



SIMS AVIATION, INC.

FAA/EASA Instrument Repair Station

F.A.A. APPROVED CRS#JZJR202L

O/H

REPAIRED

F/T

DATE: 1/20/2026

W/O#: 49259

CARROLLTON, TEXAS (972) 733-3828

STATIC INVERTER		FAA TSO-C73	DO-160A ENV. CAT.
MODEL	SPC-38(B)	S/N	1730
INPUT	+28VDC	@	16 AMP
OUTPUT #1	115VAC	@	3.26 AMP
OUTPUT #2	26VAC	@	5.77 AMP
TOTAL CONT. OUTPUT POWER		375 VA	
FREQ	400Hz	WAVE	SINE
PF	-.95 to .8	PHASE	1
ALT	55,000 FT	WT	8.75 LBS
MOD	3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/>		
FSCM 16017	DATE		
KGS ELECTRONICS, ARCADIA, CA 91006 (USA)			

D2BREXXXSXBBBA

PIN	DESCRIPTION
A	= +28 VDC INPUT
B	= 115 VAC OUTPUT
C	= AC COM RTN(GND)
D	= DC RETURN (GND)
E	= REMOTE ON/OFF
F	= PHASE SYNC
G	= 26 VAC OUTPUT
J2	: FAULT MONITOR

SIMS AVIATION
072 722 2828

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 49259

4. Organization Name and Address:
SIMS AVIATION, INC. 3333 EARHART DR, STE 240 CARROLLTON, TEXAS 75006 (JZJR202L)

5. Work Order/ Contract/Invoice Number:
49259

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number:	11. Status/Work
01	STATIC INVERTER	SPC-38(B) SPC-38B	01	1730	OVERHAULED

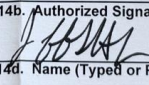
12. Remarks

PERFORMED PRETEST INSPECTION
DISASSEMBLED, INSPECTED AND CLEANED PARTS
INSPECTED ALL ASSEMBLIES, CLEANED SUB ASSY AND HOUSING.
ADJUSTED AND 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: 20/JAN/2026

Publication# DWG NO 53006-3 REV# M REV DATE 12/5/2012

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 13.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input 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 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	20/JAN/2026

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.