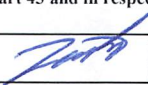


1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 0541292	
4. Organization Name and Address		Aero-Mach Labs, Inc. 7707 E Funston St Wichita, Kansas 67207 Certificate Number NU2R044L			5. Work Order, Contract or Invoice Number: 0541292	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work	
1	FUEL FLOW IND	267-917-003 90-380009-5	1	1180	OVERHAULED	
12. REMARKS						
The work specified has been accomplished in accordance with 977-0682 REV OR. 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 0541292.						
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 Number		14b. Authorized Signature		14c. Approval/Certificate No.:
						NU2R044L
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy)		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy)
				LARRY MASSINGILL		25/Aug/2025
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 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.						

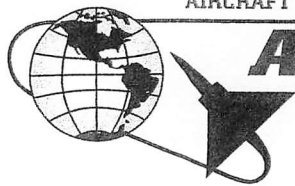
FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 0541292	
4. Organization Name and Address		Aero-Mach Labs, Inc. 7707 E Funston St Wichita, Kansas 67207 Certificate Number NU2R044L			5. Work Order, Contract or Invoice Number: 0541292	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work	
1	FUEL FLOW IND	267-917-003 90-380009-5	1	1180	OVERHAULED	
12. REMARKS						
The work specified has been accomplished in accordance with 977-0682 REV OR. Aero-Mach Labs, Inc. certifies that the work specified in Blocks 11 and 12 was carried out in accordance with (UK)Part-145 and in respect to that work, the component is considered ready for release to service under (UK)Part-145 Approval Number UK.145.50364, Full details held on work order 0541292.						
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 Number		14b. Authorized Signature		14c. Approval/Certificate No.:
						NU2R044L
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy)		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy)
				LARRY MASSINGILL		25/Aug/2025
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 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.						

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

**AERO-MACH
LABS, INC.**

Aero-Mach Labs, Inc.

Indicator Fuel FlowPart Number 90-380009-5Work Order 541292Serial Number 1180Technician Kathy RiedlDate 8/25/25

Spec Number Raytheon 90-380009

Dial Reading	Actual Reading	Minimum Voltage	Nominal Voltage	Maximum Voltage
50	<u>1.10</u>	0.85	1.03	1.21
100	<u>1.92</u>	1.69	1.87	2.05
200	<u>3.56</u>	3.35	3.53	3.71
300	<u>5.20</u>	5.02	5.20	5.38
400	<u>6.87</u>	6.69	6.87	7.05
500	<u>8.56</u>	8.36	8.54	8.72

Aero-Mach Labs

APPROVED DATA

Lab/Prod: C. Lang

Q.A.: _____

Date: 4-17-08



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

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

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

WORK ORDER

F.A.A. NO NU2R044L
EASA CERTIFIED
AS9100/AS9110/ISO 9001 CERTIFIED

Job Order No: 0541292
Order Date: 07/22/25
Item Number: 267-917-003
Customer P/N: 90-380009-5
Description: FUEL FLOW IND
Mfr. Name: GULL AIRBORNE DIV OF PARKER HANNIFIN
Mfr. Date:
Serial Number: 1180
Purchase Ord#: RO1125
Packing Slip:



Customer: AVE008
AV-ENG AERO LTD
101-1880 GOVERNMENT ST
PENTICTON, BC V2A 7J1

Customer: AVE008
AV-ENG AERO LTD
101-1880 GOVERNMENT ST
PENTICTON, BC V2A 7J1

Previous W/O:		Qty	Part Number / Description
Discrepancy/Complaint/Instructions - EVAL AND ADVISE. PLEASE PERFORM FUNCTIONALITY TEST.		1	DIAL2: RESCREEN DIAL
		1	DATA LABEL
Inspection/Hidden Damage/In-Process Inspection - UNIT OUT OF BALANCE AND OUT OF CALIBRATION. DIAL IS DISCOLORED NEEDS RESCREENED.			
By: KATHY RIEDL			
Work Performed - DISASSEMBLED, CLEANED, INSPECTED AND REPAIRED AS NECESSARY. REASSEMBLED AND FUNCTIONALLY TESTED IN ACCORDANCE WITH LISTED SPECIFICATIONS. OVERHAUL COMPLETE.			
977-0682 REV OR			
Final Inspection - Douglas Robison By: <u>DR</u> 	Technician: KATHY RIEDL Certified Repairman:  Certificate Number: 3387814 Date Completed: 8-25-25	Warranty Information - Requested... None: X AML: _ Mfgr: _ Responsible: None: X AML: _ Mfgr: _	Aircraft No: Repair Type: OVERHAULED

