

1. Approving Civil Aviation Authority/Country:  
**FAA/UNITED STATES**

2. Authority/Country:  
**FAA/UNITED STATES**

3. Form Tracking Number:  
**127998**

4. Organization Name and Address:  
**Aero Accessories & Repair, Inc.  
FAA CERT #77AR783B  
15351 SW 29th ST SUITE 600  
MIRAMAR, FL 33027  
Ph: 954-266-1300,  
FAA Approval Holder: 77AR783B**

5. Work Order/Contract/Invoice Number:  
**31489  
R369427**

6. Item 7. Description:  
**1 STABILIZER TRIM ACTUATOR ASSY.**

8. Part Number:  
**251A4510-11**

9. Quantity:  
**1**

10. Serial Number:  
**13100108**

11. Status/Work:  
**OVERHAULED**

12. Remarks:  
The component identified above was OVERHAULED 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.

REMOVED FROM A/C REG: 4X-EHB  
TSN: 23188:39 CSN: 6263  
TSO: 0.00 CSO: 0.00

FAA & EASA S/B and A/D's: None Applicable.

OEM CMM: 27-45-12, Revision#: 48, Revision Date: 11/1/2019

**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 work specified in Block 14a and in respect to that work, the items are approved for return to service.

14a.  14 CFR 43.9 Return to Service  Other regulation specified in Block 12

14b. Authorized Signature:  
*Alfonso Ojeda*

14c. Approval/Certificate No.:  
**77AR783B**

14d. Name (Typed or Printed):  
**ALFONSO OJEDA**

14e. Date (dd/mm/yyyy):  
**19-Feb-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.

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.

FAA Form 8130-3 (02-14) NSN:0052-00-012-9005



**Aero Accessories & Repair, Inc.**

FAA CERT #77AR783B  
15351 SW 29th ST SUITE 600  
MIRAMAR, FL 33027  
Ph: 954-266-1300,

**Teardown Inspection**

**Work Order #: 31489**

Date Printed: 2/19/2020

Time: 3:25:30 PM

Page: 1

**To:**  
AJW RP1  
THE HEADQUARTERS  
MAYDWELL AVENUE  
SLINFOLD, WS RH130AS  
UNITED KINGDOM

**Ship To:**  
AJW RP1  
THE HEADQUARTERS  
MAYDWELL AVENUE  
SLINFOLD, WS RH130AS  
UNITED KINGDOM

Ref #: R369427

Phone #: 44-1403-79800

Fax #:

Email:

Code: A57

Site: JL/KM

PN: 251A4510-11

Descr: STABILIZER TRIM ACTUATOR ASS

Qty: 1

Station: HYDRAULIC

Make:

Model:

Mfg: \_

Serial Numbers: 13100108

**Symptoms:**

RECEIVING INSPECTION

P/N AND S/N WAS VERIFIED ON UNIT AND CUSTOMER RO. NO EXTERNAL DAMAGE NOTED. NO AD APPLICABLE. SEE RO FOR WORKSCOPE. TECH MUST VERIFY.

PRELIMINARY INSPECTION

P/N 251A4510-11 AND S/N 13100108 VERIFIED AGAINST NAMEPLATE AND CUSTOMER RO. NO OBVIOUS EXTERNAL DAMAGE NOTED. NO AD'S AFFECTING THIS PART NUMBER. BALLSCREW ASSEMBLY P/N 07322P000-05, S/N 0396.

**Faults:**

HIDDEN DAMAGE

NONE NOTED.

INITIAL FINDINGS

NO PRETEST PERFORMED. UNIT CAME FOR OVERHAUL PER CUSTOMER REQUEST.

TEARDOWN INSPECTION

UNIT WAS DISASSEMBLED, CLEANED AND INSPECTED IAW BOEING CMM 27-45-12 REV. 48 DATED NOV. 1, 2019. UNIT REQUIRES ALL SEALS, PACKINGS AND RETAINERS. HOUSING WILL BE SENT OUT FOR CAD REPAIR. BALLSCREW ASSEMBLY WILL BE SENT FOR OVERHAUL EXCHANGE. GIMBAL PINS ARE WORN AND REQUIRE REPLACEMENT. UNIT WILL BE OVERHAULED. UNIT HAS MINOR DENTS, NICKS AND SCRATCHES DO NOT AFFECT FIT, FORM OR FUNCTION OF THE UNIT.  
OVERHAUL QUOTE. TECH: A.M. # 40.

**Corrective Actions:**

CORRECTIVE ACTION

UNIT WAS OVERHAULED AND TESTED IAW OEM CMM 27-45-12 REVISION 48 DATED NOV 01, 2019. REPLACED ALL DEFECTIVE AND WORN PARTS LISTED ABOVE. NEW BALLSCREW ASSY WAS REPLACED IN OVERHAUL CONDITION P/N 073. PERFORMED CADMIUM PLATING, STRESS RELIEF AND POST CHROMATE TREATMENT ON HOUSING, YOKE AND ON GIMBAL.  
REMOVED FROM A/C REG: 4X-EHB  
TSN: 23188:39 CSN: 6263  
TSO: 0.00 CSO: 0.00  
TECH: A.M. # 40

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

Name: ALFONSO OJEDA

Date: 2/19/2020