

Zing™ Test

FasTrak™ Optical Tracker

Honeywell



No-hands helicopter blade tracking

FasTrak™ Optical Tracker

provides no-hands blade tracking
and lead/lag automatically



Automatic optical blade tracking day or night without operator interpretation.

The FasTrak™ day and night optical blade tracker provides blade track and lead/lag automatically – without operator interpretation. FasTrak is part of the Zing portfolio of monitoring systems.

Mounted on the fuselage, the FasTrak is oriented upward toward the underside of the rotating blades. It views each blade from each rotor through a ten degree window and operates on the principle that a high-flying blade will remain in the field of view longer than a low flying blade. Installation and operation with other Zing products are straightforward, using aircraft specific brackets and software.

Specifications	
Weight	1.1 lbs.
Dimensions	5.1" high x 3.6" diameter
Environments	Day & Night
Resolution	1 mm
Track Accuracy	±5% of reading
Lead/Lag Accuracy	±5% of reading
Temperature Range Operating	-40° to +70° C
	Storage: -55° to +85° C
	Altitude: 30,000 ft.
Relative Humidity	DO-160C, Section 6, Category B to 95%, altitude 30,000 ft.
Shock & Vibration	Shock: DO-160C, Section 7 Crash: DO-160C, Section 7 Vibration: DO-160C, Section 8
Power Requirements (Powered from a 12Vdc supply with ground return isolated ground return isolated from A/C power ground and chassis ground)	Voltage Tolerance: +1v (from nominal) Voltage Ripple: less than 30mV peak Current requirements: Passive - less than 50mA; Active - less than 300mA

Specifications subject to change without notice.

Honeywell Aerospace

1944 East Sky Harbor Circle
Phoenix, AZ 85034
800-601-3099
International: 602-365-3099
www.honeywell.com

N61-0880-000-000
January 2009
© 2009 Honeywell International Inc.