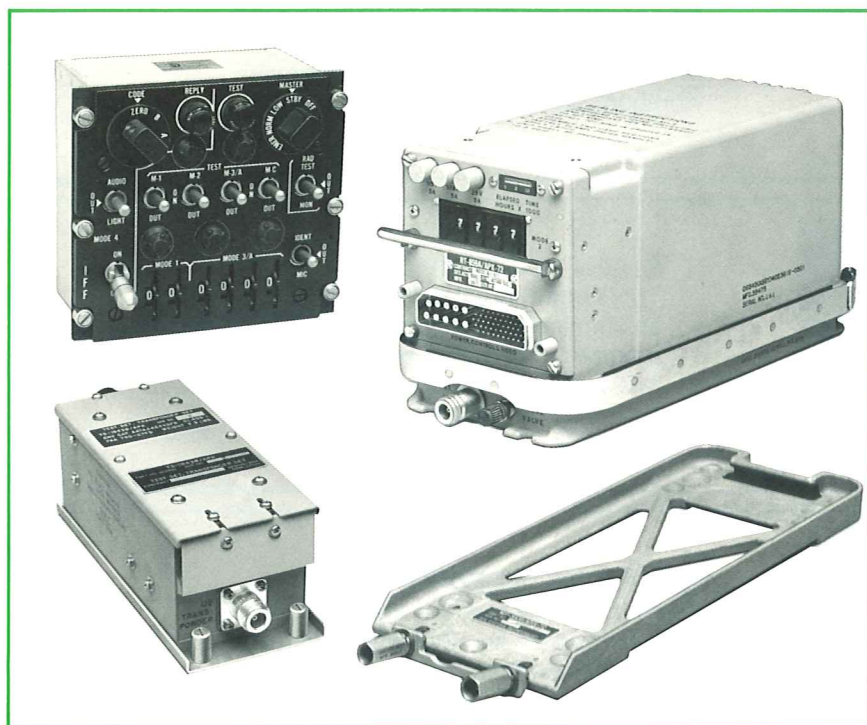




REX SYSTEMS INCORPORATED

AN/APX-72

IDENTIFY FRIEND OR FOE (IFF) TRANSPONDER SYSTEM



FEATURES

- THE WORLD'S MOST WIDELY USED MILITARY TRANSPONDER SYSTEM
- MARK XII IFF PERFORMANCE
- DOD AIMS 65-1000 COMPLIANCE
- PROVEN DESIGN - OVER 30,000 INSTALLATIONS
- COMPLETE SPARES AVAILABILITY
- FACTORY SERVICE AVAILABLE

APPLICATIONS

The Rex Systems AN/APX-72 Transponder System provides an integrated system for military and civilian vehicle identification, traffic control and altitude reporting in suitably equipped aircraft. The system may be installed in fixed or rotary winged aircraft as

well as ships requiring identification. The system operates on mode 1, 2, 3/A, C and 4. System components are designed for easy interconnection and installation.

SYSTEM COMPONENTS

Transponder



RT859A/APX-72

Transponder - RT859A/APX-72
The foundation of the AN/APX-72 system. Receives the IFF interrogation signal, decodes and processes the signal and transmits the appropriate coded reply.

Mount



MT3809/APX-72

Mount - MT3809/APX-72
The die cast mount provides a rigid platform for transponder mounting allowing easy removal without vehicle alteration. MT3948/APX-72 is the same mount with vibration isolators installed.

Transponder Control



C-6280A(P)/APX

Control - C-6280A(P)/APX
This control provides the pilot/operator with an illuminated panel for the operation and monitoring of the transponder functions. Self test and mode 4 reply lights are provided. Also may be used on APX-64.

Transponder Test Set



TS-1843B/APX

Test Set - TS-1843B/APX-72
As an in-flight tester, this device interrogates the transponder and indicates satisfactory performance on the control. Also will evaluate the transponder's replies to external IFF challenges. Mounts on MT-3513/APX.

ACCESSORY EQUIPMENT

- Antenna - Airborne AT-741/APX
- Antenna - Shipboard AS-177B/UPX
- Power Supply - Shipboard PP-6099A/APX-72
- Mating Connectors
- Interconnect Cable
- Extender Cards

SERVICES

- Factory Service
- Full Spares Support



REX SYSTEMS INCORPORATED

ROUTE 7 BOX 459A DATA DRIVE
CHIPPEWA FALLS, WISCONSIN 54729

• Contract Manufacturer - Military Electronics • MFR CODE 59475