

**AN/TRC-117(V)1 and AN/TRC-117(V)2  
Radio Terminal Sets**

• CORPS LEVEL-

*AN/TRC 151(V) HAS / IS REPLACING THIS*

Status: STD-A; NSN: 5820-00-167-7936

Reference: TM 11-5895-366-14-2

General Information

The AN/TRC-117(V) is an air- or vehicular-transportable PCM radio terminal set. It provides either one 24-channel; or two 12-channel cable terminals; or LOS radio terminals. The AN/TRC-117 is used in corps and above. The difference between models is the AN/TRC-117(V)1 uses low band radio equipment, LO-BAND components, and the AN/TRC-117(V)2 uses high band radio equipment, HI-BAND components. The AN/TRC-117(\*) is housed in a Shelter S-330, S-330A, or S-330B. The S-330B is the only model shelter that contains a patch panel.

Major Components

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|--|--|
| 1 Shelter S-330/TRC-117(V)<br>(modified S-280/G) | 2 Multiplexers TD-202/U  |
| 2 Radio Sets AN/GRC-50                           | 1 Telephone Set TA-312/PT                                      |
| 2 Antennas AT-903                                | 2 Converters CV-1548/G   |
| 2 Antenna Masts AB-577                           | 2 Security Equipment<br>TSEC/KG-27 (not a basic<br>issue item) |
| 2 Multiplexers TD-352/U                          | 1 Intercommunications Station<br>LS-147F/FI                    |
| 2 Multiplexers TD-204/U                          |  |

Technical Characteristics

Power Requirement-----115 V AC, 50 to 60 Hz  
 Power Consumption-----5,080 W  
 Weight-----2,306 kg (5,080 lb)  
 Vehicular Requirement-----One 2 1/2-ton truck

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