

# WORK ORDER FORM 100

Page No. 1

AMERICAN COOLER SERVICE, LLC

919 W. MAYFIELD ROAD  
ARLINGTON, TX 76015 USA  
FAX: 817-419-8118  
817/419-8008



FAA CRS No: OC8R986J

WORK ORDER: 72390-19

Customer: AJW / A.J. WALTER AVIATION LTD.

Dept#:ST

Location:

Cust RO#: R357213

Step: COMPLETE/QC REVIEW

Warranty Code: 00 / 0

Work Req: OVERHAUL

Goodthru AD#:

P/N: 11-811538-1 / PRECOOLER

S/N: 00825

Mfg: LIEB

Manual#: 353M RevDate: 11/13/2019 Rev#: 8  
OVERHAUL

Date Reqrd: 05/22/2019 Date Estmtd: 04/03/2020

PRELIMINARY INSPECTION: DATE: 04/22/2019 INSPECTOR: L. LIGHTFOOT 0155  
DATA AND AMENDMENT PLATES ATTACHED

NO ADS FOUND

PRE TEST (Yes/No): Y DATE: 04/25/2019 PERFORMED BY: P. VALADEZ  
1. FAILED LEAKAGE @ 60 PSI > 13.9 LB PER MIN.

HIDDEN DAMAGE:

N/A

TEARDOWN FINDINGS:

1. UNIT VERY DIRTY.
2. EXCESSIVE LEAKAGE AT HEADER, REQUIRES CORE REPLACEMENT.
3. TRUSS ASSY CRACKED.
4. AIR SEAL GASKET DAMAGED.

TECHNICIAN: P. VALADEZ 0103

DATE: 04/25/2019 INSPECTOR: B. LAMB 0006

CORRECTIVE ACTION:

ROUTED FOR MAINTENANCE UNDER ACS RO# 38481 MANUFACTURER AGREEMENT- 813  
0-3 PROVIDED

SN 00436 EXCHANGED FOR SN 00825 PER CUSTOMER APPROVAL

TECHNICIAN: L. LIGHTFOOT 0155

DATE: 04/06/2020 INSPECTOR: L. LIGHTFOOT 0155

MODIFICATION/SERVICE BULLETINS:

N/A

Test Data Used: N/A

Test Technician: N/A

Technician: N/A

DATE: 04/06/2020

DATE: 04/06/2020



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S/N: 00825

Mfg: LIEB

Final Inspection: N/A

DATE: 04/06/2020

## ADDITIONAL COMMENTS:

- (1) OVERHAUL
- (2) NO A.D.'S FOUND - A. CABELLO 04/06/2020

## MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS OVERHAULED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By N/A

Date Apr 06, 2020



1. Approving Civil Aviation  
Authority/Country:

2.

FAA/United States

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:  
20200007896456Y15  
338015562

4. Organization Name and Address:

Honeywell International Inc  
6930 North Lakewood Avenue  
TULSA OK 74117-1804

Repair Station  
DA2R761K

5. Work Order/Contract/Invoice Number:  
N/A  
338015722  
Page 1 of 1

6. Item:

7. Description:

001

EXCHANGER PRECOOLER

8. Part Number:

11-811538-1

9. Quantity:

1

10. Serial Number:

00825

11. Status / Work:

OVERHAULED

## 12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:  
CMM 36-11-32 Rev 8, NOV/13/2019  
ORI L30090 Rev A, OCT/03/2019

This component is an exchange for PN 11-811538-1 SN 00436 on customer  
PO/PO 38481.

HH.DD (HH:MM)

CSO 0.00

TSR 0.00 (0:00)

CSR 0.00

## CONTINUED:

HH.DD (HH:MM)

TSN 65315.32 (65315:19)

CSN 8801.00

TSO 0.00 (0:00)

MODS: -

## TEXT CONTINUED ON RIGHT SIDE

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED  
CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE  
TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4644

13a. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in a condition for safe operation.  
☐ Non-approved design data specified in Block 12.

13b. Authorized Signature:

13c. Approval/Authorization No.:

13d. Name (Typed or Printed):

13e. Date(dd/mm/yyyy):

14a. ☒ 14 CFR 43.9 Return to Service

Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

14b. Authorized Signature:

Darrek Voyles

(LOR)  
13

14c. Approval/Certificate No.:

DA2R761K

14d. Name (Typed or Printed):

Darrek Voyles

14e. Date(dd/mm/yyyy):

28/FEB/2020

## User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA FORM 8130 - 3 (02-14)

# Honeywell

Commercial

Honeywell LORI  
Honeywell International Inc  
6930 North Lakewood Avenue  
TULSA OK 74117-1804  
Date: 10 FEB 2020

Repair Station # DA2R761K

## Configuration And Findings Evaluation

Repair Order: 2020-338015722-001  
338015562

Customer: PLANT1108 Aerospace-Tulsa Honeywell International Inc.

Customer P/O: 4701105652

Part Number: 11-811538-1

Orig Cust:

Part Desc: EXCHANGER PRECOOLER

Serial No: 00825

Mods: -

Series/Issue/Amdts:

Quantity: 1

Aircraft tail#:

Model #: Heat Exchanger

**TIMES/CYCLES**

Time Since New:

Time Since Overhaul:

Time Since Repair:

Time Since Installation:

Aircraft S/N#:

Engine S/N:

HH.DD (HH:MM)

65315.32 (65315:19)

40317.98 (40317:59)

40317.98 (40317:59)

Date on:

Received Date: 12 NOV 2019

Date off:

Alternate S/N:

Cycles Since New: 8801.00

Cycles Since Overhaul: 5115.00

Cycles Since Repair: 5115.00

Cycles Since Installation:

## CUSTOMER REASON FOR RETURN

LEAK

## GENERAL CONDITION AS RECEIVED (HIDDEN DAMAGE)

Condition Received Text

DIRTY

Reason for return code

OTHER

Removal Type

Unscheduled

## DETAIL DISASSEMBLY / EVALUATION FINDINGS

Failure Description:

Findings:

DIRTY

LEAKING TUBES.

Failed Part

Part Name

Condition:

Primary Failure

Failure Description:

Findings:

Related Area:

Non-conformance: LEAK(S)

Recurrent Failure:

Failed Part

Part Name

Condition:

Primary Failure

188843-1

SEAL

100% upon Removal

Yes

## SERVICE BULLETINS / AUTHORIZING DOCUMENTS

Authorizing Technical Document

Complied With:

Doc#: ORI L30090 Rev: A Date: 10/03/2019

Doc#: CMM 36-11-32 Rev: 8 Date: 11/13/2019

## WORK PERFORMED / COMMENTS TO CUSTOMER

Workscope Performed / Summary of Actions Taken

Clean fixed leaking tubes test per CMM. Unit is overhauled.

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Customer P/O: 4701105652

Part Number: 11-811538-1

Orig Cust:

Part Desc: EXCHANGER PRECOOLER

Serial No: 00825

Mods: -

Series/Issue/Amdts:

Quantity 1

Ship Date:

Received Date: 12 NOV 2019

Action Taken Code

Overhaul

Customer Confirmed Removal Reason:

Evaluation Type

Evaluated - Significant Fault Found

### FINAL CONFIGURATION

Part No: 11-811538-1



S/N: 00825



Series/Issues/Amdts:

Mods: -



MECHANIC/ANALYST Dean Mack

DATE: 19 NOV 2019