



SERVICE INFORMATION LETTER

FOR

DPS400

BARFIELD P/N 101-01180

Subject: DPS400 Firmware Upgrade

Purpose: To inform customers of firmware change for Barfield P/N 101-01180, Digital Pitot Static Tester

Effectivity: All DPS400 Testers with serial numbers 443 or greater and produced from January 2001. (Note: Units with serial numbers lower than 443 must be sent to Barfield for evaluation.)

Compliance: Compliance with this SIL is OPTIONAL.

Planning: Barfield recommends this upgrade if the customer's testing requirements involve supporting zero airspeed.

History: The manufacturer is responding to its customers' request for achieving zero airspeed at high altitudes. It was determined that the pneumatic regulators of this manufacturer's DPS400 Digital Pitot Static Tester were unable to achieve 0 knots (or 0.0 inHg differential pressure) at high altitudes. This improvement is a firmware upgrade that makes use of the exiting crossbled solenoid valve.

Accomplishment: All new production units will contain this firmware upgrade as a build standard. The firmware version will become 33R06N5. This version number will show on the display upon power up and will be available under the Maintenance menu configuration information. This improvement will be documented as **Mod P**.

Additionally, customer units received for calibration or repair at this manufacturer's repair/calibration facility will receive this upgrade automatically.

Customers with field serviceable units interested in this upgrade will need to contact Barfield Sales Department or Customer Technical Support (800-321-1039) for further information and to arrange a return for upgrade. Inquiries may be emailed to Techsupport.GSTE@barfieldinc.com.