

ramco

**RAMCO AVIATION SOLUTION
VERSION 5.9**

USER GUIDE

MechanicAnywhere

MOBILE

APPLICATION

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ABOUT THIS MANUAL

This document is the Software User Manual (SUM) for the MechanicAnywhere, a mobile application that has been developed by Ramco Systems, to equip the mechanics to record work execution in just a few taps.

This manual will support:

- System/Project Administrator in understanding the steps to download and Install the MechanicAnywhere application
- Mechanic in understanding the way work execution can be recorded in the MechanicAnywhere application
- Inspector in understanding the way signoff and work tracking can be managed in the MechanicAnywhere application.

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1 APPLICATION OVERVIEW

MechanicAnywhere is an application which has been developed for the mechanic to perform tasks on the go. The mechanic can identify tasks, record discrepancies, perform several actions on tasks and discrepancies, raise material requests and record component replacements. Subsequently, the mechanics can sign off and close the tasks and discrepancies.

2 DEVICE REQUIREMENTS

The **MechanicAnywhere** application requires the following recommended requirements for optimal user experience:

- ▶ iPad Air / iPad Mini 2 or later with Apple A7 or later chipset.
- ▶ iOS 9 or later.
- ▶ Constant network connectivity via Wi-Fi or 3G/4G
- ▶ 100 MB or more free space.

 *Note: Your carrier might charge you extra for data roaming, if 4G mobile data is used. When available, always prefer Wi-Fi connectivity over Mobile Data.*

3 SECURITY

Access to individual UIs

Control access to individual UIs by providing role rights mapping in the Admin page.

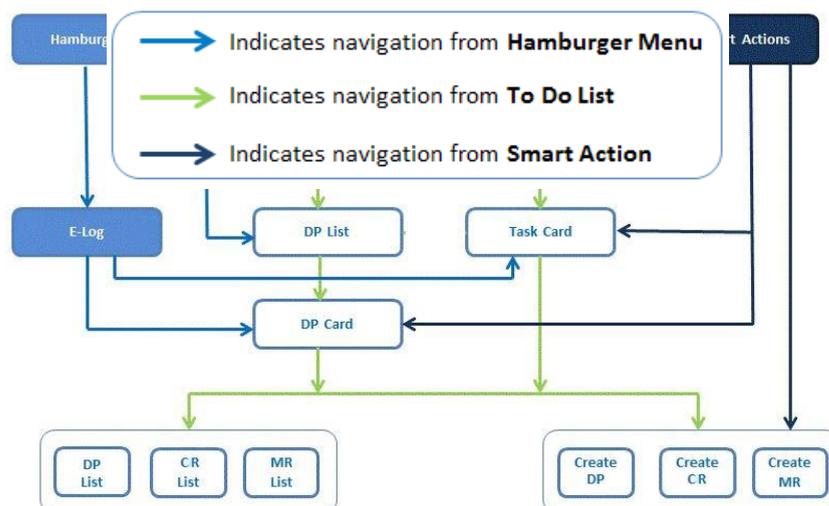
- ▶ Deployment Process
- ▶ Implementation Process
- ▶ Map Enterprise Roles

Control access to perform an action by providing role rights mapping in the Admin page at:

- ▶ Deployment Process
- ▶ Implementation Process
- ▶ Maintain Task Privileges

 *Note: Contact your IT team to get the activity mapped for a particular role.*

4 NAVIGATION



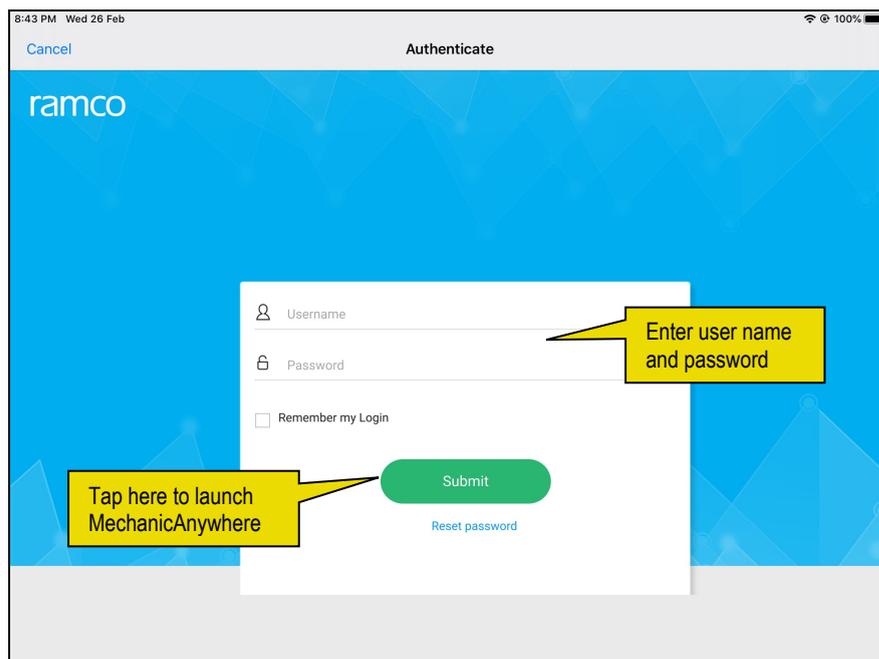
5 TROUBLE SHOOTING

| Symptoms | Troubleshoot |
|----------------------------|--|
| App is not installing | <ol style="list-style-type: none">1. Check the internet connectivity.2. Check if there is at least 100MB of free space.3. Check if you iOS version is the latest.4. Check all the pages for the app icon. |
| App is not opening | <ol style="list-style-type: none">1. Check the internet connectivity.2. Trust the developer 'Ramco Systems' in Settings à General à Profile.3. Reinstall the app. |
| Cannot Login | <ol style="list-style-type: none">1. Check the internet connectivity.2. Check correct configuration in the settings under MechanicAnywhere.3. Check the validity of the username and password entered.4. Close the app and try again. |
| App is frozen | <ol style="list-style-type: none">1. Check the internet connectivity.2. Close the app and try again.3. Restart the iPad and try again. |
| Server not available error | <ol style="list-style-type: none">1. Check the internet connectivity.2. Contact your system administrator. |

6 FEATURES

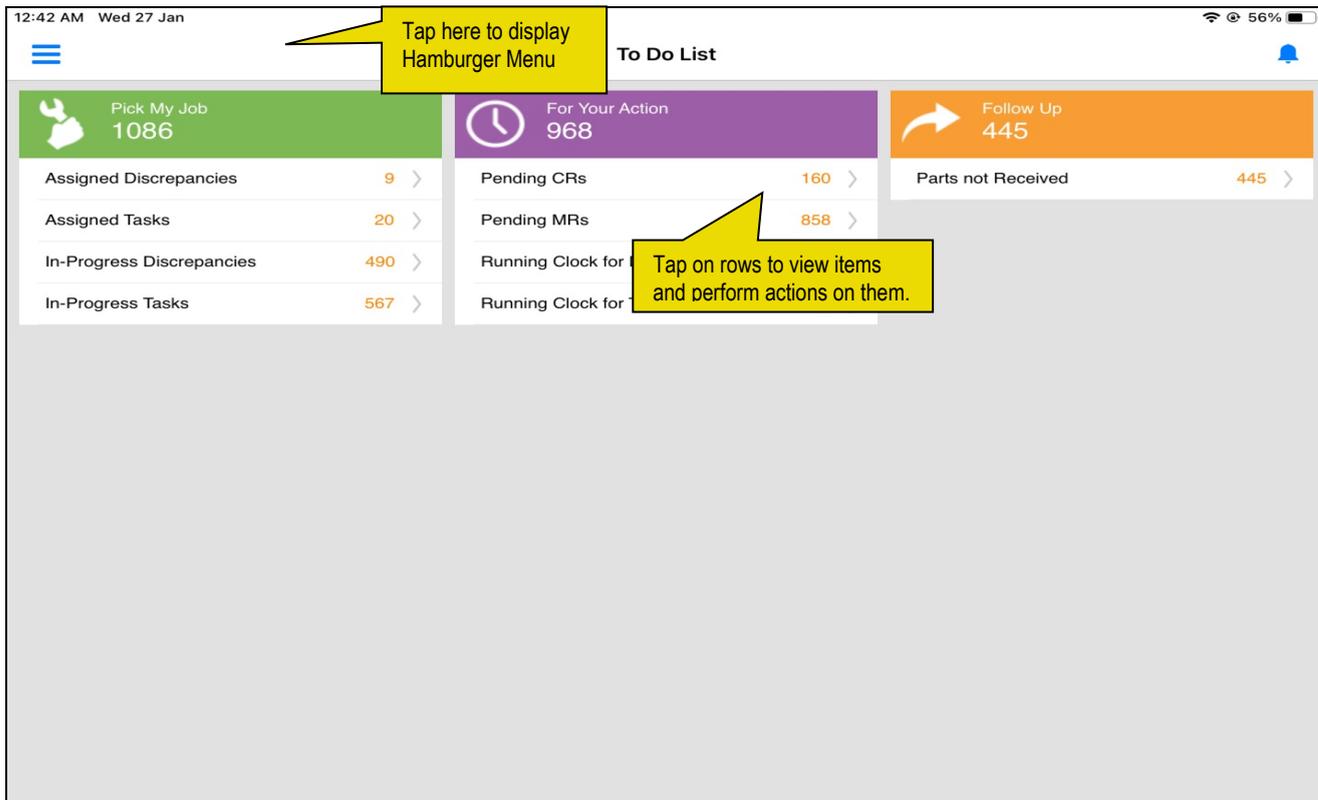
6.1 LOGIN

1. Click the **MechanicAnywhere** icon to launch the Authenticate page to log into the **MechanicAnywhere** mobile app.



You must provide **Username** and **Password** and then tap the **Submit** button to start working in **MechanicAnywhere**.

6.2 TO DO LIST



This screen is a summary page where you can view tasks assigned along with the pending/ current/ follow up items.

Pick My Job: Tap to launch the list all the tasks assigned to the user or all the in-progress tasks in that work center

- **Assigned Jobs** – Count of jobs assigned to the login user
- **Current Jobs** – Count of jobs in progress for the given work center

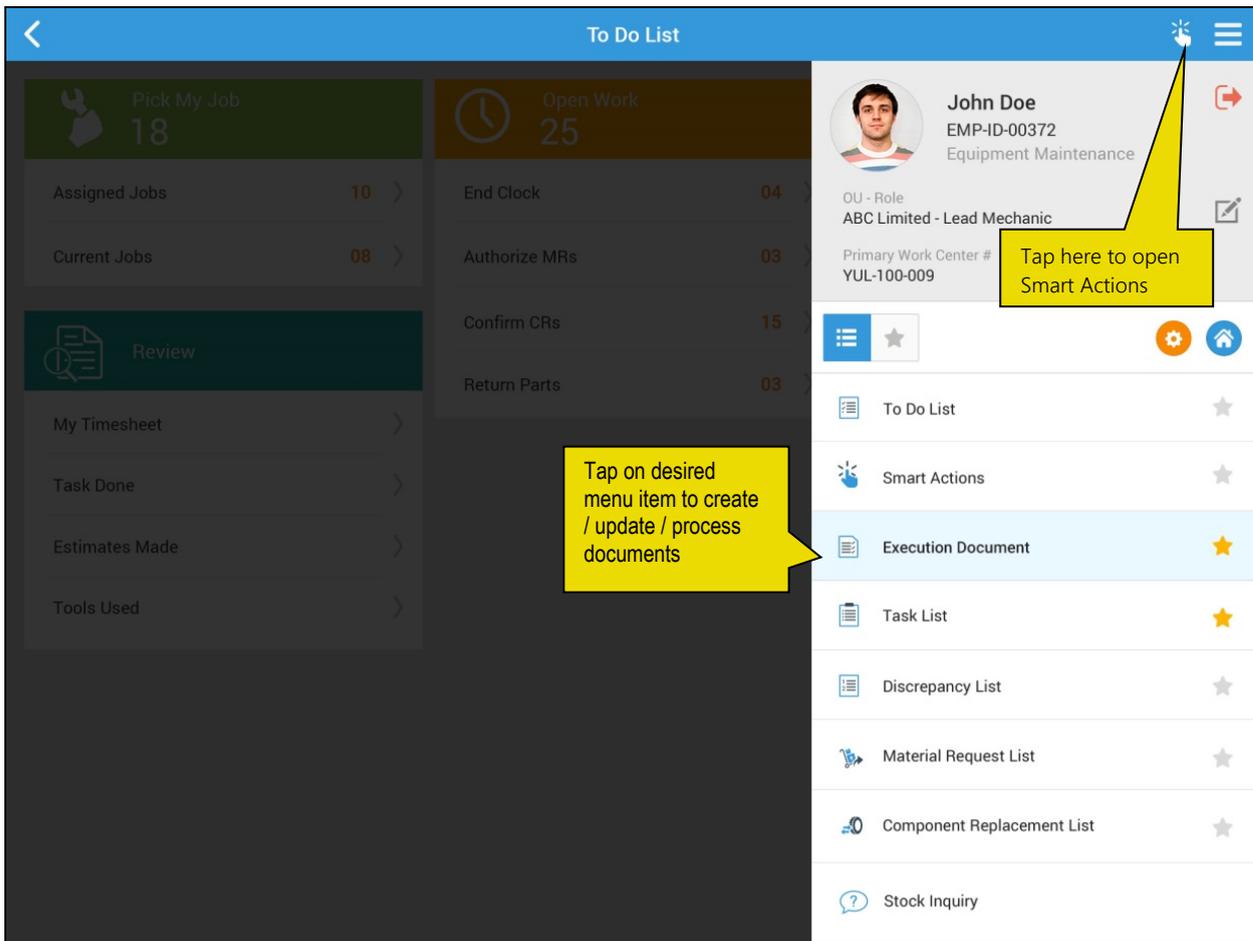
Open Work: Tap here to view the pending MRs and CRs along with a list of running clocks started by the login user

- **Authorize MRs** - Count of pending MRs
- **Confirm CRs** – Count pending CRs for confirmation
- **End clock** – Count of tasks for which clocks are running

Follow Up: Tap here to view the list actions pending from the login user

- **Parts not Returned** – Count of parts not yet returned to the warehouse associated with the work center

6.3 TO DO LIST – HAMBURGER MENU

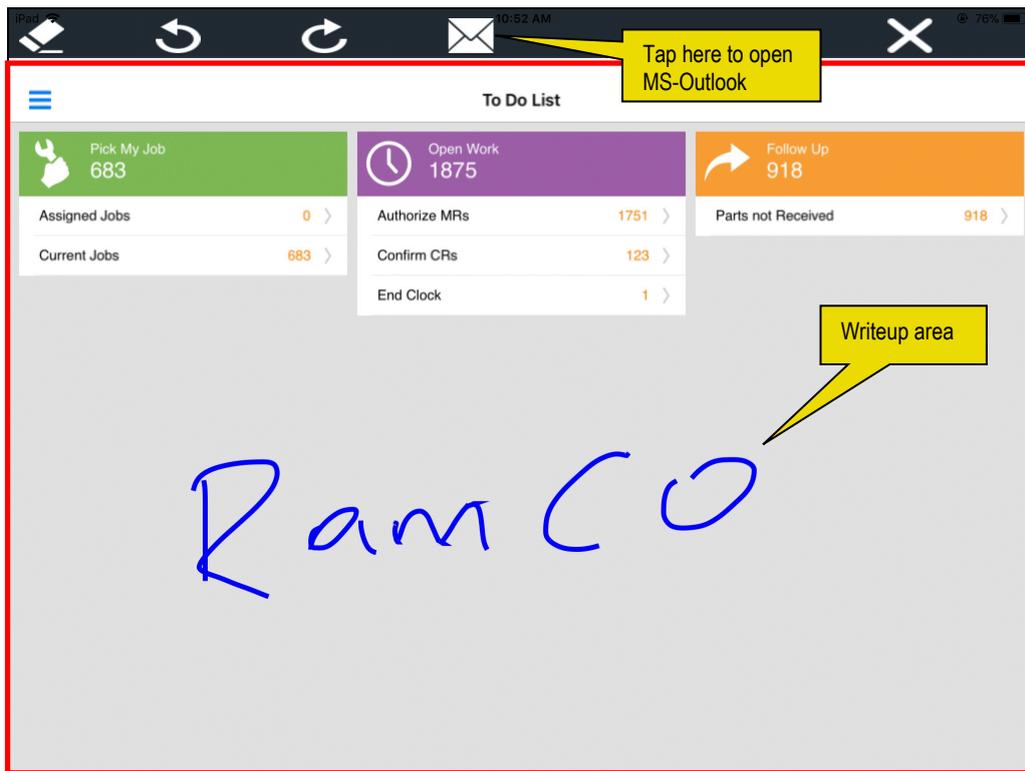


The **Hamburger** menu in the **To Do List** screen displays the assignments (Assign / Review Employee Work, Calendar, Execution Document, Task, Discrepancy, Component Replacement, Material Request, Record Time Sheet,) to be processed by the login user.

Tap the  icon to open the **Writeup** screen

Tap the  icon to view the work centers for which the login user has access privileges. However, the users must also be mapped to the work centers they wish to work with in the MechanicAnywhere application in addition to being granted access in the desktop application. The users can retrieve / process tasks/packages/component replacements/material requests associated with the work centers for which they have access to and have also been mapped to as the login user.

6.4 TO DO LIST - WRITEUP & MAIL



Write with your fingers on this screen.

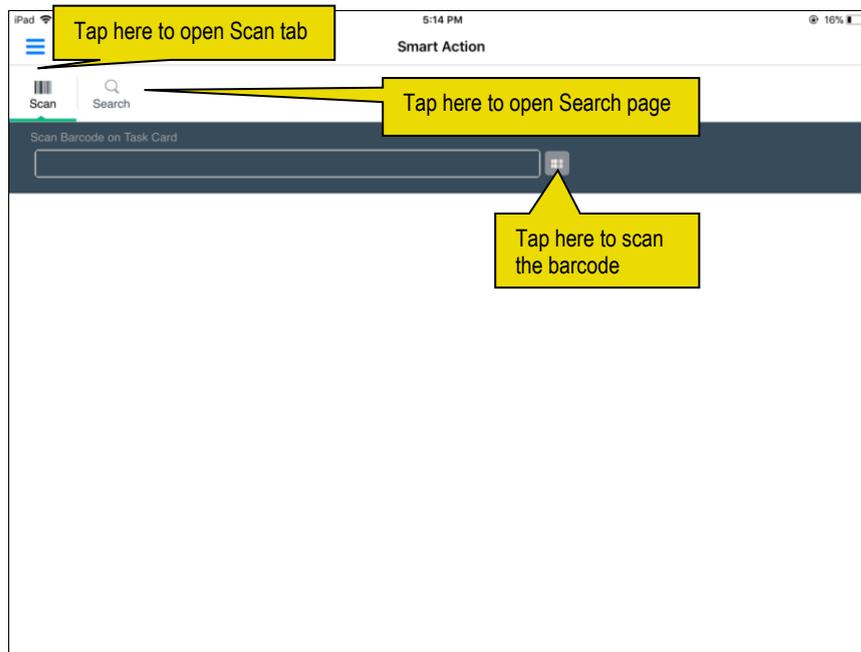
You can write the required text and then tap on top of the screen to open **Microsoft Outlook**.

The written text becomes part of new message.

You can further add to the text or attach files to the message.

6.5 SMART ACTION – SCAN

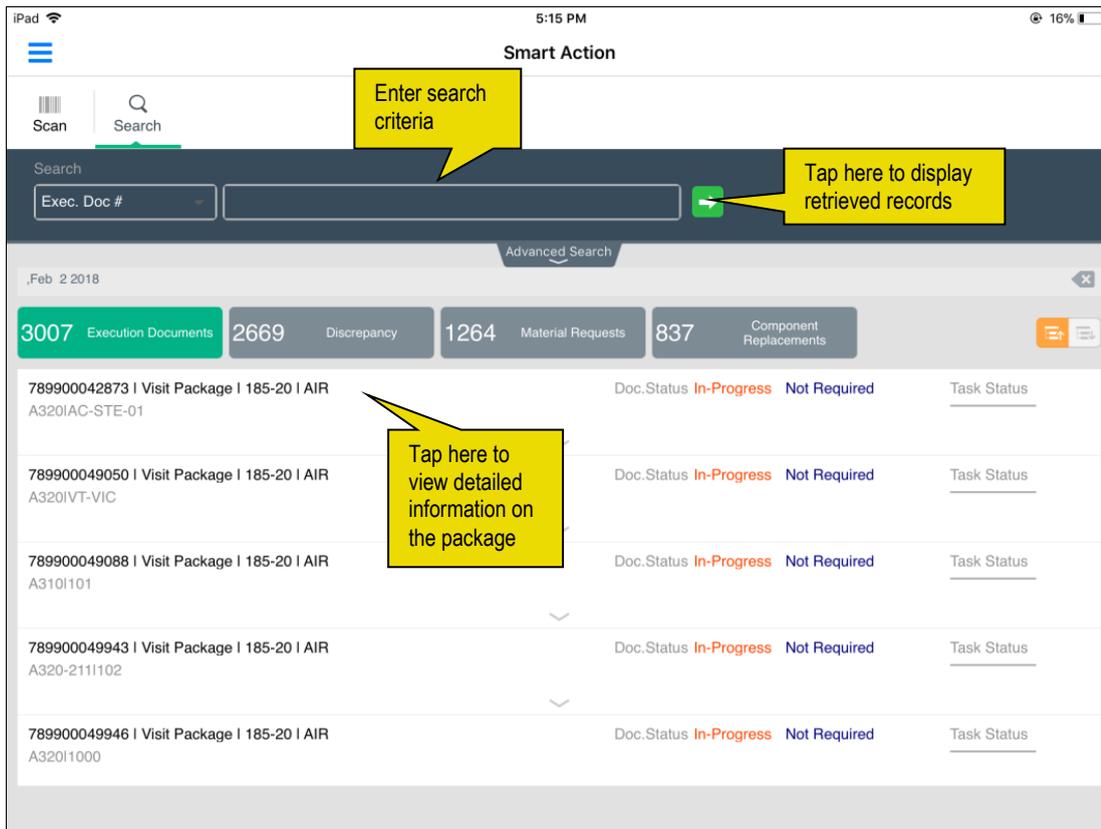
1. Tap **Smart Action** in the **Hamburger** menu to open the **Smart Action** screen



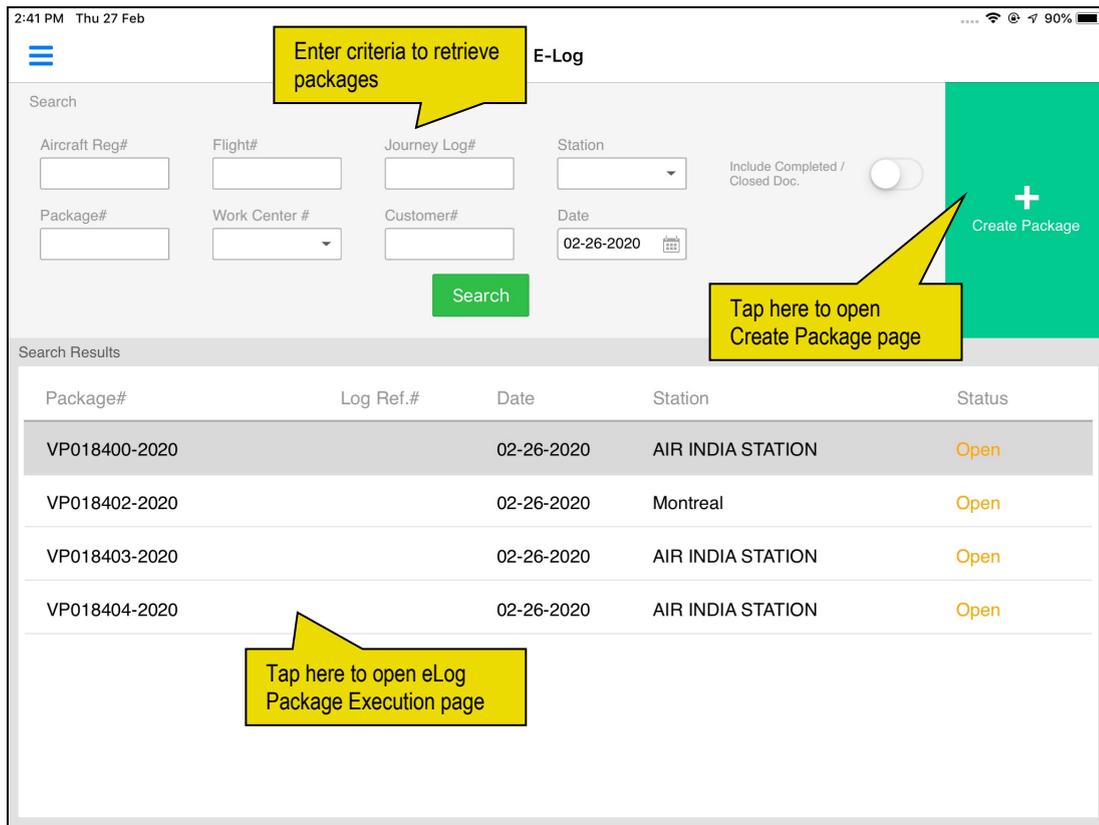
In this screen you can perform a global search to retrieve packages.

- ✍ *Note that the search is applicable only for the selected Work Centers from Hamburger menu for which the user has access. You can scan a barcode using the inbuilt iPad camera to perform an action. Further, you can also use any third party scanning solution*

6.6 SMART ACTION – SEARCH



6.7 E-LOG – THE INITIAL E-LOG SCREEN



Note: The Search filter Flight # will be available based on the value of the process parameter "Display option for aircraft details?" defined under the entity type Shop Work Order Type and the entity All user defined work order types in the Define Process Entities activities of Common Master. The table below illustrates the availability of the search filter.

| Process Parameter: Display option for aircraft details? | |
|---|---|
| Process Parameter Value | Filter available under Search on launch of the page |
| 0 | Flight # |
| 1 | Nose # |
| 2 | MSN # |

6.8 E-LOG – CREATE PACKAGE

2:44 PM Thu 27 Feb

< E-Log

E-Log

Create Package

Enter details of new package here

Aircraft Reg # Date & Time Log Ref.# Work Center # Station

 02-27-2020 12:14 YYZ-165-00 bangalore airport

Package Type Ownership Journey Log # Flight Code Leg #

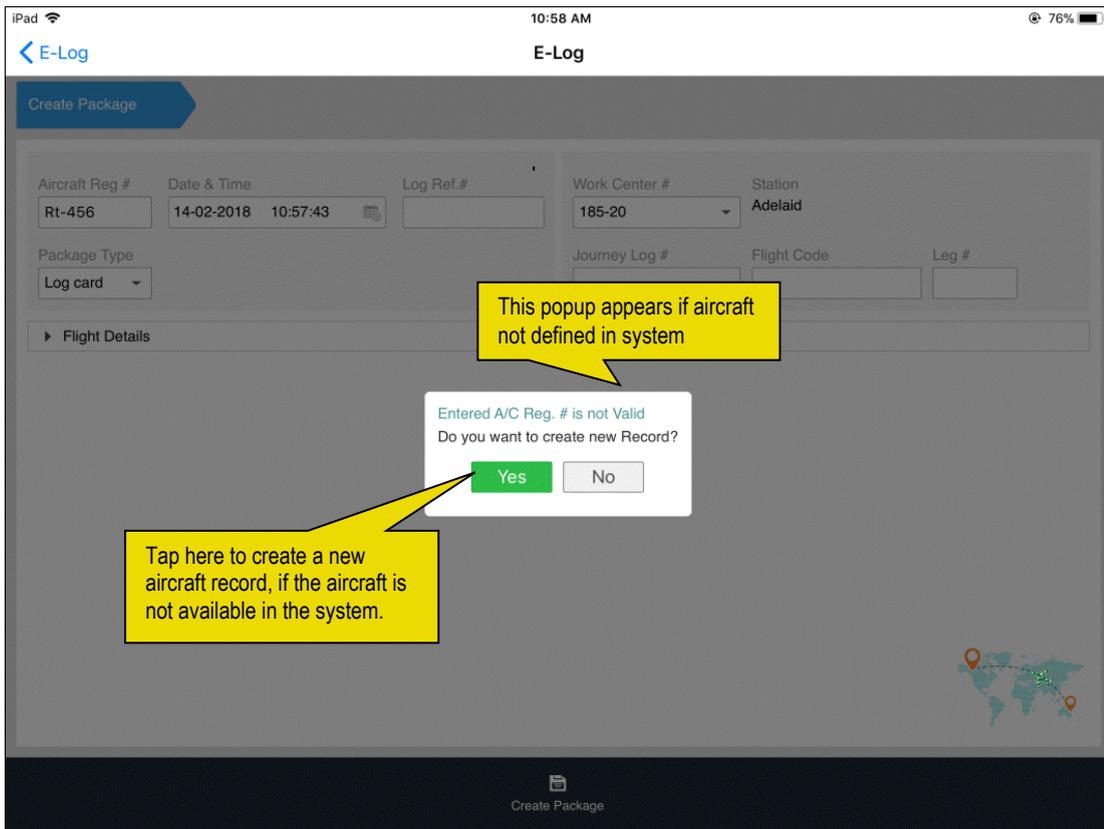
Log card

▶ Flight Details

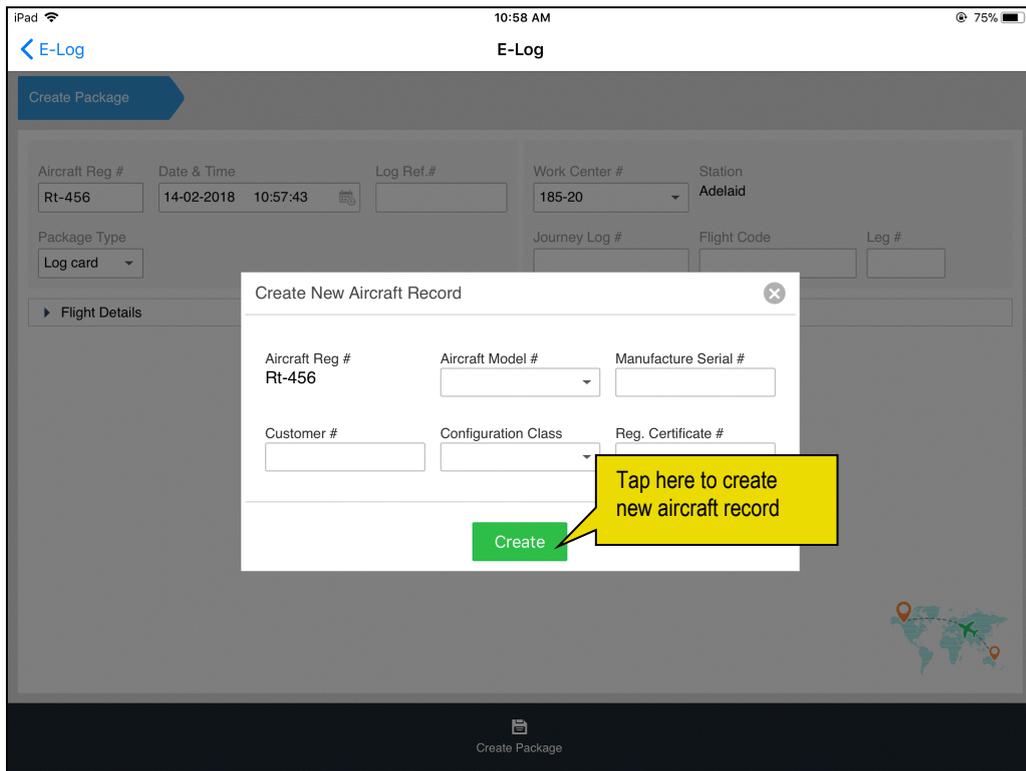
Tap here to create new package and then open eLog Package Execution page

Create Package

6.9 E-LOG - NEW PACKAGE – CREATE AIRCRAFT RECORD

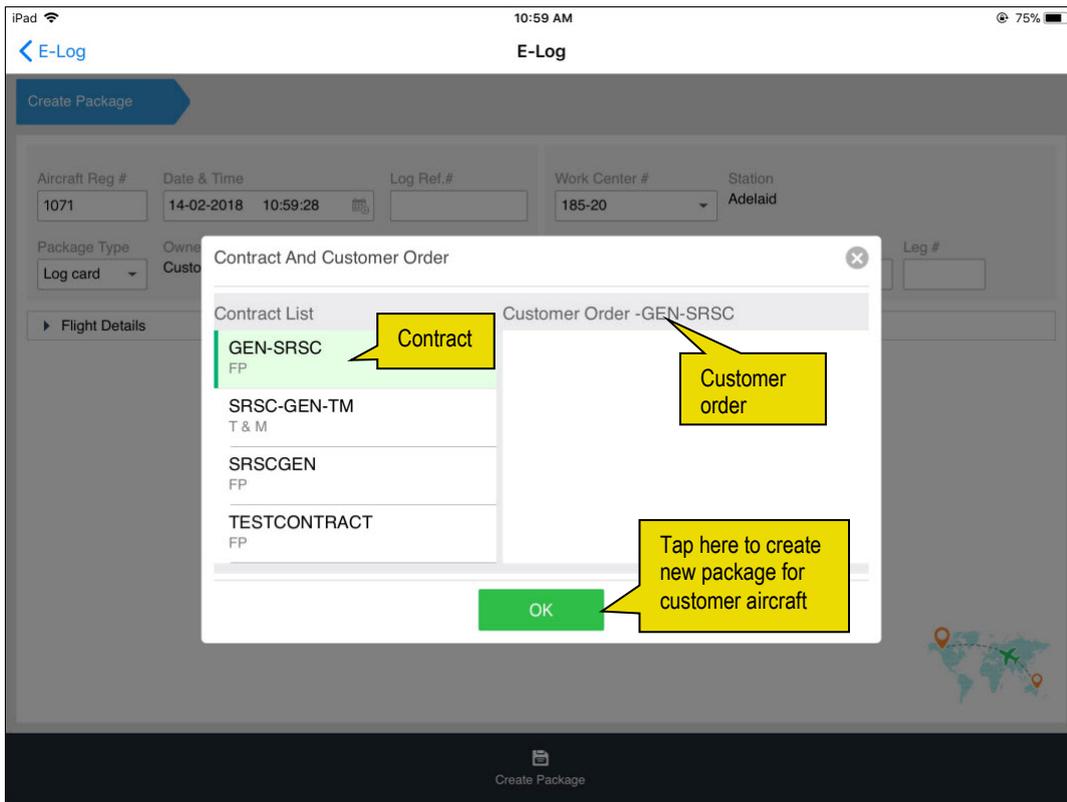


6.9.1 CREATE NEW AIRCRAFT RECORD POPUP



This screen intimates you to create a new aircraft record in case you have entered an invalid Aircraft Reg. #, like for example a number which is not available in the system

6.9.2 E-LOG – CONTRACT – CUSTOMER ORDER



Note that the system prompts you to enter Contract # only if the aircraft is customer owned.

6.10 E-LOG SCREEN

The screenshot shows the E-Log interface with the following callouts:

- Tap here to open**: Points to the camera icon in the Attachments section.
- Tap here to open**: Points to the gallery icon in the Attachments section.
- Tap here to display Camera and Gallery**: Points to the plus icon in the Attachments section.
- Tap here to display Delete and Close Attachments section icons**: Points to the delete and close icons in the Attachments section.
- Parameter reading of the aircraft**: Points to the FH (594.00) and FC (112.00) fields.
- Indicates package status Tap here to launch the Change Status popup. The popup will launch based on process parameter**: Points to the Status (Planned) field.
- The Log Ref # field will be display-only or editable based on process parameter**: Points to the Log Ref. # field.

Other visible fields include: Aircraft Reg # | Model (Js-101 | A320-211), Log Card # | Ref. # (VP-003476-2019), Station (AIR INDIA STATION), Date (23-04-2019), Status (Planned), Work Center # (YUL-100-00), and Ownership (OWNED).

Note: The availability / display of the Fuel / Oil Uplift and Preview and Acceptance tabs will depend on the process parameter setting in Common Master

6.10.1 CHANGE STATUS POPUP

The Change Status popup contains the following callouts:

- Select status for the package**: Points to the Status dropdown menu (currently set to Closed).
- Tap to set package status and return to main page**: Points to the Done button.

Other fields in the popup include: Act.Start Date and Time, and Act.End Date and Time.

6.11 RECORDING PARAMETERS

To record parameter values and additional information for aircraft / components, you can traverse to the Additional Information section.

The screenshot displays the 'E - Log' interface. At the top, a header bar contains a back arrow, the title 'E - Log', and a menu icon. Below the header, a summary row lists key data: Aircraft Reg # | Model # (115hq | ERJ175), Log Card# | Ref# (LC-109714-2016), Station (CMH-PORT), Date & Time (12/22/2016 10:45:14), F# (26082.59), FC (20339), and Status (Planned). A 'More' dropdown arrow is positioned below this row. A navigation bar features three tabs: 'Manage Package' (active), 'Maint. Events & Task', and 'Maint./Pilot Discrepancy'. The main form area includes several input fields: Aircraft Reg# (N232CE), Date & Time (12/22/2016 10:45:14), Log. Ref#, Work Center (CMH - LINE), Date & Time (CMH PORT COLUMBUS), Package Type (Log Card), Ownership (OWNED), Journey Log#, Flight Code, and Leg#. Below these fields are two expandable sections: 'Flight Details' and 'Additional Information'. A yellow callout box with a pointer to the 'Additional Information' section contains the text: 'Tap here to view the Aircraft & Component sections'. At the bottom center, there is a 'Save' button with a floppy disk icon.

6.11.1 RECORDING PARAMETERS FOR AIRCRAFT AND COMPONENT

<
E - Log
🔍 ☰

Aircraft Reg # | Model #
115hq | ERJ175

Log Card# | Ref#
LC-109714-2016

Station
CMH-PORT

Date & Time
12/22/2016 10:45:14

FH
26082.59

FC
20339

Status
Planned

More ▾

Manage Package
Maint. Events & Task
Maint./Pilot Discrepancy

Aircraft Reg#

Date & Time

Log. Ref#

Work Center

Date & Time

Package Type

Ownership

Journey Log#

Flight Code

Leg#

▶ Flight Details

✈️ **Additional Information - Aircraft**

| # | Parameter | Value |
|---|------------|---------|
| 1 | FH | 7799.9 |
| 2 | FC | 5564 |
| 3 | Hobbs Time | 10667.9 |
| 4 | Tech Time | 3977.9 |

Remarks
1994 CESSNA 172

🔧 **Additional Information - Component**

| # | Part# | Serial# | Position Type | Parameter Details |
|---|--------------|---------|---------------|-------------------|
| 1 | TFE3171-3C-1 | 87243 | Engine | EH-9909, EC-6676 |
| 2 | TFE3171-3C-2 | 87244 | Engine | EH-8897, EC-5568 |
| 3 | TFE3171-3C-2 | 87244 | Engine | EH-8898, EC-5569 |
| 4 | CFM56-5B | 87644 | Engine | EH-8798, EC-6669 |

Remarks
1994 CESSNA 172

📄 Save

Tap here to open the Additional Information - Aircraft popup

Tap here to open the Additional Information - Component

6.11.2 RECORDING ADDITIONAL INFORMATION FOR AIRCRAFT

The screenshot displays the 'Additional Information - Aircraft' dialog box within the MechanicAnywhere application. The dialog box is overlaid on a background showing aircraft details for N232CE. The dialog box contains the following elements:

- Header:** 'Additional Information - Aircraft' with a close button (X).
- Fields:** 'Aircraft Reg #' (N232CE) and 'Manufacturer #' (650-0067).
- Parameter Selection:** A dropdown menu for 'Parameter' with a green '+' icon next to it. A callout points to this icon: 'Tap here to add a parameter to aircraft'.
- Table:** A table with columns: '#', 'Parameter', 'Current Value', and 'Enter Value'.

| # | Parameter | Current Value | Enter Value |
|---|-------------|---------------|----------------------|
| 1 | Hobbs Time | 10667.9 | <input type="text"/> |
| 2 | Tech Time | 3977.9 | <input type="text"/> |
| 3 | LG Cycles | 5837.6 | <input type="text"/> |
| 4 | Block Hours | 777.9 | <input type="text"/> |

A red box highlights the 'Enter Value' column. A callout points to the first row: 'Indicates the parameter has been added manually'. A callout points to the 'Enter Value' input field for 'Hobbs Time': 'Enter current parameter'.
- Remarks:** A text input field for 'Remarks'.
- Buttons:** A green 'Submit' button. A callout points to it: 'Tap here to save values'.

