


1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 0531878	
4. Organization Name and Address: Aero-Mach Labs Inc. 7707 E Funston St Wichita, Kansas 67207 Certificate Number NU2R044L		5. Work Order/Contract/Invoice Number: 0531878			
6. Item: 1	7. Description: FUEL FLOW TRANSMITTER	8. Part Number: 86-104-3 101-389042-5	9. Quantity: 1	10. Serial Number 9650-009B	11. Status/Work: REPAIRED
12. Remarks The work specified has been accomplished in accordance with 977-0658 REV ORG. Aero-Mach Labs, Inc. certifies that the work specified in Blocks 11 and 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.145.4048. Full details held on work order 0531878.					
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.					
13b. Authorized Signature:		13c. Approval/Authorization No.:		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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.	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14b. Authorized Signature: 	
14c. Approval/Certificate No.:		14d. Name (Typed or Printed):		14e. Approval/Certificate No.:	
		LARRY MASSINGILL		NU2R044L	
				14c. Date (dd/mm/yyyy):	
				20/May/2024	
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.					

MEGGITT

TEST DATA SHEET
FOR
86-104-3

TEMPERATURE 70° F

S/N 9650-009B

				PASS	FAIL
5.1	Examination of Product			<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.2	Carrier Frequency	MIN. 90k Hz	MEAS. <u>91</u>	MAX. 110k Hz	<input checked="" type="checkbox"/> <input type="checkbox"/>
5.3	Scale Error			<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

		TRANSMITTER PPH						
FLOW STAND	ROTOR FREQUENCY	MIN.	MEAS.	MAX.	PASS	FAIL		
100	<u>.238</u>	92	<u>99</u>	108	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
200	<u>.478</u>	192	<u>199</u>	208	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
300	<u>.718</u>	292	<u>299</u>	308	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
400	<u>.958</u>	392	<u>399</u>	408	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
500	<u>1.198</u>	492	<u>499</u>	508	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
600	<u>1.438</u>	592	<u>600</u>	608	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
700	<u>1.682</u>	692	<u>701</u>	708	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
800	<u>1.925</u>	792	<u>802</u>	808	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

T SIGNAL	<u>4.92</u>					
K SIGNAL	<u>6.05</u>	MIN.	MEAS.	MAX.		
Cont. Voltage		6.2	<u>6.78</u>	7.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Leak Test - 1500 PSI/5 Min.					<input checked="" type="checkbox"/>	<input type="checkbox"/>

TITLE: ACCEPTANCE TEST PROCEDURE FOR BEECHCRAFT R.F. FUEL FLOW TRANSMITTER MEGGITT P/N 86-104-3	CAGE CODE: 95411	REVISION: B	DOCUMENT NUMBER: 86-104-3-1001
Refer to cover page for applicable Meggitt (Orange County), Inc. proprietary, confidentiality and export compliance statements			PAGE NO. 4 OF 5



AERO-MACH
LABS, INC. Aircraft Instruments Sales & Service

7707 E FUNNSTON
WICHITA, KANSAS 67207
316-682-7707
800-221-4678

FAX NO. 316-682-3418
www.aeromach.com

WORK ORDER
FAA, NO N12R044L
EASA CERTIFIED
AS9100/AS9101/ISO 9001 CERTIFIED

Bill To: PIU001
PLUS PARTS
11 BEE TREE CIR
ROCKPORT, TX 78382

Ship To: PIU001
PLUS PARTS
11 BEE TREE CIR
ROCKPORT, TX 78382

Job Order No.: 0531878
Order Date: 86-104-3
Item Number: 101-389042-5
Customer P/N: FUEL FLOW TRANSMITTER
Description: PARKER MEGGITT
Mfr. Name: PARKER MEGGITT
Mfr. Date: 9650-0098
Serial Number: 415
Purchase Ord#: 415
Packing Slip:



Previous W/O: 0500936

Discrepancy/Complaint/Instructions:
EVAL AND ADVISE, UNIT NEEDS TESTING

Inspection/Hidden Damage/In-Process Inspection:
UNIT IS INTERMITTENTLY INOPERATIVE, ALL CONNECTOR PINS SHORTED TO HOUSING ASSY, ALL COMPONENTS REQUIRE REPLACEMENT DUE TO CORROSION, ROTOR RUNS ROUGH AND NOISY, BEARINGS NEED TO BE REPLACED WHEN OVERHAULD.

By: RIGOBERTO ACOSTA

Work Performed:
DISASSEMBLED, CLEANED, INSPECTED AND REPAIRED PARTS AS NECESSARY. REASSEMBLED AND FUNCTIONALLY TESTED IN ACCORDANCE WITH LISTED SPECIFICATIONS. REPAIR COMPLETE.

977-0658 REV ORG

Final Inspection:
DOUGLAS ROBISON

By: DR



Technician: RIGOBERTO ACOSTA
Certified Repairman: 3382814
Certificate Number: 5-20-24
Date Completed:

Warranty Information -
Requested: None: X AML: - Mfgr: -
Responsible: Cust: X AML: - Mfgr: -

Aircraft No:
Repair Type: REPAIRED

Qty	Part Number/Description
1	86-104-1170: PC BOARD ASSY
1	86-104-1273: POT CORE SPACER
1	ELT309: POT CORE ASSEMBLY
1	MS3443H106P: CONNECTOR
2	SSRIZHA7P13L01: BEARING