

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



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File

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

Ilion, New York
October 15, 1974

TO: W. R. GOOGIN
FROM: J. H. HENNINGS
SUBJECT: RESEARCH PILOT LINE TEST - M/40XR & M/540XR - 22 Cal.
Position Rifles

Test Period: September 1974

Work Order: 89112

INTRODUCTION

Sixteen (16) position rifles [eight (8) M/40XR, seven (7) M/540XR, and one (1) M/540XR Boy's Rifle] were received from Production for pilot line testing. Testing was confined to visual inspection, preliminary measurements, and accuracy.

TEST OBJECTIVE

To conduct a Research Pilot Line Test.

TEST OBSERVATIONS

1. Visual appearance of all 16 rifles is very poor. Rough edges are apparent on all stocks and on both front and rear edges of rail. There are bubbles, rough spots, dents and dust in the finish. Fit of rail to stock on 50% of the rifles needs corrective action. Rust or bluing salts appear at the base of the bolt handles on all eight M/540XR rifles.
2. M/40XR Gun #046177R (#5) failed to qualify with Remington standards of 1.30" for 5/10 shot groups.
3. Seven (7) M/40XRs (87%) had trigger pull averages under Remington standards.
One (1) M/540XR had a trigger pull average over the Remington standards.

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TEST OBSERVATIONS Continued

4. One M/40XR had a firing pin indent under the Remington standards.
5. Three (3) rifles of each model (40XR & 540XR) were tested for peep sight qualification at 100 yards. No problems were encountered with either model.

TEST PROCEDURE

Pilot line test was conducted in the following manner:

- a. Visual inspection
- b. Headspace
- c. Firing pin indent and trigger pull. Five samples each.
- d. Accuracy - 100 yds. Lyman 20X fine dot scope.
Ammo. same as used in Gallery.
Shooters: J. Hennings, & J. Stekl.
- e. Peep sight qualification. Shooter: D. McClure
- f. Gun weight and length measurements.

JHH:T
Research Test Lab