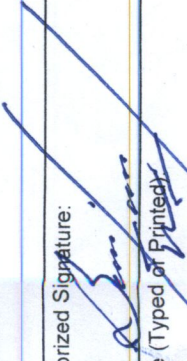


1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 224549	
4. Organization Name and Address: Aero Accessories & Repair, Inc. FAA CERT #77AR783B 15501 SW 29TH ST. SUITE#201 MIRAMAR, FL 33027 Ph: 954-266-1300, FAA Approval Holder: 77AR783B				5. Work Order/Contract/Invoice Number: 53824 T39788	
6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	AUTOPILOT ACTUATOR ASSEMBLY	158300-101	1	20801	REPAIRED
12. Remarks: The component identified above was REPAIRED in accordance with Federal Aviation Regulation and is approved for return to service with respect to the work performed. Pertinent details of the work accomplished are on the file at this agency under Form Tracking Number identified above. S/B and A/D: None Applicable. OEM CMM: 27-10-05, Revision#: 18, Revision Date:9/22/2016 ORIGINAL Certifies work specified in blocks 11/12 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number EASA 145-6467					
13a. Certifies 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					
13b. Authorized Signature:		13c. Approval Authorization No.:		14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14b. Authorized Signature: 	
				14c. Approval/Certificate No.: 77AR783B	
				14d. Name (Typed or Printed): WELCEMEN B. JEANNOT	
				14e. Date (dd/mm/yyyy): 13-Dec-2022	
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. Statement 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.					

**Aero Accessories & Repair, Inc.**

FAA CERT #77AR783B
15501 SW 29TH ST. SUITE#201
MIRAMAR, FL 33027
Ph: 954-266-1300,

Work Order**Work Order #: 53824**

Date Printed: 12/13/2022

Time: 10:09:34 AM

Page: 1

To:

AJW AVIATION LTD.
THE HEADQUARTERS
MAYDWELL AVENUE
SLINFOLD, SLI RH13 0AS
UNITED KINGDOM

Ship To:

AJW AVIATION LTD.
THE HEADQUARTERS
MAYDWELL AVENUE
SLINFOLD, WS RH13 0AS
UNITED KINGDOM

Ref #: T39788

Phone #: 305 470 8007

Fax #: 441.403.710.936

Email: louise@ajw-group.com

Code: 45

Site: SH/KM

PN: 158300-101

Descr: AUTOPILOT ACTUATOR ASSEMBL

Qty: 1

Station: HYDRAULIC

Make:

Model:

Mfg: _

Repair Manual(s): 27-10-05 Rev: 18 Rev. Date: 9/22/2016

Entry Date: 11/23/2022

Need Date: 12/12/2022

Compl. Date: 12/13/2022 10

Warranty: No

Container:

Serial Numbers: 20801

RECEIVING INSPECTION

P/N and S/N Verified on unit and customer RO. No external damage notes. See RO for workscope. Technician must verify.

PRELIMINARY INSPECTION

P/N 158300-101 verified IAW MOOG CMM 27-10-05 Revision 18 Rev Dated SEP 22/16.

S/N 20801 Verified through ID plate and customer RO.

Solenoid. P/N 881600-1001 S/N 108681

Solenoid. P/N 881600-1001 S/N 108680

Servovalve. P/N A71882-003 S/N 57326

No AD's applicable for the unit at this time.

TSN: UNK CSN: UNK

TSO: UNK CSO: UNK

HIDDEN DAMAGE

None noted.

INITIAL FINDINGS

Unit failed functional check IAW MOOG CMM 27-10-05 Revision 18 Rev Dated SEP 22/16.

Reason: External leak.

Customer complaint: N/A.

Tech: DT# 116

TEARDOWN FINDINGS

Unit partially disassembled, cleaned and inspected IAW MOOG CMM 27-10-05 Revision 18 Rev Dated SEP 22/16. Unit requires replacement of all packings, seals and retainers removed during disassembly. Minor nicks, scratches and dents do not affect fit, form, or function of the unit.

Unit will be repaired.

Tech: DT #116

CORRECTIVE ACTION

Replaced all parts and corrected all findings listed in Teardown report. Unit was repaired IAW MOOG CMM 27-10-05 Revision 18 Rev Dated SEP 22/16.

Tech: D.T. #116

Authorized Signature: _____

Name: WELCEMEN JEANNOT

Date: 12/13/2022