Set Option in LOPA view of LineAnywhere

Reference: APRP-1294

Background

In LOPA, when user clicks on 'Select All', system should provide the option to select only the Seats based on set options.

Change Details

Common Master

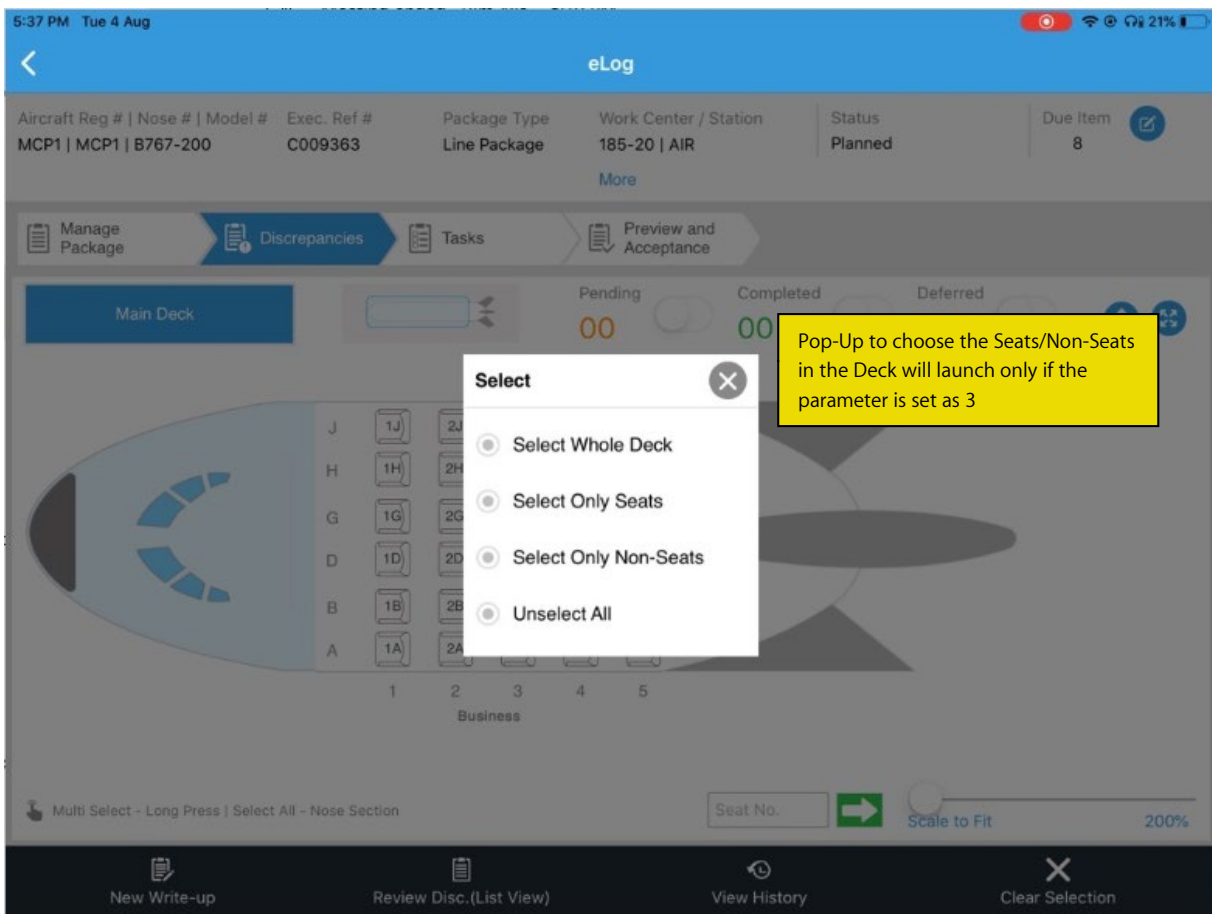
New process parameter "Selection during double tap of Aircraft Nose in LOPA View?" has been added under the Entity type 'Mobility' and the Entity 'Line Anywhere' in the **Set Process Parameters** screen of the **Define Process Entities** activity of **Common Master** with the following functionality:

Process Parameter Value	System behavior
0 (Whole Deck)	On double tapping the nose in LOPA view, will select the whole deck.
1 (Only Seats)	On double tapping the nose in LOPA view, will select only seats in the deck.
2 (Only Non-Seats)	On double tapping the nose in LOPA view, will select only the non-seats in the deck.
3 (Ask me each time) Existing Behavior	On double tapping the nose in LOPA view, will launch the select pop-up.

LOPA

Based on the new process parameter value set, on double tapping the nose of aircraft in LOPA view will allow to select the whole deck or select only seats or select only non-seats or will launch the select pop-up. Based on the selection, the selected cabin positions will display all the seats/non-seats selected.

Note: Once the selection made, if user double tap again on the nose of the aircraft, will unselect the entire deck. The 'selected cabin positions' will display blank.

Exhibit 1: Identifies the **Select** pop-up in LOPA view

Ability to retain Source of Discrepancy across Deferrals in LineAnywhere

Reference: APRP-1128

Background

The defect source is mandatory requirement for all discrepancies in some of the customers. Currently if the defect source is selected as 'Task' or 'Discrepancy' for a discrepancy and deferred, when this discrepancy is added to a subsequent package, the discrepancy will be added without the source details. In that case user may not be able to map the original source task/discrepancy if the source task/discrepancy is not available in the latest package.

Change Details

Common Master

A new process parameter 'Retain original Source Task/Discrepancy details for the deferred discrepancies added from Due List?' is introduced under the Entity Type 'Mobility' and the Entity 'LineAnywhere' in the **Define Process Entities** activity of Common Master business component with the following permitted values:

- 0 (No) Existing Behaviour - System will not retain the original Source Task/Discrepancy details for the deferred discrepancies added from Due List.
- 1 (Yes) - System will retain the original Source Task/Discrepancy details for the deferred discrepancies added from Due List.

Discrepancies tab

If the process parameter 'Retain original Source Task/Discrepancy details for the deferred discrepancies added from Due List?' is set as 1 for 'Yes', then on adding of discrepancies with source task/discrepancy from Due List, the Source Type No. columns will be disabled and user cannot edit the value. Also the system will not check whether the source task/discrepancy is available in the package or not.

Exhibit 1: Identifies changes in 'Discrepancies' tab of LineAnywhere

3:26 PM Thu 26 Nov

eLog

Aircraft Reg # | Nose # | Model # Exec. Ref # Package Type Work Center / Station Status Due Item
AI-7078 | 2 | 737-200 VP-010337-2020 Line Package 185-20 | AIR Planned 0

More

Manage Package Discrepancies Tasks Preview and Acceptance Fuel / Oil Uplift

Scratch Under resolution

Discrepancy Details Resolution/Deferral Details

00:00:00 + Add

Description Log Item # ATA # Attachment
Scratch Log # / LogItem # 57-30

Disc. Category Reported Station
ATTRI

Cabin Position # Source Type No.
kz Task NST-015..

Reported By Reported Date & Time
00001452 30-10-2020 12:00:00

Affected Function Defect Type
No. of Channels Equipment Category

Safety Related Pax.Abuse?

Source Type No. control is disabled while adding the discrepancy from Due List

LOPA View Save

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