EDMO DISTRIBUTORS

TEST EQUIPMENT

EDMO KNOWS TEST EQUIPMENT.

Over the course of 50 years, EDMO Distributors has secured a reputation as one of the most reliable sources for aircraft electronics, test equipment, installation supplies, wire and cable, tooling, and pilot supplies. Our long-term success has been dependent upon strategic partnerships with manufacturers and companies we trust to bring high quality, value driven products to market. EDMO serves commercial, corporate, military, and general aviation customers in the fixed-wing and rotor markets.

Test Equipment is a specific market that requires innovative and reliable solutions for existing and emerging aircraft testing requirements. EDMO helps its customers stay at the technological forefront by partnering with the aviation industry's most trusted test equipment brands. Our solutions cover a range of aircraft types and needs like testing Nav/Comm systems, ADS-B install verification, emergency beacon operation, fuel quantity indication systems, databus analysis, wire and cable testing, and much more.

With our headquarters in Spokane, WA, EDMO's commitment to providing the best service and the largest selection possible has made it a company that customers count on and trust.

EDMO's dedication to excellence is clearly reflected in our commitment to maintain our third party certified ISO 9001:2015/AS9120B Quality Management System.

QUALITY & EXCELLENCE, WHATEVER IT TAKES.

THE EDMO WAY

CONTENTS

MEET THE AVX-10K

PERFORMANCE VERIFICATION TESTING OF CRITICAL AIRBORNE SYSTEMS FROM A SINGLE DEVICE

The AVX-10K is a comprehensive flight line test solution providing today's Avionics Technician with an easy to use instrument for many maintenance needs. From a quick airborne system auto-test to an in-depth troubleshooting tool, testing can conveniently be done around the aircraft or in the cockpit using your mobile device. Easy set-up, quick testing and reporting transferable via USB, Ethernet and wireless all done from an easy user interface, or the VIAVI Solutions Mobile Tech App on your mobile device.

Building on nearly 50 years of providing superior avionics test sets, the AVX-10K is a compact, durable test unit capable of providing a wide range of quick airborne system auto-tests and in-depth troubleshooting using software specific applications.

Communications: AM/FM, HF, VHF, UHF, SSB, SELCAL
Navigation: ILS (LOC, GS, MB), VOR, DME, ELT 121.5/243/406MHz
Surveillance: ATCRBS Mode A, ATCRBS Mode C, Mode S, ADS-B, GICB, UAT, FIS-B, Traffic (Target Gen), TCAS I, TCAS II, TAS
Other Test Tools: VSWR, DTF

- Configurable test capability
- Intuitive user interface
- Software defined applications
- Remote operation
- Android™ and iOS® compatible
- Guided Test for Navigation Applications
- Built-in GPS receiver
- International test configurations
- Purchase only the test options that you need
- Time saving ease of operation
- Easily updated with future applications
- Conveniently test in and around the aircraft from your mobile device
- Recall saved test sequences for future use
- Provides accurate positional data for ADS-B testing
- Compliant with global regulatory requirements

QUALITY & EXCELLENCE
WHATEVER IT TAKES.

Check out our website at edmo.com or contact Test Equipment Sales at 1.800.337.8378.

VIAVI Solutions

NAVIGATION PACKAGE

(EDMO# AVX10K-NAV) includes the AVX-10K base unit, AC power adapter, hand strap, operations and quick start manuals, hard transit carrying case, adapter kit short/load, VOR/ILS antenna, marker beacon antenna, six-foot coax cable, and software options for DME, navigation (ILS/MB/VOR), and radio test AM/FM (comms).

SURVEILLANCE PACKAGE

(EDMO# AVX10KSVLC) includes the AVX-10K base unit, AC power adapter, hand strap, operations and quick start manuals, hard transit carrying case, adapter kit short/load, six-foot coax cable, RF flat panel antenna with one-foot cable, and software options for transponder modes (A,C,S), ADS-B in/out/GICB/Target Gen/FIS-B, and DME.

COMMUNICATIONS, NAVIGATION, AND SURVEILLANCE PACKAGE

(EDMO# AVX10K-CNS) includes the AVX-10K base unit, AC power adapter, hand strap, operations and quick start manuals, hard transit carrying case, adapter kit short/load, VOR/ILS antenna, marker beacon antenna, six-foot coax cable, RF flat panel antenna with one-foot cable, UC-584 & UC-584S coupler with two 25-foot cables, and software options for transponder modes (A,C,S), ADS-B in/out/GICB/Target Gen/FIS-B, DME, navigation (ILS/MB/VOR), radio test AM/FM (comms).

