

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: R381147	
4. Organization Name and Address: PRECISION AERO TECHNOLOGY 3333 EAST SPRING STREET SUITE 300 LONG BEACH , CA 90806 UNITED STATES		5. Work Order/Contract/Invoice Number: 8233634				
6. Item: 7. Description:		8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	HF XCVR	822-0990-004	1 EA	16TKPF	REPAIRED	
12. Remarks: Referencing manual No. 23-11-83 Revision: 35 Revision Date: JUL 27 2020 Full details of work carried out are in the work order number found in Block 5.						
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 145.4052".						
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 a 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.:	14b. Authorized Signature:		14c. Approval/Certificate No.:		
				DQ3R458L		
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):		
		GERARD BOLTRON		17/Jun/2021		
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 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.						



PRECISION AERO TECHNOLOGY

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WORK ORDER REPORT

Page : 1 of 1

Close : Abnormal/PH : Normal : Technician : RICO ABALLE Inspector : GERARD BOLTRON Aircraft Number : P4-XTL A/C Position : TSN : TSO : TSR :	Incoterms : Account No. [A14148] AJ WALTER AVIATION LTD Attn: CHRIS BURCHELL THE HEADQUARTERS MAYDWELL AVENUE SLINFOLD, WEST SUSSEX RH13 0AS UNITED KINGDOM Tel. : 44 1403 798470 Fax : -1-403-710936
For Customer : AJ WALTER AVIATION LTD S.O. No. : 8239067 Line No. : 1	W/O Kind : [NC] NON CONTRACT
Cust P.O. : R381147 Our Ref : BECKY Stock : Shop : DIVISION 1 Warr Claim : No Completed P/N : 822-0990-004	P/N : 822-0990-004 Desc : HF XCVR S/N : 16TKPF MFG : ROCKWELL COLLINS - CEDAR RAPIDS Qty : 1 S/N As : 16TKPF
Company : 1 Order Date : Feb-26-2021	Division : 08 Received Date : Feb-26-2021 Due Date : Mar-03-2021 Print Date : Jun-17-2021
Department : Note : Trace To : Tag Date : Manual : 23-11-83 Revision : 35 / Jul-27-2020 Into Bin Loc :	

WORK ORDER No. 8233634

Reported By Customer

TUNING FAILED SHOWS __ IN WINDOW.
IIDR: SMALL DENT TO REAR CASE

Preliminary Insp.

UNIT RECEIVED WITH MINOR DENT ON REAR OF CASE WITH OTHER WARRANTY STICKERS. TESTED UNIT AND VERIFIED DISCREPANCY. UNIT IS INOPERABLE AND FAILED TESTS. UNIT REQUIRES DISASSEMBLY, CLEANING AND INSPECTION. TROUBLESHOT AND FOUND COLD SOLDER JOINTS ON IC'S IN THE A1 DIGITAL INSTRUMENTATION CIRCUIT CARD. THE FAN IS ALSO DEFECTIVE. UNIT REQUIRES REWORK AND REPLACING DEFECTIVE FAN.

Corrective Action

DISASSEMBLED, CLEANED, AND INSPECTED UNIT. REWORKED COLD SOLDER JOINTS ON IC'S IN THE A1 DIGITAL INSTRUMENTATION CIRCUIT CARD. REPLACED ALSO STUCK VANE AXIAL FAN. PERFORMED DETAILED TEST PROCEDURE AND CALIBRATION. RAN & TESTED UNIT FOR SEVERAL HOURS AND PERFORMED ENVIRONMENTAL TEST. MONITORED FOR FAILURES AND UNIT PASSED. REPAIRED MINOR DENTS ON CASE COVER. REASSEMBLED AND FINAL TESTED UNIT IAW CMM 23-11-83.

A/D's and S/B's

MOD STATUS: 1-15, 17-19, 22

Authorized Signature

Name GERARD BOLTRON

Date : Jun-17-2021