RAMCO AVIATION SOLUTION ENHANCEMENT NOTIFICATION Version 5.9.0

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WHAT'S NEW IN MECHANICANYWHERE?

Ability to Associate and Split Work Order in MechanicAnywhere

Reference: APRP-1301

Background

Sometimes maintenance activity/repair to be executed can be same across multiple parts. These multiple parts then can be associated with a single Shop Work Order consisting of a Main Core and Associated Cores. Also, if the maintenance cannot be executed for a Shop Work Order with multiple cores, then split functionality is required wherein the Main Work Order can be split and Child Work Orders be generated for later execution.

This facility is available in Shop Work Order component in desktop and a similar provision is required in Shop Execution screen of MechanicAnywhere wherein Mechanics can easily associate cores to a Shop Work Order with multiple cores, Split as and when required and view the Split Cores along with its Child Work Orders generated.

Change Details

- A new screen Manage Cores is introduced which will be launched on tap of Manage Cores link in Shop Execution screen of MechanicAnywhere.
- Manage Cores screen is structured as follows:
 - A table layout for showing all the Associated Cores Information
 - '+' button to add new associate cores which will launch a new popup Associate Main Core.
 - o Update button to update the added associate cores
 - Split icon to perform splitting of the associated cores which will launch a new popup Split Main Core.
 - View Split Cores link which will show the list of all the split cores along with the Child Work Orders generated for the parent work order along with its status.
 - o Legend section in order to denote the Main Core and Associated Core

Manage Cores in Shop Execution

Associating Cores and Splitting Cores functionality can be performed in **MechanicAnywhere** from the **Manage Cores** link available in the **Shop Execution** screen. On tap of **Manage Cores** link from the Action Tray of Shop Execution, a new screen **Manage Cores** will be launched.

Canal Contraction of Contraction of

Note: Manage Cores screen can be launched only for a Shop Work Order with Job Type 'Piece Part' or 'Make' and Multiple Cores set as 'Yes'.

Associating Cores to Shop Work Order

Initially, for a Shop Work Order having no associated cores, 1st record shown in the Associated Cores Information will be draft version of the Main Core itself. User can modify the quantity of the Main Core, start adding Associated Cores from Associate Main Core popup which launches on tap of '+' button.

The records added from Associate Main Core popup will show in the Associated Cores Information section as a draft record allowing the users to verify if the summation of On WO Qty. is same as the Shop Work Order total Qty. Only if the summation of On WO Qty. is same as the Shop Work Order total Qty., then Update button can be tapped for associating the added cores to the main Shop Work Order. Once the records in the Associated Cores Information section are updated it will show in an updated version which shows that cores have been associated to the main Shop Work Order.

User can also swipe left in order to both Edit and/or Delete records. On tap of Edit, Modify Main Core popup will be launched which will let the user modify the associate cores. Delete capability is supported only for records in draft version. User will not be able to delete an updated associate cores same as available in desktop.

Icons for differentiating between Main Core and Associated Core are provided again each row in Associated Cores Information section. Legend section shown at the bottom of screen denotes the Main Core and Associated Core.

Splitting Cores from Shop Work Order

For the updated records in Associated Cores Information, a Split icon would be shown towards the end of each row which enables the user to Split that particular core from the main Shop Work Order. On tap of the Split icon, Split Main Core popup will be launched wherein user can either perform a full/partial splitting of the core. On performing a partial split, the quantity(s) which was not split will be still retained in the Associated Cores Information section and only the rest of the entered Split Qty. will be split. On performing a full split, the corresponding record will be removed from Associated Cores Information section. The Split Qty. entered will be reduced from the main Shop Work Order Qty.

View Split Cores in a Shop Work Order

If there are any cores split from a Shop Work Order, the same can be viewed using a link **View Split Cores** in the bottom of Manage Cores screen. If any Child Work Orders are generated during the splitting of cores, then the same can be viewed from **View Split Cores** popup. It shows both the Child Work Orders generated along with its current status which the user can use for tracking of the Child Work Orders.

Exhibit 1: Identifies the new Manage Cores link in Shop Execution

DACK		Sh	op Execution			, the second sec
Vork Order # Type WO-000025-2020 FWO	Work Center # 185-20	Job Type Piece Part	Customer Name	Qty. 2	Status Planned	Ø
Aain Core Part Info.	Not Applicable	C- Request	Work Order Info.			Part D
art # 10973-PDC1	Serial #/Lot # LOT-008061-2020	Component #	Repair Process Code Calibration	Event # Orde FWO-000025-2020 NRM	er Priority /	Initial F
tock Status veos Owned	Part Description		Order Description Associate & Split AUT			Next N WC -
sk & Discrepancies	Task	w #/ Description	n/ ATA # 🔁 🕂 Du	e 🕇 Task 🝸		
NSTD0013132019 t1	Tap here to lau	unch the Mar	nage Cores screen	Planned		
NSTD0013132019 t1	Tap here to lau	#/ Description	nge Cores screen	Planned	•	
NSTD0013132019 t1	Tap here to lau	unch the Mar	n/ ATA # → → + Du	Planned 📋	Less	
NSTD0013132019 t1	Tap here to lau	unch the Mar	n/ ATA # ↓ → ↓ + Du	Planned 🗎	Less A	
NSTD0013132019 t1	00. Tap here to lau	unch the Mar	n/ ATA # ↓ → ↓ + Du	Planned 🗎	Less A	

Exhibit 2: Identifies the new Manage Cores screen with Draft records



Exhibit 3: Identifies the new Manage Cores screen with Updated records

11:09 AM	1 Tue 13 Oct					ę	≈ 20% 🔲	
🗸 Sho	p Execution		Manag	e Cores			₽	
SWO FWO	# Status -000025-2020 Plar	Part # Si nned :10973-F	erial # / Lot # PDC1 LOT-008061-2020	Q1 2	y. Customer N	lame Customer Order #		
Asso	ciated Cores Inforr	mation					•	
	Part #	Serial # / Lot #	On WO Qty.	NFF?	Remarks	New Part #	Tap here to launch Split Mair Core to split the particular	1
Ø	:10973-PDC1	LOT-008061-2020	1	No	Only 1 qty available		Core from Main Core	
¢	:10973-PDC1	LOT-008061-2020	1	Yes	Diff WC No man power		8	_
©	Main Core	siated Core				Updated Cores sho	I Main Core and Associated own here	
			Upo	late		View S	Split Core	

Exhibit 4: Identifies the Edit/Delete functionality of Manage Cores screen

0 AM T	ue 13 Oct						≈ 20%
Shop	Execution		Mana	ge Cores			
WO # WO-00	Status)0025-2020 Plar	Par nned :10	rt # Serial # / Lot # 1973-PDC1 LOT-008061-202	Qty. 2	Cus	tomer Name Customer Order #	
ssocia	ated Cores Inform	nation					
	Part #	Serial # / Lot #	On WO Qty.	NFF? R	emarks	New Part #	Tap here to launch the Modify Main Core popup
0	:10973-PDC1	LOT-008061-202	20 1	No O	nly 1 qty available		
LOT-	-008061-2020	1	Yes Diff WC N	o man power		😚 Edit	Delete
O Ma	in Core 🜘 Assoc	iated Core				Swipe	left to Edit/Delete a record
			U	odate		 ♥ Vie 	w Split Core

Exhibit 5: Identifies the new Associate Main Core popup of Manage Cores screen

AM Tue 13 Oct			-		२ 20%
Shop Execution		Manag	e Cores		
WO # Status WO-000025-2020 Planned	ł	Part # Serial # / Lot # :10973-PDC1 LOT-008061-2020	Qty. 2	Customer Name Custo	mer Order #
ssociated Cores Informat	ion				Đ
Part #	Serial #	Associate Main Core		New F	Part #
() :10973-PDC1	LOT-00	Part #	Serial # / Lot #		S
() :10973-PDC1	LOT-00	On WO Oty.	NFF?	_	9
			No	•	
		New Part #			
		Remarks			
		Ad	dd		
O Main Core O Associate	d Core		Tap here to	add the associate co	res
		Upo	late		 View Split Co

Exhibit 6: Identifies the new Modify Main Core popup of Manage Cores screen

WO # Status		Manag	e Cores			1
WO-000025-2020 Plann	ned	Part # Serial # / Lot # :10973-PDC1 LOT-008061-2020	Qty. 2	Customer N	ame Customer Order #	
Associated Cores Inform	ation					Đ
Part #	Serial #	Modify Main Core		\otimes	New Part #	
LOT-008061-2020	1	Part #	Serial # / Lot #		~	
()- :10973-PDC1	LOT-00	:10973-PDC1	LOT-008061-2020			57
		On WO Qty.	NFF?			
		1	No	-		
		New Part #				
				_		
		Remarks				
		Only 1 qty available				
				_		
			0k	_		
🕼 Main Core 🕼 Associa	ated Core		lap here to n	hodify the as	ssociate cores	
			lato		O Vie	w Solit C

Exhibit 7: Identifies the new Split Main Core popup of Manage Cores screen

9 AM Tue 13 Oct Shop Execution			Manag	e Cores				२ 20%
WO # Status WO-000025-2020 Plar	nned	Part # Seria :10973-PDC	al # / Lot # C1 LOT-008061-2020	Qt <u>j</u> 2	у.	Customer	r Name Customer Order #	
ssociated Cores Inform	nation							Đ
Part #	Serial # /	Lot #	On WO Qty.	NFF?	Remarks		New Part #	
0 :10973-PDC1	LOT-008	Split Main	Core			8		9
🕞 :10973-PDC1	LOT-008	Split Qty.		Dispositi	on	_		9
		NFF?		Consolid	lated Order			
		No	•	YES		•		
		Remarks						
		Only 1 qty av	vailable					
	isted Care		S	olit Ta	ap here to sp	olit the co	res	
(O Main Core (G Assoc	iated Core							
			Üpo	late			⊙ Vi	ew Split C

Exhibit 8: Identifies the new View Split Core popup of Manage Cores screen

9 AM Shop	Tue 13 Oct			Mana	age Cores			२ 20
WO #	Status 000025-2020 P	P lanned :	lart # Serial # / Lo 10973-PDC1 LO	t # F-008061-202	Qty. 20 2	Custom	er Name Ci	ustomer Order #
ssoc	iated Cores Info	ormation						Ģ
	Part #	Serial # / Lot #	ŧ On	WO Qty.	NFF? Remark	5	Ne	w Part #
Vie	ew Split Core							6
	Part #	Serial # / Lot #	On WO Qty.	Split Qty.	Generated SWO #	SWO Status	NFF?	Remarks
(C	:10973-PDC1	LOT-008061-2020	0 0	1	FWO-000026-2020		YES	Diff WC No man po.
(C-	:10973-PDC1	LOT-008061-2020) ()	2	FWO-000027-2020	Completed	YES	Same WC later for r
O N	lain Core 🜘 Ass	ociated Core						
				U	pdate			 View Split

Ability to generate CoM for Shop Work Order in MechanicAnywhere

Reference: APRP-1300

Background

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

This facility is available in Shop Work Order component in desktop and a similar provision is required in Shop Execution screen of MechanicAnywhere.

Change Details

- A new screen Issue Certificate of Maintenance is introduced which will be launched on tap of Issue CoM link in Shop Execution screen of MechanicAnywhere.
- Issue Certificate of Maintenance screen will be launched based on different modes: Fresh/ Replace/ Approved CoM and is structured as follows:
 - Screen header shows the SWO # and Job Type of the respective SWO #.
 - Shop Work Order Info: shows the high level info of the referenced SWO # from Shop Execution screen.
 - Certificate Info: shows the information on the CoM # if generated earlier.
 - Issue and Reference Details: Shows all the relevant controls required to capture the issue and reference details along with toggles to determine the type of work done. Attachments section is also provided in order to capture any attachments done against a CoM #. Toggles turn ON/OFF will behave same as in desktop based on the applicable set options.
 - Certificate Details: Shows the details like Certifying Authority, Certifying Type and other relevant details required to issue CoM #. A list edit icon is provided to select multiple Certifying Authority(s).
 - Record Statistics: Shows the information regarding the Employee Name and Date & Time of the one who Created, Modified and Approved CoM #.
 - **Buttons:** Buttons like Create, Save, Approve, Cancel and Replace will be shown based on the context of Creating CoM, Modifying CoM, Approving CoM, Cancelling CoM or Replacing

CoM.

Issue Certificate of Maintenance in Shop Execution

Certificate of Maintenance for a Shop Work Order can be generated in MechanicAnywhere from the **Issue CoM** link available in the **Shop Execution** screen. On tap of Issue CoM link from the Action Tray of Shop Execution, a new screen **Issue Certificate of Maintenance** will be launched.

Note: Issue Certificate of Maintenance screen can be launched only for a Shop Work Order in Completed/Closed status.

Create CoM

- If no CoM has been issued for a SWO # yet, then the Issue Certificate of Maintenance will be launched in a Create mode where users can enter relevant details for creating CoM in Issue & Reference Details, select the Certifying Details and then tap on Create button to Create CoM.
- Create CoM popup will be launched and user can enter the details for allowing creation of CoM.
 Dual Authentication is also supported during creation of CoM.
- On tap of Create from Create CoM popup, CoM # will now be generated in 'Fresh' status and the Create button will be replaced by Save, Approve and Cancel buttons. Record Statistics section will now show the details of the Employee who created CoM # along with the Created Date & Time in the Created By section.

Modify CoM

- If CoM has been issued in Fresh status for a SWO #, then users can modify relevant details of the CoM # generated from the sections Issue & Reference Details and Certifying Details and then tap on Save button to Modify CoM.
- **Modify CoM** popup will be launched and user can enter the details for allowing modification of CoM. Dual Authentication is also supported during modification of CoM.
- On tap of Ok from Modify CoM popup, CoM # will now be modified to the details as modified by the user. Record Statistics section will now show the details of the Employee who modified CoM # along with the Modified Date & Time in the Modified By section.

Approve CoM

- If CoM has been issued in Fresh status for a SWO #, then users can approve the CoM # by tapping on Approve button.
- Approve CoM popup will be launched and user can enter the details for allowing approval of CoM. Dual Authentication is also supported during approval of CoM.
- On tap of Approve from Approve CoM popup, CoM # will now be generated in 'Approved' status

and the Save, Approve and Cancel buttons will now be replaced with a Replace button. Record Statistics section will now show the details of the Employee who approved CoM # along with the Approved Date & Time in the Approved By section.

Cancel CoM

- If CoM has been issued in Fresh status for a SWO #, then users can cancel the CoM # by tapping on Cancel button.
- Warning message prompting the user if the CoM has to be cancelled or not will be shown.
- On tap of Yes, the respective CoM # will be shown in 'Cancelled' status and the Save, Approve and Cancel buttons will now be replaced with a Replace button.

Replace CoM

- Replace CoM # can be performed only if an existing CoM for a SWO # is in either 'Cancelled' or 'Approved' status.
- On tap of Replace button, the Issue Certificate of Maintenance screen will be rendered in the same Create mode with the Replaced Certificate # control in the Certificate Info section showing the CoM # against which Replace button was tapped.

