

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

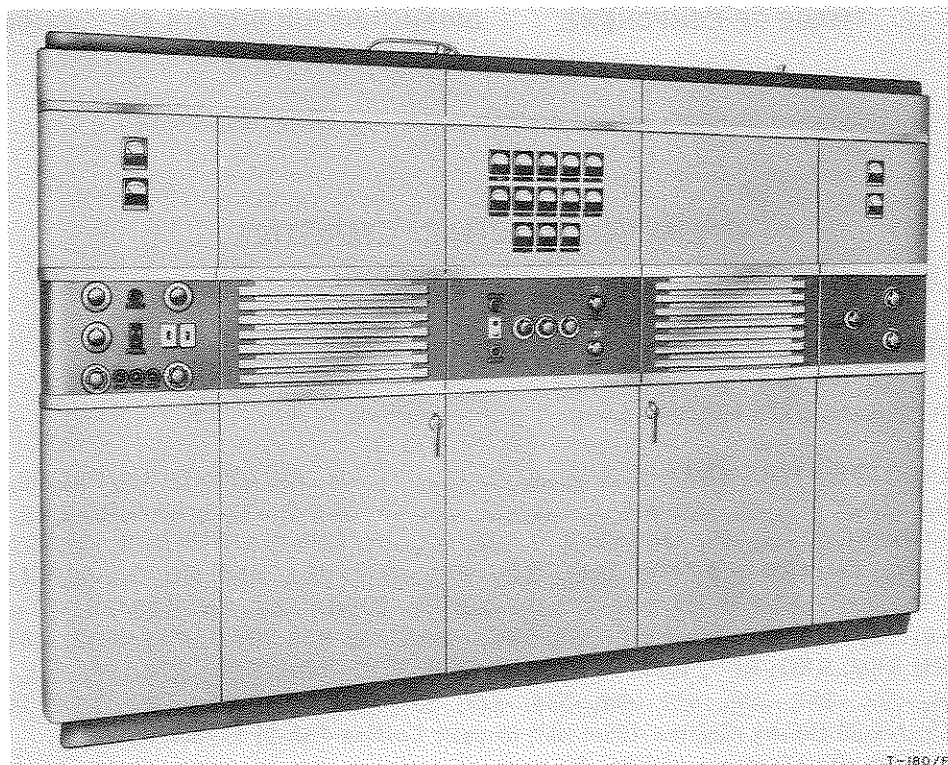
DATE OF THIS SHEET: 23 Jan 52

AN/FRT-TYPE

AN/COMP TYPE NUMBER:

T-180/FR

RADIO TRANSMITTER



T-180/FR

Radio Transmitter T-180/FR is a long-range, high-power, a-m (voice) transmitting equipment used for communication in the m-f and h-f bands in fixed station applications for point-to-point, ground-to-air, and broadcast purposes.

This equipment is a crystal-controlled transmitter which provides high-level, class B modulation and class C final.

It consists essentially of an assemblage of control and operating components inclosed in floor type steel cabinets.

It operates from a 220-v 50/60-cyc a-c source.

AN/FRT-TYPE		INSTRUCTION LITERATURE: None
T-180/FR	:AN/COMP TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
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(Equipment consists only of a single major operating component.)

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Permanent, long range, fixed station applications.

INSTALLATION: Ground, fixed.

APPROXIMATE RANGE (IN MILES): Long.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25, -26; AN/ARR-15; AN/FRC-10, AN/FRR-3, -4, -7, -12, -28, -32; AN/GRC-9, -13, -26; AN/GRR-2, -3, -5; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRR-3, -8, -12, -13, AN/TRQ-1; AN/URR-10, -22, -23; AN/VRC-1, -4; AN/VRR-2; BC-312, -342, -348, -779, -794, -1004; MBS; MQ; OA -58/FRC, -59/FRC R-62/PR, -80/PR, -96/SR, -129/U, -203/SR, -205/U, -206/PR, -208/FR, -209/FR, -210/U, -211/U, -213/SR, -274/FRR, -320/FRC, -388/URR; RAL; RAO; RAS; RBB; RBC; RBG; RBH; RBM; RBO; RBP; RBS; RCF; RCG; RCH; RDE; RDM; REA; SCR-177, -188, -193, -244, -274, -281, -399, -499, -506, -536, -543, -585, -593, -694, -704; TBO; TBX; TCH; TCP; TCS; AR-88 (RCA); Collins 18S-4 (AF Model); Collins 75A-2; Fisher TS 253; Hammarlund SP-600-JX; National HRO-50.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 2 - 22.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice.

POWER OUTPUT: 7.5 kw.

POWER REQUIREMENTS: 220 v, 50/60 cyc, 3 phase.

PHYSICAL CHARACTERISTICS

Radio Transmitter T-180/FR measures 122 x 90 x 49 inches.