6.11.3 RECORDING ADDITIONAL INFORMATION FOR COMPONENT

Additional Information - Component

Filter By
Position Type: →

Part# Serial# Position Type Parameters +

| # | Part# | Serial# | Position Type | Parameter | Current Value | Enter Value |
|---|--------------|---------|---------------|-----------|---------------|----------------------|
| 1 | TFE3171-3C-1 | 87243 | Engine | EH | 9909 → | <input type="text"/> |
| 2 | TFE3171-3C-2 | 87244 | Engine | EC | 8897 → | <input type="text"/> |
| 3 | TFE3171-3C-2 | 87244 | Engine | EC | 5568 → | <input type="text"/> |
| 4 | CFM56-5B | 87644 | Engine | EH | 8798 → | <input type="text"/> |

Remarks

Submit

Tap here to save values

Select parameter to add to the part -

Tap here to add a parameter to aircraft

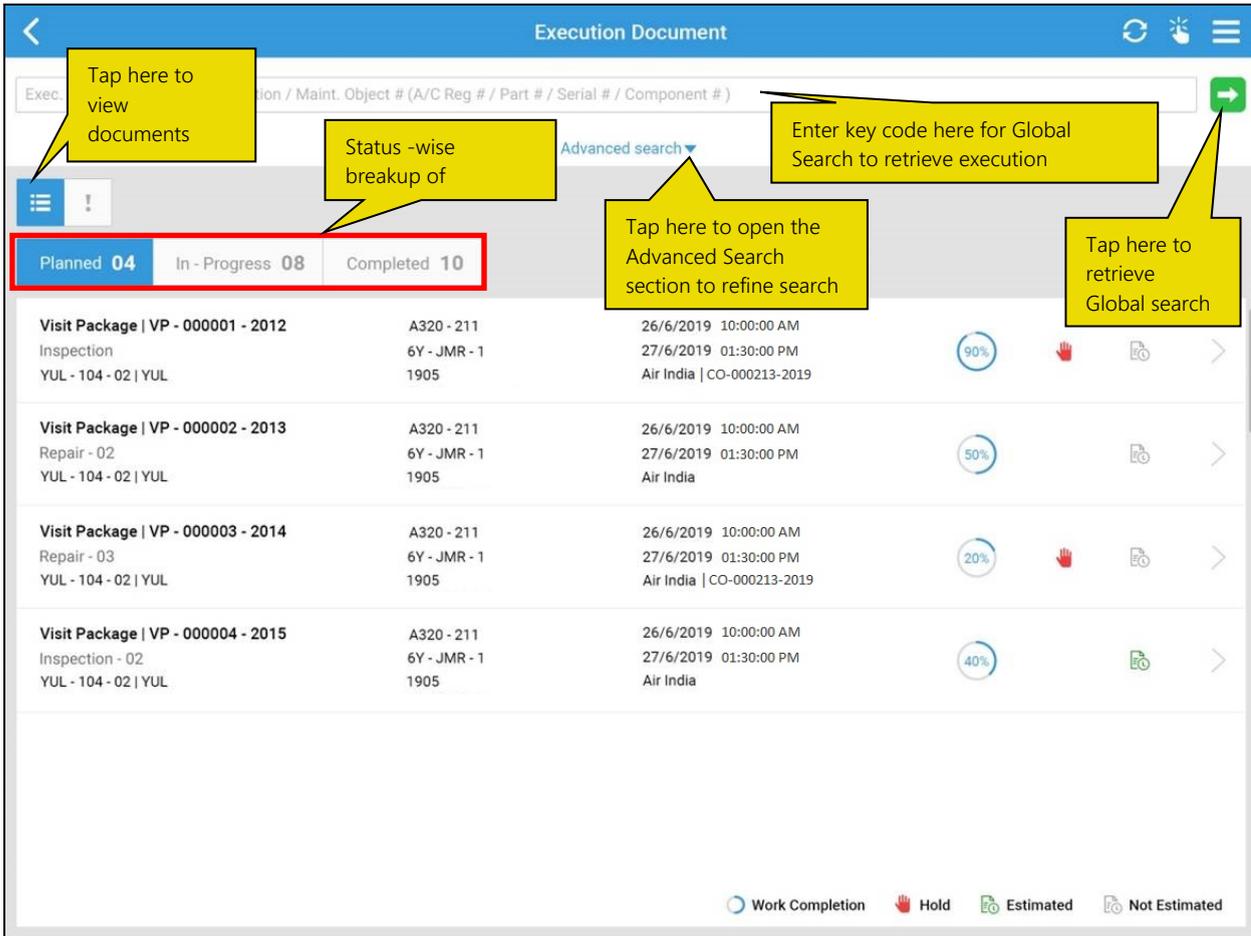
Enter current parameter

Remarks: 1994 CESSNA 172

6.12 WORKING WITH EXECUTION DOCUMENT

The page enables you to search and retrieve the execution documents you want to work with or process. You can search for both AME packages and shop work orders in this page. After retrieving documents in this page, you can select specific document and view the entire details in the Execution Document Card page.

1. Tap **Execution Document** in the Hamburger menu. The Execution Document page appears as represented in the below image.



6.12.1 THE EXECUTION DOCUMENT PAGE

The **Execution Document** page retrieves execution documents (both AAME packages and shop work orders) based on the filters that you have specified in the global and / or addition search as shown in the image below.

Execution Document

Exec. Doc # / Exec. Doc. Description / Maint. Object # (A/C Reg # / Part # / Serial # / Component #)

Advanced search

Tap here to view documents based on exception

Exception-wise breakup of packages

List section displays Search results - Execution documents retrieved by Global /

My Clock Running **04** All Clock Runing **08** Work On Hold **06** Estimation Required **10**

| | | | | | | |
|--|------------------------------------|--|-----|------|-----------|---|
| Visit Package VP - 000001 - 2012 Inspection YUL - 104 - 02 YUL | A320 - 211 6Y - JMR - 1 1905 | 26/6/2019 10:00:00 AM 27/6/2019 01:30:00 PM Air India CO-000213-2019 | 90% | Hold | Estimated | > |
| Visit Package VP - 000002 - 2013 Repair - 02 YUL - 104 - 02 YUL | A320 - 211 6Y - JMR - 1 1905 | 26/6/2019 10:00:00 AM 27/6/2019 01:30:00 PM Air India | 50% | | Estimated | > |
| Visit Package VP - 000003 - 2014 Repair - 03 YUL - 104 - 02 YUL | A320 - 211 6Y - JMR - 1 1905 | 26/6/2019 10:00:00 AM 27/6/2019 01:30:00 PM Air India CO-000213-2019 | 20% | Hold | Estimated | > |
| Visit Package VP - 000004 - 2015 Inspection - 02 YUL - 104 - 02 YUL | A320 - 211 6Y - JMR - 1 1905 | 26/6/2019 10:00:00 AM 27/6/2019 01:30:00 PM Air India | 40% | | Estimated | > |

Tap on record to launch the Execution Document Card

Legends

- Work Completion
- Hold
- Estimated
- Not Estimated

6.12.2 ADVANCED SEARCH FOR RETRIEVING EXECUTION DOCUMENTS

You can specify additional filters to enhance your search and retrieve precise execution documents in addition to the simple key code search.

1. Tap **Additional Search** in the **Execution Document** page. The **Additional Search** section appears as represented in the next image.

The screenshot displays the 'Execution Document' page with the 'Advanced Search' section expanded. The page title is 'Execution Document'. At the top, there is a search bar with a placeholder text: 'Exec. Doc # / Exec. Doc. Description / Maint. Obj... / C Reg # / Part # / Serial # / Component #'. A callout points to this bar: 'The Advanced Search'. To the right of the search bar, there are icons for refresh, search, and menu, with a callout: 'Tap here to retrieve results for Global'. Below the search bar, the 'Advanced Search' section is divided into several categories:

- Location Details:** Work Center #, Station.
- Reference:** Part #, Serial #, Component #, Facility Object #, A/C Model #, A/C Reg#, Flight #, Nose #.
- Dates:** Planned Start Date, Planned End Date.
- Status:** Hold Status, Estimation Status.
- Commercials:** Customer Order #, Customer Name.
- Document:** Exec. Type, Ref. Doc. Type, Exec. Doc. #, Job Type.

Below these categories is an 'Additional Search' section with a dropdown menu set to 'Exchange Order #' and an input field. A callout points to the input field: 'Enter search criteria in addition to Global search for speedy / precise retrieval of'. At the bottom of this section are 'Search' and 'Clear' buttons. A callout points to the 'Clear' button: 'Tap here to clear the specified search values'. A callout points to the 'Search' button: 'Tap here to retrieve search'. Below the 'Search' and 'Clear' buttons is a link labeled 'Advanced Search' with an upward arrow. A callout points to this link: 'Tap here to minimize the Advanced Search section'. At the bottom of the page, there is a summary bar showing 'Planned 04', 'In - Progress 08', and 'Completed 10'. Below this bar, there is a footer with the text: 'Visit Package | VP - 000001 - 2012', 'A320 - 211', and '26/6/2019 - 27/6/2019'.

6.13 THE EXECUTION DOCUMENT CARD PAGE

1. Tap the required AME package/ shop work order from the search results list in the **Execution Document** screen. The **Execution Document Card** screen appears as represented in the next image.

The header will display execution document details specific to work packages or shop work orders as illustrated in the table below:

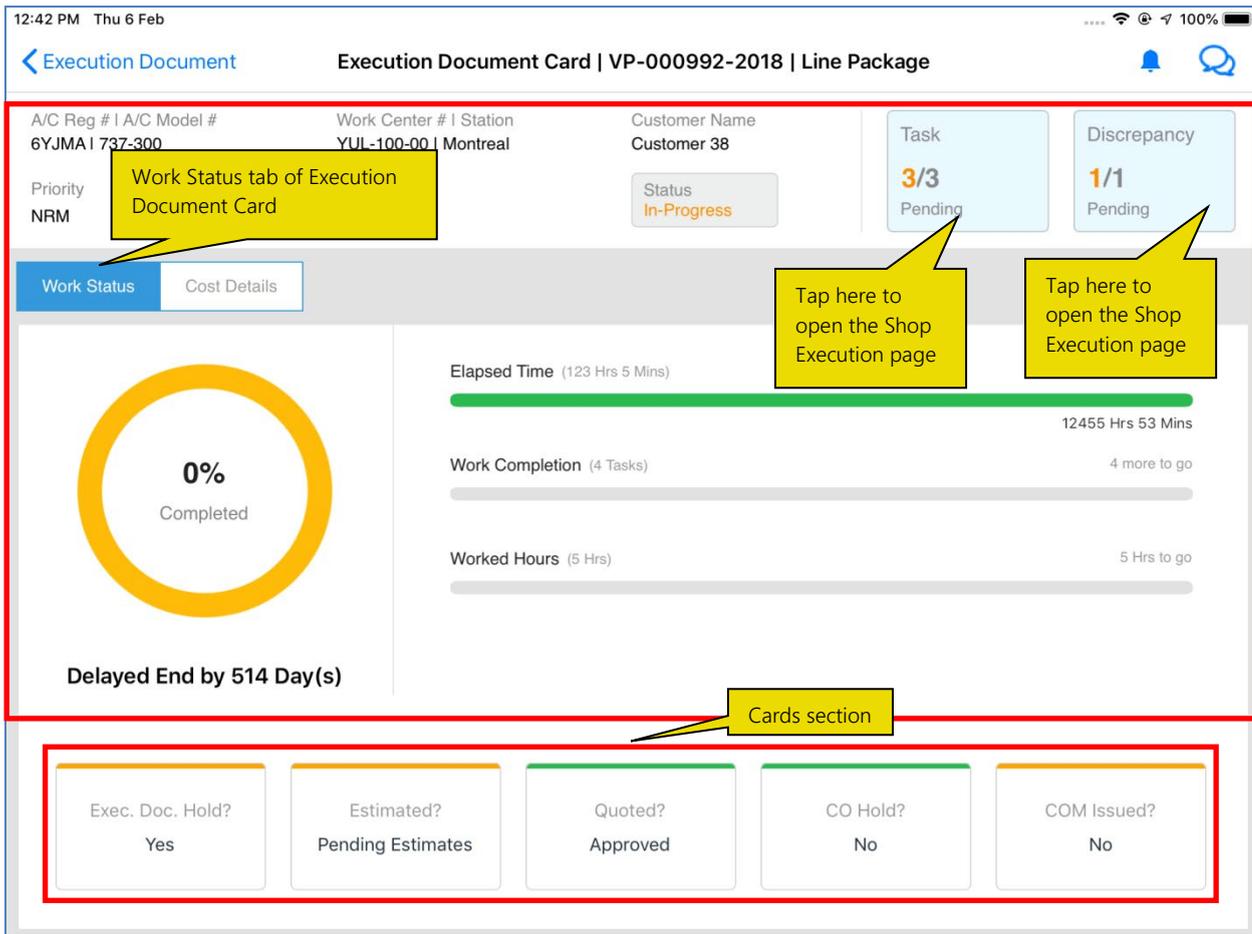
| Execution Document = Aircraft Package | Execution Document = Shop Work Order | | |
|--|---|--|---|
| Job Type = NA | Job Type = Other than Make or Facility | Job Type = Make | Job Type = Facility |
| <ul style="list-style-type: none"> • A/C Reg # • A/C Model # • Work Center # • Station • Customer Name • Package Priority • FH of aircraft • FC of • Status • Count of pending tasks upon total count of tasks in the package • Count of pending discrepancies upon total count of discrepancies in the package | <ul style="list-style-type: none"> • Part # • Serial # / Lot # • Component # • Qty. • Work Center # • Work Station • Customer Name • Event # • Priority • Main Core Status • Work Order Status • Count of pending tasks upon total count of tasks in the work order • Count of pending discrepancies upon total count of discrepancies in the work order | <ul style="list-style-type: none"> • Part # • Mfr. Serial # / Mfr. Lot # • Component # • Qty. • Work Center # • Station • Customer Name • Event # • Priority • Main Core Status • Status button • Count of pending tasks upon total count of tasks in the work order • Count of pending discrepancies upon total count of discrepancies in the work order | <ul style="list-style-type: none"> • Facility Object # • Facility # • Facility Type • Work Center # • Work Station • Customer Name • Event # • Priority • Main Core Status • Count of pending tasks upon total count of tasks in the work order • Count of pending discrepancies upon total count of discrepancies in the work order |

- ▶ On tap of the **Task** button in the header of the **Execution Document Card** page for AME Packages, the **E-Log** page screen appears with the **Maint. Events & Task** tab defaulted with all the tasks from the package details.
- ▶ On tap of the **Discrepancy** button in the header of the **Execution Document Card** page for AME Packages, the **E-Log** page screen appears with the **Maint./Pilot Discrepancy** tab defaulted with all the discrepancies from the package details.

- ▶ On tap of the icon in the **Status** button to open the **Status Change** popup and update the status of the package / work order. However, the Status button will be available only for packages in the 'Completed' status.
- ▶ The **Execution Document Card** page will comprise of two tabs: Work Status, Important Dates and Cost Details.

6.13.1 WORK STATUS TAB

The **Work Status** tab will display the following details represented by graphs. The **Work Status** tab being the default tab will display the following details on launch of the **Execution Document Card** page.



- ▶ Displays **Overall Work Completion %** of the AME Package / Shop Work Order in a Donut representation. The work completed '%' displayed in the **Work Completion** list bar will be based on the process parameter **Basis of Work Completion** icon depiction for Exec. Doc. List? defined under the entity type Mobility and entity MechanicAnywhere in the Define Process Entities activity of Common Master as illustrated below.

| Process Parameter Value | Work Completion % displayed in list bar |
|----------------------------|--|
| 0 / Status Only | $\left[1 - \frac{\text{Number of tasks/discrepancies in Planned/In-Progress status in a package}}{\text{Total number of all tasks/discrepancies in that package in all status}} \right] \times 100$ |
| 1 / Status & Est. Man Hrs. | $\left[1 - \frac{\text{Sum of Est. Man Hrs. of all tasks/discrepancies in Planned/In-Progress status in a package}}{\text{Sum of Est. Man Hrs. of all tasks/discrepancies in that package in all status}} \right] \times 100$ |

- ▶ Work Completion depiction using color

| | |
|----------------|--------------|
| Green | Orange |
| Work Completed | Pending Work |

- ▶ **On Time / Delayed** representation of the AME Package / Shop Work Order that shows if the execution of the package or work order is as per schedule towards completion and if there's a delay in start or end based on pre-defined calculations.
- ▶ **Day(s) to Complete** based on the Planned End Date and Current date.
- ▶ Progress Bars representing **Elapsed Time, Work Completion** and **Worked Hours**. These bars also display the remaining hours / tasks to be completed at the end.
- ▶ **Elapsed Time** : This progress bar shows the total time available for the respective package/ work order for completing the work based on Planned dates. The bar is incremented gradually to show the completed time and how much is remaining for work completion. This bar is represented in hours.
- ▶ **Work Completion** : This progress bar shows the total task/discrepancy available in the respective package/ work order. The bar is incremented as and when tasks/discrepancies are completed and the remaining bar shows the task/discrepancy pending for completion. This bar is represented in counts.
- ▶ **Worked Hours** : This progress bar shows the total estimated hours for all the tasks/discrepancies in the package/work order. The bar is incremented as when time is booked or actual man hours is recorded and the remaining bar shows the hours pending for time booking. This bar is represented in hours.
- ▶ **Card** section: This section consists of color-coded cards showing specific information/warning for the package / work order as illustrated in the table below. The Green colour shows that the package/ work order is good for closure and orange colour indicates a warning for which appropriate action has to be taken before closure. The different cards available are : **Exec. Doc Hold?, Estimated?, Quoted?, CO Hold?** and **COM Issued?**. The card will also show the comprehensive status of the package / work order.

6.13.2 IMPORTANT DATES TAB

This tab show milestone dates in a timeline format for AME Package # / Shop Work Order # / Child Work Order # / Child Repair Order # in the chronological order.

<
☰
Execution Document Card | VP-000123-219 | Line Package

Aircraft Reg # | AC Model #
AT-ANN | B737-200

Priority
AOG

Work Center # | Station
BOM-XK | Mumbai-IV

Prom. Del. Date
25th Aug 2019

Customer Name
Air India

Status
In-Progress ✎

Task

06/15

Pending

Discrepancy

06/15

Pending

Work Summary
Important Dates
Cost Details

Include Child Orders View For CWO-029098-2019

| | | | | | |
|--|--|---|---|--|---|
| <p>Hangar In Date</p> <p style="font-weight: bold; color: orange;">03/07/2019 10:00:00</p> | <p>Planned Start Date</p> <p style="font-weight: bold; color: orange;">05/07/2019 10:00:00</p> | <p>Actual Start Date</p> <p style="font-weight: bold; color: orange;">11/07/2019 10:00:00</p> | <p>Project Completion Date</p> <p style="font-weight: bold; color: orange;">19/07/2019 10:00:00</p> | <p>Planned End Date</p> <p style="font-weight: bold; color: orange;">25/07/2019 10:00:00</p> | <p>Promised End Date</p> <p style="font-weight: bold; color: orange;">26/07/2019 10:00:00</p> |
|--|--|---|---|--|---|

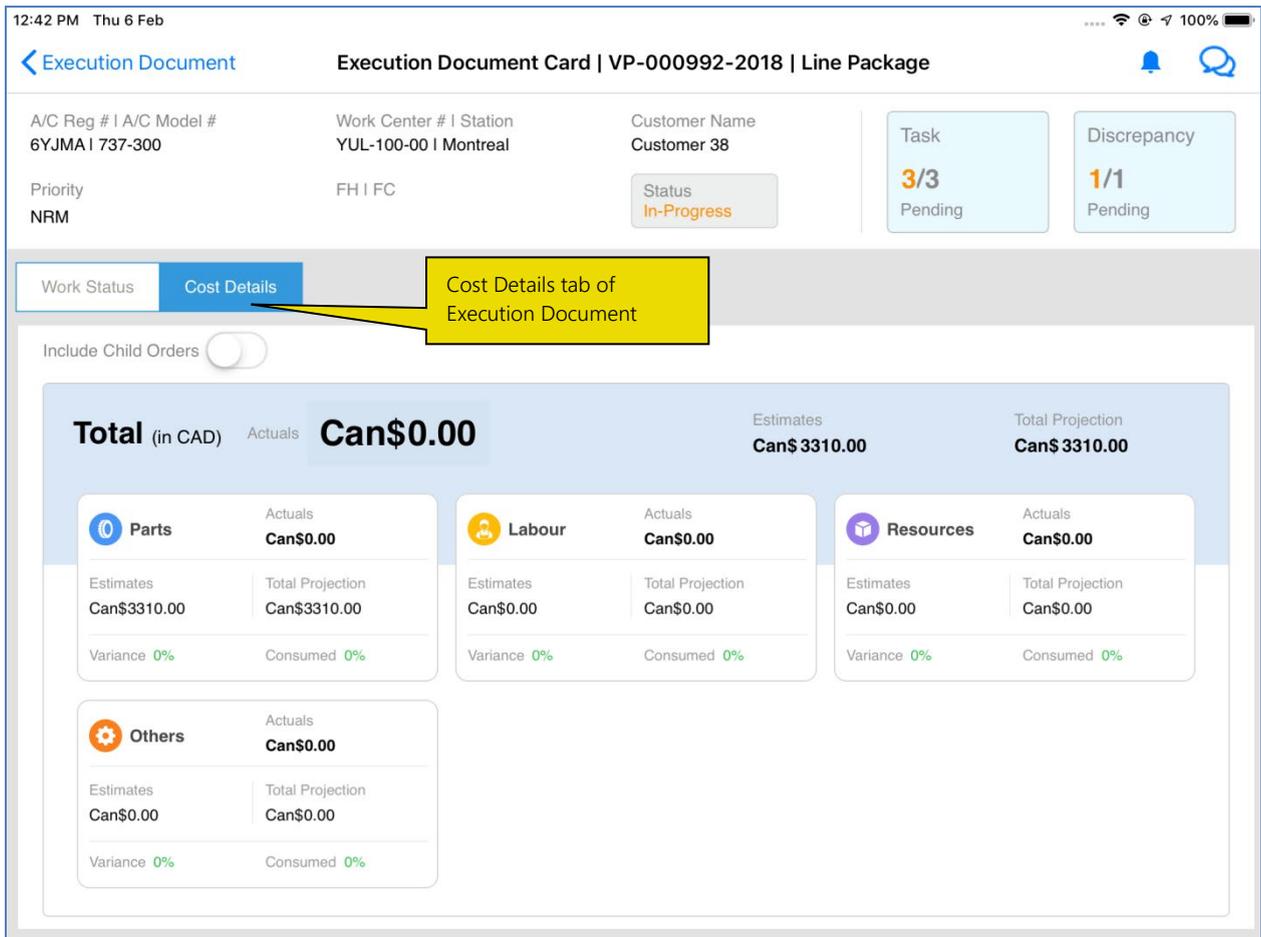
- ▶ The timeline shows applicable dates depending on the execution document in the current context

| AME Package | Shop Work Order | Repair Order |
|---|---|---|
| <ul style="list-style-type: none"> Planned Start Date & Time Planned End Date & Time Actual Start Date & Time Actual End Date & Time Prom. Del. Date Proj. Completion Date Hangar-In Date Hangar-Out Date | <ul style="list-style-type: none"> Planned Start Date & Time Planned End Date & Time Actual Start Date & Time Actual End Date & Time Prom. Del. Date Proj. Completion Date Cust. Requested Date Target Date | <ul style="list-style-type: none"> RO Date Repair Shop Shipping Date Promised Delivery Date Authorized Date |

- ▶ You can use the toggle **Include Child Orders** to include / exclude dates from child work orders in the timelines as well
- ▶ Similarly, you can select the execution document for which you want to view the timeline.

6.13.3 COST DETAILS TAB

This tab reveals comprehensive information on the overall costs incurred on the execution / completion of package/ work order.



In the header, the tab will reveal the sum total of all overhead costs for the package as illustrated below

- ▶ Total Estimates : Total estimated cost of Parts, Labour, Resource and Other Cost.
- ▶ Total Actuals : Total actual cost of all Parts, Labour, Resource and Other Cost.
- ▶ Total Projection : Total projected cost of all Parts, Labour, Resource and Other Cost.

This tab comprises the cost details of the following overheads for the package:

- ▶ Parts
- ▶ Labour
- ▶ Resources
- ▶ Others

Each of the sections will display the following as applicable:

- ▶ Estimates : Total estimated cost of the Part/Labour/Resources/Others
- ▶ Actuals : Total actual cost of the Part/Labour/Resources/Others
- ▶ Projection : Total projected cost shows the total cost at the end of execution of all the jobs in the package based on pre-defined calculations
- ▶ Variance % : Shows the variance based on the estimated cost and total projection for Part/Labour/Resources/Others
- ▶ % Consumed : This shows the % of consumption of Part/Labour/Resources/Others based on actual and estimated cost.

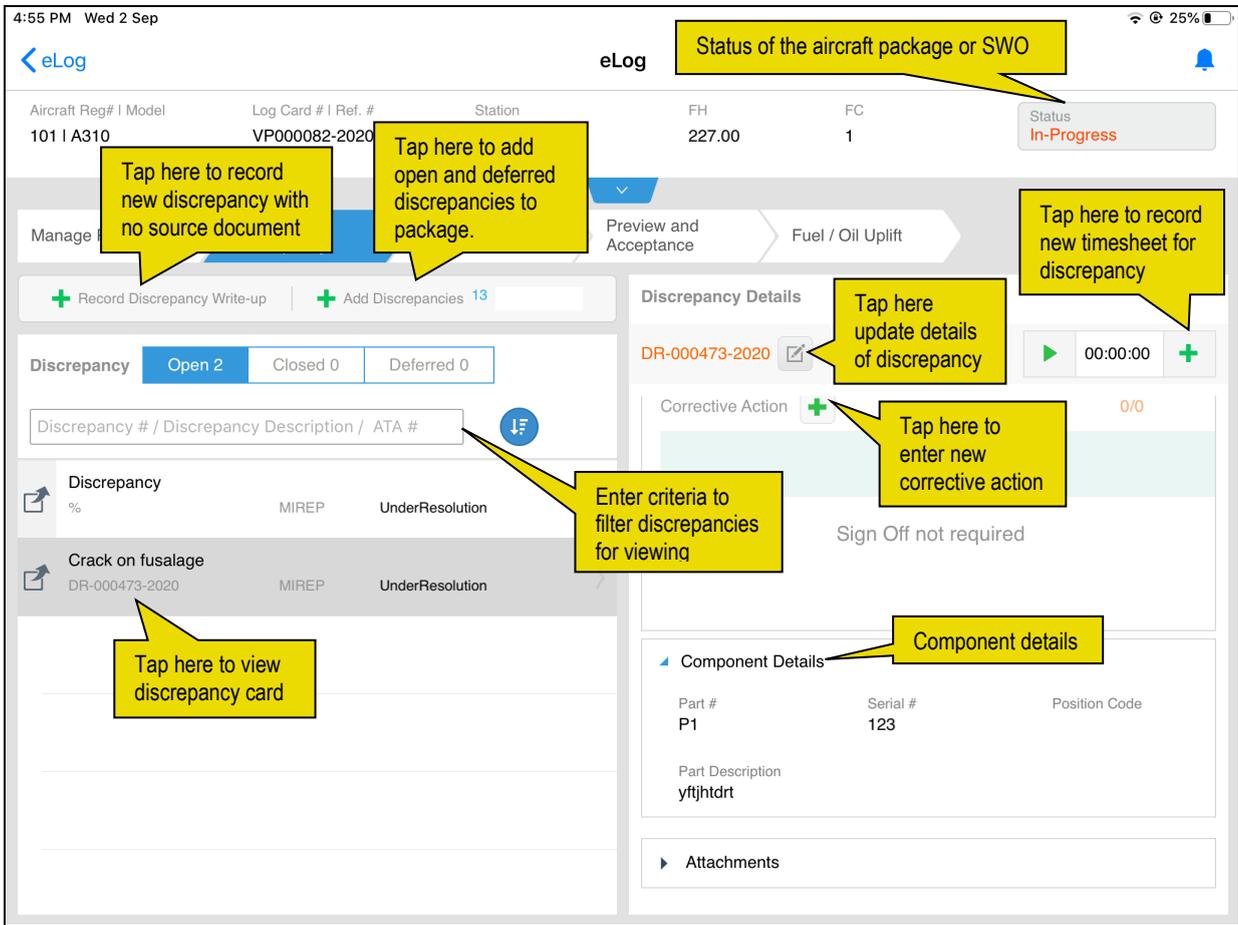
Note: All amounts in the tab are shown in the Base currency of the organization.

► Color-coded depiction for variance and consumption:-

| Depiction | Depiction - Green Color | Depiction – Red Color |
|------------|---|--|
| % Variance | If Variance % is a 'Positive (+)' value or is '0' | If Variance % goes to a 'Negative (-)' value |
| % Consumed | If Consumed % is lesser than 100 % | If Consumed % is greater than 100 % |

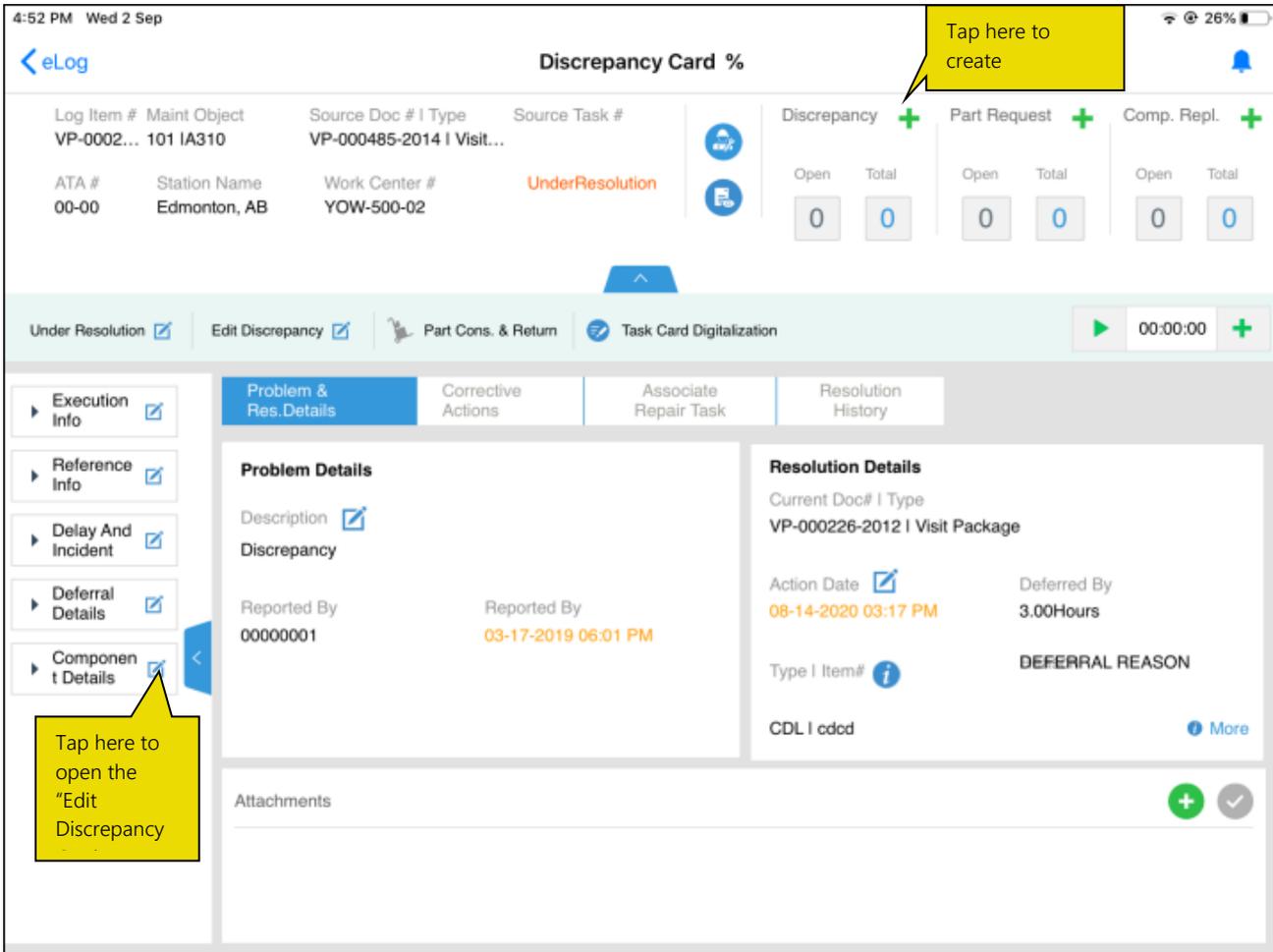
6.14 E-LOG – MAINT./PILOT DISCREPANCY

1. Tap on Maint./Pilot Discrepancy in the E-Log screen to create/add/defer discrepancies.



6.14.1 E-LOG - CREATING DISCREPANCIES

1. Tap on the required discrepancy in the left pane of the Maint./Pilot Discrepancy tab. The Discrepancy Card appears.



2. Tap on to open the Create Discrepancy screen.

11:49 AM Fri 25 Sep 8%

[Discrepancy Card](#) **Create Discrepancy**

| | | | | |
|---------------|------------------------------------|----------------|-----------------------------------|-----------------------------|
| Type MIREP | Log Item # <input type="text"/> | ATA # 00-00 | Source Task # LP-000589-2020/1 | Maint. Object A310 I 101 |
|---------------|------------------------------------|----------------|-----------------------------------|-----------------------------|

| | | | | |
|-------------------------------------|---|---|----------------------------------|---|
| Description <input type="text"/> | Radio Communication <input type="text"/> | Reported Date & Time 09-25-2020 11:49:0... | Category <input type="text"/> | DP Est. Man Hours <input type="text"/> |
| Reported By <input type="text"/> | | Repair Class <input type="text"/> | | |

Reference Details

Parts Required Corrosion Related
Major Item Repeat

Resolution Details

Corrective Action

Action

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

Skill #

Attachments

Sign Off Requirements

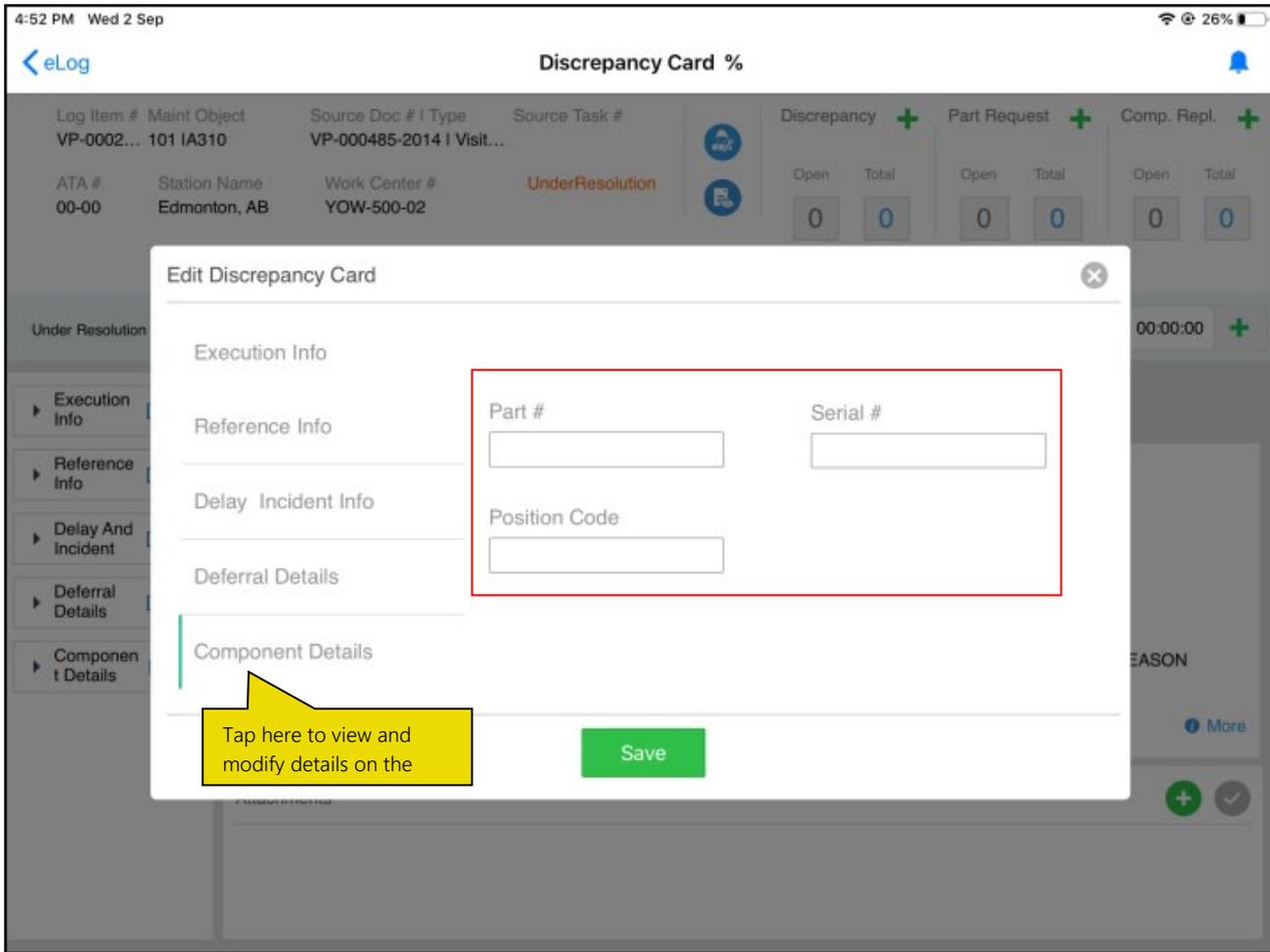
Mechanic Inspector RII
Mech Skill # Insp Skill # RII Skill #

Component Details

Callouts:

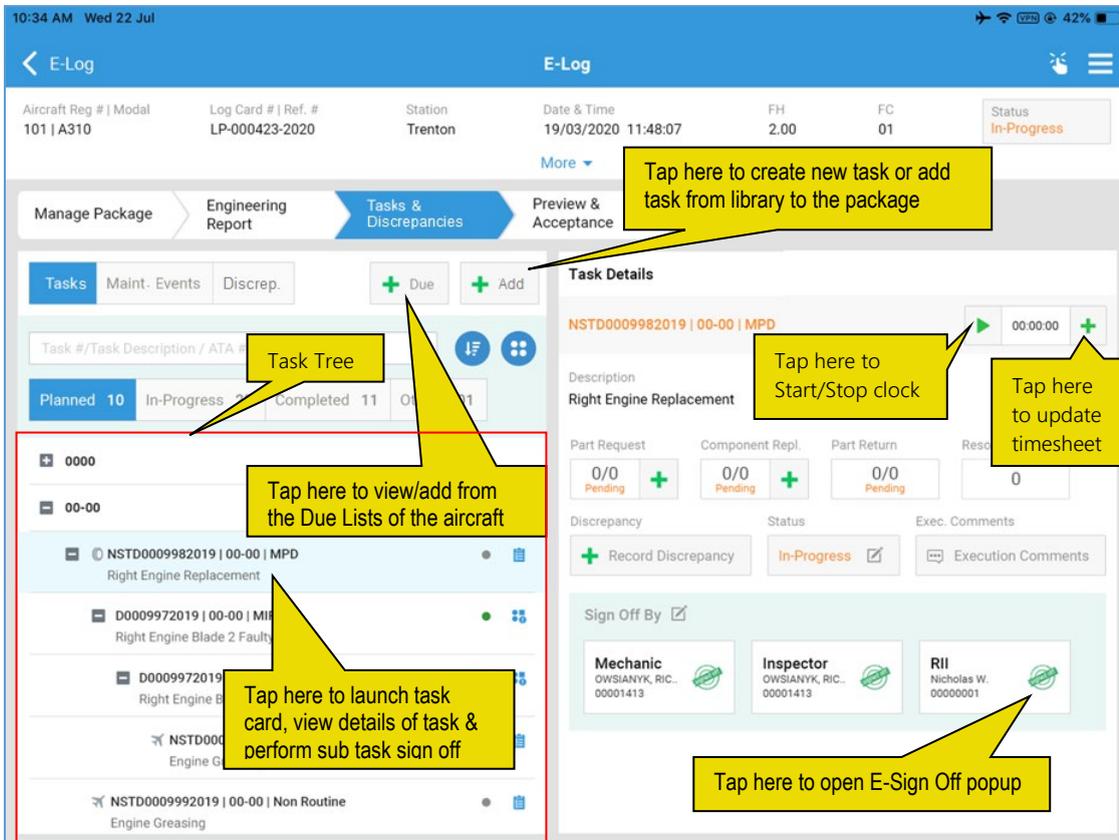
- Select Part Change – Closed to display Component Details (points to Category field)
- Enter skill # against corrective action (points to Skill # field)
- To create/add discrepancy to execution document, tap here (points to Attachments section)
- To create, add and sign off discrepancy all at one go, tap (points to Add & Sign Off button)
- To blank out data from all fields in the screen, tap (points to Clear button)

3. Tap on the **Edit** icon in any of the tiles in the left pane of the **Discrepancy Card** screen. The **Edit Discrepancy Card** popup appears.



