

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 174615-1	
4. Organization Name and Address: AMETEK AEROSPACE & DEFENSE INC. D/B/A. DRAKE AIR 4085 SOUTHWEST BLVD TULSA, OKLAHOMA, 74107, USA REPAIR STATION NO: I12R899K				5. Work Order, Contract or Invoice Number: Work Order No.: DOI107859 Customer RO.: R411168	
6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	TEMPERATURE REGULATOR, OIL	160424-2	1	1427	OVERHAULED
12. REMARKS IN ACCORDANCE WITH CMM: 49-94-20 REV: 4 DATE: 17-JAN-2023 REPAIR: DAR-0424 REV: B DATE: 02-FEB-2014 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 Number 145.4387					
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			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.		
13b. Authorized Signature:		13c. Approval Authorization No:		14c. Approval/Certificate No: I12R899K	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yy):		14e. Date (dd/mm/yy): 17/Nov/2023	
				JAMES MILLER	
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 airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statement in Blocks 13a and 14a do not constitute installation 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.					

**AMETEK AEROSPACE & DEFENSE**

4085 Southwest Blvd
Tulsa, OK. 74107
US

Tear Down/Inspection

Work Order #: DOI107859

Date Printed: 17-Nov-23

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To:

AJ WALTER AVIATION LTD
THE HEADQUARTERS
MAYDWELL AVENUE, SLINFOLD
WEST SUSSEX RH13 0AS
UNITED KINGDOM

Ship To:

AJ WALTER AVIATION LTD
THE HEADQUARTERS
MAYDWELL AVENUE
WEST SUSSEX
SLINFORD, RH13 0AS UNITED KINGDOM

Cust.PO Ref.: R411168

Cust.Phone: 44 1 40 371 1777

Cust.Email: payableinvoices@ajw-aviation.com

Cust.Code: 303226

Cust.Fax: 441403710936

Station: DRK

IN. PN: 160424-2

Descr: TEMPERATURE REGULATOR, OIL Qty: 1

OUT PN: 160424-2

Serial Numbers: 1427

Symptoms:

PO WORK SCOPE - OVERHAUL

REASON FOR REMOVAL - APU AUTO SHUT DOWN

2 ID PLATES

LIMCO TAG

VALVE (SN: 10152)

VALVE HOUSING (SN: 6954)

Faults:

*****SHOP REPORT*****

TECHNICIAN / C.HARREL 142490 06-17-2023

TEARDOWN FINDINGS:

1. UNIT RECEIVED DIRTY
2. CORROSION ON FLANGES
3. WORN COATING
4. WORN PACKING'S
6. MISSING SCREW ON ID PLATE ON VALVE HOUSING

LEAKAGE TESTING - FAIL (EXCESSIVE CORE LEAKAGE)

BYPASS VALVE TESTING - Fail

Corrective Actions:

1. NM IAW DAR & OH IAW CMM
2. A NEW CORE WILL BE INSTALLED
3. FLANGES REPAIRED
4. NEW THERMOSTAT AND PACKING'S INSTALLED
5. NEW COATING APPLIED
6. FINAL TESTING AND INSPECTION PREFORMED

REPAIR: DAR-0424 Rev: B Date: 02-Feb-2014
CMM: 49-94-20 Rev: 4 Date: 17-Jan-2023