

## AN/FRN-41(V) Radio Transmitting Set

Status: STD-A; NSN: 5825-01-070-5843 (AN/FRN-41(V)1)  
STD-A; NSN: 5825-01-070-5842 (AN/FRN-41(V)2)

Reference: TM 11-5825-266-14-1

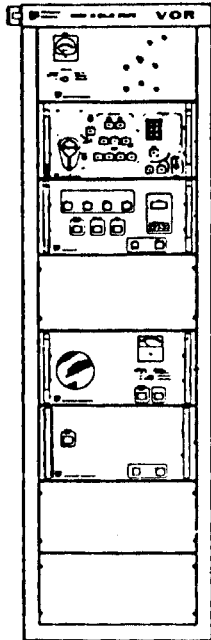
### General Information

The AN/FRN-41(V) is part of a ground station facility which transmits bearing information to en route aircraft. Cognizant aircraft personnel are then able to measure the angular position of the aircraft with respect to the VOR facility; using information received from two VOR facilities, the aircrafts position can accurately be determined by triangulation computations. Provisions are also made for voice transmission over the VOR and automatic identification of the facility.

### Technical Characteristics

Frequency Range-----	108 to 118 MHz
Planning Range-----	LOS
Power Input-----	115 V AC or 230 V AC
Power Output-----	50 W
Antenna-----	Input impedance 50 ohms

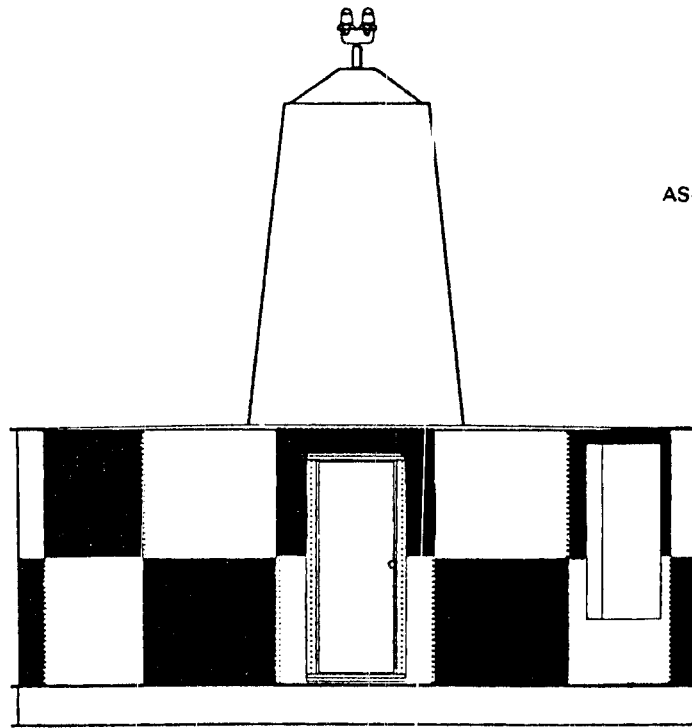
# AN/FRN-41(V) Radio Transmitting Set



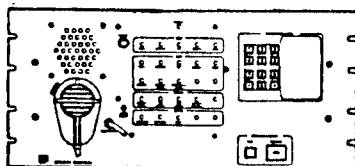
UNIT 1  
TRANSMITTER  
GROUP  
OT-117/FRN-41



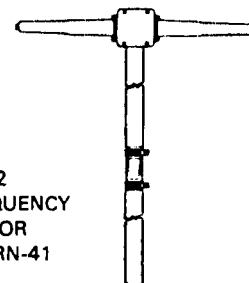
UNIT 3  
ANTENNA  
AS-3323/FRN-41



SHELTER  
S-597/FRN-41



UNIT 4  
CONTROL-INDICATOR  
C-10526/FRN-41



UNIT 2  
RADIO FREQUENCY  
DETECTOR  
DT-603/FRN-41