

## AN/TRC-121 Radio Terminal Set

Status: STD-A; NSN: 5820-00-168-1562

Reference: TM 11-5820-602-15

### General Information

The AN/TRC-121 is an air- or vehicular-transportable radio terminal which provides a tropospheric scatter capability in corps and above command systems. It terminates two 12- or 24-channel PCM voice systems when used in conjunction with telephone terminals such as AN/TCC-60 or AN/TCC-61. An AN/GRC-106 radio is provided for alignment of the AN/GRC-143 system and for communications while mobile.

### Major Components

1 Shelter S-338/TRC-121 (modified S-280/G)	1 Radio Set AN/GRC-106
2 Radio Sets AN/GRC-143	1 Telephone Set TA-312/PT
1 Power Supply PP-4763A/GRC	2 Antenna Groups AN/TRA-37
2 Converters CV-425/U	1 Intercommunications Station LS-147F/FI

### Technical Characteristics

Power Requirement-----	115 or 230 V AC, 50 to 60 Hz
Power Consumption-----	23,400 W
Weight-----	2,338 kg (5,150 lb)
Vehicular Requirement-----	One 2 1/2-ton truck (AN/TRC-121) One 2 1/2-ton truck (AN/TRA-37)

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