

View Online at <https://aerobasegroup.com/nsn/5840-01-158-2742>

Overall Length:

60.000 inches

Overall Height:

60.000 inches

Overall Width:

60.000 inches

Ac Voltage Rating:

110.0 volts

Frequency Rating:

60.0 hertz

End Application:

5840-01-158-2742, radar transmitting set, an/tpt-4

Joint Electronics Type Designation System Item Name:

Transmitting set, radar

Joint Electronics Type Designation System Item Type Number:

An/tpt-4

Electrical Power Source Relationship:

Operating

Usage Design:

Unmanned threat emitter

Transmitted Signal Frequency Rating:

Between 2.7 gigahertz and 15.2 gigahertz

Integral Modulator:

Included

Pulse Duration:

0.8 microseconds

Power Output:

6.0 watts

Installation Design:

Transportable

Phase:

Single

Special Features:

Platform will accept mobilizer or slings for lifting; transmits only

Functional Description:

Consists of master control unit and 1 to 5 remote emitters; mcu can receive azimuth data from up to 5 tracking sources and transmit it along with other control data to remote units, at the same time monitoring remote units; remote emitters are self-contained and can be deployed up to 15 miles from master unit; it emits rf energy that appears to aircraft that it is being tracked by a hostile radar

Supplementary Features:

Pri 150 to 650 usec; pulse width 0.20 to 0.80 usec; duty cycle maximum 0.001; peak power min 125 kw; generators provisioned as part of units; master control unit 30" x 30" x 30", 80 lbs; remote control emitters each have 3 containers 30" x 30" x 30", 80 lbs, 1 pedestal 45 lbs, antenna 45 lbs; platform mounted

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

Yes - demil/mli

Fig:

T208-a