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End Application:

An/tpq-3 (v) 9

Joint Electronics Type Designation System Item Name:

Oe-33 (v)4/tpq-37(v)

Joint Electronics Type Designation System Item Type Number:

Antenna group

Special Features:

A. Search and track coverage is 90 degrees electronic scan and 6 degrees in elevation; gain: 32db; beamwidth: az is 2.54degrees; el is 1.77 degree

Functional Description:

Vertically polarized phased array providing plus 45 degree azimuth coverage with 25db sidelobes. Contains 360 subarray modules in a rectangular arrangement, with each module containing a 4 bit diode phase shifter. This version has liquid cooling requirement replaced by forced/convection air cooling

Relationship To Similar Equipment:

Similar to but not mechanically: oe-33 (v)1/tpq-37(v); oe-339(v)tpq-37(v); oe-339(v)3/tpq-37(v)

Supplementary Features:

Integral part of the antenna transceiver group (atg), weight: 9970 pounds included in the atg weight; mounted on m1048a1 trailer

Type/model Designation:

Oe-33 (v)4/tpq-37(v)

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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