

PRESS RELEASE

August 2008



AIM-USA Develops AS5653 Protocol Compliance Tester

AIM-USA, manufacturer of Avionics Test & Simulation Products for Fibre Channel, MIL-STD-1553, ARINC429, AFDX, and ARINC-664 products has developed a Software Protocol Test Product for FC-AE-1553 specifically profiled for AS5653 (aka HS1760). The Protocol Test Software is hosted on the AIM-USA APG-FC4-2GB Simulyzer tester card. The combination of the Protocol Test Software and the hardware has been named APG-SDK-FCAE1553.

The APG-SDK-FCAE1553 is designed to fully test protocol compliance to FC-AE-1553 as profiled by SAE AS5653. The product is capable of testing and emulating the following functions:

- Network Terminal
- Network Controller
- Network Monitor

The APG-SDK-FCAE1553 includes Analyzer display software for the FC-AE-1553 protocol. It also includes a fully documented Windows based API for integration into a larger test system.

AS5653 (High Speed 1760) is a recently published SAE International standard that defines communications between aircraft and weapons systems. AS5653 defines a digital data command and control interface similar to MIL-STD-1553 based on Fibre Channel protocol but operating at a 1-gigabaud data rate.

The AIM-USA APG-SDK-FCAE1553 product, according to Gary Warden, AIM-USA's Vice President of Business Development and SAE committee member, "defines a baseline test platform for companies developing aircraft/platforms, carriage systems, and mission stores to test compliance with the AS5653 high-speed Fibre Channel network." This product, he said, was initiated at the request of the U.S. Army Redstone Arsenal. It is



being initially delivered to the US Army so they can perform compliance testing of AS5653 data to weapon systems through new platforms.

AIM-USA was incorporated in October 2000, and is a U.S. employee owned company, based in Omaha, Nebraska.

AIM-USA

Bill Fleissner - General Manager

3703 North 200th Street Omaha, NE 68022

Tel: 402-763-9644 Fax: 402-763-9645

Email: salesusa@aimusa-online.com

Also visit us at: www.AIMUSA-Online.com