AVIONICS

OSPREY GPS SIMULATOR

The Osprey GPS Simulator (Operational Simulated Positioning for Real-time Evaluation of Systems) GPS Simulator provides static waypoints and dynamic routes to be simulated for avionics testing purposes. Daily Almanac data can be seamlessly uploaded to the OSPREY, simplifying the process of ensuring a position lock for GPS Receivers. The OSPREY GPS Simulator Controller can also be purchased and used without the VIAVI GPS coupler, for use with your existing coupler or via direct connect.

UC-584 COUPLER KITS

The UC-584 Coupler Kit provides reliable Effective Radiated Power (ERP) and transponder Minimum Trigger Level (MTL) testing in high multi-path ramp and hangar environments. The 20 dB of transponder antenna isolation prevents airborne TCAS systems and SSR ground stations from seeing UUT transponder altitude replies when testing. This innovative design includes an integral positioning slot that improves the ability to replicate measurements and produce repeatable ERP tests. Single and Dual Kits are also available.

DUAL ANTENNA COUPLER KIT

(EDMO# UC-584DUAL)

SINGLE ANTENNA COUPLER KIT

(EDMO# UC-584 KIT)

TITANRF FARADAY FABRIC

Mission Darkness TitanRF Faraday Fabric is made of a special copper and nickel composite material used for reducing the RF signals from transponders during aircraft radio and transponder testing procedures. This MIL-STD-188-125 standard Faraday fabric can be sewn and cut to be used for RF shielded rooms, tents EMP protection, EMI radiation, anti-theft, identity protection, signal isolation, or anywhere a secure environment from RF is required.

ATB-7300NG AVIONICS NAV BENCH TEST SET

The ATB-7300NG is a bench top signal generator for OEMs and MRO Return-to-Service for confirming VHF, ILS LOC and GS, VOR, ADF and Marker Beacon performance. The ATB-7300NG Navigation Test Set is based on the new VIAVI AXIe Avionics Test Bench (ATB) platform. The ATB platform is a powerful leading-edge design tailored for end-users from OEMs to repair shops and can be used for all stages of the avionics lifecycle: Product development; Design verification & validation; Certification; Manufacturing; Return-to-service; and Service/calibration.

GPSG-1000 PORTABLE SATELLITE SIMULATOR

The portable GPS and Galileo positional simulator, the GPSG-1000, provides 3D positional simulation with five channels for RAIM operation and one channel that can be allocated to SBAS simulation. The GPSG-1000 provides static or multi-leg dynamic positional simulation via a route and waypoint entry system (including LPV approaches). It provides user or built-in GPS receiver-referenced time and date and a remote control Ethernet interface. This simulator is software upgradable with a 12-channel option.

ATC-5000NG TRANSPONDER TEST SET

The ATC-5000NG is an RF signal generator/receiver for testing Modes A/C/S transponders. Designed with modern software defined radio technology, the ATC-5000NG replaces the commercial functionality of the SDX-2000, ATC-1400A, and S-1403DL. This test set is designed for engineering development, design validation, manufacturing, and return-to-service testing.

ALT-8000 RADIO ALTIMETER FLIGHTLINE TEST SET

The ground-breaking ALT-8000 is a unique, RF-based portable radio altimeter flightline test set for 4.3 GHz frequency modulated continuous carrier wave (FMCW) radio altimeters and pulse radio altimeters. Its large 12-inch, color touchscreen is easy to use and backlit for low-light conditions. Unlike earlier RF-based test systems, the ALT-8000 is portable and light—meaning it can be moved from the bench to the flightline for testing. Connection is simple; it can be directly connected to the transmitter/receiver ports or the user can rely on the TX/RX antenna couplers for even faster testing.

PSD90-3 FUEL QUANTITY TEST SET

The PSD90-3 will test any capacitive fuel, water, liquid oxygen (LOX), or engine oil system. When combined with an aircraft specific interface, the PSD90-3 allows the user to test, troubleshoot and isolate fuel system issues, calibrate fuel quantity indicators, and detect contaminated fuel probes. Developed for use in all environments the PSD90-3 is ideal for flight line testing on battery power or bench testing on external power.

