

# Electric Attitude Gyros

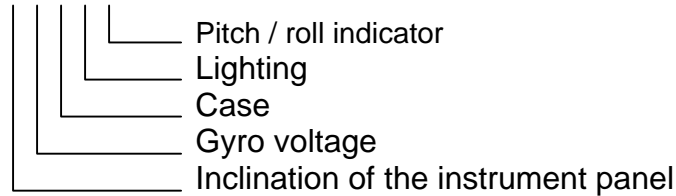
## 3-inch Electric Attitude Gyros

### Model LUN 1241

**Description:** The rugged 3-inch Electric Attitude Gyro (indicator) is a direct reading instrument indicating pitch and roll (bank) attitude. Its operational range is through 360° both in pitch and roll. There is a field of controlled precession at pitch attitudes exceeding  $\pm 70^\circ$ . The primary display component is a spherical surface with a scale providing for pitch attitude indication within  $\pm 20^\circ$ . On reaching this limit a window in the display surface opens and a digital pitch angle presentation is displayed up to a value of  $\pm 70^\circ$ . The roll attitude is indicated on a roll attitude scale up to  $\pm 90^\circ$ . The display corresponds with viewing the earth's surface from an aircraft. The attitude gyro is provided with a caging gear, with an aircraft symbol (with position adjustable between  $+10^\circ$  and  $-7^\circ$  of pitch attitude) and with visual malfunction indication. All instruments are offered to comply with customer's specification and are mounted for easy servicing.

### Model Designations:

## Electric Attitude Gyro LUN 1241.XXXXX



### Inclination of the instrument panel:

A	0°	I	8°
B	1°	J	9°
C	2°	K	10°
D	3°	L	11°
E	4°	M	12°
F	5°	...	
G	6°	T	20°
H	7°	*	.....

### Gyro voltage:

4	14 VDC
8	28 VDC

### Case:

A	ARINC 408A 3ATI
B	ARINC 408A 3ATI with slip indicator
D	Standard with slip indicator
G	Standard
T	Standard with slip indicator, without adjustment of aircraft symbol
V	ARINC 408A 3ATI with slip indicator, without adjustment of aircraft symbol
Y	Standard without adjustment of aircraft symbol
Z	ARINC 408 3ATI without adjustment of aircraft symbol
*	.....

### Lighting:

0	no lighting
4	14 VDC
5	5 VDC
8	27 VDC
U	Lit – specific feeding is mentioned on a lighting tray
*	.....

### Pitch / roll indicator:

W	pitch 0-70° / roll bottom
B	pitch 0-20° / roll bottom
R	pitch 0-70° / roll upper
S	pitch 0-20° / roll upper

\* etc. – other models in accordance with customer's specification

### Product description:

Applicable Specification: TSO C4c

Display: Upper pitch display – blue (grey)  
Lower pitch display – brown (black)  
Roll dial - black  
Graduation - white  
Warning flag - red

Airplane symbol – yellow with red central dot

Installation: By means of four screws with the aid of a clamp or a frame (case model A) or directly by means of three screws (case model G)

Lighting: Lighting is available upon request (white, red or NVIS green)

**Environmental (Operating):**

Temperature: -30 °C to +55 °C (-22 °F to +131 °F)

Humidity: 95% maximum at +50 °C (122 °F)

Vibration: 5 to 10 Hz, 0.1 inch (2.5mm) max.; 10 to 40 Hz, 1.0 g max.; 40 to 2,000 Hz, 0.5 g max.

Altitude: -1,000 feet to 50,000 feet

Typical weight: 3.5 lbs. (1.6 kg)