

A320 Wireless Tire Pressure Sensing System

SmartStem® is the **new standard** in tire pressure measurement



wireless pressure and temperature sensors inside a tire inflation valve

HandHeld
TPS Reader

- Replaces the existing tire inflation valve
 - No battery in **SmartStem®** Tire Pressure Sensor (TPS) – powered wirelessly during interrogation by HandHeld TPS Reader
 - Triple redundant sensing channels for high reliability and accuracy
 - Extremely rugged design
 - Flight proven on 777 with 350k hours MTBF
 - Compatible with all standard tire maintenance equipment, including manual tire pressure gauges
 - HandHeld TPS Reader displays tire pressure and temperature along with date, time, aircraft tail number and wheel position
- **Improves Safety** – No loss of gas during measurement
 - **Reduces Maintenance Time and Costs**
 - Easier and faster to measure tire pressure – saves up to 60 minutes per aircraft tire pressure check!
 - Tire pressure data automatically recorded
 - Convenient – no valve cap removal required and improved measurement access
 - **Easy Retrofit**
 - Simply replace the existing tire inflation valve
 - 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 or thru wireless interface

**Available
for A320
in 2011**

➔ Certification on other aircraft coming soon.

Contact Crane Aerospace for special introductory price and find out how much you could be saving.

Crane Aerospace & Electronics www.craneeae.com

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