


**HANDLING NOTE**  
**AVOID RAPID GYRO MOVEMENT**  
**DURING GYRO RUNDOWN PERIOD**



**GYROSCOPE,  
DISPLACEMENT**  
MODEL VG-206D  
PART NO. 501-1204-01  
SERIAL NO. 2396A  
POWER 115V ac 400Hz 1 $\phi$   
TSO C4c

 **communications**  
Avionics Systems  
Grand Rapids, Michigan USA

**MODIFICATIONS**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

1. Approving National Aviation Authority/Country <b>FAA/UNITED STATES</b>	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 1E1FA0001001001
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4. Organization Name and Address: <b>Duncan Aviation/Lincoln Airport/Lincoln, NE 68524</b>				5. Work Order/Contract/Invoice Number: <b>JGVR194F</b>	
6. Item: <b>1</b>	7. Description: <b>GYROSCOPE, DISPLACEMENT</b>	8. Part Number: <b>501-1204-01</b>	9. Eligibility: <b>N/A</b>	10. Quantity: <b>1</b>	11. Serial/Batch Number: <b>2396A</b>
				12. Status/Work: <b>Overhauled</b>	

13. Remarks:

Customer: AIRMARK INTERNATIONAL  
Discrepancy: Causes aircraft to drift.

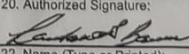
Preliminary Findings: Bench checked unit and could not duplicate discrepancy. Opened and inspected. Found rocky inner gimbal bearings, burnt roll switch (S1), and dry rotor bearings. Overhaul required.

Corrective Action: Replaced defective parts. Installed overhauled rotor assemblies. Cleaned, aligned and calibrated. Inspected and overhauled to specifications. Functional tested per the L-3 COMM AVIONICS SYSTEMS VG-206D Displacement Gyroscope Maintenance Manual with Illustrated Parts List, Revision 5, dated 02/13/2008.

Duncan Aviation certifies that the work specified in Blocks 12 and 13 was performed I.A.W. EASA Implementation Rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.4392.

All EASA/FAA Airworthiness Directives are the responsibility of the installer.  
No current U.S. Airworthiness Directives apply.

Technician: Donald E Harwood  
This document constitutes a signed copy of the work order  
Approval for return to service  
See attached parts list

14. 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.		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.	
15. Authorized Signature:	16. Approval Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No.: DUNCAN QI 151 JGVR194F
17. Name (Type or Printed):	18. Date (m/d/y):	22. Name (Type or Printed): Randall G Bauer	23. Date (m/d/y): Jun 18, 2012

**User/Installer Responsibilities**

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

Where the user/installer performs 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 blocks 14 and 19 do not constitute installations 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.

