



# THE DEFENDER

VOL. 1 : 2007

EDMO is a Wholesale Distributor of: Aircraft Electronics, Installation Supplies, Avionics Test Equipment and Pilot Supplies.

# NEW

## ZETA LINER HELMET LINER

### EASY HELMET LINER FITTING

Military Helmet Liner for  
Gentex Model SPH Series and  
HGU Series Helmets



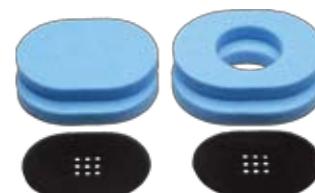
Description	Part Number	Thick
Internal Measurement 12"	95122A	1/4"
Internal Measurement 12"	95123A	3/8"
Internal Measurement 12"	95124A	1/2"
Internal Measurement 12"	95125A	5/8"
Internal Measurement 13"	95132A	1/4"
Internal Measurement 13"	95133A	3/8"
Internal Measurement 13"	95134A	1/2"
Internal Measurement 13"	95135A	5/8"
Internal Measurement 14"	95142A	1/4"
Internal Measurement 14"	95143A	3/8"
Internal Measurement 14"	95144A	1/2"
Internal Measurement 14"	95145A	5/8"
Internal Measurement 15"	95152A	1/4"
Internal Measurement 15"	95153A	3/8"
Internal Measurement 15"	95154A	1/2"
Internal Measurement 15"	95155A	5/8"
Internal Measurement 16"	95162A	1/4"
Internal Measurement 16"	95163A	3/8"
Internal Measurement 16"	95164A	1/2"
Internal Measurement 16"	95165A	5/8"
Internal Measurement 17"	95172A	1/4"
Internal Measurement 17"	95173A	3/8"
Internal Measurement 17"	95174A	1/2"
Internal Measurement 17"	95175A	5/8"



## MILITARY HEADSET UPGRADE KITS

### 83006E

- SoftTop® Headset Cushion
- Soft Seal® Ear Cushions
- SoftSkin® Ear Seal Covers
- HushKit® Passive Ear Cup Noise Attenuation Kit
- MicMuff® Microphone Cover
- Passive Ear Cup Noise Attenuation Kit



### 83006DM

- SoftTop® Headset Cushion
- Soft Seal® Ear Cushions
- SoftSkin® Ear Seal Covers
- HushKit® Passive Ear Cup Noise Attenuation Kit
- MicMuff® Microphone Cover
- Passive Ear Cup Noise Attenuation Kit



### 83006BX

- SoftTop® Headset Cushion
- Soft Seal® Ear Cushions
- SoftSkin® Ear Seal Covers
- MicMuff® Microphone Cover



Description	Part Number
For Headset with Electret Mic	83006E
For Headset with Dynamic Military Mic	83006DM
For Bose Aviation Headset X	83006BX

Call 1-800-235-3300 or Visit [edmo.com](http://edmo.com) For More Information!

EDMO supports sales to federal, state and local government agencies. We have Reps & Certs Available on Request. Cage Code: 0Z3C6

# NEW

## K-HELMET UPGRADE KIT

David Clark "K" Helmet upgrade kit  
improves cranial protection and overall  
comfort. This helmet is used by virtually all  
US Navy flight line personnel.

P/N: 95005



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U.S. Postage  
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## UNIVERSAL SOFT SEAT

### PORTABLE UNIVERSAL SOFTSEAT CUSHION SYSTEM

Interchangeable, zippered parts including a 1/2", 1" and 2"- thick Cushion Base with straps or non-skid strips; Universal Lumbar Support or Full Cushion Back with Adjustable Lumbar Support. All parts are zippered, interchangeable and sold separately. A Portable Universal Pilot SoftSeat™ Cushion is designed for aerobatic and commercial aircraft.

A. 1" thick Portable Universal Pilot SoftSeat™ Cushion Base for Aerobatic, Commercial and other Aircraft w/non-skid strips (standard thickness)



B.

Portable Universal SoftSeat™ Lumbar Support



C.

1" thick Portable Universal SoftSeat™ Cushion Base w/non-skid strips (standard thickness)



Description	Part Number
A. 1" Portable Universal Pilot SoftSeat	30009
B. Portable Universal SoftSeat	38031
C. 1" Portable Universal SoftSeat	30911

## BALLISTIC HELMET UPGRADE KITS



Developed in 1997 for the U.S. Army Special Operations MICH helmet, Oregon Aero® patented Ballistic Helmet Pads meet the original specifications of the MICH helmet and provide superior shock absorption. The pads are available in the Oregon Aero® BLSS® Kit, which also includes the innovative Oregon Aero® four-point chin strap/retention system, or as pads alone, called the BLU® Kit. The pads can be used as OEM or upgrade equipment, and replacement pads also are available. The BLSS® Kit or BLU® Kit can be used in the PASGT, LWH, ACH, MICH and other helmets.

The BLSS® Kit is pain-free, safer, stable, moisture and waterproof, self-wicking, positively buoyant and gas and air permeable. It reduces sound reverberation and is installed without any helmet shell modifications. The upgrade includes a four-point chin strap/harness (available in Green, Coyote Brown or Black) with an integrated nape pad and seven highly engineered pads. The complete upgrade can be used for the PASGT or the Marine Lightweight (LWH) Helmet. The pads can be used to upgrade the MICH/ACH.

Description	Part Number
BLSS® Kit For XS, S, M, L PASGT or LWH (includes Chin Strap/Harness System* 3/4"-thick crown pad, and standard 1/2"-thick oval and trapezoid pads)	95040
BLSS® Kit For XL PASGT or LWH (includes XL size Chin Strap/Harness System* 3/4"-thick crown pad, and standard 1/2"-thick oval and trapezoid pads)	95041
Seven-Pad Upgrade or Replacement Kit (BLU® Kit) for XS, S, M, L, and XL PASGT or LWH (includes one 3/4"-thick crown pad, four standard 1/2"-thick oval pads and two standard 1/2"-thick trapezoid pads)*	95080

## SHOCK BLOCKERS

Our patented ShockBlockers® Insole Inserts dramatically reduce shock to feet and joints. They offer 20% more shock absorption than other insole inserts. Originally created for the U.S. Military, ShockBlockers® Insole Inserts are available to the general public and combine innovative design and materials. They are for anyone who walks, runs or stands.



OREGON AERO

Description	Style	Part Number
Small (men's 4-6) (women's 6-8)	Military	47514LP
Medium (men's 7-9) (women's 9-11)	Military	47515LP
Large (men's 10-12) (women's 12-14)	Military	47516LP
X-Large (men's 13-15) (women's 15-17)	Military	47517LP
Small (men's 4-6) (women's 6-8)	Military	47514VK
Large (men's 10-12) (women's 12-14)	Military	47516VK
X-Large (men's 13-15) (women's 15-17)	Military	47517VK
XX-Large (men's 16-18) (women's 18-20)	Military	47518VK

## UNIVERSAL FOLDING KNEELING PAD



OREGON AERO

Work in comfort with the Oregon Aero Universal Folding Kneeling Pad for industrial, home, law enforcement, and military use. Custom designed, water resistant pad spreads weight load, eliminates pressure points. Industrial - strength outer cover. Non-skid strips. 12"x 12"x 2" folded 12"x 24" x 11" unfolded

P/N: 95005

## MOBILE VEHICULAR VHF-AM AIRBAND TRANCEIVER

Setting a new standard for ground based communications, the IC-A110 provides durability and reliability in demanding operational environments. Capable of being installed in any vehicle IC-A110 is adaptable to vehicles working on a 12 V, as well as a 24 V power source.

