

CAA/UK

1. Approving Competent Authority/Country 2.

AUTHORISED RELEASE CERTIFICATE

3. Form Tracking Number

0000000000010837266

CAA FORM 1

Page 1 of 1

4. Organisation Name and Address:

Goodrich Actuation Systems
Stafford Rd, Fordhouses
Wolverhampton, West Midlands, WV10 7EH, England

5. Work Order/Contract/Invoice

45906811
U17782

6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work
01	HYDRAULIC CONTROL UNIT	TY2013-11	1	5412	REPAIRED

12. Remarks

Purpose: Approval for Return to Service
RETURNED FOLLOWING: REPAIR AND TEST IN ACCORDANCE WITH CMM 78-31-53 REVISION 7, DATED 20TH JANUARY 2011.
TSN: UNKNOWN CSN: UNKNOWN
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 FAA certificate No. L7Y504J.

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 1214a. ☒ 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.

13b. Authorised Signature	13c. Approval / Authorisation Number	14b. Authorised Signature	14c. Certificate / Approval Ref. No.
			UK.145.00860
13d. Name	13e. Date (dd mmm yyyy)	14d. Name	14e. Date (dd mmm yyyy)
		MARK HAWKINS	07 DEC 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

2.

AUTHORISED RELEASE CERTIFICATE

3. Form Tracking Number

0000000000010837259

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EASA

EASA FORM 1

4. Organisation Name and Address:

Goodrich Actuation Systems
Stafford Rd, Fordhouses
Wolverhampton, West Midlands, WV10 7EH, England

5. Work Order/Contract/Invoice

45906811
U17782

6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work
01	HYDRAULIC CONTROL UNIT	TY2013-11	1	5412	REPAIRED

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RETURNED FOLLOWING: REPAIR AND TEST IN ACCORDANCE WITH CMM 78-31-53 REVISION 7, DATED 20TH JANUARY 2011.
TSN: UNKNOWN CSN: UNKNOWN

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

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.

13b. Authorised Signature	13c. Approval / Authorisation Number	14b. Authorised Signature	14c. Certificate / Approval Ref. No.
			EASA.UK.145.00860
13d. Name	13e. Date (dd mmm yyyy)	14d. Name	14e. Date (dd mmm yyyy)
		MARK HAWKINS	07 DEC 2023

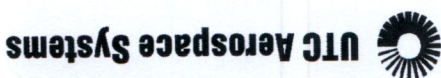
USER / INSTALLER RESPONSIBILITIES

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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.

TEARDOWN REPORT



Customer A J WALTER AVIATION	Cust PO	U17782	Operator PO
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Input Part	TY2013-11	5412	Input Serial	5412	Qty	1.000
Output Part	TY2013-11	5412	Output Serial	5412	Workscope	REPAIR
Cust Part		5412	Cust Serial	5412	Status/Work	REPAIRED
Description	HYDRAULIC CONTROL UNIT		Removal Code	Test and repair	Failure Date	
Aircraft			Engine Type		Tail No	9H-AEJ
Incoming NSN	N/A		Outgoing NSN	N/A	Accept Date	04.12.2023

Date Rec'd	16.11.2023	Quote Date	30.11.2023	Accept Date	04.12.2023
Ship Date		DOM	01.01.2000	Last Order Date	
Sales Order	121108680	Work Order	45906811	Notification	305470608

Customer Reason for Return	WORKSCOPE: TEST & REPAIR CUSTOMER REASON FOR REMOVAL: NOT SPECIFIED SERVICE BULLETIN REFERENCED ON ORDER: N/A CUSTOMER CMM/QUALITY DOC REFERENCED, ESO: N/A CUSTOMER PORTAL REQUIREMENTS: N/A RELEASE CERTS: EASA FORM ONE, CAA UK DUAL CUSTOMER FLOWDOWN INSTRUCTIONS: N/A
ESD (First Date) Change	OPS MGMT +- Scheduling / Prioritization
Certification Type	EASA, CAA DUAL
CMM Reference	C.M.M. 78-31-53. REV 7. Dated 20/01/2011.

