

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 069609	
4. Organization Name and Address: Inertial Aerospace Services, Inc. 375 Alpha Park Highland Heights , OH 44143		5. Work Order/Contract/Invoice Number: 069609		6. Item:	
7. Description:		8. Part Number:		9. Quantity:	
1		10037-0770		1	
FUEL QUANTITY INDICATOR				EA	
11. Status/Work:		10. Serial Number:		11. Status/Work:	
1		0210B		REPAIRED	
12. Remarks: "See Attached Teardown" FINAL TEST AND INSPECTION PASSED. REPAIRED, INSPECTED AND TESTED IN REF. TO CMM: 28-41-77 REV. 6 DATED 07-01-15. SRI REPAIR PROCESS 11206PM REV. 01 DATED 06-12-19. SRI REPAIR PROCESS 11253RM REV. 06 DATED 02-07-20. SRI REPAIR PROCESS 11004PM REV. 04 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.					
13b. Authorized Signature:		13c. Approval/Authorization No.:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14b. Authorized Signature:	
				14c. Approval/Certificate No.: I9SR491N	
				14d. Name (Typed or Printed): KYLE FARDINK	
				14e. Date (dd/mm/yyyy): 06/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.					



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

WORK ORDER DISPOSITION REPORT

Page : 1 of 4

Aircraft Number : 4X-EKI	F.O.B... : Account No. [AJWAL]
Station :	A J WALTER AVIATION LTD.
Removed Date :	THE HEADQUARTERS
Installed Date :	MAYDWELL AVE.
Cycles :	SLINFOLD, WEST SUSSEX
TSI :	RH13 OAS
TSO :	UNITED KINGDOM
TSR :	Tel : 4401403711777
Position :	Fax : 441403710936
Alert Level :	
For Customer : A J WALTER AVIATION LTD.	
S.O. No. : 049231	Line No. : 1

Cust P.O. : R417287	P/N : 10037-0770	A :
Our Ref : 069609	Desc : FUEL QUANTITY INDICATOR	B :
Your Ref : R417287	S/N : 0210B	Fab Inspec :
Work Req : REPAIRED	MFG : Goodrich	Manual :
Export : NLR-Foreign	Qty : 1.0000	Cond As: SV
Completed P/N : 10037-0770	S/N As : 0210B	Revision :
		Into Bin Loc : [w/h]: 86
Company : 1	Division :	Department :
Order Date : Nov-06-2023	Received Date : Sep-27-2023	Due Date : Oct-10-2023
		Print Date : Nov-06-2023

WORK ORDER No. 069609

Reported By Customer
INDICATOR IS UNREADABLE.

Preliminary Insp.
S/N MATCHES.
CHIPPED PAINT ON HOUSING.

THE SHIPPING CONTAINER THAT YOUR UNIT WAS SHIPPED TO IAS IN WAS IN POOR CONDITION AND/OR IS NOT AN ATA 300 APPROVED SHIPPING CONTAINER, IN ORDER FOR IAS TO ASSURE THE SAFE RETURN OF YOUR ITEM AND VALIDATE THE WARRANTY, A NEW ATA 300 APPROVED SHIPPING CONTAINER IS REQUIRED.

Hidden/Teardown
FOUND LED DISPLAY ASSEMBLY HAS AN ERRATIC DISPLAY - REQUIRES REPAIR.
CONNECTOR BROKEN OFF OF LED HYBRID - REQUIRES REPLACEMENT TO REPAIR DISPLAY ASSEMBLY.

Continued on next page...



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WORK ORDER No. 069609

FOUND END PLATE ASSEMBLY HAS COLD SOLDER - REQUIRES REPAIR.

Corrective Action

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

END PLATE TEST PASSED.

REPAIRED LED DISPLAY ASSEMBLY WITH NEW LED DISPLAY (11207).

INTERCHANGED LED HYBRID (11013) WITH LED DISPLAY (11207) PER SRI 11253RM.

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.

REPAIRED, INSPECTED AND TESTED IN REF. TO CMM: 28-41-77 REV. 6 DATED 07-01-15

SRI REPAIR PROCESS 11206PM REV. 01 DATED 06-12-19.

SRI REPAIR PROCESS 11253RM REV. 06 DATED 02-07-20.

SRI REPAIR PROCESS 11004PM REV. 04 DATED 04-27-22.

Misc. Notes

N/A.

Item	Part Number / Description	Part Status	Qty	Cond	Discrepancy / Disposition
PARTS & MATERIALS					
01	6X6X10	32 - Installed Component	1.0000	EA NE	Disc. : _____
	ATA-300 SHIPPING CONTAINER (MSU)				Disp. : _____
	NSN: 8115-00-192-1603				
02	058339-10	32 - Installed Component	1.0000	EA NE	Disc. : _____
	FQI DATA PLATE				Disp. : _____

Continued on next page...



