

C I E L O

PRECISELY ON YOUR TARGET



SKYLINE INS FAMILY

HIGH ACCURACY AIR NAVIGATION SYSTEM



SKYLINE INS FAMILY

HIGH ACCURACY AIR NAVIGATION SYSTEM



The Skyline Family of Airborne Inertial Navigation Systems (INS) employs the latest closed-loop Fiber Optic Gyro (FOG) technology, providing fast, high precision, autonomous navigation.

SPECIFICATIONS

- **Cost effective solution for air platforms in the GPS-denied battlefield.**
- **Operate with following modes:**
 - ▶ Gyrocompass Alignment Mode
 - ▶ Stored Heading Alignment Mode
 - ▶ In-Flight Alignment Mode
 - ▶ Hybrid Navigation Mode
 - ▶ AHRS Mode
- **Maintenance-free, robust, light weight, compact airborne inertial navigation solution.**



PARAMETER		SKYLINE 5	SKYLINE 10	SKYLINE 100
PERFORMANCE	Heading (RMS)	1.5°	0.15°	0.05°
	Roll/Pitch (RMS)	0.5°	0.05°	0.03°
	Position Hybrid/Inertial	10m/N/A	10m/2 nm/hr	10m/0.8 nm/hr
	Alignment time	15 min	10 min	5 min
	Aiding source	Air speed, Magnetometer, etc.		
INTERFACE		RS422/RS232		
		MIL-STD 1553B		
		Ethernet		
	Power requirements	28 VDC (18-36 VDC) <15W		
ENVIRONMENTAL	Operating temperature	-40 to +71°C		
	Environmental standards	MIL-STD-180, MIL-STD-461		

CIELO INERTIAL SOLUTIONS LTD.

info@cielo-inertial.com | www.cielo-inertial.com

5 Nahum Hefzadi St., P.O.Box 34429, Jerusalem 9134302 Israel | Tel: +972.2.6595339 | Fax: +972.2.6541221