Exhibit 1: Identifies the new Issue	CoM link in	Shop Execution
-------------------------------------	-------------	----------------

Васк		Sh	op Execution			
Vork Order # Type WO-000025-2020 FWO	Work Center # 185-20	Job Type Piece Part	Customer Name	Qty. 2	Status Planne	ed 🗹
Nain Core Part Info.	Not Applicat	ole (C- Request	Work Order Info.			Part
art # 10973-PDC1	Serial #/Lot # LOT-008061-2020	Component #	Repair Process Code Calibration	Event # FWO-000025-2020	Order Priority NRM	Initia 1-RE
tock Status veos Owned	Part Description		Order Description Associate & Split AUT			Next WC
sk & Discrepancies	Task #/ Discre	Tap here to	launch the Issue Ce	rtificate of		
sk & Discrepancies	Task #/ Discre	Tap here to Maintenance	launch the Issue Ce e screen	ertificate of		
sk & Discrepancies NSTD0013132019 t1	Task #/ Discre	Tap here to Maintenance	launch the Issue Ce e screen	rtificate of		
sk & Discrepancies NSTD0013132019 t1	Task #/ Discre	Tap here to Maintenance	launch the Issue Ce e screen	rtificate of	Tess ►	
sk & Discrepancies NSTD0013132019 t1	Task #/ Discre	Tap here to Maintenance	launch the Issue Ce e screen	rtificate of	Less ►	
sk & Discrepancies NSTD0013132019 t1	Task #/ Discre	Tap here to Maintenance	launch the Issue Ce e screen	rtificate of	Less	

Exhibit 2: Identifies the new Issue Certificate of Maintenance screen for Create CoM

Shop Execution	Issue Certificate of Maint	tenance owo-000449-2018	Component SWO # along w	ith Job Type
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 #	op Work Order Inf
Issue and Reference Details		Certificate Details		
Numbering Type Paper Doc	# Ref Doc # / Rev #	Certifying Remarks	Details f	or creating CoM to
Pay Data Final Dispo	sition Shelf Life Evo Date	Task Desc: Testing M	ech Repair Discrepancy be in bo Reference	th Issue and ce Details and
1-Repair	 ✓ 05/05/2022 		Certifica	te Details sections
Work Status Repair		Eligibility	Print Option Certifying Type All items on one	
Inspect Re Modify	epair Overhaul Overhaul	Certifying Authority		
Inspected/Tested Te	sted	Record Statistics		
Attachments	€ ⊘	Created By	💋 Modified By 🖌 🖌 Approved By	
<	>			
Attachm	nents section	Create	Tap here to launch Create CoM popup	

Exhibit 3: Identifies the new Create CoM popup in Issue Certificate of Maintenance screen

Shop Execution	Issue Certificate of Mainter	nance 0W0-000449-2018 Co	nponent 🐮 🗮
	Certificate Status	Printed? No. of Copies	Replaced Certificate #
Jacua and Pafaranae Dataila	Create CoM		8
Numbering Type Paper Doc #	Employee # 00041263	Employee Name Allen Paul	ancy
	Primary Work Center # 185-20	License #	
	Authorization # CVA/01/29	Authorization Ref # CVA/01/29	ine - 8130-3 -
	Skill # B2-INS	Date and Time 01/06/2020 10:27:26	۲ ۳
	Login Password	Pin ••••	
Attachments		Create	
	>		here to Create CoM in 'Fresh' status

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Exhibit 4: Identifies CoM in Fresh status in Issue Certificate of Maintenance screen

Shop Execution	Issue Certificate of Ma	aintenance 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 #	CoM # generated in Fresh status
ssue and Reference Details		Certificate Details		
lumbering Type Paper Doc :	# Ref Doc # / Rev #	Certifying Remarks		Information captured during CoM
COM ~ CVA/01/2	29 AH/01/2020	Task Desc: Testing N	ech Repair Discrepancy	creation to be shown here
ev Date Final Dispo	sition Shelf Life Exp Date			
02/06/2020 🗟 1-Repair	- 05/05/2022	E		
Vork Status		Eligibility	Print Option Certifying Typ	Je
Repair			All items on one 👻 8130-3	
		Cortifying Authority		
Inspect Re	opair Overhaul	FAA, EASA, CASA		
Modify	New Prototype	C		
nspected/Tested Te	sted	Record Statistics		
Attachments	•	Created By	💋 Modified By 🛛 🖌 App	proved By
<		Allen Paul 01/06/2020 10:27:26	_	Created By info shown here

Exhibit 5: Identifies the new Modify CoM popup in Issue Certificate of Maintenance screen

Shop Execution	Issue Certificate of Mainter	nance 0W0-000449-2018 Cor	mponent	* ≡
Part # Serial/ Lot # OS22981B:F1958DS msn-001				
Certificate # COM-000123-2020	Certificate Status Fresh	Printed? No. of Copies No I 0	Replaced Certificate #.	
Issue and Reference Details				
Numbering Type Paper Doc # COM ← CVA/01/29	Employee # 00041263	Employee Name Allen Paul	ancy	
Rev Date Final Dispositio	185-20	LIC-0120		
Work Status Repair *	Authorization # CVA/01/29 Skill #	Authorization Ref # CVA/01/29 Date and Time	Certifying Type ne - 8130-3	
Inspect Carlos Repai	B2-INS	02/06/2020 10:27:26	e la	
Modify New Inspected/Tested Teste	Login Password	Pin ••••		
Attachments		Ok	ied By Appro	
	>	Tap here to m	nodify the CoM	
	Save	pprove Cancel		



Exhibit 6: Identifies the modified CoM in Issue Certificate of Maintenance screen

Part # Serial/Lot # Work Center # Station Name Component # Gy. Customer Name Customer Order # OS22981B:F1958DS msn-001 185-20 Trenton A102737 01 Customer 8 CO-00779001 Certificate # Certificate Status Printed? No. of Copies Replaced Certificate # Image: Component # Gy. COM-000123-2020 Presh No 0 Image: Certificate # Image: Certificate # Numbering Type Paper Doc # Ref Doc # / Rev # COM CVA/01/29 AH/01/2020 Rev Date Final Disposition Shelf Life Exp Date 02/06/2020 Image: Certifying Nemarks Work Status Repair Inspect Repair New Prototype Inspect Modify New Prototype Attachments	Shop Execution	Issue	Certificate of Mainte	nance 0w0-000449-2018 0	Component		* ≡
Certificate # Certificate Status Printed? No. of Copies Replaced Certificate # No 10 Image: Certificate Status Issue and Reference Details Numbering Type Paper Doc # Ref Doc # / Rev # COM CVA/01/29 AH/01/2020 Rev Date Final Disposition Sheff Life Exp Date 02/06/2020 Inspect 1-Repair Inspect Repair Overhaul Modify New Prototype Inspect/Tested Tested Attachments Attachments Certificate Bit	Part # Serial/ Lot # OS22981B:F1958DS msn-0	Work Center 001 185-20 Tr	r # Station Name enton	Component # Qty. A102737 01	Customer Name Custome Customer 8 CO-007790	er Order # 001	
Issue and Reference Details Numbering Type Paper Doc # CVA/01/29 AH/01/2020 Rev Date Disposition 1-Repair 05/05/2022 Work Status Repair Inspect Repair Overhaul Modify New Prototype Attachments Certifying Authority	Certificate # COM-000123-2020	Certificate S Fresh	itatus	Printed? No. of Copies No 0	Replaced Certificate #		•
Numbering Type Paper Doc # Ref Doc # / Rev # COM CVA/01/29 AH/01/2020 Rev Date Final Disposition Shelf Life Exp Date 02/06/2020 1-Repair 05/05/2022 Work Status 05/05/2022 Work Status Repair Inspect Repair Overhaul Certifying Authority Inspected/Tested Tested Tested Prototype Attachments Certifying Authority	ssue and Reference Detai	ls		Certificate Details			
COM CVA/01/29 AH/01/2020 Rev Date Final Disposition Shelf Life Exp Date 02/06/2020 1-Repair 05/05/2022 Work Status 05/05/2022 Repair Inspect Repair Overhaul Inspect of Tested Tested Tested Tested	Numbering Type F	Paper Doc #	Ref Doc # / Rev #	Certifying Remarks			
Rev Date Final Disposition 02/06/2020 I-Repair 05/05/2022 Work Status Repair Inspect Repair Overhaul Inspected/Tested Tested Prototype Record Statistics Record Statistics	COM -	CVA/01/29	AH/01/2020	Task Desc: Testing Me	ch Repair Discrepancy		
02/06/2020 Inspect Repair Inspect Repair Overhaul Inspected/Tested Tested Inspected/Tested Tested Inspected/Tested Tested Image: Certifying Authority Record Statistics Record Statistics	Rev Date F	inal Disposition	Shelf Life Exp Date				
Work Status Repair Inspect Repair Overhaul Modify New Prototype FAA, EASA, CASA Record Statistics Record Statistics	02/06/2020	1-Repair 👻	05/05/2022				
Repair Inspect Repair Overhaul Modify New Prototype Attachments	Nork Status			Eligibility	Print Option	Certifying Type	
Inspect Repair Overhaul FA, EASA, CASA Modify New Prototype Record Statistics	Repair -				All items on one	8130-3	
Inspect Repair Overhaul Orented By Control B							
Modify New Prototype FAA, EASA, CASA Inspected/Tested Tested Record Statistics Attachments Constant Ry Modified Ry	Inspect	Repair	Overhaul	Certifying Authority			
Modify New Prototype Record Statistics Attachments Prototype Prototype Record Statistics				FAA, EASA, CASA			
Attachments	Modify	New 🔵	Prototype				
Attachments	nspected/Tested	Tested					_
Attachments				Record Statistics			
lie created by Modified by Approved by	Attachments		+ 🖉	Created By	💋 Modified By	Approved	Ву
Allen Paul Allen Paul			\ \	Allen Paul	Allen Paul		
01/06/2020 10:27:26 02/06/2020 10:27:26 Modified By info			>	01/06/2020 10:27:26	02/06/2020 10:27:26	Modifie	ed By info s

Exhibit 7: Identifies the new Approve CoM in Issue Certificate of Maintenance screen

Shop Execution	Issue Certificate of Mainte	enance 0W0-000449-2018 Co	omponent	* ≡
Part # Serial/ Lot # OS22981B:F1958DS msn-001				
Certificate # COM-000123-2020	Certificate Status Fresh	Printed? No. of Copies No I 0	Replaced Certificate #	
Issue and Reference Details	Approve CoM		\otimes	
Numbering Type Paper Doc # COM ~ CVA/01/29	Employee # 00041383	Employee Name	ancy	
Rev Date Final Dispositio	Primary Work Center #	License #		
02/06/2020 1-Repair	185-20	LIC-0120	Certifying Typ	
Repair -	Authorization #	Authorization Ref #	ne = 8130-3	
Inspect Repair	Skill # B2-INS	Date and Time 09/06/2020 10:27:26	識	
Modify New	Login Password	Pin		
Inspected/Tested	•••••	••••		
Attachments		Approve	ied By 🛛 💽 App	
	>	Tap here to	approve CoM	
	Save	Approve Cancel		



Exhibit 8: Identifies CoM in Approved status in Issue Certificate of Maintenance screen

〈 Shop Execu	ion		ไรรเ	e Certificate of Maint	enance owo-000449-2018 0	Component	3	5 ≡
Part # Serial/ Lot OS22981B:F1958	# BDS ms	n-001	Work Cent 185-20 1	er # Station Name Trenton	Component # Qty. A102737 01	Customer Name Custome Customer 8 CO-007790	er Order # 101	
Certificate # COM-000123-203	20		Certificate Approved	Status	Printed? No. of Copies No 0	Replaced Certificate #		CoM #
ssue and Refere	nce Det	ails			Certificate Details			
Numbering Type		Paper Doc #		Ref Doc # / Rev #	Certifying Remarks			
COM	-	CVA/01/29		AH/01/2020	Task Desc: Testing Me	ech Repair Discrepancy		
Rev Date		Final Disposition	n	Shelf Life Exp Date				
02/06/2020	ing.	1-Repair	-	05/05/2022				
Work Status					Eligibility	Print Option	Certifying Type	
Repair	-					All items on one	8130-3	*
							(Z
Inspect		Repair		Overhaul	Certifying Authority			
Modify		New		Prototype)			
Inspected/Tested		Tested			Record Statistics			
Attachments				() 🕑	Created By	💋 Modified By	Approved E	by A
<				>	Allen Paul 01/06/2020 10:27:26	Allen Paul 02/06/2020 10:27:26	Luke Garer 09/06/2020 10:27	2:26
					Replace	Save, Approve & C replaced with Repl	Cancel buttons ace button	

Exhibit 9: Identifies Issue Certificate of Maintenance screen in Replaced mode

Shop Execution	Issue Certificate of Mainte	enance 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 # COM-000122-2020	Replaced Certificate # shown here
Issue and Reference Details		Certificate Details		
Numbering Type Pape	r Doc # Ref Doc # / Rev #	Certifying Remarks		
×		Task Desc: Testing N	lech Repair Discrepancy	
Rev Date Final	Disposition Shelf Life Exp Date			
Work Status		Eligibility	Print Option Certifying Typ	e
Repair 👻			All items on one	·
		Certifying Authority		
Inspect	Repair Overhaul Overhaul			
Modify	New Prototype			
Inspected/Tested	Tested	Record Statistics		
Attachments	• 📀	Created By	💋 Modified By 🛛 🖌 App	roved By
<	>			
		Create		

Ability to record direct part consumption and return at Package level from eLog

Reference: APRP-973

Background

During closure of a package in MechanicAnywhere mobile application, users would like to view the count of all pending part consumption and return. Since Parts Return count is available only at task/discrepancy level, it is difficult to find at package level against which task/discrepancy the part consumption and return has to be recorded before package closure.

Therefore, a new provision is required wherein users can see the Parts Return counts and status across tasks and discrepancies at package level.

Change Details

- New count display showing both Pending and Total counts for Parts Return which is similar to the one in eLog – Task tab is provided in the package header section in order to view the overall Pending Return at package level.
- 2. Parts Consumption screen is now renamed to Part Consumption & Return screen.
- On click of pending Parts Return counts at package header level for Package #, Part Consumption & Return screen will be launched and all parts pending for return and consumption to be recorded will be filtered and shown in the left pane of the screen in the increasing order of Seq #.
- 4. Certain realignment has been made in the Part Consumption & Return screen header. Task#/Discrepancy# is now changed to Editable control with smart search enabled. This smart search will fetch only task and discrepancies inside the respective Package # against which Part Consumption & Return screen is launched.
- 5. If user wants to view for a particular task/discrepancy return, then the smart search can be used to search and filter results for a particular task/discrepancy.



<			E-Log			ء 🐮
Aircraft Reg # Model # JS-101 A320-211	Log Card # Ref. # LC-000105-2020	Station Montreal	Date & Time 17/04/2020 13:40:00	FH 1.00	FC 1	Status Planned
MSN # JS-10101	Part Request	Component Repl.	Parts Return 0/0 Pending	Attachmen	ts	0
End All Clocks	Record Timesheet			New of Return	count for Parts n at Package lev	vel
			🔺 Less			
Manage Package	Maint./Pilot Discrepancy	Maint. Events & Task	Preview and Acceptance	Fuel / Oil	Uplift	
Task Mainten	ance Events		Task Details			
+ Due List	Task St	ow only Open Items	NSTD0008462	2019 00-00 Ai	ircraft	• 00:00:00 +
Task # / Task Descrip	tion / ATA #		Ccd			
CC D NSTD000846201910	00-00		Part Request	Componen 0/0 Pending	t Repl. Parts Retu	0 Resources 0
			Discrepancy		Status	Exec.Comments
			+ Record D	iscrepancy	Planned Z	Execution Comments
			Sign Off By	z		
			MECHANIC	IN Pe	SPECTOR	

Exhibit 1: Identifies the Parts Return count section at eLog package header level.

Exhibit 2: Identifies the changes in Part Consumption & Return screen



Ability to view multiple Corrective Actions against a Discrepancy in MechanicAnywhere

Reference: APRP-860

Background

Discrepancies recorded might require multiple Corrective Actions in order to rectify and close the same. Sign off requirements is recorded and captured at corrective action level. Currently in MechanicAnywhere only the corrective action that is recorded at the last is shown in both eLog and Discrepancy Card. This makes it difficult in order to view all the corrective action recorded against the discrepancy along with its sign off requirement.

Change Details

To facilitate display of multiple Corrective Actions, the following changes have been done in **Mechanicnywhere**:

- eLog Maint./Pilot Discrepancy tab right pane realigned in order have explicit section for Corrective Action. Corrective Action section is now made swipeable in order see across corrective actions.
- A new current view/total count is shown in the corrective action section in eLog. This will facilitate the view for users when swiping across corrective actions.
- An Action Tray introduced in Discrepancy Card screen which allows users to perform multiple actions: Status Change (Current Status along with Edit icon), Edit Discrepancy (Along with edit icon), Part Cons. & Return and Task Card Digitization along with clock on/off icons.
- New tabs: 'Problem & Res. Details' and 'Corrective Action' are introduced in Discrepancy Card and existing tabs: 'Associate Repair Task' and 'Resolution History' moved alongside of new tabs.
- Problem & Res. Details tab renders the same controls realigned to provide a much better layout.
- New corrective action tab provides a dedicated tab for viewing all the corrective actions recorded against the respective discrepancy along with its sign off requirement. Users will be able to perform sign off, edit corrective action and also add new corrective action from this tab. On tap of the different Sign Off Requirements, e-Sign Off popup will be launched for performing sign off. Edit icon is provided beside each corrective action to launch 'Edit Discrepancy' popup in order to edit either Corrective Action description or sign off requirements of a particular corrective action. New Corrective Actions can be added from the top '+' icon that will launch 'New Corrective Action' popup.