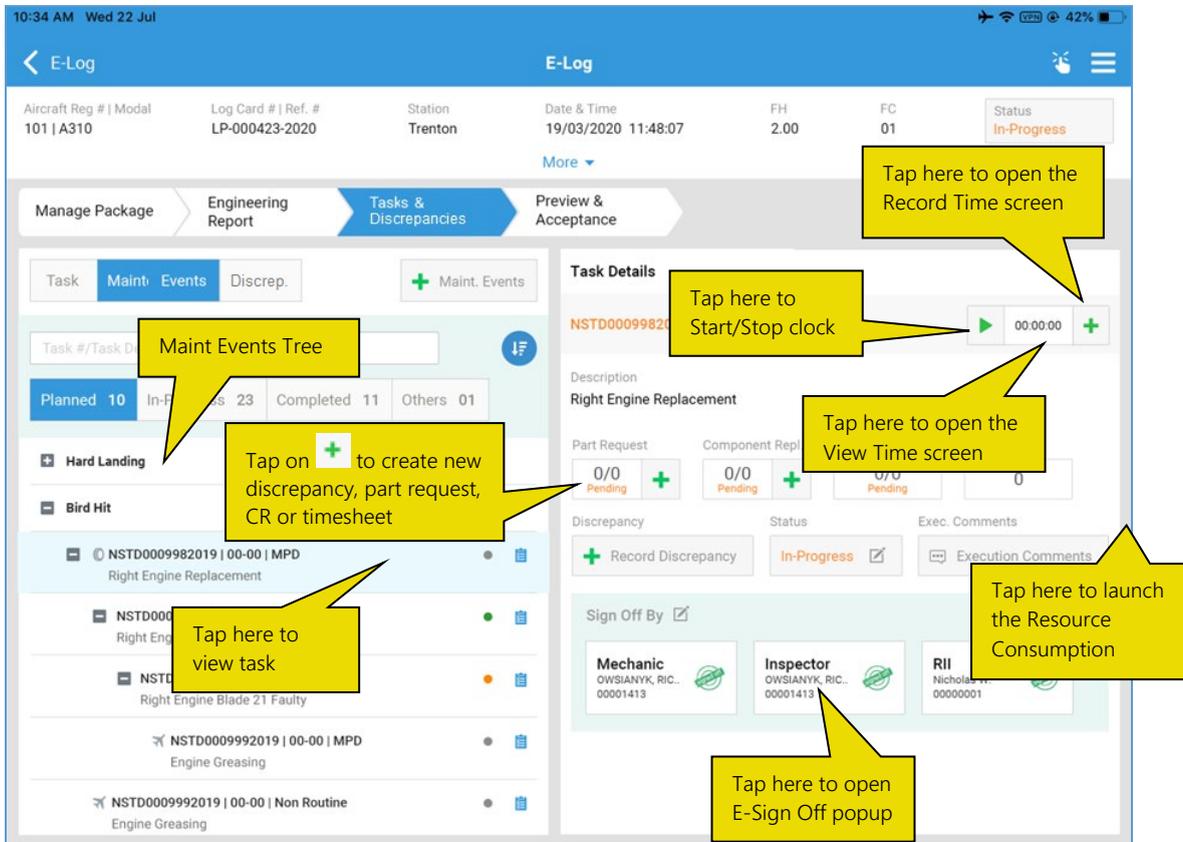
6.14.2 E-LOG MAINTAIN EVENTS AND TASKS

1. Tap on **Tasks** in the **Tasks & Discrepancies** tab in the **E-Log** page to add tasks to the chosen package.



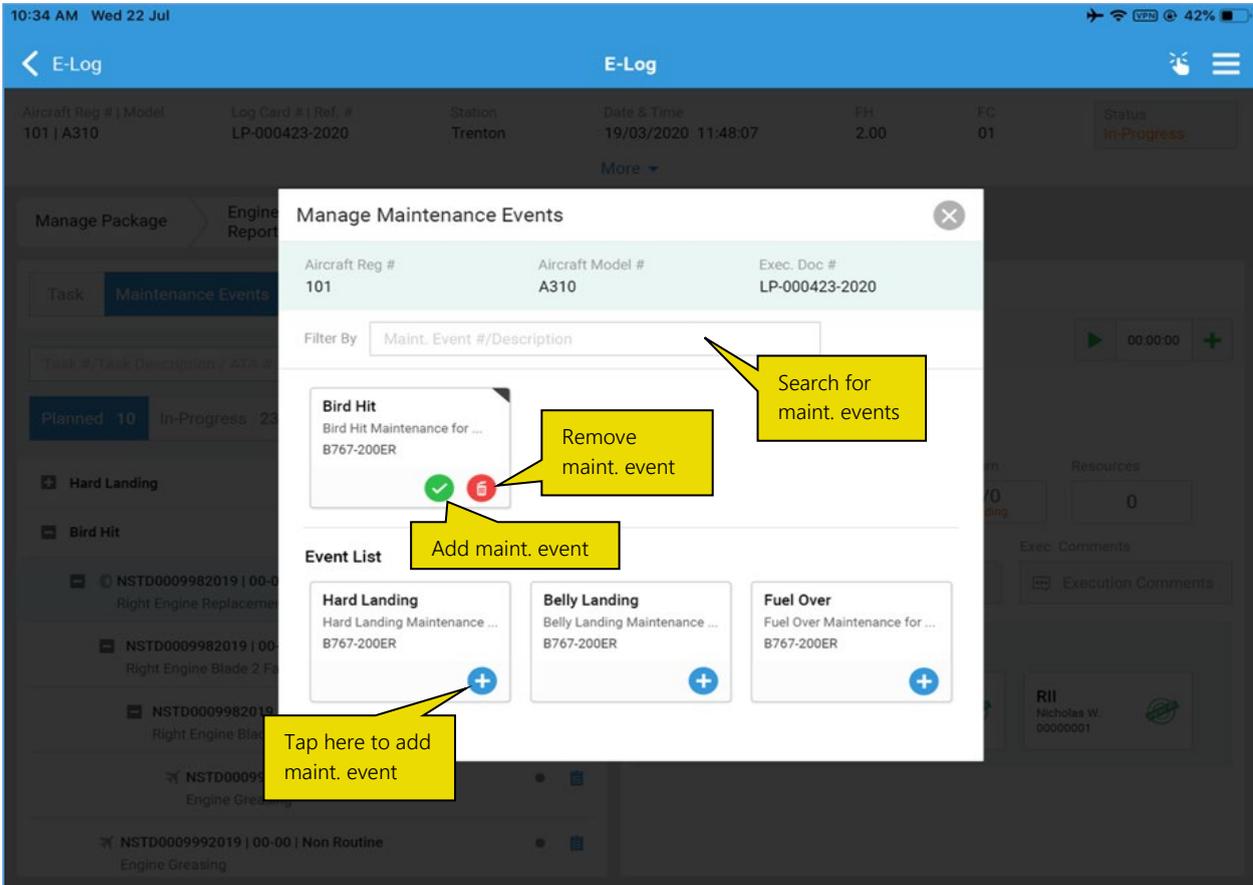
6.14.3 THE MAINT. EVENTS & TASKS SCREEN IN E-LOG POST VOID SIGN OFF

1. Tap on **Maintenance Events** in the **Tasks & Discrepancies** tab in the **E-Log** page to add / remove maintenance events from the chosen package. .



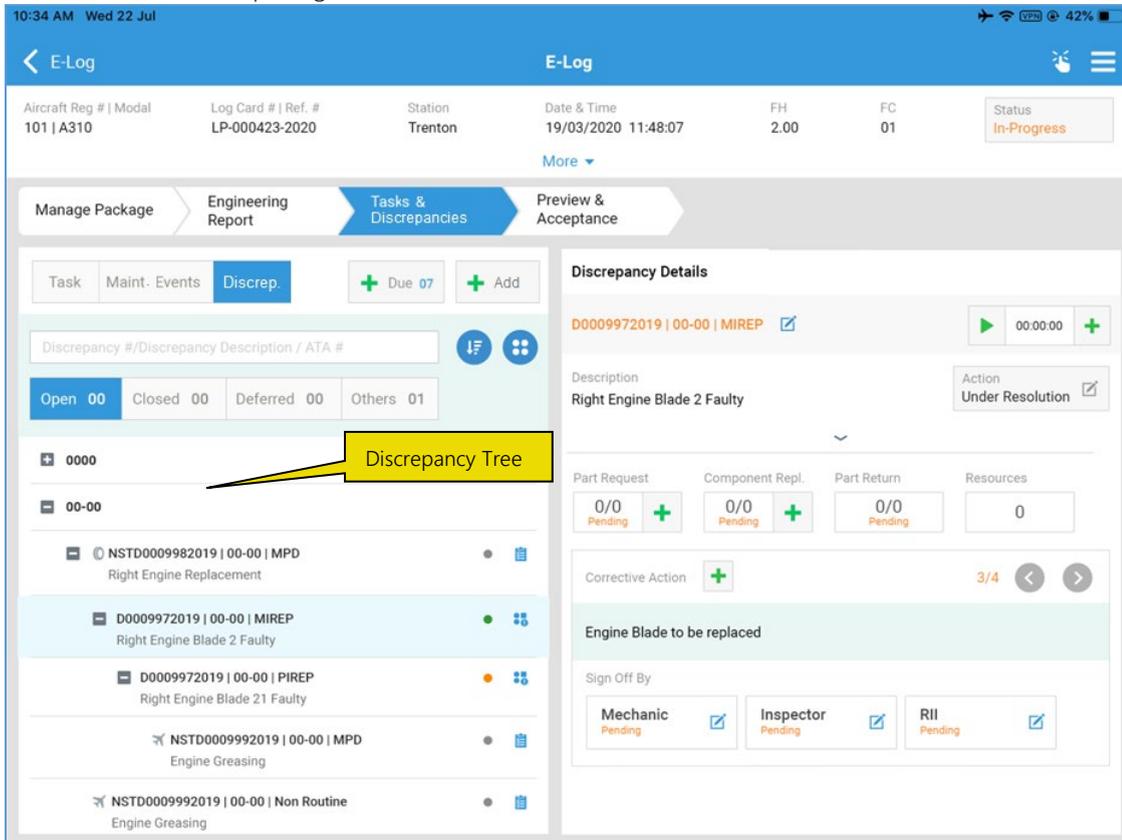
6.14.4 MANAGING MAINTENNACE EVENTS

1. Tap on Maintenance Events. The Manage Maintenance Events popup appears.as the next image shows.



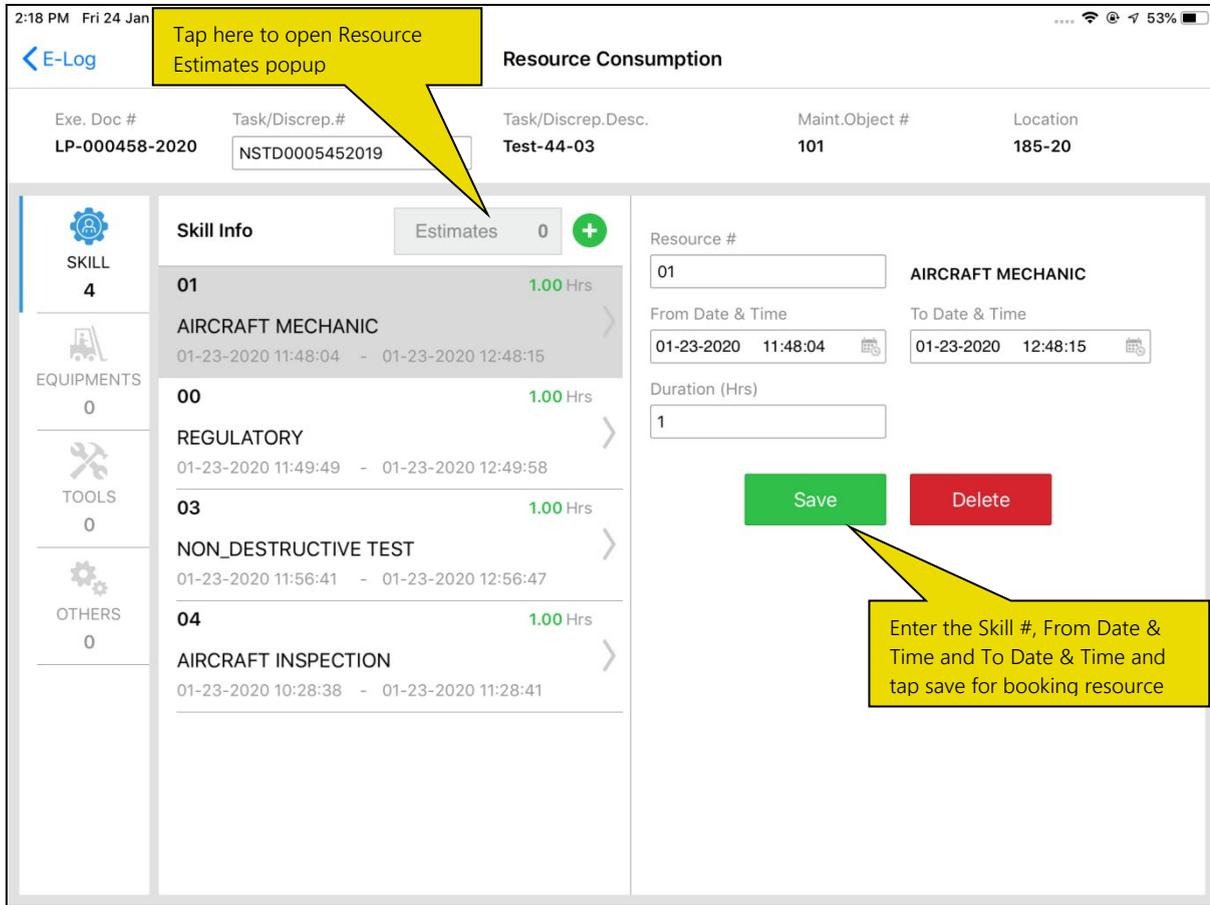
6.15 RESOLVING DISCREPANCIES

1. Tap **Discrp.** In the **Tasks & Discrepancies** tab in the **E-Log** page to add / remove maintenance events from the chosen package. .

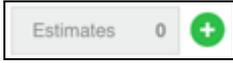


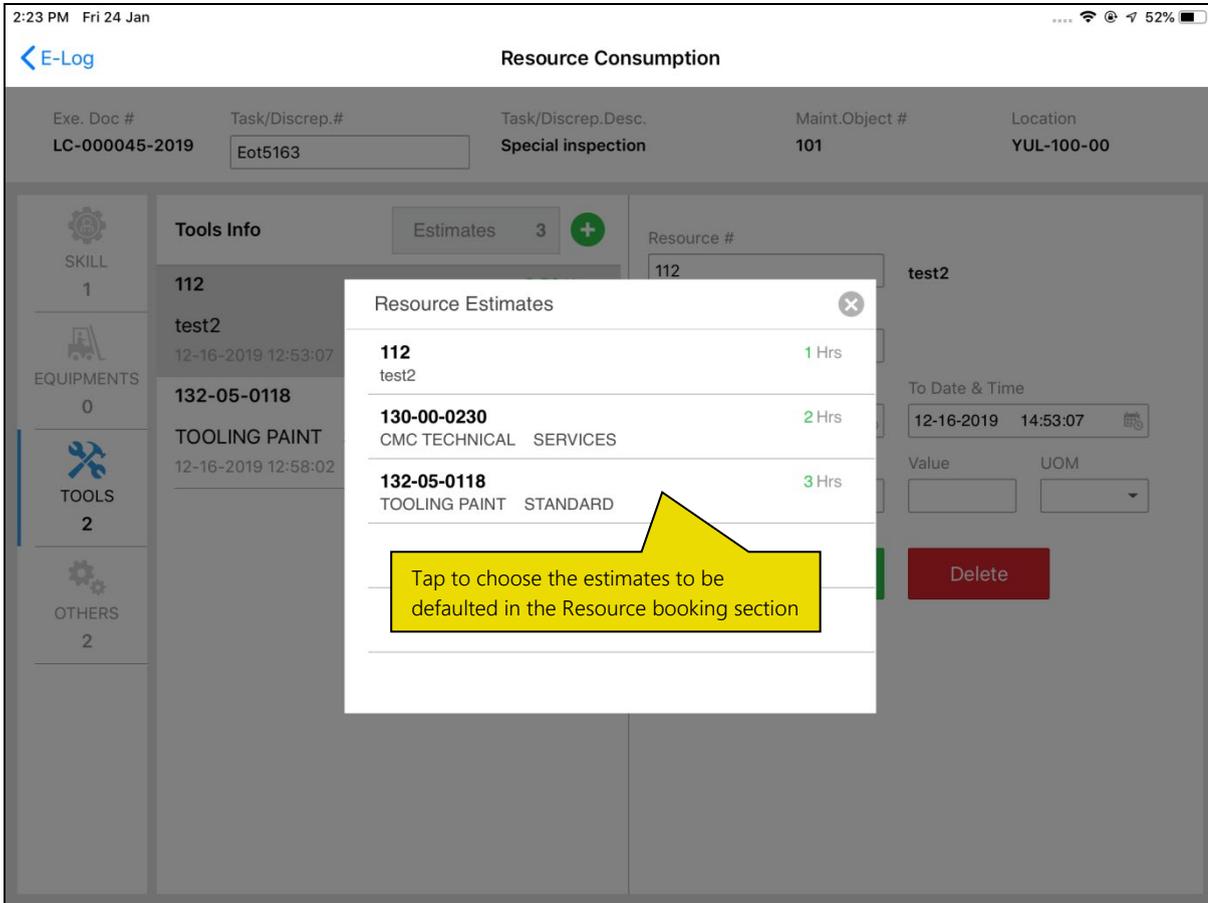
6.16 RECORDING RESOURCE CONSUMPTION AGAINST TASKS

1. Tap the count under **Resources** in the **Task Details** pane with reference to the previous image. The **Resource Consumption** page appears as shown in the next image.



6.16.1 ESTIMATING RESOURCES AGAINST TASKS

1. Tap  in  in the **Resource Consumption** page to record details of consumed resources against the task from the package / shop work order.



6.16.2 DELETING RESOURCE ACTUALS FOR TASK

Resource Consumption

Exe. Doc # LC-000045-2019 Task/Discrep.# Eot5163 Task/Discrep.Desc. Special inspection Maint.Object # 101 Location YUL-100-00

Tools Info Estimates 3 +

- SKILL 1
- EQUIPMENTS 0
- TOOLS 2
- OTHERS 2

9 12:53:07 - 12-16-2019 14:53:07 2.50 Hrs Delete

132-05-0118 2.00 Hrs

TOOLING PAINT STANDARD
12-16-2019 12:58:02 - 12-16-2019 14:58:02

Resource # 112 test2

Facility Object #

From Date & Time 12-16-2019 12:53:07 To Date & Time 12-16-2019 14:53:07

Duration (Hrs) 2.5 Value UOM

Save Delete

Swipe the resource record to delete the resource actuals

6.17 DUAL AUTHENTICATION FOR TASK / DISCREPANCY SIGN OFF

1. Tap **Sign Off** seal in E-Log/Shop Execution/Task Card Details/Discrepancy Card Details page. The E-Sign Off popup appears as shown in the next page.
2. If the process parameter Display & Capture License/Certificate information during Task/Discrepancy Sign Off using Dual Authentication? under the entity type Package Type and the entity All Packages in the Define Process Entities activity of Common Master is set as 1 for License #, the License # and Category fields will appear in the E-Sign Off pop up during sign off.

The screenshot displays the 'E-Log' interface with an 'E-Sign Off' modal window. The modal includes the following fields and controls:

- Sign Off By:** A dropdown menu with 'Mechanic' selected.
- Employee #:** A text input field containing '000000001' and a green arrow button to the right.
- Employee Name:** A text input field containing 'Nicholas W.'.
- Password:** A text input field.
- Pin:** A text input field.
- Date and Time:** A date and time picker showing '17/04/2020 14:14:53'.
- Skill #:** A dropdown menu.
- Comments:** A text area for notes.
- Buttons:** 'Sign Off' (green), 'Void' (grey), and 'Reject' (red).

Yellow callout boxes provide the following instructions:

- 'Enter Employee ID and then tap here to display Employee Name' (points to the Employee # field).
- 'Enter Pin and / or Password based on the authentication type to sign off task / discrepancy using Dual Authentication' (points to the Password and Pin fields).
- 'Enter license / certificate #' (points to the License # field).
- 'Tap here to sign off task / discrepancy' (points to the Sign Off button).

🔗 **Note:**

- 🔗 The Void button will appear, only if the "Restrict Voiding of Sign Off in MechanicAnywhere?" is set as "1" for "Yes" under the entity type Mobility and the entity MechanicAnywhere in the Define Process Entities activity of Common Master
- 🔗 The Reverse button will appear, if the "Restrict Reversal of Sign Off in MechanicAnywhere?" is set as "1" for "Yes" under the entity type Mobility and the entity MechanicAnywhere in the Define Process Entities activity of Common Master
- 🔗 The Reject button will appear only if the "Restrict Rejecting of Sign Off for Shop Work Order in MechanicAnywhere?" process parameter is set as 1 for Yes under the entity type Mobility and the entity MechanicAnywhere in the Define Process Entities activity of Common Master.

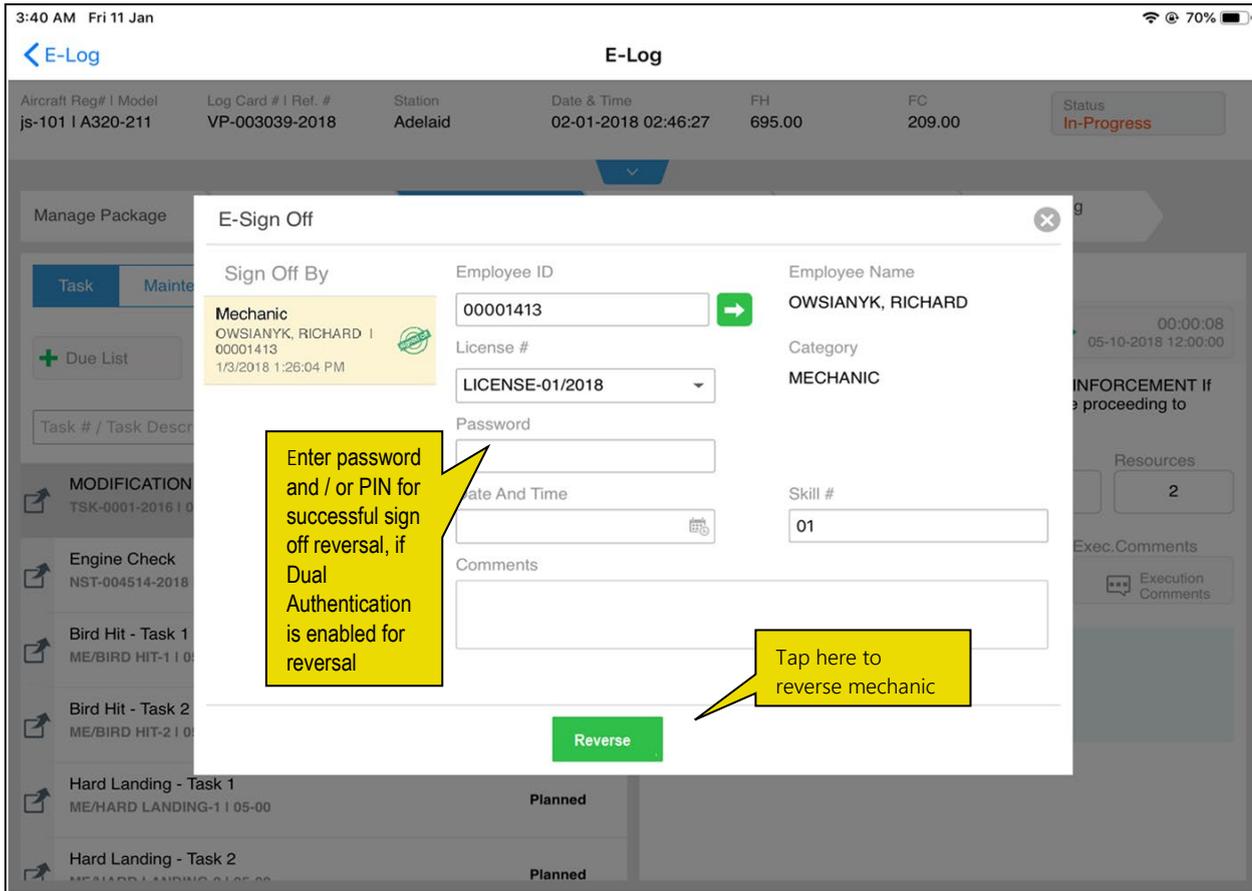
6.17.1 REVERSING SIGN OFF

The screenshot displays the 'E-Log' interface on an iPad. At the top, it shows the aircraft registration 'JS-101 | A320-211', log card 'VP-003037-2017', station 'Adelaid', and date/time '28/12/2017 21:15:29'. The status is 'In-Progress'. A navigation bar includes 'Manage Package', 'Maint./Pilot Discrepancy', 'Maint. Events & Task' (selected), 'Cabin Defect', 'Fuel / Oil Uplift', and 'Preview and Acceptance'. The left pane lists tasks with their status: 'ME/HARD LANDING-2 | 05-00' (Planned), 'PME 1 | 1-RO-MP-06018 | 00-00' (Planned), 'MODIFICATION INSTRUCTION #2 VHF ANTENNA...' (In-Progress), 'Intermediate 1 | 2-RO-MP-07383 | 00-00' (Completed), 'tak creating for testing | NST-004519-2018 | 00-00' (Completed), 'Engine Task | 11-11-11 | 32-00' (Completed), and 'PME-1 | 1-50C-0000-CMM-00005064 | 00-00' (Completed). The right pane shows 'Task Details' for 'TSK-0001-2016 | 00-00 | Aircraft' with a duration of 00:00:11. It includes a 'MODIFICATION INSTRUCTION #2 VHF ANTENNA REINFORCEMENT' note, a 'Part Request' table with 0/0 pending items, and a 'Sign Off By' section for 'MECHANIC OWSIANYK, RIC...' with a 'Signed Off seal' icon. A yellow callout box points to the seal with the text 'Tap here to open the E-Sign Off popup'.

| Part Request | Component Repl. | Parts Return | Resources |
|----------------|-----------------|----------------|-----------|
| 0/0 Pending | 0/0 Pending | 0/0 Pending | 2 |

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

6.17.2 THE E-SIGN OFF POPUP IN THE MAINT. EVENTS & TASKS SCREEN



6.17.3 DISCREPANCY WRITEUP – BASIC TAB

The screenshot shows the 'Discrepancy Write Up' form in the eLog application. The form is divided into several sections:

- Header:** Includes 'Type' (set to MIREP), 'Log Item#' (empty), 'ATA#' (empty), and 'Source Task/Discrep.#' (empty).
- Reference Details:** Contains toggle switches for 'Parts Required', 'Corrosion Related', 'Major Item', and 'Repeat'.
- Resolution Details:** Includes a 'Corrective Action' text area, an 'Action' dropdown, and an 'Action Date & Time' field (set to 09-25-2020 02:27:...). Below this is a 'Skill #' field.
- Sign Off Requirements:** Features toggle switches for 'Mechanic', 'Inspector', and 'RII', followed by three skill number fields: 'Mech Skill #', 'Insp Skill #', and 'RII Skill #'.
- Component Details:** A section at the bottom with a right-pointing arrow.

Callouts provide additional instructions:

- A yellow callout points to the 'Type', 'Log Item#', and 'ATA#' fields, stating: "Inputs from these fields plus historical data will be used to derive discrepancy list."
- A yellow callout points to the 'Skill #' field, stating: "Enter skill for corrective action/discrepancy"
- A yellow callout points to the 'Mech Skill #', 'Insp Skill #', and 'RII Skill #' fields, stating: "Enter skill at resource group level"

At the bottom of the form are two green buttons: 'Create' and 'Create & SignOff'.

6.17.4 DISCREPANCY WRITEUP – ADDITIONAL TAB

12:50 PM Mon 20 Apr 56%

[E-Log](#) E-Log

Discrepancy Write Up ✕

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

Problem Details

Radio Communication:

Reported Date & Time: Reported By:

Reference Details

Parts Required: Corrosion Related:
Major Item: Repeat:

Attachments:

Resolution Details

Corrective Action:

Action: ▼

Action Date & Time:

Sign Off Requirements

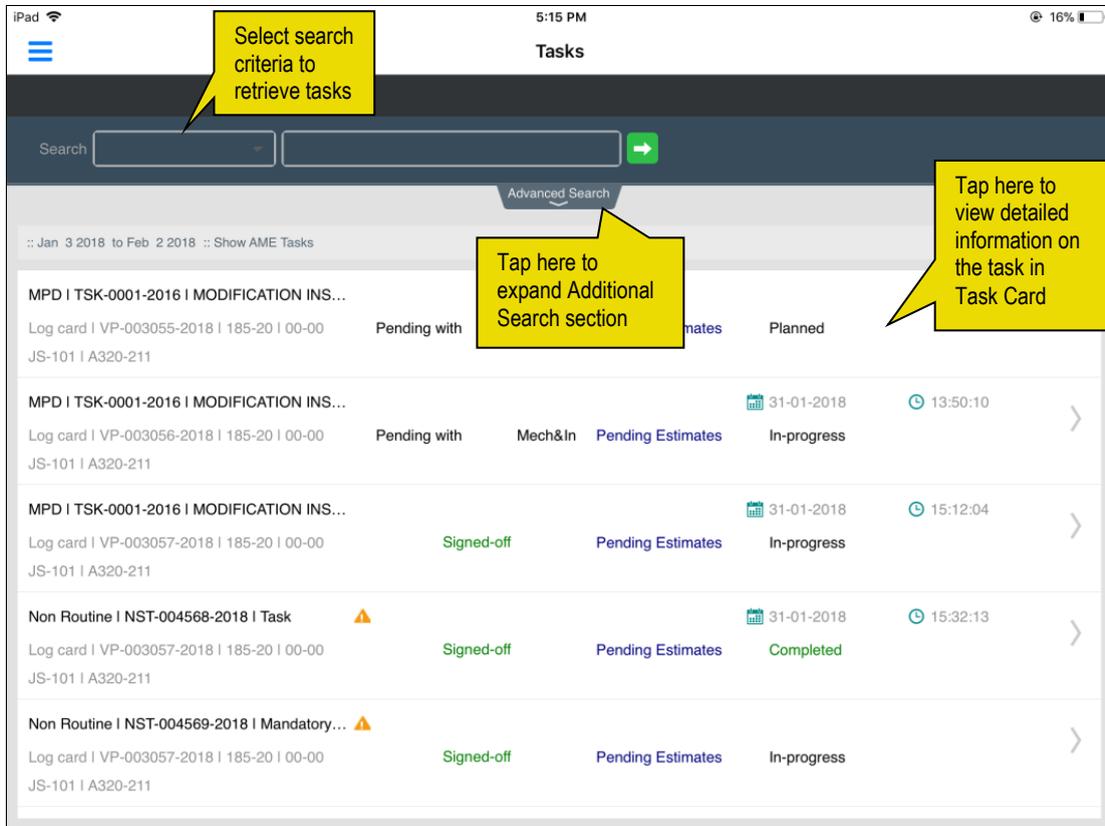
Mechanic: Inspector: RII:

▶ **Component Details**

Select Part Change – Closed to display Component Details section.

6.18 THE TASK LIST PAGE

You can search and retrieve tasks from across the system globally by means of the Simple or Additional search. The **Task List** page provides a brief view of the tasks.



6.19 THE TASK CARD DETAILS PAGE

The screenshot shows the 'Task Card Details' page for task ID NST-043942-2020. The page is divided into several sections:

- Header:** Shows the time (4:28 PM Thu 27 Feb) and the task title 'Task Card Details 2 | NST-043942-2020'. A yellow callout points to a '+' icon with the text 'Tap + to create documents.'
- Task Information:** Includes 'Task Desc: Inspector', 'Maint. Object: 101 - A310', and 'Type: 020 - Line Package'. A red box highlights three buttons: 'Discrepancy +', 'Part Request +', and 'Comp. Repl. +'. A yellow callout points to the 'Part Request +' button: 'Tap here to record part consumption & return'. Another yellow callout points to the 'Sign Off' status: 'Sign Off status of task'.
- Summary Table:** A table with columns for 'Open' and 'Total' for 'Discrepancy', 'Part Request', and 'Comp. Repl.'. All values are currently 0. A yellow callout points to the table: 'Tap on the counts to view DR/MR/CR for the task in context'.
- Task Status:** A horizontal bar shows status options: 'In-Progress', 'Sign Off Req.', 'Signed Off', 'Exec. Comm.', 'Part Cons. & Return', and 'Not Required'. A yellow callout points to the 'Signed Off' status: 'Sign Off status of task'.
- Task Details:** Includes 'Plan Dates and Time' (2020-01-29 to 2020-01-29) and '06:25:00 PM 07:25:00 PM'. A yellow callout points to the 'Task Instruction - Sheet' tab: 'Tap here to view / perform actions on sub tasks'. Another yellow callout points to the 'Estimation status of task'.
- Inspector Information:** Shows 'Inspector: Dmuser Ramco 00000001' and 'N/A'. A yellow callout points to the inspector name: 'Tap here to access documents attached to tasks'. Another yellow callout points to the 'E-Sign Off' icon: 'Tap here to open E-Sign Off popup'.
- Attachments:** A section for 'Attachments' with a '+' icon and a checkmark icon. A yellow callout points to the '+' icon: 'Tap here to attach files'.
- Navigation:** A yellow callout points to the left navigation arrow: 'Tap here to expand left pane to view more info on task'.

Note: The Task Instructions and Sign Off Comments History tabs will appear only based on external options settings in ePubs application.

6.19.1 SIGNING OFF TASKS

Task Card Details 2 | NSTD0007282019 | Non Routine

Task Desc: Colour of the screen is changed to black and screen is not working
Maint. Object: VH-LCL - 008-200
Exec.Doc # | Type: LP-000512-2020 - Line Package

| Discrepancy + | | Part Request + | | Comp. Repl. + | |
|---------------|-------|----------------|-------|---------------|-------|
| Open | Total | Open | Total | Open | Total |
| 0 | 0 | 0 | 0 | 0 | 0 |

Plan Dates and Time: 03-18-2020-03-18-2020
CO#: _____ Customer # - Name: _____

06:32:08 17:32:08

00:00:00 +

View Documents

01

E-Sign Off

Sign Off By: **Mechanic** | Inspector

Employee ID: 00000001 → Employee Name: Nicholas W.

Password: _____ Pin: _____

Date and Time: 04-17-2020 14:41:53 Skill #: _____

Comments: _____

SignOff | Void | **Reject**

6.19.2 TASK CARD DETAILS PAGE - TASK INSTRUCTION SHEET

The screenshot shows the 'Task Card Details' page for task '2 | NST-043942-2020 | Non Routine'. The page is divided into a top navigation bar, a status bar, and a main content area. The left sidebar is highlighted with a red border and contains sections for 'Execution Info', 'Planning Info', 'Reference Info', and 'Commercials'. The 'Planning Info' section is expanded, showing details like 'Mandatory task: No', 'Tracking #: 2', and 'Planning Type: Unplanned'. The main content area has tabs for 'Sub Task', 'Task Instruction - Sheet', and 'Sign Off Comments History'. The 'Task Instruction - Sheet' tab is active, showing 'Attachment 1 of 0' and an 'Attachments' section with a green plus icon for adding files. A timer shows '00:00:00'. Annotations in yellow callouts provide instructions: 'Tap here to set sign off requirement for task' points to the 'Not Required' status; 'View more info on task in the left pane' points to the left sidebar; 'Tap here to close left pane' points to a blue arrow icon; and 'Tap here to attach files against task' points to the plus icon in the attachments section.

6.19.3 TASK CARD DETAILS PAGE – SIGN OFF COMMENTS HISTORY

4:51 PM Thu 27 Feb

Task Card Details 2 | NST-043942-2020 | Non Routine

In-Progress Sign Off Req. Signed Off Part Cons. & Return Not Required 00:00:00 +

Execution Info

Planning Info

Mandatory task No

Tracking # 2

Maintenance Event

Planning Type Unplanned

Workscoping Comments

Engineering Instructions

Remarks

Planning Comments close

Revision #

Reference Info

Commercials

Sub Task Task Instruction - Sheet Sign Off Comments History View Documents

| Seq # | Sub Task Description | Skill # | Resource Gr... | Employee # | Performed Date &... | Sign Off Com... |
|-------|----------------------|---------|----------------|------------|----------------------|-----------------|
| 2.2 | Inspector | | Mechanic | 00000001 | 2020-01-29 06:27:... | |

Attachments

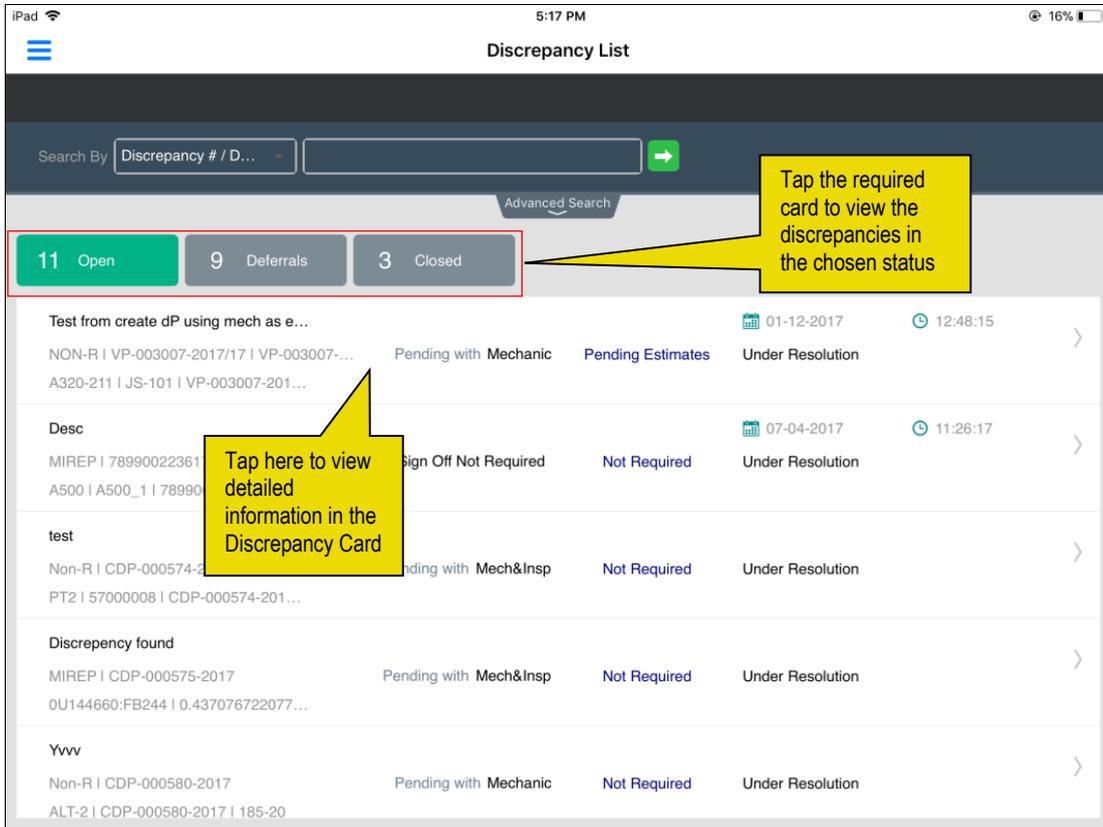
Attachments

6.19.4 CREATE DISCREPANCY

The screenshot shows the 'Create Discrepancy' screen in the MechanicAnywhere app. At the top, the status bar shows '9:33 PM Mon 23 Dec' and '91%' battery. The title bar includes a back arrow, 'Task Card Details', and 'Create Discrepancy'. Below the title bar are five input fields: 'Type' (MIREP), 'Log Item #', 'ATA #' (00-00), 'Source Task #' (0000-B76-0007996), and 'Maint. Object' (B767-200 I 1133). The 'Problem Details' section contains fields for 'Description', 'Radio Communication', 'Reported Date & Time' (12-23-2019 19:06), 'Category', 'Est. Man Hours', 'Reported By' (00000001), and 'Repair Class'. The 'Reference Details' section has four toggle switches: 'Parts Required', 'Major Item', 'Corrosion Related', and 'Repeat'. The 'Resolution Details' section includes 'Corrective Action', 'Action', and 'Action Date & Time' (12-23-2019 19:06). The 'Sign Off Requirements' section has three toggle switches: 'Mechanic', 'Inspector', and 'RII'. At the bottom, there is an 'Attachments' section with a plus icon and a checkmark icon. Below this are three buttons: 'Add', 'Add & Sign Off', and 'Clear'. A 'Discrepancy List' label is at the bottom left. Five yellow callout boxes provide instructions: 'Tap here to view discrepancy list' (pointing to the list label), 'Tap here to add discrepancy to package' (pointing to the plus icon), 'Tap here to create and sign off discrepancy at the same time' (pointing to the 'Add & Sign Off' button), 'Tap here to blank off fields' (pointing to the 'Clear' button), and 'Tap here to view discrepancy list' (pointing to the list label).

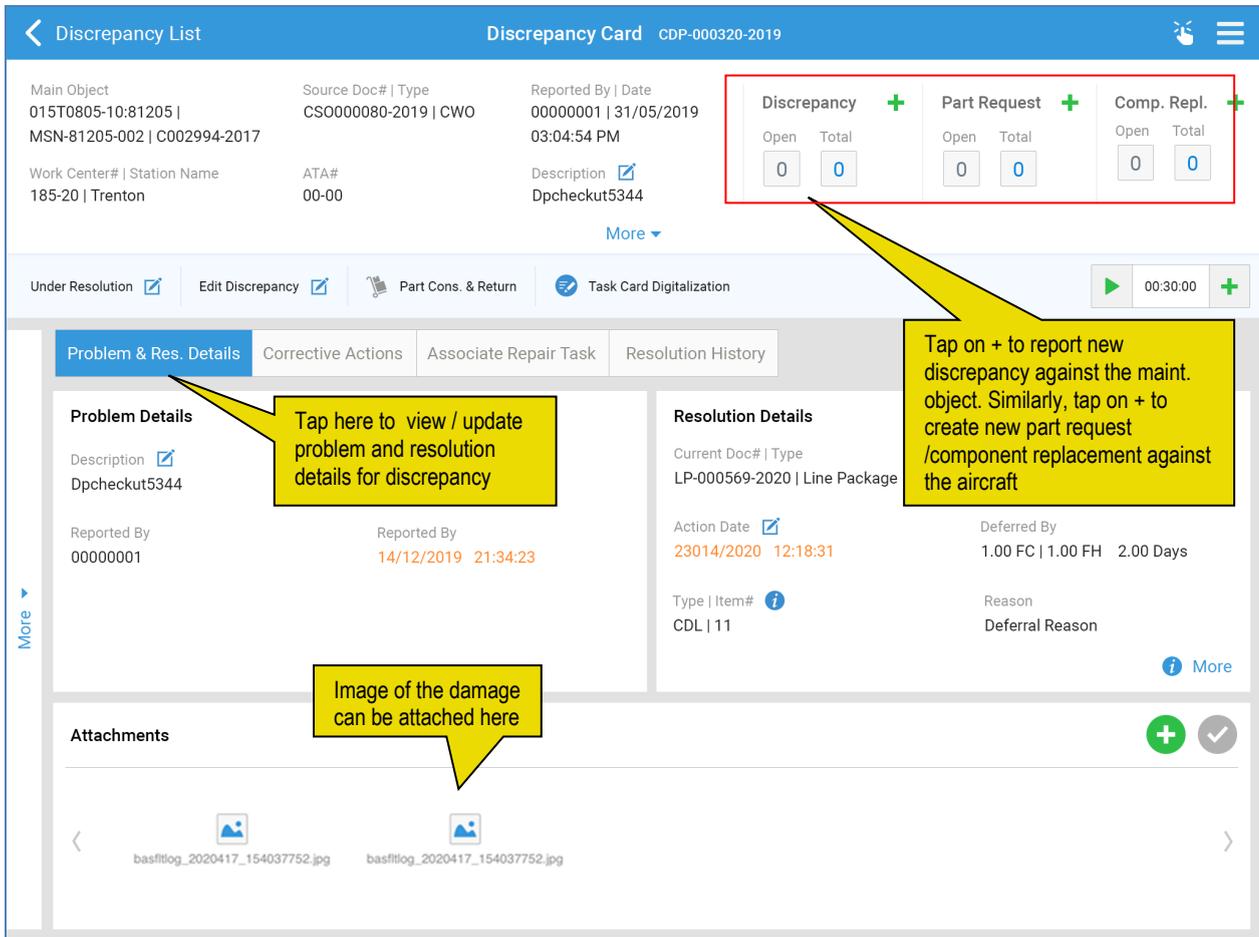
6.20 DISCREPANCY LIST

1. Tap on **Discrepancy List** in the **Hamburger** menu. The **Discrepancy List** page appears as the next image shows.



6.21 DISCREPANCY CARD

1. Tap on the required discrepancy record in the **Discrepancy List** page. The **Discrepancy Card** page appears as the next image shows.



