

40X Trigger Assembly "Sniff" Test

- Indelibly ID trigger assemblies
- Mount on 10 actions (all using current ISS firing pin assemblies that are new from factory)
 - 4 M/700 Varmint (2 synthetic, 2 laminated stocks)
 - 3 M/7 (may need to replace the safety assemblies to do this)
 - 3 M/700 LA
- Measure:
 - Engagement as set from the custom shop
 - Overtravel
 - Minimum trigger pull force setting as set from the custom shop
 - Minimum trigger pull force for regain
 - Maximum trigger pull force possible
 - Firing pin head/sear engagement
 - Safety ON/OFF forces with the bolt open and closed
 - Trigger pull force repeatability (20 consecutive measurements)
- Perform the following tests:
 - SAAMI Jar Off
 - SAAMI Rotation
 - SAAMI Drop
 - Extended Jar Off
 - Function Testing to 2000 rounds, inspecting the following every 200 rounds (to determine repeatability):
 - Engagement
 - Trigger pull force
 - Overtravel