

REC. R.A.A.H.
NOV 6 1944

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November 3, 1944

TO: Mr. E. SMITH
FROM: Mr. E. WALKER
SUBJECT: STATUS REPORT ON R-722 TEST

In accordance with your request, a summary of the results of the R-722 test follows:

Test #1-12 These tests included a chamber and headspace check, trigger pull, and safety trigger pull tests. The chamber and headspace checks were made from the front of the gun. The safety trigger pull tests were made from the rear of the gun. The trigger pull tests were made from the front of the gun. The results of these tests are as follows:

Test #13-14 These tests included trigger pull, accuracy, and accuracy tests. The trigger pull tests were made from the front of the gun. The accuracy tests were made from the front of the gun. The results of these tests are as follows:

Test #15-20 These tests included firing of 400 rounds, accuracy tests, trigger pull, bolt lift, and headspace checks, plus 100 cycles with dummies and 3000 cycles on the endurance machine. One cartridge of the 400 rounds failed to feed and 6 failed to eject due to slow opening of the bolt. At the beginning of the accuracy test the extractor was found to be cracked at the center of the lip. This apparently does not affect its function. The average extreme spread for this second accuracy test was 2 1/8" with a max. group of 3" and a min. group of 1 1/8".

[illegible]

RESULTS