

# ELECTRONICS INTERNATIONAL ACCESSORIES

## AP-7H OR AP-7V LED ANNUNCIATOR PANEL



(H = Horizontal Mount; V = Vertical Mount) When mounted in front of the pilot, the AV-7 Annunciator Panel's bright red LEDs give a quick warning of any out-of-limit condition. Can be connected to these E.I. instruments: US-8A or SR-8A, FP-5(L) and/or FL-2, R-1, M-1, and OPT-1. A control switch will dim or turn off the warning LEDs. Simple to install (requires only 8 ea. 1/2" holes to mount). Connect to a small 3" x 2" x 1" Control Box tie wrapped to a wire bundle under the instrument panel. Size: 5.3" x .9", 10 Oz. Kit, Operates on a 12 or 24-volt system. Includes: Annunciator Panel, Control Box and all wires and connectors.

Vertical..... P/N 10-03288 .....  
Horizontal (Pictured)... P/N 10-03289 .....

## AL-1(X) CHROME ANNUNCIATOR LIGHT



(X) = "R" for Red, "Y" for Yellow, "B" for Blue, "G" for Green or "O" for Orange. The AL-1 makes an excellent indicator light for displaying boost pump on, gear status, power on, flags, etc. Also, it can be used as a remote warning light for any E.I. instrument featuring an external warning line. The AL-1 is more attractive, operates on less power and is smaller than old-fashioned indicator lights.

The AL-1 has a service life of over 1000 times that of incandescent bulbs. Mounts in a 5/16" hole. Size: .4" diameter x 1" depth. Operates on a 12 or 24-volt system. Comes with 32" leads.

P/N 10-03291 .....



## AV-17 VOICE ANNUNCIATOR

The AV-17 can provide up to 17 verbal warnings through your headset, ending the need to constantly scan the instrument panel. Eliminate concern about missing an alarm at a critical moment. The instant a monitored alarm occurs, the Voice Annunciator will chime in the headset and a pleasant female voice will announce a phrase, such as: "Check Oil Pressure," or "Check Altitude," etc. The AV-17's voice alarm in the headset provides an instant and clear understanding of what's going on in the cockpit without the hassle of having to scan instruments, decipher functions, interpret readings or translate numerous bells, buzzes or beeps. The AV-17 connects to the headset through the Audio Panel or Intercom or may be connected directly to the headset. The AV-17 receives most of its warning signals from any one or more of Electronics International's instruments which feature a warning light. However, other alarm inputs can be received from any warning device that drives a horn or light. It is not necessary to activate all 17 of the AV-17's warnings. A "Check Bus Voltage" warning is built into each AV-17. Further voice alarms can be activated as EI instruments are added to the panel. The AV-17 is compact. A 4.1" x 2.6 x 1.7" Control Box tie wraps under the instrument panel. A 1" x 1" Control Panel mounts on the aircraft instrument panel. The Control Panel allows you to turn the Voice Annunciator on or off, and allows you to acknowledge, and thereby deactivate, any active alarm for either 1 minute or 10 minutes. The AV-17 voice alarms are activated by pulling the appropriate control line to ground (0 volts).

**AVI-1 MODULE** - This Module allows a positive voltage to activate one AV-17 control line. Use with the AV-17 when utilizing inputs from gauges other than Electronics International's.

AV-17..... P/N 10-00181 .....  
AVI-1..... P/N 10-03292 .....

## FIELD TEST DEVICES

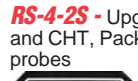
Models	Description	Part No.	Price
FCD-T	Outputs a calibrated temperature signal. May be used to test any E.I. temperature instrument (approximately 1400°F).	10-03294	.
FCD-FF	Outputs a variable fuel flow signal.	10-03295	.
FCD-FP	Outputs a variable fuel pressure signal (0 to 50+ PSI).	10-03296	.
FCD-OP	Outputs a variable oil pressure signal (0 to 100+ PSI).	10-03297	.
FCD-RPM	Outputs a variable RPM signal (800 to 2800 RPM).	10-03298	.
FCD-AMP	Outputs a 50mV signal. Used to test the VA-1A-XX Volt/Amp Instrument.	10-03301	.
FCD-CFL	Outputs a variable capacitive fuel level signal.	10-03302	.
FCD-RFL	Outputs a variable resistive (0-250 ohms) fuel level signal.	10-03303	.