6.21.1 DISCREPANCY CARD - PROBLEM AND RESOLUTION DETAILS

Discrepancy List Discrepancy Card CDP-000320-2019

Main Object: 00000001 | 2994-2017 | 2994-2017
Source Doc# | Type: CS00000000-2019-LCWO
Reported By | Date: 00000001 | 31/05/2019
03:04:54 PM
Description: Dpcheckut5344

| Discrepancy + | | Part Request + | | Comp. Repl. + | |
|---------------|-------|----------------|-------|---------------|-------|
| Open | Total | Open | Total | Open | Total |
| 0 | 0 | 0 | 0 | 0 | 0 |

Under Resolution Edit Discrepancy Part Cons. & Return Task Card Digitalization 00:30:00 +

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

Problem Details

Description: Dpcheckut5344

Reported By: 00000001 Reported By: 14/12/2019 21:34:23

Resolution Details

Current Doc# | Type: LP-000569-2020 | Line Package

Action Date: 23/014/2020 12:18:31 Deferred By: 1.00 FC | 1.00 FH 2.00 Days

Type | Item#: CDL | 11 Reason: Deferral Reason

Attachments

basfitlog_2020417_154037752.jpg basfitlog_2020417_154037752.jpg

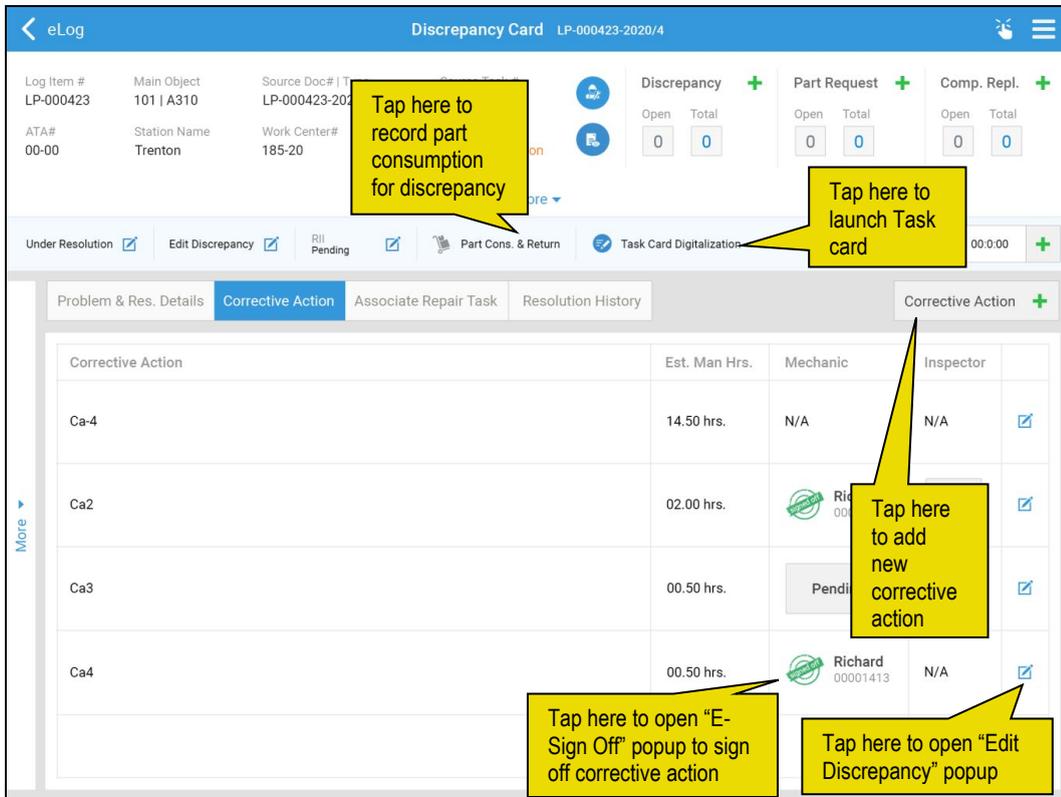
Tap here to change status of discrepancy

Tap here to modify discrepancy details

Tap here to change description of discrepancy

6.21.2 DISCREPANCY CARD – CORRECTIVE ACTION

1. Tap **Corrective Action** in the **Discrepancy Card** page to view / add / modify / sign off corrective action against the selected discrepancy.



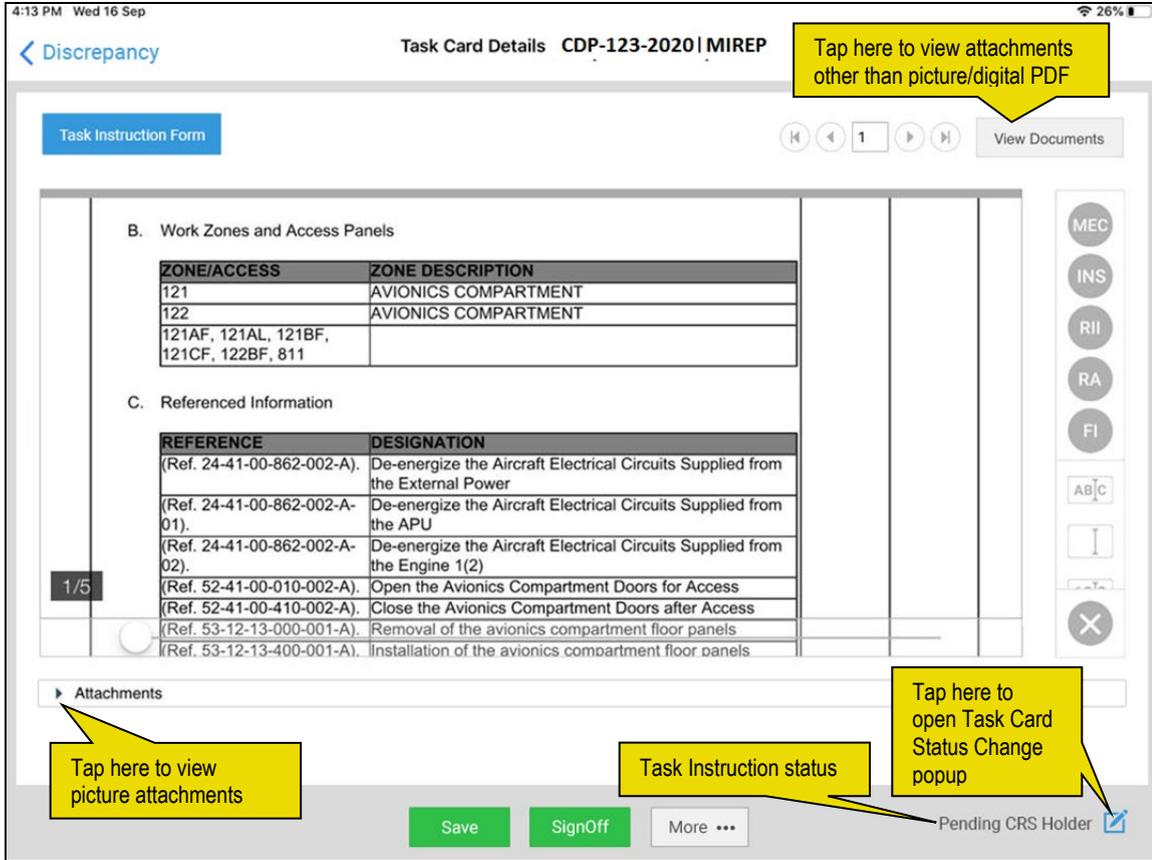
2. Tap  in the **Corrective Action** tab of the **Discrepancy Card** page. The New Corrective Action popup appears as the next image shows.

The 'New Corrective Action' popup form contains the following fields and controls:

- Corrective Action (text input)
- Action (dropdown menu)
- Est. Man Hours (text input)
- Skill # (text input)
- Sign Off Requirement section with three toggle switches: Mechanic, Inspector, and R/I.
- Mech Skill #, Insp Skill #, and R/I Skill # (text inputs)
- Act. Start Date & Time (calendar icon)
- Act. End Date & Time (calendar icon)
- Parts Required (toggle switch)
- Major Item (toggle switch)
- Corrosion Related (toggle switch)
- Save button (green)

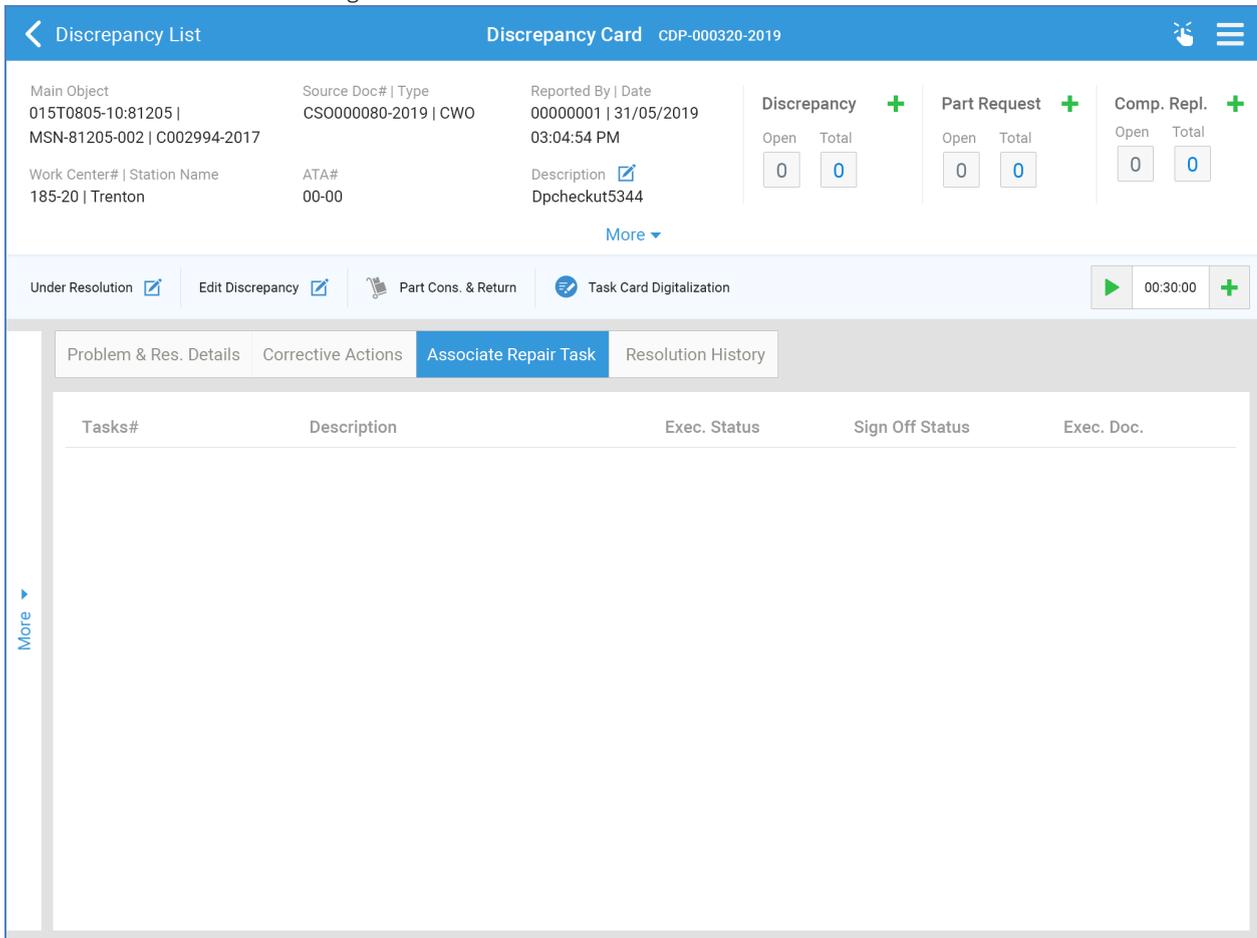
6.22 TASK & DISCREPANCY DIGITIZED TASK CARD AND USER STATUS FROM EPUBS

1. Tap on Task card Digitation in the Discrepancy card page. The Task Instruction Form appears as shown in the next image.



6.22.1 DISCREPANCY CARD – ASSOCIATE REPAIR TASK

1. Tap **Associate Repair Task** in the **Discrepancy Card** page. The **Associate Repair Task** page appears as shown in the next image.



6.22.2 DISCREPANCY CARD – RESOLUTION HISTORY

1. Tap **Resolution History** in the **Discrepancy Card** page. The **Resolution History** page appears as shown in the next image.

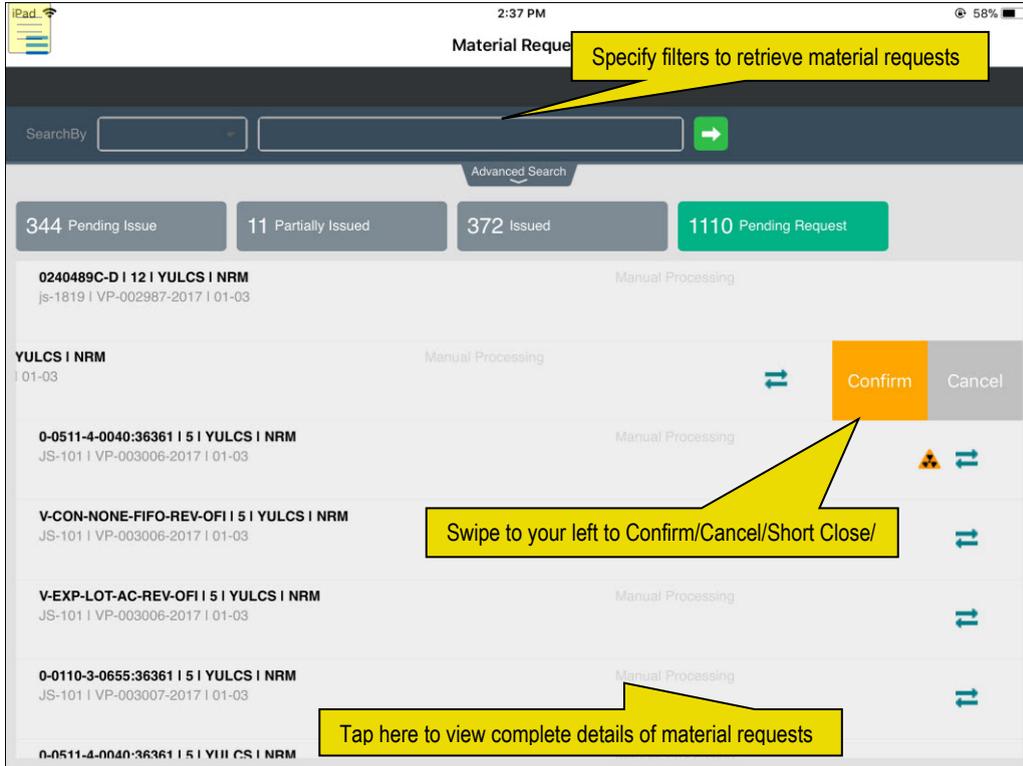
The screenshot shows the 'Discrepancy Card' page for CDP-000320-2019. The top navigation bar includes a back arrow, 'Discrepancy List', the card title 'Discrepancy Card CDP-000320-2019', and a menu icon. The main content area is divided into several sections:

- Metadata:** Main Object (015T0805-10:81205 | MSN-81205-002 | C002994-2017), Source Doc# | Type (CSO000080-2019 | CWO), Reported By | Date (00000001 | 31/05/2019 03:04:54 PM), Work Center# | Station Name (185-20 | Trenton), ATA# (00-00), and Description (Dpcheckut5344).
- Summary Metrics:** Discrepancy (+), Part Request (+), and Comp. Repl. (+). Each metric has 'Open' and 'Total' counts, all currently at 0.
- Actions:** Under Resolution, Edit Discrepancy, Part Cons. & Return, and Task Card Digitalization. A timer shows 00:30:00.
- Resolution History Tab:** A tabbed interface with 'Resolution History' selected. The table below is currently empty.

| Corrective Action | Time Action | Performed Date & Time | Inspected By | Reference Doc# | Sign Off Comments |
|-------------------|-------------|-----------------------|--------------|----------------|-------------------|
|-------------------|-------------|-----------------------|--------------|----------------|-------------------|

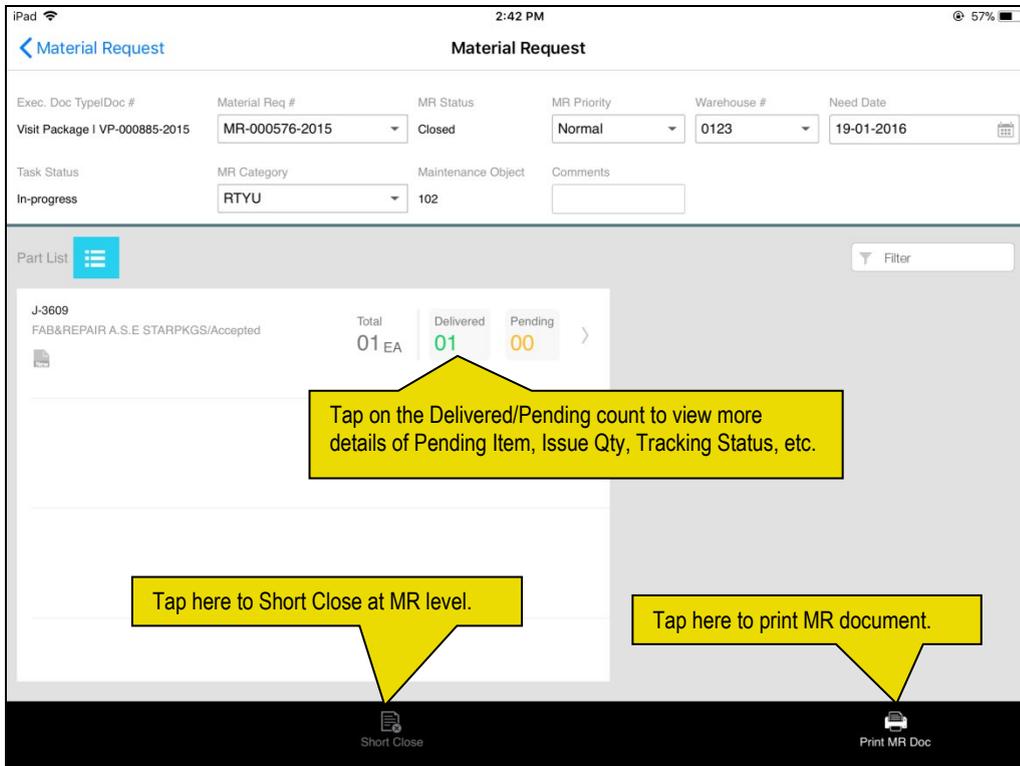
6.22.3 THE MATERIAL REQUEST LIST PAGE

1. Select **Material Request** from the **Hamburger** menu. The **Material Request** page appears as represented in the below image.



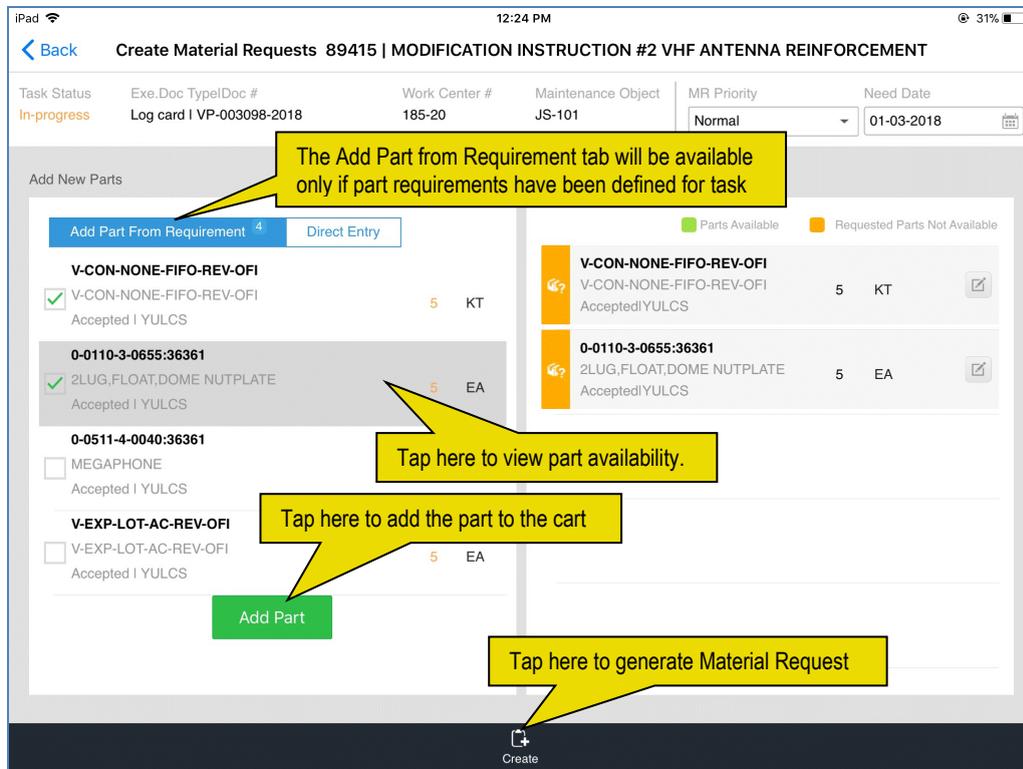
6.23 VIEW MATERIAL REQUEST

1. Tap on the material request record in the **Material Request** page. The **View Material Request** page appears as shown in the next image.



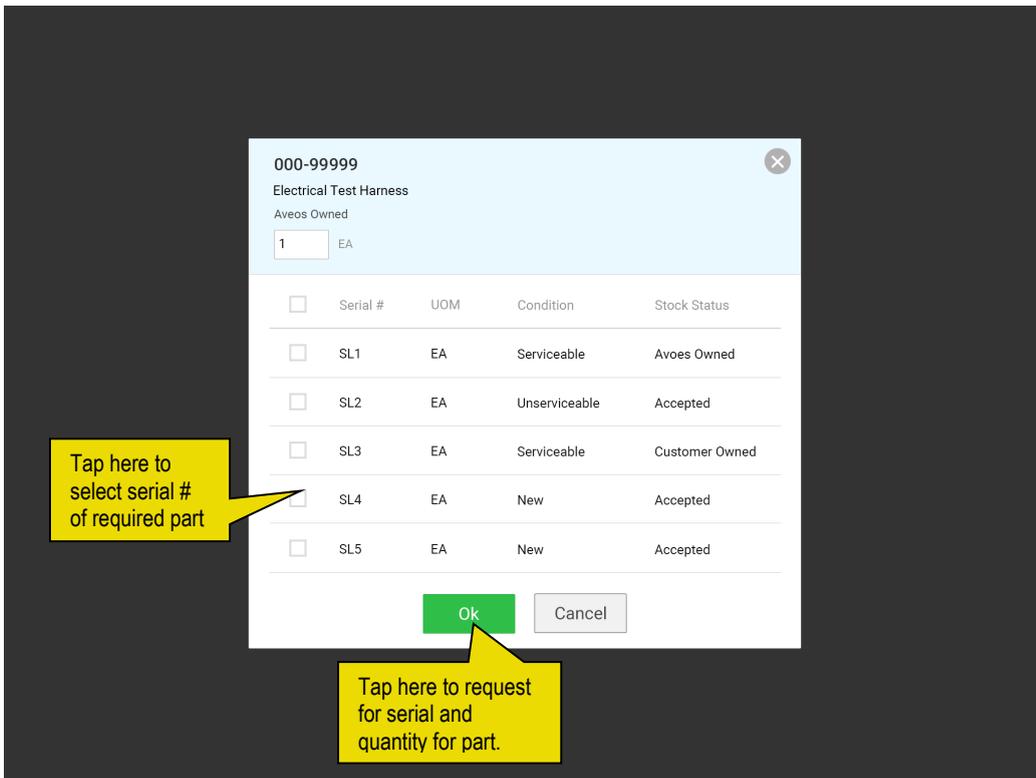
6.24 CREATE MATERIAL REQUEST FOR TASKS

1. Tap on the **Part Request** icon in the E-Log/ Task Card Details/Discrepancy Card Details page. The **Create Material Requests** page appears as shown in the next image.



6.24.1 REQUESTING FOR SPECIFIC SERIAL# FOR TASKS/DISCREPANCIES

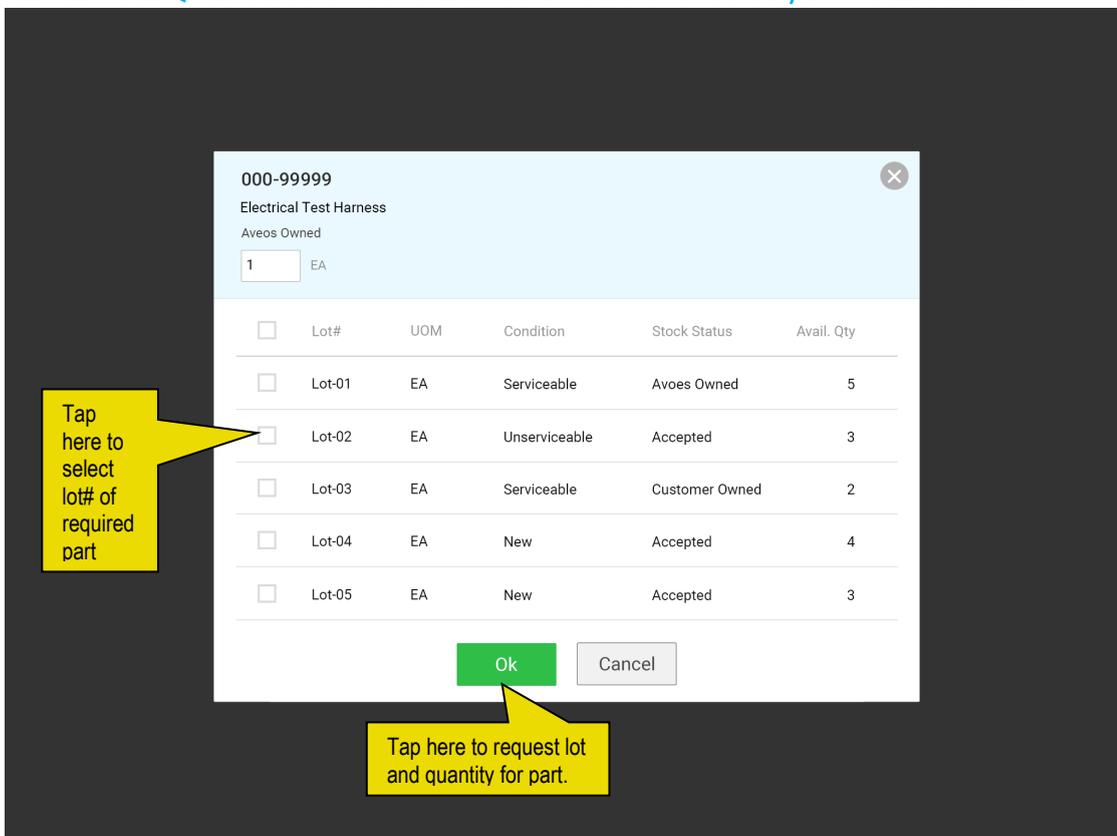
1. Tap on the part record in the **Create Material Requests** page appears. A popup displaying all the available serial# for the requested part in the requested warehouse appears as shown in the next image, if the part is a Serial-Controlled part.



Note: The quantities of the selected serial# must add up to the requested quantity of the requested part.

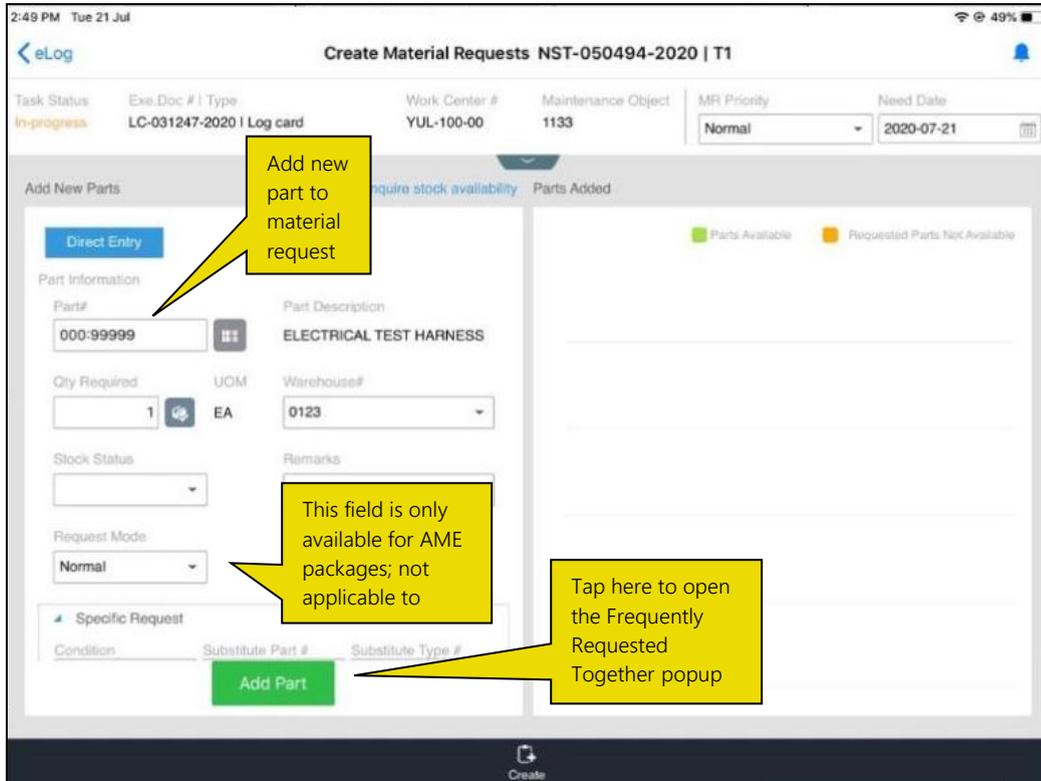
- Tap on the part record in the **Create Material Requests** page appears. A popup displaying all the available lot# for the requested part in the requested warehouse appears as shown in the next image, if the part is a Lot-Controlled part.

6.24.2 REQUESTING FOR SPECIFIC LOT# FOR TASKS/DISCREPANCIES



Note: The quantities of the selected lot# must add up to the requested quantity of the requested part

6.24.3 ADDING FREQUENTLY REQUESTED TOGETHER PARTS



6.24.4 FREQUENTLY REQUESTED TOGETHER POPUP

The screenshot shows the 'Create Material Requests' screen on an iPad. A 'Frequently Requested Together' popup is displayed, listing parts with checkboxes, descriptions, and quantity input fields. Callouts provide instructions on how to use the popup.

Callout 1: The parts included in popup are also dependent on process parameter

Callout 2: The Frequently Requested Together popup is available to users based on process parameter setting

Callout 3: Select parts to be added to the material request

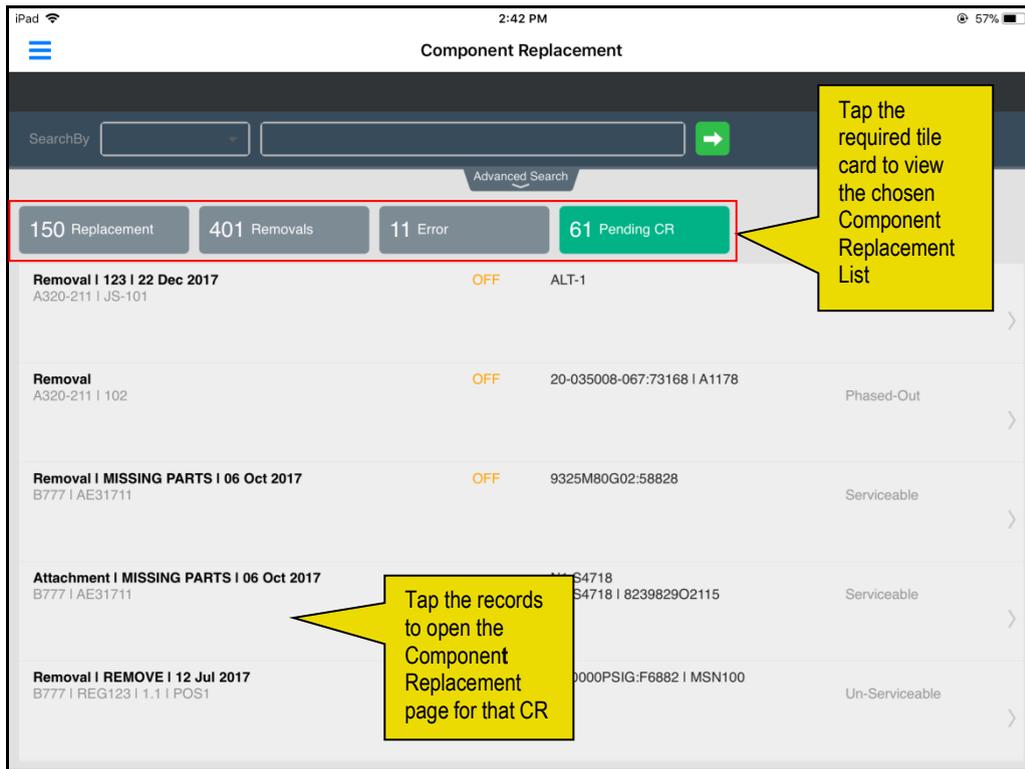
Callout 4: Tap here to add the part to the material request

Callout 5: Enter order quantity

| Part # | Part Description | Qty. | UOM |
|--|------------------|--------------------------------|-----|
| M83248/1-928 | O-Ring KLX | | |
| <input type="checkbox"/> 572744-17 | Filter Element | <input type="text" value="2"/> | EA |
| <input type="checkbox"/> MIS20995C20SS | Wire Safety | <input type="text" value="1"/> | EA |
| <input type="checkbox"/> 1387 | Lock Wire Seal | <input type="text" value="2"/> | EA |
| <input type="checkbox"/> M83248/1-906 | O-Ring KLX | <input type="text" value="2"/> | EA |

Buttons: Add Part, Add, Create

6.24.5 COMPONENT REPLACEMENT LIST



6.24.6 CREATE COMPONENT REPLACEMENT FOR AIRCRAFT PACKAGES

Task Card Details Component Replacement | LC-026078-2020 | 1 | Planned

| Task Description | Exec. Doc # / Type | Maint. Object | Work Center/Station | CR # | CR Status |
|------------------|-----------------------|-----------------|---------------------|------|-----------|
| GXCXCB | LC-026078-2020/Log... | Js-101/A320-211 | YUL-100-00/YUL | | |

Replace | **Install** | **Remove**

Position # | I Level # | Quantity | Object Type (Component)

Removed Part # | Removed Serial #

Reason # | Removal Remarks

Additional Info

| | | |
|-------------------|------------------------------------|----------------|
| Confirmed failure | Performed By (00000001) | Work Requested |
| SOS Disposition | Date&Time (2020-02-13 04:57:00 AM) | |

Install
Please click to add attach part details

Attachments

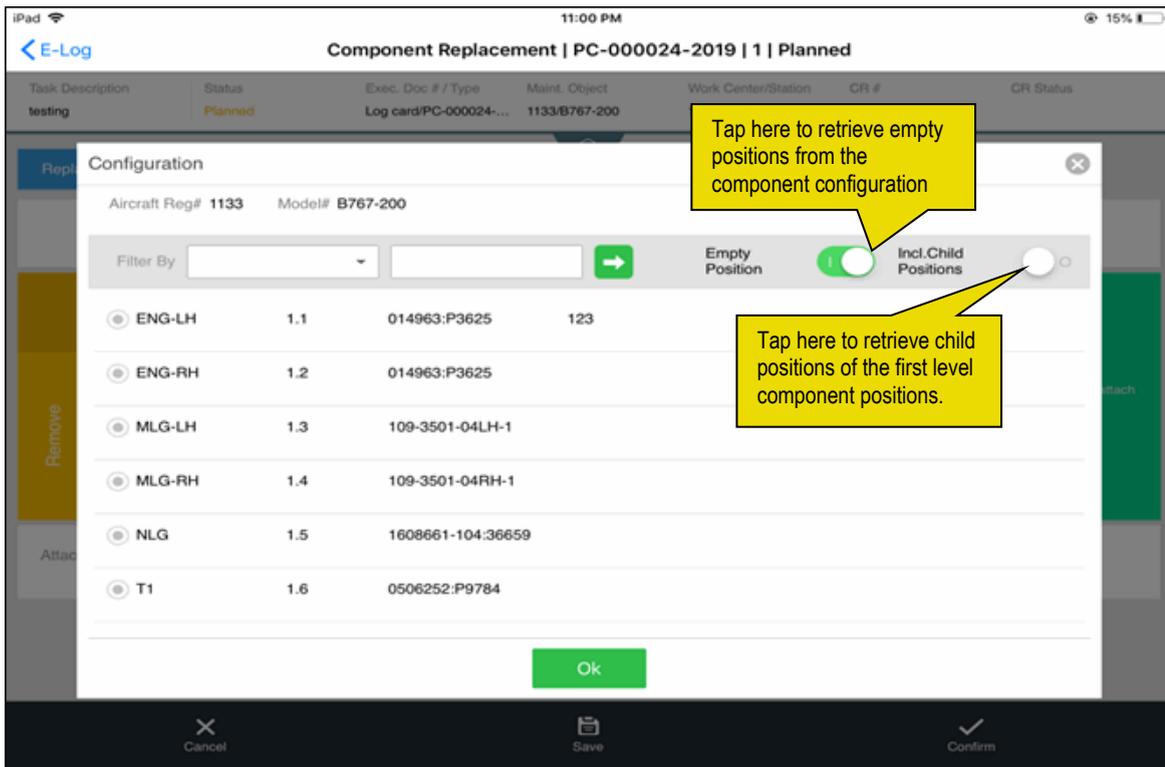
Cancel | Save | Confirm

Callouts:

- Tap here to replace part in position (points to Replace button)
- Tap here to remove a part from a position (points to Remove button)
- Tap here to install part in empty position (points to Install button)
- Tap here to open the Configuration Help popup for component (points to Removed Part # field)

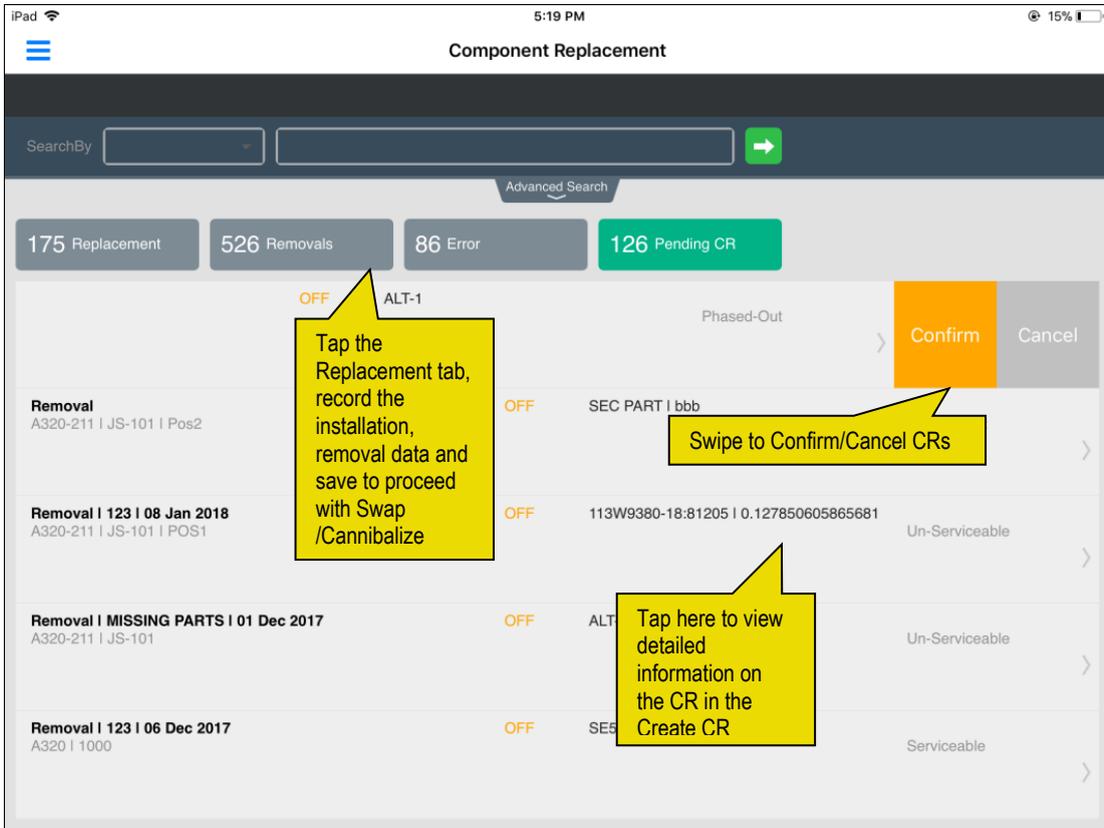
6.24.7 CREATING COMPONENT REPLACEMENT FOR SHOP WORK ORDERS

6.24.8 VIEWING COMPONENT CONFIGURATION

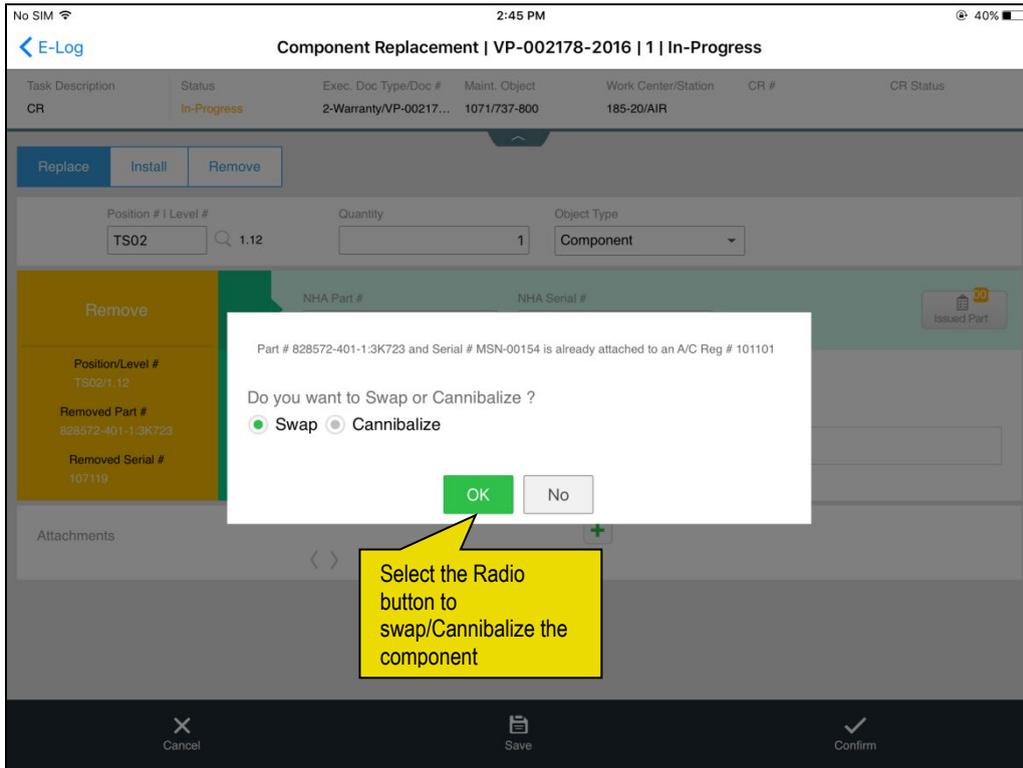


6.24.9 COMPONENT REPLACEMENT – CONFIRM / CANCEL

1. Tap **Component Replacement** in the Hamburger menu. You can also reach this page from the E-Log/Task Card Details / Discrepancy Card Details page.



