

View Online at <https://aerobasegroup.com/nsn/5840-01-093-4683>

Overall Length:

35.375 inches

Overall Height:

26.125 inches

Overall Width:

31.125 inches

Ac Voltage Rating:

Between 120.0 volts and 208.0 volts

Dc Voltage Rating:

Between 5.0 volts and 28.0 volts

Frequency Rating:

Between 45.0 hertz and 420.0 hertz

End Application:

Airport surveillance radar, an/tpn-24

Joint Electronics Type Designation System Item Name:

Receiver-transmitter, radar

Joint Electronics Type Designation System Item Type Number:

Rt-1087a/t

Electrical Power Source Relationship:

Operating

Internal Battery Accommodation:

Not included

Transmitted Signal Frequency Rating:

Between 2.7 gigahertz and 2.9 gigahertz

Received Signal Frequency Rating:

74.0 megahertz

Phase:

Three

Functional Description:

Contains receiver circuits which provide video signals that are processed by other equipments of the radar, to provide the capability of detecting aircraft and displaying the video on ppi's; transmitter section produces rf pulses that are coupled through microwave circuits to antenna for radiation into space; designed for fixed base or mobile base installations

Relationship To Similar Equipment:

Similar to receiver-transmitter rt-1087/t, p/n 347105-1

Supplementary Features:

Rack mounted

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

T208-a