

TR-1-TQ Configuration Worksheet



Electronics International Inc. will configure the TR-1-TQ to the range limits based on the data provided by the pilot/owner and/or mechanic. The data 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 wrong, there will be a fee to change the configuration.

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	

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

FCD-TR-1 is used for calibrating the torque in the field. One FCD-TR-1 can be used for every version of the TR-1 instruments for in-field calibration and adjustments to instrument setting.

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.

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 for 100% Torque: (_____)

Torque is measured in PSI and displayed in FT-LBS. (_____ PSI equals _____ FT-LBS.)

For any option above, both High and Low Torque levels will be measured.

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.