

1 Approving Civil Aviation Authority/Country <b>FAA/UNITED STATES</b>		2 AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3 FORM TRACKING NUMBER PRIME IND. 049914	
4 ORGANIZATION NAME AND ADDRESS: <b>Global Tech Instruments, Inc. 18380 Enterprise Lane, Huntington Beach, CA 92648 (G3OR208N)</b>				5 WORK ORDER, CONTRACT, OR INVOICE NUMBER <b>83426</b>		
6 ITEM:	7 DESCRIPTION:	8 PART NUMBER:	9 QUANTITY:	10 SERIAL NO:	11 STATUS / WORK:	
1	VERTICAL GYRO	501-1210-01 / VG-208C	1	3312	OVERHAULED	
12 REMARKS: ITEM 1 WAS MANUFACTURED BY: L3 COMMUNICATIONS <b>THIS UNIT WAS: OVERHAULED</b> I.A.W. 34-20-12 REV.11 FEB 2011 <b>FOR FURTHER DETAILS SEE WORK ORDER # 83426</b> The work specified in Blocks 11/12, except as otherwise specified, was carried out in accordance with EASA Part-145 and in respect to that work the A/C component is considered ready for release to service under EASA Part-145 Approval number EASA.145.4407.						
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 12			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 AUTHORIZED NO:	14b AUTHORIZED SIGNATURE:		14c APPROVAL CERTIFICATE NO: <b>G3OR208N</b>	
13d NAME (TYPED OR PRINTED):		13e DATE (DD/MM/YYYY)	14d NAME (TYPED OR PRINTED): <b>JAKE GALPIN</b>		14e DATE (DD/MM/YYYY) <b>20/DEC/2021</b>	

FORM 8130-3 (02-14)

\*INSTALLER MUST CROSS CHECK ELGIBILITY WITH APPLICABLE TECHNICAL DATA

**GLOBAL TECH INSTRUMENTS**

18380 ENTERPRISE LANE  
HUNTINGTON BEACH, CA 92648  
714-375-1811

FAA REPAIR STATION NO. G3OR208N  
CLASS 1-2-3-4-ACCESSORY III -LIMITED RADIO

CUSTOMER: Prime Industries  
CUSTOMER PO.NO.: 049914  
DATE RECEIVED: 12-02-2021  
DATE DUE: AS AP  
DATE COMPLETED: 12-20-2021  
INSTRUMENT: Vertical Guro  
MANUFACTURER: \_\_\_\_\_  
PART NO.: 501-1210-01  
SERIAL NO.: 3312  
OUR INVOICE NO.:83426

WORK TO BE PERFORMED: CHECK ONE:  
 REPAIR  
 CALIBRATION  
 TEST AND INSPECT  
 OVERHAUL  
A.D. COMPLIANCE  YES  NO INAL. Be  
Customer Request Quote  
to Overhaul

FINDINGS: CHECK ONE:  
 OVER PRESSURED  
 PHYSICAL MISHANDLING  
 SEVERE ENVIRONMENT  
 AGE AND LONG SERVICE  
 OVERLOAD

PARTS USED:

QTY.	PART NO.	QTY.	PART NO.
2	SSRIF-6632ZZKB	PO 21821	
1	B60-801	PO 20868	
2	SSRIF-6632ZZKB0208	PO 21554	

CMM USED: 34-20-12 Rev 11 Feb 2011  
EQUIPMENT USED: CIT 0001, CIT 0095  
CIT 0099, CIT 0203, CIT 0014  
REPAIRMAN: \_\_\_\_\_  
INSPECTOR: \_\_\_\_\_

Unit Found - Found Bad  
Brgs Broken Pitch  
Stop - Noisy Rotor etc.  
All Indications of High  
Time Unit. Standard  
Unit Required.

READING	ERROR	READING	ERROR	READING	ERROR	READING	ERROR	READING	ERROR
Pitch	OK	No Flag	OK						
Rail	OK	Adjusted	OK						
Static	OK	Adjusted	OK						
Stator	OK	Subst	OK						
Interent	OK	Kad out	OK						
Resonance	OK								

WORK PERFORMED: CHECK ONE:  REPAIRED  CALIBRATED  TESTED AND INSPECTED  
 OVERHAULED  A.D. COMPLIANCE

Removed and Replaced BRGs. Balanced Rotor at 10K RPM  
Wing Structure balanced down to "one" scale. Reassembled  
and static balanced before performing final calibration  
Per Cmm. Sealed / Painted / Sent to OI.

THE AIRCRAFT INSTRUMENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. LISTED ABOVE.