

Commercial

Honeywell

Repair Station # DO3R456L

Initial Findings Report

Repair Order: 2017-330526779-001
330575136

Customer: PLANT1013 HAT - Phoenix Honeywell International Inc.

Customer P/O: 8011050

Orig Cust:

Part Number: 160142-5

Part Desc: HEAT EXCHANGER

Serial No: 894

Mods:

Series/Issue/Amdts: SERIES 1

Quantity: 1

Aircraft tail#:

Aircraft S/N#:

Date on:

Received Date: 20 NOV 2017

Date off:

Model #: Oil Cooler

Engine S/N:

Alternate S/N:

TIMES/CYCLES

HH.DD (HH:MM)

Time Since New:

Cycles Since New:

Time Since Overhaul:

Cycles Since Overhaul:

Time Since Repair:

Cycles Since Repair:

CUSTOMER REASON FOR RETURN

Please Overhaul P/N 160142-5, S/N 894,
Using The Latest Manual Criteria...

GENERAL CONDITION AS RECEIVED (HIDDEN DAMAGE)

Condition Received Text

Reason for return code

Removal Type

Unscheduled

DETAIL DISASSEMBLY / EVALUATION FINDINGS

SERVICE BULLETINS / AUTHORIZING DOCUMENTS

Authorizing Technical Document

Complied With:

Doc#: CMM 79-22-22 Rev: 8 Date: 06/02/2011

WORK PERFORMED / COMMENTS TO CUSTOMER

Workscope Performed / Summary of Actions Taken

Valve Assy Removed From Heat Exchanger And And Tested. Heat Exchanger Cleaned And Flushed, Oven Dried Then Vibrated To Check For Foreign Material. Heat Exchanger Was Pressure Tested And Found Acceptable. Nicks, Scars and Mounting Surfaces Were Reworked. Heat Exchanger Was Masked, SandBlasted Then Chem-Filmed. Valve Assy Installed Into Ht.Exch. With New Seal The Tested Per CMM Complete And Recertified. Unit Was Finaled Inspected Then Shipped As Overhaul To Customer Per CMM 79-22-22, dated 06-02-11, Rev.8.

Action Taken Code

Overhaul

Customer Confirmed Removal Reason:

Evaluation Type

Evaluated - Minor Fault Found

Honeywell Honeywell

Honeywell

Commercial

Honeywell E&S Torrance
Honeywell International Inc
2525 W 190TH ST
TORRANCE CA 90504-6002
Date:29 NOV 2017

Repair Station # DO3R456L

Configuration And Findings Evaluation

Repair Order: 2017-330526779-001
330575136

Customer: PLANT1013 HAT - Phoenix Honeywell International Inc.

Customer P/O: 8011050

Part Number: 160142-5

Orig Cust:
Part Desc: HEAT EXCHANGER

Serial No: 894

Mods:
Series/Issue/Amdts: SERIES 1

Quantity 1

Ship Date:

Received Date: 20 NOV 2017

FINAL CONFIGURATION

Part No: 160142-5

|||||

S/N: 894

|||||

Series/Issues/Amdts: SERIES 1

|||||

Mods:

MECHANIC/ANALYST Gilbert Lucero

DATE: 24 NOV 2017

Honeywell

Honeywell

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Honeywell E&S Torrance Honeywell
International Inc 2525 W 190TH ST TORRANCE CA
90504-6002

Customer PO : 8011050
Notification No: 000330526779
Outline No : 160142-5
Mod To Outline. :160142-5

Customer : PLANT1013 HAT - Phoenix Honeywell International Inc.
Service Order No : 5011724689 Sales Order No : 8011050
Serial No: 894
Mod to S/N : 894 Model No. : Oil Cooler

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	160142-5	894	M	0	HEAT EXCHANGER	5011724689
OUT	160142-5	894	M			

REWORK CODE : 2200

CONDITION CODE :

ACCT IND :

ANALYSTREMARKS :

Please Overhaul P/N 160142-5, S/N 894, Using The Latest Manual Criteria...

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.156523-3	2012	R	1	VALVE	5011728077
OUT	156523-3	2012	R			

REWORK CODE : 2000

CONDITION CODE :

ACCT IND :

ANALYSTREMARKS :

Honeywell

Honeywell

DATA SHEET PAGE 1 OF 2	PART NAME FUEL/OIL HEAT EXCHANGER		MFG SERIAL NO. <u>46</u>
	PART NO. 160142-	DASH NO. <u>5</u>	DASH OR SERIES NO. <u>1</u> NAMEPLATE SERIAL NO. <u>894</u>

Para.	Measurement or Observation	Required		Actual	
		Min.	Max.		
4.1	PRIOR SUBASSEMBLY TESTS				
	Subassemblies have passed their respective tests and their data sheets are included in the end unit data package	Yes	---	<u>YES</u>	
4.2	END-UNITS TESTS				
4.2.1	Fuel Proof Pressure				
	Applied pressure, psig	PN 160142-1	1,800	1,825	<u>---</u>
	(cross out inapplicable part number)	PN 160142-2	1,800	1,825	<u>---</u>
		PN 160142-3	2,298	2,323	<u>N/A</u>
		PN 160142-4	2,298	2,323	<u>---</u>
		PN 160142-5	2,298	2,323	<u>2315</u>
	Duration, minute		5	---	<u>5</u>
	Visible leakage		---	None	<u>NONE</u>
	Sight gage displacement, in.		---	None	<u>NONE</u>
	Permanent deformation		---	None	<u>NONE</u>
4.2.2	Oil Proof Pressure				
	Applied pressure, psig		900	925	<u>910</u>
	Duration, minute		5	---	<u>5</u>
	Visible leakage		---	None	<u>NONE</u>
	Pressure decay due to leakage, psi		---	None	<u>NONE</u>
	Sight gage displacement, in.		---	None	<u>NONE</u>
	Permanent deformation		---	None	<u>NONE</u>
4.2.3	Fuel Pressure Drop				
	Fuel flow, gpm		35.0	36.5	<u>36.0</u>
	Fuel temperature, °F		60	100	<u>76.0</u>
	Fuel pressure drop, psid 160142-1		5.5	8.5	<u>N/A</u>
	(cross out inapplicable 160142-2, -3, -4 & -5 part number)		5.5	10.0	<u>6.1</u>

REMARKS	TECHNICIAN <u>[Signature]</u>		<input checked="" type="checkbox"/> ACCEPT <input type="checkbox"/> REJECT	PAGE 10
	DATE <u>11.29.17</u>	DEPT. <u>57080</u>		
Honeywell	CAGE CODE	DOCUMENT NO	REV LTR	
	<u>70210</u>	<u>AT160142</u>	<u>L</u>	