

REMINGTON ARMS COMPANY, INC.
Illion Research Division

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MODEL 591 - Cal. 5mm Mag - FIELD TESTING

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REASON FOR TEST:

Testing at long ranges with this model and caliber had not been conducted because of lack of range and game facilities. Such testing on game and ricochet tests on rocks, exceeding 200 yards, was the primary objective.

For several years I have been conducting tests with Remington products at a site approximately 10 miles northeast of Evanston, Wyoming, my home town. The area is semi-arid, surrounded by barren and rocky mountains, which provide long range shots up to a mile or more. The rocks are of sandstone variety and impacts on them can be detected at long ranges up to about 400 yards. The valley below provides superb varmint hunting as there are numerous prairie dog towns and multitudes of jackrabbits.

Most of the shooting at long ranges must be in a sitting position as sagebrush and uneven terrain prevents proper sighting in a prone position. Offhand shooting is almost impossible at these ranges because of high gusts of wind.

During the test I used a production Model 591 in 5mm caliber scoped with a Weaver Vari-Power 2 1/2 x 9, and conducted most of the game shooting at ranges of 200 to 300 yards. Ricochets off flat rocks were performed at ranges from 100 to 400 yards. Impact shooting on sandstone rocks from 100 to 400 yards. These range measurements are only approximate since they were paced off, but accurate enough for the test involved.

RESULTS OF TEST:

On any flat rocks at an angle of approximately 15° or less from horizontal, at 100 yards or more, ricochets will occur. At any angle greater than 15° from horizontal, at ranges from 100 to 200 yards, very few ricochets will occur.

Exhibit VI