The PSD90-3 provides users with two methods; Auto and Manual, for detecting and isolating contaminated fuel probes caused by particulates, water, microbial growth, or other sources of contamination. During normal capacitance measurements, the contaminated fuel probe detection function will automatically alert the user via a Degree or Error indication on the display and with a Contaminated Fuel Probe Detected LED on the front panel. Once there is an indication of possible probe contamination, the user can manually test using the Check Probe function with a user-selectable Percent of Error limit which will illuminated the Contaminated Fuel Probe LED indicator if exceeded.

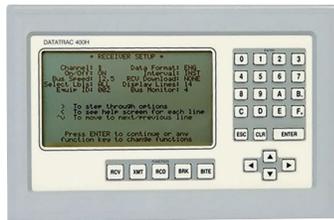| EDMO#	MFR#	DESCRIPTION
PSD903ACDC	PSD90-3	PSD90-3 AC/DC Fuel Quantity Test Set
PSD90-3AC	PSD90-3AC	PSD90-3 AC Fuel Quantity Test Set

ASI-2000 TEST SYSTEM

The ASI Test System is a computer aided, modular system capable of testing a large variety of avionics equipment. Equipment tested includes the Collins Pro Line series, King Gold Crown series, and ARINC standard avionics units. The ASI-2000 Mainframe provides power, test points and a computer interface.

ASI-700-X DISCRETE FUNCTION INTERFACE UNITS

The ASI-700-X Series Discrete Function Interface Units (DFIU) are designed to test the Collins ARINC 700/900 series Line Replacement Units (LRU). These units work in conjunction with an ARINC 429 Databus Generator (user supplied) to provide the LRU with all voltages, discretes, control inputs and outputs required for regulation testing per the Collins maintenance manual.

429 DATABUS ANALYZERS

DT400H HANDHELD ARINC 429 DATABUS ANALYZER

The DT400H (DT-400H-01) is a lightweight handheld ARINC 429 databus analyzer that provides the same features as the full-sized DT400. This device provides breakpoint troubleshooting mode, 16-label recorder, 128-label transmitter, RS-232C port, D/A conversion, and a Williamsburg protocol analyzer. The LCD backlit display is sunlight readable and can operate for over six hours on battery power.

ARINC 429 DATABUS ANALYZER

The 429EX provides avionics technicians and line maintenance personnel with an easy method for troubleshooting ARINC 429 labels. It has the capability to selectively trap labels three different ways. The 429EX has a non-volatile memory and features user-selectable ARINC Air Transport Equipment Identifier Codes. Transmitted and received data can be viewed in either hexadecimal or easy-to-understand engineering format. The unit is housed in a rugged, compact case with internal, rechargeable NiCad batteries. The 429EBP databus analyzer includes Boeing labels.

COUNT ON EDMO TO HAVE EXACTLY
WHAT YOU NEED, WHEN YOU NEED IT.
Check out our website at edmo.com or contact Test Equipment Sales at 1.800.337.8378.

AVX10K-MIL MILITARY FLIGHT LINE TEST SET

The AVX-10K is a comprehensive flight line test solution providing Maintenance Technicians with an easy-to-use all-in-one instrument for testing multiple systems. Built-in auto tests and the ability to create guided tests that replicate existing procedures will save time and provide consistent, repeatable test results.

ALT-9000 FLIGHT LINE RADIO ALTIMETER TEST SET

The Viavi ALT-9000 radio altimeter test set is a portable flight line test solution that uses fiber optic delay to allow it to work with all types of radio altimeters. The ALT-9000 will test the complete radio altimeter system — allow technicians to isolate problems to the antenna, coax, LRU or or indicator. This eliminates unnecessary LRU swaps or other system component replacements.

APM-424V5 TEST SET

The AIMS certified APM-424 or U.S. Military TS-4530 Test Set easily accommodates a variety of aircraft and ground/shipboard platforms to test transponder and interrogator performance, including Mode S Elementary and Enhanced Surveillance, as well as growth to Mode 5. The test set is ruggedized and has passed all military requirements for safety and environmental conditions. The APM-424V5 supports both DoD AIMS 04-900A Option A (KIV-78) and Option B (KIV-77) crypto appliqués. **(GSA Contract# GS-07F-5985R)**

IFF-45TS SIGNAL SIMULATOR

The IFF-45TS is an RF signal simulator that provides support for AIMS Mark XIIA transponders and interrogators. It operates under remote control from a computer or ATE system and provides versatile signal generation and measurement capability of Mark XIIA system signals in bench and over-the-air applications. **(GSA Contract# GS-07F-5985R)**

PITOT & AIR DATA

BARFIELD

DPS-1000 PITOT STATIC TEST SET/RVSM

The DPS-1000 is a user-friendly, fully automated, and RVSM-compliant air data test set that performs pitot and static systems tests and inspections. It is equipped with a 7-inch, color LCD touchscreen that is sunlight readable and compatible with gloved fingers. This device has a go-to-ground function, auto leak test custom profiles, programmable limit protections, and an altitude correction feature.