A loud speaker mounted in the front of the transceiver is free of any obstacles blocking audio reproduction. And 10 W of powerful output power is available for the external speaker. With a simple rotation of the dial, frequently used memory channels, or desired frequency selection can be made. UP to 7-character memory names can be assigned for each channel. Allows simple and quick channel recognition and selection. Operator's transmitted messages and calls are audio modulated and can be heard by standard air band headsets, even in the most demanding operating airport conditions. Hanging the microphone on the mic. hanger activates the auto scan function. When released, the transceiver will return to the last used, or priority channel, depending on the selection. The adopted LCD guaranteed usable in temperatures from -30°C to +70°F (-22°F to +158°F). Normal performance, as well as display indications, are guaranteed even in extremely cold areas.

\* Option OPC-871 is necessary when using standard type headset.

Frequency range: 118.000-136.975 MHz  
Channel spacing: 8.33/25 kHz auto selection (according to version) or 25 kHz only  
Mode: 6K00A3E (AM)  
No. of memory Ch. :20  
Antenna connector: SO-239 (50)  
Power supply requirement: (negative ground) 13.75 V DC or 27.5V DC  
Current drain (at 13.75 V DC): Transmitting 5.0 A max.  
Receiving 4.0 A (at AF max.) 0.5 A (stand-by)  
Operating temperature range: IC-110 -30°C to +60°C; -22°F to +140°F  
Frequency stability: IC-110 +5 ppm (-30°C to +60°C)  
Dimensions: 150(W)x50(H) x 180(D) mm (projections not incl.)  
5-29/32(W) x 1-31/32(H) x 7-3/32(D) in  
Weight (approx.): 1.5 kg; 3 lb 5 oz

Also: Available in Base Station Configuration

P/N: IC-A110

 ICOM



## MOBILE VEHICULAR UHF-AM TRANCEIVER

-Overall Dimensions: 75 x 38 x 225mm, without antenna 2.95" x 1.5" x 8.86", with antenna 2.60 lbs., including battery, removable/adjustable carrying strap and helical antenna  
-Operating Temperature Range: -20°C to +60°C / -4°F to 140°F  
-Slightly Degraded Performance: -30°C to +60°C / -22°F to 140°F  
+10°C to +40°C / 50°F to 104°F  
-Submersible: 1.0m (3 ft) for 30 min.

### TECHNICAL SPECIFICATIONS:

-Frequency Band: 225 to 399.975 MHz  
-Operating Modes: A3E AM  
-Channel Spacing: 25 KHz  
-Pre-Programmable Channels: Up to 100  
-Output Power: Adjustable from 4W to 8W  
-Duty Cycle: 4:1 (Rx / Tx)  
-Modulation Index: 95% max.  
-Sensitivity: >12dB SINAD with -97dBm, 30% modulation index  
-AF Response: 300 to 3400 Hz (+2dB to -4dB signal variation)  
-Power Supply Voltage: From 10.8 to 15.6 VDC Environmental  
-Water and Dust Protection: IEC 529 class IP54  
-Vibration and Shock: ETSI ETS 300 019-2-5

P/N: VTR-100



## IC-A24 NAV/COM IC-A6 COM



Easy to use while flying  
Simple one-handed operation is the most essential feature of the IC-A24/A6. The well labeled, large keypad provides user friendly operation. The large display shows both letters and numbers and is easy to see, making for fast frequency recognition. The display is backlit, and so is the keypad. The light stays on until you turn it off – a very handy feature for flying at night.

“Flip-flop” channel recall  
The IC-A24/A6 stores the last 10 channels used. You can easily recall those channels by pushing the “flip-flop” recall buttons on the front panel. It is convenient for switching between several channels, such as NAV and COM channels.

VOR navigation\*

CDI mode display  
The IC-A24 has VOR navigation functions. The DVOR mode shows the radial to or from a VOR station and the CDI mode shows the course deviation to/from a VOR station. You can also input your intended radial to/from the VOR station and show the course deviation on the display. In the USA version, the duplex operation allows you to call a COM channel, while you are using VOR navigation.  
\* IC-A24 only

External DC power jack  
An external DC power jack allows for operation with the wall charger, BC-110 or the cigarette lighter cable, CP-20. When the battery pack is installed, simultaneous charging during operation is also possible. In addition, an optional battery case, BP-208N, is available.

Water resistant construction  
The water resistant construction provides reliable operation in wet conditions.  
\* Equivalent to IPX4 of the corresponding international standard IEC 60529 (2001).

P/N: IC-A24 (NAV/COM)  
P/N: IC-A6 (COM ONLY)

 ICOM

## HANDHELD UHF-AM TRANCEIVER

Number of Channels: 16 Programmable channels  
Channel Spacing: 25KHz  
Modulation: AM (A3E)  
Frequency Range: 225.000 to 399.975 Mhz  
Audio Frequency Response: 300 to 340Hz  
Audio Output Power: 0.5 Watt, 8 Ohms  
Temperature Range: -20C to +60C  
Weight, Dimensions: 1Kg., 38mmx62mmx229mm

### TRANSMITTER:

RF Output Power: 0.1W low, 0.4W medium, 1W high  
Spurious/Harmonic Radiation: -60dBc at 50 Ohms  
Adjacent Channel Emission: Less than -70dB at +/-25KHz

### RECEIVER:

Sensitivity: Less than 1uV at 50 Ohms, for 10dB S+N/N  
Selectivity: +/- 8KHz for -6dB, +/-25KHz for -70dB  
Spurious Attenuation: Less than 70dB  
Intermodulation: Less than 65dB

P/N: F10165



## RAMI

### DME / TACAN / BEACON ANTENNA

The AT-740/A Antenna is used for airborne radar interrogation on various fixed-wing aircraft. The antenna is produced to Military Specification MIL-A-25707 and MIL-A-25707/1. The antenna is designed to operate at the extreme temperature range of -67° F to 302° F. The AT-740/A is a flush-mounted, cavity-back slot antenna constructed of aluminum with a fiberglass radome. The antenna has a type BNC sampling probe and is protected by an anodic coating to prevent corrosion.



**ANTENNA**  
P/N: AT-740/A

## M880A CHRONOMETER

- Two button control system is natural and error free. Setting operations are identical for both alarm and time setting (US Patent 4,486,077).
- Greenwich Mean Time in 24 hour format.
- Local Time in 12 hour format, 24 hour option when ordering.
- Elapsed Time counter, from one second to 99 hours, 59 minutes.
- Elapsed Time countdown timer, from one second to one hour.
- Elapsed Time visual alarm activated when countdown reaches zero.
- Alarm flashes display and has external output for optional audio alarm.
- Liquid Crystal Display has high contrast in bright sunlight. Display has a lighting system that provides uniform night illumination. The display has an ultraviolet filter to prevent sunlight damage. The LCD used in the M800 has high humidity protection and uses a fluid operable over a wide temperature range.
- A 4 MegaHertz crystal precision time reference.

**P/N:M880A NVIS Blue**  
**P/N:M880A-S NVIS Green**



## EDO/AIL ANTENNAS

Reduced maintenance costs are achieved through the use of this low profile, all metal blade as a result of its unequalled mechanical strength and built in reliability. Currently in use on business, commercial and military jet aircraft, the DM N150 antennas have clear advantages over the other current designs:

- Extremely high side strength guards against breakage by ground handling gear.
- Completely sealed construction prevents failure from moisture intrusion.
- Lightning protection circuits prevent damage to antenna and safeguard electronic equipment.



**P/N:DMN150-9**

The DM N25 Series of glide slope antennas employ a grounded, center fed loop as the radiating element. The resulting radiation patterns are symmetrical. The DM N25-2 is a dual connector version which incorporates a hybrid. This circuitry effectively isolates the two associated receiving system providing protection against disablement of both systems in the event of failure in one system. The radiation pattern associated with each DM N-2 antenna port is identical, so that no coupler drop out problem during automatic landing occurs.

All DM N25 Series antennas provide complete lightning protection for the associated receivers. They are suitable for mounting either externally, or within a nose radome. The inherent 180 deg. pattern beam may be modified slightly by the geometry surrounding the installation. The DM N25 antennas are recommended for installations in close proximity to radar dish installations since the antenna's (glide slope) sensitivity is relatively unaffected by dish motion.



