

RD-57-B

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

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"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

May 21, 1956

W. E. Leek

MODEL 40X - SERIAL NO. 0706

from

CAPTAIN BENJAMIN NAIMAN
25 PINSKER ST., PETAH-TIQUA,
ISRAEL

In reviewing Capt. Naiman's letter regarding our M/40-X it is apparent that he is a fine rifleman and keen analyst on rifle ills. His observations on the 40-X are 100% correct and were inherent in our first run of rifles.

Fig. 1 came from too long a run on the cutter resulting in interference between bolt and receiver. This cut was increased in diameter and reduced the radius on the corner to eliminate this hazard.

Regarding Fig. 2, where the firing pin strikes the edge of the barrel, this is set up as far as we can see so it can not happen. I have to date not experienced this in any of our tests. I do not question Capt. Naiman's observation nor can I explain its occurrence.

The Sear condition as shown in Fig. 3 has existed in our complete line of rifles for some time. The trigger length has been short from drawing dimensions. Production has known this and in assembly was to discard those whose tolerance build-up brought about a questionable condition of engagement. The hole in the receiver was allowed to get out of gage (lower), which aggravated the short trigger. It is apparent this rifle was not checked thoroughly for this at assembly. I am informed the new length of triggers are in assembly now, the approximate date April 25, 1956.

Captain Naiman, in his desire to correct the low trigger, has fastened the connector to the trigger. This defeats the connector's purpose which is to move forward upon release and divorce any sear movement from the trigger; thus, the shooter has no sensation of the firing cycle translated to the trigger finger.

RD-40-2

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Now, for the trigger pull adjusting spring, Fig. 4:- it appears that Captain Naiman likes a very light pull. We are forced, in this country, by shooting regulations to use a minimum of 3 lbs. on the pull. The weight of the spring is set up to produce this pull, the adjustment to take care of variations in manufacture and lubrication. For the shooter who desires to go below this weight, a much lighter spring should be substituted to give the right function and an adjustment for safety in operation.

C. H. Morse
C. H. Morse, Research Engineer
Research Dept.

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