

View Online at <https://aerobasegroup.com/nsn/5820-01-397-2867>

**Dc Voltage Rating:**

12.5 volts

**Maximum Power Dissipation Rating:**

10.0 watts

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

Radio set

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

An/prc-117d

**Electrical Power Source Relationship:**

Operating

**Internal Battery Accommodation:**

Included

**Receiver Frequency Rating:**

Between 30.0 megahertz and 90.0 megahertz and 116.0 megahertz and 174.0 megahertz and 225.0 megahertz and 420.0 megahertz

**Transmitter Frequency Rating:**

Between 30.0 megahertz and 90.0 megahertz and 116.0 megahertz and 174.0 megahertz and 225.0 megahertz and 420.0 megahertz

**Frequency Band Type And Quantity:**

3 receiving and 3 transmitting

**Emission Type:**

F3 receiving and f3 transmitting

**Special Features:**

Modulation: vh (low), fm(5 or 8khz deviation)/vhf(high), am(90%) & fm(5 or 8khz deviation)/uhf, am(90%) & fm(5 or 8khz deviation) ,  
modes of operation: simplex, half-duplex, eccm-frequency hopping, plain text voice/data, asynchronous data up to 16k baud,  
synchronous data at 16k baud, dimensions: 3in high x 7.9in wide x 13.6in deep

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T198-b