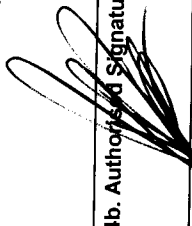


1. Approving Competent Authority/Country EASA		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1		3. Form Tracking Number. E-286152	
4. Organisation Name and Address. MUIRHEAD AEROSPACE LIMITED T/A MUIRHEAD AVIONICS 3 Square One Heathrow Southall Lane Southall, Middlesex, UB2 5NH, UK Ph: +44(0) 20 8571 3422, Fax: +44 (0) 20 8571 2336				5. Work Order/Contract/Invoice Work Order No: IA22035 Customer Order No: R405117	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work
1	SERVOED MACH AIRSPEED INDICATOR	2083-11-1	1	1151	Repaired
12. Remarks MODS OBSERVED ON IDENT PLATE: A, B, C, D, E, F, G, H, J, K, N. Manual ID: 34-12-02 (SMITHS 36), Revision #: 7, Revision Date: 01/10/2015					
Repair report attached reference IA22035					
14a. ☒ Part-145.A.50 Release 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 Part-145 and in respect to that work the items are considered ready for release to service.					
14b. Authorised Signature 			14c. Certificate/Approval Ref No. EASA.UK.145.00592		
14d. Name SPEARCE			14e. Date (dd mmm yyyy) 09 Mar 2023		
USER/INSTALLER RESPONSIBILITIES This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements 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.					

1. Approving Competent Authority/Country CAA/UNITED KINGDOM		2. AUTHORISED RELEASE CERTIFICATE CAA FORM 1		3. Form Tracking Number. C-286152	
4. Organisation Name and Address. MUIRHEAD AEROSPACE LIMITED T/A MUIRHEAD AVIONICS 3 Square One Heathrow Southall Lane Southall, Middlesex, UB2 5NH, UK Ph: +44(0) 20 8571 3422, Fax: +44 (0) 20 8571 2336				5. Work Order/Contract/Invoice Work Order No: IA22035 Customer Order No: R405117	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work
1	SERVOED MACH AIRSPEED INDICATOR	2083-11-1	1	1151	Repaired
12. Remarks MODS OBSERVED ON IDENT PLATE: A, B, C, D, E, F, G, H, J, K, N. Manual ID: 34-12-02 (SMITHS 36), Revision #: 7, Revision Date: 01/10/2015 14 CFR 43.9 Return to Service The work identified in Block 11 and described herein has been accomplished in accordance with 14 CFR part 43 and in respect to that work, the items are approved for return to service under certificate no. H9EY443N.					
Repair report attached reference IA22035					
14a. ☒ Part-145.A.50 Release 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 Part-145 and in respect to that work the items are considered ready for release to service.					
14b. Authorised Signature 			14c. Certificate/Approval Ref No. UK.145.00592		
14d. Name SID FEARCE			14e. Date (dd mmm yyyy) 09 Mar 2023		
USER/INSTALLER RESPONSIBILITIES					
This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements 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.					



Muirhead Aerospace Limited

Contact Name: Customer Services

Telephone:

Fax:

Tear Down/Inspection

Work Order #: IA22035

Date Printed: 09-Mar-23

Page: 1

To:

ATTN: CHARLOTTE WALLS
AJ WALTER (AVIATION) LTD
THE HEADQUARTERS
MAYDWELL AVENUE
SLINFOLD
WEST SUSSEX RH13 0AS

Ship To:

AJ WALTER (AVIATION) LTD
THE HEADQUARTERS
MAYDWELL AVENUE
SLINFOLD
WEST SUSSEX, RH13 0AS UK

Cust.PO Ref.: R405117

Cust.Phone:

Cust.Email:

Cust.Code: 200382

Cust.Fax:

Station: SOUTH

Part No. In: 2083-11-1

Description: SERVOED MACH AIRSPEED INDICATOR

Qty: 1

Part No. Out: 2083-11-1

Serial No: 1151

Previous WO No:

Documentation: 34-12-02 (SMITHS 36)

Location: SMITHS 36

ATA No: 34-12-02

Rev. & Date: 7 01-Oct-2015

Symptoms:

Inspection Report REPORTED DEFECT:-

RFR:SERVOED MACH AIRPSEED INOP

VISUAL INSPECTION:-

Unsatisfactory.

TEST / INSPECTION RESULTS:-

On initial inspection damage found on receptacle electrical. Also one index pointer found missing. Photos taken.

FINDINGS / CORRECTIVE ACTIONS:-

Receptacle electrical to be replaced.

One index pointer to be replaced.

On initial checks airspeed pointer found to be driving incorrectly.

A/S flag coming in and out of view.

Fault traced back to power supply PCB.

Suspect capacitors C7,C8,C9,C10,C11 on power supply to be at fault, needs to be replaced.

Due to the nature of fault, more defects may be apparent during testing.

Unit to be tested to CMM specification.

Replaced capacitors C7,C8,C9,C10,C11 on the power supply PCB the receptacle electrical and 1 index pointer.

Unit tested to CMM specification - Satisfactory.

MODS EMBODIED:-

None.

MOD PLATE STATUS:-

A,B,C,D,E,F,G,H,J,K,N.

Inspection Signature:

Stamp:



Inspect. Print Name:

J. J. BLAIR