GH025 Instruction of Horizon Gyro-Electric

. ayad	Supplied that were and a production of the production of the supplied of the s	Francisco Services
1.	FUNCTION: Indicating attitude of a small aircraft. It accords with TSO-C4c.	Described Limit
	i. The disc trioties from an groot the small plane moves smoothly	And the second section of the section of the second section of the section of the second section of the
2.	SPECIFICATIONS:	Ames Reduction
	of Election will be a constructed to the contract of the contr	Reiote Using
	OPERATING TEMPERATURE Louises best blanting and trues absentable (-2	2°F) to 50°C (120°F)
	FLIGHT ALTITUDE OF CO. 28 YOU WHETTON IT TO PROJUDITE	4600m.(15000 ft.)
	MAXIMUM ALLOWED VIBRATION	implitude (.020 inches)
	OPERATING POWER	DC/IAV
	WORKING RANGE: Banking 3	60° Pitching ±80°
	ACCURACY	ld be not more than 1°
	WORKING CURRENT	. Not more than 0.8A
7	RESISTANCE	not less than 20 MΩ
	GYROWHEEL RPM No	t lees than 20000/ min
	MOMENTUM OF INERTIA	525 gr.cm ²
7	ANGULAR MOMENTUM	1.1×10 ⁶ grcm ² /s
	FROM START TO RUNNING SPEED MAX	3 min
	WEIGHT	1.2kg (2.65lbs)

3. INSTALLATION AND USING IN HER MAY DON'T AND A STATE OF THE STATE OF

- (1) Assemble the instrument on a shock-resistant panel by three special screws so it is not subject to exceeding vibrations. Dimensions of cutout to be made in instrument panel for installation are shown in Fig. attached. Do not install instrument with screws longer than 15.87 mm.(5/8").
- (2) Before use the instrument, checking and be sure it is qualified:

The gyro is not seize up. Pulling the pin of gyro and make the gyro go back to benchmark from any attitude and lock-in it. Connect the instrument to the power supply according to relative terminal show on notice board of gyro, inside should be illumining by red light. After 3 min. the lock is released and alarm flag disappear. The instrument can indicate airplane's bank and pitch angles when lock was released for 3 min.

(3) After every 50hs (or 6 month) working time, check up if the fixed screws are loose and be sure the gyro is working properly. Clean the gyro's glass with silk or chammy.

4. THE SOLUTION OF MALFUNCTION WHILE INSTALLING

Malfunction Mode	Debugging Ways
Without illumination .	Check if the voltage of cable on board is properly.
	Check the voltage of cable on board and release
	lock again.

5. GUARANTEE

The gyro can be repaired by manufacturer when the following items are satisfied.

To use according to the INSTRUCTION correctly. Describe in details in the WORKING RECORD when the malfunction can not be solved. Send the gyro packed by original material back to your dealer with WORKING RECORD.

OIZMAMHO MATA HATZM

A-1:0±88%

WORKING RECORD OF HORIZEN GYRO-ELECTRIC

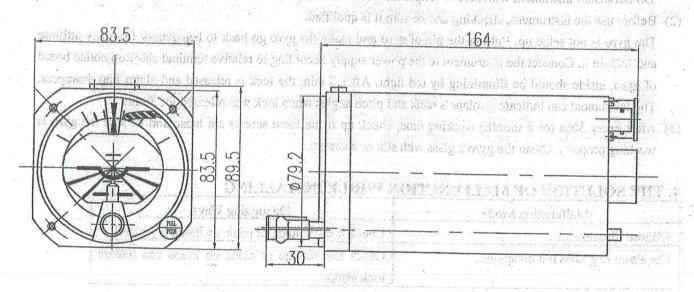
Gyro No .:

Purchase Time		
Unsealing Time	Indicating autores of a small shough it accords with Execute.	4101131341
Checking Record Before Using	1. Turning knob of horizon gyro, the small plane moves smoothly. □ Yes □ No 2. Pulling pin of horizon gyro, the gyro can be turned back to benchmark from any attitude and locked. □ Yes □ No 3. Illumination is normally. □ Yes □ No 4. Alarm flag disappear when lock is released. □ Yes □ No	18 - 18 10 N
Installing Time	The state of the s	of Periods
Malfunction Happened Time		
Description Of Malfunction	apple with the second left.	oksilas. Oksilas.
- Givi 75 and see by	school of the second of the se	WATERE.
elidi VMCQX aadii 2055. k		HERONY
	AMBER TO W	i Discussoral
e former What I have	No. 177-1970	
1364	OCTO ELIVENDO NETED MAX	
		1 11/1/1/1/

As the malfunction happens, fill in the form in details and you will be offered the best service.

separable the maintenance of the secretary paper by their special secrets so it is not subject in a second-

OUTLINE OF HORIZON GYRO-ELECTRIC



INSTALLATION DIMENSIONS

