



IEEE Standard for Specifying and Testing Single-Axis Interferometric Fiber Optic Gyros

IEEE Aerospace and Electronics Society

Developed by the
Gyro and Accelerometer Panel

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Abstract: Specification and test procedures for a single-axis interferometric fiber optic gyro (IFOG) for use as a sensor in attitude control systems, angular displacement measuring systems, and angular rate measuring systems are defined. The test procedures are derived from those presently used in the industry.

Keywords: fiber gyro, fiber optic gyro, FOG, gyro, gyroscope, IEEE 952™, IFOG, inertial instrument, inertial sensor, interferometric fiber optic gyro, optical gyro, Sagnac effect, Sagnac gyro, specification, test procedures

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