**P/N:DMN25-1**

### UHF BLADE / 225-400 MHZ / 1500W

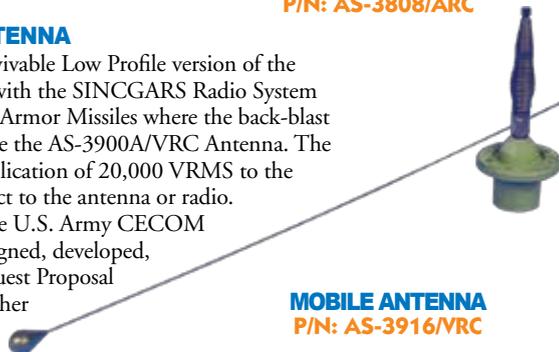
The AS-3808/ARC Antenna is designed for high power airborne UHF Communications. The antenna is produced to Electrospace Systems Specification EM-A0051 which specifies environmental tests per MIL-STD-810, an operating altitude of 70,000 ft and operating velocity shall be Mach 1.1 maximum at sea level and Mach 1.7 maximum above 27,000 ft. The AS-3808/ARC is painted with Skydrol resistant urethane coating per MIL-C-83286, Color White No. 17925. The antenna is a one-piece blade to replace the AT-1076/ARC Antenna.



**UHF BLADE**  
P/N: AS-3808/ARC

### SINGARS RADIO MOBILE ANTENNA

The AS-3916/VRC Antenna is a Survivable Low Profile version of the AS-3900A/VRC Antenna. It is used with the SINGARS Radio System on vehicles which launch TOW Anti-Armor Missiles where the back-blast of the missile launchers would damage the AS-3900A/VRC Antenna. The AS-3916/VRC can withstand the application of 20,000 VRMS to the antenna element without adverse affect to the antenna or radio. The AS-3916/VRC is produced to the U.S. Army CECOM Specification A3180155 and was designed, developed, and produced under a CECOM Request Proposal by R.A. Miller. The antenna has a higher power capacity to allow multiplexing of up to four (4) radios to a single antenna. This eliminates a co-site problem of multiple antennas interfering with each other.



**MOBILE ANTENNA**  
P/N: AS-3916/VRC

### BLADE COMM ANTENNA

The AT-1108/ARC Antenna is a combined VHF/UHF airborne communications antenna designed for usage airspeeds of less than Mach 1. The antenna housing is fiberglass epoxy, designed to withstand the exposure to sand and dust particles of desert areas and is foam-filled to reduce the effect of extreme temperature changes, extreme humidity, and excessive shock and vibration. The AT-1108/ARC is produced to Military Specification MIL-A-55680 and has continuous operation altitudes of up to 50,000 ft and temperatures between -65° F and 131° F. The antenna can withstand the impact shock of 30g and the steady-state acceleration of 6g. The isolation between the bands is > 40 dB. A gasket for RF shielding and positive sealing is included. The antenna is coated with a Skydrol resistant lusterless CARC black paint.



**BLADE COMM**  
P/N: AT-1108/ARC

### ANTENNA / 225-400HZ / "N" / 55MPA

The AT-256A/ARC Antenna is used for airborne communications on various fixed-wing and rotary-wing aircraft. The antenna is produced to Military Specifications MIL-A-5815 and MIL-A-5815/1. The antenna is designed to operate at the extreme temperature range of -65° F to 257° F with intermittent operation at 302° F and can withstand a static load of 8 psi perpendicular to the blade, with an ultimate of 12 psi. The AT-256A/ARC is protected by an anodic coating to prevent corrosion and the outside surfaces will resist particular erosion up to Mach 0.95. The antenna's sealability is tested to an altitude of 70,000 ft.



**ANTENNA**  
P/N: AT-256A/ARC

### AT-640A / ARN MARKER BEACON 75HZ

The AT-640A/ARN Antenna is a receive-only VHF Marker Beacon antenna used on both fixed-wing and rotary-wing aircraft. The antenna will meet the requirements of Military Specification MIL-A-5999 for electrical and environmental performance. The antenna is finished with a white Skydrol resistant polyurethane paint in accordance with Military Specification MIL-C-81773. The AT-640A has an operating temperature of -40° F to 140° F and experiences a drag force of 0.22 lb at airspeeds of 400 mph. Precipitation static is minimized through the use of a foam-filled fiberglass construction. The foam also reduces the effects of vibration, shock and temperature extremes.



**MARKER BEACON**  
P/N: AT-640A

### RADAR INTERROGATOR ANTENNA

The AT-884B/APX-44 Antenna is a Radar Interrogation antenna designed to receive vertically polarized signals at 1010-1030 MHz and radiate vertically polarized signals at 1010-1110 MHz. This antenna is constructed for capability of functioning during all normal maneuvers of the aircraft at all azimuth headings in respect to any radial to the interrogating radar location. The AT-884B is produced to the requirements of Military Specification MIL-T-55046. The antenna has an operating temperature range of -65° F to 130° F, an operating altitude of up to 30,000 ft, and is constructed to meet the environmental requirements of Military Specification MIL-E-5400. The antenna's outside surfaces are protected with a chemical resistant CARC green coating.



**RADAR ANTENNA**  
P/N: AT-884B



# NEW

## STEWART R. BROWNE

### PORTABLE STRING LIGHTS

These string lights are designed to provide a bright, rugged and easy to use task lighting system. It provides a modular system of lights which gives you the flexibility to use an indoor light for specific tight locations or the lights can be strung together to light up the interior of an aircraft. Used to maintain USAF KC-135, C-17 and C-130 aircraft.



Description	Lamp	Lumens	Length	Part Number
Portable String Light	(1) 50W, Twin Tubes	4,300	36"	6650
Portable String Light	(2) 50W, Twin Tubes	8,170	67-1/2"	6650-2
Portable String Light	(2) 50W, Single Tube	10,000	68"	6654

### HAZARDOUS LOCATION LIGHT

The XP65 was designed primarily for the aircraft industry. The narrow diameter housing and cool 8W fluorescent lamp makes it ideal for inspecting aircraft fuel systems or confined spaces. 8W, 50' cord.

**XP65 LIGHT**  
P/N: XP-65-50P



### "STUBBY II" WORK LIGHT

The STUBBY II work lights are ideal for use in non-hazardous locations and where water vapor or moisture can present risks to the worker. The "rough service" fluorescent lights offer bright lighting with lightweight design. 13W, 900 Lumens, 50' cord.

**STUBBY II**  
P/N: 1450V-16/3



## PETZL HEADLAMPS

**TIKKA™**  
P/N: E43P2



3-LED, Tilting Head Light

**TIKKA PLUS™**  
P/N: E47P



4-LED, Push Button Switch

**TACTIKKA™**  
P/N: E46PC



3-LED, Pivoting Red Filter, Camo

**ZIPKA™**  
P/N: E44P



3-LED, Retractable Head Strap

**ZIPKA PLUS™**  
P/N: E48P



4-LED, Retractable Head Strap

**TACTIKKA™**  
P/N: E46P2



3-LED, Pivoting Red Filter, Black

## PELICAN LIGHTS

### SHOWING YOU THE WAY

On land, by sea or at 500' deep, Pelican lights show you the way! With longer battery life and long-lasting bulbs, Pelican lights offer the brightness and safety you need. The IR lights are great for discretely marking hazards, targets or utility lighting...and are only seen under NVIS goggles.