1811NG DIGITAL PITOT STATIC TEST SET

The latest in the Imperium series, the fully automated 1811NG digital pitot static test set performs altimeter and static systems tests and inspections directly supporting general aviation, helicopter, UAV, non-RVSM regional and corporate aircraft. Features include wireless remote operation via tablet; 7-inch color LCD touchscreen that is sunlight readable and compatible with gloved fingers; go-to-ground function; auto leak test custom profiles; programmable limit protections; altitude correction and altitude compensation for leak testing.

Druck
a Baker Hughes business

ADTS553F 3-CHANNEL AIR DATA TEST SET

The ADTS553F Air Data Test Set is a portable three-channel flightline pitot static tester. It provides pitot static air data validation, leak testing, fault-finding and avionics instrumentation testing for any aircraft requiring angle of attack two off static-controlled channels, in addition to a pitot test channel. The ADTS553F can also be used as a standard two-channel flightline air data test set. Included is the ADTS Touch, a removable, robust wireless hand terminal that communicates to the test set via secure Bluetooth® wireless technology. This technology and the innovative design of the ADTS Touch remove the need to run cables or hoses into the cockpit.

ADTS554F 4-CHANNEL AIR DATA TEST SET

The ADTS554F Air Data Test Set is a portable four-channel flightline pitot static tester. It provides pitot static air data validation, leak testing, fault-finding and avionics instrumentation testing for any aircraft requiring angle of attack two off static-controlled channels, in addition to a pitot test channel. The ADTS554F can also be used as a standard two-channel, three-channel, or 2 independent two-channel flightline air data test set. Included is the ADTS Touch, a removable, robust wireless hand terminal that communicates to the test set via secure Bluetooth® wireless technology. This technology and the innovative design of the ADTS Touch remove the need to run cables or hoses into the cockpit.

NAV-AIDS AIR DATA ACCESSORIES KITS

include pitot/static test equipment, adapters and hoses required to perform an air data test for a specific aircraft, helicopter or spacecraft. Call and order a custom kit to suit your needs.

NAV-AIDS LTD.

BOEING 787 AIR DATA ACCESSORIES KIT

NavAids ADA787-612 contains all of the components needed to test and monitor air data devices on Boeing 787 aircraft. The kit includes 3 pitot test adapters, 3 pre-test probes, 3 static test adapters for main static ports and 2 static test adapters for center static ports, 1 Vacu-Grip assembly, 1 pitot test hose assembly, 1 static test hose assembly, 1 bottle of lubricating fluid, a container of spare seals, 1 user manual, and a hard case for storage and transport.

BOEING 737 AIR DATA ACCESSORIES KIT

The AD953-7 kit contains the necessary equipment for testing the pitot and static air data systems on a Boeing 737 aircraft and provides a way to pre-test all adapters and hoses before they are fitted to the aircraft. The kit includes 4 pitot and dual static test adapters, 3 pre-test probes, 2 static test adapters, a pitot test hose assembly, 2 different static test hose assemblies, static input hose assembly, alternate static test hose assembly, a Vacu-Grip assembly, a five-position selector box, lubricating fluid, seal kit, a spare seal, a manual, and a case.

STATIC TEST ADAPTER

These adapters test the pilot's and copilot's static system on the aircraft. The protective cap attached to the 33410LH-125-4 can be used as a pre-test fixture for the unit and if required, will prove the integrity of the adapter, hose, and tester prior to being fitted to the aircraft.

PITOT TEST ADAPTER

The P75701M2-3 adapter fits pitot probes part# 851FJ1.

UNIVERSAL STATIC TEST ADAPTER

Universal Static test adapter for Beechcraft, Casa, Cessna, Embraer, Lancair, Learjet, Maverick, Mitsubishi, Mooney, and Piper aircraft.

NOT FINDING WHAT YOU'RE LOOKING FOR?

Check out our website at edmo.com or contact Test Equipment Sales at 1.800.337.8378.