Preliminary Inspection	Unit received in dirty condition. Aircraft unions fitted. Transportation caps missing. xl electrical transport missing, xl split. Leak evident by loose beiger. Fire blanket heavy with fluid. Fluid plate, ammendment plate and 4102 KS plate missing.
Receipt Survey Findings	

TEARDOWN REPORT



Work Order	45906811	Description	HYDRAULIC CONTROL UNIT	Date Rec'd	16.11.2023
Input Part	TY2013-11	Input Serial	5412		
Cust Part		Cust Serial	5412		

Evaluation Inspection	
Test As Received (T.A.R) Results	
Unit failed bench electrical tests. Insulation resistance 0.0.L. Unit tested to establish hydraulic functionality. Solenoids will need testing independently.	

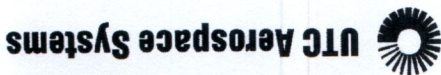
Work Performed	
Strip Observations	
Solenoids removed, fault confirmed. Deploy solenoid faulty. Fluid observed in viking connector receptacle Wiring loom removed and cleaned. Loose Berger removed.	

Administrative Notes	
Additional Information:	
Wiring loom refitted. Replacement deploy solenoid fitted S/N. 22G00260. Unit passed bench electrical checks. Unit passed functional tests. Unit wire locked where applicable. Berger applied. FINAL INSPECTION CONDUCTED PRIOR TO RELEASE TO SERVICE.	

Components :						
Order	Material	Description	Req Qty	Issued	Reason Code	Stor Loc
45906811	A88669	PLATE	1	1	Missing on receipt	REPS
45906811	C58450-21	AMENDMENT PLATE	1	1	Missing on receipt	REPS
45906811	C63559-4	I.D. PLATE	1	1	Missing on receipt	REPS
45906811	A46520-5	PLUG (TRANSPORTATION)	1	1	Missing on receipt	REPS
45906811	CH10142-905	O-RING SEAL	1	1	Missing on receipt	REPS

Goodrich Actuation Systems Ltd.
Stafford Road
WOLVERHAMPTON
WV10 7EH
UNITED KINGDOM
Repair Station #LFTY504J

TEARDOWN REPORT



Work Order 45906811 Description HYDRAULIC CONTROL UNIT Date Rec'd 16.11.2023

Input Part TY2013-11

Input Serial 5412

Cust Serial 5412

Cust Part

45906811	A46520-4	PLUG (TRANSPORTATION)	2	2	2	Missing on receipt	REPS
45906811	CH101-42-904	O-RING SEAL	2	2	2	Missing on receipt	REPS
45906811	A46520-2	PROTECTION PLUG	2	2	2	Missing on receipt	REPS
45906811	CH101-42-908	O-RING SEAL	2	2	2	Missing on receipt	REPS
45906811	CH128721	PLUG(PROTECTION)	1	1	1	Missing on receipt	REPS
45906811	CH101-42-910	O-RING SEAL	1	1	1	Missing on receipt	REPS
45906811	MS21914-5J	HARDWARE, FLARELESS, PLUG	1	1	1	Missing on receipt	REPS
45906811	MS90376-12Y	CAP, DUST	2	2	2	Disassembly	REPS
45906811	CH2013A0009	BLANKET	1	1	1	Heavy with fluid	REPS
45906811	7015MR952-5711	SEAL, AGT	1	1	1	Disassembly	REPS
45906811	2207N016019-942	SEAL, CAP	1	1	1	Disassembly	REPS
45906811	NAS1611-021A	PACKING	1	1	1	Disassembly	REPS
45906811	NAS1611-112A	PACKING-PREFORMED(O-RING) ETHYLENE PROPY	1	1	1	Disassembly	REPS
45906811	CH2013A0043	SOLENOID	1	1	1	ELECTRICAL FAULT	REPS

Author :
Signature:
Date:

NOT APPLICABLE

UTASW 0837

Authorized Approval :
Print name :
Signature:
Date:

MARK HAWKINS

UTASW 0837

07 DEC 2023

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