**MINI FLASHER™**  
P/N: 2130C



**VB3 LED™**  
P/N: 2220CB



**M6 LED™**  
P/N: 2330CB



**M8 3C LED™**  
P/N: 8020B



**IR LIGHT™**  
P/N: 1930IR



**IR FLASHER™**  
P/N: 2130IR



# NEW 9450 REMOTE AREA LIGHTING SYSTEM

The 9450 Remote Area Lighting System combines our tough 1510 Carry On Case with 16 x 1 watt LEDs mounted in an aluminum heat sink. All items are stored inside the case and assemble in minutes. The aluminum pole extends to a height of 83" to provide 1280 lumens of light for any area. The rechargeable battery has 9 hours of life at maximum output tailing off to low light level at hour 17. The diffuser (included) can be mounted to change the beam from a focused spot to a diffused beam.

P/N: 9450

Light Source: LED

Tested Lumen Value: 100.0 (Low)  
1280.0 (High)

Tested Lux Value: 3470 without Diffuser  
151 with Diffuser

Batteries: 1 Sealed Lead Acid (IATA approved) (Included)

Battery Burn Time: 17hrs. (Total output)  
9 hrs. (Peak output)

Battery Pack/ Charging Time: Integrated 6 hrs

Watts: 25

Voltage: 12

Weight w/Batteries:  
54 lbs. (24.49 kg)



# PELICAN™

You break it, we replace it... forever.

## TACTICAL AUDIO CONTROLLER

The N301A provides upgraded performance in a plug compatible replacement for the A301-6. Many improvements have been incorporated such as extensive noise suppression and fully floating inputs to remove ground-loop or common mode noise. Both high and low impedance headsets are supported and mic outputs can be individually adjusted for each transceiver.

The N301A can be utilized in new installations where single or multiple user networks (up to 10 stations) are required. User controlled features of the N301A include split RX and ICS volume controls, VOX squelch control, an additional RX input for the AUX TX position and an extra Nav Aid position. Additional internal inputs have been added to improve airframe alerting capability. Each panel is self-contained, with solid state modular plug-in construction, sealed switching devices for low noise and gold switch/relay contacts for long life. Other features of the N301A include a CVR output, TX annunciator light, Emergency mode switch, and a second connector to permit supplemental inputs with two additional ICS buses (PVT & NAT) to support more complex ICS networks. A VOX circuit and front panel control on the N301A series provide the convenience of voice activated intercom.

NAT offers the N301A in standard configurations or customized panel layouts, with 5 VDC or 28 VDC standard Blue/White lighting, plus optional NVG compatible lighting. **Approved & in use by: DHS, DOS, US ARMY, USAF**

**Multiple Faceplate Configurations Available**  
**Call for P/N & Pricing**

**P/N: N301A**



## UNIVERSAL RADIO INTERFACE

The AA34-300 addresses the interface and switching requirements of mobile radios and telephones allowing them to be integrated with an aircraft audio system. The unit provides microphone excitation, impedance and level matching, relay keying and sidetone generation, all fully isolated from aircraft ground. The unit features floating key lines, radio audio, sidetone and microphone amplifiers, floating audio lines in and out, internal mic exciter with adjustable output and internally selectable functions and levels. **Approved & in use by: US ARMY, USFS, USAF, DOS**

**P/N: AA34-300**



## P2000 TRANSCIVER SYSTEM

The newest member of the Flexcomm family – the new P-2000 digital/analog tactical FM radio – was designed to provide maximum communications capability for aircraft with limited space. In addition to the efficient panel-mounted design, the multi-band P-2000 features a brilliant color LCD display that highlights critical information in an easy to read format.

The P-2000 delivers P-25 functionality and interoperability on one or two public service bands, yet its small Dzus rail footprint belies its robust performance on the VHF, UHF and 800 MHz bands. The system also provides maximum flexibility for those applications requiring separate crew and/or pilot radio control.

It's a focused and versatile solution for those who communicate on the tactical environment, and the P-2000 is ideal for airborne law enforcement, air medical rescue, homeland defense and other public service operators.

**Call for Configuration & Pricing Information**

**P/N: P-2000**



## NPX SERIES GENERAL DESCRIPTION

NAT's family of self contained panel mount FM transceivers are designed as stand-alone, mission specific radios. Their lightweight compact design is perfect for the space and weight restriction of helicopters and light fixed wing aircraft. Incorporating NAT's proven, user friendly Tac/Com II™ operating system, the NPX series is simple to program and easy to use. Main volume control and a scan select switch are conveniently located beside the display. The squelch test, channel up/down, and display brightness controls are easily identified along the bottom of the panel. A separate guard volume and guard transmit select switch is provided. With no complex patterns or codes to memorize, the NPX's straight forward controls and online "Help" screens insure intuitive operation. PC software is available for fast, convenient programming of complete channel information. The capability to upload and download NPX channels allows users to store multiple sets of operating frequencies for quick transitions between contract assignments. These compact radios incorporate solid chassis construction, user friendly controls and are tested to stringent aircraft environmental standards. Whether the mission is forestry, law enforcement, business communications or other applications, the NPX family of radios will satisfy the most demanding operational needs.

## ANALOG PUBLIC SERVICE BAND RADIO

This USFS compliant radio was specifically designed to fulfill contract required functionality. The synthesized frequency-agile transceiver allows easy access to all pre-programmed channels and the ability to modify or add channels on the fly.

At less than 2" high and 3 lb., NAT's self-contained panel mount NPX138 radios are designed as stand-alone units for the single mission user. The lightweight state-of-the-art compact design is perfect for the space and weight restricted environment of a helicopter or light fixed-wing aircraft.

Each of the 100 memory channels available can store a receive frequency with CTCSS tone, a transmit frequency with CTCSS tone, scan function and an alpha-numeric identifier on a 32 character LED display. Transmit power of 1 or 10 watts is easily selectable from the front of the NPX. Operating Frequency: 138- 174 MHz

The optional synthesized two channel guard receiver allows front panel tuning of user frequencies, ensuring communication integrity during complex flight operations. Each individual channel is operator selectable for wide (5 kHz deviation) and narrow band (2.5 kHz deviation) operation. DTMF encoding and direct keyboard programming can be added using NAT's DTE12.

Panel lighting is available in either 28, 14 or 5 VDC controlled through the aircraft dimmer bus. NVG compatible lighting is optional.

**AWR Approved in UH-60, UH-1 & CH-47**

**P/N: NPX138N-070**



## DIGITAL PUBLIC SERVICE BAND RADIO

This digital radio is a complete, self contained VHF panel mount APCO Project 25 compliant transceiver, capable of transmitting and receiving over the entire VHF band (136.000 - 173.997 MHz). An internal frequency agile synthesized guard receiver, and soft push button keypad are standard equipment. Operation is Project 25 and conventional Analog Simplex or Semi-Duplex.

Designed to Advanced Industry Standard: APCO Project 25 FDMA common air interface for complete interoperability.

Multi-Mode: Digital P25 and Analog wideband/narrowband, 16 zones, 257 channels total. **Available with or without 2-Channel Synthesized Guard**

Operating Frequency: 136 - 174 MHz

Backward Compatible: with existing wideband and narrowband analog FM systems on a channel for channel basis.

Future Options: Secure Transmissions: SBCF DES wideband analog encryption; APCO Project 25 narrowband digital OFB DES encryption option, will be available in future. **Available to Federal, State & Local Gov. Agencies via WSCA Contract #02702**

**P/N: NPX136D-070**



## FLYBOYS GEAR FOR PILOTS



### PUBS BAG - REGULAR

The most popular choice of most fighter and trainer pilots no matter what the airframe. Also, an excellent option for civilians looking for a no frills - priced right bag to keep a headset, charts, kneeboard or Jeppesen binders in.

Description	Part Number
Black Mission Publications "Pubs" Bag	FB1020 BLK
Blue Mission Publications "Pubs" Bag	FB1020 BLU
Green Mission Publications "Pubs" Bag	FB1020 GRN

### HELMET BAG - JUMBO - "THE FODENDER"

An all new version of what was already the best Helmet Bag available with new FOD prevention features! 420 Denier Cordura Nylon with 1/2" cloth poly-fill to cushion your helmet. Heavy duty nylon zipper - resists snags. Two interior pockets WITH VELCRO CLOSURE that fit your DTC, VTR tapes, sunglasses or water bottle without having them fall into the main compartment when you put it down! Minor, but a great new feature.