Exhibit 1: Identifies the changes in eLog - Maint./Pilot Discrepancy tab

5:59 PM Tue 13 Oct						Ģ	11%	
<pre>< eLog</pre>		e	Log				8	
Aircraft Reg# I Model 101 I A310	Log Card # I Ref. # LP-000423-2020	Station Trenton	FH 227.00	FC 101	Status In-Pro	gress		
Manage Package	Maint./Pilot Discrepancy	Maint. Events & Task	Preview and Acceptance	iel / Oil Uplift				
+ Record Discrepanc	cy Write-up	pancies 9	Discrepancy Details					
Discrepancy Oper	n 2 Closed 0 Defe	erred 1	LP-000423-2020/4	ĩ	٠	00:00:00	+	
Discrepancy # / Discre	repancy Description / ATA #	Į.	Description Dp-4		Act	ion derResolutio	on 🗹	
Dp-2 LP-000423-2020/3	MIREP Under	Resolution						
Dp-4 LP-000423-2020/4	MIREP Under	Resolution	Part Request Con 0/0 Pending +	mponent Repl. Parts Returned 0/0 + Pending +	n) ing	Resources 0		
			Corrective Action	+		3/4	0	
Corrective	e Action description	to be	Ca3				Nev	w traversal provided for navigating
shown he	ere along with its signers	n off	Sign Off By				acro	oss Corrective Actions
requirem			MECHANIC RICHARD O. 00001413	INSPECTOR RICHARD O. 00001413	9			
							1	

Exhibit 2: Identifies the new Problem & Res. Details tab in Discrepancy Card

Clog Discrepancy Card LP-000423-2020/1 Log Item # Maint Object Source Doc # I Type Source Task # LP-0004 101 IA310 LP-000423-2020 I Line ATA # Station Name Work Center # O'OO Trenton 185-20 Vinder Resolution C Den Total Open Total O'OO Tenton 185-20 Vinder Resolution C Task Card Digitalization Vinder Resolution C Edit Discrepancy Problem & Res. Details Corrective Action Associate Repair Task Resolution History Problem & Res. Details Corrective Action Associate Repair Task Resolution History Problem Balls Corrective Action Associate Repair Task Resolution History Problem Balls Ourcent Docé I Type UrderNod23-2020 I Line Package Action Date Deferred By Problem & Res. Details 0000001 01-27-2020 10:29:16 AM Virge I Item# Reason Problem & Res. Details	Discrepancy Card LP-000423-2020/I tem # Maint Object Source Doc # I Type Source Task # is Station Name Work Center # UnderResolution is Station Name Work Center # is Station Name Work Center # is Station Name Work Center # is Station Name Work Center # Is Set Discrepancy is Station Name Work Center # UnderResolution is Edit Discrepancy	9 PM Tue 13 Oct			奈 11% □	
Log Item # Maint Object LP-0004 101 IA310 ATA # 00-00 Trenton Us5-20 UnderResolution 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	term # Maint Object Source Doc # I Type Station Name b Station Name c Name b Station Name c Name b Station Name c Name	eLog	Discrepancy Card LP	-000423-2020/4	₽	
Inder Resolution Contractive Action Problem & Res. Details Corrective Action Associate Repair Task Resolution History Problem Details Description Dp-4 Reported By 00:00:00 Reported By 01:27:2020 10:29:16 AM Resolution Date Deferred By Type I Item# Reason Reason Resolution Re	solution i Edit Discrepancy i Part Cons. & Return Task Card Digitalization 00:00:00 + 00:00 + 00:	Log Item # Maint Object LP-0004 101 IA310 ATA # Station Name 00-00 Trenton	Source Doc # I Type Source Task # LP-000423-2020 I Line Work Center # UnderResolution 185-20	Discrepancy F Open Total 0 0	'art Request Comp. Repl. Open Total O O	Action Tray
Problem Details Resolution Details Description	oblem Details secription Resolution Details useription <td< td=""><td>nder Resolution 🗹 Edit Dis Problem & Res.Details</td><td>crepancy 🗹 🎾 Part Cons. & Return 🥏 Task C Corrective Action Associate Repair Task</td><td>Card Digitalization Resolution History</td><td>► 00:00:00 +</td><td></td></td<>	nder Resolution 🗹 Edit Dis Problem & Res.Details	crepancy 🗹 🎾 Part Cons. & Return 🥏 Task C Corrective Action Associate Repair Task	Card Digitalization Resolution History	► 00:00:00 +	
Description ▷ Current Doc# I Type Dp-4 LP-000423-2020 I Line Package Reported By 01-27-2020 10:29:16 AM 01-27-2020 10:29:16 AM Action Date 08-04-2020 03:48:04 PM Type I Item#	secription +4 -4 -4 -4 -4 -4 -4 -4 -4 -4	Problem Details		Resolution Details		
Reported By Reported By Action Date Deferred By 00000001 01-27-2020 10:29:16 AM 08-04-2020 03:48:04 PM Problem & Res. Deta Type I Item# Reason	Action Date Deferred By 01-27-2020 10:29:16 AM Action Date Deferred By Problem & Res. Details tab Type I Item# Reason	Description 🗹 Dp-4		Current Doc# I Type LP-000423-2020 I Line Package		
Type I Item# Reason	Type I Item# Reason More achments	Reported By 00000001	Reported By 01-27-2020 10:29:16 AM	Action Date 08-04-2020 03:48:04 PM	Deferred By	& Res. Details tab
@ More	achments			Type I Item#	Reason	
	achments 🕒 🕑				 More 	
Attachments 🗧 🖉		Attachments			+ •	



Exhibit 3: Identifies the new Corrective Action tab in Discrepancy Card

PM Tue 13 Oct					奈 11% 🗖	•
Log	Discrepancy	Card LP-000423-	2020/4		, i i i i i i i i i i i i i i i i i i i	
Log Item # Maint Object LP-0004 101 IA310	Source Doc # I Type Source T LP-000423-2020 I Line	Fask #	Discrepancy	Part Request	Comp. Repl. 🕂	
00-00 Trenton	185-20		0 0	0 0	0 0	
der Resolution 🗹 Edit Discrepar	ncy 🗹 🎉 Part Cons. & Return	Task Card Digitalization	on		• 00:00:00 +	
Problem & Res.Details	Corrective Action Associate F	Repair Task Resolu	ution History	Co	prrective Action +	Add Correction Action from
Corrective Action		Sign Off By				Add Correction Action from
Concouver Action		Sigh Oir By				here
Ca-4		MECHANIC RICHARD 00001413	INSPECTOR RICHARD 00001413	Ø	ß	here
Ca-4 Ca2		MECHANIC RICHARD 00001413 MECHANIC RICHARD 00001413	INSPECTOR RICHARD 00001413 INSPECTOR RICHARD 00001413	#	ď 🗸	here Edit Correction Action and it sign off requirement from
Ca-4 Ca2 Ca3	tiple Correction	MECHANIC RICHARD 00001413 MECHANIC RICHARD 00001413 MECHANIC RICHARD 00001413	INSPECTOR RICHARD 00001413 INSPECTOR RICHARD 00001413 INSPECTOR RICHARD 00001413	8 6 8 1		here Edit Correction Action and it sign off requirement from

Exhibit 4: Identifies the new Associate Repair Task tab in Discrepancy Card

org Discrepancy Card LP-000423-2020/4 Ig Item # Maint Object Source Doc # I Type Source Task # P-0004 101 IA310 LP-000423-2020 I Line Discrepancy + Part Request + Comp. Re CA # Station Name Work Center # UnderResolution Image: Comp. Re Open Total Open	rivi Tue 13 C							÷ 119
Item # Maint Object Source Doc # I Type Source Task # Image: Comparison of the c	Log		Dis	crepancy Card LP-0	00423-2	020/4		
TA # Station Name Work Center # UnderResolution Open Total Open T	Log Item # LP-0004	Maint Object 101 IA310	Source Doc # I Type LP-000423-2020 I Line	Source Task #		Discrepancy	+ Part Request	+ Comp. Repl.
Resolution I Edit Discrepancy I Problem & Res. Details Corrective Action Associate Repair Task Resolution History	ATA # 00-00	Station Name Trenton	Work Center # 185-20	UnderResolution	•	Open Tota	al Open Tot	tal Open Tot.
Resolution I Edit Discrepancy I Image: Constant Co			0	^				
Problem & Res.Details Corrective Action Associate Repair Task Resolution History	er Resolution	Edit Discre	pancy 🗹 🎽 Part Cor	ns. & Return 🥏 Task Card	d Digitalizatior	1		• 00:00:00
	Problem	& Res.Details	Corrective Action	Associate Repair Task	Resolut	ion History		
Tasks # Description Exec.Status Sign Off Status Exec.Doc	Tasks #	Des	scription		Exec.	Status	Sign Off Status	Exec.Doc
Tasks # Description Exec.Status Sign Off Status Exec.Doc	Tasks #	Des	schption		Exec.	Status	Sign Oir Status	EXec.DOC

Exhibit 5: Identifies the new Resolution History tab in Discrepancy Card

Log Item # Maint Ot LP-0004 101 IA31	oject Source Doc a	# I Type Source Task 020 I Line	#	Discrepancy 🕂	Part Request	Comp. Repl.
ATA # Station 00-00 Trentor	Name Work Cente 185-20	er # UnderReso	olution	Open Total	Open Total	Open Tota
der Resolution 🗹	Edit Discrepancy 🗹 🏷	- Part Cons. & Return 🥏	Task Card Digitalizat	ion ution History		00:00:00
Corrective Action	Action	Performed Date & Time	Rectified By	Inspected By	Ref. Doc #	Sign Off Comm
Ca-4		01-27-2020 10:29:16 AM			LP-000423-2020	
Ca2		08-04-2020 03:23:02 PM			LP-000423-2020	
Ca3		08-04-2020 03:27:11 PM			LP-000423-2020	
Ca2	UnderResolution	08-04-2020 03:29:30 PM	00001413		LP-000423-2020	Z
	UnderResolution	08-04-2020 03:29:53 PM	00001413		LP-000423-2020	I
Ca3			00001413		LP-000423-2020	
Ca3 Ca2	UnderResolution	08-04-2020 03:30:57 PM	00001413			
Ca2 Ca4	UnderResolution	08-04-2020 03:30:57 PM 08-04-2020 03:47:49 PM	00001413		LP-000423-2020	

Ability to record multiple oil uplifts against a single Package in eLog of MechanicAnywhere

Reference: APRP-1309

Background

'Multiple oil uplifts cannot be recorded against an Exe. Ref. Doc. # through the Fuel / Oil uplift screen of eLog in MechanicAnywhere.

Change Details

Fuel/Oil Uplift

The control type of "Fuel/Oil Log #" is modified to combo UI and new icon "Add Button" is added in the header besides Uplift Date & Time. On launch of 'Fuel/Oil Uplift' tab in eLog screen, the control 'Fuel/Oil Log #' loaded with the latest Fuel / Oil Log # recorded for the respective Package # against the Aircraft Reg # if recorded, otherwise it will display as BLANK.

If user taps on 'Add' button in the header section of 'Fuel/Oil Uplift' tab, system clears the values in all the tabs, Fuel/Oil Log # and shows only the Uplift Date & Time with the station date & time and enables as a new transaction to be done. If user enters values in any of the tabs: Fuel Distribution / Fuel Usage Details / Oil Uplift / Hydraulic Uplift and on tap of Save, will generate new 'Fuel/Oil Log #' for the respective transaction and display in the control 'Fuel/Oil Log #'. The values entered against the Fuel/Oil Log # will be saved.

If user selects a value from the combo 'Fuel/Oil Log #' in the header section of 'Fuel/Oil Uplift' tab, system will Refresh and show the corresponding values in the tabs: Fuel Distribution / Fuel Usage Details / Oil Uplift / Hydraulic Uplift, saved against the respective 'Fuel/Oil Log #' selected by the user.

Exhibit 1: Identifies the Fuel/Oil uplift in eLog

Pad ᅙ			4:22 AM					🕭 13% 🔳
E-Log			E-Log					
ircraft Reg# I Model 23YX ERJ175	Log Card # I Ref. # VP-016101-2018	Station LGA-LA GUARDIA	Date & Time 24-05-2018 1	0:00:00	FH 680.00	FC 185.00	Status In-Pro	gress
Manage Package	Maint./Pilot Discrepancy	Maint. Events & Task	Fuel / Oil U	plift	Preview and Acceptance			
Fuel/Oil Log #	~	Uplift Date & Time	25-05-20	18		Q		
Fuel Distribution	Fuel Usage Details	Control Type	0	l Uplift	Hydralic Uplift	Newl	y added bu	utton
Fuel Type	Fuel Receipt #	button	Posi	tion & Part/	Serial Info.	Arrival	Uplift	Departure
		-		72-10-EN CF34-8E5	IG-LH			
Uplift From	Trading Parter #	Fuel Transfer Details		902224	0.00			
•				CF34-8E5	G-RH			
Uplift for Internal Use	Uplift for Customer Us	e Customer #		193250 49-10-AP	NJ .			
			O	45050011 HSC-E143	B 33188P			
Usage Category	Remarks		%	COMP 6087T09 107108	G01:66983			
						🛞 Engi	ne 🔘 APU	🛠 Others

AI/ML Suggestions for Frequently Requested Parts based on Alternate Parts Coverage

Reference: APRP-1133

Background

In MechanicAnywhere, AI/ML Suggestions for Frequently Requested Parts based on Alternate Parts Coverage will add more value in the existing feature of Manage Frequently Requested Parts.

Change Details

Common Master

A new process parameter 'Consider Direct Alternates for Frequently Requested Parts Suggestion in MechanicAnywhere?' is added under the Entity Type 'Mobility and Entity 'MechanicAnywhere' in the **Set Process Parameters** screen of the **Define Process Entities** activity with the following permitted values:

- 0 (No) Existing Behavior System will not consider Direct Alternates for Frequently Requested Parts Suggestion in MechanicAnywhere.
- 1 (Yes) System will consider Direct Alternates for Frequently Requested Parts Suggestion in MechanicAnywhere.

Create Material Request - Task

If the process parameter "Consider Direct Alternates for Frequently Requested Parts Suggestion in MechanicAnywhere?" is set as '1' (Yes) and the Process Parameter "Show parts frequently requested together based on Part Relationship definition or MR history" under Entity Type "Package Type" and Entity "All user defined packages including Log Card" in **Set Process Parameters** screen of **Common Master** business component is set as '1', MR History and the Requested Part # is a direct alternate to any Part (one way or two way) as in **Maintain Alternate Part Nos.** screen and the Part # and Task (if applicable) having history of MR with other Part Nos. (based on the instance), then system lists all the Frequently Requested Parts of Part Requested and its Alternates in the Pop-up.

Create Material Request – Discrepancy description similarity

If the process parameter "Consider Direct Alternates for Frequently Requested Parts Suggestion in MechanicAnywhere?" is set as '1' (Yes) and the Process Parameter "Show parts frequently requested together based on Part Relationship definition or MR history" under Entity Type "Package Type" and Entity "All user defined packages including Log Card" in **Set Process Parameters** screen of **Common Master** business

component is set as '1', MR History and the process parameter "Basis to identify parts frequently requested together in Material Requests during Discrepancy execution" under Entity Type "Package Type" and Entity "All user defined packages including Log Card" in **Set Process Parameters** screen of **Common Master** business component is set as '0', Discrepancy Description Similarity and the Requested Part # is a direct alternate to any Part (one way or two way) as in **Maintain Alternate Part Nos.** screen and the Part # and Discrepancy (if applicable) having history of MR with other Part Nos. (based on the similarity of Discrepancy Description), then system lists all the Frequently Requested Parts of Part Requested and its Alternates in the Pop-up.

Create Material Request – Source Task # of Discrepancy

If the process parameter "Consider Direct Alternates for Frequently Requested Parts Suggestion in MechanicAnywhere?" is set as '1' (Yes) and the Process Parameter "Show parts frequently requested together based on Part Relationship definition or MR history" under Entity Type "Package Type" and Entity "All user defined packages including Log Card" in **Set Process Parameters** screen of **Common Master** business component is set as '1', MR History and the process parameter "Basis to identify parts frequently requested together in Material Requests during Discrepancy execution" under Entity Type "Package Type" and Entity "All user defined packages including Log Card" in **Set Process Parameters** screen of **Common Master** business component is set as '1', Source Task # of the Discrepancy and the Requested Part # is a direct alternate to any Part (one way or two way) as in **Maintain Alternate Part Nos.** screen and the Part # and Discrepancy (if applicable) having history of MR with other Part Nos. (based on the Source Task # of the Discrepancy), then system lists all the Frequently Requested Parts of Part Requested and its Alternates in the Pop-up.

Exhibit 1: Identifies the Frequently Requested Together pop-up

iPad 🗢		9:0	00 PM			@ :	82% 💻
Task Card Details	Create Material	Requests 5879470	TWO DAY REPETI	TIVE INSPECTI	ON		
Task Status Exe.D	oc TypelDoc #	Work Center #	Maintenance Object	MR Priority		Need Date	
Planned RON I	VP-022866-2018	IND-RON	435YX	Normal	~	07-30-2018	
Add Now Parts			Deuto Addad				
Add New Faits	Frequently Requested T	ogether			\times		
Add Part From	Part#	Part Description	0.0				
Part Information	M83248/1-928	O-Ring KLX					
Part# M83248/1-928	Part #	Part Descript	ion ()ty. I	UOM		
Oty Required	572744-17	Filter Elemen	t	2	EA		
1		Wine Onfette		-	F 4		
Stock Status	MIS20995C2055	wife safety		1	EA		
	1387	Lock Wire Sea	al	2	EA		
Specific Requ	M83248/1-906	O-Ring KLX		2	EA		
		-					
			Add				
	Add Part				agost alt	ornato nart	
			f	requently rec	quested r	barts also	
		ĺ	<u>-</u> +				

Ability to configure notifications from MechanicAnywhere

Reference: APRP-1031

Background

User can manually enable or disable the respective notifications whichever he/she wants to notify during the execution. Hence, provision to configure notifications from MechanicAnywhere is required.

Change Details

Hamburger Menu

A new bell icon is added in the Hamburger Menu of MechanicAnywhere to launch the **Configure Notifications** screen.

