

CONFIDENTIAL

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

TLW 1012

- Testers' Names

TLW1012AC - Group Size at 50 yards – (Multiple Ammunition Types)

Multiple types of ammunition will be used to shoot 50-yard accuracy testing to provide a measure of accuracy on the test sample rifles using other than Remington/Eley 22 Match EPS ammunition. This test will be completed utilizing standard factory ammunition from the manufacturers listed in the chart below. Ten rifles will be selected from the same population that was used for the group size test using the Remington/Eley 22 Match EPS Ammunition. The ten rifles selected should represent the average performance as determined by the previous accuracy test.

To minimize the potential for changes in group size due to wear, the order of test for each ammunition type for each rifle in the test has been randomized. Group size for each ammunition type will be compiled at the end of the testing.

The test will consist of three, 5-shot groups for each of the ammunition types listed below in the attached schedule.

Guns will be cooled after every 5-shot group.

Each firearm will be cleaned and then fired with five fouling shots prior to beginning the accuracy work-up. The rifles will be cleaned after the completion of testing on a given type of ammunition. Group sizes will be measured from actual targets and recorded. The same code of ammunition and same type of ammunition will be used for all group size test shots. Average group sizes by rifle and ammunition type will be recorded for information only. Ammunition used for this test will be per the attached schedule below.

Method:**Ammunition Certification:**

- Certify the ammunition lot selected for muzzle velocity and pressure.
- For Certification shoot the ammunition qualification test in the long range using the .22 LR Accuracy Barrel.
- Prior to beginning of the test and between each type of ammunition, clean the bore and shoot 5 "fouling" shots to seat in the rifle.
- Fire three, 5-shot groups at 50 yards.

Group Size using the M/504 Test Samples:

- Prior to beginning of the test, clean the bore and shoot 5 "fouling" shots to seat in the rifle.
- Fire three, 5-shot groups at 50 yards, using a high quality scope from test lab inventory through each of the 10 sample rifles.

Data Required:

- Provide documentation of the results of the Ammunition Certification procedure
- Measure group sizes center to center
- Record takedown screw torque. (Note: Torque specification for takedown screw not yet determined. Will be determined at time of assembly by Design.)
- Record torque for barrel clamp screw. Should be between 100-125-lb./in. of torque.
- Record torque for barrel set screw (in receiver). Should be ≥ 25 -lb./in. torque.
- Record make and identifier of scope
- Record ammunition lot numbers used during the test.
- Record any malfunctions that occur during the test.
- TLW Number
- Testers' Names

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