

CONFIDENTIAL

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

- Test both the front and rear sight by using the thumb and index finger of one hand and attempt to move the sight to the left and to the right. Repeat this procedure 2 additional times for a total of three times left and 3 time right for each front and each rear sight.
- Complete this check before the start of live fire testing, after 20 rounds, after 40 rounds and finally after completing 60 rounds.
- Use caution, as barrel may be hot and use caution due to potentially sharp edges of the sight and base.

Data Required:

- Serial number of each rifle tested.
- Record results of each check at start of test and at each round level.

Results

None of the 9 guns tested during this test had any part of either the front or rear sight come loose. All testing was shot from the shooting jacks in the short range and the above procedure was followed.

ACCURACY TESTING:**POINT OF AIM AND POINT OF IMPACT TESTING**

To insure that each rifle can hit where it is aimed when using iron sights a test will be conducted to evaluate this property.

The shooter will shoot three (3) 5-shot groups with each sample rifle. The shooter will select a point of aim for each of the three 5-shot groups. For each of the 3, 5-shot groups the center of impact will be calculated. The 3 centers of impact will then be averaged and this location will be compared to the point of aim for each group. This group average should be within a 2.7" circle inscribed around the point of aim. If the group average is within the 2.7" circle go to the next rifle. Repeat process.

If a group average is located outside the 2.7" circle, adjust the sight for either elevation or windage or both in the direction that will bring the group average with the 2.7" circle. Repeat test until group average is within the 2.7" circle or there is no adjustment left in the sight for either elevation or windage.

- Shoot test at 100 yards.
- Use Remington 30-06 ammunition. R30065, 180 grain, Point Soft Point, Core-Lokt®
- Shoot a warmer shot.

M20-701 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:\m20-710\Trial & Pilot_3006 Iron Sight Guns\M710_T&P_REPORT_JUNE12_Rev0.doc