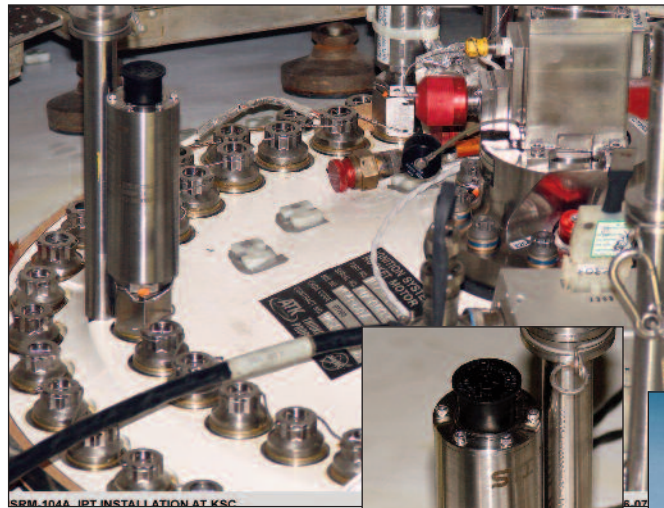


# IPT- Intelligent Pressure Transducer

For NASA's Reusable Solid Rocket Motor

**Product Hilites**



## Stellar Technology's Intelligent Pressure Transducer (IPT)

- On-board mission critical pressure transducer used by NASA to understand and mitigate Thrust Oscillation on Ares I
- Records pressure variations inside Reusable Solid Rocket Motor
- Internal data recorder designed to capture pressure data at high sampling rates (300 sps) with 12-bit resolution
- Full scale range 0-1000 psia
- Designed with safety critical elements to ensure structural integrity of RSRM pressure vessel
- Powered by single 3.6V lithium thionyl chloride battery which conforms to safety standards in UL-1642.
- Compliments STI's existing OPTs (Operational Pressure Transducer) already used on-board the RSRM.
- Flight qualified by NASA
- Flight debut on NASA's STS-126/Endeavor launched November 14, 2008

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