

TEST #2

November 12, 1971

270 CALIBER 130 GR. MIXED POWDER TESTING

Three new Remington Model 760 rifles were tested with handloaded 270 Caliber 130 Gr. cartridges as follows.

Gun Serial #7116159 was fired once with a mixed charge of 25% 4198 and 75% 4350 powder (13.15 grs. and 39.45 grs. respectively).

The results show no visible damage to the gun and only a flattened primer face on the cartridge.

Gun Serial #7109839 was fired once with a mixed charge of 50% 4198 and 50% 4350 powders. (26.3 grs. each.)

The result was difficult extraction with .002" - .003" increase in headspace. There was no other visible damage to the gun. The cartridge primer pocket was enlarged allowing the primer to fall out during extraction.

Gun Serial #7116412 was fired once with a mixed charge of 75% 4198 and 25% 4350. (39.45 grs. and 13.15 grs. respectively.)

The results show the gun remained locked with no apparent damage to the locking lugs. The bolt face lip split, allowing the brass above the cartridge rim to flow, conforming to the feed ramp on the chamber face. The gun had to be forcibly opened with a mallet.

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