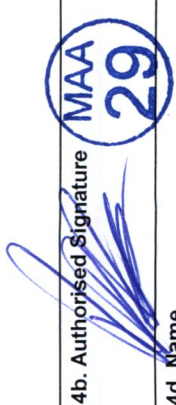


1. Approving Competent Authority/Country CAA/UNITED KINGDOM		2. AUTHORISED RELEASE CERTIFICATE CAA FORM 1		3. Form Tracking Number. C-251578	
4. Organisation Name and Address. MUIRHEAD AEROSPACE LIMITED T/A MUIRHEAD AVIONICS 3 Square One Heathrow Southall Lane Southall, Middlesex, UB2 5NH, UK Ph: +44(0) 20 8571 3422, Fax: +44 (0) 20 8571 2336		5. Work Order/Contract/Invoice Work Order No: RD18815 Customer Order No: R381940			
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work
1	ADF RECEIVER ADF-700	622-5222-102	1	5541	Repaired
12. Remarks MODS OBSERVED ON IDENT PLATE: 1,3,6-9,11-13,16-20,24,26,31 ADF-700-34-31 INITIAL RELEASE 21.05.2003 (MOD 31) Manual ID: 523-0771207, Revision #: Ed 1, Rev 26, Revision Date: 04/11/2015 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 RD18815					
13a. Certifies that 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. Authorised Signature:		13c. Approval/Authorisation No.		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.	
13d. Name		13e. Date (dd mmm yyyy)		14b. Authorised Signature  14c. Certificate/Approval Ref No. UK.145.00592	
				14d. Name J.D. PEARCE 14e. Date (dd mmm yyyy) 21 May 2021	
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 EASA		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1		3. Form Tracking Number. E-251578	
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: RD18815 Customer Order No: R381940			
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13b. Authorised Signature:		13c. Approval/Authorisation No.		14b. Authorised Signature 	
13d. Name		13e. Date (dd mmm yyyy)		14c. Certificate/Approval Ref No. EASA.UK.145.00592	
				14d. Name 	
				14e. Date (dd mmm yyyy) 21 May 2021	
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 #: RD18815

Date Printed: 24-May-21

Work Type: Repaired

Page: 1

To:

ATTN: KAREN MUIR
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.: R381940

Cust.Phone: +44 1403 798539

Cust.Email:

Cust.Code: 200382

Cust.Fax:

Station: SOUTH

Part No. In: 622-5222-102

Description: ADF RECEIVER ADF-700

Qty: 1

Part No. Out: 622-5222-102

Serial No: 5541

Previous WO No:

Documentation: 523-0771207

Location: SOU

ATA No: 34-53-70

Rev. & Date: Ed 1, Rev 26 04-Nov-2015

Symptoms:

Repair report REPORTED DEFECT:-

LH Inop

VISUAL INSPECTION:-

Satisfactory

FUNCTIONAL TEST RESULTS:-

Unit doesn't power up. 5VDC missing on Power Supply.

FINDINGS / CORRECTIVE ACTIONS:-

Found A8A3C301, C302 and C303 leaking.

A8A1U101 & A8A34101 are both defective. All defective parts replaced.

Embodied SB31 to reduce Power Supply Board damage due to ageing Power Supply components.

Unit still failed - Found blown Fuse due to faulty A8A34301 regulator - Replaced along with A8A3RB01 to rectify fault.

Unit assembled and tested satisfactory to full spec

MODS EMBODIED:-

ADF-700-34-31, Initial release 21.05.2003 (MOD 31)

MOD PLATE STATUS:-

1, 3, 6 - 9, 11 - 13, 16 - 20, 24, 26, 31

Inspection Signature:

Stamp:

Inspect. Print Name: