

**AN/ARN-103(V)  
Tactical Air Navigational Set**

Status: STD-R; NSN: 5826-00-167-1027

Reference: TM 11-5826-243-20

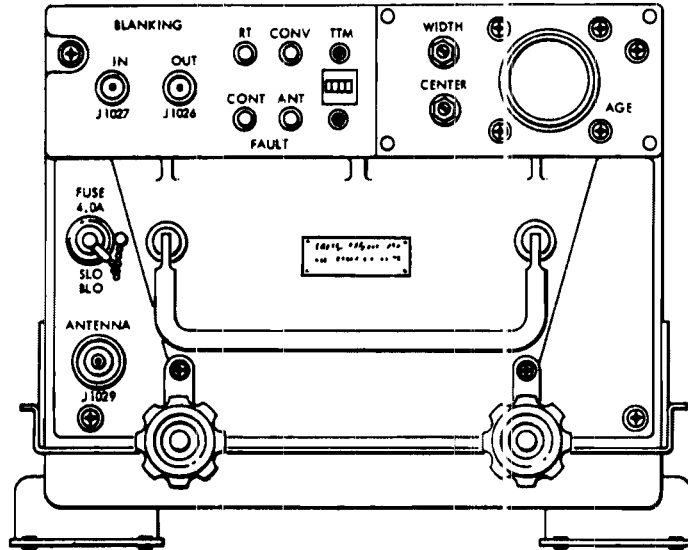
**General Information**

The AN/ARN-103(V) is a UHF receiver-transmitter TACAN set used to determine the bearing (in degrees), the slant range, and the receive and detect coded identification signals with respect to a surface beacon transponder.

**Technical Characteristics**

Frequency Range-----1025 to 1150 MHz  
Planning Range-----0 to 551.16 km (342.49 mi)  
Number of Channels-----126  
Power Input-----115 V AC, 400 Hz, single phase at 375 W,  
26 V DC at 62 W  
Power Source-----Aircraft power system  
Power Output-----1.5 to 4.0 kw  
Weight-----13.17 kg (29.0 lb)

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RT-105/ARN-103