

1. Approving Civil Aviation
Authority/ Country:

FAA/United States

2.

Authorized Release Certificate

FAA Form 8130-3, Airworthiness Approval Tag

3. Form Tracking Number:

173430

4. Organization Name and Address:

Aviation Instruments Repair Specialists, Inc. VTBR433V
A.I.R.S./14316 Commerce Way Miami Lakes, FL 33016 U.S.A.
Phone: (305) 887-5600 Fax: (305) 820-0931

5. Work Order/Contract/
Invoice Number:

R398975

6. Item:

7. Description:

8. Part Number:

9. Quantity:

10. Serial Number:

11. Status/Work:

1 AIR DATA COMPUTER

501FAD1-1

1ea.

1681

REPAIRED

12. Remarks:

REPAIRED in accordance with CMM: 34-10-97 Revision: 17 Date: 12/31/2012
Full details of work carried out per work order no. 173430
Modification Level: 1,2
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 AIR DATA COMPUTER is considered ready for release to service under EASA Part 145 approval no. EASA.145.5033.

FAA Ad's: None EASA Ad's: None

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.

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.

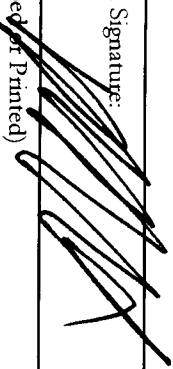
13b. Authorized Signature:

Not Applicable

13c. Approval/Authorization No.:

Not Applicable

14b. Authorized Signature:



14c. Approval/Certificate No.:

VTBR433V

13d. Name (Typed or Printed):

Not Applicable

13e. Date (dd/mm/yyyy):

Not Applicable

14d. Name (Typed or Printed)

Marshall Garber

14e. Date (dd/mm/yyyy):

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

TearDown/Inspection Form

Aviation Instruments Repair Specialists, Inc.

A.I.R.S./14316 Commerce Way

Miami Lakes, FL 33016

U.S.A.

Phone: (305) 887-5600 Fax: (305) 820-0931

C.R.S. No.: VTBR433V

Work Order: 173430

Date: October/4/2022

Sold To:

A J WALTER AVIATION

The Headquarters, Maydwell Ave. Slinfold

West Sussex RH13 0SH, UK

Ship To:

A J WALTER AVIATION LIMITED

THE HEADQUARTERS MAYDWELL AVENUE

SLINFOLD, WEST SUSSEX RH13 0SH

Part Number: 501FAD1-1

Serial: 1681

Manufacturer: GE AVIATION

Description: AIR DATA COMPUTER

Model: 501FAD1-1

Purchase Order: R398975

Service Performed: REPAIRED

Data used: Manual Number: 34-10-97 Revision: 17 Date: 12/31/2012

TearDown/Inspection Data

1. Removal: #1 FAIL

Inst.: REPAIR

2. Initial Inspection Findings

Appearance: Normal on Visual Inspection

Loose or Missing Parts: No Loose or Missing Parts

Mod. Level: 1,2

Corrosion: No Corrosion Noted

Physical Damage: No Damage Found

3. Teardown

Disassembly: Normal

Painting: Normal Painting

Cleaning: Normal Cleaning

Assembly: Normal Assembly

4. Test

Operation: Operation I/A/W Mfg. Specs

Was Complaint Verified: Yes

Mods. Completed: None

5. Final

Warranty Accepted: N/A

Final Test and Inspection: Final Inspection Normal

T.S.O.: TSO

A.T.A.: 34-10-97

A.D. S.B. NO A.D. / S.B. REQUIRED

6. Work Done

UNIT WAS INSPECTED, DISASSEMBLED, CLEANED, REPLACED DEFECTIVE CAPACITOR, ASSEMBLED. REPAIRED I/A/W MFG. SPECS. TESTED OPERATION AND FOUND READY TO RETURN TO SERVICE. NO APPLICABLE SB OR A/D'S ON FILE. ATA 34-10-97. WORK BY PABLO VARGAS. Unit Calibrated As Per FAR PART 91.411 At Maximum Altitude Was 50,000 FT.

Maintenance Release

This certifies the item identified above was serviced in accordance with current F.A.A. airworthiness regulations and in respect of the work performed is approved to service. Pertinent details of the work performed are on File at this Agency under Work Order: 173430

Inspector: Marshall Garber

Certificate No. 2506369

Technician: Pablo Vargas

Signature: _____

Date: October/04/2022

Form: CRS-3