



1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 0541298	
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: 0541298	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11: Status/Work	
1	TACHOMETER	8DJ81 50-380034-3	1	V0039	OVERHAULED	
12. REMARKS						
<p>The work specified has been accomplished in accordance with 977-0664 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 0541298.</p>						
13a. Certifies the items identified above were manufactured in conformity to:			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12			
<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.			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 N		14b. Authorized Signature 		14c. Approval/Certificate No.: NU2R044L
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy)		14d. Name (Typed or Printed): LARRY MASSINGILL		14e. Date (dd/mm/yyyy) 01/Aug/2025
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>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.</p> <p>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.</p>						

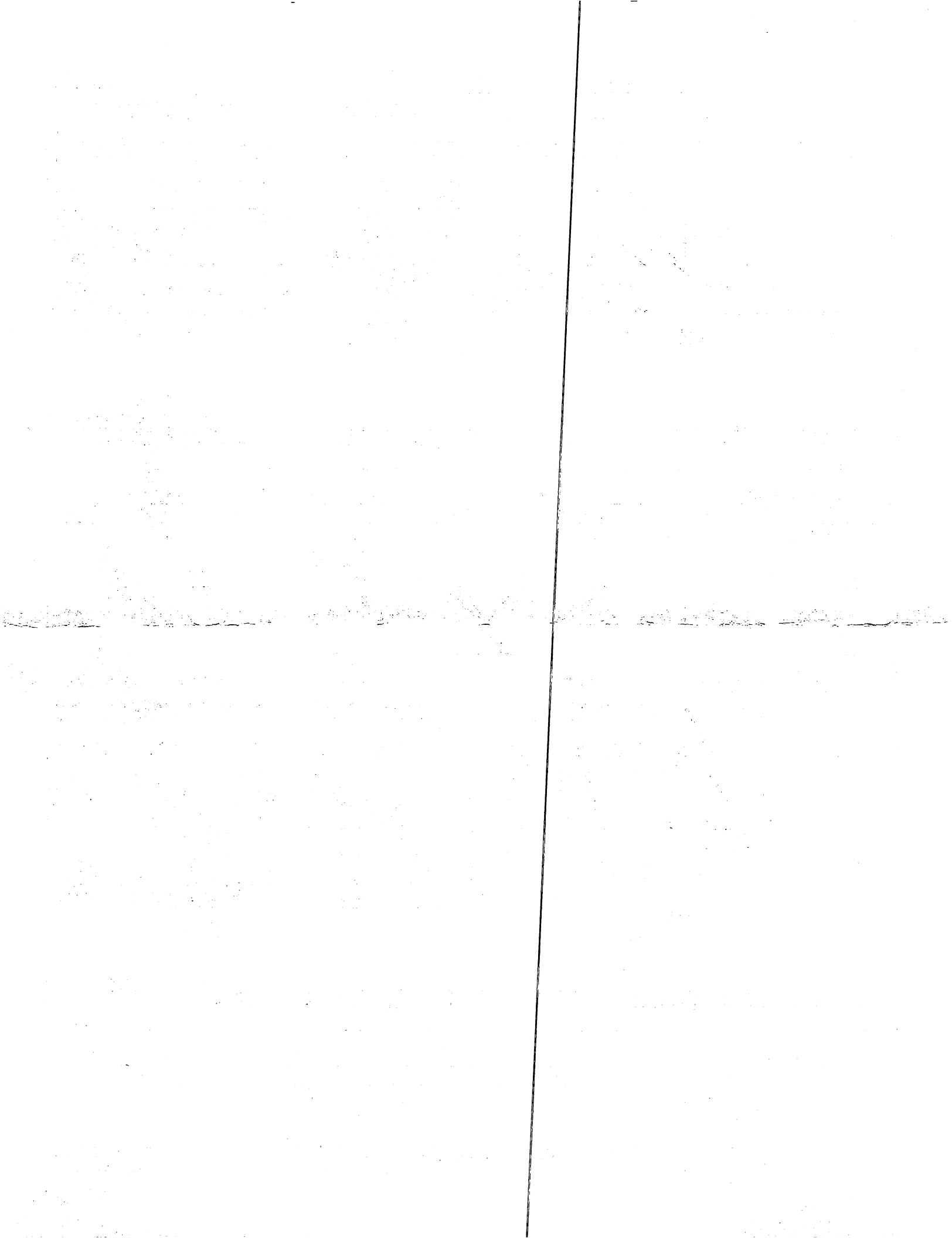
FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

