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**Ac Voltage Rating:**

Between 195.0 volts and 255.0 volts

**Frequency Rating:**

Between 50.0 hertz and 60.0 hertz

**Accessory Component Quantity:**

1 and 1 and 1 and 2 and 1 and 1 and 1 and 1 and 2 and 1 and 1 and 2 and 1 and 1 and 1 and 2 and 1 and 1 and 1

**Document Source:**

80058

**Document Type:**

Nomenclature card

**Document Identification:**

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1

**Accessory Controlling Agency:**

Wilcox electric inc.

**Accessory Identifying Number:**

-57d model no. And 342b model no. And 468 model no. And 461 model no. And 477 model no. And 117598 type no. And 97726 type no. And 38a model no. And 407 model no. And 474 model no. And 118692-0001 type no. And 406 model no. And 97227 type no. And 478 model no. And 68212 type no. And 462a model no. And 422 model no. And 037038-0100 type no. And 560 model no.

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

Transmitting set, radio

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

An/frn-31a

**Electrical Power Source Relationship:**

Operating

**Power Output:**

50.000 watts

**Emission Type:**

A2 and a3

**Frequency Band Quantity:**

1

**Channel Quantity:**

1

**Operating Frequency:**

Between 108.000 megahertz and 118.000 megahertz

**Frequency Control Type:**

Crystal

**Accessory Component Name:**

Amplifier; amplifier; antenna; modulation eliminator; monitor; phasing and relay assembly; power control unit; power supply; power supply; remote control dialing unit; tacan keying unit; vhf transmitter; voltage regulator; field detector; capacitor control kit; goniometer; identification monitor; keyer; local control unit

**Phase:**

Single

**Fsc Application Data:**

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T199-c