

High Performance Fiber Optic Gyro-based Inertial Reference System

The best
performing gyro
ever manufactured

AEROSPACE



- Best performing gyro ever manufactured as validated by independent government labs
- Tailorable to unique program needs through sizing of fiber coil and fiber length
- Addresses long mission reliability requirements through redundancy

Fiber Optic Gyro-based Inertial Reference System

Mission Applications:

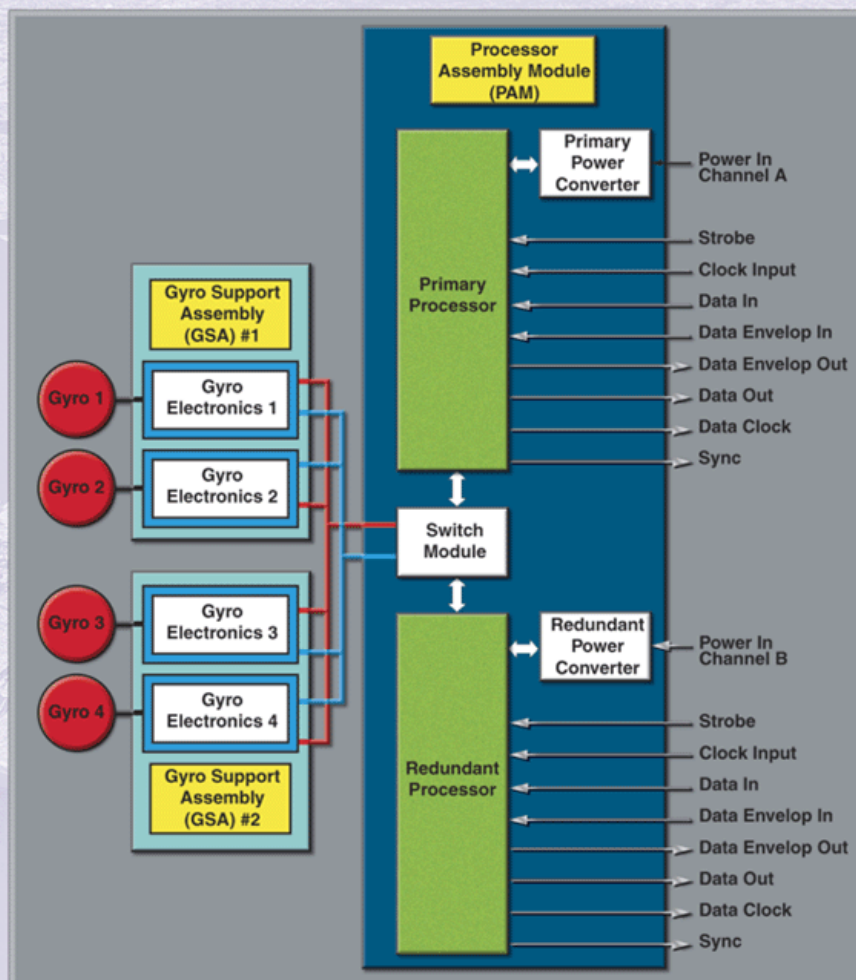
- Precision payload pointing and stabilization
- High performance bus attitude control
- Low drift, low noise applications

Availability:

- Engineering units delivered - 2001
- Flight units - 2003

Performance Characteristics:

- Bias Stability: <0.0003 deg/hr
- ARW (EOL): <0.0001 deg/hr
- AWN: <0.0004 arc-sec/rt-HZ
- Ps (10 years continuous): >0.996
- Quantization: $.0004$ arc-sec/LSB
- SF Stability: <1 ppm (short term)



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