## REMOTE SWITCHES

A remote switch may be used to upgrade many single-channel E.I. instruments to multi-channel EGT and/or CHT engine analyzers. This is an excellent way to insure your engine is operating properly. Specifications for all switches: Body - 1"x 1"x 1.5" depth, front panel - 2"x 1.15", STC'd / PMA'd



**RS-4-1S** - Upgrades any unit to read four channels of EGT or CHT, Package includes: Unit, (3) 6' cables, (3) probes. Specify probe type with order. P/N 11-01688 .....



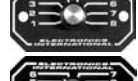
**RS-4-2S** - Upgrades any two channel unit to read four channels of EGT and CHT, Package includes: Unit, (6) 6' cables, (3) EGT probes, (3) CHT probes P/N 11-01689 .....



**RS-6-1S** - Upgrades any unit to read six channels of EGT or CHT, Package includes: Unit, (5) 6' cables, (5) probes. Specify probe type with order. P/N 11-01690 .....



**RS-6-2S** - Upgrades any 2 channel unit to read six channels of EGT and CHT, Package includes: Unit, (10) 6' cables, (5) EGT probes, (5) CHT probes P/N 11-01691 .....



**RS-8-1S** - Upgrades any unit to read eight channels of EGT or CHT, Package includes: Unit, (7) 6' cables, (7) probes. Specify probe type with order. P/N 11-01692 .....



**RS-12-1S** - Upgrades any unit to read 12 channels of EGT or CHT, Package includes: Unit, (11) 6' cables, (11) probes. Specify probe type with order. P/N 11-01693 .....

## PRIMARY REMOTE SWITCHES

REMOTE SWITCHES for use w/ EI 1 or 2 channel EGT/CHT instruments. STC'd, PMA'd Electronics International gauges are available to replace your Primary Engine Instruments. Available for single and twin engine applications.

**RS-5-1PS** - Upgrades any primary TIT/CHT unit to read 4 channels of EGT or CHT, Package includes: Unit, (4) 6' cables, (4) probes. 15 oz. kit Specify probe type with order..... P/N 11-01694 .....

**RS-5-2PS** - Upgrades any primary TIT/CHT unit to read 4 channels of EGT and CHT, Package includes: Unit, (8) 6' cables, (4) EGT probes, (4) CHT probes. 2.2 lb. kit..... P/N 11-01695 .....

**RS-7-1PS** - Upgrades any primary TIT/CHT unit to read 6 channels of EGT or CHT, Package includes: Unit, (6) 6' cables, (6) probes. 27 oz. kit. Specify probe type with order..... P/N 11-01696 .....

**RS-7-2PS** - Upgrades any primary TIT/CHT unit to read 6 channels of EGT and CHT, Package includes: Unit, (12) 6' cables, (6) EGT probes, (6) CHT probes. 3.2 lb. kit..... P/N 11-01697 .....

## PROBES

**P-100** CHT Probe; screw-in type, Standard with most kits. Can be used in a pressure environment. 700°F max. P/N 10-00808 .....

**P101** - CHT Probe; Military Bayonet type, 1/4 turn locking for quick removal. To be used with the A-101 adaptor. 700°F max. P/N 10-00438 .....

**A101** - CHT Adaptor; 3/8" - 24, to be used with the P-101 CHT probe. P/N 10-00374 .....

**P-102** - CHT Probe; Gasket type, 18mm, 700°F maximum. P/N 10-01368 .....

**P-110** - EGT/TIT Probe; Hose clamp type, used with 13/64" hole. Standard with most kits. Weight: 1.6 oz. P/N 10-01591 .....

**FAST RESPONSE P-110** - EGT/TIT Probe; Hose clamp type, used with .130" hole. Optional with most kits. Weight: 1.6 oz. P/N 10-00376 .....

Probe only ..... P/N 10-00376 .....

Probe w/6' cable..... P/N 10-00377 .....

**P-111** - TIT Probe; 1/8" NPT with adjustable depth. (with cable) P/N 10-25235 .....

**P-112** - TIT Probe; 7/16"-20, with adjustable depth. (without cable) P/N 10-00378 .....

**P-114** - TIT Probe; 1/4" NPT with adjustable depth. (without cable) P/N 10-00379 .....

**P-120** - Oil Temp. Probe; Can be used in a pressure environment, 700°F max. P/N 10-25245 .....

**P-128** - OAT/Carb Temp. Probe; uses a precision connector, can be used in a pressure environment, 700°F max. P/N 10-00301 .....

**P-104** - Universal Probe; Used to measure surface temperatures, 700°F max. P/N 10-00380 .....