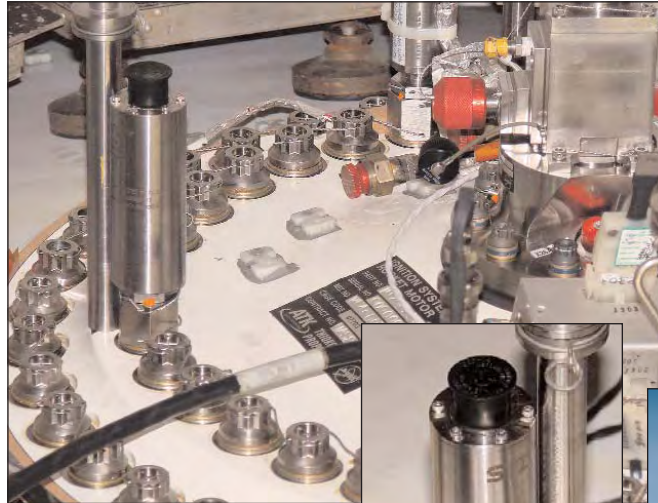


IPT- Intelligent Pressure Transducer for NASA's ReUsable Solid Rocket Motor



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

STELLAR TECHNOLOGY
INCORPORATED

237 Commerce Drive
Amherst, NY 14228 • USA

Tel: 716.250.1900

Fax: 716.250.1909

Web: stellartech.com

Email: info@stellartech.com