FIBER OPTIC INSPECTION

VIAVI

HD4I SMARTCLASS DIGITAL HANDHELD VIDEO DISPLAY

The HD4I SmartClass™ digital handheld video display gives technicians the flexibility and performance in one powerful, easy-to-use device. At the push of a button, the HD4I cuts testing and certification time in half and gives customers confidence in their network quality. This unit provides reports with pass/fail fiber connectivity analysis; standardizes fiber inspection, analysis, and testing methods throughout the fiber network; and is used to install, test, and maintain fiber systems where portability is essential.

P5000I DIGITAL ANALYSIS MICROSCOPE

The P5000i fiber microscope is an automated fiber inspection and analysis probe that provides Pass/Fail compatibility to PC, laptops, mobile devices, and Viavi test solutions. This fiber inspection probe guarantees that every network connection is clean and optimized.

CUSTOM AVIONICS FIBER OPTIC INSPECTION KITS

Users can ensure that fiber connectors are clean before connecting them with Custom Avionics Inspection Kits. Built according to your aircraft requirements, these kits include the HD41 Digital Handheld Display, the P5000I Digital Analysis Microscope, and a selection of interface tips, inspections tips, barrel assemblies, alignment guides, and organization cases all packed into a padded Pelican hard case. Ready-made custom kits include:

BOEING 787 BASIC INSPECTION KIT
BOEING 737 MAX BASIC INSPECTION KIT
BOEING P-8A POSEIDON INSPECTION KIT
BOEING KC46A INSPECTION KIT

Call 800.337.8378 for more customized options.

ADD-ON CLEANING TOOL
Fiber optic pin & connector cleaning tool
(EDMO# 12910)

TEMPO COMMUNICATIONS

SLS525 STABILIZED LIGHT SOURCE

The SLS525 is a rugged, adaptable and stable fiber optic source with a dual wavelength LED. Accurate insertion loss measurements are possible when used in conjunction with the Tempo Communications optical power meters. When placing tones on the fiber the Tempo Communications optical power meter will quickly identify the fiber. The ruggedized IP54 compliant package provides test confidence when testing multimode networks.

OPM510 OPTICAL POWER METER

The OPM510 standard optical power meter is designed for the Telco and MRO industries for reading both absolute and reference power measurements to ensure fast and accurate loss budget and insertion loss measurements.

Technology, Inc.

6021-5154 AVIONICS TDR COMPLETE KIT

The Avionics TDR troubleshoots OSP, drop, or twisted pair cables (CAT 2 to Cat 6A) and single wires in bundles or harnesses. It uses step technology to accurately locate and display wire faults and then stores, recalls, and uploads traces to the PC by name, date, and time. It also has MicroFault locating for finding small coax kinks and crushes that might affect service but are difficult to see on a normal TDR trace. Equipped with a user-friendly interface, Setup Wizard, Named Menu Keys, and Context-Sensitive help. Internal cable list holds 64 cable types, can be user edited, and modified lists can be uploaded or downloaded to a PC using ETDR PC Vision™ software.

Complete Kit includes: TDR unit, hard case, connector test leads for pin and socket sizes (12, 16, 20, and 22), coaxial cable with BNC connectors, BNC-to-alligator clips, RJ45 Cat 5 test lead, AC adapter/charger, USB cable, quick start guide, basic user's guide, calibration certificate with data, a CD with operating manual, and ETDR PC Vision™ software and training presentation.

6050-5000 SWR SITE ANALYZER

The SWR Site Analyzer measures VSWR, return loss, and frequency domain reflectometer (FDR) on a frequency range of 100 KHz to 1.4 GHz. It features a full color, backlit display with excellent readability — even in full daylight — and 50 memory slots allowing users to save and recall plots on the the device or upload to a PC using the included Site Analyzer PC Vision™ software.

The SWR site analyzer is designed with easy-to-use navigation menus and custom color settings for displaying measurement plots. The included NiMH batteries provides four continuous hours of operation, and communicates with a PC via USB 2.0.

QUALITY & EXCELLENCE
WHATEVER IT TAKES.

ELT

DUKANE SEACOM

TS500 ULTRASONIC ULB TEST SET

The TS500 Ultrasonic Test Set is a self-contained, handheld test set for testing low frequency underwater acoustic beacons. It is a battery operated heterodyne type receiver which operates at frequencies of 8.8 kHz and 37.5 kHz.

