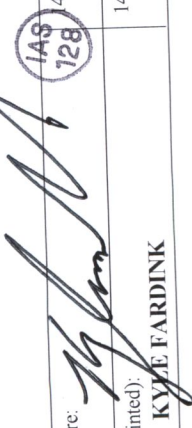


1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 069905	
4. Organization Name and Address: Inertial Aerospace Services, Inc. 375 Alpha Park Highland Heights, OH 44143		FAA Certificate : I9SR491N		5. Work Order/Contract/Invoice Number: 069905	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	FUEL QUANTITY INDICATOR	10037-0750	1 EA	8502	REPAIRED
12. Remarks: "See Attached Teardown" FINAL TEST AND INSPECTION PASSED UNIT WAS TESTED, INSPECTED AND REPAIRED IN REF. TO CMM: 28-41-74 REV. 6 DATED 04-21-22 AND SRI 11004PM REV. 4 DATED 04-27-22. Repair data is EASA approved by ED Decision 2004/04/CF, as amended by ED Decision 2007/001/C. When Block 14a "Other Regulation" is checked, 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.145.4566.					
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:		13c. Approval/Authorization No.:		14b. Authorized Signature:	
					
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.:	
KYLE FARDINK				I9SR491N	
				14e. Date (dd/mm/yyyy):	
				27/Nov/2023	
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.					



WORK ORDER DISPOSITION REPORT

Page : 1 of 3

Aircraft Number : LV-KCD	F.O.B... : Account No. [AJWAL] A J WALTER AVIATION LTD. THE HEADQUARTERS MAYDWELL AVE. SLINFOLD, WEST SUSSEX RH13 0AS UNITED KINGDOM Tel. : 4401403711777 Fax : 441403710936
Station :	
Removed Date : 10 SEP 2023	
Installed Date :	
Cycles :	
TSI :	
TSO :	
TSR :	
Position :	
Alert Level :	
For Customer : A J WALTER AVIATION LTD.	
S.O. No. : 049410	Line No. : 1

Cust P.O. : R419101	P/N : 10037-0750	A :
Our Ref : 069905	Desc : FUEL QUANTITY INDICATOR	B :
Your Ref : R419101	S/N : 8502	Fab Inspec :
Work Req : REPAIRED	MFG : Goodrich	Manual :
Export : NLR-Foreign	Qty : 1.0000	Cond As: SV
Completed P/N : 10037-0750	S/N As : 8502	Revision :
		Into Bin Loc : [w/h]: 86
Company : 1	Division :	Department :
Order Date : Nov-27-2023	Received Date : Oct-24-2023	Due Date : Nov-06-2023
		Print Date : Nov-27-2023

WORK ORDER No. 069905

Reported By Customer
INOP.

Preliminary Insp.
S/N MATCHES - LABEL SHOWING REV. H.
CHIPPED PAINT.
CORROSION AROUND UNIT.

Hidden/Teardown
FAILED DISPLAY SWITCH TEST - U1 REQUIRES REPLACEMENT.
FOUND END PLATE ASSEMBLY FLEX CABLE COMPRESSED TO PLANAR - REQUIRES REPAIR.

Continued on next page..



WORK ORDER DISPOSITION REPORT

Page : 2 of 3

WORK ORDER No. 069905

Corrective Action

REPLACED END PLATE SCREW FOR RESEAL.

REPAIRED END PLATE ASSEMBLY WITH NEW PLANAR, CONNECTOR AND FLEX.
END PLATE TEST PASSED.

REPLACED U1.

RAN HOT / COLD TEST // RAN LEAK / PRESSURE TEST // RAN FUNCTIONAL TEST.
PAINTED CASE.
FINAL ATP COMPLETED - UNIT PASSED.

Final Test & Inspect

FINAL TEST AND INSPECTION PASSED.
UNIT WAS TESTED, INSPECTED AND REPAIRED IN REF. TO CMM: 28-41-74 REV. 6 DATED 04-21-22 AND
SRI 11004PM REV. 4 DATED 04-27-22.

Misc. Notes

NONE.

