



*Figure 3. Radio Receiving Equipment WECo D-150420,
component of Radio Set AN/FRC-7.*

Status: Standard. *Stock No.:* 2C4570 (Radio Receiving equipment WECo D-150420); 2C6842 (Radio Transmitting Equipment WECo D-150415).

Radio Set AN/FRC-7 is a v-h-f radio communication link system for a-m reception and transmission. The receiver and transmitter are mounted in an outdoor metal cabinet or a standard 19-inch relay rack. This equipment is used as a radio link suitable for multichannel telegraph, using v-f tones and combination voice and telegraph with suitable carrier equipment.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE: 132 to 156 mc.
ANTENNA: Antenna equipment WECo D-151625.
TYPE MODULATION: Amplitude.
FREQUENCY CONTROL: Crystal.
POWER SOURCE: Power unit WECo D-150416, 50- to 60-
cyc, 115-v, 390-w ac.
POWER OUTPUT: 12w.
RANGE: Line of sight.

GENERAL APPLICATION

USE: V-f and combination voice and telegraph when used
with proper equipment. A v-h-f communication system

for am. Used with, but not part of WECo +2B1 communi-
cation equipment, WECo model D-150415 radio trans-
mitting equipment, and WECo D-150420 radio receiving
equipment.

TO COMMUNICATE WITH: Radio link for multichannel
telegraph.

INSTALLATION: Fixed station.

TYPE OF SIGNAL: V-f and combination voice-telegraph.

PRINCIPAL COMPONENTS

Radio receiving equipment WECo D-150420.
Radio transmitting equipment WECo D-150415.