

View Online at <https://aerobasegroup.com/nsn/5820-01-158-6082>

**Dc Voltage Rating:**

Between 9.5 volts and 14.0 volts

**Maximum Power Dissipation Rating:**

500.0 milliwatts

**Joint Electronics Type Designation System Item Name:**

Radio set

**Joint Electronics Type Designation System Item Type Number:**

An/prc90-1

**Electrical Power Source Relationship:**

Operating

**Internal Battery Accommodation:**

Included

**Installation Design:**

Portable

**Transmitter Frequency Rating:**

243.000 megahertz and 282.800 megahertz

**Emission Type:**

A9 receiving and a9 transmitting

**Special Features:**

Designed to operate with a ba-1568/u battery, see mil-r-81493 for detail specifications

**Functional Description:**

Provides an emergency beacon tone transmission at 243.0mhz, a keyed tone modulated continuous wave 243.0mhz, and 2-way am wave voice communications at 243.0mhz and 282.8mhz

**Reference Data And Literature:**

Air force t.O. 31r2-2pr-104

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T198-b