

View Online at <https://aerobasegroup.com/nsn/5825-00-505-0397>

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

Document Source:

80058

Document Type:

Nomenclature card

Document Identification:

An/frn-31

Component Document Page Number:

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 68221-1 type no. And 97726 type no.

And 38a model no. And 407 model no. And 474 model no. And 90a model no. And 406 model no. And 97227 type no. And 68212 type no.

And 478 model no. And 462a model no. And 422 model no. And 501 model 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-31

Electrical Power Source Relationship:

Operating

Power Output:

50.000 watts

Emission Type:

A2 and a3 and a9b and f9

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 kit; power control unit; power supply; power supply; remote control dialing unit; tone oscillator; vhf transmitter; voltage regulator; capacitor control kit; field detector; goniometer; identification monitor; keyer; local control unit

Phase:

Single

Esc Application Data:

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

T199-c