

512-270-8718

PIUS

SIEMS AVIATION, INC.
F.A.A. APPROVED C889JZJR202L
DATE: 3/13/2024
WIDR: 49984

SIMS AVIATION
972-733-3828
WARRANTY SEAL

STATIC INVERTER FAA TSO-C73		PI#
800-160A ENV. CAT. D28RAXKXKX8B8A		DESCRIPTION
MODEL SFC-38(B)	S/N	A= -28 VDC INPUT
INPUT +28 VDC	16 AMP	B= 115 VAC OUTPUT
OUTPUT #1 115 VAC	3.26 AMP	C= AC COMMON RET
OUTPUT #2 26 VAC	5.77 AMP	D= DC RETURN (GND)
TOTAL CONT. OUTPUT POWER	375 VA	E= REMOTE ON-OFF
FREQ 400 HZ	WAVE SINE	F= PHASE SYNC
P.F. .8 to .95	PHASE 1	G= 26 VAC OUTPUT
ALT. 55,000 FT	WT. 8.5 LBS	J2= FAULT MONITOR
MODIFICATION STATUS O1 O2 O3 O4 O5 O6 O7		
KGS ELECTRONICS INC., PASADENA, CA 91103 (USA)		



SIMS AVIATION

972-733-3828

WARRANTY SEAL

STATIC INVERTER FAA TSO-C73

DO-160A ENV. CAT. D2BRXXXXSXBBBA

PIN

DESCRIPTION

MODEL	SPC-38(B)	S/N	1407	A=	+28 VDC INPUT
INPUT	+28 VDC	@	16 AMP	B=	115 VAC OUTPUT
OUTPUT #1	115 VAC	@	3.26 AMP	C=	AC COMMON RET
OUTPUT #2	26 VAC	@	5.77 AMP	D=	DC RETURN (GND)
TOTAL CONT. OUTPUT POWER			375 VA	E=	REMOTE ON-OFF
FREQ	400 HZ	WAVE	SINE	F=	PHASE SYNC
P.F.	.8 to .95	PHASE	1	G=	26 VAC OUTPUT
ALT.	55,000 FT	WT.	8.5 LBS	J2:	FAULT MONITOR

MODIFICATION STATUS 01 02 03 04 05 06 07

KGS ELECTRONICS INC., PASADENA, CA 91103 (USA)

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 49484

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

5. Work Order/ Contract/Invoice Number:
49484

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
01	STATIC INVERTER	SPC-38(B)	01	1407	OVERHAULLED

12. Remarks
PERFORMED PRETEST INSPECTION
DISASSEMBLED, INSPECTED AND CLEANED PARTS
INSPECTED ALL ASSEMBLIES, CLEAN SUB ASSY AND HOUSING
CALIBRATED PER MANUFACTURER SPECIFICATIONS
ASSEMBLED UNIT
TESTED UNIT PER THE MANUFACTURER'S SPECIFICATIONS
RETURNED EQUIPMENT TO OVERHAUL CONDITION
OVERHAULLED PER MANUFACTURER'S SPECIFICATIONS PUB #
FINAL TESTED

Certifies that the work specified in block 11/12 was carried out in accordance with EASA 145 and with respect to that work the aircraft component is considered ready for release to service under EASA approval
Certificate Number: EASA .145.5890

TECH : DANNY SMITH DATE: 12/MAR/2026

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

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
[Signature]

14b. Authorized Signature
[Signature]

14c. Approval/Certificate No.
JZJR202L

13d. Name (Typed or Printed)
13e. Date (d/m/y)

14d. Name (Typed or Printed)
MINH NGUYEN

14e. Date (d/m/y)
12/MAR/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.