

1. Approving Civil Aviation  
Authority/Country:  
**FAA / United States**

2.

# AUTHORIZED RELEASE CERTIFICATE

## FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

18212

4. Organization: **PATRIOT COMPONENTS**  
Name and Address: **11700 NW 101st Road - Suite 19 - Medley, FL 33178**

FAA Certificate: **Z3XR429B**

5. Work Order/Contract/Invoice Number:

**RW1984**

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
<b>1</b>	<b>POSITION TRANSDUCER UNIT</b>	<b>422081-100</b>	<b>1</b> EA	<b>1493</b>	<b>Repaired</b>

12. Remarks: In accordance with manual No. 27-44-51 Revision: 17 Revision Date: NOV 15 2022

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.

There are no applicable AD's required.

**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 145-6466".**

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

13b. Authorized Signature:  
13d. Name (Typed or Printed):



14a. ☒ 14 CFR 43.9 Return to Service

☒ Other regulation 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.

14b. Authorized Signature:  
14c. Approval/Certificate No.: **Z3XR429B**  
14d. Name (Typed or Printed): **Joseph Muniz QC**  
14e. Date (dd/mm/yyyy): **15/Jun/2023**

### Responsibilities

It is important to understand that the existence of this document

Where the user/installer performs work in accordance with Block 1, it is essential that the user/installer ensures it

Statements in Blocks 13a and 14a do not constitute national regulations by the user/installer before

authority to install the aircraft engine/propeller/article.

authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures it

in all cases, aircraft maintenance records must contain an installation certification issued in accordance with the





## PATRIOT COMPONENTS

11700 NW 101st Road - Suite 19 - Medley, FL 33178

Tel. 786-231-1244 Fax. 786-231-1245

repairs@patriotcomponents.com

www.patriotcomponents.com



# TEARDOWN REPORT

Page : 1 of 1

Aircraft : Quote Amount : Removed Date : TSN : CSN : CSO : Receiving Insp. : JORGE ALVAREZ Mechanic : Mechanic : Inspector : JOSEPH MUNIZ	W/O No. 18212 P/N 422081-100 S/N 1493
For Customer : MIDAMERICAN AEROSPACE, LTD S.O. No. : 025422 Line No. : 1	

Cust P.O. : RW1984	P/N : 422081-100	Trace to :
Our Ref : 5Lbs / 10c	Desc : POSITION TRANSDUCER UNIT	Tag Info :
Warranty :	S/N : 1493	MFG Lot :
Department :	MFG : GOODRICH	Manual : 27-44-51
Work Req'd :	Qty : 1	Revision : 17 / Nov-15-2022
Completed P/N : 422081-100	S/N As : 1493	Cond As: RPD
Company : 1	Division :	Into Bin Loc : [w/h]: 777 [Loc]: SHIPPING
Order Date : Feb-15-2023	Received Date : Feb-15-2023	Print Date : Jun-15-2023
Due Date :		

### Repair/Service WORK ORDER No. 18212

Manuals	Description	Manual Date	Revision No.	Revision Date	Current	Until
27-44-51	STABILIZER ACTUATOR	Jan-01-1987	17	Nov-15-2022	<input checked="" type="checkbox"/>	Aug-04-2023

#### Reported By Customer

PLEASE EVALUATE UNIT FOR WARRANTY CONSIDERATION. [SEE RO FOR MORE INFORMATION].

#### Receiving Inspection

P/N AND S/N VERIFIED PER DATA PLATE AND R/O. See RO for special/detailed instructions.

#### Preliminary Insp.

P/N AND S/N VERIFIED AS STAMPED ON UNIT.

#### Functional Test

UNIT FAILED FUNCTIONAL TESTS. INTERMITTENT RVDT #2, THE UNIT READINGS AT NULL POSITION FOR THE ABOVE MENTIONED RVDT ARE OUT OF CALIBRATION.

#### Teardown Inspection

PARTIALLY DISASSEMBLED, CLEANED, AND INSPECTED IAW CMM. UPON TESTS AND INSPECTION FOUND BAD CONNECTION ON WIRE S1 RVDT #2, THAT CAN CONFIRM A FAILURE. UNIT REQUIRES RECALIBRATION FOR REPAIR. WARRANTY ACCEPTED.

#### Corrective Action

REPLACED ABOVE MENTIONED ITEMS, ASSEMBLED TESTED AND FINALED UNIT IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION ADMINISTRATION AND FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE WORK PERFORMED IS ON FILE AT OUR FACILITY UNDER THE WORK ORDER STATED ABOVE.

HAM W84081 08.08.23 17:09 T



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Authorized Signature :

Name : Joseph Muniz QC

Date : Jun-15-2023