

Section II. Teletypewriter AN/MGC-17 Teletypewriter Central Office

Status: STD-B; NSN: 5815-00-926-0162

Reference: TM 11-5815-205-14

General Information

The AN/MGC-17 is an air- or vehicular-transportable VF telegraph switching center. It is used as a telegraph central office in a division area of an area communications system. It provides one secure full-duplex or two secure half-duplex circuits when TSEC/KW-7 security equipment is installed. It provides 12 lines for switching telegraph transmission from other components in an area system or from local subscribers. The AN/MGC-17 is being replaced by the AN/TGC-30.

Major Components

1 Switchboard SB-22/PT	2 Reperforator-Transmitters TT-76/GGC
3 Telegraph Terminals TH-5/TG or TH-22/TG	2 Communications Security Equipment TSEC/KW-7 (not a basic issue item)
6 Converters TA-182/U or CV-425/U	1 Shelter S-169/MGC-17 (modified S-144/G)
1 Telephone Set TA-312/PT	
2 Teletypewriters TT-4/TG	

Technical Characteristics

Power Requirement-----115 V AC, 50 to 60 Hz
Power Consumption-----3,073 W
Weight-----635.6 kg (1,400 lb)
Vehicular Requirement-----One 1 1/4-ton truck

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