

F.A.A. APPROVED CRS#JZJR202L

O/H

REPAIRED

F/T

DATE: 7/8/2025

W/O#: 48459

CARROLLTON, TEXAS (972) 733-3828

STATIC INVERTER FAA TSO-C73 DO-160A ENV. CAT.

MODEL SPC-10(J) S/N 453 D2BREWXDFSAAZZ

INPUT +28VDC @ 10.7 A

OUTPUT #1 115VAC @ 2.17 A

OUTPUT #2 26VAC @ 5.77 A

TOTAL CONT. OUTPUT POWER 250 VA

FREQ 400Hz WAVE SINE

PF -.95 to .8 PHASE 1

ALT 55,000 FT WT 5.1 LBS

MOD 1 2 3 4 5

FSCM #16017 DATE CODE

KGS ELECTRONICS, ARCADIA, CA 91006 (USA)

J1 PIN DESCRIPTION

- A = +28VDC INPUT
- B = 115 VAC OUTPUT
- C = AC COMMON RTN
- D = DC GND RETURN
- E = PHASE LOCK
- F = REMOTE ON/OFF
- G = 26 VAC OUTPUT
- J2 = FAULT MONITOR

MODIFICATIONS



1 2 3 4 5 6 7 8 9 10

KGS ELECTRONICS

1. Approving Civil Aviation Authority/Country:

FAA/United States

2.

AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

SAI8130 48459

4. Organization Name and Address:

SIMS AVIATION, INC. 3333 EARHART DR, STE 240 CARROLLTON, TEXAS 75006 (JZJR202L)

5. Work Order/ Contract/Invoice Number:

48459

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number:	11. Status/Work
01	STATIC INVERTER	SPC-10(J)	01	453	OVERHAULED

12. Remarks

PERFORMED PRETEST INSPECTION
 DISASSEMBLED, INSPECTED AND CLEANED PARTS
 INSPECTED ALL ASSEMBLIES, SECURED ALL CONNECTIONS
 CALIBRATED PER MANUFACTURER SPECIFICATIONS
 ASSEMBLED UNIT
 TESTED UNIT PER THE MANUFACTURER'S SPECIFICATIONS
 RETURNED EQUIPMENT TO OVERHAUL CONDITION
 OVERHAULED PER MANUFACTURER'S SPECIFICATIONS PUB #
 FINAL TESTED

TECH: DANNY SMITH

DATE: 08/JUL/2025

Publication# DWG NO 152806 REV# L REV DATE 11/12/2009

13a. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation
- Non-approved design data specified in Block 13.

14a. 14 CFR 43.9 Return to Service 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 No.

14b. Authorized Signature

14c. Approval/Certificate No.

JZJR202L

13d. Name (Typed or Printed)

13e. Date (d/m/y)

14d. Name (Typed or Printed)

14e. Date (d/m/y)

JEFF HODGSON

08/JUL/2025

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install part / component/ assembly.

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in block 13 and 18 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.