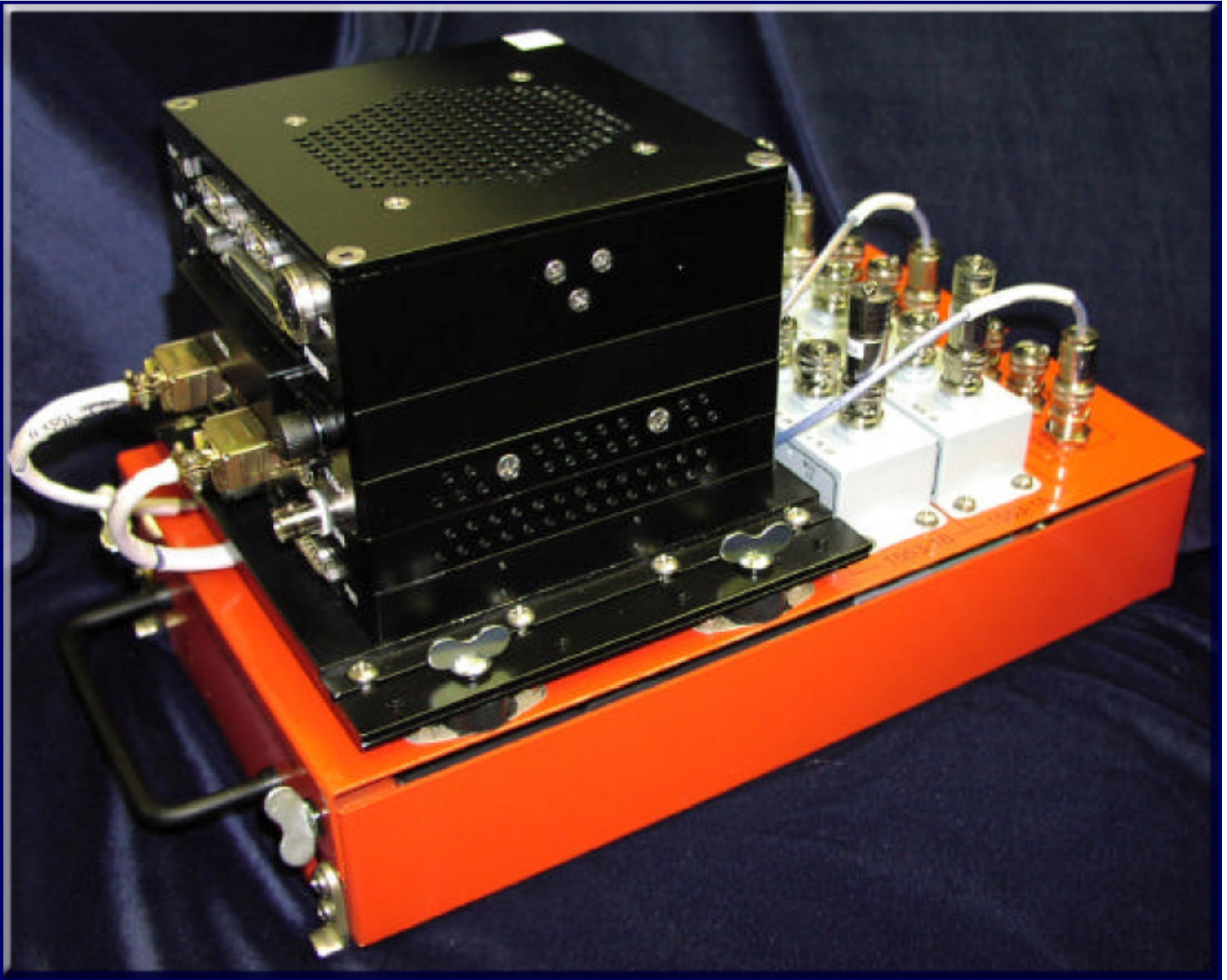


PRODUCTS AND SERVICES

Ruggedized Data Acquisition System (RDAS)

SSAI was tasked by the C-141 Program Management Directorate (WR-ALC/LJ) to develop a flight test data collection capability which is referred to as the Ruggedized Data Acquisition System (RDAS). The RDAS supports maintenance and operational testing of the C-141C All Weather Flight Control System (AWFCS) upgrades. RDAS can be temporarily installed under the flight deck during test sorties and requires no operator intervention to perform its function. RDAS automatically collects MIL-STD-1553B data bus message traffic and converts the raw data to engineering units for troubleshooting purposes. RDAS was designed and integrated by SSAI. It uses a data MARS104 flight data recorder assembly manufactured by Ampol Technologies Ltd. The data MARS is integrated with MIL-STD 1553 data bus cabling and connections, a mounting/support shelf, and required interfaces for power. The system is fully documented and certified for aircraft use.



SUPPORT SYSTEMS ASSOCIATES, INC.

