

AN/ARN-82() Radio Receiving Set

Status: STD-B; NSN: 5826-00-402-5318 (AN/ARN-82)
 STD-B; NSN: 5826-00-168-8699 (AN/ARN-82A)
 STD-A; NSN: 5826-00-070-4066 (AN/ARN-82B)

Reference: TB 43-0123
 TM 11-5826-226-20
 TM 11-5826-226-34

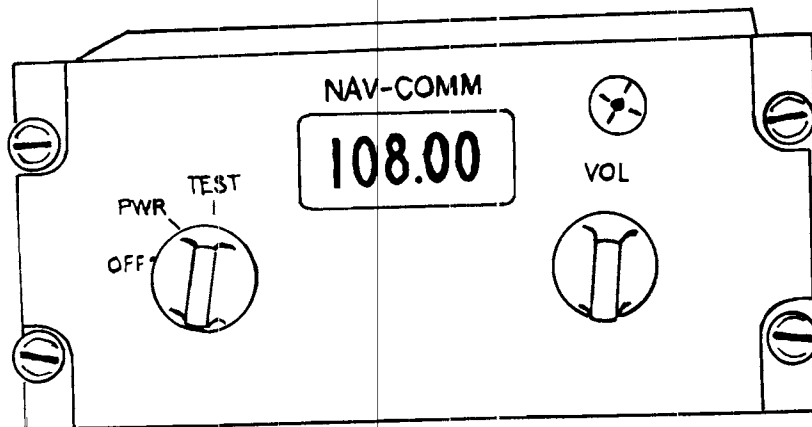
General Information

The AN/ARN-82() receives VOR and localizer signals from a ground transmitter, demodulates the signals, and uses them to drive course selector indicators and radio magnetic indicators. Audio signals may also be received in the communications band from 118.00 to 126.95 MHz. GS information is fed to the course indicator from a separate GS receiver which is controlled by the AN/ARN-82(). The combination of the localizer capability and GS capability makes up the ILS. The AN/ARN-82A differs from the AN/ARN-82 in that the AN/ARN-82A operates where rotor modulation of the VOR signal is prevalent. The AN/ARN-82B differs from the previous radio receiving sets in that the ILS and DME capability (from associated receivers) has been increased to twice as many channels by changing the channel space using Radio Set Control C-6873B/ARN-82.

Technical Characteristics

Frequency Range-----108.00 to 126.95 MHz
 Power Input-----28 V DC and 26 V AC, 400 Hz
 Power Source-----Aircraft power system
 Weight-----7.0 kg (15.3 lb)

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CONTROL, RADIO SET
C-6873/ARN-82()

