

# REPLACEMENT TURBOPROP INSTRUMENTS

(FAA TSO'd & 8130-3 Airworthiness Approval Tag Provided)

Our 2" TR-1 provides exceptional performance, reliability and features; a design driven by over 38 years of experience. If you need to replace or overhaul an old failing instrument, consider buying one of our TR-1s; designed with the latest digital technology and offered at an exceptionally low price! We're able to make this offer with a money-back guarantee because we're confident you'll love the performance, reliability and features these instruments offer.



NG



NP



TQ



ITT

**Also Available:**

Fuel Flow, Fuel Level, Fuel Press, Oil Press, Oil Temp, EPR, Volts, Amps, OAT, TAT, AOA, Diff Air Press, Cabin Press, O<sub>2</sub> Press, Hyd, Press, Bleed Air Temp and others.

## TR-1-XX:

**Standard Package \$1,700**

- 1 year warranty.
- 8130-3 airworthiness approval tag provided.

## TR-1-XX-P

**Premium Package \$2,000**

- 3-year warranty.
- Works with EI's Data Recorder BC-5R.
- Priority service on warranties and orders.
- Free overnight shipping on warranties and orders (USA only).
- Warranties will be handled by providing an exchange unit.
- Spare printed faceplates with your aircraft's markings will be held in stock.
- Spare blank units (without faceplates) will be held in stock.
- 8130-3 airworthiness approval tag available at no charge.
- No Risk, three month money-back guarantee.
- Exchange the unit(s) for an MVP-50T within one year and get full credit on TR-1s purchased.

## TR-1 Data Recording Option

**\$996**

- 3 BC-5R Data Recorder
- Stores 5,000 hours at 3 times a second
- Accepts Up To 7 EI Instruments + GPS
- Easy USB Download

## TR-1 Premium 4 Instrument Package

**\$8,000**

- Choose 4 Different Premium TR-1 Instruments.
  - Duplicate Instrument(s) May Be Allowed
- Data Recorder (BC-5R)
  - Accepts up to 7 EI Instruments and 1 GPS Input
  - Master Warning Annunciator
  - Resettable Exceedance Annunciator
  - Stores 5,000 hours at 3 times a seconds
  - Easy USB download

## SPECIFICATIONS / FEATURES

- **Size:** 2" standard round (MS28042-1A mount), 4.23" Long
- **Weight:** 0.3 Lbs.
- **Power:** 6 to 55 Volts, 0.075 Amps @ 28V (Typical).
- **Connector:** DB-15
- **Environmental:** DO-160G
- **Software:** Designed and Documented to DO-178C, Level C
- **FAA Certified to TSO:** -C43c, -C44c, -C45b, -C47a, -49b, -C55a
- **Display:** 210° Analog Arc and a Digital Display with 4 Digits
- **Markings:** Custom Faceplate
- **Dimming:** Auto (electric eye, standard) and Manual (optional)
- **Data Recording:** 1,000+ hours at 1 sec. per record for trend analysis and logging exceedances (*only available on Premium Package*)
- Rugged and reliable design (unlike many old needle gauges).
- Optional RS-232 input and output port to interface with EEC's, FADEC's and other devices
- Custom calibration (mapping) for unparalleled accuracy.
- Optional two open-collector (pull-down) for controlling external warning lights or props (*0.1 Amps max*)
- Optional ARINC 429 compatible via the BC-5 (contact us for details).

## Data Recorder (BC-5R) Package

**\$996**

- Accepts up to 7 EI Instruments + 1 GPS Input
- Replaces Old MUX-8A Data Recorder
- Master Warning Annunciator
- Resettable Exceedance Annunciator
- Stores 5,000 hours at 3 times a seconds
- Easy USB download

## BC-5R Package Includes:

- BC-5R Unit
- BC-5R OI/II
- EI Logo USB Stick
- Panel Mount USB Port for Easy Download