

Lockheed C-130H/J Aircraft Fuel System Support Equipment

The following is a list of ground support equipment required for testing the Lockheed C-130 Hercules Fuel Quantity Indicating System.

PSD90-3 AC/DC | Order Code 22160648 | NSN 4920-01-731-0900

New universal AC/DC Capacitance Test Set contains all the necessary functionality to measure and simulate capacitance and perform insulation resistance and continuity tests on the aircraft wiring. Includes functionality to automatically detect and manually test for contaminated fuel probes.



Please refer to the PSD90-3 product data sheet for more information.

PSD90-3 AC/DC replaces the PSD90-1C

PSD90-1C | Order Code 877 | Legacy Part Number 01-1000-60* | NSN 4920-01-510-5628

PSD90-1C | Order Code 878 | Legacy Part Number 01-1000-61 | NSN 4920-01-528-2230

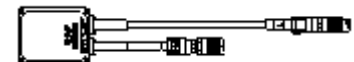


Universal AC/DC Capacitance Test Set. Contains all the necessary functionality to measure and simulate capacitance and perform insulation resistance and continuity tests on the aircraft wiring. An aircraft-specific interface is required.

****01-1000-60 includes the F-16 Interface Cable***

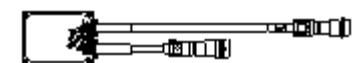
PSDAF-C130A¹ | Order Code 57978 | Legacy Part Number 55-1000-70 | NSN 6625-01-524-6042

PSDAF-C130A Fuel Quantity Adapter Cable. Used at the cockpit indicator for all tanks of the Fuel Quantity or LOX System for aircraft with ANALOG indicators. Permits measurement of total tank capacitance and system insulation resistance, as well as simulation of capacitance for calibration of the indicators. Replaces PSDAF-102 (6150-01-335-3095) and PSDAF-102A (6150-01-335-4941) and PSDAF-102B (6150-01-412-9538)



**PSDAF-C130D¹ | Order Code 57979 | Legacy Part Number 55-1000-71
NSN 6625-01-524-6041**

PSDAF-C130D Fuel Quantity Adapter Cable. Used at the cockpit indicator for all tanks of the Fuel Quantity System for aircraft with DIGITAL indicators. Permits measurement of total tank capacitance and system insulation resistance, as well as simulation of capacitance for calibration of the indicators.



Replaces PSDAF-101 (6150-01-335-3096)

PSDAF-C130I¹ | Order Code 57980 | Legacy Part Number 55-1000-72 NSN 5995-01-524-5035

PSDAF-C130I Fuel Quantity Adapter Cable. Used at the cockpit indicator for the 1800 Gallon Fuselage Tanks which have DIGITAL indicators. Connects between the PSDAF-C130D and the Indicator. Permits simulation of capacitance for calibration of the indicator.

PSDAF-C130T¹ | Order Code 57981 | Legacy Part Number 55-1000-73 | NSN 5995-01-524-5036

PSDAF-C130T Fuel Quantity Adapter Cable. Used at the cockpit indicator for the 1800 Gallon Fuselage Tanks which have DIGITAL indicators. Connects between the PSDAF-C130D and the aircraft wiring. Permits measurement of total tank capacitance and system insulation resistance.



PSDAF-105² | Order Code 57299 | Legacy Part Number 55-0605-06 NSN 4920-01-557-1743

PSDAF-105 Fuel System Breakout Box. Connects between the Tank Boundary connector and the PSD90-1C. Allows capacitance and resistance measurements of the probes, compensators and in-tank wiring.

NOTE:

Please contact Lockheed Martin for information on the interface required to test the C-130J fuel system from the Fuel Management Computer.

- 1. Not used on C-130J*
- 2. Used on all models including C-130J*

