

***Electromech Technologies***

WICHITA, KANSAS

CAGE - 54395

INVERTER P/N EM2044-1

SHORT CIRCUIT PROTECTED

INPUT 28VDC, 2.5A MAX

OUTPUT 40-60VAC, 400HZ

S/N **5434A** 50 VA

1. Approving Civil Aviation Authority/Country: <b>FAA/United States</b>	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. From Tracking Number <b>170626</b>
4. Organization Name and Address:		Electromech Technologies, LLC 2600 S. Custer Wichita, KS 67217 (PX2R099L)			5. Work Order/Contract/Invoice Number <b>P00795</b>
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	<b>VARIABLE OUTPUT INVERTER</b>	<b>EM2044-1</b>	1	5434A	<b>OVERHAULED</b>
12. Remarks: REPLACE TRANSFOMER ASSY, IC, TRANSISTORS, CASE AND RETEST. FUNCTION TESTED PER ATP 2044, REV C, 11/30/05.  <u>OVERHAUL</u> LIMITED TO APPROVED MAINTENANCE DATA TITLED EM2044-1 AMT REV B DATED 02/19/13					
Certificates that the work specified in block 11/12 was carried out in accordance with EASA part 145 and in respect to that work the article is considered ready for release to service under EASA part 145 Approval no EASA.145.5012.					
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 type="checkbox"/> Other regulation specified in Block 12  Certificates 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 No.:	14b. Authorized Signature: 	14c. Approval/Certificate No.: <b>PX2R099L (RS)</b>		
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): <b>Mary Lurinda Carpenter</b>	14e. Date (dd/mmm/yyyy): <b>19 DEC 2025</b>		
<b>User/Installer Responsibilities</b>					
<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. 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 engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Block 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>					