6.24.10 COMPONENT REPLACEMENT – SWAP / CANNIBALIZE

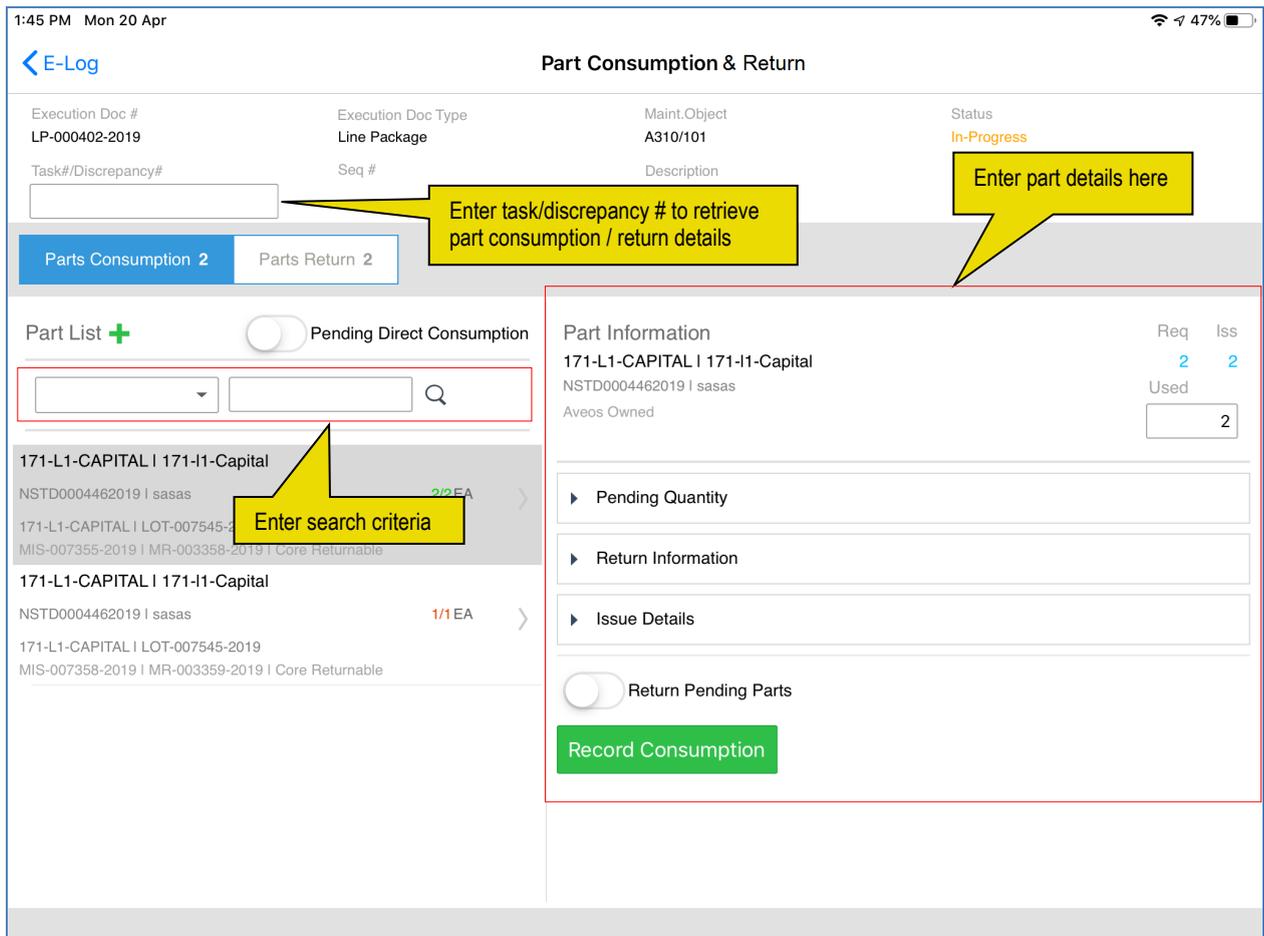


6.24.11 PART CONSUMPTION & RETURN

You can record the following consumption and return against a task/discrepancy in the package in this screen:

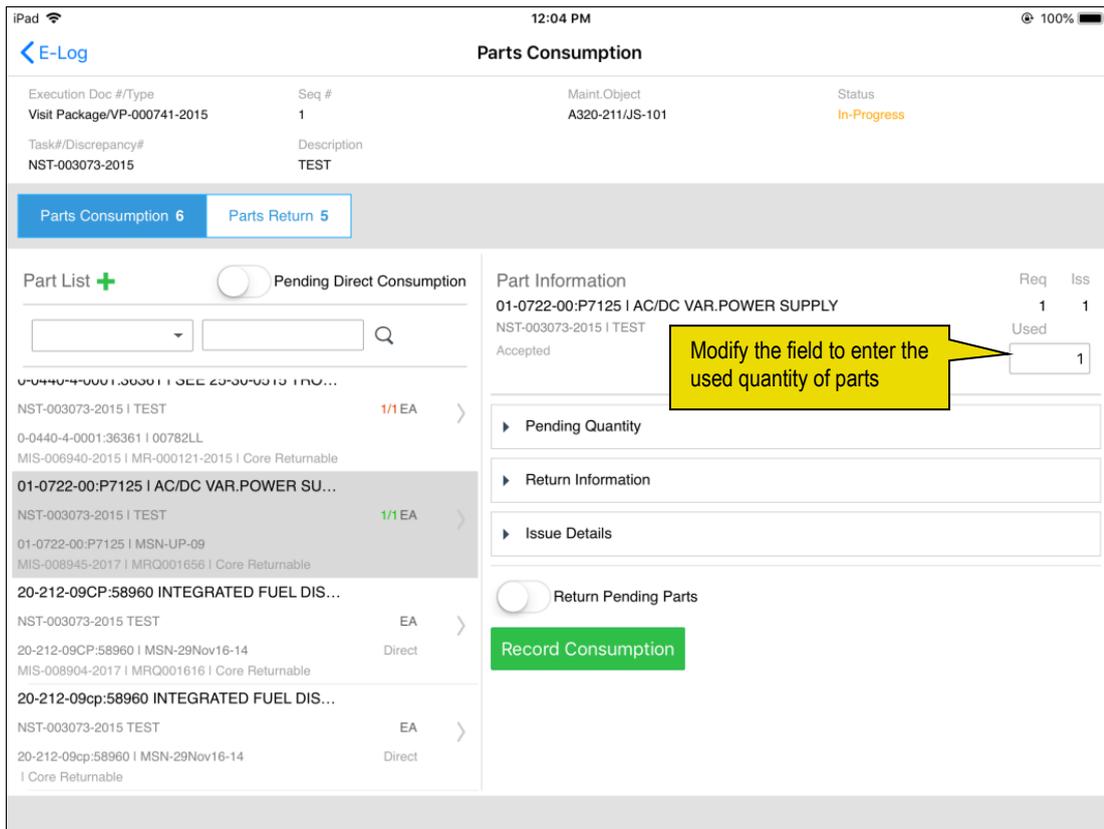
- ▶ Direct Part Consumption
- ▶ Excess returns
- ▶ Removed Core returns
- ▶ Different serial # /lot #against issued cores
- ▶ Additional core return

6.24.12 PART CONSUMPTION & RETURN

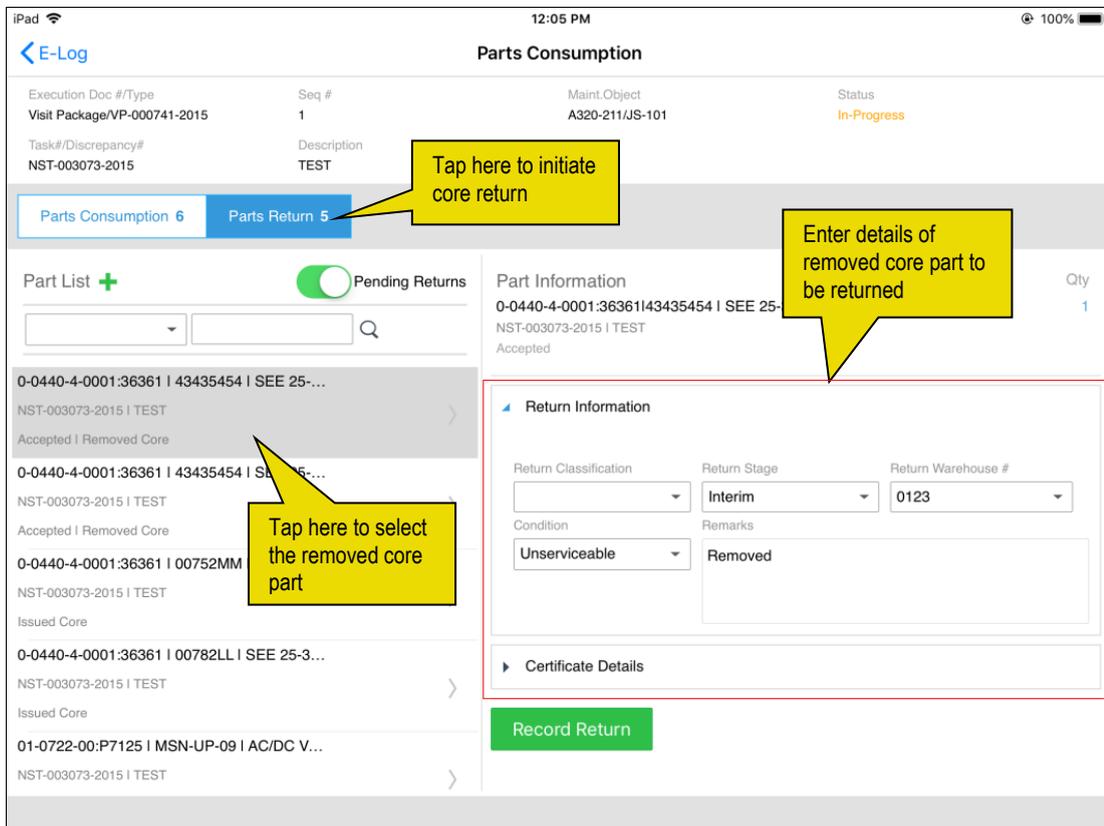


Note: From the execution document (AME or SWO), the tasks in the 'Planned', 'In-Progress' or 'Completed' status and the discrepancies in the 'Under Resolution', 'Pending Deferral', 'Deferred' or 'Closed' status are retrieved by in Smart Search in the Task #/Discrepancy # field.

6.24.13 EXCESS RETURN



6.24.14 REMOVED CORE RETURN



6.24.15 DIFFERENT SERIAL # /LOT #AGAINST ISSUED CORES

The screenshot displays the 'Parts Consumption' screen in the MechanicAnywhere APP. At the top, it shows the execution document 'Visit Package/VP-000741-2015', sequence number '1', maintenance object 'A320-211/JS-101', and status 'In-Progress'. Below this, there are tabs for 'Parts Consumption 6' and 'Parts Return 5'. A callout points to the 'Parts Return 5' tab with the text 'Tap here to initiate part return'. The main area is divided into a 'Part List' on the left and a 'Return Information' form on the right. The 'Part List' shows several parts, with one highlighted: '0-0440-4-0001:36361 | 00752MM | SEE 25-...'. A callout points to this part with the text 'Tap here to select the issued part'. The 'Return Information' form contains fields for 'Part #' (0-0440-4-0001:36361), 'Return Serial/Lot Type' (Existing), 'Return Classification' (Interim), and 'Return Warehouse #' (0123). A callout points to the 'Part #' field with the text 'Enter details of part with different serial # / lot #to be returned'. At the bottom of the form is a 'Record Return' button.

6.24.16 ADDITIONAL CORE RETURN

Parts Consumption

Execution Doc #/Type: Visit Package/VP-000741-2015
Task#/Discrepancy#: NST-003073-2015

Ser.#: [Blank]
Maint.Object: A320-211/JS-101
Status: In-Progress

Parts Consumption 6 | **Parts Return 5**

Part Return Information

| | | |
|---------------------------------------|----------------------|-----------------------|
| Rem/Return Part # | Part Description | UOM |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Mfr.Serial#/Serial# | Mfr.Lot#/Lot# | Return Quantity |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Stock Status | Warehouse | Return Classification |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Return Condition | Remarks | |
| <input type="text"/> | <input type="text"/> | |
| Return Serial/Lot Type | <input type="text"/> | |
| <input type="text" value="Existing"/> | | |

▶ Certificate Details

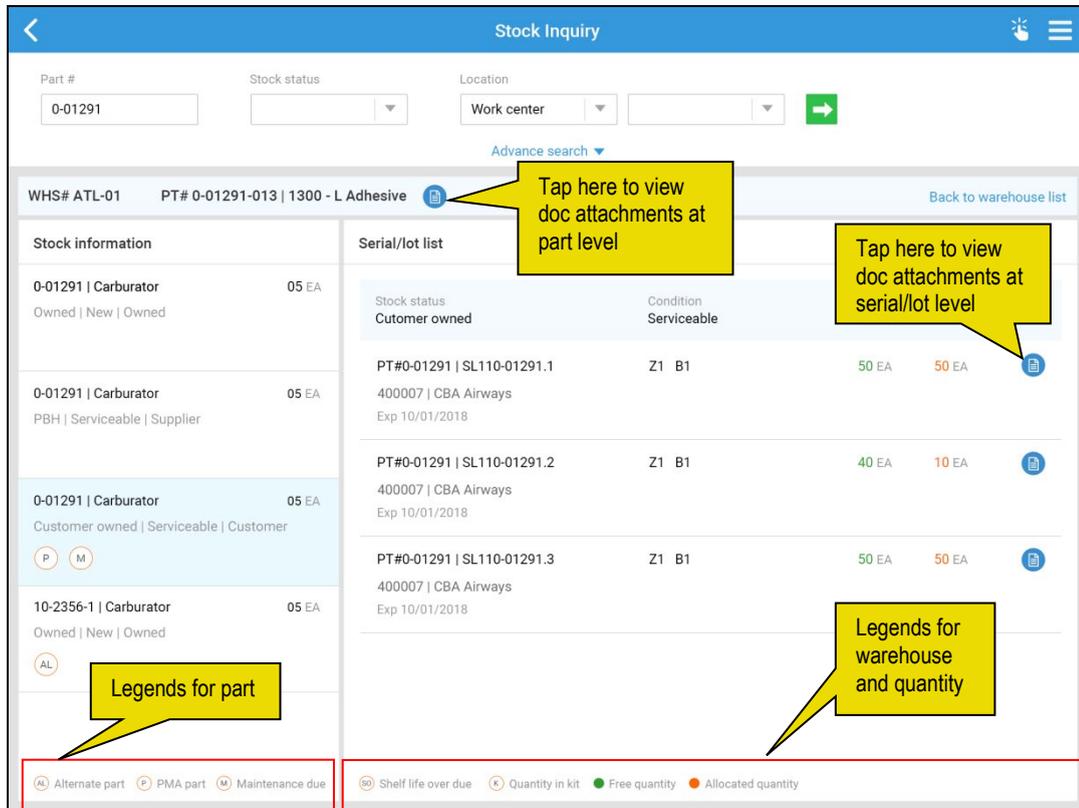
Record Return

Part List + Pending Returns

- 0-0440-4-0001:36361 | 43435454 | SEE 25-...
NST-003073-2015 | TEST
Accepted | Removed Core
- 0-0440-4-0001:36361 | 43435454 | SEE 25-...
NST-003073-2015 | TEST
Accepted | Removed Core
- 0-0440-4-0001:36361 | 00752MM | SEE 25-...
NST-003073-2015 | TEST
Issued Core
- 0-0440-4-0001:36361 | 00782LL | SEE 25-3-...
NST-003073-2015 | TEST
Issued Core
- 01-0722-00:P7125 | MSN-UP-09 | AC/DC V...
NST-003073-2015 | TEST

6.25 STOCK INQUIRY

1. Tap on Stock Inquiry in the Hamburger menu. The Stock Inquiry page appears. See Figure

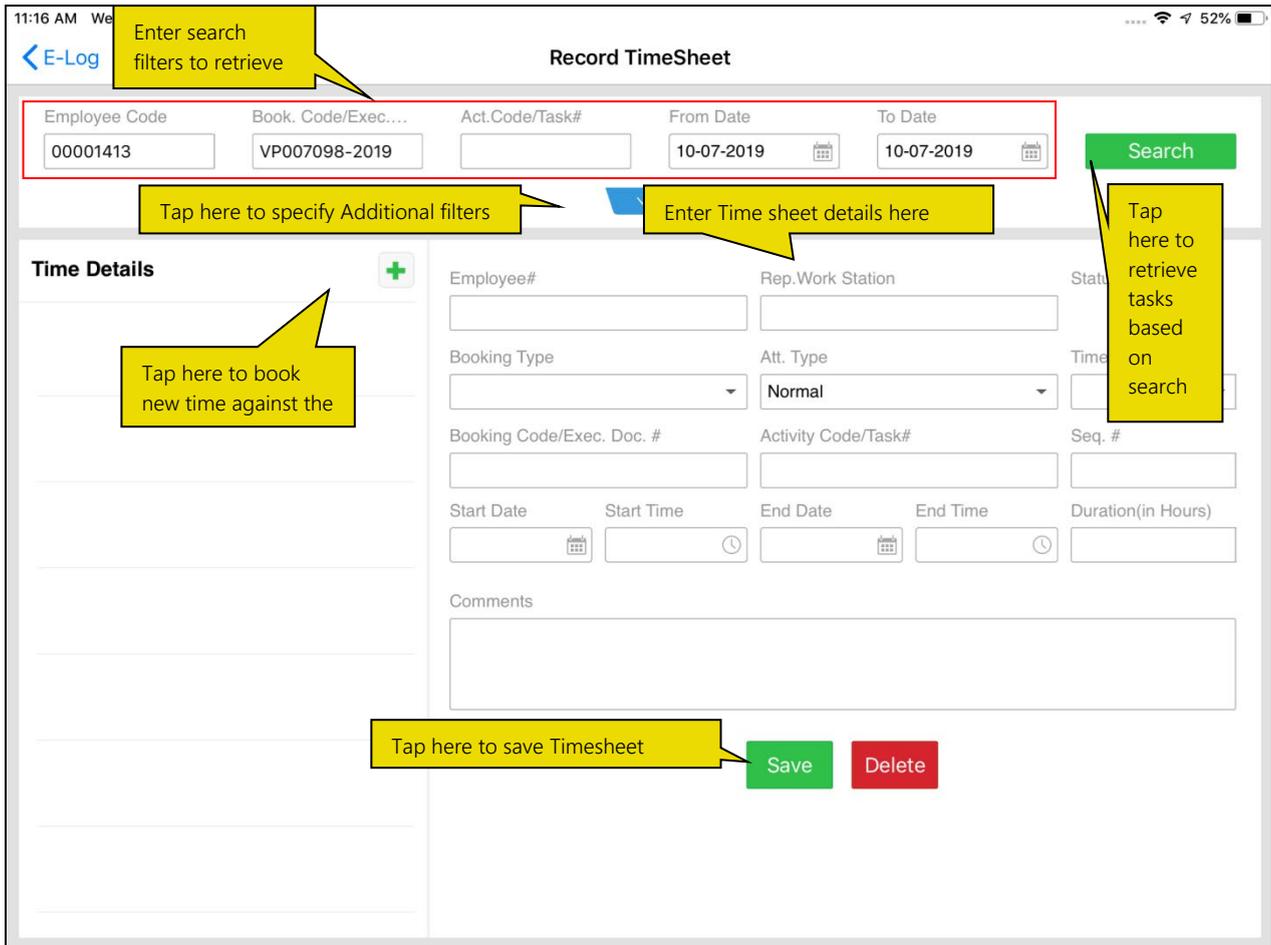


Note: The process parameter "Default Alt. Part toggle in Stock Inquiry of Mech Anywhere" under the entity type Mobility and the entity MechanicAnywhere is set as 1 for Allowed in the Define Process Entities activity of Common Master, the "Incl. alternates" toggle will be enabled on launch of the page.

6.26 RECORD TIMESHEET

You can record time sheet for tasks / discrepancies from **E-Log**, **Task Card Details** and **Discrepancy Card Details** pages.

1. Tap in in the above mentioned pages. The **Record Timesheet** page appears as represented in the next page.



6.26.1 SELECT / MODIFY / VIEW CORRECTIVE ACTION

10:59 AM Fri 31 May 77%

< Discrepancy Card 789900255233 Record TimeSheet

Employee

Employee Code: 00001413 | Book. Code/Exec...: 789900255232 | Act. Code/Task#: 789900255233 | From Date: 31-May-2019 | To Date: 31-May-2019 | Search

789900255232
Discrepancy
31 May 2019 RICHARD

Select a Corrective Action

| Discrepancy | Type | Description |
|--------------------------|-------|-------------|
| 789900255233 | MIREP | Discrepancy |
| CA1 00001413 dmuser | | |
| CA2 00001413 dmuser | | |
| CA3 00001413 dmuser | | |

Time booked for corrective action against discrepancy

Time not booked for the corrective actions against

Seq. #
Duration(In Hours)

Save Delete

6.27 RECORD INDIVIDUAL TIME RECORDS AGAINST TASK / DISCREPANCY

1. Tap on the required time record under **Time Details** in the **Record Timesheet** page. The **Record Time** page appears as shown in the next image.

6:13 PM Tue 13 Aug

< E-Log **Record Time**

Employee# 00001413 Rep. Work Station AIR INDIA STATION Status

Booking Type AME Att. Type Normal Time Class.

Exec. Doc.# VP-003681-2019 Task #/Discrep. # Tasas Seq. # 1

Start Date 13/08/2019 Start Time End Date 13/08/2019 End Time Duration (in Hours)

Comments

The fields in the screen will be defaulted based on the selected task / discrepancy

The users need to update only these fields

Save Clear

6.27.1 MODIFY/VIEW INDIVIDUAL TIME RECORDS AGAINST A TASK / DISCREPANCY

The screenshot shows the 'View Time' screen in the MechanicAnywhere app. At the top, there is a search bar with fields for Employee Code (00001413), Code/Task# (T-046417-2019), From Date (10-07-2019), and To Date (10-07-2019), along with a green 'Search' button. Below the search bar is a 'Time Details' list on the left and a form on the right. A yellow callout points to the search bar area, stating: 'All the time bookings for the selected task / discrepancy will be displayed here'. Another yellow callout points to the first item in the 'Time Details' list, stating: 'Tap here to view details in the right window'. The 'Time Details' list shows a single entry: 'VP007168-2019' with a duration of '0.01 Hrs' and the text 'TASK-2' and '10 Jul 2019 RICHARD RAM-00001413'. The form on the right contains fields for Employee#, Rep. Work Station (Montreal), Status (Fresh), Booking Type (AME), Att. Type (Normal), Time Class., Exec. Doc.# (VP007168-2019), Task #/Discrep. # (NST-046417-2019), Seq. # (1), Start Date (10-07-2019), Start Time (11:39:33), End Date (10-07-2019), End Time (11:41:03), and Duration (0.01). There is a 'Comments' text area and 'Save' and 'Delete' buttons at the bottom.

| Employee# | Rep. Work Station | Status |
|-----------|-------------------|--------|
| 00001413 | Montreal | Fresh |

| Booking Type | Att. Type | Time Class. |
|--------------|-----------|-------------|
| AME | Normal | |

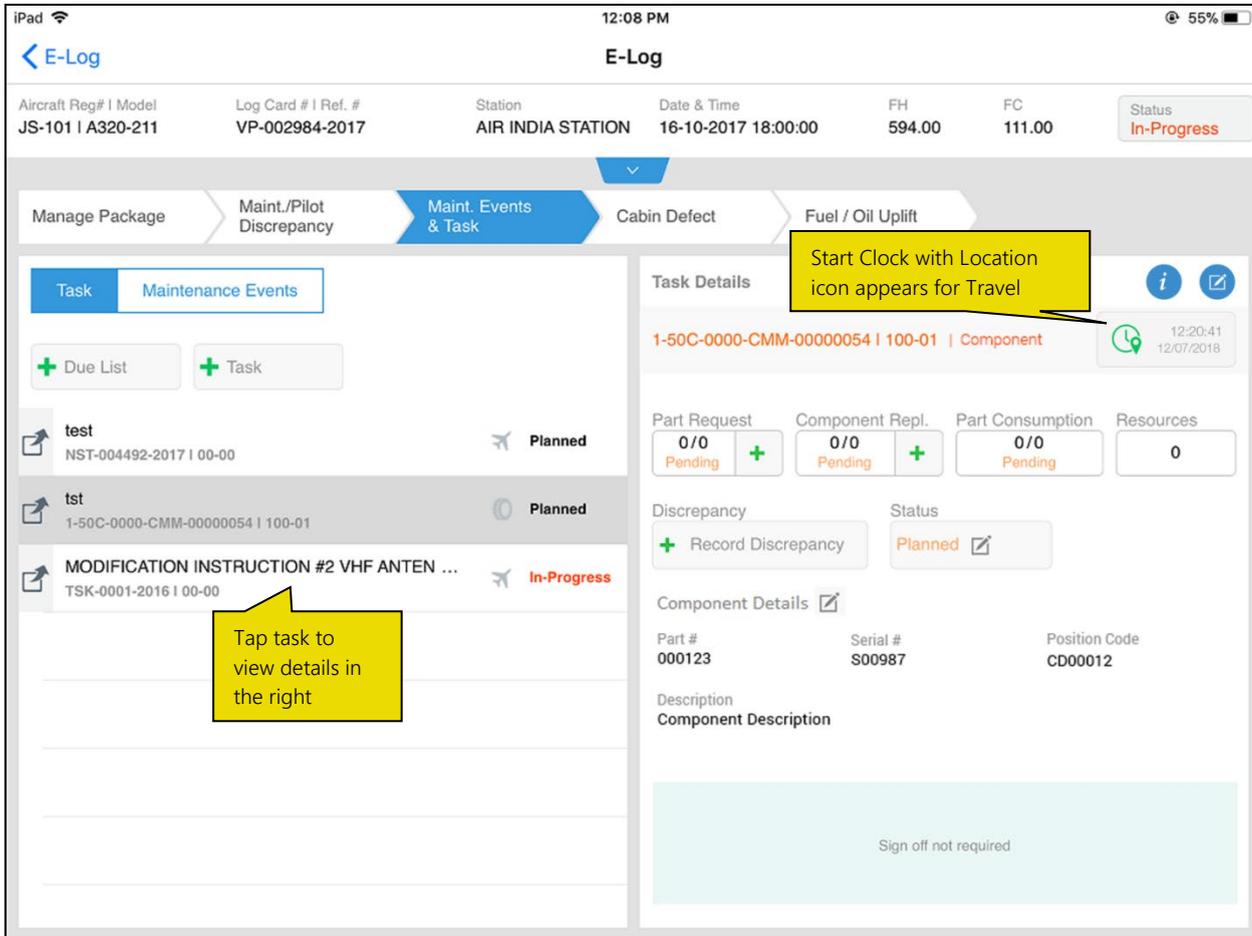
| Exec. Doc.# | Task #/Discrep. # | Seq. # |
|---------------|-------------------|--------|
| VP007168-2019 | NST-046417-2019 | 1 |

| Start Date | Start Time | End Date | End Time | Duration(in Hours) |
|------------|------------|------------|----------|--------------------|
| 10-07-2019 | 11:39:33 | 10-07-2019 | 11:41:03 | 0.01 |

6.28 BOOK TIME FOR TRAVEL TASKS USING CLOCK

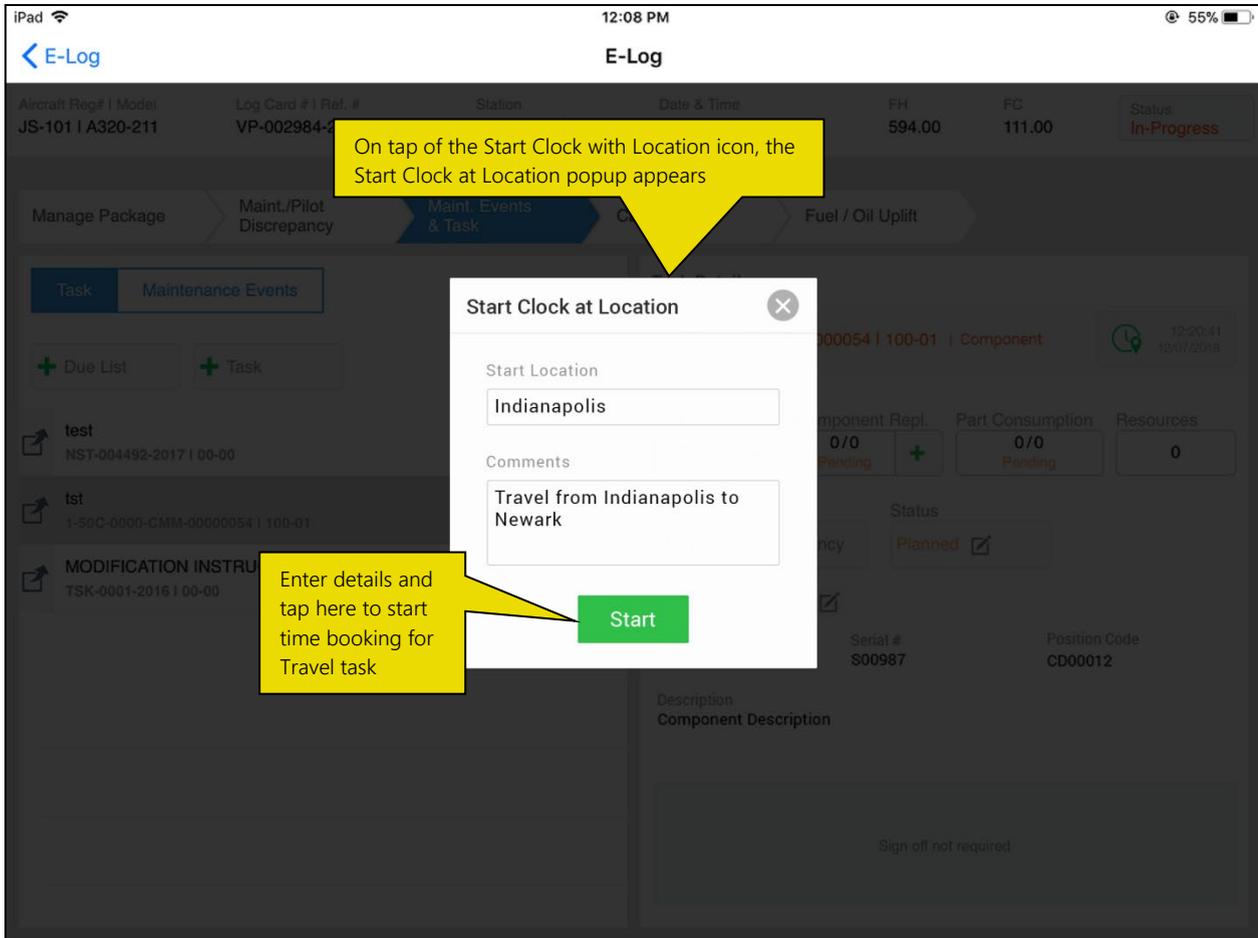
You can record time sheet for the Travel tasks from **E-Log**, **Task Card Details** and **Discrepancy Card Details** pages.

1. Tap  to start time for the Travel task in the **Task** tab of the **Maint. Events** page. The **Start Clock at Location** popup appears as shown in the image in the next page.



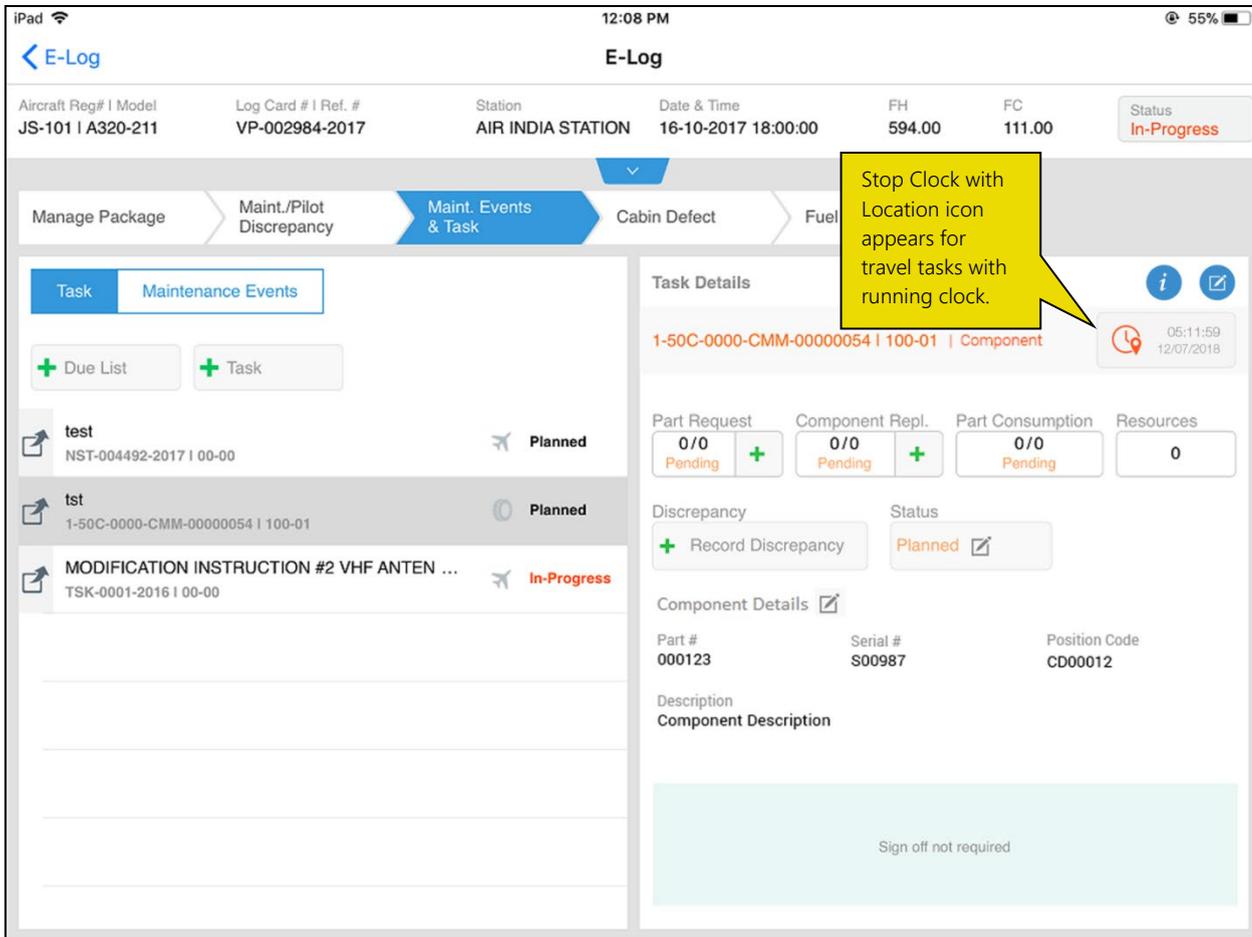
6.28.1 START CLOCK FOR TRAVEL TASKS

1. Tap  to start time for the Travel task in the **Task** tab of the **Maint. Events** page. The **Start Clock at Location** popup appears as shown in the image in the next page.



6.28.2 STOP CLOCK FOR TRAVEL TASKS

2. Tap  to stop time for the Travel task in the **Task** tab of the **Maint. Events** page. The **Stop Clock at Location** popup appears as shown in the image in the next page.



6.28.3 THE STOP CLOCK AT LOCATION POPUP

The screenshot displays the 'E-Log' interface on an iPad. A 'Stop Clock at Location' popup is centered on the screen. The popup contains the following fields:

- Start Date & Time:** 12/07/2018 12:20:41 PM
- Start Location:** Indianapolis
- End Date & Time:** 12/07/2018 05:11:59 PM
- End Location:** Newark
- Comments:** Travel from Indianapolis to Newark

A red 'Stop' button is located at the bottom of the popup. The background shows a table of flight logs with columns for Aircraft Reg#/Model, Time, FH, FC, and Status. The status of the selected flight is 'In-Progress'.

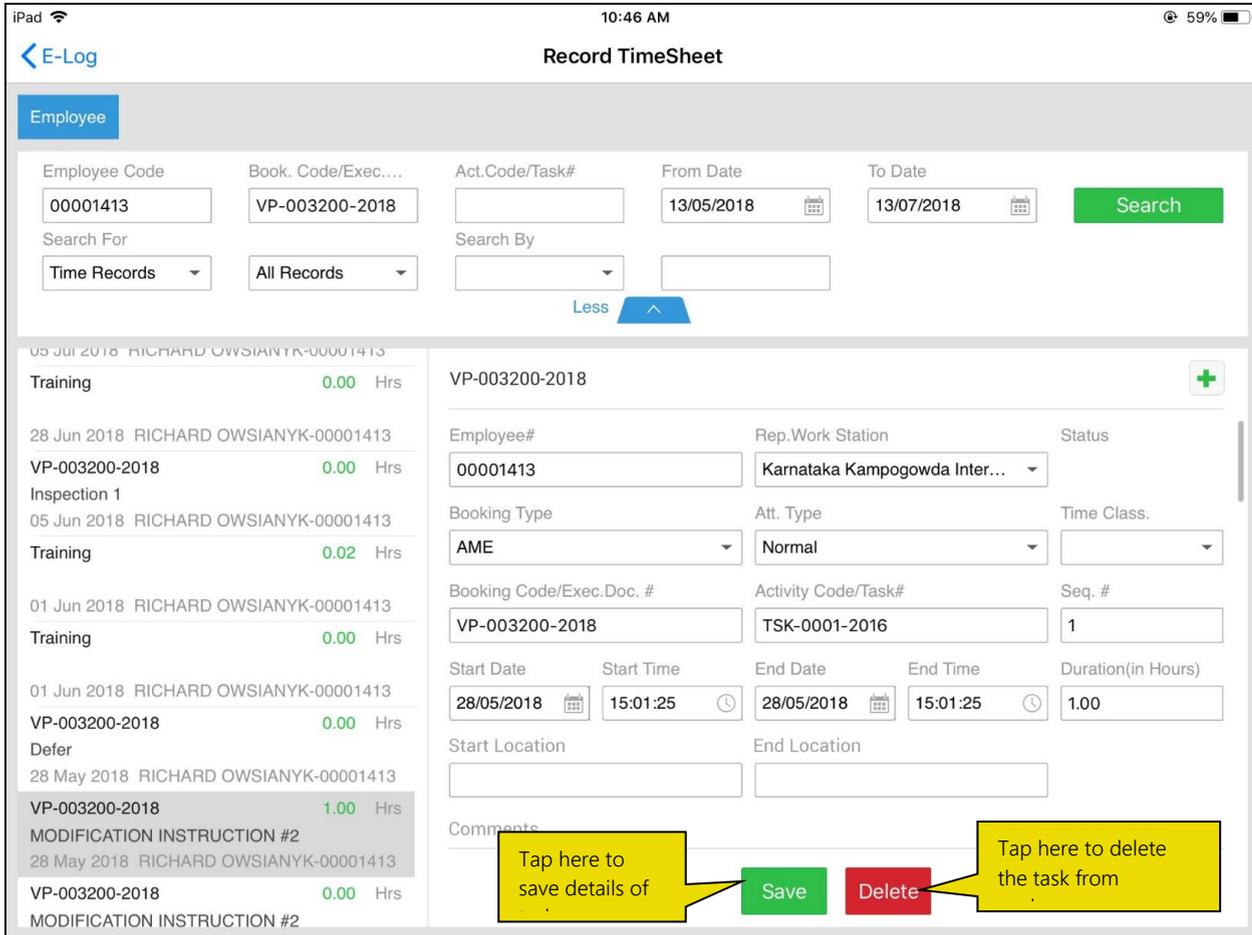
Callout boxes provide the following information:

- Top-left:** On tap of the Stop Clock with Location icon, the Stop Clock at Location popup appears
- Top-right:** Defaults from the Start Clock at Location popup. You can change these fields, if
- Left:** Defaults the current date and time in the time zone of the station / work center in which the package is currently under execution. You can change this field, if required.
- Right:** Enter end location
- Bottom-left:** Enter details and tap here to stop time booking for travel
- Bottom-right:** Defaulted from the Start Clock at Location popup. You can change this field, if required.

