

Section VI. HF Radio

AN/GRC-26D Radio Set

Status: STD-F; NSN: 5815-00-518-0398

Reference: TM 11-5820-256-10

General Information

The AN/GRC-26D is a high-power, shelter-mounted, RATT station designed for use in mobile, fixed, or semifixed application. In addition to the RATT operation, it is also capable of AM voice and CW communications. Facilities are provided for secure operation in the FSK mode by using Electronic Teletypewriter Security Equipment TSEC/KW-7. However, current tactical speech security equipment is not compatible with the AN/GRC-26D; therefore, secure voice is not a mode of operation. The AN/GRC-26D has been replaced by Radio Teletypewriter Set AN/GRC-122.

Major Components

1 Transmitter T-368	2 Teletypewriters TT-98
2 Receivers R-390	1 Teletypewriter TT-76
1 Modulator MD-239	1 Radio Frequency Tuner TN-339
1 Converter CV-116	

Technical Characteristics

Frequency Range:

Transmit-----	1.5 to 20 MHz
Receive-----	.5 to 32 MHz
Planning Range-----	1,600 km (994.2 mi)
Number of Channels-----	NA (continuous tuning)
Power Input-----	115 V AC, 50 to 60 Hz
Power Source-----	PU-619 or PU-294
Power Output-----	0.1A1, 1.1A1, 450 W; 6A3, 400 W
Antenna-----	4.57 m (15 ft) whip or doublet/long-wire
Tuning-----	Continuous
Diversity Operation-----	Capability for space diversity operation with two receiving antennas spaced 183 to 274 m (600 to 900 ft) apart
Type of Service-----	Transmit, 6K00A3E, 100HA1A, 1K10A1A; receive, 6K00A3E, 100HA1A, 1K10A1A, 3K00R3E
Weight-----	2,570 kg (5,654 lb)

AN/GRC-26D Radio Set