Description	Part Number
Black Oversized Helmet Bag	FB1121 BLK
Blue Oversized Helmet Bag	FB1121 BLU
Green Oversized Helmet Bag	FB1121 GRN

### KNEEBOARD WITH EYELETS & CLIPBOARD

A GREAT kneeboard featuring seven eyelets for securing checklists, plastic checklist pages or your in-flight guide every base has different spacing, so this board works AWESOME wherever you are! Combat tested in Kosovo, Iraq, Afghanistan, and Operation Iraqi Freedom... everywhere US airpower rules the skies. Not to mention thousands of hours of daily High-G training sorties stacked with low level maps, lineup cards, attack cards, and target photos.



Description	Part Number
Black IFR/VFR Pilot Kneeboard	FB1316 BLK
Blue IFR/VFR Pilot Kneeboard	FB1316 BLU
Green IFR/VFR Pilot Kneeboard	FB1316 GRN

### REGULAR CREW BAG

Slightly smaller than our large bag but with all of the features you will need to get the mission accomplished, and lots of value. Double stitching and heavy duty zippers will make this bag last a long time. Removeable shoulder strap with a rubberized pad which keeps this bag from slipping off of military flight jackets. Available in BLACK only P/N: FB3300RG



### LARGE CREW BAG

The removeable shoulder strap has a pebbled shoulder pad unique only to Fly Boys. This keeps the bag from slipping off of slick nylon shell flight jackets. Also all new in "Rev 1" is an all gray interior which is not as dark as a black interior and provides high visibility for finding items inside the bag in low light conditions. See how sturdy the moveable removeable interior dividers are built. You can set your bag up the way you want or need for the mission. A new retention sleeve for flashlights has been incorporated so you always know where to find it! Available in BLACK only P/N: FB3300LG



## SECURITY FORCES

### HARDIGG FIELD DESKS & FOOTLOCKERS

Hardigg Field Desks and Footlockers are self-contained, comfortable to operate, extremely rugged, and impervious to the hazards of shipping, such as shock, vibration, and extreme thermal conditions. These cases are airtight, watertight and as lightweight as possible...while providing total protection. All dimensions are all "inside" measurements.



Description	Part Number
Field Desk - Olive, 31"L x 21"W x 29"H	472FLDDESK
Field Book Shelf - Olive, 27"L x 20"W x 43"H	472BKSH100
Foot Locker - Gray, 29"L x 14"W x 12"H	472FTLK133
Foot Locker - Olive, 29"L x 14"W x 12"H	472FTLK137
Large Trunk Locker - Olive, 33-1/2"L x 14-1/2"W x 19"H	472TRLKLG
Small Trunk Locker - Olive, 22-1/2"L x 17"W x 14-1/4"H	472TRLKSM

### HARDIGG WEAPON CASES

The absolute necessity of safeguarding military weapons during shipping and storage is obvious to everyone in the forces. The best way to ensure that all weapons, weapon parts, maintenance equipment and weapon systems will arrive intact and combat-ready is by using the best reusable shipping cases available. Hardigg designs and manufactures the most top-notch rugged plastic containers in the industry. All Cases are "Olive" color.



Description	Part Number
Hardigg Case - Holds (1) M240B Machine Gun plus spare barrel	472-M-240B
Hardigg Case - Holds (1) M249 SAW plus spare barrel	472-M-249
Hardigg Case - Holds (6) M16 or M4	472-M-16-6
Hardigg Case - Holds (12) M16 or M4	472M-16-12
Hardigg Case - Holds (10) Beretta 9MM plus (1) extra magazine each	472-10-M9
Hardigg Case - Holds (24) M9 Beretta 9MM Pistols	472M9MMBR2

# NEW

## CLEANERS

### MEDIUM DUTY ELECTRO KLENE

#### MEDIUM DUTY ELECTRO KLENE

Medium Duty Electro Klene is a moderate strength cleaner which provides both solvent strength and flushing action to remove dust, dirt and light grease and oil from complex electronic assemblies. Formulated for use in electronic manufacturing, bench repair, and field service applications.

Allows fast cleaning of electronics without time consuming and tedious disassembly. Overspray will not damage most nearby components, painted surfaces, or coatings. The excellent dielectric properties of this cleaner assure that it will not cause shorts when powering up repaired equipment.

Medium Duty Electro Klene is formulated for components such as connectors, contacts, relays, tuners, servos, switches, solenoids, PCBs, motors, disc drives, capacitors, and similar electronic components. Although overspray will not damage most surfaces, this cleaner is not recommended for prolonged or heavy application on LCD displays, clear display panels, stressed polycarbonate, or highly solvent sensitive materials. Medium Duty Electro Klene is not intended for use on energized equipment.

- Evaporates quickly and leaves no residue
- Will not cause shorts when powering up repaired equipment
- Contains an environmentally friendly, non-chlorinated cleaning solvent
- 12 oz aerosol can



# Stoner

Description	Part Number
Medium Duty Electro Klene	94032

# NEW

### HEAVY DUTY ELECTRO KLENE

#### HEAVY DUTY ELECTRO KLENE

Heavy Duty Electro Klene quickly loosens and removes heavy oil, grease, dust, dirt and other residue from electrical and mechanical assemblies. Designed for high strength, heavy duty cleaning in electronic manufacturing, bench repair, and field service applications.

Heavy Duty Electro Klene provides rapid and powerful cleaning of electronic equipment such as industrial controls, motors, computers, printers, office machines, TVs, stereo equipment, optics, and other precision instruments. It will not damage most PCBs, components or markings. The flammability and excellent dielectric properties of this solvent make it suitable for cleaning some equipment while in operation.

Heavy Duty Electro Klene is formulated for solvent resistant components such as connectors, contacts, relays, tuners, servos, switches, solenoids, PCBs, motors, disc drives, capacitors, and similar electronic components. This high strength cleaner is NOT designed for use on polycarbonate, polystyrene, ABS, display panels, or other solvent sensitive materials or coatings.

- Evaporates quickly and leaves no residue
- Non-flammable and non-conductive
- Contains an environmentally friendly, non-CFC cleaning solvent
- 12 oz aerosol can



# Stoner

Description	Part Number
Heavy Duty Electro Klene	94052

### 3M NOVEC CHEMICALS



A.

B.

C.

Description	Part Number
A. Flux Remover 4 oz.	5113571697
B. Electronic Degreaser 4 oz.	5113571698
C. Contact Cleaner 4 oz.	5113571699

#### FLUX REMOVER

This chemical uses advanced 3M™ solvent technology to clean rosin solder fluxes, waxes and similar contaminants found in electronics manufacture and repair. It is also effective in removing hydrocarbon, silicone and fluorochemical oils and greases encountered in the maintenance of electromechanical devices such as electric motors, generators, HVAC, precision devices, machinery and much more!

#### ELECTRONIC DEGREASER

It effectively cleans hydrocarbon, silicone and fluorochemical oils and greases encountered in the maintenance of electronics, electric motors and generators, medical devices and other electromechanical and precision devices.

#### CONTACT CLEANER

This cleans light oils, greases, silicones, dust and particulates from sensitive electrical equipment, including connectors, printed circuit boards, electro-mechanical devices, scales, relays, and circuit breakers. It also effectively cleans fiber optic connectors during and after processing; prior to inspection; or during field installations. The product is fully compatible with plastics and other materials of construction.

### 3M MICROFIBER CLEANING CLOTH



The microfiber texture safely removes dust, oils and other debris from delicate surfaces without the use of chemicals, sprays or solutions. Ideal for CDs, DVDs, lenses, monitors and more. Machine washable...so you can use it over and over!  
**Microfiber Cleaning Cloth 7" x 6" P/N:9021**

### LPS PRODUCTS

#### HIGH PERFORMANCE CHEMICALS

The LPS Brand is recognized worldwide as the value-added, premium product. EDMO carries the complete line of LPS products. If you do not see the chemical or cleaner you're looking for, give us a call!



