

**Scott Franz**

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**From:** Norton, Vince  
**Sent:** 09/15/2003 03:54:09 PM  
**To:** Thweatt, Ed T.; Golemboski, Matt R.; Thompson, Jeff  
**CC:** Diaz, Danny; Franz, Scott; Reesor, Phillip K.; Stone, Jeff  
**BCC:**  
**Subject:** PRE-T&P FIRE CONTROL SETTINGS

The following table is a comparison of the engagement and trigger pull as measured by Mayfield and as measure by E-town.

It appears that we have very good correlation for engagement between E-town and Mayfield. The most we differed from each other is 0.0013". The average difference is +/- .0008". If T&P guns are set in Mayfield around the center of the specification, 0.024" to 0.027" we should have fairly good success measuring T&P guns in E-town within specification.

For trigger pull there appears to be really no correlation between E-town and Mayfield. We had as much as a pound of difference between the two sites. I have no explanation at this time for the differences. If we varied in one direction or the other I would speculate that the difference is in the fixturing and position of the force gage on the trigger box. We may want to take our trigger pull fixture to Mayfield and do a side by side comparison to see what kind of differences we see. If we can spare the fixture for a while I recommend that we do that sometime before we start T&P.

Comments and suggestions are welcome.  
Vince