

Wireless Tire Pressure Sensing System

SmartStem[®] is the new standard in tire pressure measurement



wireless pressure and temperature sensors inside a tire inflation valve stem



HandHeld TPS Reader



- Replaces the existing tire inflation valve stems
- Redundant sensing channels for high reliability and accuracy
- No battery in *SmartStem*[®] Tire Pressure Sensor (TPS) – powered wirelessly during interrogation by HandHeld TPS Reader
- Extremely rugged design
- Certified on commercial aircraft – current in-service evaluation on military programs
- Compatible with all standard tire maintenance equipment, including manual tire pressure gauges
- HandHeld TPS Reader displays tire pressure and temperature along with date, time and aircraft tail number and wheel position
- Data automatically logged and easily downloaded

■ **FAST – dependable, accurate tire pressure reading within seconds!**

■ **Improves safety** – No loss of gas during measurement

■ **Reduces maintenance time and costs**

- Easier and faster to measure tire pressure
- Tire pressure data automatically recorded

■ **Convenient** – No valve cap removal required and improved measurement access

■ **Easy retrofit**

- Simply replace the existing inflation stem
- Use the HandHeld TPS Reader to check and record tire pressures during regular pressure checks
- Upload tire pressure data records to PC via USB connection

Crane Aerospace & Electronics www.craneeae.com

16700 - 13th Avenue West • Mail: P.O. Box 97027 • Lynnwood, WA USA 98046-9727
1-425-743-8321 • fax: 1-425-743-8371