Item	Part Number / Description	Part Status	Qty	Cond	Discrepancy / Disposition
PARTS & MATERIALS					
1	058339-10	32 - Installed Component	1.0000 EA	NE	Disc. : _____ Disp. : _____
2	FQI DATA PLATE 90011-0000-0107	32 - Installed Component	1.0000 EA	NE	Disc. : _____ Disp. : _____
3	FQI WARNING PLATE 90403-004071	32 - Installed Component	1.0000 EA	NE	Disc. : _____ Disp. : _____
	TEARBAND				Disp. : _____

Continued on next page...



Inertial Aerospace Services, Inc.
375 Alpha Park, Highland Heights, OH 44143
a HEICO Company

PHONE: (440)-995-6555
FAX: (440)-995-6559
FAA: CRS I9SR491N
EASA: 145.4566

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WORK ORDER DISPOSITION REPORT

WORK ORDER No. 069905

4	10905	32 - Installed Component	1.0000 EA NE	Disc. : _____
	FLEX CIRCUIT			Disp. : _____
5	10995	32 - Installed Component	1.0000 EA NE	Disc. : _____
	DXIH-16T-249-477 CONNECTOR			Disp. : _____
6	9K4G-1624-00003	32 - Installed Component	1.0000 EA NE	Disc. : _____
	MFG P/N 11356G PLANAR CAPACITOR			Disp. : _____
	NSN: PLANAR 16-24 CAPACITOR			Disc. : _____
7	SHOP SUPPLIES (2)	32 - Installed Component	1.0000 EA NE	Disp. : _____
	MS51957-2 SCREW			Disc. : _____
8	HCPL2300	32 - Installed Component	1.0000 EA NE	Disp. : _____
	MICROCIRCUIT			

Page 3

8502 atp

GOODRICH CORPORATION
FUEL AND UTILITY SYSTEMS
VERGENNES, VERMONT 05491

Acceptance Test Procedure
for the
737-700 Refuel Panel Indicator

UUT Information:

UUT Part Number:	10037-0750
UUT Serial Number:	8502

Test Equipment Information:

Test System:	SP-1251 S/N:1000603390
Test System Software:	S/W: 2303002-03-01 Rev: C

Test Conditions:

Test Procedure:	CMM 28-41-74
-----------------	--------------

Time & Date Of Test: 07:08 Nov 22, 2023
Operator: DN

Page 1

8502 atp

Output Mode - ALL DATA
Hardcopy - disabled
Datalogging - ENABLED -> Filename: 8502 ATP
Single Step - disabled
Stop On Fail - disabled
Beep On Fail - disabled

□

DISPLAY TEST SWITCH

ALL Segments alternate between Activated/De-Activated.
PASS

DISPLAY SEGMENT TEST

Verify Upper Fuel Qty display equals 0.
PASS
Verify Upper Fuel Qty display equals 11110.
PASS
Verify Upper Fuel Qty display equals 22220.
PASS
Verify Upper Fuel Qty display equals 33330.
PASS
Verify Upper Fuel Qty display equals 44440.
PASS
Verify Upper Fuel Qty display equals 55550.
PASS
Verify Upper Fuel Qty display equals 66660.
PASS
Verify Upper Fuel Qty display equals 77770.
PASS
Verify Upper Fuel Qty display equals 88880.
PASS
Verify Upper Fuel Qty display equals 99990.
PASS
Verify Upper Fuel Qty display equals 9990.
PASS
Verify Upper Fuel Qty display equals 990.
PASS
Verify Upper Fuel Qty display equals 90.
PASS
Verify Upper Fuel Qty display equals 0.
PASS

LB/KG DISPLAY TEST

Verify Qty equals 88880 and KG lite.
PASS

PASS

PROGRAM PINS TEST
Left ID ..Verify 55550 on Upper and 1 on Lower Ctr display.

Page 2

8502 atp

PASS
Right ID ..Verify 66660 on Upper and 2 on Lower Ctr display.
PASS
Center ID..Verify 77770 on Upper and C on Lower Ctr display.
PASS
Aux ID ..Verify 88880 on Upper and A on Lower Ctr display.
PASS
Fail ..Verify Id on Upper and FAIL on Lower Ctr display.
PASS

VALVE POWER JUMPER TEST
Jumper Inplace between J1 pin 10 and 11.
PASS

Test Summary:

Test completed 07:08 Nov 22, 2023

UUT PASSED

Operator

Product Assurance

☐