Commercial

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

Honeywell

Repair Station # DO3R456L

Initial Findings Report

Repair Order: 2017-330526779-001

330575136

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:

Customer: PLANT1013 HAT - Phoenix Honeywell International Inc.

Received Date: 20 NOV 2017

Alternate S/N:

Date off:

Model #: Oil Cooler TIMES/CYCLES

Engine S/N:

HH.DD (HH:MM)

Cycles Since New:

Cycles Since Overhaul:

Cycles Since Repair:

Time Since New:

Time Since Overhaul: Time 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



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Honeywell

Commercial

Customer: PLANT1013 HAT - Phoenix Honeywell International Inc.

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 P/O: 8011050

Orig Cust:

Part Desc: HEAT EXCHANGER

Serial No: 894

Mods:

Series/Issue/Amdts: SERIES 1

Part Number: 160142-5

Quantity 1

Ship Date:

Received Date: 20 NOV 2017

FINAL CONFIGURATION

Part No: 160142-5

S/N: 894

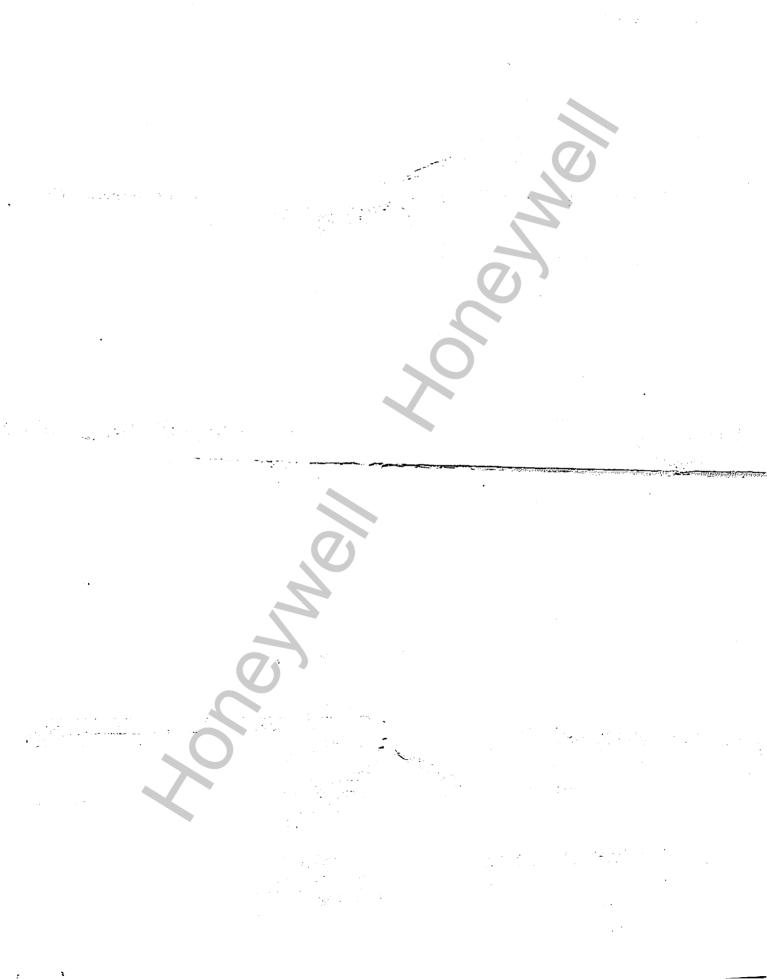
Series/Issues/Amdts: SERIES 1

Mods:

MECHANIC/ANALYST Gilbert Lucero

DATE: 24 NOV 2017

Page: 2 of 2



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	М	0	HEAT EXCHANGER	5011724689
OUT	160142-5	894	М			

REWORK CODE:

2200

CONDITION CODE:

ACCTIND:

ANALYST REMARKS:

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]		

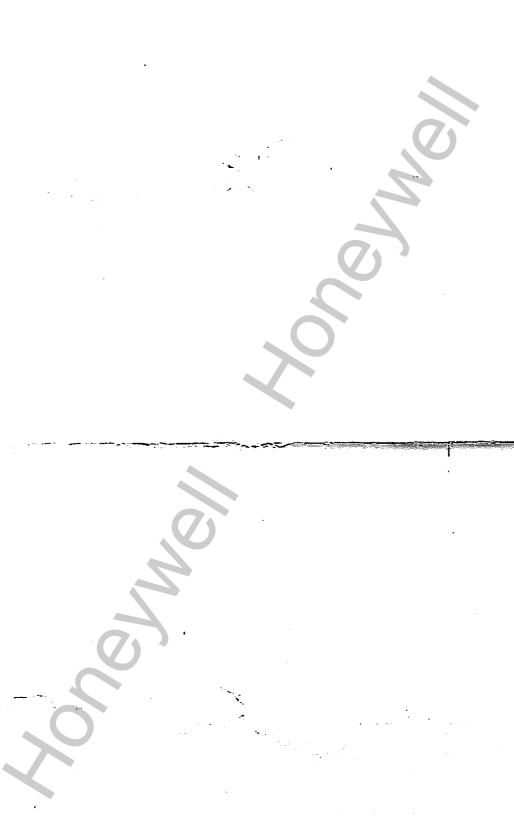
REWORK CODE:

2000

CONDITION CODE:

ACCT IND:

ANALYSTREMARKS:



DAT	A SHEET	PART NAME FUEL/OIL	HEAT EXCHANGER	}	MFG SERIAL NO. 4/6
PAGE	1 OF 2	PART NO. 160142-	DASH NO.	DASH OR /	NAMEPLATE COLL
		<u> </u>		SERIES NO. /	SERIAL NO. 594

			Req	uired	·
Para.	Measurement or Observation		Min.	Max.	Actual
4.1	PRIOR SUBASSEMBLY TES	TS			
	Subassemblies have passed and their data sheets are includata package		Yes		Yes
4.2	END-UNITS TESTS				
4.2.1	Fuel Proof Pressure		(7)		•
	Applied pressure, psig (cross out inapplicable part number)	PN 160142-1 PN 160142-2 PN 160142-3	1,800 1,800 2,298	1,825 1,825 2,323	<u> </u>
	partitions	PN 160142-4	2,298	2,323	7
	•	PN 160142-5	2,298	2,323	2315
	Duration, minute		5		_5_
	Visible leakage		444	None	none
	Sight gage displacement, in.			None	none
	Permanent deformation			None	none
4.2.2	Oil Proof Pressure				
	Applied pressure, psig		900	925 [†]	910
	Duration, minute	71	5	i	
	Visible leakage	•		None	1076
	Pressure decay due to leakage	je, psi		None	none
	Sight gage displacement, in.		••=	None	non6
	Permanent deformation			None	none
4.2.3	Fuel Pressure Drop				0.1
	Fuel flow, gpm		35.0	36.5	36.0
	Fuel temperature, °F		60	100	74.0
	Fuel pressure drop, psid 160	142-1	5.5	8.5	MR
	(cross out inapplicable 16014 part number)	12-2,-3,-46-5	5.5	10.0	6./

alute	199	REJECT
		REJECT
.17 DEPT. 57080	326	
DOCUMENT NO	REV-LTR	PAGE
AT160142	L	10
	DOCUMENT NO	DOCUMENT NO REV-LTR