A.

B.

C.

D.

E.

F.

Description	Part Number
A. LPS 1 Greaseless Lubricant, 11oz.	00116
B. LPS 2 Industrial Strength Lubricant, 11oz.	00216
C. LPS 3 Rust Inhibitor, 11oz.	00316
D. Electro Cleaner Electro Contact Cleaner, 14oz.	00416
E. CFC Free Cleaner Electro Contact Cleaner, 11oz.	03116
F. Hand Towels Hand Cleaner Towels, 72 Towels	09200

# NEW

## FREEZE SPRAY

### STONER FREEZE SPRAY

Freeze Spray quickly lowers surface temperature to below zero deg. F so you can locate hot or defective electronic devices. Cools components to test for fefects or intermittent failure. Contains 100% pure tetrafluoroethane.

Freeze Spray has many uses in electronic manufacturing, maintenance, and repair. It solidifies or freezes viscous, fluid materials like bubble gum. Freeze Spray is harmless to metals, plastic, rubber, and critical electronic hardware. It leaves no residue, contains no CFCs, and is non-flammable and ozone safe.

- 10 oz aerosol can



Description	Part Number
Stoner Freeze Spray	94142

# NEW

## MULTI-PURPOSE FLUX REMOVER

### STONER FLUX REMOVER

Flux Remover rapidly removes rosin-based solder flux to give repairs a factory-new appearance. Evaporates quickly and leaves no residue that could interfere with conformal coating.

Flux Remover's low viscosity formula effectively cleans close tolerance SMT components. Its high pressure stream flushes away solder balls remaining from reflow soldering repairs.

This versatile cleaner also functions as a contact cleaner and degreaser for PCBs, components, connectors, and relays. Easily removes oily residue from boards, components, and connectors.

Flux Remover is formulated for solvent resistant components such as connectors, contacts, relays, tuners, servos, switches, solenoids, PCBs, motors, disc drives, capacitors, and similar electronic components. This high strength cleaner is NOT designed for use on polycarbonate, polystyrene, ABS, display panels, or other solvent sensitive materials or coatings. Flux Remover is NOT intended for use on energized equipment. Always allow equipment to completely dry before re-energizing.

- Rapidly removes solder flux to make repairs look factory-new
- Evaporates quickly and leaves no residue
- Rated as non-flammable aerosol by ASTM testing method D3065-01
- 12 oz aerosol can



Description	Part Number
Stoner Multi-Purpose Flux Remover	94072

## GRANITIZE CLEANERS

Granitize Aviation International was founded by experts in the fields of aircraft maintenance and quality protective products. We have developed a complete line of cleaners, coatings and protectants that have been tested and certified to the demanding standards of the aviation industry. Obtaining Boeing, Goodrich, AMS and other approvals for our line of aircraft products is part of Granitize Aviation's philosophy. Setting industry standards in the manufacture of car care products since 1930, Granitize Products, Inc. has expanded to three continents and more than 250 employees and representatives.



Description	Size	Part Number
A. Microfiber Synthetic Towel	15-1/2" x 15-1/2"	H-56
B. Xzilon #3 Exterior Protector Paint	16 oz.	X-20-15
Xzilon #3 Exterior Protector Brightwork	16 oz.	X-20-18
C. Racers Edge Aviation Polish	16 oz.	XRE
D. Xzilon Mink Oil	8 oz.	X-3P
E. Hard Surface Cleaner	1 Gal.	XG-5
F. Cleaner & Color Brightener	1 Gal.	XC-11
G. Surface Prep Clay Bar Less Aggressive	4-1/2"H x 1-1/2"W x 1"D	XC-12D
H. Surface Prep Clay Bar More Aggressive	4-1/2"H x 1-1/2"W x 1"D	XC-12L
I. Xzilon #3 Exterior Protection Kit Paint Xzilon #3 Exterior Protector (16 oz.); Microfiber Synthetic Towels (6 total); Felt Applicators (2 total); Latex Gloves (2 pair); Instructional DVD.	-	X-3500-15
Xzilon #3 Exterior Protection Kit Brightwork Xzilon #3 Exterior Protector (16 oz.); Dupont Sontara Aerospace Grade Wipes (1 pack); Aviation Cotton Diapers (6 total); 3M Blue 1" Masking Tape (1 roll); Latex Gloves (2 pair); Instructional DVD.	-	X-3500-18

## LPS PRODUCTS



Description	Part Number
A. Cold Galvanize Corrosion Inhibitor, 14oz.	00516
B. Electra-X Contact Cleaner, 15oz.	00816
C. Electro 140 degree Contact Cleaner, 11oz.	00916
D. TKX All - Purpose Penetrant, 11oz.	02016
E. NoFlash Electro Contact Cleaner, 15oz.	04016
F. Micro-X Fast Evaporating Contact Cleaner, 11oz.	04516
G. Precision Power Blaster Duster, 12oz.	05712

## NEW GUST PREMIUM DUSTER

### STONER GUST PREMIUM DUSTER

Gust Easy Duster, quickly blows dust, dirt, lint, hair, sand, sawdust, moisture and microscopic debris from hard-to-reach areas or delicate surfaces. Gust is like a compact, portable air compressor you can hold in your hand.

When you Dust with Gust, you get a blast of extremely clean, filtered, moisture-free, high pressure gas that will not scratch or harm glass, optics, plastics, rubber, or hardware when used as directed.

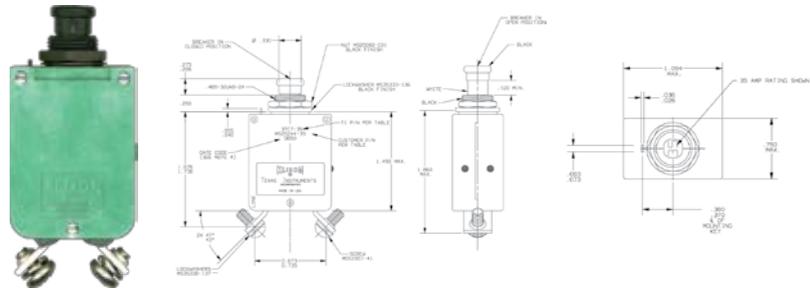
Gust is a time saving cleaning tool with a unique variable pressure trigger that lets you control the dusting pressure. Dust with Gust to clean keyboards, printers, computers, cameras, audio gear, mini-blinds, plants lamps, appliances, power tools, or any-where dust collects in your home, garage, office, or business.

- Contains 10 oz of 100% pure tetrafluoroethane
- Blasting power exceeds 80 psi.
- Non-flammable, non-ozone depleting, and filtered to 0.2 microns
- 10 oz aerosol can

Description	Part Number
Stoner Gust Premium Duster	94151



## MIL SPEC KLIXON CIRCUIT BREAKERS



Description	Mil #	AMP	Part Number
Klixon Circuit Breaker	MS25244-10	10	3TC7-10
Klixon Circuit Breaker	MS25244-15	15	3TC7-15
Klixon Circuit Breaker	MS25244-20	20	3TC7-20
Klixon Circuit Breaker	MS25244-25	25	3TC7-25
Klixon Circuit Breaker	MS25244-30	30	3TC7-30
Klixon Circuit Breaker	MS25244-35	35	3TC7-35
Klixon Circuit Breaker	MS25244-5	5	3TC7-5
Klixon Circuit Breaker	MS25244-7.5	7.5	3TC7-7.5

## SET SCREWS & WRENCH KITS

### SPLINE SET SCREWS W/ MATCHING WRENCHES

P/N: MSS-2



P/N: MHS-2



### HEX SET SCREWS W/ MATCHING WRENCHES

### SPLINE & HEX SET W/ MATCHING WRENCHES

P/N: MSSHS-2



For both Spline & Hex sets: Thread Sizes 1-72, 2-56, 3-48, 4-40, 5-40, 6-32, 6-40, 8-32, 8-36 and 10-32. (10 kits in 1/8" and 10 kits in 3/16" Lengths). A matching kit of (9) L-Key Wrenches Included.