Configure Notifications

This screen will list down all the applicable notifications categorized in to three parts. Task Assignment, Package Release and Material Request. The notification will only be visible if it is enabled in the **Set Process Parameters** screen under Entity Type 'Notification' and Entity 'MechanicAnywhere' of **Define Process Entities** activity. In this new UI, against each notification, toggle will be available to turn ON/OFF the notification with Submit button. User can turn on/off toggle against the notification and submit will save it against the user.

List of Notifications:

- Assignment of a Task to a Mechanic
- Release of a Package for Execution
- Purchase Order raised for Material Request
- Stock Transfer raised for Material Request
- Shipping Note Confirmed for the Stock Transfer issue raised for Material Request
- Allocation of Parts for a Material Request

Exhibit 1: Identifies the Hamburger Menu

1:26 PM Tue 4 Aug						◆ ⊕ Gi 12%
Dmuser Ranco	(*	c	alendar			*
Anciality MED-AVE		To Do	kotsualis		Today 🔘	
OU - Role RANCO OU Parece Role		04 ~ 10	0 August 2020			
YUL 100-00		6	7	8	9	10
= * 🗔						
Calendar						
To Do List						
Execution Document		A new	Bell icon in	the hambur	ger	
Smart Action		the Con	nd on tap c figure Notifi	of it will laur cations UI	h	
eLog	*					
Task	*					
Discrepancy						
Component Replacement	*					
Material Request	+					

Exhibit 2: Identifies the Configure Notifications screen

	Configure Notifications	0 🛎 🗉
Task Assignment Assignment of a Task to a mechanic Package Release	User can enable or disable the corresponding notification using the toggle	-0
Release of a package for execution		
Material Request Purchase order raised for material request Stock Transfer raised for material request		8
Shipping note confirmed for the stock transfer is	sue raised for material request	ŏ
Allocation of Part for a material request		
	Submit	

Ability to specify specific Serial # / Lot # using a help page during Create MR in MechanicAnywhere

Reference: APRP-977

Background

When requesting a specific LOT/SN, there is no way to select a LOT/SN from available Qty. The SN or Lot must be entered manually. The requirement is to request for a Specific LOT/SN as in the Work Reporting Hub screen, which uses a help-on search.

Change Details

Specific Serial/Lot entry pop-up

Whenever user requests for Specific Serial # / Lot # from Create Material Request in MechanicAnywhere, the pop-up that launches to enter Specific Serial #/Lot # has to be enhanced to display the available Serial # / Lot # for the Part requested in the selected warehouse.

Serial Controlled Part

If the requested part is a serial controlled part, the pop-up has to be launched with the following columns in the ML with selectable checkbox against each row in the left end:

- 1. Serial # will fetch all the available serials for the requested Part in the requested warehouse
- 2. UOM will fetch the UOM of each Serial #
- 3. Condition will fetch the condition of the Serial #
- 4. Stock Status will fetch the stock status of the Serial #

Lot Controlled Part

If the requested part is a lot controlled part, the pop up has to be launched with the following columns in the ML with selectable checkbox against each row in the left end.

- 1. Lot # will fetch all the Lot # available for the requested Part in the requested warehouse
- 2. UOM will fetch the UOM of each Lot #
- 3. Condition will fetch the condition of the Lot #
- 4. Stock Status will fetch the stock status of the Lot #
- 5. Avail. Qty. will fetch the quantity available in each Lot #

Serial-Lot Controlled Part

If the requested part is a serial-lot controlled part, the pop-up has to be launched with the following columns

in the ML with selectable checkbox against each row in the left end:

- 1. Serial #/Lot # will fetch all the Serial # Lot # available for the requested Part in the requested warehouse.
- 2. UOM will fetch the UOM of each Serial # Lot #
- 3. Condition will fetch the condition of the Serial # Lot #
- 4. Stock Status will fetch the stock status of the Serial # Lot #

Exhibit 1: Identifies the Pop-up for Serial Controlled Part.

Serial # UOM Condition Stock Status SL1 EA Serviceable Avoes Owned SL2 EA Unserviceable Accepted SL3 EA Serviceable Customer Owned
SL1 EA Serviceable Avoes Owned SL2 EA Unserviceable Accepted SL3 EA Serviceable Clustomer Owned
SL2 EA Unserviceable Accepted
SL3 FA Serviceable Customer Owned
SL4 EA New Accepted
SL5 EA New Accepted
Ok Cancel



Exhibit 2: Identifies the Pop-up for Lot Controlled Part.

000-9 Electrica Aveos O 1	9999 al Test Harness wned EA				(
	Lot#	UOM	Condition	Stock Status	Avail. Qty	_	
	Lot-01	EA	Serviceable	Avoes Owned	5		
	Lot-02	EA	Unserviceable	Accepted	3		For a lot controlled
	Lot-03	EA	Serviceable	Customer Owned	2		part, will list all the available lots in the
	Lot-04	EA	New	Accepted	4		specified warehouse
	Lot-05	EA	New	Accepted	3		
			Ok	cel			

Exhibit 3: Identifies the Pop-up for Serial - Lot Controlled Part

000-99999 Electrical Test Harness Aveos Owned 1 EA			8	
Serial #/Lot #	UOM	Condition Serviceable	Stock Status Avoes Owned	For a serial controlled part, will all the available se
Lot-001-2020 SL-002-2020 Lot-001-2020	EA	Unserviceable	Accepted	warehouse
SL-003-2020 Lot-001-2020	EA	Unserviceable	Accepted	
	Ok	Cancel		
Ability to filter Pending Return parts in the Parts Consumption Tab of MechanicAnywhere

Reference: APRP-969

Background

Business need is to provide the ability to display the parts that are pending for excess return. This is accomplished by adding a pending return toggle to the Parts Consumption Tab. The addition of new toggle button will allow the users to more easily view which parts are pending excess return.

Change Details

Parts Consumption

The Pending Direct Consumption toggle available under the Part Consumption tab has to be removed/deleted and instead of which a new button bar has to be introduced (with applicable counts on it) having the below 3 clickable options:

- 1. All
- 2. Pending Direct Consumption
- 3. Pending Return

This enhancement is applicable for both SWO and AME. On launch of the Part Consumption page, default the first tab "Part Consumption" and default "All" in the button bar available under the tab with all records fetched in this tab and the first record is selected and loaded in the right pane.

Count Logic

All - Displays the count of all part consumption records that are available against the "All" option of the button bar, which includes Pending Direct Consumption and Pending Return counts.

Pending Direct Consumption - Displays the count of all direct part consumption records (i.e. records having no Issue reference) that are saved but not yet confirmed against the "Pending Direct Consumption" option of the button bar.

Pending Return - Displays the count of all normal consumption records (i.e. records having an Issue reference) which have one or more quantity pending for excess return against the "Pending Return" option of the button bar.

Click Logic

All - On click of "All" option of the button bar, system retrieves and displays all the part consumption records including direct part consumption and pending return records in the left pane and the first record is selected and loaded in the right pane.

Pending Direct Consumption - On click of "Pending Direct Consumption" option of the button bar, system retrieves and displays all the direct part consumption records (i.e. records having no Issue reference) that are saved but not yet confirmed in the left pane and the first record is selected and loaded in the right pane.

Pending Return - On click of "Pending Return" option of the button bar, the system retrieves and displays all the normal part consumption records (i.e. records having an Issue reference) which have one or more quantity pending for excess return in the left pane and the first record is selected and loaded in the right pane.

Search Logic

All - Based on the search input, the count of button bar vary accordingly. If user searched on with Part P1 in Parts Consumption tab in the Part List section, "All" tab should filter and fetch the part consumption details in which Part P1 is referred in the left pane and the first record is selected and loaded in the right pane. Display the count of same in the button bar 'All'.

Pending Direct Consumption - Based on the search input, the count of button bar varies accordingly. If user searched on with Part P1 in Parts Consumption tab in the Part List section, "Pending Direct Consumption" tab should filter and fetch the direct part consumption details (i.e. records having no Issue reference that are saved but not yet confirmed) in which Part P1 is referred in the left pane and the first record is selected and loaded in the right pane. The count of same is displayed in the button bar 'Pending Direct Consumption'.

Pending Return - Based on the search input, the count of button bar varies accordingly. If user searched on with Part P1 in Parts Consumption tab in the Part List section, "Pending Return" tab should filter and fetch the normal part consumption details (i.e. records having an Issue reference which has one or more quantity pending for excess return) in which Part P1 is referred in the left pane and the first record is selected and loaded in the right pane. The count of same is displayed in the button bar 'Pending Return'.

Exhibit 1: Identifies the Parts Consumption screen in MechanicAnywhere.

39 PM Fri 17 Apr			₹ 7 64
E-Log		Parts Consumption	
Execution Doc #/Type LP-000559-2020/Line Package Task#/Discrepancy# NSTD0008512019	Seq # 1 Description Part Consumption	Maint Object B767-200/1133	Status In-Progress
Parts Consumption 1 Part Part List	ts Return 1	+ Part Information	
All 01 Pending Direct Consu	Imption 01 Pending Return	O00000584_LT O0000584_LT NSTD0008512019 Parts Consumption Req Iss Used 01 01 01 01 01	on Aveos Owne
00000384_L1 0000384_L1 NSTD0008512019 Parts Consu 00000584_L1 L0T-007668-2020 MIS-007427-2020 MR-003930-202	mption	Pending Quality Return Information	
Click of Pending F display all the per	Return will ading return	Issue Details Return Pending Parts	
		Record C	onsumption

Ability to set Request Mode when raising Material Request from MechanicAnywhere

Reference: APRP-968

Background

Currently, the provision to set Request Mode when raising Material Request is available only in desktop. The requirement is to provide the ability to set the request mode when raising Material Request in MechanicAnywhere.

Change Details

Create Material Request

A new drop-down control "Request Mode" is added in 'Add New Parts' section. The Request Mode dropdown is loaded with the values 'Normal', 'Conditional Req.' and 'Force Req.'. By default the drop-down displays the values 'Normal'. The "Request Mode" control is displayed only if user selects AME package and perform material request in MechanicAnywhere. This enhancement is applicable for AME alone.

Note: For the options selected above, the effectivity of the part is checked only if the "Part # - Model # Effectivity Check" drop-down list box is set as "Enforce" in the **Set Options** activity of the **Stock Maintenance** business component.

Request Mode - Normal

If user enters Part details in **Create Material Request** screen and selects Request Mode as Normal and "Part # - Model # Effectivity Check¹" drop-down list box is set as "Enforce" in the **Set Options** activity of the **Stock Maintenance** business component and the entered part is not effective for the Aircraft Reg # or the Model #, then system will validate the user on tap of 'Add Part'.

Request Mode - Conditional Req.

If user enters Part details in **Create Material Request** screen and selects Request Mode as 'Conditional Req.' and "Part # - Model # Effectivity Check'" drop-down list box is set as "Enforce" in the "Set Options" activity of the "Stock Maintenance" business component and the entered part is not conditionally effective for the Aircraft Reg # or the Model #, then system will validate the user on tap of 'Add Part'.

Request Mode - Force Req.

If user enters Part details in Create Material Request screen and selects Request Mode as 'Force Req.' then

system saves the transaction on tap of 'Add Part', regardless of any effectivity.



49 PM Tue 21	l Jul						? ®	49% 🔳
eLog		Crea	ate Material Request	s NST-050494-202	20 T1			
ask Status	Exe.Doc #1 Type		Work Center #	Maintenance Object	MR Priority		Need Date	
-progress	LC-031247-2020 L	og card	YUL-100-00	1133	Normal	•	2020-07-21	(111)
Add New Par	rts		Inquire stock availability	Parts Added				
Direct	Entry				Parts Available	Req	uested Parts Not Ava	ilable
Part Inform	ation							
Part#		Part Descri	otion					
000:99	999	ELECTRIC	AL TEST HARNESS					
Qty Req	uired UOM	Warehouse	#					
	1 🐼 EA	0123	-					
Stock St	atus	Remarks						
	*							
Request	Mode							
Normal	•		New drop-down co Request Mode add	ontrol ed				
Spec	and Hequest							
Conditio	n Substitu	te Part #	Substitute Type #					
	Ad	id Part						
		_	(4				
			ci	eate				

Ability to default Alternate Part # toggle as ON when launching the Stock Inquiry screen

Reference: APRP-967

Background

This enhancement provides the ability to default Alternate Part # toggle as ON, when launching the Stock Inquiry screen in MechanicAnywhere App.

Change Details

Common Master

A new process parameter 'Default Alt. Part toggle in Stock Inquiry of MechanicAnywhere?' is added under the Entity Type 'Mobility' and Entity 'MechanicAnywhere' in the **Set Process Parameters** screen of the **Define Process Entities** activity with the following permitted values:

- 0 (No) Existing Behavior System will not default 'Incl. alternates' toggle in Stock Inquiry screen of MechanicAnywhere
- 1 (Yes) System will default 'Incl. alternates' toggle in Stock Inquiry screen of MechanicAnywhere

Stock Inquiry

If the process parameter "Default Alt. Part toggle in Stock Inquiry of MechanicAnywhere?" is set as "1" (Yes) and user launches **Stock Inquiry** screen, then default the 'Incl. alternates' toggle in "ON" position.



Exhibit 1: Identifies the Stock Inquiry screen in MechanicAnywhere

vec doc typelDoc #	Tack #ITack na	me	Work center #
xec.uoc typetboc #	Task # Task Ha	ine	work center #
Warehouse information			
Storage location	Warehouse #	Zone #	Bin #
8	•	•	•
Storage information			
Mfr. Serial / Lot #	Condition	Trading Partner Type	Trading Partner #
		-	•
Fishing shares			
incl. alternates	. qty in kit Se	arch Clear	
Incl. alternates Incl	. qty in kit Se Varehouse list	Advance search 🔺	
Part list Based of	. qty in kit Se Warehouse list on the process	Advance search 🔺	
Part list Based of parame	. qty in kit Warehouse list on the process ter, this toggle will be	Advance search	
Part list Based of parame	Warehouse list Warehouse list on the process ter, this toggle will be bd ON	Advance search 🔺	
Part list Based of parame defaulte	Warehouse list Warehouse list on the process ter, this toggle will be ad ONI	Advance search 🔺	
Part list Based of parame dofaulte	Warehouse list Warehouse list on the process ter, this toggle will be ad ONI	arch Clear Advance search 🔺	
Part list Based of parame dofaulta	Warehouse list Warehouse list on the process ter, this toggle will be ad ONI	arch Clear Advance search 🔺	
Part list Based of parame defaulte	Warehouse list Warehouse list On the process ter, this toggle will be ad ONI	Advance search 🔺	

Ability to manage notifications for shared devices in MechanicAnywhere

Reference: APRP-1100

Background

In an organization multiple mechanics may share one device during the execution of their work. Sometimes it is not easy for a mechanic to identify the notification belonging to him from the hundreds of notification. So there should be a way to manage the notifications in the shared devices as a convenient manner.

Change Details

- If the user has not logged out, then he/she will continue receiving push notifications even if the app is not running (closed/killed). This will work as long as the user is not logged out or another user took that iPad and logged in with the new credentials.
- Even the user logged out from device, still he can login and see the notifications in Notification Center. All the notifications will be saved in the Notification Center and user can see at any time after logging into MechanicAnywhere, but he will get the push notifications only if he is logged into the device.

Ability to view MR/CR count in eLog at Package level

Reference: APRP-672

Background

During completion or closure of a package, user would like to view the count of all pending Material Requests, Component Replacements and Part Returns of that package. Since we have Material Requests, Component Replacements and Part Returns counts at task/discrepancy it is difficult to find against which task/discrepancy the MR/CR is done in order to close before package completion.

Change Details

This enhancement brings a new provision wherein users can see Material Requests, Component Replacements and Part Return counts and status across tasks and discrepancies at package level.

- A new count display for Part Request, Component Repl. & Part Return which is similar to the ones in eLog – Task tab to be provided in the package header section in order to view the overall MR, CR & Part Return counts at package level
- User can tap on the respective counts to see the list of the Material Requests or Component Replacements or Part Returns in that package across all the tasks and discrepancies.

Exhibit 1: Identifies changes in 'eLog' of MechanicAnywhere



Reject Sign Off for Shop Work Order in MechanicAnywhere

Reference: APRP-666

Background

Sometimes when the Mechanic or Inspector is not satisfied with the work done, they cannot Sign Off/ Void that Task/ Discrepancy. In that case they will reject the Sign Off for Task/Discrepancy.

Change Details

Common Master

A new process parameter 'Restrict Rejecting of Sign Off for Shop Work Order in MechanicAnywhere?' has been introduced under the Entity Type 'Mobility' and the Entity 'MechanicAnywhere' in the **Define Process Entities** activity of **Common Master** with the following permitted values:

- 0 (No) System will show the reject button for shop work order tasks and discrepancies
- 1 (Yes) Existing Behavior System will hide the 'Reject' button and user can not reject a task/discrepancy.

E-Sign Off pop up

Add a new 'Reject' button in E-Sign Off popup for Shop Work Order Tasks and Discrepancies to reject a Task/Discrepancy. If the user sets the value for the set option 'Restrict Rejecting of Sign Off for Shop Work Order in MechanicAnywhere?' as '0' for No, the Reject button will appear in the E-Sign Off pop up for the shop work order tasks/discrepancies and user can reject the same.

