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 3313A
50 VA

1. Approving Civil Aviation Authority/Country:	2.	3. From Tracking Number
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	**170631**

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number
Electromech Technologies, LLC 2600 S. Custer Wichita, KS 67217 (PX2R099L)	**P00797**

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	**VARIABLE OUTPUT INVERTER**	**EM2044-1**	1	3313A	**OVERHAULED**

12. Remarks:

REPLACE TRANSFOMER ASSY; BASEPLATE AND RETEST. FUNCTION TESTED PER ATP 2044, REV C, 11/30/05.

OVERHAUL LIMITED TO APPROVED MAINTENANCE DATA

TITLED EM2044-1 AMT

REV B DATED 02/19/13

Certifies 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:		14a. [x] **14 CFR 43.9 Return to Service.** [x] **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 No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **PX2R099L (RS)**
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Mary Lurinda Carpenter	14e. Date (dd/mmm/yyyy): 14 JAN 2026

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 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.