This Spline & Hex kit contains a combination of part numbers "MSS-2" and "MHS-2".

### SPLINE WRENCH KIT #1 — #10

P/N: SS-508



### HEX WRENCH KIT 1/36" — 3/32"

P/N: HS-206

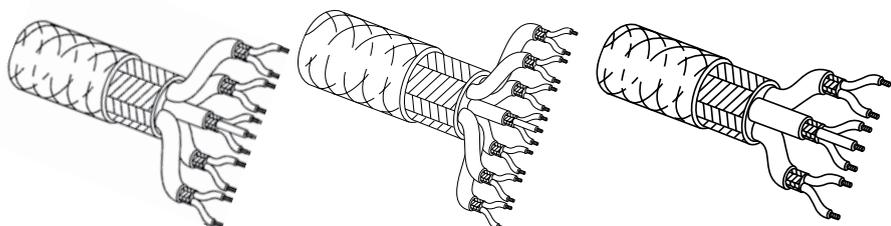
## STORMSCOPE SPECIALITY CABLE

We handle a variety of custom made cables for specific applications. If you need more information for any of the stormscope specialty cable, please call EDMO today! Sold in 1ft lengths.

**ANTENNA CABLE**  
Color: Blue  
P/N: WX1000-ANT

**COAX CABLE**  
Color: Red  
P/N: WX1000-DIS

**SYNCHRO CABLE**  
Color: Clear  
P/N: WX1000-SYN



## CONNECTORS

### AMP BNC CONNECTORS

## AMP



Part Number	Description
225395-1	Male Dual Crimp BNC - RG58
2-331350-1	Male Dual Crimp BNC - RG58, Silver Plated
225395-2	Male Dual Crimp BNC - RG59 - 62
225395-6	Male Dual Crimp BNC - RG142 - 400
225395-7	Male Dual Crimp BNC - RG174 - 316
2-225395-1	Male Dual Crimp BNC, RG8 - 213
225974-1	Rt. Angle Male Dual Crimp - BNC, RG58
225973-4	Rt. Angle Male Dual Crimp - BNC, RG142 - 400
225397-1	Female Panel Jack Dual Crimp - BNC, RG58
225398-1	Female Bulkhead Dual Crimp - BNC, RG58
225398-6	Female Bulkhead Dual Crimp - BNC, RG142

### AMP BNC CONNECTORS



225396-1	Female Dual Crimp BNC - RG58
2-331351-1	Female Dual Crimp BNC - RG58, Silver Plated
225396-2	Female Dual Crimp BNC - RG59-62
225396-7	Female Dual Crimp BNC - RG174-316

### AMPHENOL BNC CONNECTORS

## Amphenol®



31-320	Male Dual Crimp BNC - Mil Spec. M233293-01
31-320RFX	Male Dual Crimp BNC - RG58, RG142-400

## AMP PINS, SOCKETS & HARDWARE

## AMP

205089-1	Crimp Pin (Qty - 100) 24 - 20G, Closed Barrel
205090-1	Crimp Socket (Qty - 100) 24 - 20G, Closed Barrel
205980-1	Male Screw and Retainer (Qty - 100)
1-66506-0	Crimp Pin (Qty - 100) 24 - 20G, Open Barrel
1-66504-0	Crimp Socket (Qty - 100) 24 - 20G, Open Barrel
206942-1	Slide Latch Clip and Screws (Qty - 100)



**ALL ITEMS LISTED ON EDMO GSA SCHEDULE # GS-07F-5985R**

**IFF TRANSPONDER/INTERROGATOR TESTER**

The AN/APM-424(V)3 is a small hand-held unit that accommodates a variety of aircraft to test Transponder and Interrogator performance. It automatically adjusts both transmitter power and receiver sensitivity to the test environment. This permits the operator to assume a convenient location from 5' to over 250' for transponder testing and 50' to 1/4 mile for interrogator testing. Tests Mode 1, 2, 3/A, C, 4, 5, IFF, Interrogator, TCAS and E-TCAS.



**APM-424(V)3 TESTER**  
P/N: APM424V3

**AC FUEL QUANTITY TESTER**

The PSD60-1AF is designed to calibrate and troubleshoot any AC capacitive fuel, oil or LOX quantity system. This venerable tester is utilized extensively by rotary and fixed-wing military aircraft operators around the world. UH-60, UH-1, C-130, C-5 and CH-67.



**FUEL QTY. TESTER**  
P/N: PSD60-1AF

**DC FUEL QUANTITY TESTER**

The PSD30-2AF is a DC fuel quantity tester used on military and commercial DC systems.



**FUEL QTY. TESTER**  
P/N: PSD30-2AF

**AC FUEL QUANTITY TESTER**

The PSD60-2R Fuel Quantity Tester is an accurate, stable unit designed to test AC capacitance fuel quantity measurement systems and their line replaceable components. The PSD60-2R, with the appropriate interface cable, provides complete capability for testing most aircraft with AC capacitance fuel systems.



**FUEL QTY. TESTER**  
P/N: PSD60-2R

**ARINC 429 DATABUS ANALYZER**

The 429EN Data Bus Analyzer provides an easy method for troubleshooting ARINC 429 labels and has the capability to selectively trap labels three separate ways. Transmitted and received data can be viewed in either hexadecimal or easy-to-understand engineering format.



**DATABUS ANALYZER**  
P/N: 429EN



**USED EXTENSIVELY BY US NAVY**

**TRANSPONDER/INTERROGATOR/DME TESTER**

The SDX 2000 is the first new technology, fully programmable RF tester that provides complete test capability for all commercial and military pulsed L-Band avionics: ATCRBS and Mode-S Transponder (including data link), DME, TACAN & IFF.



**SIGNAL GENERATOR**  
P/N: SDX2000

**NAV/COM SIGNAL GENERATOR**

The NAV-2000R is the only generator needed to test ADF, Marker Beacon, VOR, LOC, Glideslope, HF, VHF & UHF COMM receivers. It offers a frequency range of 150 kHz to 450 MHz and is loaded with special avionic functions.



**SIGNAL GENERATOR**  
P/N: NAV-2000R

**AEROFLEX IFR 4000**

The IFR 4000 is a compact, lightweight and waterproof unit designed for testing ILS, VOR Marker Beacon and VHF/UHF Communications avionics systems.



**NAV COMM TEST SET**  
P/N: 4000-110

**AEROFLEX IFR 6000**

The All-New IFR 6000 features an extremely easy to use interface with the added Transponder Modes A/C/S and DME. Also, the TCAS/TIS and ADS-B options have been added to make the IFR 6000 a complete package that replaces the ATC-600A, ATC-601 and the TCAS-201. Approx. 8 lbs.

**TRANSPONDER / DME / TCAS TEST SET**  
P/N: 6000-110

**AC/DC FUEL QUANTITY TESTER**

The PSD90-1C AC/DC Capacitance Tester will test any AC/DC Capacitive Fuel, Water, LOX or Engine Oil Quantity System. It has new features that allow the user to better troubleshoot and isolate fuel system problems. Rugged in design, the unit can be used anywhere troubleshooting is required.



**FUEL QTY. TESTER**  
P/N: PSD90-1C  
P/N: PSD90-1M

**IFF TRANSPONDER RAMP TESTER**

The IFF-701TI with TCAS is an organizational level 1st line, portable battery operated tester for testing IFF transponders installed in airborne, naval or land based platforms.

