

Ron,

As requested we have reviewed this program with Diaz's group and Mayfield and have put together a test plan to qualify this product for production. The short action utilizes the same parts as the existing M/710 with the following exceptions:

**PART DIFFERENCES**

- \* Magazine Box
- \* Magazine Follower
- \* Magazine Box Bottom
- \* Receiver Insert
- \* Support Bracket
- \* SPL Fire Control
- \* Magazine Box Spacer

Changes to the stock tool will be required to add additional clearance for the safety arm/button and the fire control housing. The receiver rear diameter that accepts the new insert will also be different (larger) than the existing M/710.

With these changes the main focus in testing will be accuracy (for the 3 new calibers), feeding, and then function, endurance and abuse testing due to the integration of a new fire control in the Model 710 action. Based on manufacturing methods to produce parts, the long tooling lead times, and the risk involved a combined DAT/T&P test was requested. I concur with this approach. Since this will also be a T&P class test we should still sample product from a larger pool. With three calibers Mayfield's plan to build 50 guns/caliber should be adequate. We will randomly select 10 guns of each caliber for our test for a total sample size of 30 guns. With that said the following tests are planned:

**TEST & MEASUREMENTS**

- \* Out of Box Inspection (All 30 Guns)
- \* (Packaging, cosmetics, etc.)
- \* Preliminary Measurements & Tests (All 30 Guns)
- \* Headspace/Proof/Headspace
- \* Check Chamber Dimensions, Bore, Groove, Twist Rate
- \* Check Bolt Head and Barrel Hardness
- \* Firing Pin Indent
- \* Trigger Pull + other SPL Specific Measurements (Engagement, Over Travel, etc.)
- \* Slam Test - 3 Guns
- \* Jack Function (All 30 Guns)
- \* 200 rds /Gun using Rem. and Competitive Ammo Types
- \* Accuracy (5 Guns/Caliber)