Exhibit 1: Identifies changes in 'E-Sign Off' pop up of MecanicAnywhere for shop work order tasks and discrepancies.

10:29 P	M Sun 18 Oct				œ 83% ■)
< Та	sks		Task Card Details		
Task 00-0	Desc DO	Maint. Object EO-Part - A104202	Exec.Doc # I Type CWO-009065-2020 - CWO	Discrepancy + Part Request - Open Total Open Total	Comp. Repl.
Plan 2020 14:0	Dates and Time)/Sep/24-2020/Se 9:21 15:09:2	co# ep/24 CO-008361-2 1	Customer # - Name 400007 - Customer 8	0 0 0 0	0 0
Planr	ned 🕅 Sigr	E-Sign Off		8	00:00:00
		Sign Off By	Employee ID	Employee Name	•
	Sub Task	Mechanic	00000001	Dmuser Ramco	View Documents
	Sub Tasks		Date and Time	Skill #	ctor
	00-00		Comments	Reject button in E-	Sign Off pop
~					sky discrepancy
			SignOff Void F	Reject	
	 Attachmer 	its			

Ability to specify the component details while recording discrepancy through MechanicAnywhere

Reference: APRP-216

Background

In Aircraft Maintenance execution screen where user can manually create and work on Aircraft as well as Component applicable discrepancies, currently user can enter the component details for a discrepancy in 'Action Change' pop for the 'Part Change – Close' action. But it will be very useful if the user can give the component details at the time of creation of discrepancies itself.

Change Details

This enhancement brings the ability to capture the component details at the time of creation of the discrepancies. User can see the component details from the eLog as well as the **Edit Discrepancy Card** popup.

User can capture the component details from **Create Discrepancy** screen and **Record Discrepancy Write up** popup. User can edit the component details from Create Discrepancy screen, **Record Discrepancy Write up** popup and **Edit Discrepancy Card** popup.

Exhibit 1: Identifies changes in in Maint./Discrepancy tab of eLog' of MechanicAnywhere.

< E-	-Log			E-L	og		
Aircraf	lt Reg# I Model A310	Log Card #1 Ref. # LP-000423-2020	Station Trenton		FH 2.00	FC 1	Status In-Progress
Mar	nage Package	Maint./Pilot Discrepancy	Maint. Events & Task	Pr	eview and ceptance	el / Oil Uplift	
	+ Record Discr	epancy Write-up 📔 🕂	Add Discrepancies 5		Discrepancy Details		
Dis	crepancy Open	3 Closed 0	Deferred 0		LP-000423-2020/1		+ +
	screpancy # / Discre sdsdsdsdsd LP-000423-2020/1 Dp-2 LP-000423-2020/3	MIREP	UnderResolution	>	Action UnderResolution	On click of t details section the deta	he header Componen on will be visible only i ils are available in it
3	Dp-4 LP-000423-2020/4	MIREP	UnderResolution	>	DOMINIC . S. 00041383	Nicholas W. 00000001	
					Part# 014963:P3625 Part Description Engine	Serial# 841-101	Position Code ENG-LH

Exhibit 2: Identifies changes in in Discrepancy Card of MechanicAnywhere.

1	E-Log			Discro	nancy Card I P-0	00422-	2020/2	2				
	E-LOG			Discre	paricy card LP-0	00423-	2020/	5				
	Log Item # LP-00042	Maint Ob 101 IA31	ject 0	Source Doc # I Type LP-000423-2020 I Line F	Source Task #	•	Disc	crepancy 🕂	Part Req	uest 🕂	Comp. Re	epl.
	ATA #	Station N	lame	Work Center #	UnderResolution		Op	en Total	Open	Total	Open	Total
	00-00	Trenton		185-20			(0 0	0	0	0	0
•	Execution Info	Ø	Problem	n Details		00:00:00	+	Resolution D	etails 戻		ß,	r +
Þ	Reference Info	Ø	Descrip Dp-2	tion 🗹				Corrective A	Action			
•	Delay And Incident	Ø						Current Doc	:#IType			
•	Deferral Details	Ø						LP-000423-	2020 I Line	Package		
	Details		Reporte	Componen	it Details in left			Action Date 03-27-2020	14:41:29		Action	Ø
•	Component Details		000000	pane of Dis	crepancy Card							
			000000					Deferred By			Type I It	em #
			01-27-2	020 10:03:25				Bassan			1 mor	re
			Attachm	ents		0		Cise Of I				
			Audonni	unto				Sign Off E	sy			
								Nicholas 0000000	INIC W. d	Nict 000	DECTOR Nolas W. 00001	
			Asso	ciate Repair Task Res	solution History							
			Tesles	Descalation				- Clat	01 04 0	A	Cure Dee	

<			Disc	repancy Card LP-0	00521-2020/	/1		* ≡
	Log Item # LP-00042	Maint Object . 101 IA310	Source Doc #1 Type LP-000423-2020 Line P					
		Station Name Trenton	Work Center # 185-20					
		E	dit Discrepancy Card				\otimes	
18	Execution Info	Pr	Execution Info					
	Reference Info		Reference Info	Part#		Serial#		
. 6	Delay And Incident	×	Delay Incident Info	Position Code				
	Deferral Details	Ø	Deferral Details				skage	
		Provis	Component Details					Type I Item #
		Compo user mis	onent Details, if the ssed to update while	Save				
		creati	ng the discrepancy			Nicholas 1	N. 3 Nic	

Exhibit 3: Identifies changes in in Edit Discrepancy Card pop up of MechanicAnywhere.

Exhibit 4: Identifies changes in in Create Discrepancy screen of MechanicAnywhere.

<		Create Di	screpancy			* ≡
Type MIREP *	Log Item#	ATA# 00-00		Source Task# LP000521-20	020/1	Main Object# B767-200 1133
		Reported By 00000001	.20.02 00	Repair Class	On sel Clos section	ection of 'Part Change – se, Component Details will expand automatically
Reference Details Parts Required Major Item	Corrosion Relate Repea	t O	Resolution	n Details		Action Part Change - Close Action Date & Time 04/02/2020 16:05:56
Attachments		e Contraction Contractico Cont	Sign Off R Mechanic	equirements	pector	RII
Component Details Part#	Serial#	Position	Code			
L	Add	Add & Sigr	Off History	Clear		



Exhibit 5: Identifies changes in Discrepancy Write Up pop up of MechanicAnywhere.

<		E - Log		* ≡
	Discrepancy Write Up		8	
	Type Log Item#	ATA# 00-00	Source Task# 0000-876-0007996	
			On selection of 'Part Change – Close, Component Details	
	Reference Details	Resolution Details	section will expand automatically	
	Parts Required	Corrective Action	Action	
	Conosion Related		Part Change - Close 🗸 👻	
	Major Item Repeat		Action Date & Time	
			04/02/2020 12:49:59	
	Attachments \bigcirc	Sign Off Requiremen	Inspector RII	
	Component Details			
	Part# Serial#	Po	ssition Code	
	Create	Create & Sign Off		

Ability to control Void/Reversal of Sign Off for both AME and SWO in MechanicAnywhere based on set options

Reference: APRP-206

Background

Sign off is one of the major actions when working on a Task/Discrepancy. In some cases, we need to limit certain users from Void/ Reversal actions during Sign Off.

Change Details

A new process parameter "Restrict Voiding of Sign Off in MechanicAnywhere?" is added under the Entity Type 'Mobility' and Entity 'MechanicAnywhere' in the **Set Process Parameters** screen of the **Define Process Entities** activity with the following permitted values:

- 0 (No) Existing Behavior System will allow to void the Task/Discrepancy, the Void button will be visible and user can void the Task/Discrepancy.
- 1 (Yes) System will not allow to void the Task/Discrepancy, the Void button will be hidden.

A new process parameter "Restrict Reversal of Sign Off in MechanicAnywhere?" is added under the Entity Type 'Mobility' and Entity 'MechanicAnywhere' in the **Set Process Parameters** screen of the **Define Process Entities** activity with the following permitted values:

- 0 (No) Existing Behavior System will allow to reverse the sign off for Task/Discrepancy, the 'Reverse' button will be visible and user can reverse the sign off for Task/Discrepancy.
- 1 (Yes) System will not allow to reverse the sign off for Task/Discrepancy, the 'Reverse' button will be hidden.

Exhibit 1: Identifies changes in 'E-Sign Off	' pop up of MecanicAnywhere.(Restricting Void)
--	--

< Task	(S	Task C	ard Details 2 NSTD0007282019) Non Routine	
Task De Re	estricting t	Maint Object	Exec.Doc #1 Type -200 LP-000512-2020 - Line Package	Discrepancy + Part Reques	st 🕂 Comp. Repl. ∔
Plan Da 03-18- 16:32:6	ites and Time 2020-03-18-20 08 17:32:08	CO#	Customer # - Name	0 0 0	0 0 0
		E-Sign Off		(8
Planned	d 🗹 Sigr	Sign Off By	Employee ID	Employee Name	• 00:00:00 +
		Mechanic	00000001	Nicholas W.	
	Sub Task	Inspector	Password	Pin	View Documents
	Sub Tasks		Date and Time	Skill #	ctor
	Colour of the screen have		04-17-2020 14:41:53		01
	_		Comments		
>					
			SignOff		
	Attachment	IS		If the set option Void is turned o Off button appe	n to restrict on, only Sign ears

Exhibit 2: Identifies changes in 'E-Sign Off' pop up of MecanicAnywhere.(Restricting Reversal of Sign Off)

〈 Tasks	Task Card De	tails 2 NSTD0007282	019	Non Routine		
Task Desc Ce ⁴ Pl Restricti 03-10-2020-00-10 16:32:08 17:32	Maint Object Ex VH-LCL - 008-200 LP ang the Reverse 2008	ac.Doc # I Type -000512-2020 - Line Package stomer # - Name	6	Discrepancy + Open Total 0 0	Open Total	Comp. Repl. + Open Total
In-Progress	E-Sign Off				8	• 00:00:00 +
	Sign Off By	Employee ID		Employee Nan	ne	
Sub Task	Mechanic Nicholas W. I 00000001	0000001	-	Nicholas W.		View Documents
Sub Task	4/17/2020 2:41:53 PM	Date and Time		Skill #		ctor
	Inspector	04-17-2020 14:42:30	氤	01		
Colour of screen h	i the ave	Comments				01
			`			
Attachr	nents			If the set op Reversal of 'Reverse' bu	otion to res Sign Off is utton will c	trict turned on, lisappear

Ability to print Task/Discrepancy Card from eLog in Bulk in MechanicAnywhere

Reference: APRP-548

Background

Task cards and discrepancy cards printing is a core part of Aircraft Maintenance Execution. While the same is available on the desktop, the mobile provided a digital interface for executed that allowed the user to forego the package print and go fully digital. But for users, it is still beneficial to take a print for performing tasks that require detailed instructions. So there should be a provision to print the task cards/discrepancy cards from MechanicAnywhere as well.

Change Details

This enhancement brings the ability to select task/discrepancies and print those cards as a bulk. User can see the status of printing in the header section of eLog and can print the latest generated print by tapping on the 'View Doc.' Icon.

- A new 'Select' icon added in the 'Maint. Events &Tasks' and 'Maint./Pilot Discrepancy' tab of E-Log screen for bulk printing of Tasks and Discrepancies.
- On tap of the select icon, 'check boxes' and 'Print' button will enable.
- User can select the check boxes of tasks/Discrepancies, which need to be printed.
- On tap of Print, the printing of selected Tasks/Discrepancies will be initiated.
- Once generated the print, user can see the PDF document by taping on the 'View Doc.' button. User can also print/export the PDF.
- Last generated date and time will show under the 'View Doc.' button (View Doc' icon will show only for the Login User who initiated the Printing).
- If user not yet generated any print for a package, then the status will be like 'Not Generated'.
- Once the user selects and tap on the 'Print, button, then the status will be 'Under Generation'.
- Once the PDF is generated, then 'Last Generated Date and Time will show instead of status.
- If any errors occurred then the status will be 'Error'. User can tap on the status and see the corresponding error in the popup.
 - Note: This feature is applicable only for Patria.

Exhibit 1: Identifies changes in 'eLog' header of MecanicAnywhere.



Exhibit 2: Identifies changes in 'Maint. Events & Task'/ 'Maint./Pilot Discrepancy' tab' of eLog screen

11:11 AM Thu 22 Oct					() • 🗢 100% 🗖
〈 eLog			eLog		
Aircraft Reg# I Model 101 I A310	Log Card # I Ref. # LP-000838-2020	Station Trenton	FH 257.00	FC 101	Status In-Progress
Manage Package	Maint./Pilot Discrepancy	Maint. Events & Task	Preview and Acceptance	Fuel / Oil Uplift	
Task Mainten	ance Events		Task Details		
+ Due List	Task Show onl	y Open Items	200002-01-1 00-00) Aircraft	► 00:00:00 +
Task # / Task Descrip	tion / ATA # sual Inspection of Elements 1 00-00	In-Progress	Part Request C 0/0 Pending +	Component Repl. Pa 0/0 Pending +	o/o Pending 0
Cleaning of 200121-01-1	f EWIS Installed in the Forward	d Avio 🛪 Planned	Discrepancy Record Discrept 	Status Dancy	gress
General Vis 200413-04-1	sual Inspection of EWIS Install	ed in TPlanned	Sign Off By 🗾		
Check the Ta	Boxes to select asks			Sign off not rec	uired
	Print	Print button enabled	will be		

Exhibit 3: Identifies changes in 'eLog' header after tap on Print



Exhibit 4: Identifies changes in 'eLog' header after generated the print.

25 PM Thu 22 Oct					중 67% ■
eLog			eLog		4
Aircraft Reg# I Model Js-101 I A320-211	Log Card # I Ref. # LP-000743-2020	Station Trenton	FH 10.00	FC 103	Status In-Progress
//SN # JS-10101	Part Request Co	mponent Repl. Par 0/0 Pending	ts Return 0/0 Pending	achments	• •
End All Clocks	D on 'View Doc.' to see		iew Doc. Ist Generated Date 9-16-2020 12:05:36 PM	PDF ger time wil	herated date and
lanage Package	Maint./Pilot N Discrepancy &	laint. Events Task	Preview and Acceptance	Fuel / Oil Uplift	
Aircraft Reg #	Planned Start Date & Time	Log Ref.#	Work Center #	Station	
Js-101	09-03-2020 12:56:51 PM 📾		185-20	Trenton	
Package Type	Planned End Date & Time	Ownership	Journey Log #	Flight #	Leg #
Line Pac *	09-04-2020 06:29:40 PM 📸	OWNED			
 Flight Details 					
					*
			6		

Provision to validate the Model # and License # while generation of CoM based on option setting in MechanicAnywhere

Reference: APRP-262

Background

At the time of issuing the Certificate of Maintenance, the system should check whether the Mechanic is authorized to work on the particular Aircraft Model # or not. If the mechanic did not have any license # to work on the Aircraft Model # then there should be a provision to restrict the issue of Certificate of Maintenance. In this enhancement the system will validate the License # based on Aircraft Model # which is mapped to the skill of an employee while creating the CoM based on option setting in MechanicAnywhere.

Change Details

A new process parameter "Validate Aircraft Model # while generating CoM in MechanicAnywhere ?" is added under the Entity Type 'Mobility' and Entity 'MechanicAnywhere' in the **Define Process Entities** activity of the **Common Master** business component with the following permitted values:

- 0 (No) Existing Behaviour System will not validate for License # based on Aircraft Model # which is mapped to the skill of an employee
- 1 (Yes) System will validate if Aircraft Model # is not mapped to the provided Skill # and License # in **Record Employee license Information** screen.

If the user sets the process parameter "Validate Aircraft Model # while generating CoM in MechanicAnywhere?" as "1" for "Yes", then system will check whether the Skill # which is mapped to the Licence # is mapped to the Aircraft Model # or not. If there is no mapping then the system will validate.

WHAT'S NEW IN LINEANYWHERE?

Ability to generate replenishment MR for the part requirements added against a discrepancy in LineAnywhere

Reference: APRP-688

Background

When a discrepancy is deferred due to reasons like part not available, users enter the Part # info while deferring. Once this discrepancy is added to another package, the part which was not available earlier should be available for the mechanics to work on.

Hence, a provision is required to generate Material Request for a discrepancy deferred with part requirements entered so that next time when the same discrepancy is added to another package, the part will be available for the mechanic to work on. Additionally, the Material Request generated should be a Replenishment Material Request and not a Maintenance Material Request as there are chances when the aircraft can be flown to other destination even though a Material Request is raised. The need is to just replenish the quantity of the part which was not available in stock for the discrepancy execution.

Change Details

To facilitate the generation of Replenishment Material Request from LineAnywhere, the following additions have been incorporated in Ramco Aviation:

 New process parameter to generate a Replenishment MR on discrepancy deferral from LineAnywhere is introduced under Entity Type: 'Package Type' and Entity: All user defined packages types including Log Card in the Define Process Entities activity of Common Master business component.