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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: 0541298	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11: Status/Work	
1	TACHOMETER	8DJ81 50-380034-3	1	V0039	OVERHAULED	
12. REMARKS						
<p>The work specified has been accomplished in accordance with 977-0664 REV ORG. 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 0541298.</p>						
13a. Certifies the items identified above were manufactured in conformity to:			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12			
<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.			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 N		14b. Authorized Signature 		14c. Approval/Certificate No.: NU2R044L
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy)		14d. Name (Typed or Printed): LARRY MASSINGILL		14e. Date (dd/mm/yyyy) 01/Aug/2025
User/Installer Responsibilities						
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FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005





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

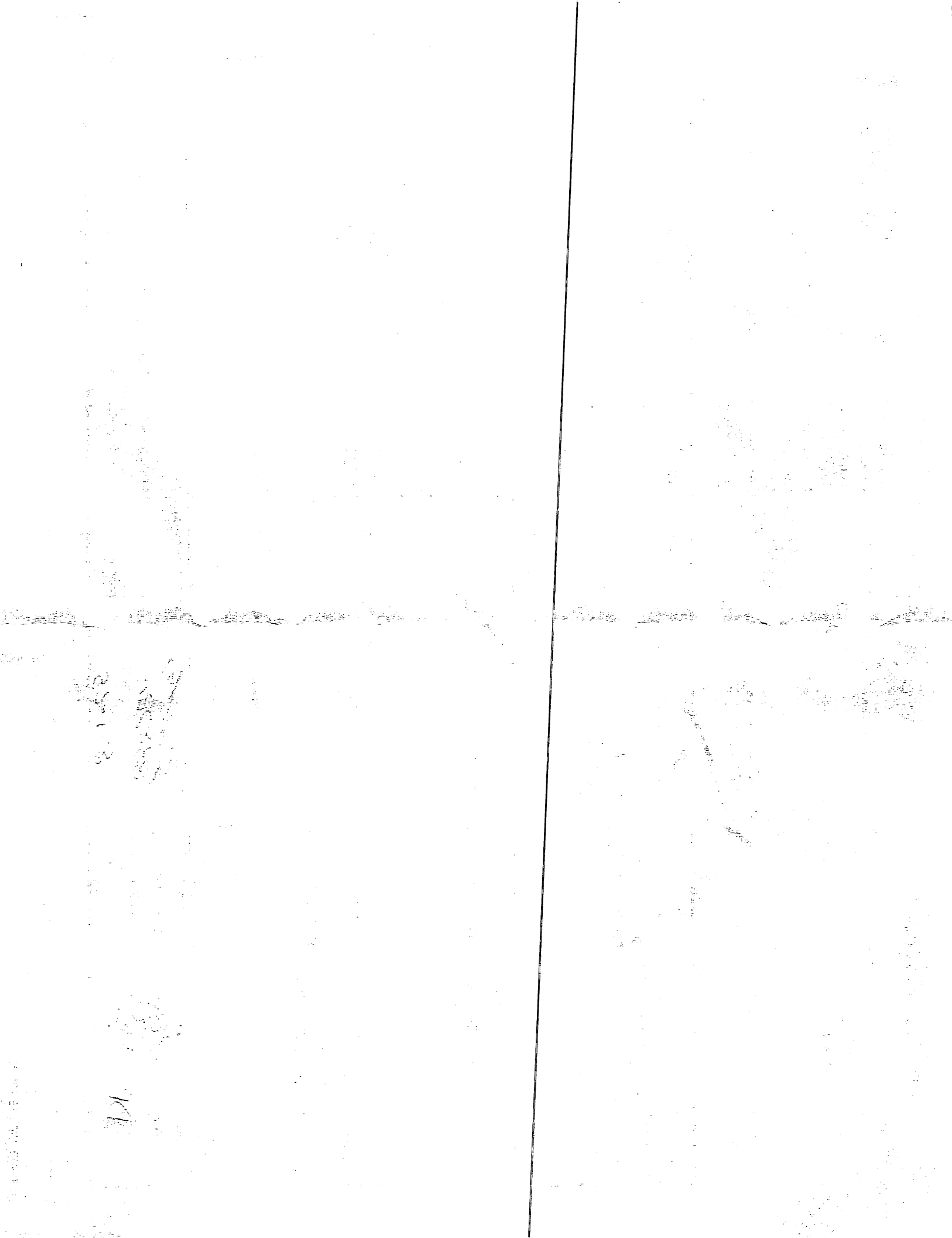
Job Order No: 0541298
Order Date: 07/22/25
Item Number: 8DJ81
Customer P/N: 50-380034-3
Description: TACHOMETER
Mfr. Name: GENERAL ELECTRIC
Mfr. Date:
Serial Number: V0039
Purchase Ord#: RO1121
Packing Slip:

