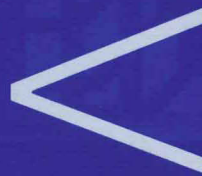


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T25



SCADC

STANDARD
CENTRAL
AIR DATA
COMPUTER

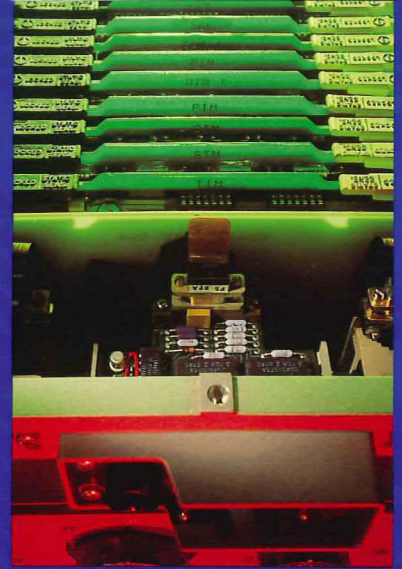


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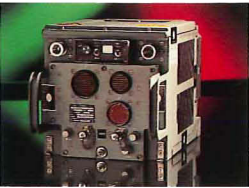
GEC AVIONICS



SCADC

SCADC is a family of modern digital air data computers (ADCs), in quantity production and in service on a wide range of aircraft.

The intelligent application of technology



CPU-140/A

CORE MODULES



TRANSDUCER



PSM



ELECTRONIC ASSYS

NON CORE



CPU-141/A

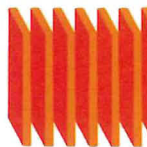
CORE MODULES



TRANSDUCER



PSM



ELECTRONIC ASSYS

NON CORE



CPU-142/A

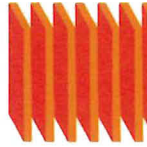
CORE MODULES



TRANSDUCER



PSM



ELECTRONIC ASSYS

NON CORE



CPU-143/A

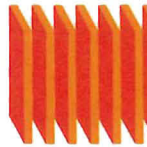
CORE MODULES



TRANSDUCER



PSM



ELECTRONIC ASSYS

NON CORE



CPU-152/A

CORE MODULES



TRANSDUCER



PSM



ELECTRONIC ASSYS

NON CORE



CPU-175/A

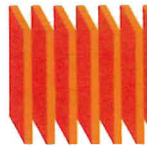
CORE MODULES



TRANSDUCER



PSM



ELECTRONIC ASSYS

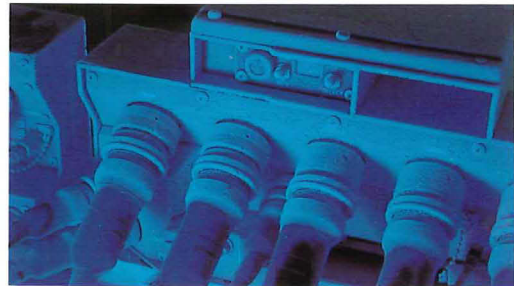
NON CORE



Based on a standard set of core modules SCADC provides all ADC functions and interfaces. Special modules are added to meet the unique requirements of a particular aircraft, thus providing a Form, Fit and Function replacement requiring no airframe changes. Module commonalities of over 80% are achieved resulting in significant Life Cycle Cost (LCC) benefits. Over forty variants are currently retrofitted with just six SCADC configurations.

Flight Line Maintenance is reduced by high reliability and effective Built In Test (BIT). Diagnostic facilities provided by BIT include a non-volatile memory which stores detected faults for post flight analysis. The proven and guaranteed reliability of SCADC, together with a complete Integrated Logistic Support package has resulted in a two level maintenance concept for the United States Air Force and Navy.

Thirty years of air data experience, together with innovative design, cost effective production, and proven management techniques, guarantee that programme goals are achieved.



This document gives only a general description of the product(s) and shall not form part of any contract. From time to time changes may be made in the product(s) or in the conditions of supply.

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