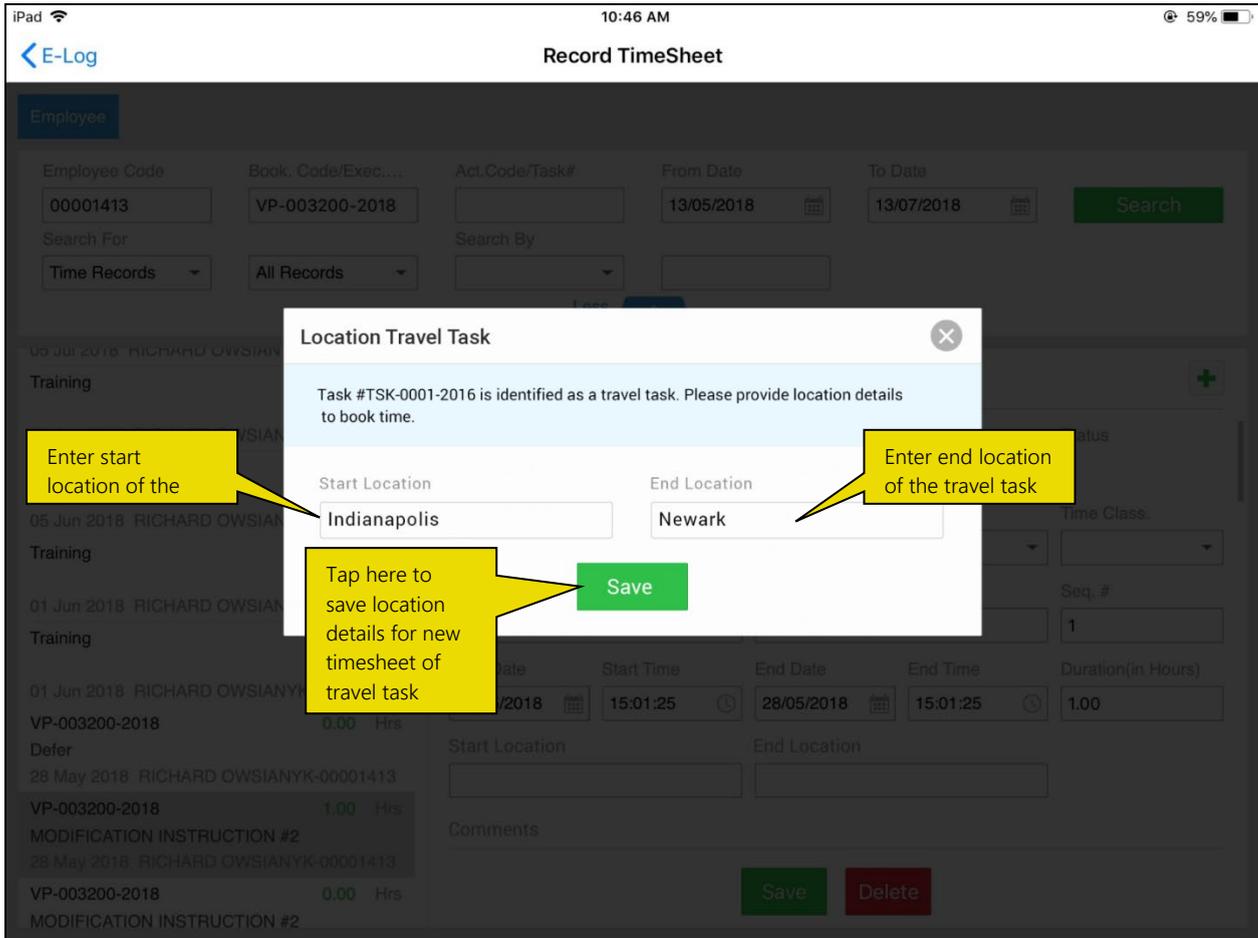
6.28.4 RECORD TIMESHEET FOR TASKS

You can record timesheet for tasks / discrepancies manually in the **Record Timesheet** page. This implies you are required to specify the start and end dates/times of execution of the task. However, for Travel tasks, two additional fields - **Start Location** and **End Location** appear in the page.

1. Tap **Record Timesheet** in the **Hamburger** menu. The **Record Timesheet** page appears as represented in the next figure.

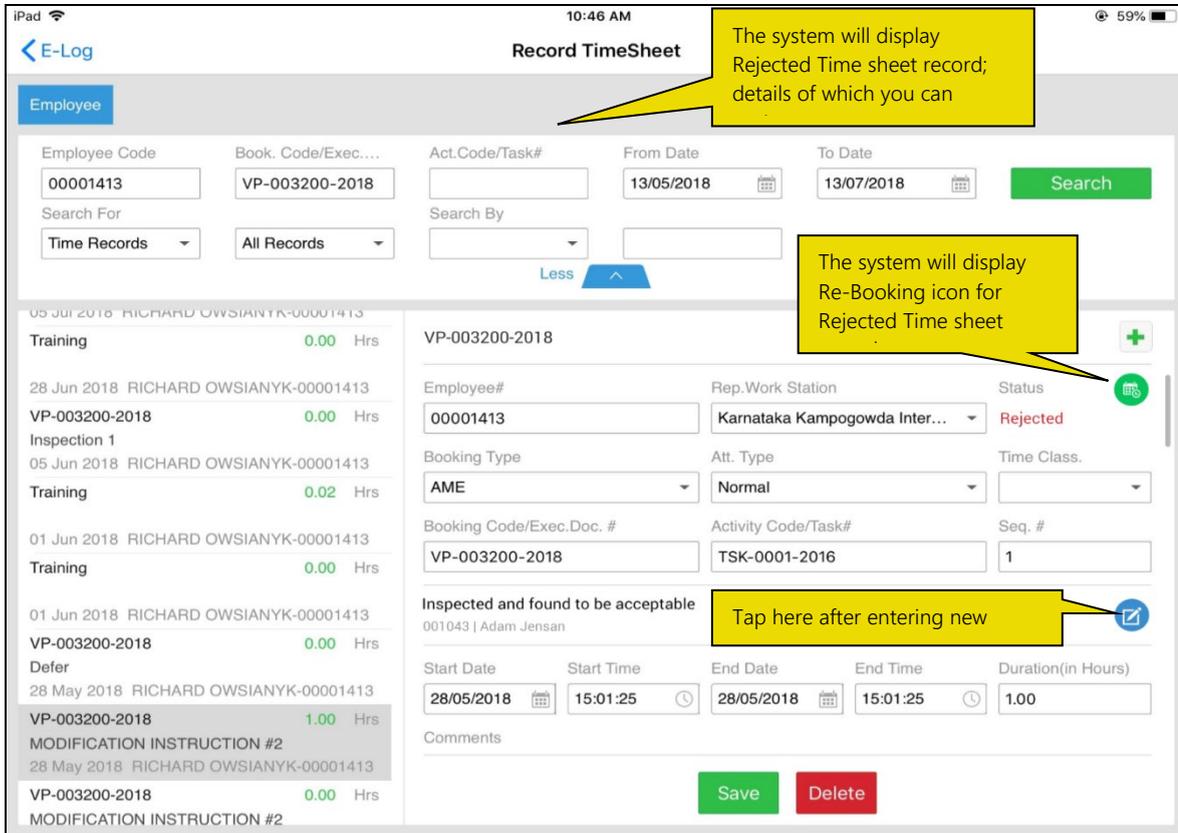


6.28.5 THE LOCATION TRAVEL TASK POPUP FOR MANUAL TRAVEL TASK BOOKING



6.29 REBOOKING REJECTED TIMEBOOKING

On tap of **Rejected Time booking Notification on the iPad**, MechanicAnywhere will launch the **Record Time Sheet** screen with the time sheet record with the Re-booking option.



6.30 VIEWING WORK ASSIGNMENTS AND WORK ACTUALS IN CALENDAR

The **My Calendar** drop-down list box displays the calendars associated with the login user and also his/her direct reports in an alphabetical order. The users can select the calendar of their choice and view the information in the calendar format.

The **ToDo** tab displays the following data:

- ▶ The tasks/discrepancies assigned/associated to the login user that are in the 'Planned' or 'In-Progress' status in the selected date range.
- ▶ The material requests with Need Date falling in the selected date range for All Day view on top.
- ▶ The notifications based on the 'Remind me Later' date falling in the selected date range for All Day view on top.

This section will display the information in the Calendar format based on chronological order in the period between the selected date ranges. The Calendar section for the To Do tab will display the Assigned and My jobs available against the login user in the Planned or In-Progress status.

The **Actuals** tab displays the tasks / discrepancies assigned/associated to the login user in all the statuses except the following statuses: Planned, Cancelled, Deferred and Duplicate assigned to the login user in the period encompassing the selected date range.

Similarly, the Calendar section for the **Actuals** tab will display the **Assigned** and **My jobs** in all the statuses other than Planned, Cancelled, Deferred and Duplicate for the login user.

The table below illustrates the basis for data retrieval and display in both **To Do** and **Actual** tabs in detail:-

| Tabs | Retrieved Data shows | Basis for display of retrieved data in Calendar |
|--|---|--|
| To Do | All assigned jobs for the login user that are in 'Planned' or 'In-Progress' status | 'Assigned Start Date & Time' and 'Assigned End Date & Time' of the task/discrepancy |
| | All My jobs of the login user that are in 'Planned' or 'In-Progress' status | 'Planned Start Date & Time' and 'Planned End Date & Time' of the task/discrepancy |
| | MR and Notification under 'All Day' view in Calendar | 1.For MR, 'Need Date' |
| 2.For Notification, 'Remind me later' date | | |
| Actuals | All my jobs for the login user that are in 'In-Progress' status | 'Actual Start Date & Time' and summation of 'Actual Start Date & Time and Est. Elapsed Time' as the end time of the task/discrepancy |
| | All My jobs for the login user in all statuses except Planned/ In-Progress/ Cancelled | 'Actual Start Date & Time' and 'Actual End Date & Time' of the task/discrepancy |

| | | |
|--|---|---|
| | All assigned jobs for the login user in all statuses except Planned/ Cancelled/ Duplicate | 'Assigned Start Date & Time' and 'Assigned End Date & Time' of the task/discrepancy |
|--|---|---|

My Jobs in the calendar for **ToDo** and **Actuals** include the following:

- ▶ Tasks/discrepancies for which the login user started the clock or booked timesheet
- ▶ Tasks/discrepancies the login user added to the package
- ▶ Tasks/discrepancies signed off by the login user (includes tasks / discrepancies even with one subtask / corrective action has been signed off)
- ▶ Tasks for which the login user has recorded execution comments
- ▶ Discrepancies for which the login user has recorded corrective action
- ▶ Tasks/discrepancies for which the login user has changed status
- ▶ Tasks / discrepancies for which the login user has raised a Material Request
- ▶ Tasks / discrepancies for which the login user has executed Component Replacements
- ▶ Tasks / discrepancies for which the login user has recorded parts consumption and return
- ▶ Tasks /discrepancies the login user has modified including Work Center / description/ sign off requirements change etc...

You can use the **My Calendar** drop-down list box to view the **Direct** reports that they have created previously.

Viewing Previous / Next Jobs

You can swipe left/right across the calendar to view the next/ previous corresponding day/week/month as per the view selected by taking into reference the date provided in the 'Date range' section along with all task/discrepancies for that day/week/month in the **Calendar** section.

6.30.1 THE CALENDAR PAGE

The screenshot shows the 'Calendar' page in the MechanicAnywhere app. On the left is a sidebar menu for user 'Wolfwood, Nicholas' with various task categories. The main area displays a calendar for '07 ~ 13 February 2020' with 'ToDo' and 'Actuals' tabs. Callouts point to the hamburger menu, the 'Calendar' menu item, the 'Calendar section' header, the 'Daily' view icon, the 'Monthly view' icon, and the 'Weekly view' icon.

9:38 AM Fri 7 Feb

Wolfwood, Nicholas
00000001
AIRCRAFT MECHANIC

OU - Role
RAMCO OU-ramcorole
Primary Work Center #
YUL-100-00

Assign/Review Employee Work

Calendar

To Do List

Execution Document

eLog

Task

Discrepancy

Component Replacement

Material Request

Calendar

ToDo Actuals

07 ~ 13 February 2020

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |

Tap here to open the Calendar

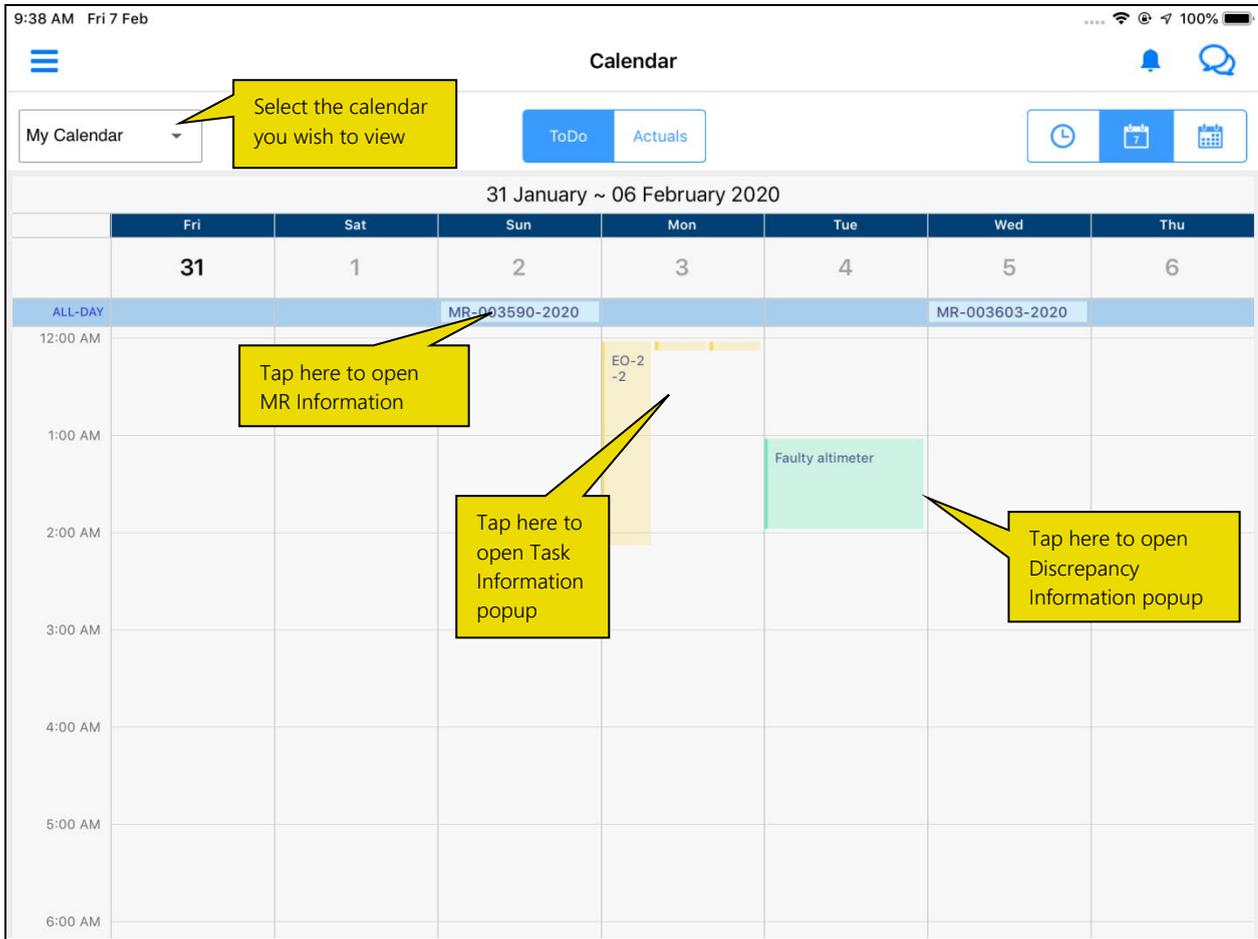
Tap here for Daily

Tap here for Monthly view

Tap here for Weekly view

6.30.2 TODO TAB IN CALENDAR

The **ToDo** tab displays the tasks / discrepancies in the Planned, Deferred or Duplicate status assigned to the login user in the period encompassing the selected date range.

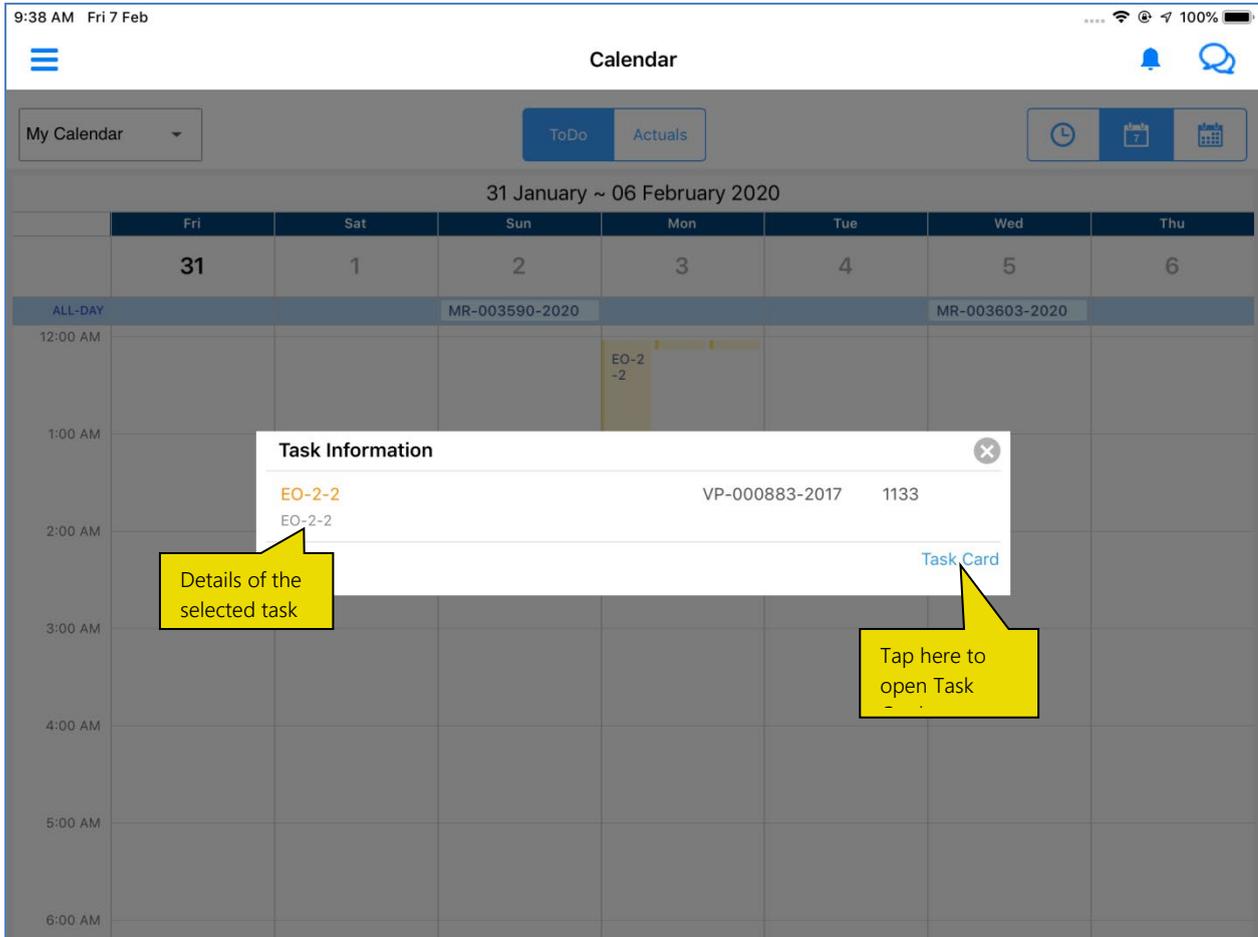


6.30.3 ACTUALS TAB IN CALENDAR

The **Actuals** tab displays the tasks / discrepancies assigned/associated to the login user in all the statuses except the following statuses: Planned, Cancelled, Deferred or Duplicate assigned to the login user in the period encompassing the selected date range in the calendar format.

6.30.4 CONTEXTUAL INFORMATION POPUPS –TASK INFORMATION

You can tap the task / discrepancy / material requests / component replacement / notification in the calendar under both the tabs to know more on the specific item. The relevant popup appears displaying more info on the selected item. For instance, on tap of a task, The Task Information popup appears. The popup displays brief information on the selected task. Likewise, popups for discrepancies, material requests, component replacements and notifications also open up showing key information on the selected item.



6.30.5 CONTEXTUAL INFORMATION POPUPS –DISCREPANCY INFORMATION

9:38 AM Fri 7 Feb

Calendar

My Calendar

To Do Actuals

31 January ~ 06 February 2020

| | Fri | Sat | Sun | Mon | Tue | Wed | Thu |
|----------|-----|-----|----------------|------------|-----|----------------|-----|
| | 31 | 1 | 2 | 3 | 4 | 5 | 6 |
| ALL-DAY | | | MR-003590-2020 | | | MR-003603-2020 | |
| 12:00 AM | | | | EO-2 -2 | | | |
| 1:00 AM | | | | | | | |
| 2:00 AM | | | | | | | |
| 3:00 AM | | | | | | | |
| 4:00 AM | | | | | | | |
| 5:00 AM | | | | | | | |
| 6:00 AM | | | | | | | |

Discrepancy Information

CDP-100461-2020 CSO000208-2019

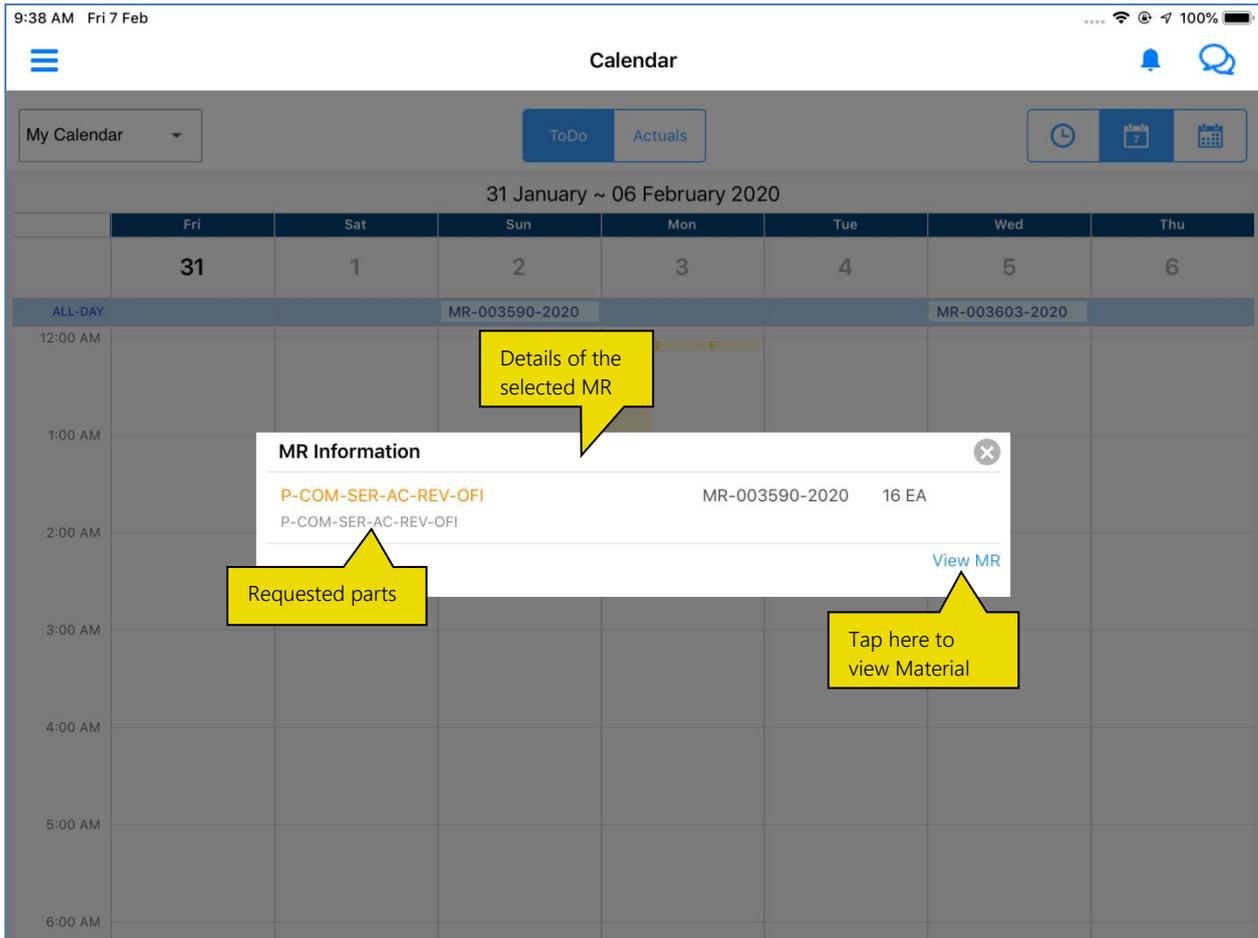
Faulty altimeter

Discrepancy Card

Details of the selected

Tap here to open Discrepancy Card

6.30.6 CONTEXTUAL INFORMATION POPUPS –MR INFORMATION



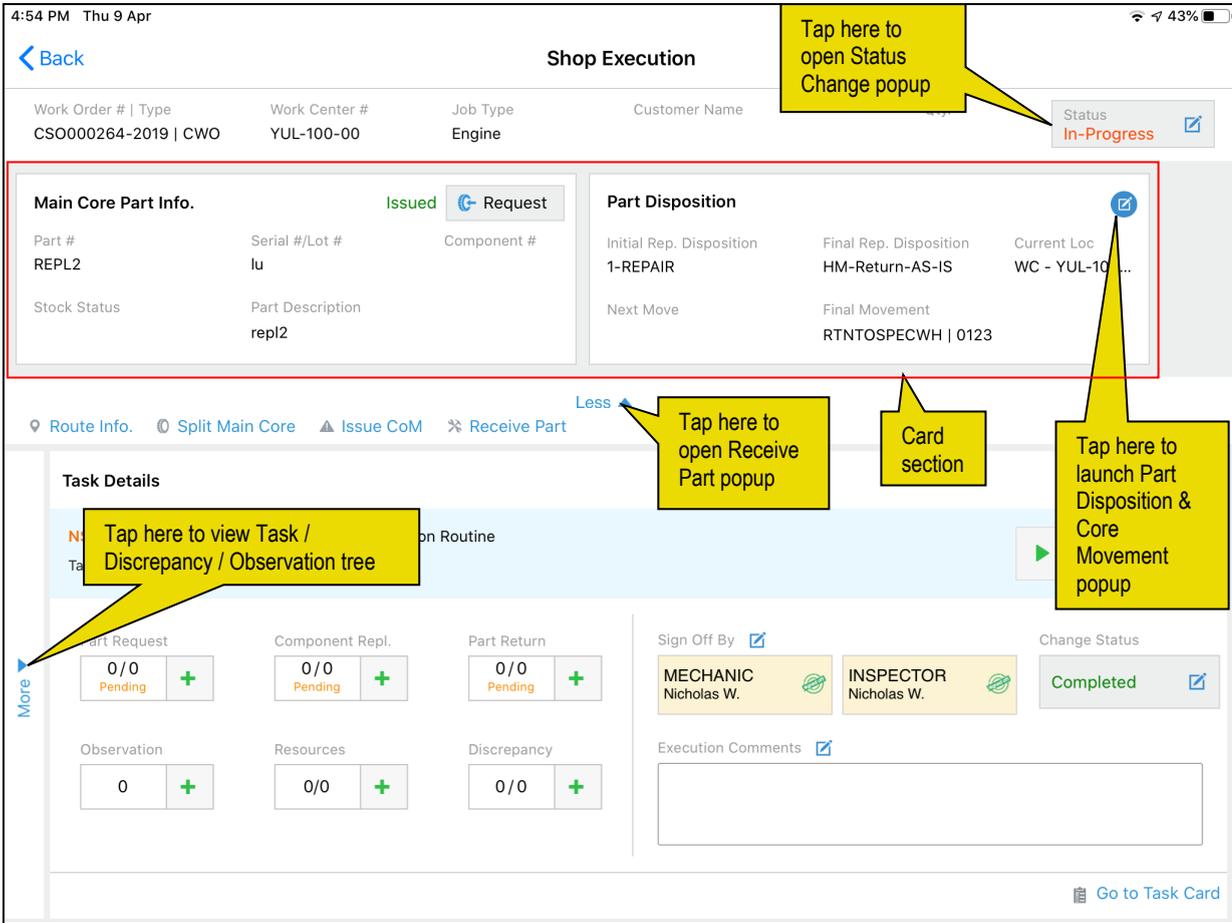
6.30.7 CONTEXTUAL INFORMATION POPUPS –NOTIFICATION INFORMATION

The screenshot shows a mobile calendar interface for the week of March 24-30, 2019. A notification popup is displayed over the calendar grid, titled "Notifications" with a close button (X). The notification text reads: "Purchase Order #PO-119221-2019 released for the Material Request #MR-008305-2019 for Aircraft Reg #VT-AMC." A yellow callout bubble points to the notification with the text "Details of the selected".

| Time | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|----------|--------|--------|---------|---|-------------------------------|-------------------------------------|---|
| All Day | | | | PO# PO-119... | | MR-00... MR-00... PO# PO-119... | |
| 08:00 AM | | | | | | | |
| 09:00 AM | | | | | | | |
| 10:00 AM | | | | areodynamics seals | Two day repetitive inspection | door cutout refine | DET FA seats for integrity and security |
| 11:00 AM | | | | Emergency LOC transmitter reprogramming | | MAU cleaning | |
| 12:00 AM | | | | | | | |
| 01:00 PM | | | | Emergency LOC transmitter | | EPIC software 25.5.0.1 installation | |

6.30.8 SHOP EXECUTION PAGE

1. Tap on the **Task count / Discrepancy count** in the **Execution Document Card** page. The **Shop Execution** page appears as represented in the next image.



Note: 1) The Card section be collapsed or expanded based on the value set for the process parameter "Collapse Document Info cards section by default in the Shop Execution page?" under the entity type Mobility and the entity MechanicAnywhere in the Define Process Entities activity of Common Master is set as 1 for Yes.

2) The cards in this section will be displayed based on the sequence of the numbers associated with the cards defined for the process parameter "Document Info cards display order in the Shop Execution page?" under the entity type Mobility and the entity MechanicAnywhere in the Define Process Entities activity of Common Master. Further, only those cards represented by numbers in the sequence will be displayed in the Card section. The cards of which the numbers are missing from the defined sequence will not be available for the users in the Card section.

3) Tap on the icon to open the relevant popup to create new documents / discrepancy against the task in context as illustrated below

| | | | |
|--|---|--|---|
| | Tap to record Observation | | Tap to record Observation against discrepancy |
| | Tap to record Component Replacement | | Tap to record Resources consumed |

| | | | |
|---------------------------------|---|----------------------|---|
| Part Return 0/0 Pending + | Tap + to record Part Return | Discrepancy 0/0 + | Tap + to report Discrepancy |
|---------------------------------|---|----------------------|---|

6.30.9 TREE VIEW OF SHOP WORK ORDERS

The left pane of the **Shop Execution** page displays the Tree view of the chosen shop work order. The nodes in the tree represent Tasks, Discrepancies and observations in a hierarchical manner. For example, under a task, the related sub tasks and discrepancies are depicted in the tree. The observations pertaining to a discrepancy are shown under the associated discrepancy node. The tasks and discrepancies created against a discrepancy are shown in the tree under that specific discrepancy node.

1. Tap **More** on the left of the **Shop Execution** page. The left pane appears as represented in the next image.

Shop Execution

Work Order# | Type: CWO-0000001-2019|CWO
 Work Center: BRP-Monitor
 Job Type: Component
 Description: Autogenerated from U/S Routing
 Qty: 01
 Status: Planned

Main Core Part Info. Pending Request Request

Part#: 001LG010450:K8081
 Serial/Lot#: SL-002310-2019
 Component: C0073

Part Disposition: Initial Rep. Disposition: Unserviceable, Final Rep. Disposition: Serviceable, Current Loc: C0073

Task & Discrepancies

| Task# / Description | Status |
|--|------------------|
| 1-50C-0000-CMM-00000054 00-00 Preliminary Inspection | Planned |
| 1-50C-0000-CMM-00000054 00-00 Preliminary Inspection | Completed |
| 1-50C-0000-CMM-00000054 00-00 Oil Pressure Check | Planned |
| 1-50C-0000-CMM-00000054 00-00 Oil Pressure Check | In-progress |
| DP-000324-2019 00-00 Pitot Tube replacement | Under Resolution |

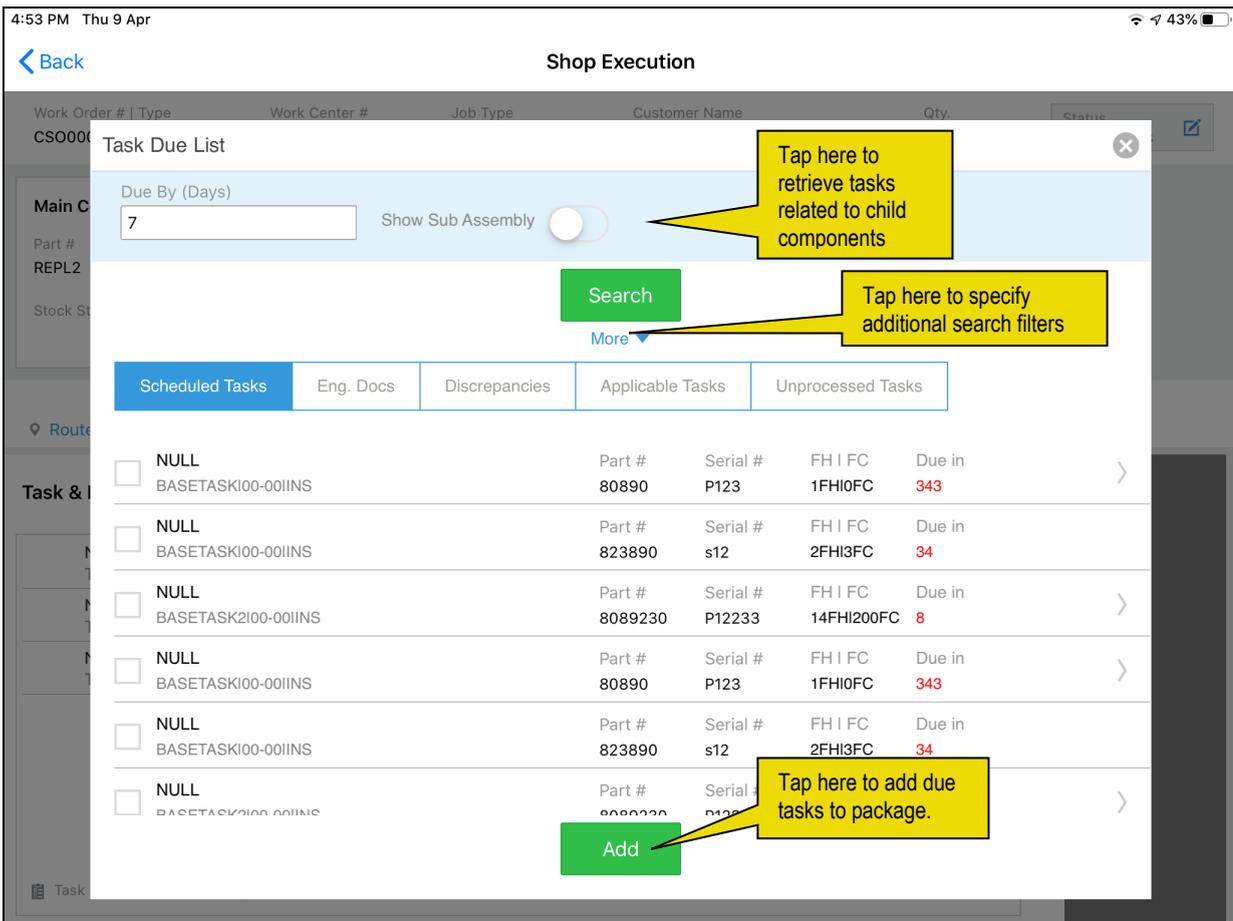
Legends displayed in tree: Task, Discrepancy, Observation

Load More 30

Go To Task Card

6.30.10 ADDING DUE TASKS TO PACKAGE

1. Tap the  button in the **Shop Execution** page. The **Task Due List** popup appears as represented in the next image.
2. To retrieve due tasks against the Main Core part, specify the Due By (Days) and then tap Search.
3. Tap **More** to specify additional search criteria to refine the search. The search retrieves tasks due against the Main Core part in the specified Due By (Days).
4. Tap **Add** to assign due tasks to the shop work order.

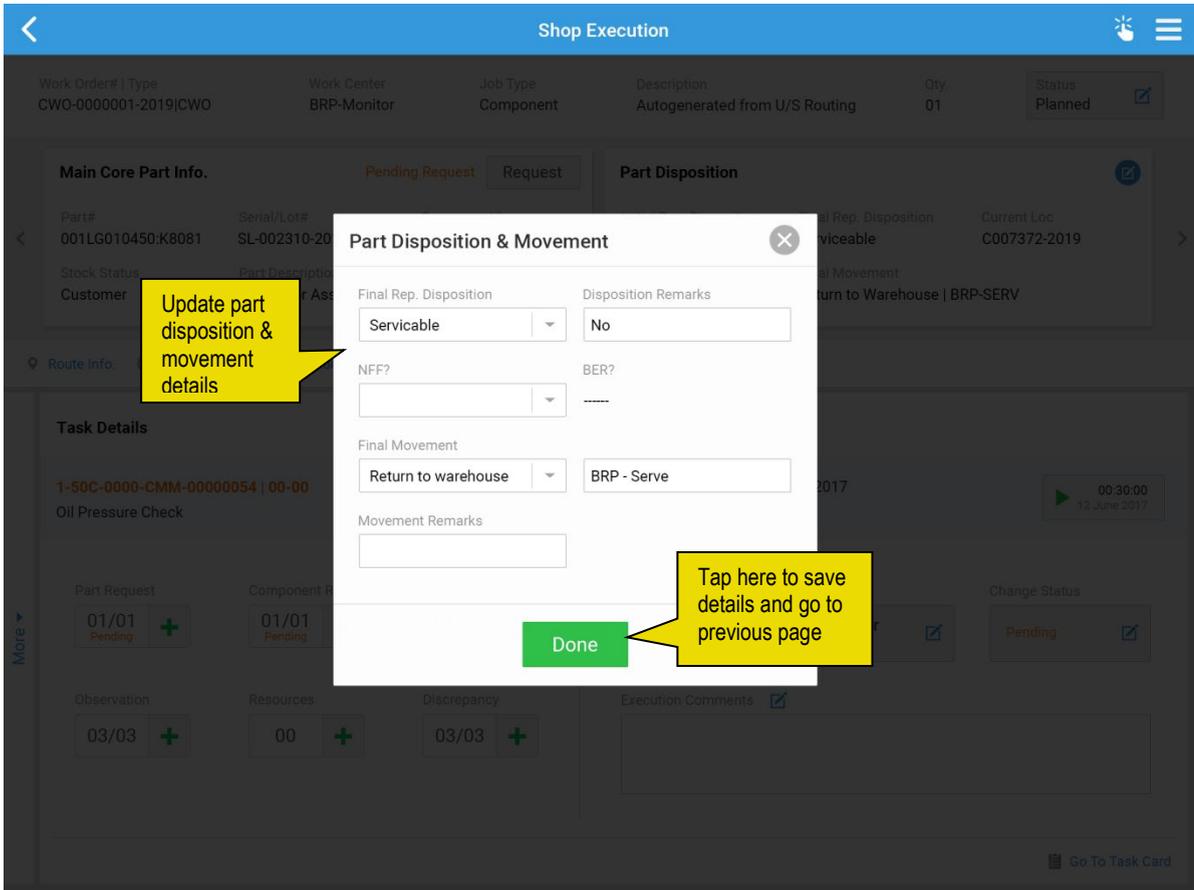


- ▶ Tap on **Scheduled Tasks** to view / add due tasks from the maintenance program.
- ▶ Tap on **Eng. Docs.** to view / add due tasks from the engineering orders.
- ▶ Tap on **Discrepancy** to view / add discrepancies against the task
- ▶ Tap on **Applicable Tasks** to view / add tasks effective for the Main Core part.
- ▶ Tap on **Unprocessed Tasks** to view / add tasks that have not been complied even once on the Main Core part from the maintenance program

Note: The tasks / discrepancies added from the Task Due List popup appear under relevant nodes in the tree in the left pane of the Shop Execution page.

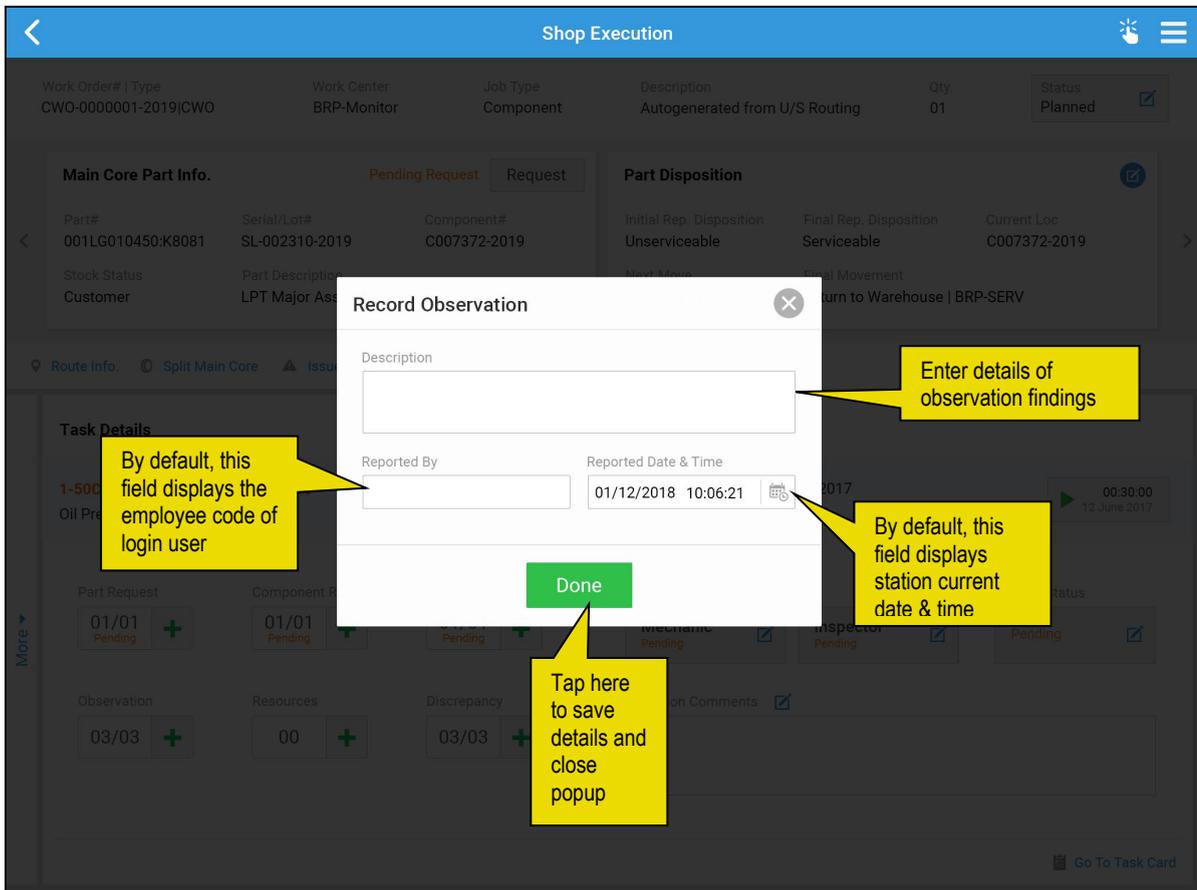
6.30.11 DISPOSITIONING AND MOVING MAIN CORE PART IN SHOP WORK ORDER

1. Tap in the **Part Disposition** card of the **Shop Execution** page. The **Part Disposition & Movement** popup appears. See Figure.
2. Update the final disposition and movement details for the Main Core part.
3. Update NFF and BER flags for the Main Core part.
4. Tap **Done** to save the input and return to the **Shop Execution** page.



