

AN/ARC-182(V) Radio Set

Status: STD-To be determined; NSN: To be determined

Reference: TB 43-0123

General Information

The AN/ARC-182(V) VHF/UHF family of radio receiver-transmitters consists of multimode, multichannel, air-to-air/air-to-ground units that enable simplex operation in four bands. Transmitted or received intelligence can be tone or voice in AM or FM bands. FSK is also available in FM bands. The receiver-transmitter may be used with ancillary equipment to provide FM phase-front homing and AM ADF. The AN/ARC-182(V) also contains a thorough built-in test system, including both continuous monitoring and manually selected built-in test.

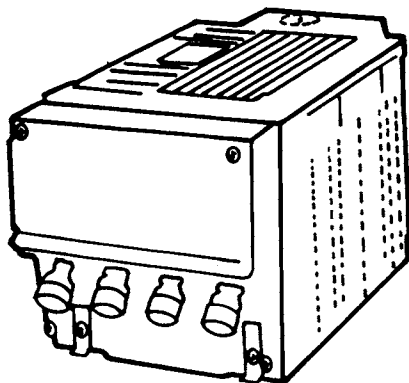
Major Components

| | |
|--|--|
| 1 Receiver Transmitter RT-1360A/ARC | 1 Receiver-Transmitter RT-1250A/ARC |
| 1 Receiver-Transmitter RT-1324A/ARC | 1 Indicator ID-2121A/ARC |
| | 1 Control C-10319A/ARC |

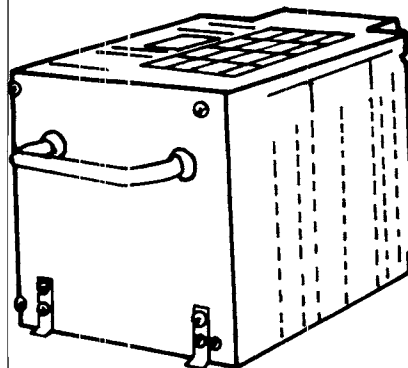
Technical Characteristics

| | |
|-------------------------|---|
| Frequency Range----- | 30 to 400 MHz-AM/FM |
| Planning Range----- | LOS: 0 to 150 miles from ground station; 0 to 300 miles air-to-air at frequencies above 117.975 MHz |
| Number of Channels----- | 11,960 (28 may be preset) |
| Power Input----- | 28 V DC |
| Power Source----- | Aircraft power system |
| Power Output----- | 10 W AM, 15 W FM |
| Security Equipment----- | TSEC/KY-28, TSEC/KY-58 |
| Weight----- | Receiver-transmitter, 4.54 kg (10.0 lb); control unit, 1.36 kg (3.0 lb); indicator, .5 kg (1.1 lb) |

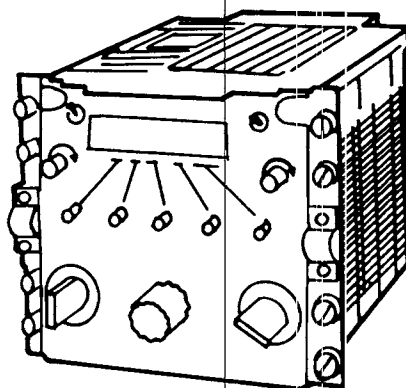
AN/ARC-182(V) Radio Set



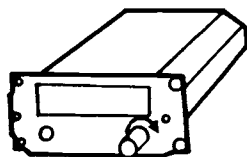
RT-1250A/ARC



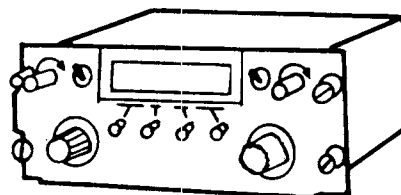
RT-1360A/ARC



RT-1324A/ARC



ID-2121A/ARC



C-10319A ARC