It provides a comprehensive AUTO TEST function which allows the operator to verify and certify the operation of MK10A, MK12, MK/Mode-S IFF transponders. The IFF-701-TI contains TCAS, ETCAS & Interrogator test functions as well. *Currently in use by the Army TUAV Program.*



**IFF TESTER**  
P/N: 701TI-110

**GLOBAL POSITIONING SIMULATOR**

The IFR GPS-101 provides accurate and repeatable testing of GPS receivers. It achieves this testing capability by simulating a Global Positioning Satellite and generating a specific Satellite Vehicle & Navigation data pattern. Coupled with remotely loaded GPS almanac information & RF levels/frequency control, the GPS-101 provides a portable test solution for verifying the operational integrity of GPS systems.



**GPS SIMULATOR**  
P/N: 101-110-C

**MICROWAVE LANDING SYSTEM RAMP TESTER**

The MLS-801 ramp tester provides go/no-go verification of the Microwave Landing System angle receiver installed in an aircraft. This tester generates a single channel signal that includes all necessary AM and DPSK modulation for testing of the azimuth, elevation, clearance functions...and more!



**MLS TESTER**  
P/N: MLS-801

**AVIONICS SIGNAL GENERATOR**

The Nav-750C provides internal generation of waveforms suitable for testing VOR, ILS, Marker Beacons & SELCAL radio receivers. With a frequency range of 100 KHz to 1.35 GHz, it also covers the RF range for full ADF and VHF/UHF, AM/FM COMM testing, Avionics parameters are presented in the same form as described in the ICAO standards. This unit offers an ideal single instrument solution for the testing of avionics receivers, transceivers and NAV systems. The use of Direct Digital Synthesis techniques ensures excellent accuracy and stable performance under all operating conditions.



**SIGNAL TESTER**  
P/N: NAV-750C





ALL ITEMS LISTED ON EDMO GSA SCHEDULE # GS-07F-5985R

### TRANSPONDER & DME BENCH TESTER

The ATC-1400A Transponder/DME Bench Tester provides complete testing capability of modern ATC transponders and DME equipment. When used in conjunction with the T-1401, I-1402, S-1403 or SI-1404; the testing capability of the ATC-1400A can be expanded for TACAN, Mode 4/IFF or Mode S transponders... making it the most versatile pulse RF source in the avionics test equipment industry.



**XPNDR/DME TESTER**  
P/N: 1400A-110

### T-1401 ACCESSORY

The T-1401 provides a user friendly test solution for TACAN receiver/transmitters.



**TACAN ACCESSORY**  
P/N: 1401-110-C

### I-1402 ACCESSORY

The I-1402 provides a friendly test solution for MK10A and MK12 IFF transponders and interrogators.



**MODE 4 ACCESSORY**  
P/N: 1402-110-C

### S-1403 ACCESSORY

The S-1403DL/MLD provides a complete test solution for Mode S and Mode S "Datalink" capable transponders.



**MODE S ACCESSORY**  
P/N: 1403-110-C

### SI-1404 ACCESSORY

SI-1404 provides a comprehensive 3rd Line/Depot Level test solution for next generation MK12/Mode S IFF transponders.



**MK12 ACCESSORY**  
P/N: 1404-110-C

### WEATHER RADAR BENCH TESTER

The RD-301A X-Band Weather Radar tester provides additional enhanced functions and capabilities to meet and satisfy simulation requirements of non-coherent Weather RADAR systems. These low power, narrowband, turbulence processing RADARS demand optimum performance of the magnetron pulse. The RD-301A provides the technician with the tools he needs to ensure correct alignment and operation.



**RADAR TESTER**  
P/N: 301A-C

### MICROWAVE LANDING SYSTEM BENCH TESTER

The MLS-800 is a microprocessor controlled Ground Station Simulator designed to operate from a bench test environment. Test parameters are selected via a 44-position keyboard and displayed on test operational menus.



**MLS TESTER**  
P/N: MLS-800

### RVSM DIGITAL AIR DATA TESTER

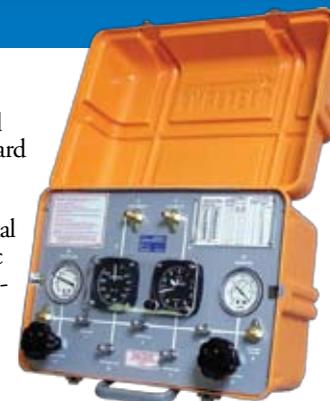
The DPS-350 Air Data Tester is a microprocessor based unit using the latest in transducer technology. It operates similar to Barfield's 1811 series testers, but the transducer technology used is virtually immune to the costly repairs generally experienced by analog instruments.



**AIR DATA TESTER**  
P/N: DPS-350

### 1811D PITOT/STATIC TESTER -2 INSTRUMENT

The 1811D is an inexpensive, portable field tester ideal for leak testing aircraft pitot and static systems or on-board testing of altimeters and airspeed indicators. It is configured with hand pumps and external pressure ports for supplying the necessary pressure and vacuum (no external power required) needed for on-board testing. This pitot/static tester is very practical for new facilities or those with a limited budget.



**PITOT/STATIC TESTER**  
P/N: 1811D

### 1811GA/HA PITOT/STATIC TESTER -3 INSTRUMENT

The 1811GA/HA testers are portable, self-contained units, used for testing and calibrating aircraft pitot/static systems. This tester uses three analog instruments (Altimeter, Vertical Speed and Airspeed) with the appropriate correction cards to perform aircraft leak tests or instrument calibrations. It is configured with hand pumps only (1811GA) or hand pumps and AC power (1811HA) capability. Either model can be fitted with the digital instruments below for increased accuracy & reliability.



**PITOT/STATIC TESTER**  
P/N: 1811GA  
P/N: 1811HA

### DIGITAL ALTIMETER & DIGITAL AIRSPEED

The aviation industry has an enormous need for more reliable and cost effective tools for performing standard pitot/static system leak tests. The DALT55 Digital Altimeter and the DAS650 Digital Airspeed indicator were designed to be a direct replacement to the current analog instruments. The DALT55 & DAS650 use state-of-the-art transducer technology for pressure measurements, making them virtually immune to the frequent and costly repairs generally associated with analog instruments.



**DIGITAL ALTIMETER**  
P/N: DALT-55



**DIGITAL AIRSPEED**  
P/N: DAS-650

### SIGHT COMPASS

The SC063 is used to check the mounted aircraft compass. It is unique in that the compensating magnets have been removed and a combination magnifying lens and collimating sight added. The compass indicates magnetic direction at all times and is not subject to calibration offsets. Accurate to  $\pm 1^\circ$ . Includes monopod and protective carrying case.



**SIGHT COMPASS**  
P/N: SC063

### HIGH VOLTAGE/LOW CURRENT MEGOHMMETER

This megohmmeter is designed to check the insulation breakdown in a variety of applications requiring a high voltage but low current. Selectable test voltages: 45, 100, 200 and 500 VDC. Meter range: 0.5 to 1000M $\Omega$ .



**MEGOHMMETER**  
P/N: 2471F

### DIGITAL TURBINE TEMPERATURE TESTER

The TT1200A is specifically designed to accomplish all requirements for testing the aircraft Chromel-Alumel (K type) turbine temperature measuring systems. The tester can measure resistances down to 0.001  $\Omega$ , measure insulation up to 200 M $\Omega$ , perform indicator runouts with a resolution of .1 $^\circ$ C or 1 $^\circ$ C and a range of 1372 $^\circ$ C, and can also display the equivalent  $^\circ$ F or millivolts and may be used as a master indicator as well.



**TEMP. TESTER**  
P/N: TT1200A

### PRESSURE "DEAD WEIGHT" TESTER

The 2311FA tests aircraft pressure systems for both reciprocating and turbine engine pressure systems. It provides pressure for testing pressure transmitters, warning switches pressure-type torque (BMEP) indicators and system leak testing in the range of 0-600 PSI. Two types of gauges are recommended and are available for standard or inspector accuracy requirements.



**PRESSURE TESTER**  
P/N: 2311FA