

View Online at <https://aerobasegroup.com/nsn/6625-00-717-5285>

Width:

21.938 inches

Length:

16.938 inches

Ac Voltage Rating:

115.0 volts

Frequency Rating:

Between 50.0 hertz and 420.0 hertz

Major Components:

Cable assembly power electrical, cable assembly radio frequency, cable assembly special purpose electrical, cover-test set, test set radar

Joint Electronics Type Designation System Item Name:

Test set, radar

Joint Electronics Type Designation System Item Type Number:

An/upm-109

Electrical Power Source Relationship:

Operating

Material And Location:

Aluminum carrying case

Inclosure Feature:

Single item w/carrying case

Test Type For Which Designed:

Calibration

Operating Test Capability:

Range accuracy, rate memory of constant velocity and accelerating targets, tracking ability of constant velocity and accelerating targets, antenna azimuth and elevation servo responses, acquisition limits of range gates, range variable 0 to 100, 000 yards, rate variable 0 to 5000 knots opening or closing, acceleration variable 0 to 50g opening or closing, internal p.R.F. 25 to 5000 pps, range programming sensitivity type 1000 yds per volt, outputs trigger and target pulses positive and negative polarity, out pulse amplitude variable zero to 50 volts at all outputs with 50 ohm loads

Phase:

Single

Functional Classification:

Aa-9.1

Special Features:

Can be operated in a horizontal or vertical plane

Functional Description:

Simulates radar targets which maybe controlled in range, rate and acceleration and can be used for malfunction isolation and calibration of radar sets at organizational and intermediate levels of maintenance

Height:

12.500 inches

Entry Date:

78-9-1

Reference Data And Literature:

Navair 16-30upm109-1

Type/model Designation:

An/upm-109

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

T228-a