



AIRCRAFT INSTRUMENTS SALES AND SERVICE

**AERO-MACH
LABS, INC.**



7707 E. FUNSTON WICHITA, KS 67207

REPAIR STATION #NU2R044L

316-682-7707 800-221-4678

OVH ☒ REP ☐ FT ☐

Date 8-7-25 W/O # 535657

AS 9100 / ISO 9001 Certified

STATIC INVERTER **FAA TSO-C73**

MODEL SPC-10(J) **S/N** **105**

DO-160C ENV. CAT.

D2BRXXXXXXXXBBBA

INPUT **+28VDC** **@** **10.7 A**

J1 **PIN DESCRIPTION**

OUTPUT #1 **115VAC** **@** **2.17 A**

A = +28VDC INPUT

OUTPUT #2 **26VAC** **@** **5.77 A**

B = 115 VAC OUTPUT

TOTAL CONT. OUTPUT PWR **250 VA**

C = AC COMMON RTN

FREQ **400Hz** **WAVE** **SINE**

D = DC GND RETURN

PF **-.95 to .8** **PHASE** **1**

E = PHASE LOCK

ALT **55,000 FT** **WT** **5.1 LBS**

F = REMOTE ON/OFF

MOD 1 ☒ 2 ☒ 3 ☐ 4 ☐ 5 ☐

G = 26 VAC OUTPUT

FSCM #16017 **DATE CODE** **9348**

J2 = FAULT MONITOR

KGS ELECTRONICS, ARCADIA, CA 91006 (USA)

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 0535657	
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: 0535657			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work
1	STATIC INVERTER	SPC-10(J)	1	105	OVERHAULED
12. REMARKS The work specified has been accomplished in accordance with 24-20-00 REV 1. 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 0535657.					
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.			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.		
13b. Authorized Signature		13c. Approval Authorization Number		14b. Authorized Signature	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy)		14c. Approval/Certificate No.: NU2R044L	
				14d. Date (dd/mm/yyyy) 07/Aug/2025	
14d. Name (Typed or Printed): MICHAEL THOMPSON					
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: 0535657	
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: 0535657			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work
1	STATIC INVERTER	SPC-10(J)	1	105	OVERHAULED
12. REMARKS The work specified has been accomplished in accordance with 24-20-00 REV 1. 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 0535657.					
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.			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.		
13b. Authorized Signature		13c. Approval Authorization Number		14b. Authorized Signature	
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