



**SIMS AVIATION, INC.**

FAA/EASA Instrument Repair Station

**F.A.A. APPROVED CRS#JZJR202L**

O/H ☒

REPAIRED ☐

F/T ☐

DATE:

11/31/2025

W/O#:

47833

CARROLLTON, TEXAS (972) 733-3828

**STATIC INVERTER FAATSO-C73**

**MODEL SPC-10(J)**

S/N

416

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

**5.4 LBS**

MOD 1

☐

2

☐

3

☐

4

☐

5



FSCM #16017

DATE CODE

0438

**DO-160A ENV. CAT.**

**D2BREWDFSAAZZ**

J1

PIN DESCRIPTION

A = +28VDC INPUT

B = 115 VAC OUTPUT

C = AC COMMON RTN

D = DC GND RETURN

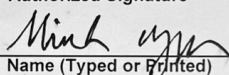
E = PHASE LOCK

F = REMOTE ON/OFF

G = 26 VAC OUTPUT

J2 = FAULT MONITOR

**KGS ELECTRONICS, ARCADIA, CA 91006 (USA)**

1. Approving Civil Aviation Authority/Country:  FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>				3. Form Tracking Number:  SAI8130                      47833	
4. Organization Name and Address: <b>SIMS AVIATION, INC. 3333 EARHART DR, STE 240 CARROLLTON, TEXAS 75006 (JZJR202L)</b>						5. Work Order/ Contract/Invoice Number:  47833	
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number:	11. Status/Work		
01	STATIC INVERTER	SPC-10(J)	01	416	OVERHAULED		
12. Remarks  PERFORMED PRETEST INSPECTION DISASSEMBLED, INSPECTED AND CLEANED PARTS INSPECTED ALL ASSEMBLIES, CLEANED SUB ASSY AND HOUSING TESTED UNIT PER THE MANUFACTURER'S SPECIFICATIONS RETURNED EQUIPMENT TO OVERHAUL CONDITION OVERHAULED PER MANUFACTURER'S SPECIFICATIONS PUB # FINAL TESTED							
				TECH: DANNY SMITH		DATE: 31/JAN/2025	
				Publication#      DWG NO 152806      REV#      L      REV DATE      11/12/2009			
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.	
				 MINH NGUYEN		JZJR202L	
13d. Name (Typed or Printed)		13e. Date (d/m/y)		14d. Name (Typed or Printed)		14e. Date (d/m/y)	
						31/JAN/2025	
<b>User/Installer Responsibilities</b>							
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.							
<div style="display: flex; justify-content: space-between;"> <span>FAA Form 8130-3 (02-14)</span> <span>FINAL INSPECTION      DATE: 31/JAN/2025</span> </div>							