Process Parameter	Value	Impact in Smart Actions
Auto generate	'0' for 'No'	System will not generate Replenishment Material Request
Replenishment		on Discrepancy Deferral from LineAnywhere.
Material Request on	'1' for 'Yes'	System will generate Replenishment Material Request on
Discrepancy Deferral		Discrepancy Deferral from LineAnywhere.
from LineAnywhere?		

• On setting the process parameter above as '1' for the current package type, if the user has entered part requirements while deferring a discrepancy, then on transfer and processing of the package,

Replenishment MR will be generated.

- On transfer of the package that consists the deferred discrepancy, Material Request will be generated of the MR Class 'Replenishment' with Ref. Document # as the corresponding Package # having the deferred discrepancy in the Service Request Warehouse associated to the work center of the discrepancy only for the newly added parts requirements.
- Newly generated Replenishment MR from LineAnywhere will have the Remarks control of the corresponding MR shown as "Auto generated for Discrepancy # <%1> deferred from LineAnywhere."

Note:

- 1. Replenishment MR will not be raised again for already raised parts.
- 2. Any modification done to the parts for which Replenishment MR is already raised will be not be considered.
- 3. Replenishment MRs which are generated will not get short closed automatically on discrepancy closure. It will be closed only if all the part requirements in the Replenishment MRs are fully satisfied.
- 4. If more than 1 part is saved while deferring, all the parts will be consolidated and only one Replenishment MR will be raised.
- 5. Replenishment MRs generated from LineAnywhere will not have any linkage to the package related screens in the desktop. It can be viewed only from View Material Request screen using the Package # as Ref Document # search criteria.



Exhibit 1: Identifies the Defer popup in LineAnywhere

12:43 PM Wed 20 May					२ 36% 💽
<		eLog			
Aircraft Reg # Nose # N9807 N9807 B737	Defer			\otimes	Due Item
	Deferral Item #	Deferral Type			
r=1 Manage	1	CDL	-		
Package	Reason for Deferral	Auth.Ref.#			
Discrepancy	DAMAGE	1455			
Open 1 Close Dp-1 CDP-015756-2020 C 0 00-00 Due By 20-05-2020 0	FH FC 1 2 Parts Requirement Part # Part # n1	Calendar 1 Days Qty Qty Qty 1	UoM EA	rameters	Corrective Action
			Part be c Rep	Requirements enter considered for gener lenishment MR	ed here will ating
	Lor A view	Save		ouve	

Ability to record Fuel Oil Consumption in LineAnywhere

Reference: APRP-566

Background

Mechanics usually inspect the Fuel and Oil levels of an aircraft before every departure and uplift the Fuel and Oil based on the flight requirements. These fuel and oil details, i.e. fuel and oil readings before the arrival of the aircraft, the fuel and oil readings being uplifted and the final readings of fuel and oil in the aircraft, must be captured.

A new provision is required to capture the fuel and oil uplift for an aircraft from LineAnywhere when Maintenance execution is carried out.

Change Details

To facilitate the capture of Fuel/Oil uplift from LineAnywhere, the following changes have been made.

- New tab: Fuel/ Oil Uplift is introduced in eLog screen of LineAnywhere.
- New process parameter to display Fuel / Oil Uplift Tab in eLog screen of LineAnywhere is introduced under Entity Type 'Package Type' and Entity 'All user defined packages types including Log Card' in the Define Process Entities activity of Common Master business component.

Process Parameter	Value	Impact in Smart Actions
Display Fuel/Oil Uplift	'0' for 'No'	System will not show Fuel/Oil Uplift tab in eLog screen of
Tab in eLog screen of		LineAnywhere App
LineAnywhere App?	'1' for 'Yes'	System will show Fuel/Oil Uplift tab in eLog screen of
		LineAnywhere App

- Fuel/ Oil Uplift tab will have two sections :
 - Fuel Distribution & Fuel Usage Details
 - o Oil Uplift & Hydraulic Uplift
- Fuel Distribution and Hydraulic Uplift tabs will be shown only if there is an Item Description defined for Item Type: Fuel and Hydraulic respectively for the corresponding Aircraft Model # and Configuration Class combination of the Aircraft Reg #. Oil Uplift tab will show both Item Description defined for Item Type Oil and also from configuration by considering only Position Type with Engine and APU.
- Multiple Fuel/Oil Log # can be captured by tapping on the '+' icon. All the Fuel/Oil Log # captured against the respective Package # will be loaded in the combo Fuel/Oil Log #.

- 'Engine', 'APU', & 'Others' icons will be shown based on the following Position Types: Engine, APU and Landing Gear, Cabin & Others shown as 'Others' icon which is depicted in the legend section beneath.
- Values can be entered under Fuel Distribution / Fuel Usage Details / Oil Uplift/ Hydraulic Uplift tabs and then tap on Save to record a new Fuel/Oil Log # transaction.
- All the Fuel/Oil Log # recorded in LineAnywhere, on successful transfer of package, will show the respective 'Fuel/Oil Log #' in desktop under **Flight Log** business component.

Exhibit 1: Identifies the new Fuel/Oil Uplift tab in eLog: Fuel Distribution & Oil Uplift

10:25 AM Wed 14 Oct						중 7% 💭		
<			eLog					
Aircraft Reg # Nose # Model # 841 841 B767-200	Exec. Ref # LC-046849-2020	Package Type Line Package	Work Center / Station Sta 185-20 AIR Co More	atus mpleted	Due It	em 🕜		
Manage Discrepancies Tasks Preview and Acceptance Image / Fuel / Oil Uplift								
Fuel/Oil Log # FLOG0108	55 👻	Uplift Date & Time	2020/Oct/09 18:07:38	0				
Fuel Distribution Fuel Us	sage Details		Oil Uplift Hydraulic U	Jplift				
Position & Part/Serial Info	Arrival Uplift	Departure	Position & Part/Serial Info	Arrival	Uplift	Departure		
ACT 109-3501-04-1 Fuel2	1	2 3	APUF 69-23832-29:81205 Oil	21	23	44		
ENG-LH 014963:P3625 Fuel1	3	12 15	APUR 69-23832-29:81205 841-109	43	1	44		
Total	4	14 18	ENG-LH 014963:P3625	33	78	111		
				Engine	O APU	X Others		
		:	E Save					

Exhibit 2: Identifies the new Fuel/Oil Uplift tab in eLog: Fuel Usage Details & Hydraulic Uplift

10:25 AM Wed 14 Oct						중 7% □
<			eLog			
Aircraft Reg # Nose # 841 841 B767-200	Model # Exec. Ref # LC-046849-20	Package Type 20 Line Package	Work Center / Station S 185-20 AIR C More	Status Completed	Due l 53	tem 🕜
Manage Package	Discrepancies	Tasks	Preview and Acceptance	/ Oil Uplift		
Fuel/Oil Log # Fl	-OG010855 -	Uplift Date & Time	2020/Oct/09 18:07:38	• •		
Fuel Distribution	Fuel Usage Details		Oil Uplift Hydraulid	: Uplift		
Fuel Type	Fuel Receipt #	Tracking UOM	Position & Part/Serial Inf	o Arrival	Uplift	Departure
ATF-K10 -	zx/23	DZ -	EDP			
Uplift From	Trading Parter #	Fuel Transfer Details	10-60470-5:81205 Hydraulic	3	5	8
Internal Stock -						
Uplift for Internal Use	Uplift for Customer Use	Customer #				
2	0					
Usage Category	Remarks					
	Hghgh					
				Engine	O APU	🔆 Others
			-			
			Save			

Ramco Aviation Solution

Ability to Clock On/Off and Record Direct and Indirect Time in LineAnywhere

Reference: APRP-559

Background

A mechanic carrying out maintenance activities in LineAnywhere also needs to book time against the respective task/discrepancy he/she is working on and also if an indirect time regarding a Training/Meeting etc. also needs to be captured while working offline in LineAnywhere application. Currently LineAnywhere does not have a provision to book time against a task, discrepancy or book indirect time.

A new provision is required wherein users can book timesheet against task, discrepancy or book an indirect time, review and modify timesheet record from LineAnywhere.

Change Details

To facilitate the recording direct and indirect time from LineAnywhere, the following additions have been incorporated in Ramco Aviation:

- New icon: **Record Indirect Time** introduced in eLog at package header level which will launch Record Indirect Time popup for recording Indirect Time
- New icons: **Record Timesheet** introduced at Tasks tab and Discrepancies tab which enables clocking, viewing time and launching Record Direct Time popup for recording manual Direct Time
- Timesheet booked from LineAnywhere will be saved in Draft version and on synching Online; timesheet will be booked in the corresponding status as set in the Process Parameter if no validations pertain.
- New process parameter to display Record Timesheet icons in eLog screen of LineAnywhere is introduced under Entity Type 'Mobility' and Entity 'LineAnywhere' in the Define Process Entities activity of Common Master business component.

Process Parameter	Value	Impact in Smart Actions						
Enable Timesheet	'0' for 'No'	System will hide clock icons in eLog Tasks and						
reporting in		Discrepancies tabs and also Record Indirect Time in eLog						
LineAnywhere?	'1' for 'Yes'	System will show clock icons in eLog Tasks and						
		Discrepancies tabs and also Record Indirect Time in eLog						

Record Direct Time

- New icons for Record Direct Time for Task are provided in the eLog Tasks tab and for Discrepancy in the eLog Discrepancies tab under the Discrepancy Details tab in the header section. The three icons are as follows:
 - **Start/Stop clock icon**: Tap on Start clock to start time for a task/discrepancy. Tap on Stop Clock to record the time
 - Time duration: Shows the total time recorded for a task/discrepancy.
 - Add icon: Tap here to record a direct time for task/discrepancy. Record Direct Time popup launches with the respective task/discrepancy reference defaulted. Enter relevant details in the Record Direct Time popup and tap Save in order to record a direct time.
- On recording a direct time, Unique Identifier # will be captured in order to distinguish each time recording and the Booking Type will be captured as AME.

Record Indirect Time

- New link Record Indirect Time is provided in the eLog header. Tap on the Record Indirect Time link to launch Record Indirect Time. Enter relevant details in the Record Indirect Time popup and tap Save in order to record an indirect time.
- On recording a direct time, Unique Identifier # will be captured in order to distinguish each time recording and the Booking Type will be captured as AME.

Error Correction of Time Recording

- Any timesheet errors thrown during the transfer of Packages will be shown on Validate/Transfer in LineAnywhere. Each Error Message will be shown with the Unique Identifier # that was captured during the time recording along with a Timesheet label.
- Error Messages can be tapped and Modify Direct Time / Modify Indirect Time popup will be launched based on the time recording done if it is a Direct Time / Indirect Time respectively.
- In case not rectified in LineAnywhere app, the package can be force transferred and then rectified from desktop **Transfer Work Package Log** screen. A new column **Timesheet Errors** is introduced wherein all timesheet related errors counts will be shown. On tapping of the error counts, against the Error Entity Type: Timesheet, error messages will be shown based on the Error Entity Ref # which shows the captured Unique Identifier #.
- Each Error Messages can be rectified using the newly added attributes in the **Manage Transfer Info** popup.

Only on successful transfer of packages, timesheet will be booked in the corresponding status as set in the Process Parameter if no validations pertain.

Exhibit 1: Identifies the new Record Indirect Time link in eLog

12:03 PM Wed 14 Oct						२ 84% 🔳 (
<				eLog		
Aircraft Reg # Nose # 841 841 B767-200	Model #	Exec. Ref # LC-047898-2020	Package Type D Line Package	Work Center / Station 185-20 AIR	n Status Planned	Due Item 253
Ownership	FH 206.15000	FC 1001 191	A	ttachments		+ 6
Record Indirect Time		_	•	Less		>
Manage Package	Tap here	e to launch Ree Time popup	cord	Preview and Acceptance	Fuel / Oil Uplift	
Aircraft Reg #	Packag	ge Type Lo Package 👻	og Ref. #	Work Center #	Station Access Time AIR OHrs. 0Mins.	ß
▲ Flight Details						
Additional Details						
	(-).					
	E Save					Cancel

Exhibit 2: Identifies the new Record Indirect Time popup in eLog

12:06 PM Wed 14 Oct					중 84% ■)
<			eLog		
Aircraft Reg # Nose # M 841 841 B767-200	Model # Exec. Ref # LC-047898-2020	Package Type Line Package	Work Center / Stat 185-20 AIR	ion Status Completed	Due Item 253
Ownership FH 20	H FC 06.15000001 191	Atta	chments		• 6
Record Indirect Time	Record Indirect Time				⊗ >
	Employee #	Indirect Ca	ategory	Attendance Type	
Anage Package	0000001		•	Normal	•
	Start Date	Start Time	2	Time Classification	
Aircraft Reg #	2020/Oct/14	00:00:00	0		· Ø
	End Date	End Time		Duration(in hours)	
- Flight Details	2020/Oct/14	00:00:00	0		
	Comments				
Additional Details					
		_			
			Save T	ap here to record a	n Indirect Time
		_			
			Ē		
			Save		

Exhibit 3: Identifies the new Record Timesheet icons in eLog – Tasks tab

12:47 PM Wed 14 Oct 🗢 78	3% 🔳 ·
K eLog	
Aircraft Reg # Nose # Model # Exec. Ref # Package Type Work Center / Station Status Due Item 0 841 841 8767-200 LC-047958-2020 Line Package 185-20 AIR Planned 53	
Manage Discrepancies Tasks Preview and Acceptance Image Fuel / Oil Uplift	
Task Maintenance Events • NST-075285-202 Plan Start Date End Date Source Task/Discrep. # Image: Comparison of the start Date End Date Task-1 Name Task-1 Task-1 Task-1 Task-1	
Task# NST-075285-2020 00-00 To Due Comments Exe. Comments Add +	
Change Status Sign Off By Complete Cancel -Select State Total time recorded will be	
Sub Task List	-off
Sub Tasks Sign Off (Mechanic) Sign Off (Inspect	tor)

Exhibit 4: Identifies the new Record Timesheet icons in eLog – Discrepancies tab

12:48 PM	M Wed 14 Oct				ę	78%	
<			eLog				
Aircraf 841 8	t Reg # Nose # Model # Exec. Ref # 41 B767-200 LC-047958-20	Package Type 20 Line Package	Work Center / Station 185-20 AIR More	Status Planned	Due Item 53	Ø	
Ē ₽	Manage Package Discrepancies	Tasks	Preview and Acceptance	Fuel / Oil Uplift			
	DR-054177-2020 Under resolution Discrepancy Detail Resolution/Defen	Tap here to cloc discrepancy	k on/off	00:00:00	+	Tap here to re new time	cord
	Description	Log Item #	ATA #	Attachment			
	Dp-1	Log # / LogItem # Disc. Category	Total time recorde shown here	d will be			
More	Cabin Position #	Source Type No.					
	1E	Reported By 00000001	Reported Date & Time 2020/Oct/14 12:47:13	3 📆			
	Affected Function Defect Type AF01 DEFECT TYPE No. of Channels Equipment Categories	gory	Safety Related	Attachments	•	()	
	4 eX1	Z	Pax.Abuse?				
				E Save			

Exhibit 5: Identifies the new Record Direct Time popup in eLog tab

12:46 PM Wed 14 Oct							중 78% ■
<				eLog			
Aircraft Reg # Nose # Mo 841 841 B767-200	del # Exec. Ref # LC-047958-2020	Packa Line F	age Type Package	Work Center / Stat 185-20 AIR		Status Planned	Due Item
Ownership FH	FC		Attacl	nments			
Record	Record Direct Time					>	3 ,
Indirect Time	Task # Discrepancy # NST-075285-2020		Description Task-1		Seq # 1		,
Manage Package	Employee #	_	Exec. Ref # LC-047958-	2020	Attenda Normal	ance Type	
Task Maintenance	Start Date		Start Time	୍	Time Cl	assification	
Task-1 Task# NST-075285-2020	End Date		End Time		Duratio	n(in hours)	
Non Routine 50C	2020/Oct/14		00:00:00	0			Add 🕁
No Due	Comments						► 01:00:00 +
	Sub	IdSK LI	เรเ	Save			✓ Sign-off
	Su	Sub Tasks			iscrepar	Inspector)	

Exhibit 6: Identifies the Timesheet errors in Transfer Work Package screen

12:53 PM Wed 14 Oct				🗢 77% 🔳	
=		Tran			
Transfer Ref. # TR-026555-2018	Transferred 0	Failure 1			
Work Package List	0 Transferred 0 841 Comp 200 Kellstrom Indus	0 Error leted tries	1 Validated 0	Error 2 Exec. Ref # LC-047958-2020 3 Timesheet 'End Time' cannot be a Future Time. Please modify. 3 Timesheet 'Start Time' cannot be a Future Time. Please modify. Tap here to launch or Modify Indirect	Modify Direct Time Fime popups
Select /	NI		E) Validate	₹ Transfer	



Exhibit 7: Identifies the new Timesheet Errors column in Transfer Work Package Log screen

