

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