

**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)
(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
TSEC/KG-27 (not a basic
issue item) |
| 2 Multiplexers TD-352/U | 1 Intercommunications Station
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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