6.30.12 RECORD OBSERVATION FOR DISCREPANCY

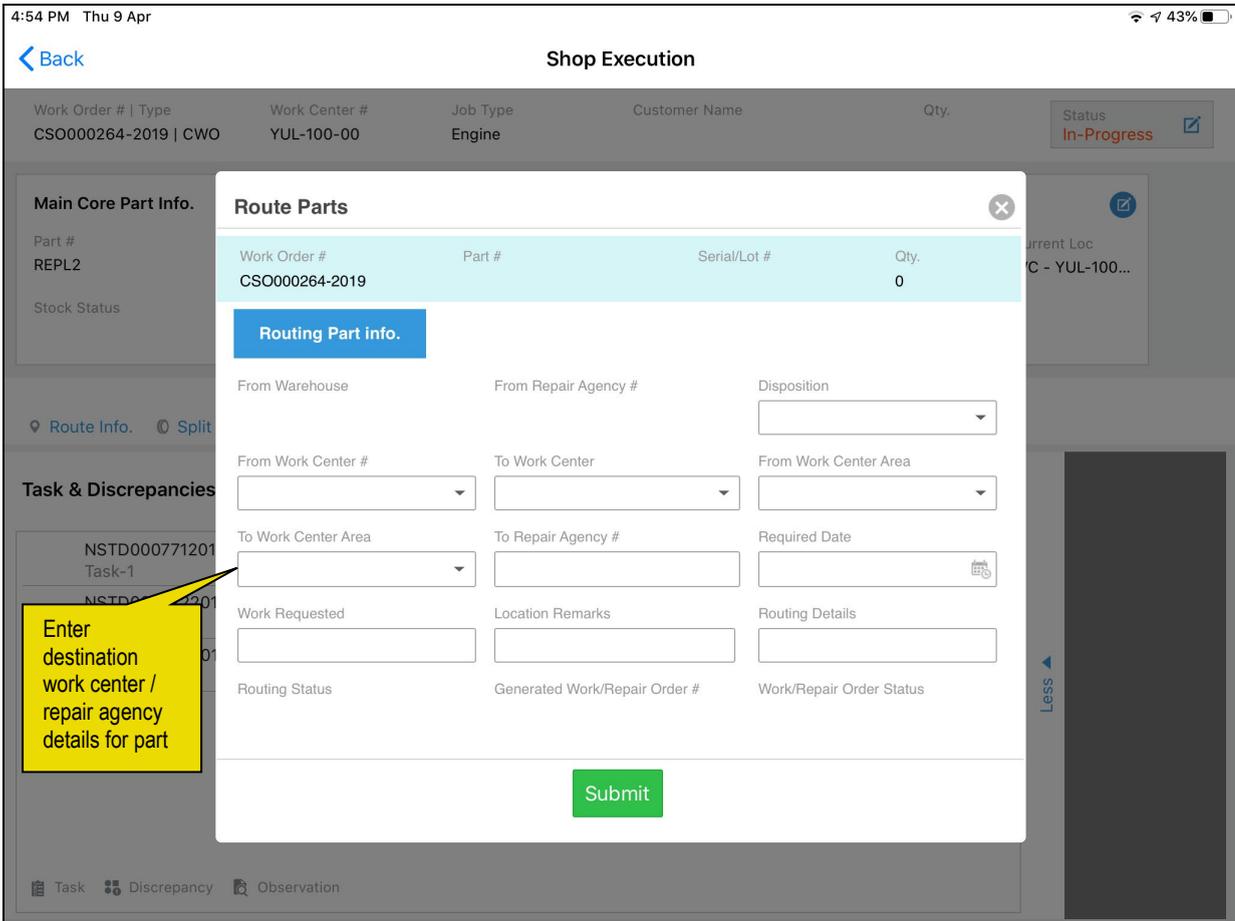
1. Tap  found alongside the **Observation** field for the discrepancy (selected in Tree) in the **Shop Execution** page. The **Record Observation** page appears as represented in the next image.
2. Enter Description of observation and details of the reported employee,
3. Tap **Done** to save input and go back to Shop Execution page.



 *Note: The newly recorded observation is listed under the Observation node in the Work Order tree.*

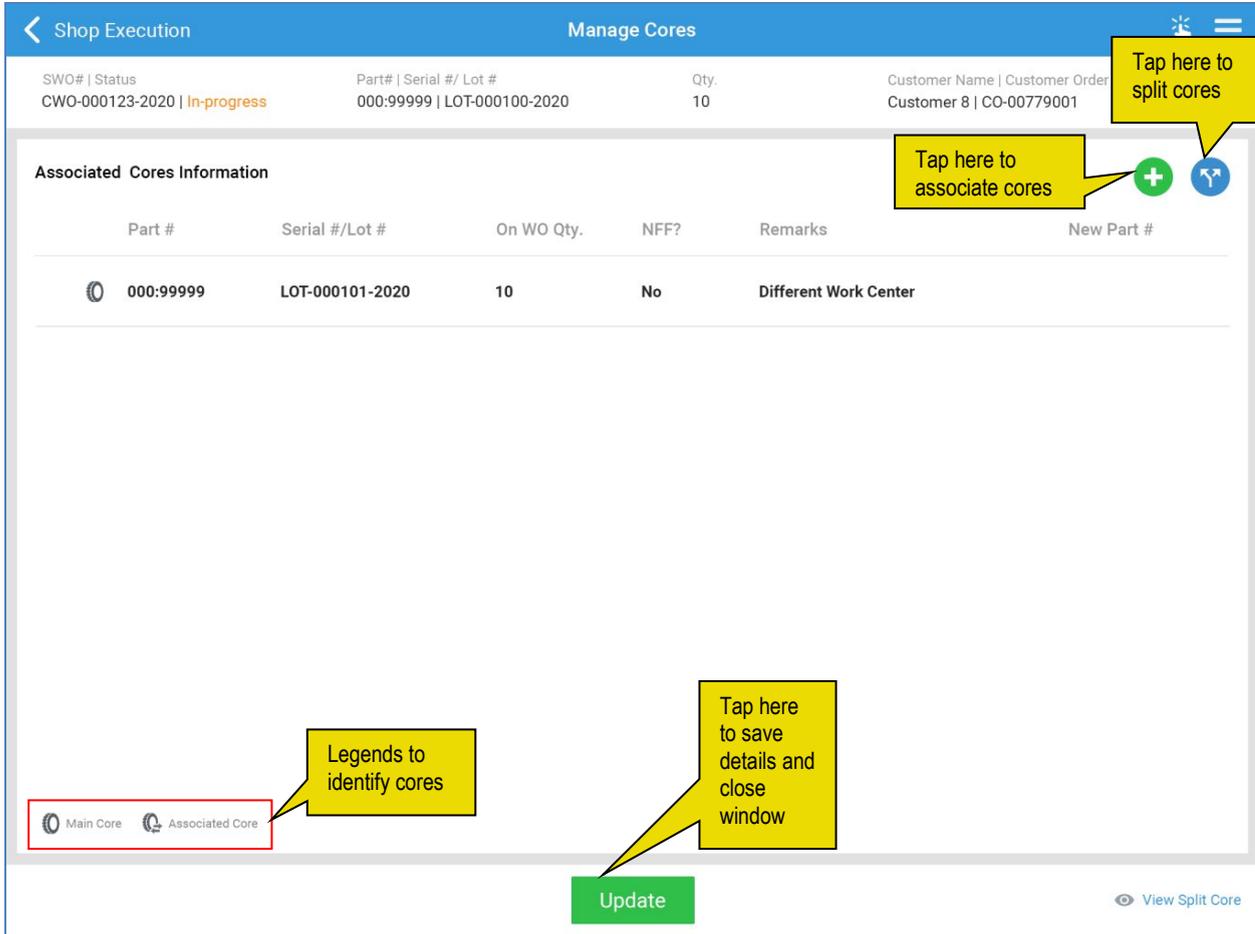
6.31 ROUTING UNSERVICEABLE PARTS / COMPONENTS

1. Tap **Route Info.** in the **Shop Execution** page. The **Route Parts** popup appears as represented in the next image.
2. Enter details of source and destination locations, routing and work requested details for the unserviceable Main Core part.
3. Tap **Submit** to save input and, return to the **Shop Execution** page.



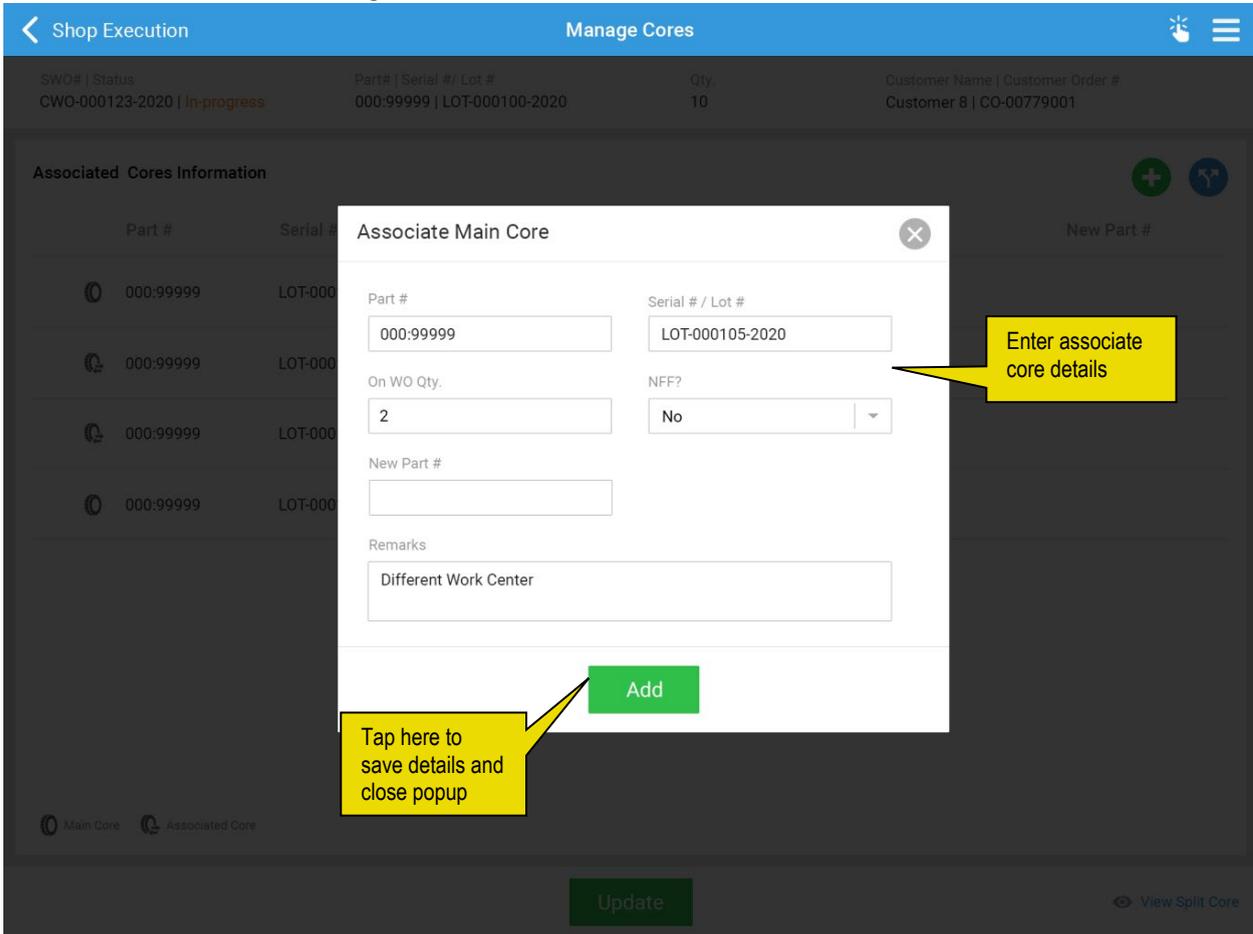
6.32 ASSOCIATE & SPLIT MAIN CORES

1. Tap **Mange Cores** in the **Shop Execution** page. The **Mange Cores** page appears as shown in the next image.



6.32.1 ASSOCIATE MAIN CORE

1. Tap  to open the **Associate Main Core** popup. The **Associated Main Core** popup appears as shown in the next image.



2. Tap on **Add** in the **Associate Main Core** popup. On addition of associated core, the record (highlighted) will appear as shown in the next image.

Shop Execution Manage Cores

SWO# | Status: CWO-000123-2020 | In-progress Part# | Serial #/ Lot #: 000:99999 | LOT-000100-2020 Qty: 10 Customer Name | Customer Order #: Customer 8 | CO-00779001

Associated Cores Information + ↻

| Part # | Serial #/Lot # | On WO Qty. | NFF? | Remarks | New Part # |
|-----------|-----------------|------------|------|-----------------------|------------|
| 000:99999 | LOT-000101-2020 | 2 | No | Different Work Center | |
| 000:99999 | LOT-000102-2020 | 2 | No | No Man Power | |
| 000:99999 | LOT-000103-2020 | 2 | No | Lesser TAT | |
| 000:99999 | LOT-000104-2020 | 2 | No | Lower Priority | |
| 000:99999 | LOT-000105-2020 | 2 | No | Different Work Center | |

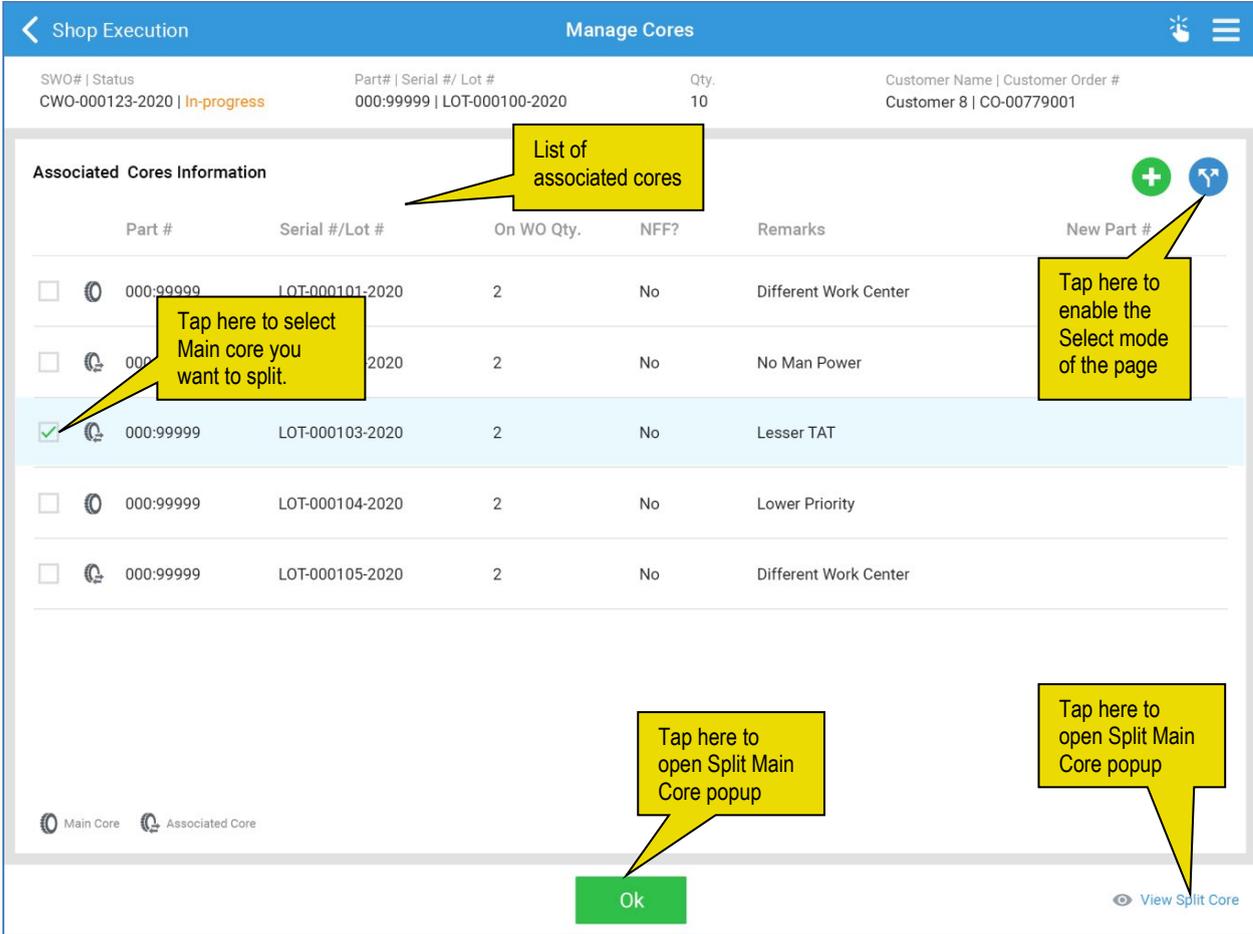
Main Core Associated Core

[Update](#) [View Split Core](#)

The first row in the list always shows Main Core part # & serial # / lot # in Draft status.

6.32.2 SPLIT MAIN CORE

1. Tap check box for the main core that you wish to split under **Associated Core Information** in the **Manage Cores** page as shown in the next image.



2. Tap to enable the **Select** mode in the **Manage Cores** page.
3. Tap the check box to select the main core that you want to split.
4. Tap **OK** after you have selected the **Manage Cores** page. The **Split Main Core** popup appears as the next image shows.

Shop Execution Manage Cores

SWO# | Status: CWO-000123-2020 | In-progress
 Part# | Serial #/ Lot #: 000-99999 | LOT-000100-2020
 Qty: 10
 Customer Name | Customer Order #: Customer 8 | CO-00779001

Associated Cores Information

| Part # | Serial #/Lot # | On WO Qty. | NFF? | Remarks | New Part # |
|-------------------------------------|----------------|------------|------|---------|------------|
| <input type="checkbox"/> | 000-99999 | LOT-000 | | | |
| <input type="checkbox"/> | 000-99999 | LOT-000 | | | |
| <input checked="" type="checkbox"/> | 000-99999 | LOT-000 | | | |
| <input type="checkbox"/> | 000-99999 | LOT-000 | | | |
| <input type="checkbox"/> | 000-99999 | LOT-000 | | | |

Split Main Core

Split Qty.: 2
 Disposition: 1-Repair
 NFF?: No
 Consolidated Order: Yes
 Remarks: Lesser TAT

Split

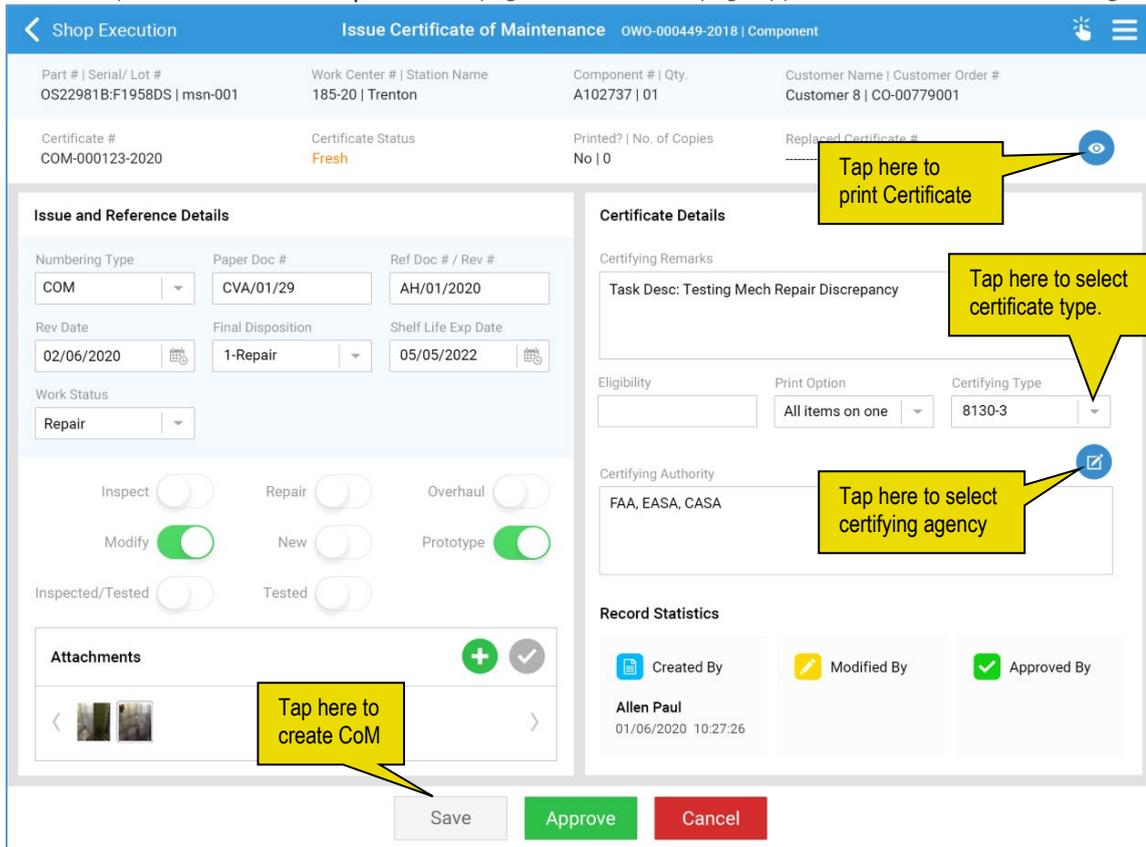
Tap here to save split details and close popup.

Ok View Split Core

- Provide split details.
- Tap **Split** to split main core and return to the **Manage Cores** page. The quantity of main core also decreases to the extent of the split core qty. The main core record disappears from the **Manage Cores** page.

6.32.3 ISSUING COM FOR COMPLETED TASKS

1. Tap **Issue CoM** in the **Shop Execution** page. The **Issue CoM** page appears as shown in the next image.



2. Tap **Create** button to open the **Create CoM** popup. The **Create CoM** popup appears as shown in the next figure.
3. **The Preview icon** appears, if the CoM # is in the **Fresh** status. On tapping of **Preview**, the CoM report (which is a *Draft* version) is rendered in PDF Viewer.
4. **The Print icon** appears, if the CoM # is in the **Approved** status and 'Printed? | No. of Copies' is 'No | 0'. On tapping of the **Print** icon, the CoM report is rendered in PDF Viewer.
5. **The Reprint icon** appears, if the CoM # is in the **Approved** status and 'Printed?' is 'Yes '. On tapping on the **Reprint** icon, the CoM report is rendered in PDF Viewer. The value for 'No. of Copies' is incremented each time the user reprints the report.

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 # Certificate Status Printed? | No. of Copies Replaced Certificate #

Create CoM

Employee # 00041263 → Employee Name Allen Paul
Primary Work Center # 185-20 License # LIC-0120
Authorization # CVA/01/29 Authorization Ref # CVA/01/29
Skill # B2-INS Date and Time 01/06/2020 10:27:26
Login Password Pin

Create

Enter details of employee creating CoM.

Tap here to create CoM and close popup

Approved By

6. Upon creating CoM , the Issue CoM page appears as shown in the next figure.

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 Fresh
Printed? | No. of Copies No | 0
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

Task Desc: Testing Mech Repair Discrepancy

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

Certifying Authority FAA, EASA, CASA

Record Statistics

Created By Allen Paul 01/06/2020 10:27:26
Modified By
Approved By

CoM created in Fresh status

Tap here for preview of CoM

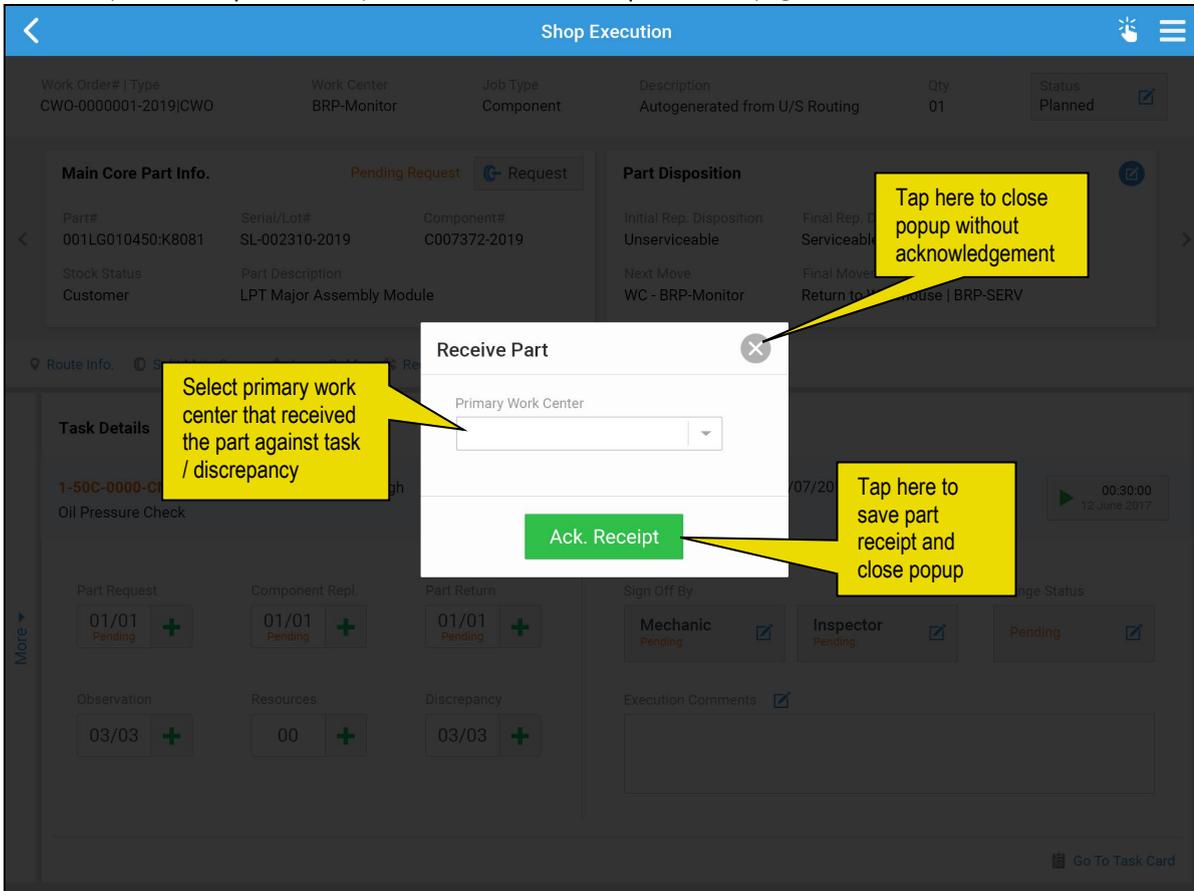
Tap here to authorize 'Fresh' CoM

Tap here to cancel 'Fresh' CoM

Save Approve Cancel

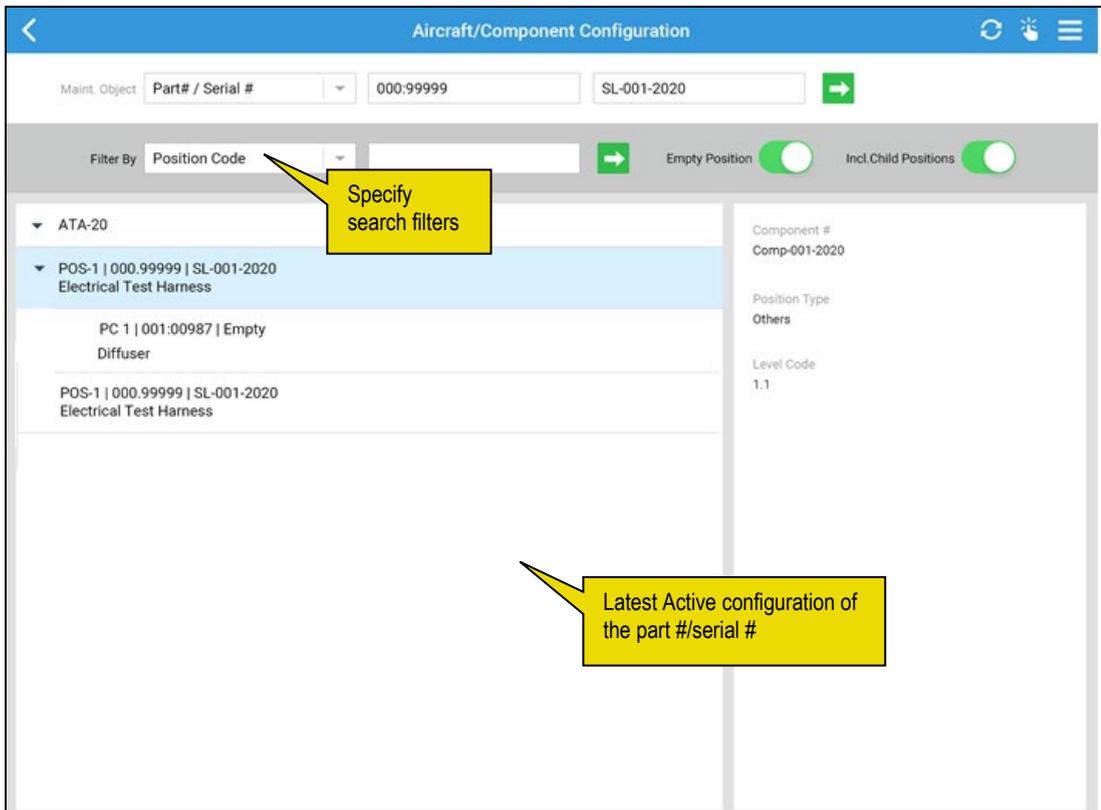
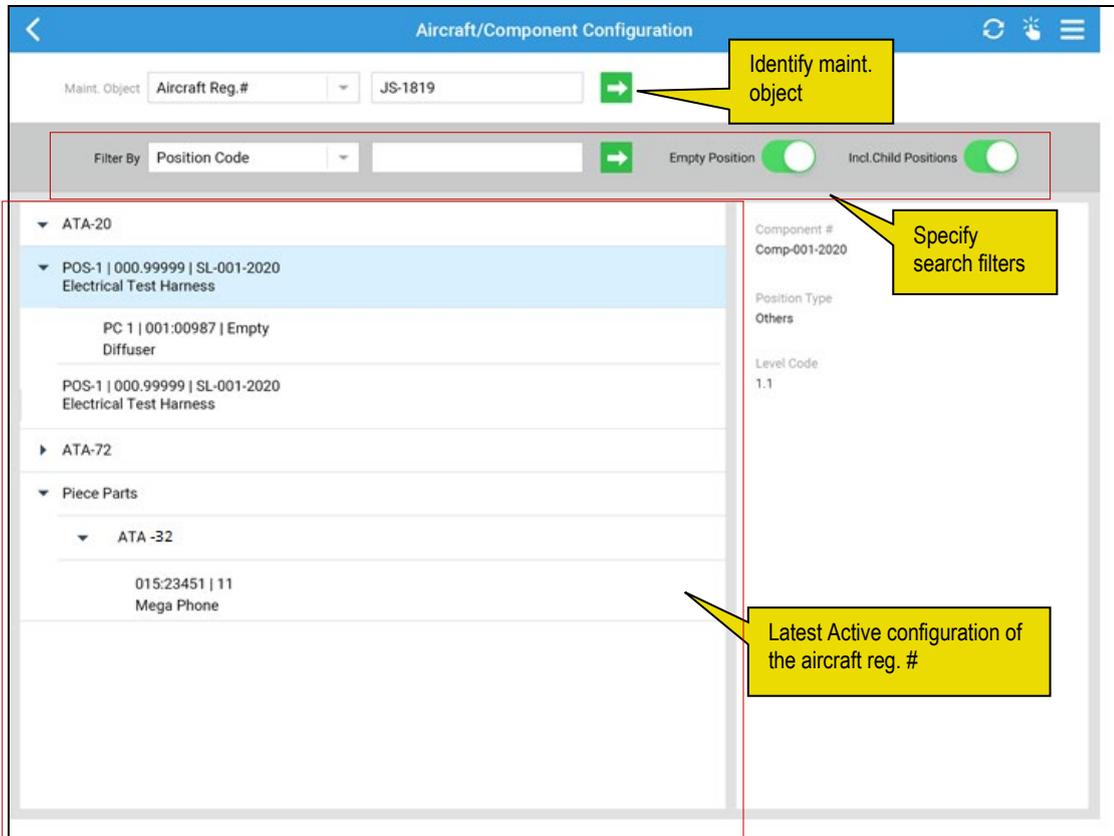
6.32.4 ACKNOWLEDGEMENT OF PART RECEIPT

1. Tap **Receive Part** in the **Shop Execution** page. The **Receive Part** popup appears as shown in the next image.
2. Select **Primary Work Center** that received the Main Core part in the shop work order.
3. Tap **Ack. Receipt** to save input and return to the **Shop Execution** page.



6.33 VIEWING AIRCRAFT /COMPONENT CONFIGURATION

1. Tap on **Aircraft/Component Configuration** in the Hamburger menu. The Aircraft/Component Configuration page appears as the next image shows.



6.34 NOTIFICATIONS

The screenshot displays the 'To Do List' interface. At the top, there is a blue header with a back arrow, the text 'To Do List', and a 'Notifications tab' label. Below the header, there are several task cards: 'Pick My Job 18', 'Open Work 25', 'Assigned Jobs 10', and 'Current Jobs 08'. A 'Review' section contains 'My Timesheet', 'Task Done', 'Estimates Made', and 'Tools Used'. A 'Messages' panel is open, showing a list of notifications. Four yellow callout boxes provide instructions: 'Notifications tab' points to the top bar; 'Swipe the message left from right to access the View button' points to the left side of a message; 'Swipe a READ notification from left to right to make it UNREAD' points to the left side of a message with a green 'x' icon; and 'Swipe an UN READ notification from right to left to make it READ' points to the right side of a message with a red 'x' icon. The messages include details about aircraft packages, tasks, discrepancies, and purchase orders, with 'Approve' and 'Return' buttons at the bottom.

6.34.1 WORKING WITH NOTIFICATIONS

The screenshot displays the 'To Do List' interface with a notification overlay. The notification contains the following text:

Messages [Mark all as read](#)

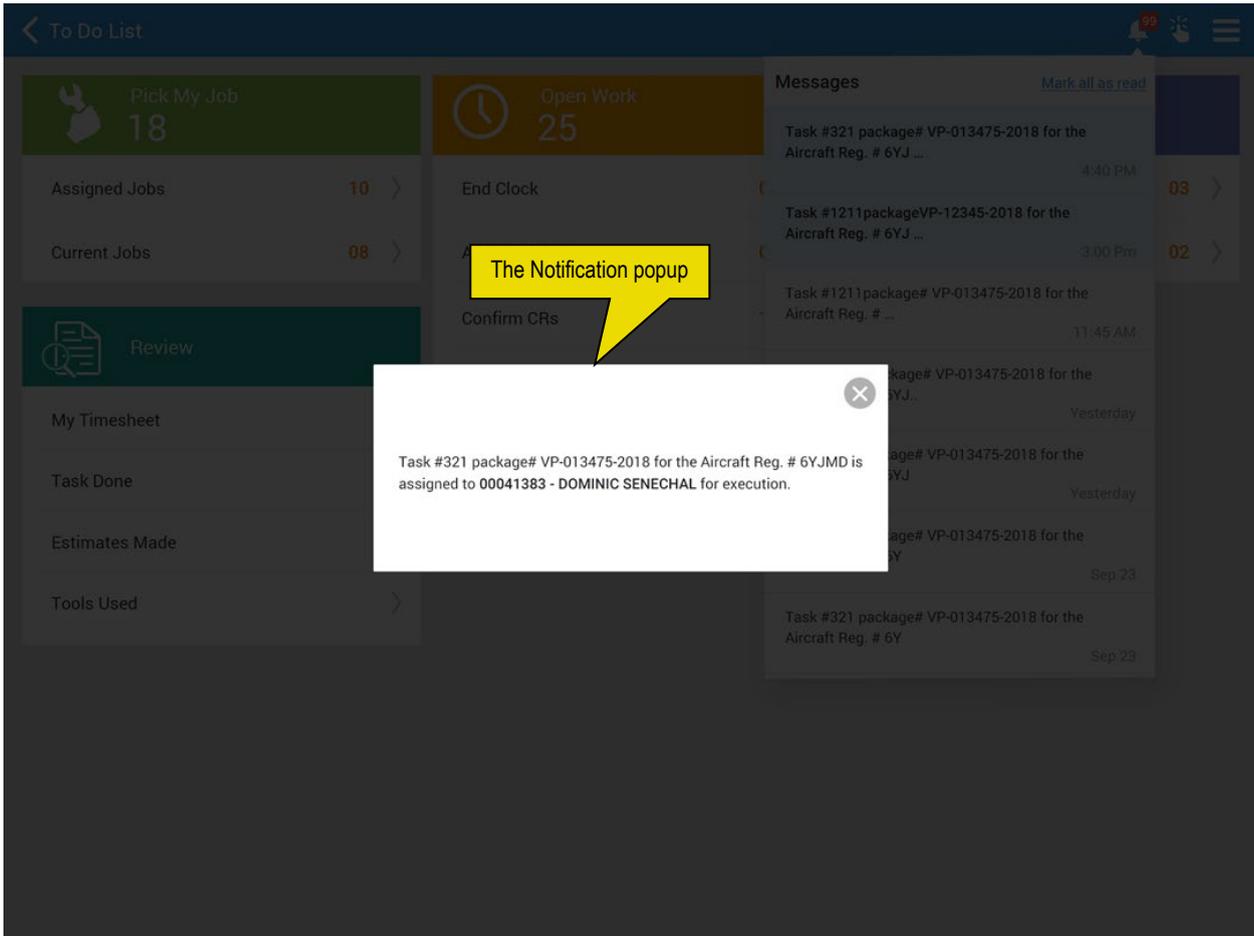
- Package #VP018341-2020 is released for the Aircraft Reg. #1133 in the Work Center #YYZ-165-00 for execution.**
Today 03:00 PM
- sk #0000-737-0006476 in Package #VP018342-20 for the Aircraft Reg. #101 is assigned to minic for execution.** [View](#)
day 11:45 AM
- Discrepancy #CDP-064860-2020 in Package #VP018342-2020 for the Aircraft Reg. #1231 is assigned to John for execution.**
Yesterday 10:00 AM
- Ordered: Your Part #000100-0113C:35895 - Plug Assembly requested in MR #MR-0233-2019 on the Aircraft #1133 will be delivered by 27-12-2019 against PO #CWO-000383-2019.**
05 Jan 2020 03:00 PM
- Purchase order pending authorisation. Details: Order #PO-001241-2019, Supplier: Textron inc, Value: 900.00 CAD, Type: General, Expense Type: Revenue, Buyer Name: Melwin.**
05 Jan 2020 01:00 PM

Buttons: [Approve](#) [Return](#)

The background interface includes:

- Header:** To Do List
- Left Column:**
 - Pick My Job 18**
 - Assigned Jobs 10
 - Current Jobs 08
 - Review**
 - My Timesheet
 - Task Done
 - Estimates Made
 - Tools Used
- Right Column:**
 - Open Work 25**
 - End Clock
 - Authorize MRs
 - Confirm CRs
 - Return Parts
- Bottom Right:** Notification counts: 03, 02

6.34.2 NOTIFYING MESSAGES

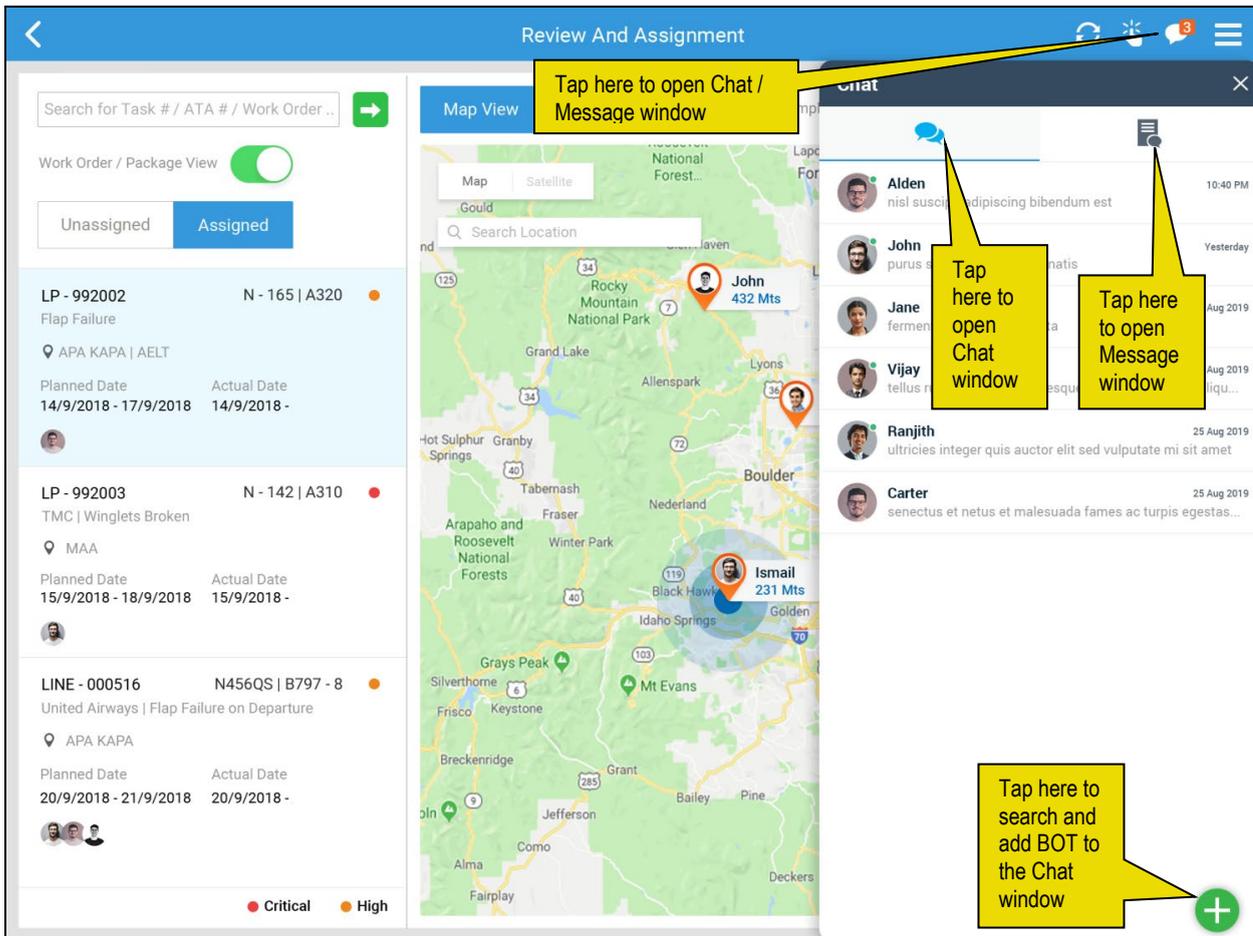


6.35 CHAT / MESSAGE

You can communicate by means of text with your co-workers in the organization using the Chat / Message facility available in MechanicAnywhere.

