

View Online at <https://aerobasegroup.com/nsn/5840-01-337-3590>

Ac Voltage Rating:

Between 120.0 volts and 208.0 volts

Frequency Rating:

60.0 hertz

End Application:

Radar system, an/fps-11 (v)

Joint Electronics Type Designation System Item Name:

Radar system

Joint Electronics Type Designation System Item Type Number:

An/fps-11 (v) 4

Electrical Power Source Relationship:

Operating

Transmitted Signal Frequency Rating:

Between 1000.0 megahertz and 2000.0 megahertz

Received Signal Frequency Rating:

Between 1000.0 megahertz and 2000.0 megahertz

Installation Design:

Fixed

Phase:

Three

Special Features:

A minimally attended radar (mar) that is a frequency agile I-band radar with an array antenna that electronically phase scans a pencil beam in elevation while continually rotating a 5 rpm to provide real-time tri-coordinate radar data and beacon replies on all targets within the surveillance volume

Functional Description:

Wprovides information to meet the following reqmts: long range detection of and height information on all friendly, hostile, or unidentified aircraft; control capabilities for identification, air defense, tactical air control for close air support, counter-air operations for tactical fighter interceptor aircraft, and military airlift; routine and emergency navigational assistance for all military and civilian aircraft operating within the surveillance area of the designated air space; sufficient accuracy of position and altitude information associated with each detected aircraft to permit employment of existing manned interceptor aircraft; sufficient internal performance monitoring and fault isolation to support the minimal manning concept

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

T208-a