



# Torque TR-1-TQ Configuration Worksheet

Electronics International Inc. will configure the TR-1-TQ to the range limits provided by the pilot/owner and/or mechanic. The data provided must match your aircraft's POH/AFM and all changes required by AD's, Supplements and/or STC's. Also, limits may be crosschecked against the instrument previously mounted in the aircraft panel. If any of the information provided on this form is incorrect and requires a reconfiguration, there will be an additional fee.

| Standard <input type="checkbox"/> Premium <input type="checkbox"/>  |       |                          |
|---|-------|--------------------------|
| Torque Pressure Limits UNITS: <input type="checkbox"/> PSI <input type="checkbox"/> % <input type="checkbox"/> FT-LBS |       |                          |
| RANGE   | COLOR | EXAMPLE                  |
|   |       | 3400-4000FT-LBS, RED     |
|   |       | 3180-3400 FT-LBS, YELLOW |
|   |       | 0-3180 FT-LBS, GREEN     |
|   |       |                          |
|   |       |                          |

**Select ONE of the following three options:**

- Torque is measured in PSI and displayed in PSI. PSI for Max Torque: (\_\_\_\_\_)
- Torque is measured in PSI and displayed in %. (\_\_\_\_\_); PSI = 100% Torque
- Torque is measured in PSI and displayed in FT-LBS. (\_\_\_\_\_ PSI equals \_\_\_\_\_ FT-LBS.)

There are two options for measuring torque; use the existing transducer in the aircraft or use Electronics International's TSO'd pressure transducer(s). E.I. pressure transducers will need to be purchased separately.

**Aircraft's EXISTING Torque Transducer will be used.**

**Signal Levels**

Signal Level Range for the Torque Transducer: \_\_\_\_\_ (Example: 0 to 100mV)

Signal Level \_\_\_\_\_ for \_\_\_\_\_ Torque reading. (Example: 100mv for 100%)

**Excitation**

Does the Torque Transducer require an excitation voltage (power source) from the Torque gauge?

- No  Yes, Voltage Level \_\_\_\_\_ (Example: 5V or 10V, we can set either voltage)

**Electronics International's Pressure Transducer(s) will be used.**

- PT-100GA-T Torque Pressure Transducer. (Additional \$348 - High Torque)
- Both High and Low Torque levels will be measured.
- PT-30GA Pressure Transducer (Additional \$228 - Low Torque - Typically used by P&W's in PT6As)

**Add FCD-TR1 Bluetooth Field Calibration Device (Additional \$595)**

Save time and money with the FCD-TR1 Device designed to allow wireless calibration of our TR-1 instruments as well as wireless data retrieval. Calibrate your instrument or fleet of instruments with one FCD-TR1 device.

**Add A-104 Adapter Plate** EI 2" instruments fit into our 2-1/4" A-104 Plate **(Additional \$125)**

\*\*\*\* Check that all range and configuration information is complete and accurate \*\*\*\*

**FAILURE TO SIGN THIS DOCUMENT WILL RESULT IN AN INCOMPLETE FORM, AND WILL DELAY YOUR TR-1-TQ ORDER.**

I (the undersigned) have provided and verified all the limits and aircraft configurations listed on this worksheet to be correct and taken from the information in the aircraft's POH/AFM which includes all changes mandated by any AD's, Supplements and STC's. I understand there is important safety information in the Installation and Operating Instructions that must be read before installing the TR-1-TQ and flying the aircraft.

OWNER/PILOT'S PRINTED NAME \_\_\_\_\_

OWNER/PILOT'S SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

**HAND SIGNATURE OR ENCRYPTED DIGITAL SIGNATURE REQUIRED.**