

TEST #1

November 11, 1971

270 CALIBER 130 GR. GUN DAMAGE TEST

Two 270 Caliber standard Remington rifles were tested with handloaded 130 Gr. cartridges with a full charge (52.6 grs.) of 4198 powder.

The first gun, a Model 760 Ser. #197685, failed to remain locked up. Two of the four rows of locking lugs on the barrel extension stripped allowing the bolt to be driven rearward. The bolt was found to be jammed between the receiver and trigger assembly thus bulging the receiver. The magazine box was driven out of the bottom of the receiver. The cartridge case separated, leaving the neck portion in the chamber. The base section was found on the floor in the general vicinity of the magazine box.

The second gun a Model 721 Ser. #327091 bolt action, was fired once. The results show the gun remained locked and had to be forcibly opened with a mallet. The cartridge was held in the bolt recess by brass expansion at the rim and brass flow just above the rim. The bolt was slightly expanded in the cartridge recess area and caused interference with the receiver. There was no other visible damage to the gun.

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