

# AEROSPACE LOGIC

## AEROSPACE LOGIC CHT INDICATORS



Full color CHT instrument that provides simultaneous, real-time display of all cylinders. This kit includes thermocouple probes, all connectors and installation hardware. Functionality TSO'd and meets the temperature accuracy requirements of SAE AS8005 for a Class IIa (+/- 1%) instrument. Functional displays include: Real-time cylinder temperature display Single cylinder temperature monitoring while retaining graphic indications Graphic trend analysis and viewing of all cylinders simultaneously Programmable shock cooling monitor and indication TSO C43c

| Part No. | Model No. | Description                          | Cyl. | Price |
|----------|-----------|--------------------------------------|------|-------|
| 10-04485 | CT204R2   | CHT Instrument With 12mm Ring Probes | 4    | ---   |
| 10-04486 | CT204R4   | CHT Instrument With 14mm Ring Probes | 4    | ---   |
| 10-04487 | CT204R8   | CHT Instrument With 18mm Ring Probes | 4    | ---   |
| 10-04484 | CT204B    | CHT Instrument With Bayonet Probes   | 4    | ---   |
| 10-04362 | CT206R2   | CHT Instrument With 12mm Ring Probes | 6    | ---   |
| 10-04365 | CT206R4   | CHT Instrument With 14mm Ring Probes | 6    | ---   |
| 10-04367 | CT206RB   | CHT Instrument With 18mm Ring Probes | 6    | ---   |
| 10-04358 | CT206B    | CHT Instrument With Bayonet Probes   | 6    | ---   |
| 10-05171 | ECT204    | CHT And EGT Combo Kit without probes | ---  | ---   |

## AEROSPACE LOGIC EGT INDICATORS



Full color EGT instrument that provides simultaneous, real-time display of all six cylinders. This kit includes six Type-K ungrounded, 1 1/2" EGT clamp type thermocouple probes, all connectors and installation hardware Exhaust gas temperature functionality is TSO'd and meets the temperature accuracy requirements of SAE AS8005 for a Class IIa (+/- 1%) instrument

Functional displays include: Real-time cylinder temperature display, Menu select option for fast selection of display type, Automated rich-of-peak (ROP) leaning function, Automated lean-of-peak (LOP) leaning function, Single cylinder temperature monitoring while retaining graphic indications for all cylinders, and Graphic trend analysis and viewing of all cylinders simultaneously TSO C43.

| Part No. | Model No. | Description                             | Cyl. | Price |
|----------|-----------|---|------|-------|
| 10-04402 | ET204P1   | EGT Instrument with 1-1/2" Clamp Probes | 4    | ---   |
| 10-04403 | ET204P2   | EGT Instrument with 2" Clamp Probes     | 4    | ---   |
| 10-04404 | ET204P3   | EGT Instrument with 2-1/2" Clamp Probes | 4    | ---   |
| 10-04405 | ET204PB   | EGT Instrument with Bayonet Probes      | 4    | ---   |
| 10-04413 | ET206P1   | EGT Instrument with 1-1/2" Clamp Probes | 6    | ---   |
| 10-04414 | ET206P2   | EGT Instrument with 2" Clamp Probes     | 6    | ---   |
| 10-04415 | ET206P3   | EGT Instrument with 2-1/2" Clamp Probes | 6    | ---   |
| 10-04416 | ET206PB   | EGT Instrument with Bayonet Probes      | 6    | ---   |

## AEROSPACE LOGIC FUEL PRESSURE/ AMMETER/VOLTMETER



The FA200 is an advanced, next generation fuel pressure and ammeter combinational instrument This kit includes an A200-PSF fuel pressure sensor, an A200-HAS Hall Effect current shunt and all installation hardware. meets requirements of SAE AS408C. Functional displays include Real-Time analog data depiction and digital value display Graphical trend display of fuel pressure and ammeter data TSO C47a

| Part no. | Model No. | Description                                  | Price |
|----------|-----------|--|-------|
| 10-04449 | FA200K    | Fuel Pressure and Ammeter Kit                | ---   |
| 10-04451 | FA200VK   | Fuel Pressure and Ammeter Kit With Voltmeter | ---   |

## AEROSPACE LOGIC TACHOMETER KIT



The TM200 is a precision tachometer that provides RPM data accurate to +/- 1RPM. RPM indication in both analog and digital format, including support for engines that require a limited RPM range, Engine time Trend graph function representing RPM vs. Time This instrument kit includes the Hall Effect sensor for single magnetos. The sensor is mounted in the vent hole (closest to the engine) of the magneto. The instrument will work on all 4, 6 and 8 cylinder aircraft engines. TSOC49b

| Part no. | Model No. | Description                        | Price |
|----------|-----------|------------------------------------|-------|
| 10-04478 | TM200B    | Tachometer Kit for Bendix Mag      | ---   |
| 10-04477 | TM200S    | Tachometer Kit for Slick Mag       | ---   |
| 10-05179 | TM202B    | Tachometer Kit for Dual Bendix Mag | ---   |
| 10-05513 | TM202S    | Tachometer Kit for Dual Slick Mag  | ---   |