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WORK ORDER DISPOSITION REPORT

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WORK ORDER No. 069609

03	90011-0000-0107	32 - Installed Component	1.0000 EA NE	Disc. : _____
	FQI WARNING PLATE			Disp. : _____
04	90403-004071	32 - Installed Component	1.0000 EA NE	Disc. : _____
	TEARBAND			Disp. : _____
05	11172	32 - Installed Component	1.0000 EA NE	Disc. : _____
	REAR BEZEL			Disp. : _____
06	11197	32 - Installed Component	1.0000 EA NE	Disc. : _____
	FRONT BEZEL			Disp. : _____
07	11240B	32 - Installed Component	1.0000 EA NE	Disc. : _____
	BRACKET			Disp. : _____
08	11242	32 - Installed Component	1.0000 EA NE	Disc. : _____
	GASKET			Disp. : _____
09	11207	32 - Installed Component	1.0000 EA NE	Disc. : _____
	LED DISPLAY (MII P/N 67154-101)			Disp. : _____
	Serial No. : A00828			
10	10905	32 - Installed Component	1.0000 EA NE	Disc. : _____
	FLEX CIRCUIT			Disp. : _____
11	10995	32 - Installed Component	1.0000 EA NE	Disc. : _____
	DXIH-16T-249-477 CONNECTOR			Disp. : _____
12	9K4G-1624-00003	32 - Installed Component	1.0000 EA NE	Disc. : _____
	MFG P/N 11356G PLANAR CAPACITOR			Disp. : _____
	NSN: PLANAR 16-24 CAPACITOR			
13	SHOP SUPPLIES (2)	32 - Installed Component	1.0000 EA NE	Disc. : _____
	SCREW - P/N: MS51957-2			Disp. : _____

Continued on next page...



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WORK ORDER DISPOSITION REPORT

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WORK ORDER No. 069609

14 11013

LED HYBRID
PART REMOVED - BER
Serial No. : 1131

33 - Removed
Component

1.0000 EA BER

Disc. : _____

Disp. : _____

0210b

GOODRICH CORPORATION
FUEL AND UTILITY SYSTEMS
VERGENNES, VERMONT 05491

Acceptance Test Procedure
for the
737-700 Preselect Indicator

UT Information:

UT Part Number: 10037-0770
UT Serial Number: 0210B

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 28-41-77
Application Note: FINAL ATP

0210b

Output Mode - ALL DATA
Hardcopy - disabled
Datalogging - ENABLED -> Filename: 0210B
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
Verify Qty equals 88880 and LB lite.

PROGRAM PINS TEST

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

Page 2

0210b

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

Value Opens and Preselect Qty Inc/Dec.

PASS

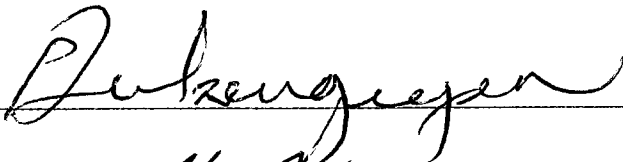
Valve operates from Closed to Open.

PASS

Test Summary:

Test completed 20:42 Nov 2, 2023

UUT PASSED

Operator 

Product Assurance 

☐



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EASA.145.4566

PACKING SLIP

Print Date : Nov-06-2023 1:27 PM

Printed By : Staci Barrios-Mitchell Print No. : 2

No. 052141

Pg:1/2

Ship To : [6]

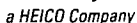
A. J. WALTER AVIATION LTD.
THE HEADQUARTERS
MAYDWELL AVE
WEST SUSSEX
SLINFOLD RH13 0AS
UNITED KINGDOM
Tel. : 44 1403711777

For : Account No. [AJWAL]

A J WALTER AVIATION LTD.
THE HEADQUARTERS
MAYDWELL AVE.
SLINFOLD, WEST SUSSEX
RH13 0AS
UNITED KINGDOM
Tel. : 4401403711777
Fax : 441403710936

W/O No. : 069609	Our Code : 069609	Domestic AWB :
Cust P.O. : R417287	Your Ref : R417287	Int'l AWB :
Picked On : Nov-06-2023	Work Req : REPAIRED	Origin :
Shipped On :	Export : NLR-Foreign	Transport :
Ship Via : FEDEX PRIORITY INTERNATI	Lic No. :	Nationality :
F.O.B... : ORIGIN	Expires :	Trip/Flight :
Terms : NET 30		
Ship Via Acct. : FEDEX PRIORITY INTERNATIONAL Account No. 124277507		
Our Contact : Warren Crisp		

Line	P/N & Description	Cnd	Ordered	Qty Shipped	Back Order	Packaging
1	10037-0770 FUEL QUANTITY INDICATOR UID: 264206  Serial No(s): 0210B MFG: (BFGSI) Goodrich These items are controlled by the U.S. government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations. ECCN: 9A991.d Schedule B Code: 9801100000 License Exception: NLR Inertial Aerospace Service's standard warranty policy will apply to this repair/overhaul transaction except as expressly provided in an agreement between the customer and IAS. Units covered under Inertial Aerospace	SV	1.0000	1.0000 EA	0.0000	



EASA.145.4566

Ser #:[2000.21299] Ver 2021.02.01 Build 17