

NEWS RELEASE



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FOR PRINT AND ONLINE RELEASE: August 3, 2011

Aeroflex MK12A IFF Mode 5 Test Set Receives Full Certification by DoD AIMS Program Office

“Point and shoot” flight line tester includes latest secure military encryption codes

Wichita, Kan.—August 3, 2011—Aeroflex Incorporated, a wholly owned subsidiary of Aeroflex Holding Corp. (NYSE:ARX), announced today that the Aeroflex APM-424(V)5 IFF (Identification Friend or Foe) portable test set has received full certification from the U.S. Department of Defense (DoD) AIMS International Program Office. The tester is in full compliance with DoD AIMS 03-1000A performance standards for Mark XIIA performance and ICAO Annex 10 international standards for Mode S ELS/EHS performance for ramp testing of IFF transponders and interrogators.

“The full AIMS certification is a very important milestone for us. It follows closely the ‘approval for test’ that was granted to Aeroflex last quarter by AIMS,” said Guy Hill, Director, Avionics Business Unit, Aeroflex Test Solutions. “This certification authorizes IFF end users and customers to utilize the APM-424(V)5 in their platform integration, validation and certification efforts,” he said.

The APM-424(V)5 is the first available, portable MK XIIA Mode 5 Level 2/Mode S ELS/EHS test set that has received full certification from the DoD AIMS Program Office.

The new APM-424(V)5 replaces the APM-424(V)3, TS-4530, and TS-4530-1. For customers with existing test sets, Mode 5 upgrade kits are available. Upgraded units can be used with current TOs/TMs (Technical Orders/Technical Manuals).

Aeroflex's Mode 5 tester is lightweight and configurable

IFF Mode 5 is a cryptographic identification system that enables military and international interrogation systems to distinguish friendly aircraft, vehicles, or forces, and to determine their bearing and range from the interrogator. As Mode 5 is deployed, newly installed transponders and interrogators require initial commissioning tests followed by routine pre-mission tests.

The Aeroflex APM-424(V)5 is a lightweight flight line test set for non-commercial, pre-mission testing of IFF transponders and interrogators. It tests the latest development in secure IFF Mode 5. Levels 1 and 2 are crypto-secure with enhanced encryption, spread spectrum modulation, and time of day authentication.

The APM-424(V)5's transponder test mode verifies Mode 5 code load and mission/platform parameters. The interrogator test mode verifies Mode 5 code load and correct decoding of mission/platform parameters. The test set also supports Mode S for military air transport aircraft EHS/ELS. With field interchangeable adapter housings, the APM-424(V)5 will support both the KIV-77 and KIV-78 crypto appliques, allowing the test set to be configured to the users' needs. This feature provides flexibility that is not afforded by comparable products. This certification authorizes use for the KIV-77 adapter; the KIV-78 adapter is currently in development with AIMS certification forthcoming.

Price and availability

Delivery for the APM-424(V)5 or the upgrade kit is four weeks, pending option configuration (confirmed at time of order). Both can be purchased direct from Aeroflex or via U. S. GSA (General Services Administration).

For specific pricing, contact your Aeroflex sales representative at (800) 853-2352 or info-test@aeroflex.com.

About Aeroflex

Aeroflex Incorporated is a leading global provider of microelectronic components and test and measurement equipment used by companies in the space, avionics, defense, commercial wireless communications, medical and other markets.

Editor note: AIMS refers to the U.S. Department of Defense International Air Traffic Control Radar System, Identification Friend or Foe, Mark XII/MarkXIIA Systems Program Office.

Forward Looking Statements

All statements other than statements of historical fact included in this press release regarding Aeroflex's business strategy and plans and objectives of its management for future operations are forward-looking statements. When used in this press release, words such as "anticipate," "believe," "estimate," "expect," "intend" and similar expressions, as they relate to Aeroflex or its management, identify forward-looking statements. Such forward-looking statements are based on the current beliefs of Aeroflex's management, as well as assumptions made by and information currently available to its management. Actual results could differ materially from those contemplated by the forward-looking statements as a result of certain factors, including but not limited to, adverse developments in the global economy; the inability to make payments on our significant indebtedness, dependence on growth in customers' businesses; the inability to remain competitive in the markets Aeroflex serves; the inability to continue to develop, manufacture and market innovative, customized products and services that meet customer requirements for performance and reliability; any failure of suppliers to provide raw materials and/or properly functioning component parts; the termination of key contracts, including technology license agreements, or loss of key customers; the inability to protect intellectual property; the failure to comply with regulations such as International Traffic in Arms Regulations and any changes in regulations; the failure to realize anticipated benefits from completed acquisitions, divestitures or restructurings, or the possibility that such acquisitions, divestitures or restructurings could adversely affect Aeroflex; the loss of key employees; exposure to foreign currency exchange rate risks; and terrorist acts or acts of war. Such statements reflect the current views of management with respect to the future and are subject to these and other risks, uncertainties and assumptions. Aeroflex does not undertake any obligation to update such forward-looking statements.