## AEROSPACE LOGIC FL-100 DUAL FUEL LEVEL INDICATORS



Fuel level functionality is TSO'd and meets the repeatable accuracy requirements of SAE AS405C, +/- 1US Gallon. Functional displays include: Graphical indication of fuel level in each tank Selectable digital fuel quantity for each tank Fully programmable color indication to meet all aircraft marking requirements Graphical fuel level indication, starting at power on The FL202 instrument is TSO'd and STC'd as a primary replacement instrument under all flight conditions. It is a requirement of the STC that this be the only fuel level indicator, when installed. The FL202 instrument utilizes the existing fuel senders.

| Part No. | Model No. | Description                              | Price |
|----------|-----------|--|-------|
| 10-05174 | F1201     | Single Tank Resistive 300 Ohm Fuel Level | ---   |
| 10-04432 | FL202     | Dual Tank Resistive 300 Ohm Fuel Level   | ---   |
| 10-05515 | FL251     | Single Tank 0-5v Fuel Level              | ---   |
| 10-04443 | FL252     | Dual Tank 0-5v Fuel Level                | ---   |

## AEROSPACE LOGIC PRESSURE & TEMPERATURE



The OPT200 is an advanced, next generation oil pressure and temperature combinational instrument. Oil temperature is TSO'd and meets the temperature accuracy requirements of SAE AS8005, while oil pressure meets the requirements of AS408C. Functional displays include: Real-Time analog data depiction and digital value display for both pressure and temperature Graphical trend display of both oil pressure and temperature data The OPT200 is TSO'd and STC'd as a primary replacement instrument under all flight conditions. This kit includes an A200-TSO oil temperature sensor and an A200-PSO oil pressure sensor plus all installation hardware

| Part No. | Model No. | Description                                     | Price |
|----------|-----------|---|-------|
| 10-04465 | OPT200K   | Oil Pressure and Temperature Kit                | ---   |
| 10-04467 | PT200VK   | Oil Pressure and Temperature Kit with Voltmeter | ---   |
| 10-04469 | OP202K    | Dual Oil Pressure Kit                           | ---   |
| 10-04471 | OP202VK   | Dual Oil Pressure Kit with Voltmeter            | ---   |
| 10-04473 | OT202K    | Dual Oil Temperature Kit                        | ---   |
| 10-04475 | OT202VK   | Dual Oil Temperature Kit with Voltmeter         | ---   |

## AEROSPACE LOGIC VOLTMETER / AMMETER



The VA200 is an advanced, next generation voltmeter and ammeter combinational instrument The ammeter portion of this instrument may be used as either a normal ammeter, indicating both charge and discharge current or a loadmeter, displaying the total load on the alternator/generator. STC'd as a primary replacement. Model No. VA200K. Voltmeter And Ammeter Kit Includes 100amp Shunt .....P/N 10-04480

## AEROSPACE LOGIC CLOCK & OUTSIDE AIR TEMPERATURE



The CA200 is an advanced, next generation airborne timepiece plus a seven input annunciator. It can scan seven 200 Series instruments and report any out-of-limit conditions the moment they occur; all on one instrument. The CO200 is identical to the CA200 with the exception of the annunciator function. Outside air temperature functionality is TSO'd and meets the temperature accuracy requirements of SAE AS8005 for a Class IIa (+/- 1%) instrument. Functional displays include: • UTC Time • Local Time • Chronograph • Flight Time and Interval Timer • Seven annunciator sense inputs (CA200 only). P/N 10-04348

## AEROSPACE LOGIC SENSORS AND PROBES

| Description                             | Part No. | Price |
|---|----------|-------|
| A200-TEC5 EGT Probe Kit                 | 10-04813 | ---   |
| A200-TEC20 EGT Probe Kit                | 10-04812 | ---   |
| A200-TEC25 EGT Probe Kit                | 10-04800 | ---   |
| A200-HAS Hall Effect Current Shunt      | 10-04808 | ---   |
| A200-PSF Fuel Pressure Sensor           | 10-04804 | ---   |
| A200-HMB Bendix Rotational Speed Sensor | 10-04806 | ---   |
| A200-HMS Slick Rotational Speed Sensor  | 10-04807 | ---   |
| A200-PSO Oil Pressure Sensor            | 10-04805 | ---   |
| A200-TSO Oil Temperature Sensor         | 10-04801 | ---   |
| A200-TCB Bayonet CHT Probe Kit          | 10-04799 | ---   |
| A200-PMP Manifold Pressure Sensor       | 10-04803 | ---   |
| A200-TSA Air Temperature Sensor         | 10-04802 | ---   |

PLEASE SEE OUR WEBSITE FOR ADDITIONAL MODELS, INCLUDING STC'D MODELS.