
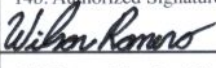


1. Approving Civil Aviation Authority/Country FAA/United States	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: <b>139993</b>
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4. ORGANIZATION: Name and Address  <b>Med-Craft, Inc.</b>	2450 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:  <b>TM-R333204</b>
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1.	<b>Flap Actuator Transmission</b>	<b>256A3110-4</b>	<b>1</b>	<b>0080/3110</b>	<b>OVERHAULED</b>

12. Remarks:
<b>Work Order 139993 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 27-55-67 Rev Date: 11/01/17 Rev No.: 35</b>

13a. Certifies the items identified above were manufactured in conformity to: ***** ***** ***** ***** *****	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:  <b>WILSON ROMERO</b>
13c. Approval/Authorization No.: ***** ***** *****	14c. Approval/Certificate Number: <b>LZ4R354M</b>
13d. Name (Typed or Printed): ***** ***** *****	14d. Name (Typed or Printed): <b>WILSON ROMERO</b>
13e. Date (dd/mm/yyyy): ***** ***** *****	14e. Date (dd/mm/yyyy): <b>28 FEB 2018</b>

<b>User/Installer Responsibilities</b>
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>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.</p> <p>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.</p>

# WORK ORDER

Work Order :139993  
Part Number :256A3110-4  
Serial Number :0080/3110  
ATA Number :27-55-67  
Service Req. :Repair

Repair Order :TM-R333204  
Description :Flap Actuator Tra  
Manufacturer :Boeing  
Revision Date :11/01/17  
Date :01/15/18

## FAA REPAIR STATION LZ4R354M

### PRELIMINARY VISUAL INSPECTION

VISUAL INSPECTION APPEARS NORMAL

### HIDDEN DAMAGE INSPECTION

N/A

Receiving Clerk: Giovanni Acosta

DATE: 01/15/2018

### CONDITION REPORTED

RFR:#5 #8 Flap drive transmissions failed no back brake Test.

### REMARKS

NONE

### AD NOTES, Customer Specs

THERE ARE NO A.D. NOTES FOR THIS UNIT

Verified by: Wilson Romero



DATE: 01/15/2018



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## FAA REPAIR STATION LZ4R354M

### PRELIMINARY FUNCTIONAL TEST/TEARDOWN REPORT

#### \*Pretest

Upon pretest found:

1. Unit leaking through output shaft seal.
2. Unit failed "no-back" break test, condition reported confirmed.
3. Unit requires disassembly as per CMM.

#### \*Disassembly

Upon disassembly and inspection, the following discrepancies were found:

1. Worn pawls and pawl springs.
2. Scored seals.
3. Set and compressed packings.
4. Worn and scored inner diameter of output shaft yoke bearings, shaft and yoke will be reworked in-house to replace bearings. Bearings will be ordered.
5. Worn plating from surface of parts.
6. Corroded hardware.
7. NDT and plating will be performed.
8. Shims required for assembly will be ordered.
9. Unit require overhaul.

TECHNICIAN: Yoe Fernandez

SUPERVISOR: \_\_\_\_\_





# WORK ORDER

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## FAA REPAIR STATION LZ4R354M

### CORRECTIVE ACTION

1. All worn and damaged parts were replaced.
2. Unit 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 : Jose Peraza Spvrs :  Date : 02/26/18

### 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.# 139993 Date 28 FEB 2018

Signed