

# Avionics

## TIBS (TRANSPONDER INTERROGATOR BENCH SOFTWARE)



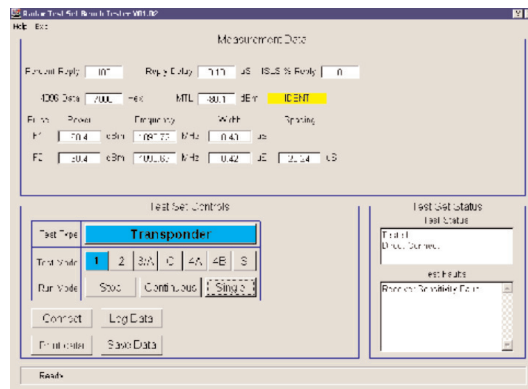
Convenient display of all test set measurements on one full screen

- Remotely controls the APM-424 or TS-4530 from a PC
- Displays the required test data on one screen for easy viewing
- Continuous testing in both transponder and interrogator modes aid in alignment of the LRU
- Software works on many Windows platforms: 95/98, Me, NT 4.0, NT 2000, XP
- Simple user interface allows operator to control the APM-424 or TS-4530 with the click of a mouse
- Transponder or interrogator is directly connected to the test set with the direct connect RF cable
- Print, store and log results with notes and comments

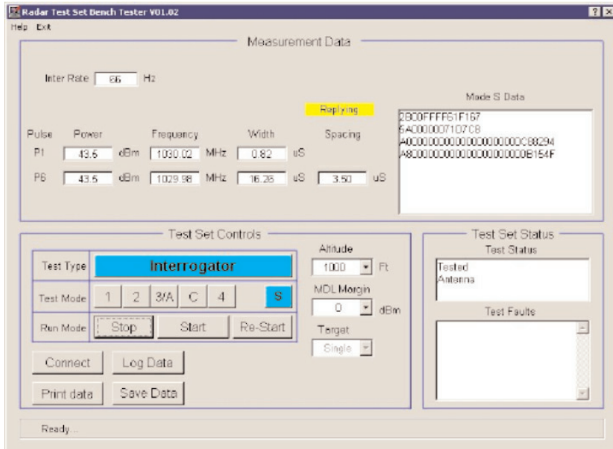
Aeroflex announces a new PC-based software tool to perform bench test of military IFF, commercial TCAS, Mode-S, and other transponder / interrogator devices. TIBS™ "Transponder Interrogator Bench Software" provides a convenient alternative to IFF/Transponder ramp/flight-line testing. The new TIBS™ software tool allows the Aeroflex APM-424/(V3) or TS-4530 Ramp Test Set to serve as a bench tester in the shop or lab environment. TIBS™ installs on most Windows® PCs. The transponder or interrogator under test is directly connected to the test set, using an RF cable.

The following Modes can be tested on the test bench as well as the flight line using the new software:

- Transponder Test Software Modes 1, 2, 3/A, C, 4, S
- Interrogator Test Software Modes 1, 2, 3/A, C, 4, S, TCAS/ETCAS



Transponder Test Screen (Shown in Mode S)



Interrogator Test Screen (Shown in Mode S)

### Setup

The bench software is easily installed on the PC and connects to the test set via the RS-232 communications port and the RS-232 cable provided with the test set.

### Operation

- Simple menu-driven software
- Continuous or single-shot modes
- Screen shots can be printed to store test results

For software specifications and accuracy, see TS-4530/UPM (NSN: 625-01-483-7194) or APM-424(V)3 data sheet.

### ORDERING INFORMATION

AC600694C0 TIBS Transponder Interrogator Bench Software, JPN  
60-0694-C0

### EXPORT CONTROL:

This product is controlled for export under the International Traffic in Arms Regulations (ITAR). A license from the U.S. Department of State is required prior to the export of this product from the United States.

### EXPORT WARNING:

Aeroflex's military products are controlled for export under the International Traffic in Arms Regulations (ITAR) and may not be sold or proposed or offered for sale to certain countries including: Belarus, Burma, China, Cuba, Haiti, Iran, Liberia, Libya, North Korea, Somalia, Syria, Sudan, and Vietnam. See ITAR 126.1 for complete information.

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Our passion for performance is defined by three attributes represented by these three icons: solution-minded, performance-driven and customer-focused.