NSN 5840-01-093-4683

Radar Receiver-transmitter - Page 1 of 1



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:**

Fiig: T208-a

Demilitarization: Yes - demil/mli