

Section II. AM Radio Sets

AN/FRC-93V Radio Set (Models 1 through 7)

Status: STD-A; NSN: 5820-01-054-9106 (Model 1)
 STD-A; NSN: 5820-01-052-1438 (Model 2)
 STD-A; NSN: 5820-01-052-1439 (Model 3)
 STD-A; NSN: 5820-01-053-5535 (Model 4)
 STD-A; NSN: 5820-01-052-1440 (Model 5)
 STD-A; NSN: 5820-01-052-1441 (Model 6)
 STD-A; NSN: 5820-01-052-1442 (Model 7)

Reference: TM 11-5820-554-12

The AN/FRC-93 is an HF commercial radio set adapted for military use. It can operate on either USB, LSB, or CW and is designed to be used in three different categories: transportable, fixed station, and mobile. There are seven configurations to choose from with this radio set. Current tactical speech security equipment is not compatible with the AN/FRC-93.

Technical Characteristics

Frequency Range-----3.4 to 5.0 MHz and 6.5 to 30 MHz
 Planning Range-----Ground wave, 80 km (50 mi); sky wave,
 see intermediate sky wave propagation
 chart, FM 11-486-6
 Number of Channels-----28 200-kHz bands in 3.4 to 5.0 and 6.5
 to 30 MHz region, continuous tuning
 within bands
 Power Input-----110/220 V AC, 50 to 400 Hz or 12 V DC
 (Power Supply, Collins Model MP-1 is
 required for DC operations)
 Power Source-----Any appropriate AC power source or Power
 Supply, Collins Model MP-1
 Power Output-----RT-718, 100 W PEP; RT-718 with AM-3979,
 1,000 W PEP
 Antenna-----Quarter-wave whip or doublet antenna; no
 matching unit available; requires a
 nominal 52-ohm unbalanced load
 Tuning-----Continuous in 200-kHz bands using CK-31
 Weight-----43.1 kg (95 lb)

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