WST

BT200 HANDHELD BEACON TESTER

The BT200 is a compact and rugged handheld beacon tester with an intuitive user interface. Based on the Android operating system, this device is capable of measuring all known Cospas-Sarsat approved emergency locator beacons: AIS-EPIRBs and AIS transceivers (both class A and B). This unit offers a fully integrated, IP68-rated design, which provides a rugged, waterproof, and portable ELT test unit. The BT200 will cover the 406 MHz, 121.1 MHz, and 243 MHz channel frequencies for complete measurement tests, while a built-in oscilloscope allows users to monitor the received signals in real time. Operators are able to add text, audio, photos, and videos to measurement data and also create custom PDF and IMO test reports. The measurement data can easily be transferred to a PC for analysis and storage. This ELT beacon tester exceeds all IMO, FAA, IC, and EuroCAE EPIRB, ELT, and AIS inspection requirements. The BT200 Handheld Beacon Tester (2nd gen.) supports both first- and second-generation beacons (FGB & SGB) and is for ELTs, EPIRBs, and PLBs.

ARTEX

FPT 8800 ELT PROGRAMMING TABLET

The FPT 8800 series ARTEX programmer provides a ruggedized and simple to use ELT support tool that is suitable for both bench and field applications. Built on the Microsoft Surface framework, the ARTEX FPT (Field Programming Tablet) is a cutting-edge device designed to retrofit seamlessly with your existing ELTs in the field and bring a new era of efficiency and reliability to your operations.

EDMO#	DESCRIPTION
8806	General Aviation Kit, ELT 345, ELT 1000, and ME406
8807	Standard Aviation Kit, ELT 345/1000, ME406, C406 series, B406-4, and G406-4
8808	Commercial Aviation Kit, ELT 345/1000, ME406, C406 series, B406-4, and G406-4
8809	Commercial Aviation Kit, ELT 4000S

ICARUS

ELTT-124M MINI ELT TESTER

The ELTT-124M mini ELT tester accurately measures an ELT's output power and frequency on 121.5, 243, and 406 MHz and verifies the decoding of the ELT's ID, GPS location, country code, and serial number. This device is compatible with any wifi-capable device with a web browser, including smart phones, tablets, laptops, or desktop computers. The ELTT-124M displays the user interface along with the ELT test data right in the web browser on the user's device. Included with this ELT tester is an antenna for over-the-air testing, as well as an attenuator and cables for directly connecting to the ELT.

AIRFRAME/POWERPLANT

BARFIELD

TT1200A DIGITAL TURBINE TEMP TEST SET

The Barfield TT1200A Digital Turbine Temperature Test Set tests digital and glass cockpit indicators. The TT1200A tests the aircraft Chromel/Alumel (K type) turbine temperature measuring systems with the ability to measure resistances to 0.001 ohms, measures insulation up to 200M ohms, performs indicator run-outs with a resolution of 0.1ºC or 1ºC and a range of 1,372ºC. It can also display the equivalent ºF or millivoltages and may be used as a master indicator.

CT12A DIGITAL CABLE TENSIOMETER

The CT12A (102-03108) measures existing tension in 1/16 - 1/4-inch cables. There are two different unit types available within the product line: multi-cable and single-cable. The multi-cable unit is capable of measuring up to seven different cable sizes, while the single cable units are customized for one specific cable size. This device has a standard mode for providing individual cable tension measurements and an averaging mode which automatically averages three measurements. The CT12A's screen displays the battery life, last measured cable size, ambient temperature, and cable tension. One-handed operation with no need for conversion tables.

DB ASSEMBLY INC.

RB-14/28-25 SERIES AUXILIARY POWER SUPPLY

The RB-14/28-25 Series Aircraft Ramp Power Supply is an aircraft flight line service and maintenance tool. The APU unit has a filtered 14 or 28 volt DC power supply with an amperage capability up to 25 amperes for testing of aircraft electrical systems. This ramp or hangar accessory is an absolute must for avionics service, gear and flap actuator exercising and other electrical system service.

PS-2850 AUXILIARY POWER SUPPLY & CHARGER

The PS-2850 Aircraft Ramp Power Supply and Battery Charger is a dual-purpose aircraft flight line service and maintenance tool. The unit has a filtered 28 volt DC power supply with up to 50 amperes capability for tests of aircraft electrical systems and a secondary mode for recharging run-down batteries.

WHITE LIGHTNING
AVIATION GROUND POWER

SMARTGPU GROUND POWER UNIT

The SmartGPU is a specialized switching-mode power supply designed to provide pilots and aviation maintenance professionals with a portable, affordable source of stable, high-current, noise-free DC power that replicates the in-flight electrical environment. The GPU's intended purpose is to energize an aircraft's main electrical bus without using the ship's battery or engine. It will safely provide continuous power for the most delicate electronics and airframe systems up to its full rated output. The SmartGPU mobile app allows the user to monitor the power draw from the flight deck or anywhere in the hangar.

