

## AN/ARN-123(V) Radio Receiving Set

Status:     STD-R; NSN: 5826-01-016-2762 (AN/ARN-123(V)1)  
               STD-R; NSN: 5826-01-058-6800 (AN/ARN-123(V)3)  
               STD-R; NSN: 5826-01-070-4067 (AN/ARN-123(V)4)

Reference:  TB 43-0123  
               TM 11-5826-258-24

### General Information

The AN/ARN-123(V) receives automatic VOR bearing, MB position, localizer, and GS information for en route and terminal navigation and ILS approach and landing. The VOR/LOC receiver section processes VOR and LOC signals and provides outputs for driving the vertical needle of a course deviation indicator, radio magnetic indicators, and an audible identification of the complementary ground beacon. The GS receiver section processes GS signals and provides outputs for driving the horizontal needle of a course deviation indicator. The MB receiver processes MB signals and converts them to an output that drives a single MB lamp system (or optional three-lamp system) and provides audible beacon identification.

### Technical Characteristics

Frequency Range-----	VOR/LOC, 108.00 to 117.95 MHz; GS, 329.15 to 335.00 MHz; MB, 75 MHz
Number of Channels-----	VOR, 160; LOC, 40; GS, 40; MB, 1
Power Input-----	28 V DC; 26 V AC, 400 Hz
Power Source-----	Aircraft power system
Antenna-----	Depends on type of aircraft
Weight-----	5.5 kg (12.1 lb)

# AN/ARN-123(V) Radio Receiving Set

THIS IS A:  
CONTROL, RADIO SET  
C-10048/ARN-123(V)

