

- 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
 - Range of 350 Max and 150 Min. Still testing different gas cylinder designs.
 - By 3.30.04 start MIM Gas

- 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
 - Better to error on the side of tighter constrictions
 - Engineering to start with 410/28/20 to get choke tubes patterning to spec.

410

Skeet, IC 2.5" #9
 M, Full 3" #6

28

Skeet, IC-TGT load
 M, F-Express #6

- ACTION: FINK to provide direction on testing
- Skeet gun-currently offered in Skeet and IC, historically was skeet and improved skeet
- Use Remington specifications to provide direction to Briley
- ACTION: R&D to insure new SG to meet pattern spec.

- Surface Finishes on Internal Components
 OBJECTIVE: Product enhancement
 Action: Fink to lead discussion with examples on current concerns from Marketing on surface finish of components.
- Marketing to provide direction on acceptable finishes/changes. Images of a M1100 Sporting .410 breech bolt were supplied. With the exception of tool marks in the locking block, the top of the bolt was within current manufacturing levels of acceptability. However, in the eyes of Marketing the level of finish was not acceptable based on quality of finish of competing guns.