EDMO#	DESCRIPTION
S28054	SmartGPU Ground Power Unit	28V, 54A, 3-pin Plug
S28114	SmartGPU Ground Power Unit	28V, 114A, 3-pin Plug
S28054-BMC	SmartGPU Ground Power Unit w/ BatterMINDer	28V, 54A, 3-pin Plug
S28114-BMC	SmartGPU Ground Power Unit w/ BatterMINDer	28V, 114A, 3-pin Plug

M-SERIES MINI GROUND POWER UNIT

The M-Series Mini-GPUs achieve a remarkable 88% efficiency to provide up to 50-amps of power at 14 to 28-volts DC, perfectly replicating the in-flight electrical environment. Its cool running, switching-mode power modules provide massive amounts of stable, noise-free power, compatible with input voltages from all over the world. It will continuously power the most delicate avionics and airframe systems without risk of depleting the ship's battery or causing costly damage.

EDMO#	DESCRIPTION
M1428-DV	M-Series Mini Ground Power Unit	14V & 28V, 3-Pin Oval Plugs
M1435	M-Series Mini Ground Power Unit	35A, 14V, 3-pin Oval Plug
M1435-EXP	M-Series Mini Ground Power Unit	35A, 14V, Experiment A-B Aircraft
M1435P	M-Series Mini Ground Power Unit	35A, 14V, Piper Plug
M2827	M-Series Mini Ground Power Unit	27A, 28V, 3-pin Oval Plug
M2850	M-Series Mini Ground Power Unit	50A, 28V, 3-pin Oval Plug

2800-SERIES GROUND POWER UNIT

The next generation 2800 Series GPUs achieve a remarkable 89% electrical efficiency to provide up to 2,000 watts of power. Its cool running, switching-mode power modules provide massive amounts of stable, noise-free power from a 90-230 volt AC outlet. It will safely power the most delicate airframe systems with laboratory-grade DC without risk of costly damage to sophisticated avionics, instruments, or electronic equipment. This new generation GPU is designed as a practical alternative to large, expensive start carts, battery chargers, and other devices designed primarily to spin starter motors. Unique, ergonomic design features dual, removable cord/tool caddies.

EDMO#	DESCRIPTION
2835A	2800-Series Ground Power Unit	35A, 28V
2870A	2800-Series Ground Power Unit	70A, 28V
2835A-B2	2800-Series Ground Power Unit	35A, 28V, Integrated BatteryMINDer
2870A-B2	2800-Series Ground Power Unit	70A, 28V, Integrated BatteryMINDer

INSPECTION/TOOLING

VIDEOSCOPE INSPECTION KIT

The portable video borescope (PWKIT-4) provides high-resolution video images that are rich in detail & quality. The videoscope captures images and video files of remote visual inspections for future reference. Ideal for turbine and generator inspections or automotive engine inspections. This borescope kit has been found especially useful for the inspection of PT6 engines, highlighting the units small diameter, short distal ends in order to easily navigate through the guide tubes.

BJ-180 SWING SIGHT COMPASS

The BJ-180 sight compass is used to check the aircraft compass for accuracy. It has a reversed card so pilot and swinger read the same heading. It is painted red for clear identification and must not be installed in any aircraft. Comes complete with plastic case and easy to follow instructions.

PANEL PRO MODEL 6126

The Panel Pro™ model 6126 is a computer controlled router optimized for aluminum sheet metal 1/8" thick and designed to create custom aircraft instrument panels. It has an x axis (width) travel of 59 inches, y axis (height) travel of 25 inches, and a z axis (up and down) travel of 3.125 inches. With multiple passes, aluminum as thick as 1/2" can be cut. All 3 axis are computer driven with heavy duty NEMA size 23 stepper motors. Model 6126 uses an included Milwaukee router.

UL101 ACUSTIC ULTRASOUND LISTENING DEVICE

The UL101 Aviation Troubleshooter provides aircraft technicians with a clear, intuitive method for troubleshooting a wide variety of faults across multiple aircraft systems. By demodulating ultrasonic frequency (40 kHz) into the audible range, into a headset or available software, the UL101 can aid technicians to pinpoint pneumatic, hydraulic, electrical, and mechanical faults using ultrasound technology. Compact, versatile, and quicker than traditional methods, no aviation toolbox is complete without it.

