

View Online at <https://aerobasegroup.com/nsn/5821-01-420-9652>

Overall Length:

9.880 inches

Overall Height:

4.730 inches

Overall Width:

5.000 inches

Dc Voltage Rating:

Between 22.0 volts and 33.0 volts

Cubic Measure:

233.662 cubic inches

End Application:

Radio set, an/arc-222

Joint Electronics Type Designation System Item Name:

Receiver-transmitter, radio

Joint Electronics Type Designation System Item Type Number:

Rt-1704/arc-222

Electrical Power Source Relationship:

Operating

Internal Battery Accommodation:

Not included

Transmitter Band Quantity:

2

Transmitter Channel Quantity:

25

Receiver Band Quantity:

2

Receiver Channel Quantity:

25

Power Output:

10.000 watts

Installation Design:

Airborne

Input Frequency Rating:

Between 30.000 megahertz and 87.975 megahertz and 108.000 megahertz and 151.975 megahertz

Output Frequency Rating:

Between 30.000 megahertz and 87.975 megahertz and 116.000 megahertz and 151.975 megahertz

Transmitter Emission Type:

A3 and a9 and a2j and p3f and f2

Receiver Emission Type:

A3 and a9 and a2j and p3f and f2

Vehicle For Which Designed:

Aircraft

Criticality Code Justification:

Feat

Special Features:

Electrostatic discharge sensitive; mil-std-1553 remote control capability, sincgars-v compatible, ds-102a full port, on-line & off-line built-in-test, am & fm

Functional Description:

Provides voice & data communications in a single fixed frequency or eccm frequency hopping mode; intended use as a replacement for the an/arc-186 & provides interoperability to the rt-152 (c) /u in the 30 mhz-87.975 mhz band in sc on fh modes of operation

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

T199-d