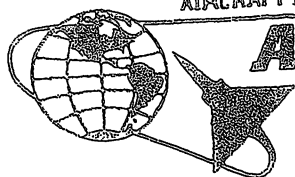


Customer: AVE008
AV-ENG AERO LTD
101-1880 GOVERNMENT ST
PENTICTON, BC V2A 7J1

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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.		2	BEARING16: BEARING
Inspection/Hidden Damage/In-Process Inspection - UNIT RUNS WITHIN SPECS. RECOMMEND REPLACING BEARINGS. By: ANDY STONE			
Work Performed - DISASSEMBLED, CLEANED, INSPECTED AND REPAIRED AS NECESSARY. REASSEMBLED AND FUNCTIONALLY TESTED IN ACCORDANCE WITH LISTED SPECIFICATIONS. OVERHAUL COMPLETE.			
977-0664 REV ORG			
Final Inspection - Douglas Robison. By: <u>DR</u> 	Technician: DEVIN MILLER Certified Repairman: <u>2 m</u> Certificate Number: <u>3387814</u> Date Completed: <u>8-1-25</u>	Warranty Information - Requested... None: <input checked="" type="checkbox"/> AML: <input type="checkbox"/> Mfgr: <input type="checkbox"/> Responsible: None: <input checked="" type="checkbox"/> AML: <input type="checkbox"/> Mfgr: <input type="checkbox"/>	Aircraft No: Repair Type: OVERHAULED





AERO-MACH LABS, INC.

7707 E. FUNSTON
WICHITA, KANSAS 67207
F.A.A. NO. NU2R044L
AS 9100 / ISO 9001 CERTIFIED

PHONE 316-682-7707
FAX NO. 316-682-3418
PURCH. FAX 316-685-4456
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WORK ORDER 541298
DATE 7-31-25
TECHNICIAN DM

PART NUMBER 50-380034-3
SERIAL NUMBER V0039

GENERATOR DRIVE SHAFT SPEED RPM (CPM)	CORRECT INDICATED SPEED PERCENT RPM	SCALE ERROR TOLERANCE +/- PERCENT RPM	ACTUAL PERCENT RPM
0	0	1.0	<u>0</u>
420	10	1.0	<u>9</u>
840	20	1.0	<u>19</u>
1260	30	1.0	<u>29</u>
1680	40	0.8	<u>40</u>
2100	50	0.8	<u>49.7</u>
2520	60	0.8	<u>59.7</u>
2940	70	0.8	<u>70</u>
3360	80	0.5	<u>80</u>
3780	90	0.5	<u>90</u>
4200	100	0.5	<u>100</u>
4620	110	0.5	<u>110</u>

FRICITION ERROR 8.1 ✓

POSITION ERROR 8.2 ✓

TIME TEST 8.3 ✓

NOTE: THESE STEPS MUST BE COMPLETED
IAW C/O # F78557 (8.2) AND
G23540 (8.3)

WEIGHT ≥ 0.8 LBS ✓

BEECH AIRCRAFT CORPORATION
50-380034
REV. D 4/18/80

Aero-Mach Labs
APPROVED DATA
Lab/Prod: A. Long
Q.A.: OC
Date: 3-17-15

