



SPERRY
FLIGHT SYSTEMS

VG-14A
PHOENIX, ARIZONA

VERTICAL GYRO

PART NO. 7000622- 901

SERIAL NO. 81012473

WT. 7.3 LB.

TSO C4c

RATING: 115 VAC 400 Hz

MOD

A	B	C	D	E	F	G	H	J	K	L
M	N	P	R	S	T	U	V	W	Y	Z

SPERRY CORPORATION

MADE IN U.S.A.

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 48395

4. Organization Name and Address:

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

5. Work Order/ Contract/Invoice
Number:

48395

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number:	11. Status/Work
01	VERTICAL GYRO	7000622-901	01	81012473	OVERHAULED

12. Remarks

PERFORMED PRETEST INSPECTION
DISASSEMBLED, INSPECTED AND CLEANED PARTS
REPLACED ROTOR BEARINGS, BALANCED, RUN-IN ROTORS
REPLACED GIMBAL BEARINGS
REMOVED AND REPLACED MOUNTS
CLEANED SLIPRINGS AND BRUSHES
BALANCED GIMBALS
CALIBRATED PER MANUFACTURER SPECIFICATIONS
TESTED UNIT PER THE MANUFACTURER'S SPECIFICATIONS
CLEANED AND PAINTED CASE
RETURNED EQUIPMENT TO OVERHAUL CONDITION
OVERHAULED PER MANUFACTURER'S SPECIFICATIONS PUB #
FINAL TESTED

TECH: THINH NGUYEN

DATE: 20/JUN/2025

Publication# 09-3224-02 REV# 3 REV DATE 2/17/2022

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)

MINH NGUYEN

20/JUN/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.