



# GROUND SUPPORT TEST EQUIPMENT

## Adaptive solutions



### Industry leading manufacturer

Thanks to its strong expertise and highly qualified engineers and technicians, Barfield has developed reliable & user-friendly test equipment at competitive market prices.

Barfield has become a recognized worldwide market leader in GSTE, which provides quality products, dedicated technical product support and excellent customer service. Each Barfield test set is designed as a universal tester and includes a detailed operations manual. A wide range of aircraft specific adapter assemblies, cables and modules are also manufactured as part of Barfield's product line.

### Major manufactured product lines include:

- Air Data / Pitot Static, RVSM Air Data testers
- Cable Tensiometers
- Fuel Quantity testers
- Turbine Temperature testers
- Miscellaneous Testers
  - Sight Compass
  - Pressure Tester

### Barfield also distributes the following aircraft test equipment:

- Pitot/Static adapters
- Non-Destructive Testers (NDT)



### Key facts

- Worldwide availability of products through distributors in different regions
- 1 year warranty on all Barfield manufactured products
- ISO 9001:2008 and AS 9100-C Quality Standard
- All Barfield manufactured products calibrated to National Institute of Standards and Technology standards
- 2 Year Warranty on our new DP1000 ADTS



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## A closer look at Barfield's services:

### Air Data/Pitot Static

Barfield has been manufacturing analog, digital, and RVSM pitot-static/air data test sets for over 40 years. All Barfield Pitot-Static testers are designed to meet or exceed the requirements of DOT Advisory Circular 43-203B for performing altimeter and static system tests and inspections. In addition, Barfield offers a full line of high accuracy Air Data testers (Models DPSXXXX) meeting or exceeding the Aircraft OEM's most demanding RVSM accuracy requirements. Barfield also offers the entire Nav-Aids product line of custom pitot tube and static port adapters for most Military, Helicopter, General Aviation, Corporate Jets, and Airlines.

### Fuel Quantity

Our compact and lightweight DC400A, combined with our module (adapter), is a complete fuel quantity test set for use on aircraft that have probes with integral diode rectification, commonly called "DC" systems. Barfield has also released an innovative AC fuel quantity tester, the DFQ40K. This revolutionary design combines an easy to use menu-driven display, direct entry keypad, automatic capacitance readings and "Distance to Fault" technology. These units are ideal for hangar or line maintenance organizations.

### Turbine Temperature

By manufacturing Turbine Temperature Indicating System Test Sets, Barfield has amassed a vast knowledge of common thermocouple EGT systems. Barfield is the leading manufacturer of these completely self-contained, portable battery powered units and meets the requirements for testing aircraft Type K (Chromel - Alumel) thermocouple systems.

### Cable Tensiometer

The Barfield CT12A Digital Cable Tensiometer was designed to exceed the industry's previous standards for testing and measuring aircraft control cable tension. Engineered to comply with a major aircraft OEM specification, the CT12A provides highly accurate and precise readings over a wide range of cable sizes. This product is currently used by OEMs, MROs and operators during cable rigging and routine tension measurements for many aircraft types. The CT12 is available in Single-Cable, Multi-Cable, High Accuracy and Extended range versions.

### Miscellaneous Testers

Barfield has maintained its leadership in the aviation industry by manufacturing an excellent line of products in addition to Pitot/Static, Fuel Quantity, and Turbine Temperature testers. The company's miscellaneous category includes a wide range of other testers designed to meet today's specific aviation industry needs. These testers include pressure testing, backup compass testing, and Automatic Test Equipment (ATE) for component maintenance. These test platforms are very reliable and combine state-of-the-art technical concepts with the latest requirements in the industry.