

## AN/APN-215(V) Airborne Weather Radar Set

Status: STD-R; NSN: 5841-01-093-1493 (AN/APN-215(V)1)  
STD-R; NSN: To be determined (AN/APN-215(V)3)

Reference: TM 11-5841-289-13

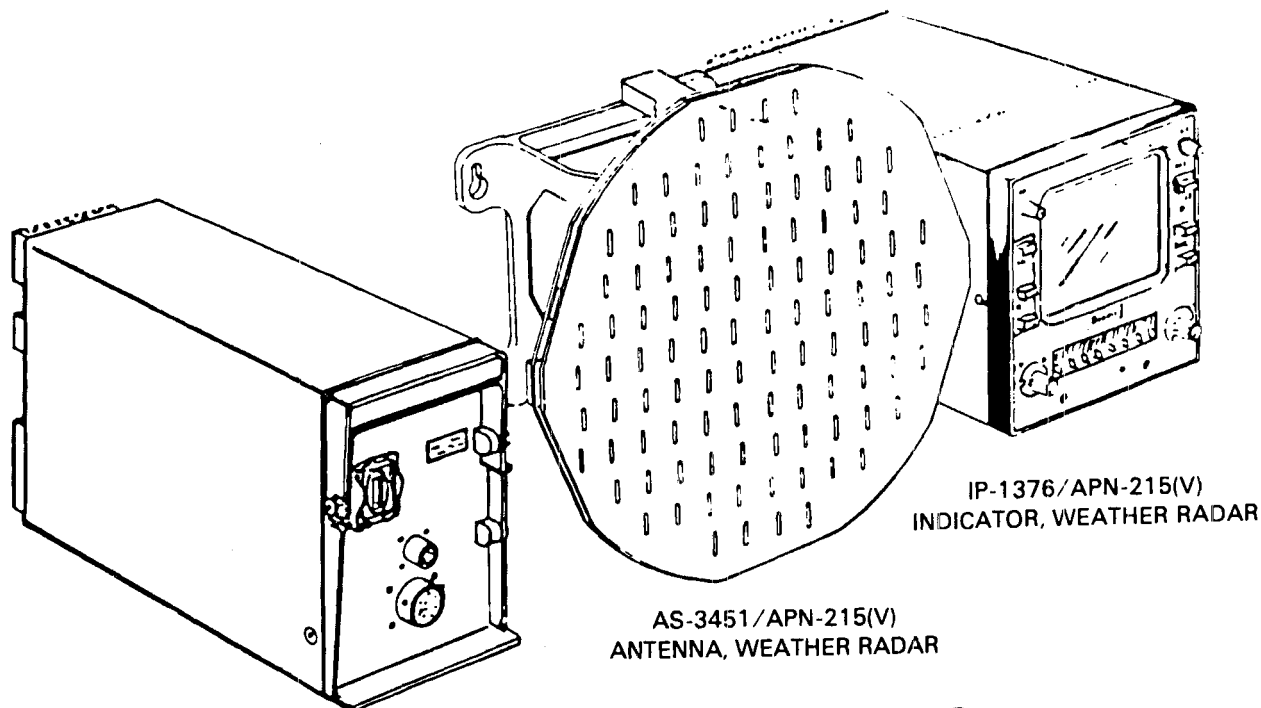
### General Information

The AN/APN-215(V) provides continuous en route weather information relative to cloud formation, rainfall rate, thunderstorms, and icing conditions. In addition to its primary purpose of weather mapping, the system can be used day or night for ground mapping even under adverse weather conditions. The ground mapping mode permits displaying prominent topographical features, such as, lakes, bays, islands, shorelines, and high ground.

### Technical Characteristics

Frequency Range-----9345 MHz  $\pm$ 40 MHz (X-band)  
Planning Range-----444.48 km (276.20 mi) maximum  
Power Input-----115 V AC, 3 VA, in phase with gyrosynchro  
excitation 28 V DC

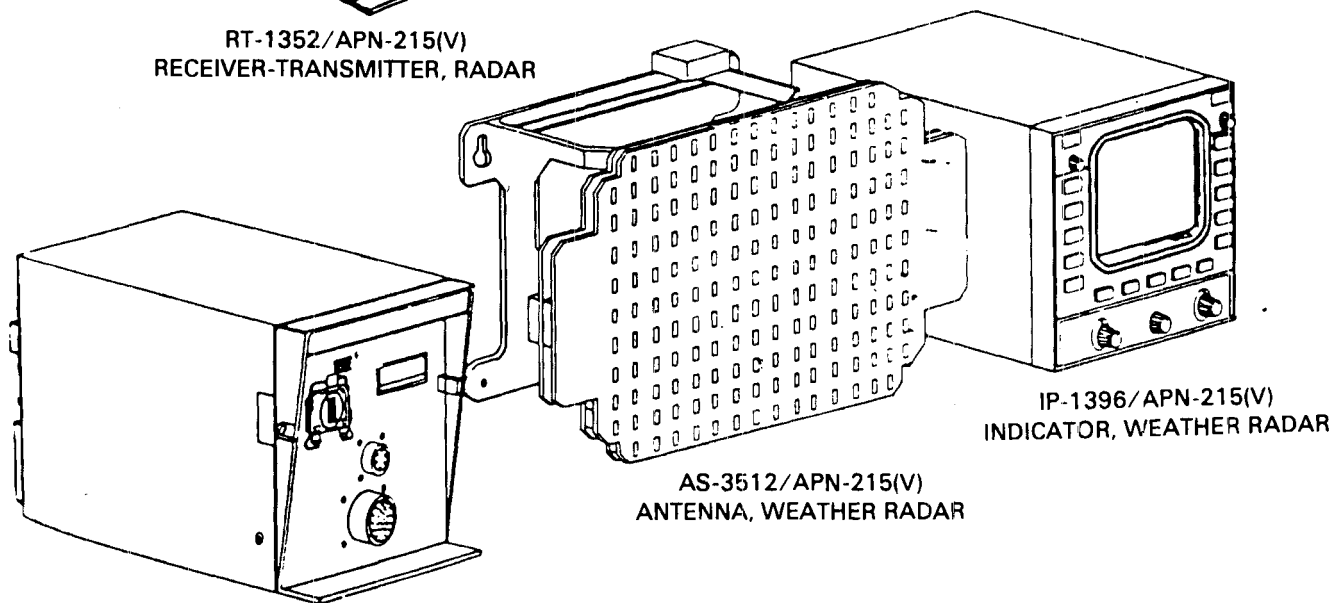
### AN/APN-215(V) Airborne Weather Radar Set



RT-1352/APN-215(V)  
RECEIVER-TRANSMITTER, RADAR

AS-3451/APN-215(V)  
ANTENNA, WEATHER RADAR

IP-1376/APN-215(V)  
INDICATOR, WEATHER RADAR



RT-1352/APN-215(V)  
RECEIVER-TRANSMITTER, RADAR

AS-3512/APN-215(V)  
ANTENNA, WEATHER RADAR

IP-1396/APN-215(V)  
INDICATOR, WEATHER RADAR