
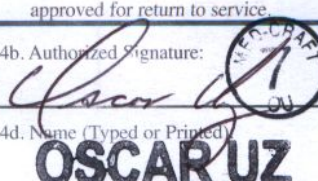


1. Approving Civil Aviation Authority/Country FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 154645
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4. ORGANIZATION: Name and Address  Med-Craft, Inc.	2450 N.W. 110th Avenue Miami, Florida 33172 Tel.: (305) 594-7444 Fax: (305) 594-9080 F.A.A. Repair Station N° LZ4R354M	5. Work Order / Contract / Invoice Number: FP-R371702
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1.	Power Control Unit Assy	3321500-14	1	7465	OVERHAULED

12. Remarks:	Work Order 154645 prescribing the actual work performed is attached. 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: EASA.145.4663. The work stated in Block 11 was accomplished IAW CMM 27-61-21 Rev Date: 03/19/18 Rev No: 28
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13a. Certifies the items identified above were manufactured in conformity to: *** Approved design and data in accordance to the applicable *** *** applicable design and data in accordance to the applicable *** *** applicable design and data in accordance to the applicable *** *****	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations specified in Block 12 Certified 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: *****	14b. Authorized Signature:  OSCAR UZ
13c. Approval/Authorization No.: *****	14c. Approval/Certificate Number: LZ4R354M
13d. Name (Typed or Printed): *****	14d. Date (dd/mm/yyyy): 11 MAR 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 airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in block 1.	
Statements in Block 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.	

WORK ORDER

Work Order :154645
Part Number :3321500-14
Serial Number :7465
ATA Number :27-61-21
Service Req. :Repair

Repair Order :FP-R371702
Description :Power Control Uni
Manufacturer :Moog
Revision Date :03/19/18
Date :01/28/20

FAA REPAIR STATION LZ4R354M

PRELIMINARY VISUAL INSPECTION

VISUAL INSPECTION APPEARS NORMAL

HIDDEN DAMAGE INSPECTION

N/A

Receiving Clerk: Orlando Sanchez

DATE: 01/28/2020

CONDITION REPORTED

Leakage.

REMARKS

NONE

AD NOTES, Customer Specs

AD NOTES ON FILE:

NO: 2017-04-07 03/28/17

Verified by: 

DATE: 01/28/2020

FORM MC10-1

REV 16

WORK ORDER

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Service Req. :Repair

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FAA REPAIR STATION LZ4R354M

PRELIMINARY FUNCTIONAL TEST/TEARDOWN REPORT

*Pretest

Upon pretest found:

1. External leakage from piston rod seal.

*Disassembly

Upon disassembly and inspection, the following discrepancies were found:

1. Set and compressed packings.
2. Deteriorated seals.
3. Piston requires in house rework (Polishing).
4. NDT and plating will be performed.
5. AD 2017-04-07 Dated 03-28-17 will not be accomplished on this shop visit. AD Note allows for compliance or replacement within 51 months after the effective date of March 28, 2017.
6. Unit was disassembled, cleaned and inspected as per manufacturer's specifications.
7. Unit requires overhaul.

TECHNICIAN: Emilio Medina

SUPERVISOR: 



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FAA REPAIR STATION LZ4R354M

CORRECTIVE ACTION

1. Replaced all worn and damaged parts.
2. Reassembled and tested in accordance with the manufacturer's specifications.
3. Unit passed all functional tests.

Unit overhauled and certified for return to service.

Tech : Brandon Kirkman Spvsr : [Signature] Date : 03/10/20



SERVICE PERFORMED

Overhauled

FINAL INSPECTION/RETURN TO SERVICE

Issued with respect to job performed as checked above.
The component identified above was inspected in accordance with current regulations of the F.A.A. and is approved for return to service. Pertinent details of the repair are on file at this agency under

W.O.# 154645 Date 11 MAR 2020

Signed

[Signature]

TEST RESULTS REPORT

Work Order No.: 154645
 Part Number : 3321500-14
 Serial Number : 7465
 ATA No. : 27-61-21
 Service Req. : Repair

Repair Order : FP-R371702
 Description : Power Control U
 Manufacturer : Moog
 Revision Date: 03/19/18
 Date : 01/28/20

FAA REPAIR STATION LZ4R354M

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Test #	Reference	Description	Low	Reading	High	Qty
1)	2D1	PROOF PRESSURE PORT				
2)	2D1B2	DE-ENERGIZED AND			4500	PSIG
3)		RETRACTED FOR			1	MIN
4)		EXTERNAL LEAKAGE		0	0	
5)	2D1B6	DE-ENERGIZED AND				
6)		EXTENDED			4500	PSIG
7)	2D1C3	PROOF RETURN PORT			3000	PSIG
8)	2D1C5	PROOF RETURN PORT	2	3	3	PSIG
9)	2D2A	INTERNAL LEAKAGE AT			3000	PSIG
10)		RETRACTED		340	875	CC/MIN
11)		EXTENDED		350	875	CC/M
12)	2D2B	EXTERNAL LEAKAGE AT			3000	PSIG
13)		PISTO LEAK		0	1	DROP/M
14)		AFTER			100	CYCLES
15)	2D3	STROKE	2.480	2.488	2.500	INCH
16)	2D4	BLOCKING AND THERMAL				
17)		RELIEF VLV				
18)	2D4H	PISTON DISPLACEMENT		0.019	0.030	INCH
19)	2D6C	RVDT OUT PUT	3.375	4.006	4.745	VDC
20)		SERVO VALVE				
21)		COIL RESISTANCE	906	1021	1070	OHMS

TECHNICIAN: Brandon Kirkman

INSPECTOR: [Signature]



FORM MC1040

DATE: 10 MAR 2020

REV 940617

WORK ORDER

Work Order :154645
Part Number :3321500-14
Serial Number :7465
ATA Number :27-61-21
Service Req. :Repair

Repair Order :FP-R371702
Description :Power Control Uni
Manufacturer :Moog
Revision Date :03/19/18
Date :01/28/20

FAA REPAIR STATION LZ4R354M

Removed Components

<u>Part Number</u>	<u>Serial Number</u>
A71874-4	10056
GM6937-5	14795

Installed Components

<u>Part Number</u>	<u>Serial Number</u>
A71874-4	10056
GM6937-5	14795

TECHNICIAN: Michael O'Hara

DATE: 02/05/20