You can indulge in one-way communication using Message or discuss in a two-way communication using Chat feature.

1. Tap at the top right of the screen. The Chat / message window appears as the next image shows.



2. Tap to search for employees / BOT to proceed with you tasks. The Chat tab appears as the next image shows.

Review And Assignment

Search for Task # / ATA # / Work Order ...

Work Order / Package View

Unassigned Assigned

LP - 992002 N - 165 | A320 ●
Flap Failure
APA KAPA | AELT
Planned Date: 14/9/2018 - 17/9/2018 Actual Date: 14/9/2018 -

LP - 992003 N - 142 | A310 ●
TMC | Winglets Broken
MAA
Planned Date: 15/9/2018 - 18/9/2018 Actual Date: 15/9/2018 -

LINE - 000516 N456QS | B797 - 8 ●
United Airways | Flap Failure on Departure
APA KAPA
Planned Date: 20/9/2018 - 21/9/2018 Actual Date: 20/9/2018 -

● Critical ● High

Map View List View Show Nearby Emp...

Map Satellite Gould Search Location

John 432 Mts

Ismail 231 Mts

Employees online are indicated in Green

Chat

Select User

Search employee or BOT you want to communicate with

Alde

John

Jane

Vijay

Ranjith

Carter

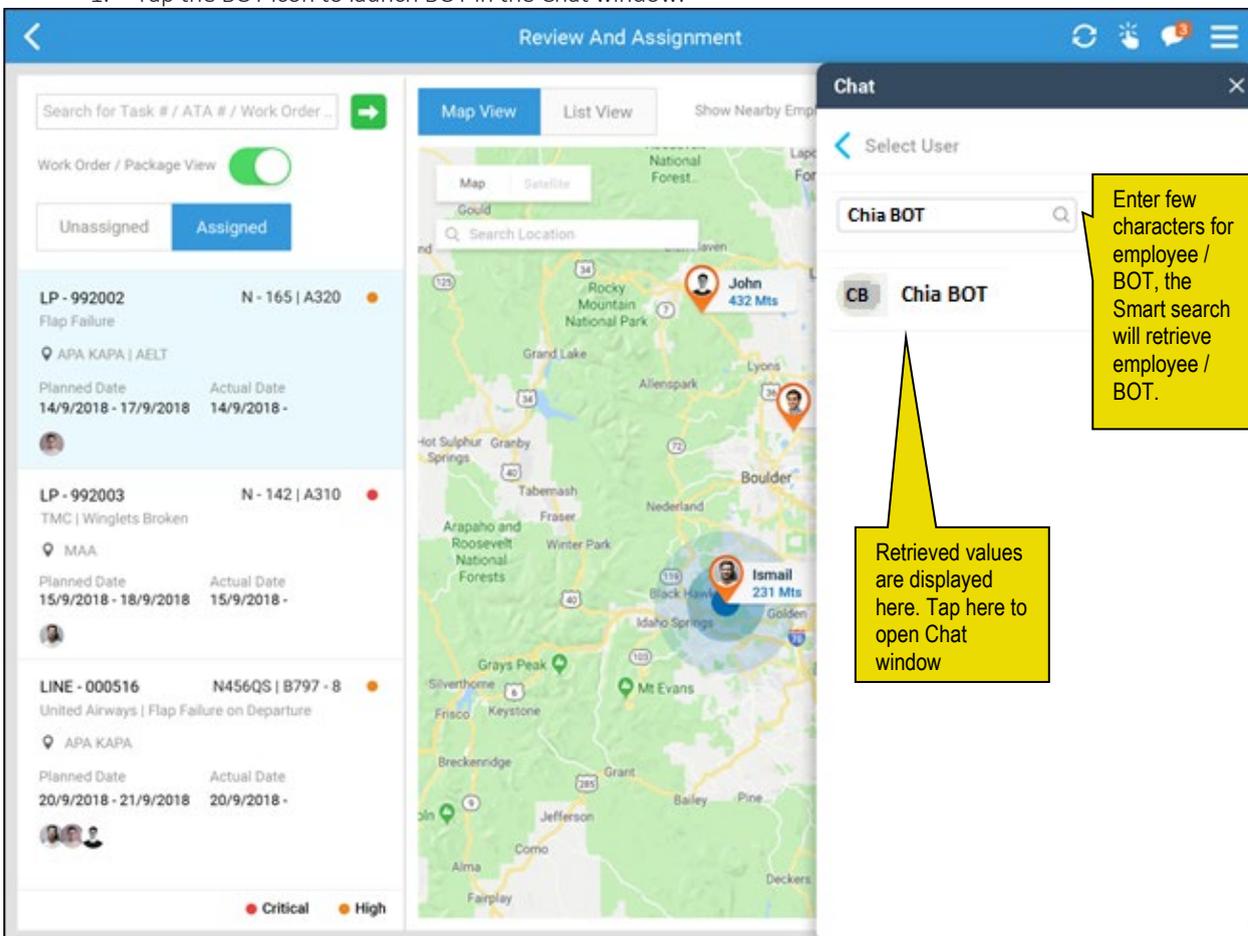
6.36 CHAT BOTS

The Messaging / Chat facility has been enhanced to offer BOT facility as well in the MechanicAnywhere mobile application.

BOTs in MechanicAnywhere are capable of assisting you the user in fulfilling the following tasks in the friendliest way:

- ▶ Book timesheet
- ▶ Enquire part availability
- ▶ Request part
- ▶ Request AOG priority part
- ▶ View supplier details
- ▶ Inquire invoice details

1. Tap the BOT icon to launch BOT in the Chat window.



6.37 E-LOG – FUEL / OIL UPLIFT

2:02 PM Fri 28 Feb
98%

[E-Log](#)
E-Log

Aircraft Reg# | Model
JS-101 | A320-211

Log Card # | Ref. #
LC-027796-2020

Station
Chennai Int Airp...

Date & Time
2020-02-27

FH
1.00

FC
1

Status
In-Progress

Manage Package
Maint./Pilot Discrepancy
Cabin Defect
Maint. Events & Task
Fuel / Oil Uplift
Preview and Acceptance

Fuel/Oil Log #
Uplift Date & Time

2020-02-28 12:35:03 PM

Fuel Usage Details

Fuel Type

Fuel Receipt #

Tracking UOM

Uplift From

Trading Parter #

Fuel Transfer Details

Uplift for Internal Use

Uplift for Customer Use

Customer #

Usage Category

Remarks

Oil Uplift

| Position & Part/Serial Info | Arrival | Uplift | Departure |
|-----------------------------|----------------------|----------------------|----------------------|
| 1 0-0440-4-0001:36361 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| E PART-0005 S2345 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| POS-1 0-100-1 | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Engine
 APU
 Others

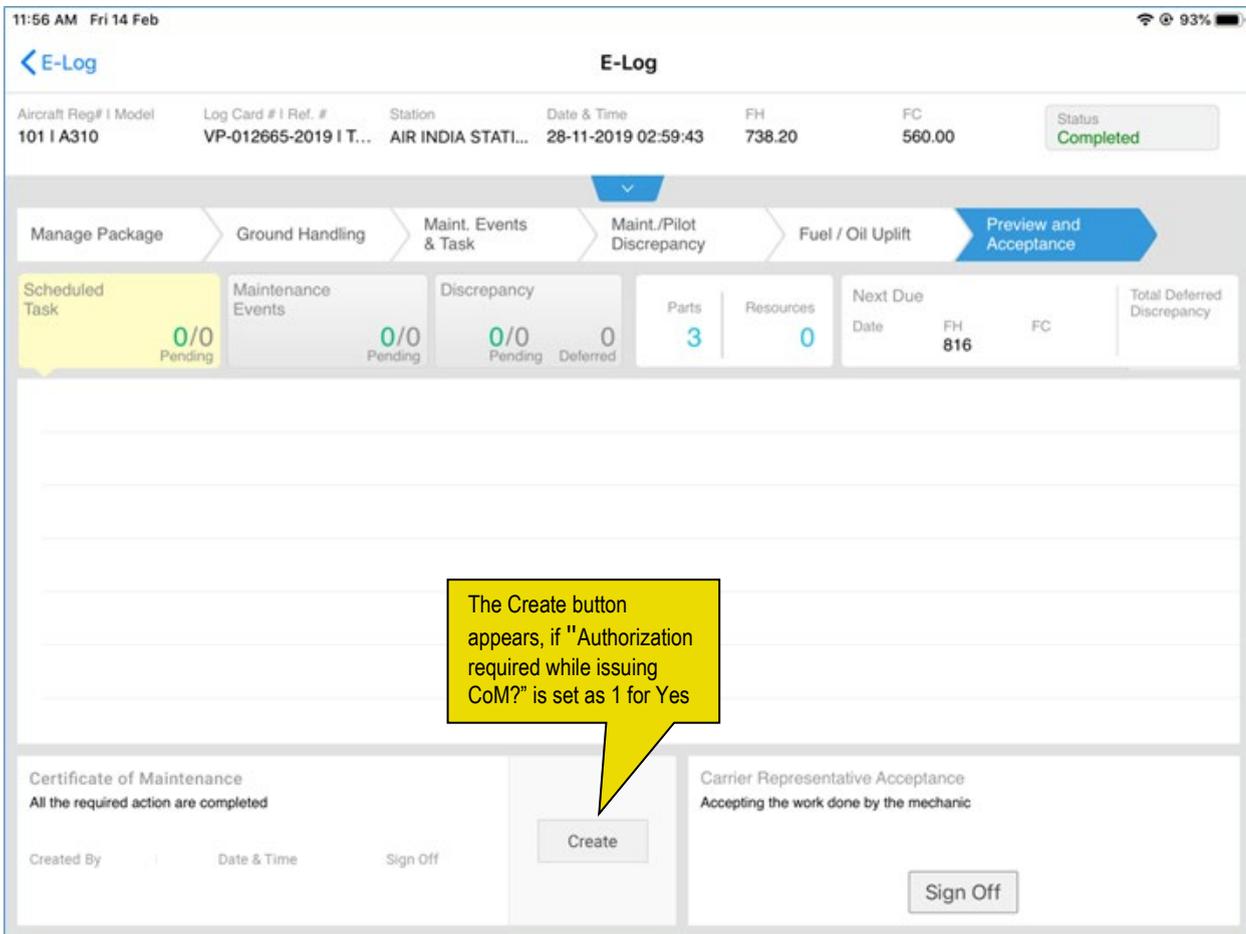
Save

Tap here to open Fuel Usage/ Oil Uplift tab

This screen allows to the fuel and oil consumption details for aircraft. System will retrieve the position codes of type “Engine” or “APU” in the “Oil Uplift Details” tab page and enter the amount of oil on arrival, oil at the time of departure and the uplifted oil. The system calculates the amount of oil in the aircraft after refuel.

6.38 E-LOG - PREVIEW AND ACCEPTANCE

1. Tap **Preview and Acceptance** in the **E-Log** page. The **Preview and Acceptance** screen appears as represented in the next image.



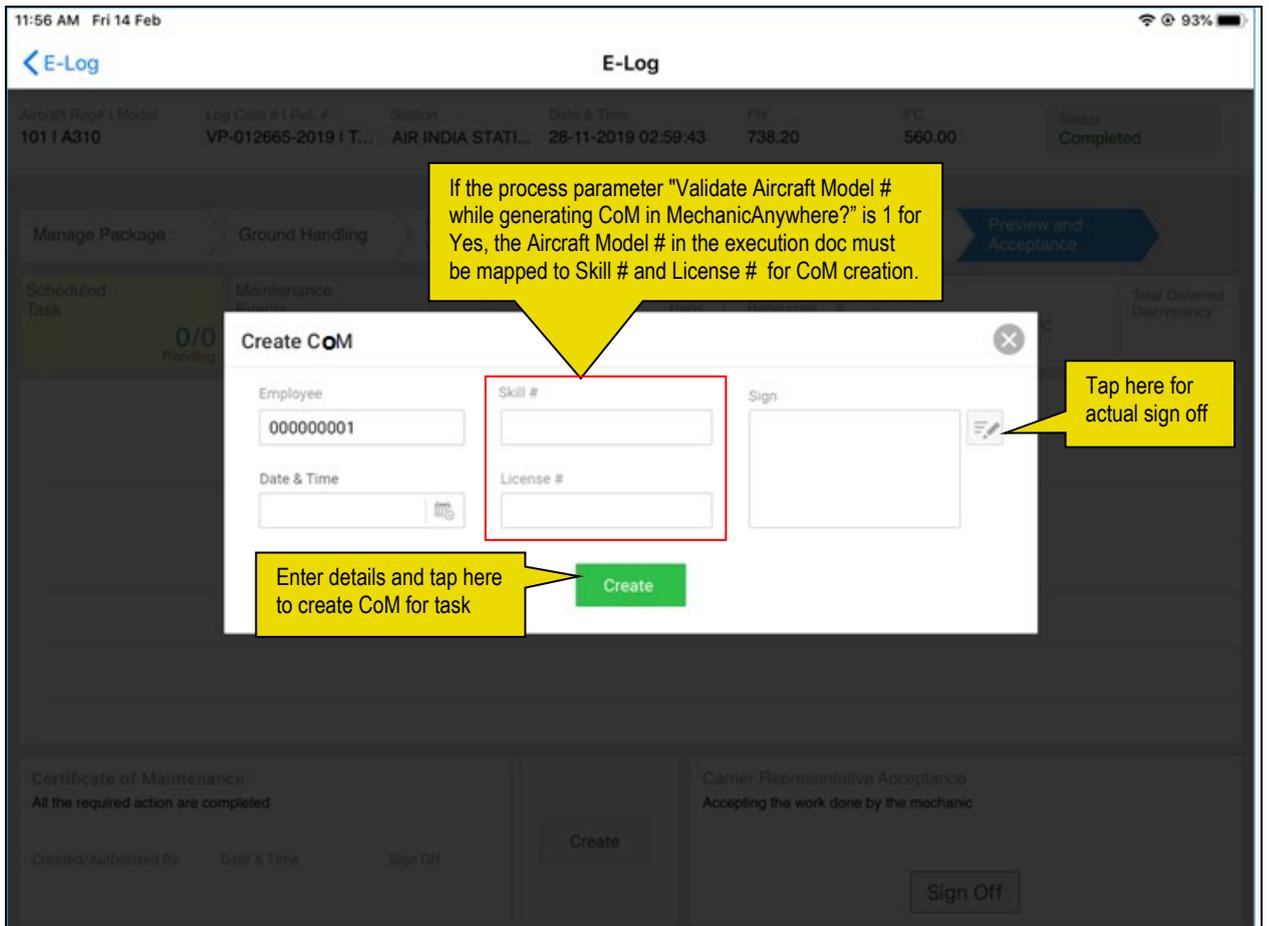
This screen provides an overview of the tasks and discrepancies in the package. The key actionable and aspects of this screen include:

- ▶ The mechanics/inspectors can sign off to generate **Certificate of Maintenance** against an aircraft package or shop work order for the aircraft.
- ▶ The pilot/ aircraft owner can also sign off to generate **Carrier Representative Acceptance** for the aircraft.
- ▶ The issue/authorization of the CoM happens based on the process parameter "Authorization required while issuing CoM?" defined under the entity type Package Type and the entity "All user defined package types including Logcard" in the **Define Process Entities** activity of **Common Master**.

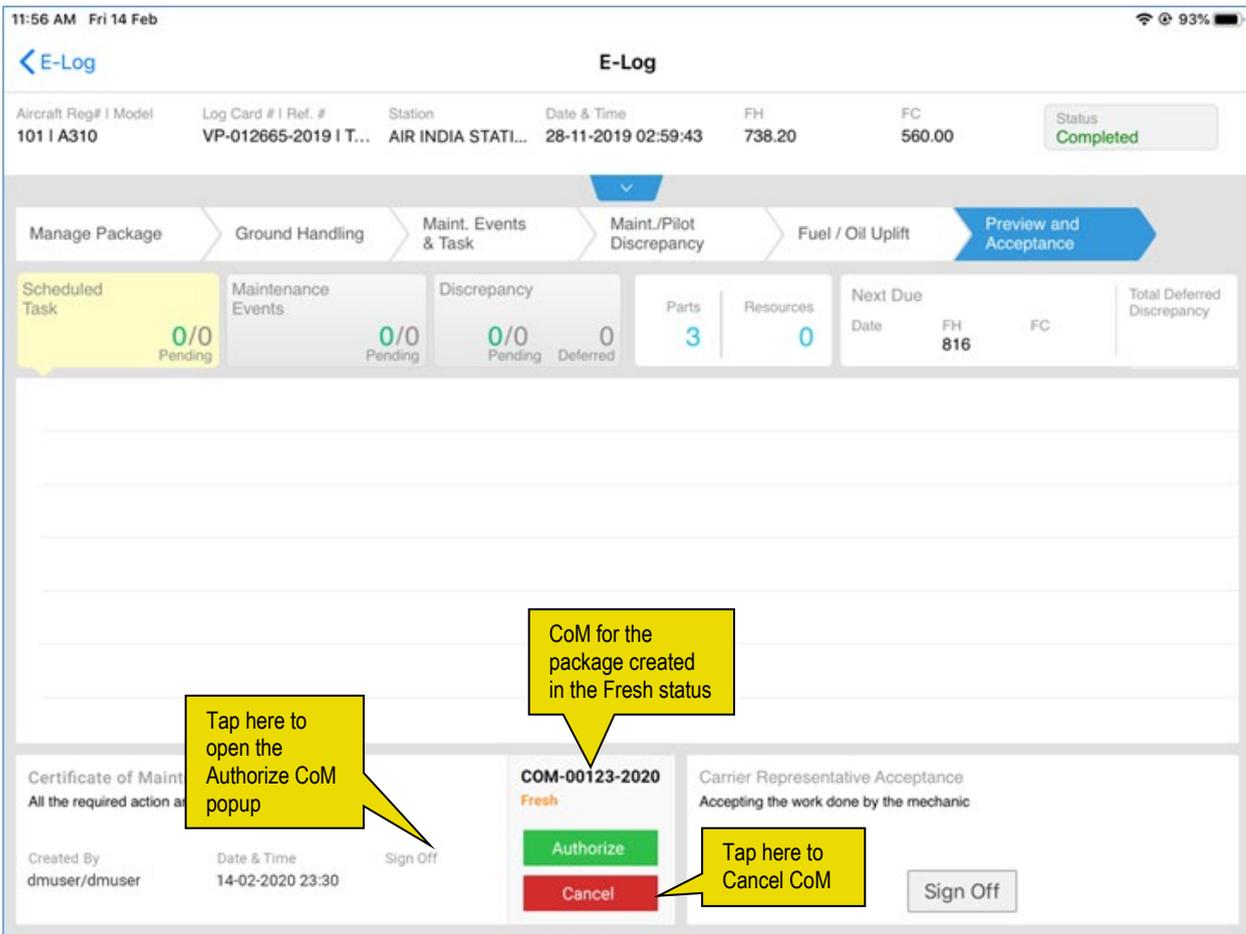
| Process Parameter Value | Available Popup |
|-------------------------|---|
| 1 for Yes | The Create button appears under the Certificate of Maintenance CoM section. |
| 0 for No | The Issue button appears under the Certificate of Maintenance CoM section. |

Process Parameter "Authorization required while issuing CoM?" process parameter is set as 1 for Yes

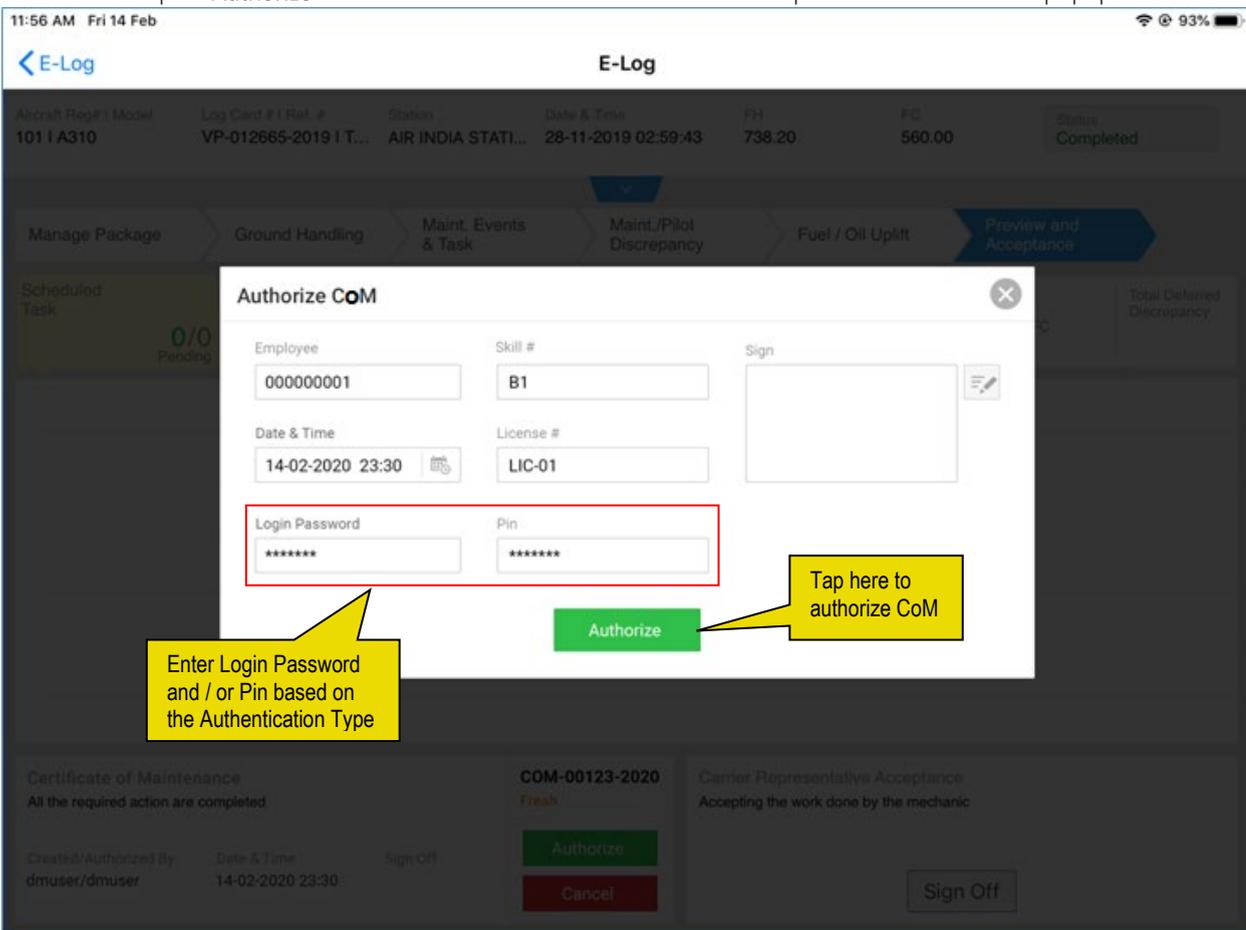
2. Tap **Create** to open the **Create CoM** popup. The **Create CoM** popup appears as next image shows.



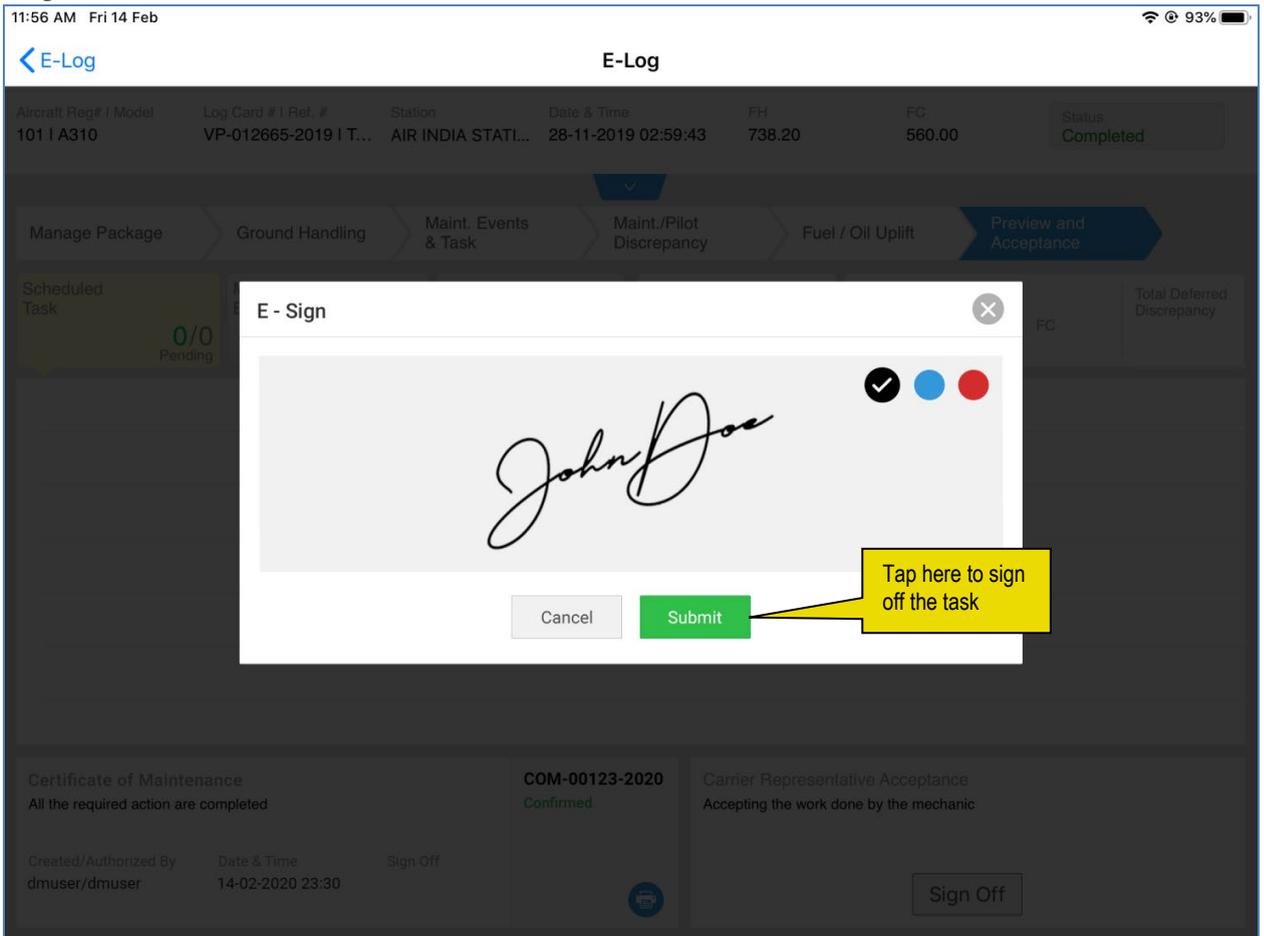
3. Tap the details in the Create CoM popup and tap Create button to generate COM for the task and then go back to the main screen. The Certificate of Maintenance screen will appear as shown in the next image.



4. Tap on **Authorize** in the Certificate of Maintenance section to open the Authorize CoM popup.



5. To perform actual / manual sign off, tap the Sign Off icon. The E-Sign popup appears as represented in the next image



6. Tap submit to sign off and return to previous page. The sign off signature appears in the Certificate of Maintenance section as displayed in the next image.

11:56 AM Fri 14 Feb 93%

E-Log

Aircraft Reg# | Model: 101 | A310 | Log Card # | Ref. #: VP-012665-2019 | T... | Station: AIR INDIA STATI... | Date & Time: 28-11-2019 02:59:43 | FH: 738.20 | FC: 560.00 | Status: **Completed**

Manage Package | Ground Handling | Maint. Events & Task | Maint./Pilot Discrepancy | Fuel / Oil Uplift | **Preview and Acceptance**

Scheduled Task: 0/0 Pending | Maintenance Events: 0/0 Pending | Discrepancy: 0/0 Pending, 0 Deferred | Parts: 3 | Resources: 0 | Next Due: Date, FH: 816, FC: | Total Deferred Discrepancy

Indicates actual sign off has been done

Post sign off, the status of CoM turns Confirmed

The Print icon appears only for Confirmed CoM

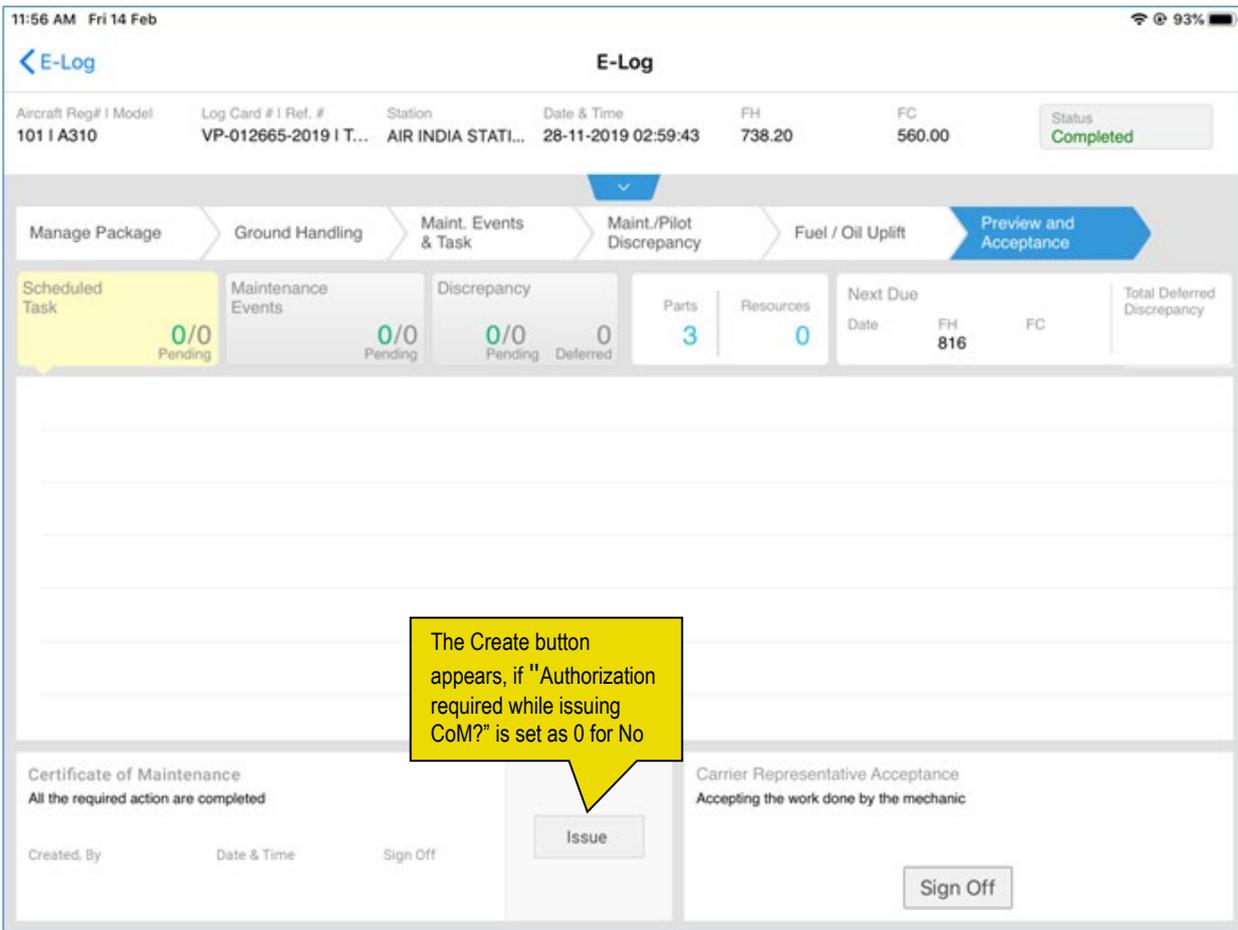
Certificate of Maintenance: All the required action are completed. Created/Authorized By: dmuser/dmuser, Date & Time: 14-02-2020 23:30, Sign Off: *John Doe*

COM-00123-2020: Confirmed

Carrier Representative Acceptance: Accepting the work done by the mechanic. Sign Off

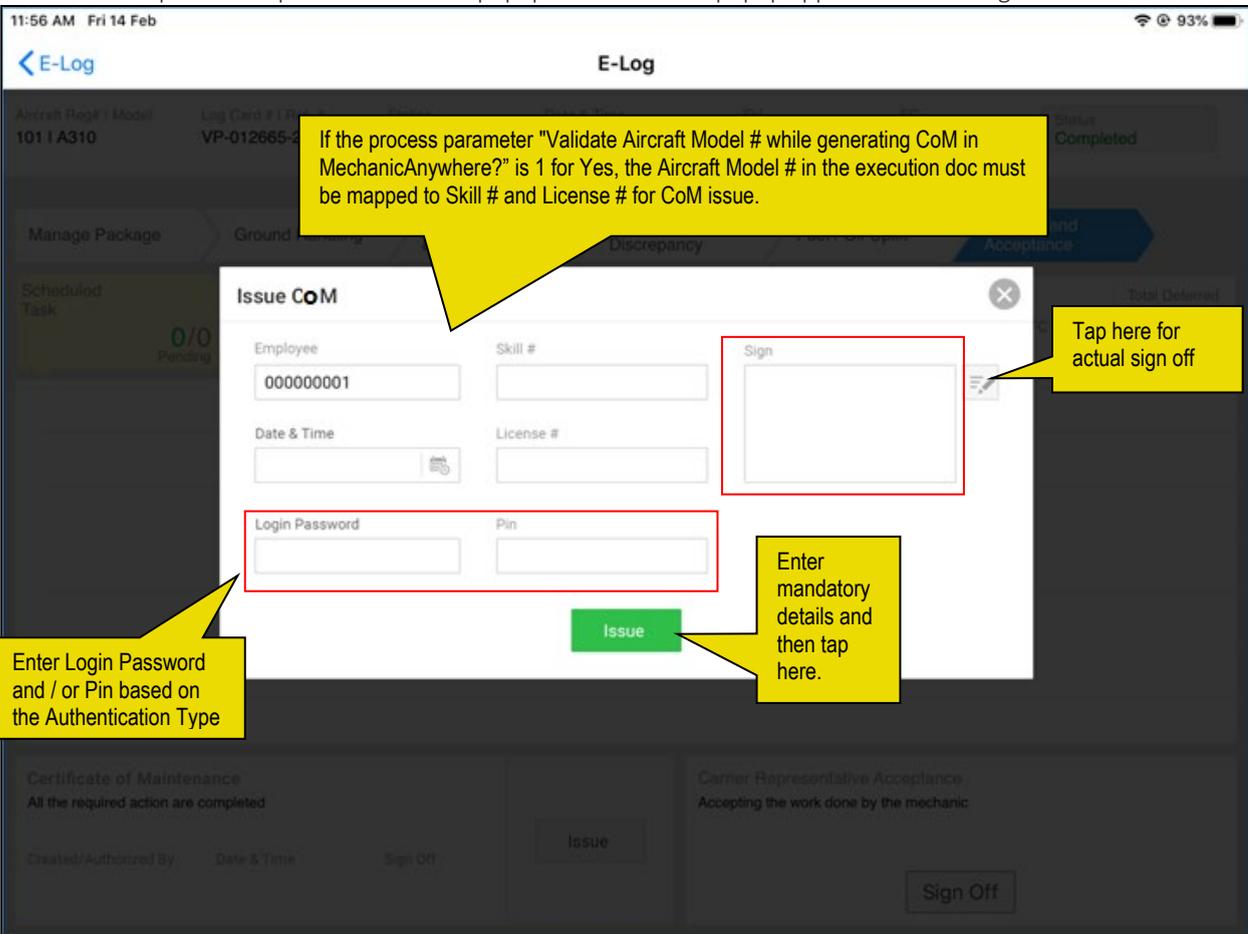
Process Parameter “Authorization required while issuing CoM?” process parameter is set as 0 for No

1. Alternately, if the “Authorization required while issuing CoM?” process parameter is set as 0 for No, the Certificate of Maintenance section in the Preview and Acceptance screen would appear as shown in the next image.



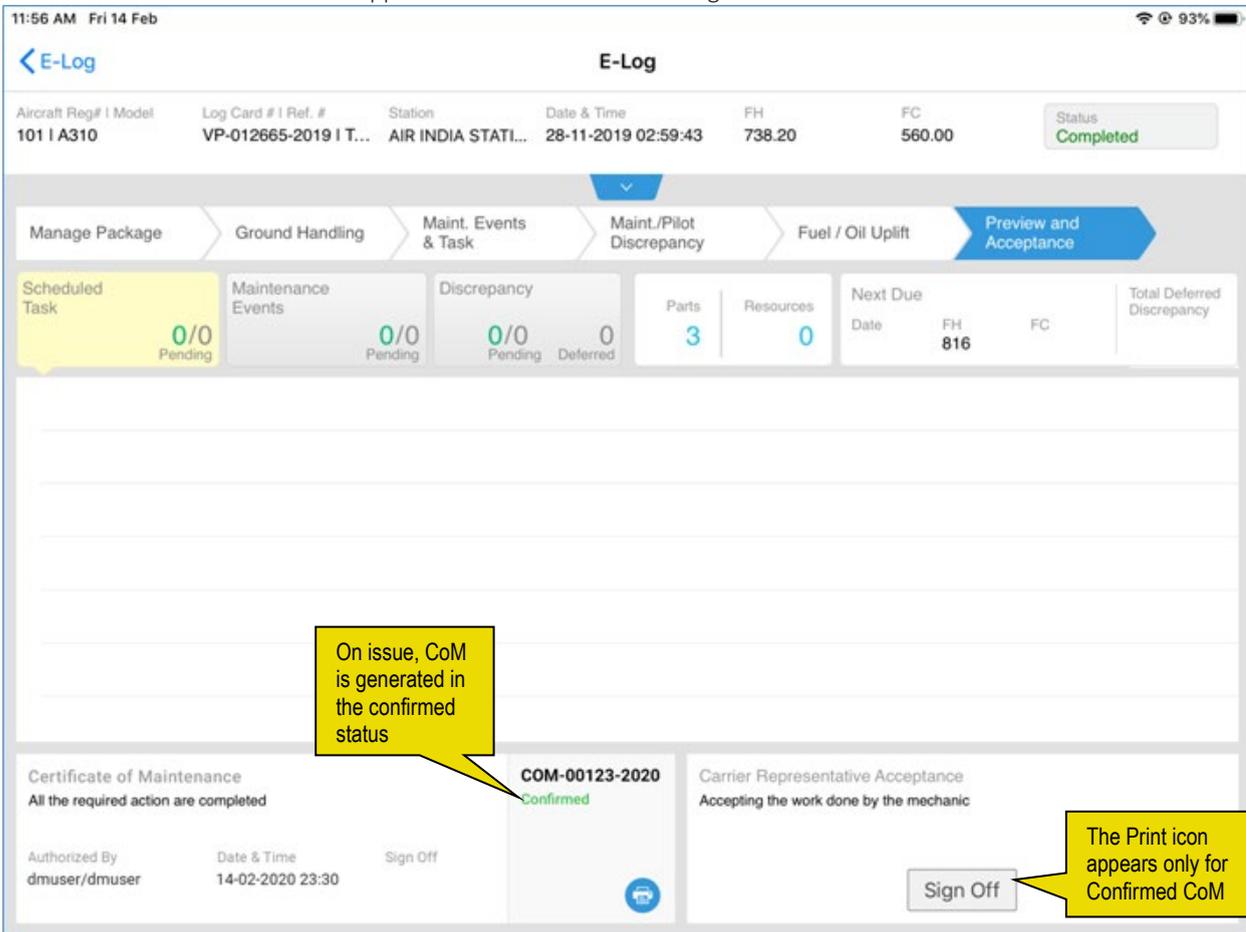
The Create button appears, if "Authorization required while issuing CoM?" is set as 0 for No

2. Tap Issue to open the Issue CoM popup. The Issue CoM popup appears as next image shows.



Note: If the process parameter “Authorization required while issuing CoM?” under the entity type Package Type and the entity “User Defined Package Types” is set as 1 for Yes in the Define Process Entities activity of Common Master, it implies Dual Authentication is enabled for the Issue CoM action. The Login Password and /or Pin fields will appear in the Issue CoM and Authorize CoM popups only if Dual Authentication has been enable for CoM.

3. Tap **Issue** button to generate the CoM for the package in the **Confirmed** status. The **Certificate of Maintenance** section appears as shown in the next image.



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