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Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
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ELIZABETHTOWN, KY 42701

Results:**Iteration 1**

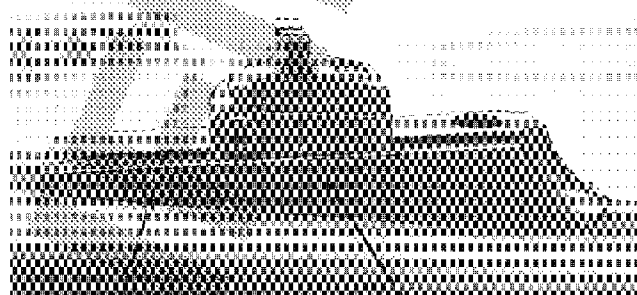
This test was shot in January of this year. 9 rifles were shot and all were able to be adjusted such that the POI was within 2.7" of the POA at 100 yards. The location of the rear sight on average was 1 graduation from the extreme rear position. This leaves limited sight adjustment to lower the POI. Since a retest was needed for sight retention it was decided to redo this test as well when guns were returned for confirmation of results.

Iteration 2

This test was shot in May when guns were received back from Mayfield. At this time 7 of 9 rifles could not be zero in. POI was anywhere from 6" to 12" high. The rear sight was moved all the way to the rear on the 2 guns that could be adjusted in. Design determined that the barrels on these guns were bent. A new series of 10 guns were requested from Mayfield for POI/Sight Adjustment verification. These were received and tested in late May.

Iteration 3

All 10 guns were able to be zeroed in at 100 yards with adequate sight adjustment remaining. 7 of the 10 guns rear sights were 2 full graduations from the rear position. One gun was at 4 graduations and 2 were at 6 graduations from the rear. Results from this test were more in-line with that recorded during the first test, with slightly more adjustment remaining. Each graduation results in approximately a three inch movement in the POI, which gives plenty of adjustment in both directions. The following picture shows the design and scale used for the rear sight.



Rear Position

Rear Sight at 8 1/2 graduations

May 2001 Trial & Pilot Test Remington M710 Centerfire Rifle w/Iron Sights
R & D Technical Center Project No. 241095; TI.W0395, TI.W0405, TI.W 0505
file: E:\ntas3\710\ Trial & Pilot_3006 Iron Sight Guns\M710_T&P_REPORT_JUNE26_Rev0.doc

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