


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 ADs, Supplements and/or STCs. 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		
	<i>RANGE</i>	<i>COLOR</i>	<i>EXAMPLE</i>
			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 \$380 - High Torque)

☐ Both High and Low Torque levels will be measured.

☐ PT-30GA Pressure Transducer (Additional \$248 - Low Torque - Typically used by P&W's in PT6As)

☐ **Add FCD-TR1 Bluetooth Field Calibration Device (Additional \$600)**

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 \$128)

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 & verified all the limits and aircraft configurations listed on this worksheet to be correct & taken from the information in the aircraft's POH/AFM which includes all changes mandated by any ADs, Supplements and STCs. I understand there is important safety information in the Installation & 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.