

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 1460319	
4. Organization Name and Address: "A" SYSTEM HYDRAULICS, INC 7885 N.W. 56 STREET, DORAL, FL 33166-3523, FAX 305/477-9480, 305/477-4212				5. Work Order/Contract/Invoice Number 14603 / W46061	
6. Item:		7. Description:		8. Part Number:	
001		HYDRAULIC ACTUATOR		007-02727-27	
9. Quantity:		10. Serial Number:		11. Status/Work:	
01		LHTGG772		REPAIRED	
12. Remarks: PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS FACILITY UNDER THE WORK ORDER NUMBER SHOWN IN BLOCK 5. OVERHAULED I/A/W CMM 29-16-03 REV. 004 DATED 05/30/2017.					
A System Hydraulics, Inc certifies that the work specified in block 11/12 was carried out in accordance with EASA IR Part 145 approval and with respect to that work the aircraft component is considered ready for release to service under EASA Part 145 Approval Number EASA.145.4001					
13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12			
☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data 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 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:		13c. Approval/Authorization No.:		14c. Approval/Certificate No.:	
				A0YR197L	
13d. Name (Typed or Printed)		13e. Date (dd/mm/yyyy):		14e. Date (dd/mm/yyyy):	
				20/Aug/2019	

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 national regulations by the user/installer before the aircraft may be flown.	

WORK ORDER FORM 100

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"A" SYSTEM HYDRAULICS, INC

7885 N.W. 56 STREET
DORAL, FL 33166-3523
FAX 305/477-9480
305/477-4212

FAA CRS No: A0YR197L

WORK ORDER: 14603-19

Customer: 1492

Cust RO#: W46061

Mfg: PEMCO PEMCO WOR

Outgoing 007-02727-27 / HYD.ACTUATOR

Step: SHIPPING & RECEIVING

TSO: UNK

Dept#: HYD

Location: RACK 30

Warranty Code: 00 /360

Goodthru AD#2019-16

S/N: LHTGG772 EASA AD Checked: 4/

Incoming P/N: 007-02727-27	
Incoming S/N: LHTGG772	
Incoming Work Req.: REPAIR	Outgoing Work Req: REPAIR

Manual#: 0519	RevDate: May 30, 2017 Rev#: 004	ATA: 29-16-03
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Reason/Rm: LEAKING	
Date Recvd: Jul 16, 2019	Date Reqr'd: Aug 20, 2019
	Date Estmtd: Aug 30, 2019

PRELIMINARY INSPECTION: FOUND P/N & S/N ON UNIT.	DATE: Jun 16, 2019	INSPECTOR: JS <i>[Signature]</i> for JS
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PRE TEST (Yes/No): Y UNIT FAILED LEAKAGE TEST FROM GLAND #45	DATE: Jul 25, 2019	INSPECTOR: UYB <i>[Signature]</i>
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HIDDEN DAMAGE: NO	
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TEARDOWN FINDINGS: DISASSEMBLED UNIT CLEANED & INSPECTED I/A/W MFR'S SPECS. PACKINGS AND SEALS WORN. PISTON #75 NEEDS MINOR REWORK. ROD END #10 HAS WORN THREAD AND DAMAGED BEARING. ROD END #15 HAS A LOOSE BEARING.	
TECHNICIAN: JM <i>[Signature]</i>	DATE: Jul 26, 2019 INSPECTOR: UYB <i>[Signature]</i>

FINAL INSPECTION BEFORE ASSEMBLY:	DATE: Aug 14, 2019 INSPECTOR: JPW <i>[Signature]</i>
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CORRECTIVE ACTION: REPLACED ALL DEFECTIVE PARTS I/A/W MFR'S SPECS. REPLACED ALL REQUIRED PARTS I/A/W MFR'S SPECS. ACCOMPLISHED MINOR REWORK ON PISTON #75 I/A/W MFR'S SPECS. RE-ASSEMBLED UNIT I/A/W MFR'S SPECS. APPLIED PRIMER & TOP COAT OF PAINT I/A/W MFR'S SPECS.	
TECHNICIAN: WF <i>[Signature]</i>	DATE: Aug 14, 2019 INSPECTOR: JPW <i>[Signature]</i>

MODIFICATION/SERVICE BULLETINS: NONE	
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Test Data Used: 29-16-03	
Test Technician: WF <i>[Signature]</i>	DATE: Aug 20, 2019

Printed Aug 21, 2019 11:27:06 ASH-012 #

Labor Task Control#



WORK ORDER FORM 100

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DORAL, FL 33166-3523

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FAA CRS No: A0YR197L

WORK ORDER: 14603-19

Customer: 1492

Cust RO#: W46061

Mfg: PEMCO PEMCO WOR

Outgoing 007-02727-27 / HYD.ACTUATOR

Step: SHIPPING & RECEIVING

TSO: UNK

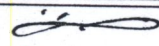
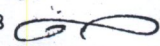
Dept#: HYD

Location: RACK 30

Warranty Code: 00 /360

Goodthru AD#2019-16

S/N: LHTGG772 EASA AD Checked: 4

Inspector: UYB 
Final Inspection: UYB 
Technician: WF 
Inspector: UYB 

DATE: Aug 20, 2019

DATE: Aug 20, 2019

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DATE: Aug 20, 2019

ADDITIONAL COMMENTS:

TESTED UNIT I/A/W MFR'S SPECS.

MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved For Return to Service by USMAN Y. BHATTI 

Date Aug 20, 2019

