

Ilion Quality – Shotguns

- Shotgun POI
 OBJECTIVE: Conformance to SAAMI spec
 ACTION: **Ilion to provide status of this project. Priority of shotguns in which to incorporate these changes first:**
 1. All 1100 Target, 1100 Classic Field and Synthetic
 2. 11-87 Premier and SP/SPS
 3. 870 Wingmaster and SPS
 4. 870 Express
 5. SP-10
 Findlay presented prototype of proposed new rib design to bring our POI in line with SAAMI.
 ACTION: **Ilion to test in January and report on results of testing at March PTM.**
Need samples shipped to Madison to evaluate.
 - 12 gauge 870, 1100, 1187 SAAMI sight picture 3.27" low, Remington sight picture .90" High
 - Raised POI 3"-4"
 - M332 shoots to SAAMI sight picture
 - Tooling & Gauging to be complete by June 2004
 - T&P Scheduled September 2004 for 870/1187
 ACTION: **12 gauge 1187 standard contour barrels shipped to J. Fink for Marketing evaluation and report at March PTM**

- 11-87 Super Mag
 OBJECTIVE: Determine necessary changes to make this product to the performance requirements as originally specified.
 Action: **Engineering to provide update on design recommendations and timeline for implementation. What testing needs to be done and when can we expect to make the transition in production?**
 Findlay presented new gas collar design to give a better seal.
 - (10) 12 gauge barrels in test with new design
 - Objective to reduce 3" & 3 1/2" terminal velocities and improve function
 - Testing to be completed by 2-15-04
 - MIM gas cylinder prototype-10 weeks and \$15K
 - 30 piece 12 gauge machined sample to transmit April 30, 2004
 ACTION: **Report on test status**

- Choke Tube Constriction/Patterning Concerns
 OBJECTIVE: Conformance to SAAMI spec/product enhancement.
 Testing with the M1100 Tournament Skeet 20 GA showed that we had a problem with the extended choke tubes patterning too tight. This has sparked discussion of a full scale audit of all of our 12 and 20 GA choke tubes to verify patterns are correct. Findlay has proposed drawing changes that will be confirmed through a test plan.
 ACTION: **Review test results at January PTM.**
Corrective action date-
New Tube Identification-Need some sort of symbol or marking to differentiate new tubes from older tubes.
 - Complete shooting of 12/20/28 gauge extended Briley tubes by end of February
 - Old fixed skeet was "bow tie" configuration all others tapered to .5" flat; why?
 ACTION: **Pursue making tubes meet SAAMI specs. Gain an understanding of old fixed choke dimensions and performance. Get hardcopy of specs to J. Fink and J. Bunting**