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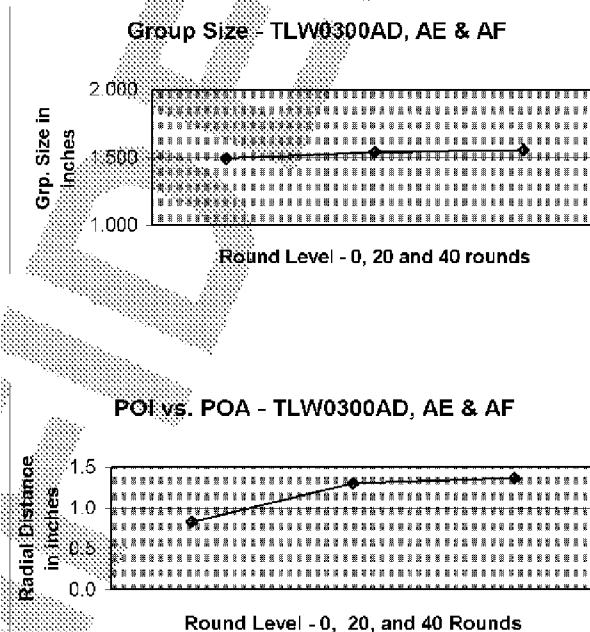
Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETHTOWN, KY 42701

3.3.1.2 TLW0300AD, AE and AF – Group Size and POI at 100 yards (System Stability Test, w/Bushnell Scope @ “zero” rounds, “20” rounds and at “40” rounds.

(T&P, Series “B”), specification : $\leq 2.7"$ at 100 yards

The purpose of this test is to evaluate the “stability” of the optical scope system over a forty round shooting test. This test was shot at 100 yards using standard factory ammunition (using the same code of ammunition throughout the test.) The test consisted of three, 5-shot groups with the rifles cooled after every group. Each firearm was cleaned and fired with five fouling shots prior to the start of the test. The specification for average group size for this product and caliber was set at $\leq 2.7"$ at 100 yards. The group size change over the 40 rounds was calculated to be 0.063" – an insignificant change.

The change in POI (Point of Impact) vs. POA (Point of Aim) changed approximately 0.5" over the 40 round test. Again, an insignificant change given the test measurement variability.



Jan. '01 Trial & Pilot Test - Remington M710 Centerfire Rifle;
R & D Technical Center Project No. 241039; TLW 0300
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Page 36

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