Itilities > Line Anywhere > Transfer Work Package Log													
* 8	* 🗉 Transfer Work Package Log RANCO OU-Ramco Role 👻 🖾 🄄 ? 🗔 🗷												
Search	Search Criteria												
		Station AIR	R	-	Work Ce	enter 185-20	-				Aircraft Reg. #		
	Shift Code 🗾 🗸 Date From /					/ To Transferred Date	▼ 2020/Oct/01 1	7:27:14 🛅 202	0/Oct/15 17:27:14				
Search													
45	All	22 E	rror	Pending	1 Validated	21 Processed	∩ Shorte	losed					
		23		0	1	21	U						
	(4 4 1 - 10/51)> >> ▼ ▼							k 🗉 🖬 🕅	2 🖹 X I	₩ 10 14 %	All	 Search 	Q
#		Package #	Aircraft Reg #	Arrival Flight #	Transfer / Load Ref #	Transfer / Load Status	Total Error Count	Package Errors	Task Errors	Discrepancy Errors	Comp Repl Errors	Timesheet Errors DL	Other Erro
1		LC-046367-2020	841	f1	TR-026632-2018	ERROR-TRANSFER	6	0	0	0	9	6	0
2		LC-045188-2020	841		TR-026687-2018	ERROR-TRANSFER	6	0				6	0
3		LC-047556-2020	841	f7	TR-026575-2018	PROCESSED	0	New	Timeshee	et Errors co	lumn	0	0
4		LC-048101-2020	841		TR-026548-2018	ERROR-TRANSFER	1	0				0	1
5		LC-048100-2020	841	f5	TR-026548-2018	PROCESSED	0	0	0	0	0	0	0
6		LC-047150-2020	1132	f1	TR-026595-2018	PROCESSED	0	0	0	0	0	0	0
7		LC-047777-2020	841	F6	TR-026564-2018	ERROR-TRANSFER	1	0	0	0	0	0	1
8		LC-047557-2020	841		TR-026575-2018	ERROR-TRANSFER	1	0	0	0	0	0	1
9		LC-047191-2020	1471		TR-026593-2018	ERROR-TRANSFER	1	0	0	0	0	0	1
10		LC-047416-2020	1471		TR-026582-2018	PROCESSED	0	0	0	0	0	0	0
				:	1								Þ
Validat	te						Proc	ess Short-Cl	ose				
Line Any	where	-> Transfer Work Packa	age			Last Login on	2020/Oct/15 at 17:2	4:48	(Server: 0.156 /	Client: 1.797)	No error(s) 🛛	58 Minute(s)	5:27 PM

Exhibit 8: Identifies the new attribute in Manage Transfer Info screen for Timesheet errors

≡r	Manage T	ransfe	r Info							2 ?	X User	-
News			Package # LC-046367-2020 💌		Error Entity Type	Timesheet	-		Error Entity Ref. # 2 💌			
~ \ 18			'Start Time' cannot be a Future Time. F	Please modify.								
			Error Message		\leq				\supset			
★ 目											Lø	K
Search Cr		-									_	Ê
			1 - 8/8 • • + • % ¥ %			人画目) × X ∓ + III † %	All 🔻 Search	Q		
	#		Attribute	Permitted Value				Value				
	2	12	Start Date	Enter date in DDMMV	- VVV format			0000001				
	3	10	Start Time	Enter time in HHMM 2	4brs format			08102020				
	4		End Date	YYY format			2331					
C-F	5		End Time	4hrs format			09102020					
4 4	6		Duration	n in 00.00 hours format			1.00					
#	7		Attendance Type	indance Type			Normal		ina			
1	8		Comments	Dir do								
2	9	1										
3												
4												
5												
6												
7												
8												
9			4							Þ		
10					s	Save						
											•	
Validate												-
Line Anyw											7 PM	

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

Reference: APRP-691

Background

In LOPA, if user double taps on the Aircraft nose, it will select the whole deck with a warning message. Now, user always wants to select only seats in the deck on double tap.

Change Details

LOPA View

Whenever user double taps on the nose of Aircraft in LOPA, the existing warning message is replaced with the new pop-up with options to select the seats/non-seats in the aircraft.

The new pop-up provides the facility to select the whole deck, only seats, only non-seats and unselect everything in the deck of the aircraft.

- If user selects 'Select Whole Deck' radio button, the pop-up will be closed and the entire deck in the aircraft will be selected. The selected seats will display all the seats/non-seats selected.
- If user selects 'Select Only Seats' radio button, the pop-up will be closed and only the seats in the deck of aircraft will be selected. The selected seats will display all the seats selected.
- If user selects 'Select Only Non-Seats' radio button, the pop-up will be closed and only the nonseats in the deck of aircraft will be selected. The selected seats will display all the non-seats selected.
- If user selects 'Unselect All' radio button, the pop-up will be closed and all the seats/non-seats in the deck of the aircraft will be deselected. The 'selected seats' will display blank.



Exhibit 1: Identifies the Select pop-up in LOPA


Defect Source to be mandatory during discrepancy creation in LineAnywhere

Reference: APRP-690

Background

The defect source field is sometimes left blank which prevents MRC from being able to accurately classify. This also impacts reports that rely on defect source. The need is to mandate the defect source in LineAnywhere during discrepancy creation.

Change Details

Discrepancy Reporting

With the help of existing process parameter 'Mandate source document details on discrepancy reporting?' at Package Type level in **Define Process Entities** activity, will mandate the source document to be selected on discrepancy reporting in LineAnywhere.

If the process parameter 'Mandate source document details on discrepancy reporting?' is set as "1" (Required for PIREP, MIREP and Cabin Discrepancies) or "3" (Required for all Discrepancy types) for the current package type, on creating discrepancy in Discrepancies tab with the Source Type No. combo or the value next to it as blank, system will validate the user on Save.



7:40 PM	Tue 19 May				₹ @ 76%	•
<				eLog		
Aircraf 842 8	t Reg # Nose # Model # 342 B767-200	Exec. Ref # LC-029138-202	Package Type 0 Line Package	Work Center / Station S 185-20 AIR II More	Status Due Item n-Progress 27	
	Manage Package	screpancies	Tasks	Preview and Acceptance		
	Discrepancy Details	Resolution	n/Deferral Details		(CR +	
	Source Type No. to I	pe	Log Item #	ATA #	Attachment	
	made mandatory		Log # / Logitem #	00-00		
			Disc. Category	Reported Station		
	Cabin Position #		Source Type No.			
More				•		
			Reported By	Reported Date & Time	-	
			00041383	19-05-2020 07:40:39	0	
	Affected Function	efect Type			Attachments 🕒 🌀	
	-	-	•	Safety Related		
	No. of Channels E	quipment Catego	ry	Day Abusa?	< >	
			9	Pakinouse.		
		1			B	
		OPA View			Save	

Corrective Action to be made mandatory when deferring the discrepancy in LAW

Reference: APRP-689

Background

Corrective action is to be made mandatory when deferring the discrepancy. This will make sure that the sign off has to be done whenever the discrepancy is deferred.

Change Details

Discrepancy Deferral

With the help of existing process parameter 'Mandate Corrective Action during Discrepancy Deferral?' at Package Type level in **Define Process Entities** activity, system will mandate the corrective action to be recorded against the discrepancy during deferral.

If the process parameter 'Mandate Corrective Action during Discrepancy Deferral?' is set as "1" (Yes) for the current Package Type, then user performs Deferral of a discrepancy by selecting Action as "Defer" for a Discrepancy without entering Corrective Action. On Save, the system will validate as "Please enter Corrective Action to proceed."



Exhibit 1: Identifies the Discrepancies tab in eLog

7:43 PM	Tue 19 May		alar		÷ ⊕ 76%∎
Aircraft 842 84	Reg # Nose # Model # 42 B767-200	Exec. Ref # Packa LC-029138-2020 Line Pa	ge Type Work Center / S ackage 185-20 AIR More	Station Status In-Progress	Due Item 27
E Ma	anage ackage	screpancies 📄 🗄 Tasks	Preview and Acceptance		
	DIS-000327-2016 Und	er resolution		Corrective Action to	pe made
	Discrepancy Details	Resolution/Deferral D	Details	mandatory on deferr	al CR 🕂
	Description			Corrective Action	
	Discrepancy 3				+
e	Action	Actual Man Hrs	Closed Station	Mechanic Inspecto	r RII
Mo	Defer -	/*		Sign-off	
	Repair Classification	Closed Date & Time	Confirmed?	Not Required	
	▼ Corrective Action Hi	story			
		<		Ē	
	l	OPA View		Save	

Ability to display Planning Date & Time in the Due List in LineAnywhere

Reference: APRP-1093

Background

For majority of the tasks the estimated man hours will be less than one day only. When they update the planning date and time in planning board, the from and to date will be the same. Therefore there should be a provision to show planning time along with planning date in Due List pop up.

Change Details

This enhancement brings the ability to see the Planning time along with the Planning Date in the Due List popup of of LineAnywhere. Also the user can view the Planning Priority in the Due List popup.

If any Planning comments are available for a particular record in the Due List popup, then there will be an icon near to that record. User can tap on the icon, then a callout will launch with the Planning comments.

Exhibit 1: Identifies changes in 'Due List' of LineAnywhere.

4:55 PM Fri 16 Oct		@ 82% 🔳)
<	Load Devic	ce
Load Ref. LD-997948-2011	No of A/C Last Initiated Date and Time 1 2020/Oct/06 14:36 Due List	a Last Initiated By Success Failure
2020/Oct/16 0	Due By Days 90 Work Item/	n/Description/Type/Category/ATA
All Assigned	All 20 Open Disc. 2 Due Tasks 12 As Required	d 5 Planning Comments
113200 1 B767-200	Dp Due in -5.00 Days DR-043378-2020 00-00 Due on 2020/Aug/27	Priority An aircraft for personal use can be operated from within a residential curtilage without planning permission, but only if it's Plan. Start 2020; Plan. End 2020; broadly, curtilage land is an area attached to containing a dwelling and any outbuilding
113200 1 B767-200	TASK 16419-1 Due in 16419-1 00-00 Due on 2020/Oct/05	Priority NRM Plan. Start 2020/Oct/05 22:03 Plan. End 2020/Oct/08 23:03 On click of the icon, a callout will open and will show the Planning Comments
113200 1 B767-200	Inspection as required Due in 0000-B76-0008003 00-00 Due on 2020/Oct/16 MPD ROUTINE 120 Mins 120 Mins 120 Mins	Priority Plan. Start 2020/Oct/16 16:55 Plan. End
113200 1 B767-200	Defer all item Due in DR-043802-2020 00-00 Due on 2020/Oct/16	Priority Plan. Start 2020/Oct/16 16:55 Plan. End 2020/Aug/28 14:17 Plan. End 2020/Aug/28 14:17
113200 1	TA_1 Due in TA_1 00-00 Due on 2020/Oct/16 MPD 4380 180 Mins Due on 2020/Oct/16	Priority Plan. Start 2020/Oct/16 16:55 Plan. End
Select	米 All Refine Load	Load Package Clear Device

Visibility of the part requirement when the deferred discrepancy is added to another package

Reference: APRP-687

Background

If a discrepancy is deferred with part requirements and then it is added to another package, there should be a provision to see the previous part requirements against that discrepancy in the latest package in LineAnywhere. Provision also needs to be given for the mechanic to edit/delete the part requirement.

Change Details

This enhancement brings the ability to edit the part requirements after it saved and also once the package successfully processed in online, user can view and modify the Part requirement in **Edit Part Requirement** screen of desktop.

If user added that discrepancy from due list to a new package, then part requirement associated with the discrepancy can be viewed in **View Part Requirements** pop up. User can view/modify/delete all the part requirements against that discrepancy in defer popup. User can see the part requirement for a discrepancy from the **View Part Requirements** popup as well.

Exhibit 1: Identifies changes in 'Defer pop up of LineAnywhere

9:46 PM Sun 18 Oct		२ 🖲 83% 🔲
<	eLog	
Aircraft Reg # Nose # VT-668 VT-6685 B7	Pefer	Due Item
Manage Package Discrepancy	FH FC Calendar Other Parameters 56 56 0 Days	
Open 2 Closed New edit icon is introduced	 ▼ Parts Requirement Part # Qty Part # Qty ✓ UoM 	Corrective Action
Due by 31-3d-20 Deferral	0111153-222:98391 2 EA	Mechanic
CDP-030840-2020 48 00-00 Due By 31-Jul-2020	1873235:08CG1 34 EA	Sign-off Not Required
	Jure	

Exhibit 2: Identifies View Parts Requirements popup in LineAnywhere

V p

4:27 PM Thu 28 May					२ € 68% ■
<			eLog		
Aircraft Reg # Nose # Mor 1133 1133 B767-200	del # Exec. Ref # LC-029756-2020	Package Type Line Package	Work Center / Station 185-20 AIR More	Status Planned	Due Item 28
Manage Package	View Parts Requireme	ents	r=1 Proviow and	6	3
Discrepancy	Discrepancy-DR-036	6062-2020			
Open 2 Closed 0	PRES 0-30PSI 3" GAUGE 0000:4373A PRES 0-30	PSI 3" GAUGE 1 E.	A Always		CR +
DR-036063-2020 LC-0 00-00 Due By 28-05-2020	ELECTRICAL TEST HARNI 000:99999 ELECTRICAL	E SS . TEST HARNESS	61 EA Always		
diss DR-036062-2020 LC-0	EXPRESS U.S.RATE SH EE :35895 EXPRESS U.S.RA	ET ATE SH EET 1 EA	Always		
t Requirement					
		Ø	Pax.Abuse?	0	>
	K LOPA View) Save	

Mandate the part requirement in defer pop up based on the deferral reason selected in LineAnywhere

Reference: APRP-668

Background

Sometimes the mechanic cannot perform the maintenance due to unavailability of Parts. In that case the mechanic will defer the discrepancy with the deferral reason related to the unavailability of parts. Business need is to mandate the part requirement in defer popup based on the deferral reason selected.

Change Details

Common Master

A new process parameter 'Deferral Reasons for which Part Requirements has to be mandated?' introduced under the Entity Type 'Mobility' and the Entity 'LineAnywhere' in the **Define Process Entities** activity of **Common Master** with the following permitted values:

- BLANK- Existing Behavior System will not mandate the part requirement for any of the 'Reason for Deferral'.
- Valid 'Reason for Deferral' values (comma separated if multiple) as defined under the Compliance
 Tracking & Control business component System will mandate the part requirement for the entered 'Reason for Deferral' on defer of a discrepancy.

Defer pop up

If user gives value for the set option 'Deferral Reasons for which Part Requirements has to be mandated?' and tries to defer a discrepancy with the same value as 'Reason for Deferral', then the system will validate for part requirement.



Exhibit 1: Identifies changes in 'Defer pop up of LineAnywhere

2:53 PM Tue 26 May			🗢 🖲 ନା 48% 🔳
<		eLog	
Aircraft Reg # Nose # A1 A1 B737-200M	Defer		Due Item 24
	Deferral Item #	Deferral Type	
Manage Package	Reason for Deferral	Auth Dof #	
Dise			
Select the Deferral Reason which mandated set	FH FC	Calendar Other Parameters	
the Furt Requirements		Days -	Corrective Action
DR-035507-2020 fc sf 00-00	 Parts Requirement 		
No Due	Part #	Qty	
		Requirement added	Mechanic
	Part #	Qty UoM	Sign-off
	System will validate on		
ta	ap of Save		-
		Caus	
	LOTATION	Save	

Ability to hide UI elements in LineAnywhere based on Set Options

Reference: APRP-561

Background

In LineAnywhere, there are many features and certain users may not be needed some features. This enhancement brings the ability to hide the feature based on set options in LineAnywhere.

Change Details

Along with this feature user can control the below UI changes.

