

View Online at <https://aerobasegroup.com/nsn/5821-01-097-6338>

**Overall Length:**

8.344 inches

**Overall Height:**

4.875 inches

**Overall Width:**

5.750 inches

**Dc Voltage Rating:**

28.0 volts

**End Application:**

Radio set, an/arc-16 (v)

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

Receiver-transmitter, radio

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

Rt-1168a/arc-16 (v)

**Electrical Power Source Relationship:**

Operating

**Transmitter Band Quantity:**

1

**Transmitter Channel Quantity:**

7000

**Receiver Band Quantity:**

1

**Receiver Channel Quantity:**

7000

**Power Output:**

10.000 watts

**Installation Design:**

Airborne

**Input Frequency Rating:**

Between 225.000 megahertz and 399.975 megahertz

**Output Frequency Rating:**

Between 225.000 megahertz and 399.975 megahertz

**Transmitter Emission Type:**

A2 and a3

**Receiver Emission Type:**

A2 and a3

**Functional Description:**

Capable of being operated as a complete entity; front panel contains all controls required to operate unit; lighting color and voltage reqd to operate panel lights designated by code no. In lower right front corner of unit; code 801, 28v, red; code 802, 28v, white; code 803, 5v, red; code 804, 5v, white; code 805, 5v, blue/white; aluminum case

**Relationship To Similar Equipment:**

One-way interchangeable with rt-1168/arc-16 (v), rt-1168b/arc-164(v), rt-1168c/arc-164(v)

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T199-d