

1. Approving National Aviation  
Authority/Country  
FAA/United States

2.

## AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

**109590**

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:

**RPTM-201056**

6. Item:

7. Description:

8. Part Number:

9. Eligibility: \*

10. Qty.:

11. Serial/Batch Number:

12. Status/Work:

1. Elevator Cont. Package

234700-1003

N/A

1

344

OVERHAULED

13. Remarks:

Work Order 109590 prescribing the actual work performed is attached. Certifies that the work specified in block 12/13 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 12 was accomplished IAW CMM 27-30-10 Rev Date: 01/03/13 Rev No.: 11

14. \* \* \* \* \*

19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulations specified in Block 13  
Certified that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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

20. Authorized Signature:

21. Approval/Certificate Number:

LZ4R354M

22. Name (Typed or Printed):

OSCAR UZ

23. Date (mm/dd/yy):

APR 16 2013

## User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with 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 parts/components/assemblies from the airworthiness authority of the country specified in block 1.

Statements in Block 14 and 19 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 :109590  
Part Number :234700-1003  
Serial Number :344  
ATA Number :27-30-10  
Service Req. :Overhaul

Repair Order :RPTM-201056  
Description :Elevator Cont. P  
Manufacturer :Parker  
Revision Date :01/03/13  
Date :03/18/13

## FAA REPAIR STATION LZ4R354M

### CONDITION REPORTED - CONFIRMATION N/A

Defect unknown.

### CONDITION AS RECEIVED

VISUAL INSPECTION APPEARS NORMAL

### HIDDEN DAMAGE INSPECTION

NONE FOUND

### REMARKS

QUOTE and HOLD.

Receiving Clerk: Giovanni Acosta

DATE: 03/18/2013

### AD NOTES, Customer Specs

THERE ARE NO A.D. NOTES FOR THIS UNIT

Signature: \_\_\_\_\_



DATE: \_\_\_\_\_

03/18/2013

FORM MC10-1

REV 16

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Revision Date :01/03/13  
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## FAA REPAIR STATION LZ4R354M

### TEARDOWN REPORT

#### \*Pretest

Upon pretest found:

1. Null setting is out of adjustment.

#### \*Disassembly

Upon disassembly and inspection, the following discrepancies were found:

1. Set and compressed packings.
2. Deteriorated seals.
3. Corroded hardware, replacement will be ordered.
4. Trunnion assembly requires replacement due to gouged ID.
5. NDI and plating will be performed.
6. Unit was disassembled, cleaned, and inspected in accordance with CMM 27-30-10.
7. Unit will be overhauled as per customer's request.

TECHNICIAN: Michael O'Hara

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





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## FAA REPAIR STATION LZ4R354M

### CORRECTIVE ACTION

1. Replaced all worn and damaged parts.
2. NDI and plating were performed.
3. Reassembled and tested in accordance with CMM 27-30-10.
4. Unit passed all functional tests.

Unit overhauled and certified for return to service.

Tech : Michael O'Hara Spvsr : 3 Date : 04/15/13



### SERVICE PERFORMED

Overhauled

### MAINTENANCE RELEASE

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.# 109590 Date APR 16 2013 Signed 7





# TEST RESULTS REPORT

Work Order No.: 109590  
 Part Number : 234700-1003  
 Serial Number : 344  
 ATA No. : 27-30-10  
 Service Req. : Overhaul

Repair Order : RPTM-201056  
 Description : Elevator Cont.  
 Manufacturer : Parker  
 Revision Date: 01/03/13  
 Date : 03/18/13

## FAA REPAIR STATION LZ4R354M

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Test #	Reference	Description	Low	Reading	High	Qty
1)	9	Operational test				
2)	9-A	Neutral adjustment				
3)		Retract max travel		.076	0.125	INCH
4)		Extend max travel		.037	0.125	INCH
5)	9-B	Proof press				
6)		Extend and retract	3	OK	5400	PSIG
7)	9-C	Centering test				
8)		Retract max travel		.090	0.125	INCH
9)		Extend max travel		.040	0.125	INCH
10)	9-D	Input clearance				
11)	9-E	Input overtravel	0.115	.127		
12)	9-F	Internal leakage				
13)		Extend		130	187	CC/M
14)		Retract		90	187	CC/M
15)		Mid-stroke		270	400	CC/M
16)	9-G	Input force test				
17)	9-G-2	Breakout extend		7.6	9.8	LBS
18)		Breakout retract		7.9	9.8	LBS
19)	9-G-3	Hard over extend		13.9	17.10	LBS
20)		Hard over retract		14.6	17.10	LBS
21)	9-H	Dynamic leakage		0	1	D
22)	9-I	Manual threshod		.002	.005	INCH
23)	9-J	Position test				
24)	9-K	Output rate test				
25)	9-L	Low press leakage				

TECHNICIAN: Michael O'Hara

INSPECTOR: \_\_\_\_\_



DATE: APR 16 2013

REV 940617