



2" Servoed Triple Tachometer

The new Ahlers triple tachometer is a replacement of the tachometer presently used on the EC135 & 145. It would also make an excellent standby tachometer for twin engine helicopters being converted to glass cockpits. The instrument lighting is generated via pulse width modulated LED's which have an expected life in the millions of hours. It can be configured with either standard lighting or NVG (night vision goggle) compatible lighting.



Features:

- ✓ Low current draw. (150mA total all channels)
- ✓ LED light source that should last for the life of the unit
- ✓ Smooth, clean looking dial face.
- ✓ Range Mark configuration per customer's requirements.
- ✓ PMA pending.
- ✓ Fully dimmable lighting.
- ✓ American made in our Texas facility. (Reparable in the USA.)

Specifications:

- Operating temperature: -15 degrees C to +55 degrees C
- Storage temperature: -55 C to +85 C
- Designed to RTCA DO-160G:
 - A. Temperature and Altitude, Sec. 4, Cat. A1
 - B. Temperature Variation, Sec. 5, Cat. B
 - C. Humidity, Sec. 6, Cat. A
 - D. Operational Shocks and Crash Safety, Sec. 7, Cat. B
 - E. Vibration, Sec. 8, Cat. U2, (Curve F & F1)
 - F. Magnetic Effect, Sec. 15, Cat. Z
 - G. Power Input, Sec. 16, Cat. Z(X)
 - H. Voltage Spike, Sec. 17, Cat B
 - I. Audio Frequency Conducted Susceptibility, Sec 18, Cat Z
 - J. Induced Signal Susceptibility, Sec. 19, Cat. AC
 - K. Conducted Susceptibility, Sec. 20, Cat. W
 - L. Radio Frequency Susceptibility, Sec. 20, Cat. W
 - M. Emission of Radio Frequency Energy, Sec. 21, Cat. B
 - N. Lightning Induced Transient Susceptibility, Sec. 22, Cat A3XXXX
 - O. Electrostatic Discharge, Sec. 25, Cat. A
- Printed circuit boards coated per MIL-I-46058C or equivalent
- Case finish: Anodized per MIL-A-8625F, Type II, Class 2

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Visit our website: www.ahlersaerospace.com for more information on our products and services.

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