

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



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Lab File

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

Ilion, New York
March 5, 1979

TO: C.B. WORKMAN
FROM: A.A. HUGICK
SUBJECT: M/700 7 mm EXP. REM. TRIAL & PILOT

Work Order: G0460

INTRODUCTION:

Sixteen (16) M/700 BDL 7 mm Express Remington Caliber Bolt Action Rifles were assembled, tested and final inspected prior to Research Lab Trial & Pilot acceptance test. The Trial & Pilot test schedule was for visual inspection of these rifles. Design specification, accuracy, and function testing was conducted and reported in the December 12, 1978 - M/700 BDL Rifle - 7 mm X06 Rem. Caliber Pilot Test Report. The final caliber designation is 7 mm Exp. Rem.

TEST OBJECTIVE:

To conduct a visual inspection of the M/700 BDL 7 mm Exp. Rem. Rifle pilot sample. Inspection participants were A. Hugick, C. Sweet, B. Bosquet, and Z. Kowalski.

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TEST CONCLUSIONS:

1. The M/700 BDL 7 mm Exp. Rem. sample be considered acceptable product.
2. Rifle A-6736355 - (2) was considered reject due to barrel surface. The barrel has a lattice of spots located between the recoil lug and 7 mm Exp. Rem. roll marking.
3. Rifle A-6727736 - (18) was considered reject due to receiver surface. The receiver has rust pits located over entire receiver and appears to have coloring over top of rust pits.
4. These two rifles should have been culled out at assembly, or at final inspection.
5. Bolt finish, bolt plug finish and trigger guard assembly finish is not of a gloss quality equal to that of the barrel and receiver. This problem is being worked on with M/700 product line.

Individual rifle comments as reviewed 3/2/79 in finish gun audit 51-4.

- A-6734326 - (1) - White spacer @ grip cap is discolored
- White spacer @ butt plate is discolored
- Bolt handle and bolt plug appear dull compared to finish of barrel and receiver (general with all rifles)
- Trigger has double click
- A-6736355 - (2) (X) Barrel spotted between recoil lug and 7 mm Exp. Rem. marking.
- Trigger guard assembly appears dull compared to finish of barrel and receiver (general with all rifles).
- Butt plate appears to have imperfection - this results from flow of finish on to butt plate.
- A-6734436 - (3) - White spacer @ grip cap is discolored
- Magazine release pivot pin protrudes on right side
- Butt plate shows appearance of imperfection - cause same as above

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TEST CONCLUSIONS - (Cont'd)

- A-6736838 - (4) - Stock has two slight indentations adjacent to stock reinforcement brass screw
 - Stock finish along barrel is rough and appears bubbly
 - (X) Stock finish on Monte Carlo and rearward has orange peel appearance.
- A-6734410 - (5) - White spacer @ grip cap is discolored
 - Butt plate spacer is discolored
 - Stock finish right side along barrel groove is rough
 - Fore-end tip marred on right side
- A-6734333 - (7) - Butt plate finish appears porous due to presence of finish
 - Small chip out of stock adjacent to safety arm
- A-6736734 - (9) - Wood flashing at bolt handle clearance cut
 - Stock finish porous at barrel along top and at port
- A-6736245 - (13) - Grip cap surface rough due to stock finish spray
 - Stock inletting rough along right side of receiver
- A-6736298 - (15) - Grip cap surface is rough due to stock finish spray
- A-6736730 - (17) - Stock finish along barrel is rough and porous looking.
- A-6734353 - (27) - Grip cap surface is rough due to stock finish spray
 - Butt plate surface is rough due to stock finish spray
- A-6734335 - (29) - Large wood chip located next to safety arm which finish gun audit removed
- A-6736247 - (25) - Butt plate surface rough due to stock finish spray
 - Fore-end tip marred
 - Stock (bubbles/bumpy) rearward of Monte Carlo

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TEST CONCLUSIONS - (Cont'd)

A-6736268 - (21) - Small chip missing from stock next to safety arm

A-6727736 - (18) (X) Receiver pitted (rust) reject

A-6734371 - (8) - This was last gun

(X) - Items Warranting Attention

AAH:js