PINPOINT RM/HH WIRING ACCESS & DIAGNOSTIC TOOL

The Nelson Aviation PinPoint is a cutting-edge solution designed to assist technicians in streamlining wire access and troubleshooting without the need to disassemble the instrument panel. This tool is engineered to improve efficiency during maintenance and testing procedures, enabling technicians to quickly and safely complete post-installation checkout procedures, diagnose wiring issues, and troubleshoot with accuracy.

The PinPoint intuitively simplifies complex tasks, allowing technicians to access wiring points with minimal disruption to aircraft wiring systems. Whether performing routine checks, troubleshooting electrical systems, or ensuring compliance with STC-required procedures, PinPoint is the preferred tool for achieving fast and accurate results.

PINPOINT RACK MOUNT COMPLETE KIT

- **No Panel Disassembly:**
  Access wiring effortlessly without the need to remove panels, saving valuable time and reducing risk.

- **STC-Required Procedures:**
  Streamline Post-Installation Checkout Procedures and ensure compliance with regulatory standards.

- **Efficient Troubleshooting:**
  Quickly identify and resolve wiring issues with ease, minimizing downtime and improving system reliability.

- **User-Friendly Design:**
  Engineered with simplicity in mind, the PinPoint is easy to use, even for complex diagnostics.

PINPOINT HANDHELD MOUNT COMPLETE KIT

EDMO#	DESCRIPTION
RM-KIT-1	PinPoint Rack Mount	Complete Kit
HH-KIT-1	PinPoint Handheld Mount	Complete Kit
RM-GFC6-1	PinPoint Rack Mount Module	Compatible with Garmin GF600
RM-GTN6-1	PinPoint Rack Mount Module	Compatible with Garmin GTN 650 & GTN 650XI
RM-GTN7-1	PinPoint Rack Mount Module	Compatible with Garmin GTN 750 & GTN 750XI
RM-GTX-1	PinPoint Rack Mount Module	Compatible with Garmin GTX 335, GTX 345, GTX 335R, GTX 345R
RM-GMA-1	PinPoint Rack Mount Module	Compatible with Garmin GMA 340, GMA 345, GMA 350, GMA 35C, AMX 240, & All PS Engineering Dual 44-pin Audio Panels

INSTALL TOOLS

DANIELS CRIMP TOOLS & ACCESSORIES

The AF8 has virtually limitless application within the wire range of 12-26 AWG. Over 1,000 turret heads or positioners are available to adapt the tool frame to your specific military or proprietary contact/wire combination.

The Daniels AFM8 is designed for most of the miniature and sub-miniature connector types that are so widely used in all types of electronic systems. Originally developed for the Air Force, the AFM8 meets the need for a miniature tool accommodating wire sizes 20 thru 32 AWG.

The GMT232 crimp tool is designed to terminate MIL-S-81824 wire splices of the following gauges: 12-16; 16-20; 20-26. A built-in locator is configured to hold the splice correctly when crimping.

The TSK8000 Twist-Strip™ tool is designed to make precise cuts to the jacket of shielded, multi-conductor, twisted cable and provides a quick, safe, accurate and repeatable method for preparing avionic wiring harnesses and other cable types. Precise blade adjustment, zero friction roller bearing design, articulating/locking arms, and interchangeable dies make the Twist-Strip a user-friendly and efficiently designed tool.

TH1A: M22520/1-02 Turret Head
TH163: M22520/1-04 Turret Head
G125: M22520/3-1 Go No-Go Gauge
K13-1: M22520/2-08 Positioner

AF8

GMT232

AFM8

TH1A

TH163

K13-1

G125

TSK-8000

CRIMP TOOLS

The AMP Certi-Lok crimp tool (169400) is a basic design that uses interchangeable snap-in die sets that can be easily inserted or removed.

The 59250 T-Head crimp tool (22-14AWG) has color-coded handles to match the color coding of the product to be applied.

169400

59250

169404

169409

MG-1300 CABLE TIE/LACING CUTTER

The MG-1300 Cable Tie/Lacing Cutter easily cuts plastic, thin copper, or aluminum with a durable, heat-treated alloy steel nose. It is ideal for repairing and retrofitting wire harnesses and hose assemblies. Equipped with an ergonomic, cushioned handle.

MG-1400 CABLE TIE/WIRE STRIPPER

The MG-1400 Cable Tie/Wire Stripper quickly and easily snips cable ties or lacing string from bundles of wire. This tool additionally strips 12-22 gauge wire and is equipped with an ergonomic, cushioned handle.

MG-1300

MG-1400

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