- Ability to hide All Assigned, Assign to Me and All Inbound tabs based on set option.
- Ability to hide 'Access Time based on set option.
- Expand/Collapse Flight Details section on screen launch based on set option.
- Enable/Disable 'Cabin Position #' based on set option

Common Master

A new process parameter 'Show Assigned & Inbound records in the Load Device and My Dashboard screens?' is added under the Entity Type 'Mobility' and Entity 'LineAnywhere' in the **Set Process Parameters** screen of the **Define Process Entities** activity with the following permitted values:

- 0 (No) System will not show Assigned & Inbound records in the Load Device and My Dashboard screens
- 1 (Yes)Existing Behavior System will show Assigned & Inbound records in the Load Device and My Dashboard screens

A new process parameter "Show Access Time in LineAnywhere?" is added under the Entity Type 'Mobility' and Entity 'LineAnywhere' in the **Set Process Parameters** screen of the **Define Process Entities** activity with the following permitted values:

- 0 (No) System will not show Show Access Time in LineAnywhere
- 1 (Yes)Existing Behavior System will show Show Access Time in LineAnywhere

A new process parameter " Expand Flight Details section on launch of Manage Package tab of eLog?" is added under the Entity Type 'Mobility' and Entity 'LineAnywhere' in the **Set Process Parameters** screen of the **Define Process Entities** activity with the following permitted values:

- 0 (No) System will not expand Flight Details section on launch of Manage Package tab of eLog
- 1 (Yes) Existing Behavior System will expand Flight Details section on launch of Manage Package

tab of eLog

A new process parameter "Disable Cabin Position # in Discrepancies tab of eLog?" is added under the Entity Type 'Mobility' and Entity 'LineAnywhere' in the **Set Process Parameters** screen of the **Define Process Entities** activity with the following permitted values:

- 0 (No) Existing Behavior System will enable Cabin Position # in Discrepancies tab of eLog
- 1 (Yes) System will disable Cabin Position # in Discrepancies tab of eLog

Exhibit 1: Identifies changes to hide Assigned & Inbound records in the Load Device screen of LineAnywhere (Existing)

12:10 PM Tue 30 Jun				
=		Load Device		
Load Ref.	No of A/C Last Initiate	d Date and Time	Last Initiated By	Success Failure
Date/Time Range From	Date/Time Range To			
30-Jun-2020 12:00 AM 💼	30-Jun-2020 12:00 AM	A/C Reg.# / Maint. (Dperator / Arr. Flight # / A/C N	
All Assigned Assigned To	o Me All Inbound	Manual		
			_	
				Existing screen
		**		X
Select All		Refine Load		Clear Device



Exhibit 2: Identifies changes to hide Assigned & Inbound records in the Load Device screen of LineAnywhere

(Modified)

12:10 PM Tue 30 Jun				
		Load Device		
Load Ref.	No of A/C Last Initia	ated Date and Time	Last Initiated By	Success Failure
Date/Time Range From 30-Jun-2020 12:00 AM	Date/Time Range To 30-Jun-2020 12:00 AM	載 A/C Reg.# / Main	t. Operator / Arr. Flight # / A	
			, ,	
Select All		米 Refine Load		After hide the tabs

Exhibit 3: Identifies changes to hide Assigned & Inbound records in the My Dashboard screen of LineAnywhere (Existing)

PM Tue 7 Jul							73%
			My Dashboard				
ew By		Search					
Aircraft Work Pa	ckage	A/C Reg. # / Maint	t. Operator / Arr. Flig	ght # / A/C Model # / Nose # / E	Exe Ref.	. # / Employee	→
All Aircraft Assigne	d to Me						
AI-7077 AI-7077 737-200 0C (General Electric Canada)	*		Ground Time 0 Mins.	Exe.Ref # C007524 Completed	£ 0	Not Assigned	
Al-7077 Al-7077 737-200 0C (General Electric Canada)	*		Ground Time 0 Mins.	Exe.Ref # C007525 Cancelled	£ 0	Not Assigned	
Al-7077 Al-7077 737-200 0C (General Electric Canada)	*		Ground Time 0 Mins.	Exe.Ref # C007526 Cancelled	£ 0	Not Assigned	
Al-7077 Al-7077 737-200 OC (General Electric Canada)	* *		Ground Time 0 Mins.	Exe.Ref # C007527 Planned	£ 0	Not Assigned	
						Existing screen	
Employee Assigned	Arrival	🌱 Departure		Load Aircraft in Device		Transfer Work Packa	ge

Exhibit 4: Identifies changes to hide Assigned & Inbound records in the My Dahsboard screen of

		My Dashboard			
ew By		earch			
Aircraft Work Pack	age	A/C Reg. # / Maint. Operator / Arr. Fli	ght # / A/C Model # / Nose # /	Exe Ref.	# / Employee
N-7077 N-7077 737-200	*	Ground Time 0 Mins.	Exe.Ref # C007524 Completed	▲ 0	Not Assigned
AI-7077 AI-7077 737-200 DC (General Electric Canada)	* *	Ground Time 0 Mins.	Exe.Ref # C007525 Cancelled	₽ 0	Not Assigned
N-7077 N-7077 737-200 DC (General Electric Canada)	¥ *	Ground Time 0 Mins.	Exe.Ref # C007526 Cancelled	≗ 0	Not Assigned
N-7077 N-7077 737-200 DC (General Electric Canada)	¥ ¥	Ground Time 0 Mins.	Exe.Ref # C007527 Planned	▲ 0	Not Assigned
				After I	hiding the tabs
	unit of	Deserture	Load Aircraft in Davia		Francfor Work Package

Ramco Aviation Solution

LineAnywhere (Modified)

ramco



Exhibit 5: Identifies changes to hideAccess Time in LineAnywhere.(Existing)

50 AM Thu 29 Oct			@ 21% I
<		eLog	
ircraft Reg # Nose # Model # E: 132 113200 B767-200 LG	xec. Ref # Package Type C-049781-2020 Line Package	Work Center / Station 185-20 AIR More	Status Due Item In-Progress 17
Aanage Package Discre	epancies	Preview and Acceptance	Fuel / Oil Uplift
Aircraft Reg # Package 1 1132 Line Pack	Type Log Ref. #	Work Center # Station 185-20	Access Time OHrs. OMins.
✓ Flight Details Arrival		Departure	
Flight Code Leg #	From Station	Flight Code Leg	g # To Station
Cole Auricul	Ant Arrival	Cab Danastrum	Act Departure
2020/Jun/17 19:12:21	2020/Jun/17 19:12:21	Scn.Departure	Actibeparture
▲ Additional Details			Existing screen
		Save	

Exhibit 6: Identifies changes to hideAccess Time in LineAnywhere.(Modified)

7:50 AM Thu 29 Oct	21%
< eLog	
Aircraft Reg # Nose # Model # Exec. Ref # Package Type Work Center / Station Status 1132 113200 B767-200 LC-049781-2020 Line Package 185-20 AIR In-Prov More More	gress 17
Acceptance Discrepancies Tasks	Uplift
Aircraft Reg # Package Type Log Ref. # Work Center # Station 1132 Line Package ~ 185-20 ~ AIR	
Flight Details Departure Arrival Departure Flight Code Leg # T1234 AIR Sch.Arrival Act.Arrival 2020/Jun/17 19:12:21	To Station
Additional Details	After hiding Access Time
Save	

Exhibit 7: Identifies changes to collapse Flight Details section in LineAnywhere

50 AM Thu 29 Oct						21%
			eLog			
rcraft Reg # Nose 32 113200 B767-	# Model # Exec. Re 200 LC-049	ef # Packag 781-2020 Line Pa	e Type Work Center / ckage 185-20 AIR More	Station	Status In-Progress	Due Item 2
Manage Package	Discrepanci	es	Preview an Acceptance		əl / Oil Uplift	
ircraft Reg # 1132	Package Type	Log Ref. #	Work Center #	Station AIR	Access Time 0Hrs. 0Mins.	Ľ
▲ Flight Details						
 Additional Detail 	ls				After Flight	collapse of the Details section
			Save			

Exhibit 8: Identifies changes Discrepancies tab of LineAnywhere

ramco

2:12 PN	/ Tue 30 Jun			奈 20% ▮
<		el	_og	
Aircraft Al-707	t Reg # Nose # Model # Exec. Ref # 7 Al-7077 737-200 C007525	Package Type V Line Package 1	Nork Center / Station S 85-20 AIR P More	Itatus Due Item 2 Ilanned 1
P	Manage Package Discrepancies	Tasks	Preview and Acceptance	
	Discrepancy Details Res	olution/Deferral Details		(G) CR +
	Description	Log Item #	ATA #	Attachment
		Log # / LogItem #	00-00	
		Disc. Category	Reported Station	_
		•	AIR	
lore	Cabin Position #	Source Type No.		
2	1A	Reported By 00000001	Reported Date & Time	After disabling of Cabin Position #
	Affected Function Defect Type	•	Safety Related	Attachments 🕒 💼
	No. of Channels Equipment C	ategory	Pax.Abuse?	< >
	C LOPA View			E Save

ramco

Ability to map and view Source Task for Non Standard Tasks in LineAnywhere

Reference: APRP-558

Background

At times during hangar execution, mechanics will add some non-standard tasks from the execution screen. Sometimes this added non-standard task should have a Source Task # reference for reference purposes. In order to achieve this requirement, a new provision is required where the users can create a Non-Standard Task for an existing Task as Source Task in LineAnywhere.

Change Details

This enhancement brings the ability to create or add a task with Source Task/Discrep. # in LineAnywhere. User can create/add the tasks from Tasks tab and Discrepancies tab against a Task and Discrepancy as Source Task/Discrep. # respectively.

Process parameter renamed to "Mandate Source Task/Discrep. # for Non-Standard Tasks in Work Reporting Hub?" under the Entity Type 'Package Type' and the Entity 'All user defined package types including Log Card' in the **Define Process Entities** activity of **Common Master** business component.

Exhibit 1: Identifies changes in Tasks tab of LineAnywhere

11:15 PM Sun 18 Oct		₢ ֎ 83%
<	eLog	
Aircraft Reg # Nose # Model # Exec. Ref # VT-668 VT-6685 B787 C011609	Package Type Work Center / Statie Line Package 185-20 AIR More	on Status Due Item Planned 7
Manage Package	Tasks Preview and Acceptance	
Task	Plan Start Date End Da	ate Source Task/Discrep. # 🕑 🕼
		Task
	Comments	Exe. Comn Discrepancy
		CR
	Change Status	Sign Off By
	Complete Cancel -Select Statu	s
	Sub Task List	✓ Sign-ot
	Sub Tasks	Sign Off (Mechanic) Sign Off (Inspector

Exhibit 2 : Identifies changes in Discrepancies tab of LineAnywhere

:34 AM	Mon 19 Oct				÷ @ :	81% 🔲 '
<			eLog			
Aircraf VT-66	t Reg # Nose # Model # Exec. Ref 8 VT-6685 B787 C011609	# Package Type Line Package	Work Center / Station St 185-20 AIR PI	atus anned	Due Item 7	3
(=) N	Aanage r=1	(***)	More			
ĒF	Package	Tasks	Acceptance			
	CDP-030842-2020 Under resoluti	on			Task	
	Discrepancy Detail Resolution/D	eferral Detai			Discrepancy	
	Description	Log Item #	ATA #	Attachment	CR	To create/add to
	Dp for multiple parts	4568	00-00]		discrepancy
		Disc. Category	Reported Station	-		
			- AIR			
More	2A	Source Type No.	•			
		Reported By	Reported Date & Time			
		00041383	19-Oct-2020 01:33 AM			
	Affected Function Defect Type			Attachments	0	
	· ·	•	Safety Related			
	No. of Channels Equipment C	ategory		<		>
	3		Pax.Abuse?			
				Ē		
				Save		

Ramco Aviation Solution

Ability to capture Exe. Comments against Subtasks in LineAnywhere

Reference: APRP-557

Background

Sometimes mechanics will work in multiple shifts and a single task or even the sub task may go for various days, in that case there should be a provision to record multiple execution comments at sub task level to communicate to next mechanic.

Change Details

This enhancement brings the ability to capture execution comments in each subtask level. So the user can capture execution comments against task level and subtask level. If any subtask is going for various days he/she can capture the execution details against that particular subtask. If user captured the execution comments in each subtask level of a task, then he/she can see all the execution comments together in the execution comments pop up for that respective task.

3:16 PM Tue 29 Sep				€ 23% ■
<		eLog		
Aircraft Reg # Nose # Model # Exec. Ref # 1132 113200 B767-200 LC-042184	Package Type 5-2020 Line Package	Work Center / Station 185-20 AIR More	Status In-Progress	Due Item 214
Anage Package Discrepancies	Tasks	Preview and Acceptance		
Task Maintenance Events	DRTSK-01 F AOG 2 Planned t	Plan Start Date End Date 29/Sep/2020 29/Sep/2020 task1	Source Task/Discrep. #	
MCR 1133 Task# EO-1132-2015 00-00 MOD B767 Cancelled Due By 21/Sep/2020	Comments		Exe. Comments	Add 🛨
Nsnsh Task# NST-066640-2020 00-00 🛪 Non Routine 50C Cancelled No Due	Change Status Complete Ca	-Select Status- 💌	Sign Off By Pending With Mech. & Insp.	
Hnh Task# NST-066641-2020 00-00	Sub Task List			✓ Sign-off
No Due	Sub Tasks		Sign Off (Mechanic)	Sign Off (Inspector)
task1 Task# DRTSK-01 00-00 MOD 50C Plann No Due	unch Execution nents pop up against a sk		Count of exceptured a	gainst the subtask

Exhibit 1: Identifies changes in Tasks tab of LineAnywhere

Ability to default RII Sign Off requirement and perform RII Sign Off in LineAnywhere

Reference: APRP-556

Background

Certain Tasks require additional inspection other than the Inspector. RII Sign Off is required for these tasks. This enhancement brings the ability to do the RII sign off for tasks/discrepancies from LineAnywhere.

Change Details

New process parameter 'Allow signed off Mechanic/Inspector to sign off as RII for same Task/Discrepancy?.' introduced under the entity type 'Mobility' and the entity 'LineAnywhere' in the Define Process Entities activity of Common Master with the following permitted values:

- 0 (No) Existing Behavior System will not allow to sign off a task/discrepancy for the same employee who signed off as Mech/Inspector.
- 1 (Yes) System will allow to sign off a task/discrepancy for the same employee who signed off as Mech/Inspector.

User can default the RII sign of requirement for the standard task in task master. To default RII Sign off for nonstandard tasks/discrepancies, user can use the existing set option "Require RII Sign-Off for Non-Routines? from the Set Process Parameter screen.

Exhibit 1: Identifies changes in E-Sign Off popup of LineAnywhere.

			eLog		÷ © 33%
Aircraft Reg # Nos 1132 113200 B76	se # Model # Exec. Ref # 57-200 LC-036340-2020	Package Type Line Package	Work Center / Station 185-20 AIR More	Status in-Progress	Due Item 73
Manage Package	E-Sign Off			6	3
DR-0426	Sign Off By Mechanic	Employe	e # n	PIN	CR -
Descrip	Inspector	Equipme	nt Category	Date and Time	
,S,,S	RII	eX1,eX2	de la constante	2020-08-24 01:51:51 PM 📾	+
I Sign Off Requ r Task and Disc E-Sign Off pop	irement crepancy up				RI
← Corre			Sign-off		
	<		_	₽	

Exhibit 2: Identifies changes in Change Status/E-Sign Off popup of LineAnywhere.

Aircraft Reg #	Change Status / E-Sign Off			🗙 m 🕑
If set ention "Allow signed off	Change Status			
Mechanic/Inspector to sign	Status	Actual Start / End Date	<u></u>	_
off as RII for same	Completed -	11-09-2020 08:26:37 AM	11-09-2020 09:26:37 AM	1
Task/Discrepancy?" set as	Actual Man Hours	Equipment / Tool Part	Serial #	
not allowed	10.00			
	Exec. Code	Log Item #		G
	•			
Vgvgv	Execution Comments			
Iask# NS1-0				s. 🕂
RII Sign Off is pending with Inspector or/and Mechanic				+
	E-Sign Off			
Non Poutine	Sign Off By	Date and Time		
No Due	Mechanic Inspector and RII -	11-09-2020 09:26:37 AM		
	Employee #	PIN		
Dvdv	0000001			
Task# NST-01 Non Routine	Equipment Category	Comments		✓ Sign-off
System will validate as "Same employee cannot sign-off for the resource group "RII" as well as Mechanic/Inspector		Done	Tap on 'Done'	(Inspector)

Ability to Complete Package in LineAnywhere when all Tasks are cancelled

Reference: APRP-616

Background

In certain situation after creation of package, user does not add any task for execution (or) cancels all the tasks that are already added. After all the tasks are cancelled, the package still remains in Planned Status and the package cannot be transferred back to desktop. Therefore there should a provision to complete the package even though all tasks are in cancelled status or there are no tasks available as this affects the performance guarantee reports.

Change Details

A new process parameter "Allow completion of Planned Packages having no planned jobs in LineAnywhere and Work Reporting Hub?" is added under the Entity Type 'Package Type' and Entity 'All user defined package types including Log Card' in the **Define Process Entities** activity of the **Common Master** business component with the following permitted values:

- 0 (No) Existing Behaviour System will not allow to complete Planned Packages having no planned jobs (Complete button will be Disabled)
- 1 (Yes) System will not allow to complete Planned Packages having no planned jobs (Complete button will be Enabled)

If the user sets the process parameter "Allow completion of Planned Packages having no planned jobs in LineAnywhere and Work Reporting Hub?" as "1" for "Yes", then for the packages which are empty or only cancelled tasks, the 'Complete' button will be enabled. User can click the complete button and complete the package.



Exhibit 1: Identifies changes in 'Manage Package' tab of 'eLog' screen of LineAnywhere

< el	_og
Aircraft Reg # Nose # Model # Exec. Ref # Package Type V AI-7078 2 737-200 LC-027256-2020 Line Package 1	Work Center / Station Status Due Item 185-20 AIR Planned 3
Manage Package Discrepancies II Tasks	Preview and Acceptance
Aircraft Reg # Package Type Log Ref. # Wor AI-7078 Line Package ~ 185	k Center # Station Access Time 5-20 Image: AIR Hrs. Mins.
Flight Details Arrival Flight Code Leg # T23 LAX	Departure Flight Code Leg # To Station
Sch.Arrival Act.Arrival 2020-02-10 10:09:36 AM Image: Comparison of the second se	Sch.Departure Act.Departure
Additional Details	
Save Comp	olete Cancel
	Complete button to Complete Empty Packages/ Packages with Cancelled Tasks & Discrepancies

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