

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



XC: G. J. Hill
Lab File

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

Ilion, New York
January 12, 1976

TO: J. P. LINDE
FROM: A. A. HUGICK
DATE: JANUARY 12, 1976
SUBJECT: M/600 RIFLES ADUSING M/700 TRIGGER HOUSING
WORK ORDER: E 0262

INTRODUCTION:

Nineteen (19) M/600 - 308 Win. Caliber rifles with M/700 Trigger Housings were delivered from production to the Measurement Test Lab for evaluation. Note attached letter dated January 6, 1976 program item 1-A through 1-F for rifle assembly particulars.

TEST OBJECTIVE:

Review M/600 rifles adusing M/700 Trigger Housing assemblies for functional performance.

TEST RESULT/OBSERVATIONS:

1. Six (6) rifles indicate possible contact or interference of the stock reinforcement screw with Trigger Housing assembly.
2. Safety and fire control functions were measured and recorded, per attached.

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 M/600 Rifle Adusing M/700 Trigger Housing

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TEST RESULT / OBSERVATIONS - Cont'd

M/600 - 308 WIN.

<u>Serial #</u>	<u>Safe On Force</u>	<u>Safe Off Force</u>	<u>Safety Function</u>
6251005	8#'s	7#'s	OK
0929	9#	12 1/2#	"
0970	8 1/2#	9#	"
1051	6#	3 1/2#	"
1002	6 3/4#	6 1/2#	"
1010	5 3/4#	5#	"
1026	6#	4 1/2#	"
0799	5 1/4#	4#	"
0785	7#	5#	"
4811	7 1/4#	7 1/2#	"
0989	7 3/4#	6 1/2#	"
1053	8 1/4#	10#	"
0992	8 1/4#	6#	"
1034	8 1/2#	9 1/2#	"
0984	6#	4#	"
0964	7#	6 1/2#	"
0926	7 1/4#	7 1/2#	"
0947	9#	10 1/4#	"
6251040	8#	10 1/4#	"

<u>Serial #</u>	<u>Safe on - Sear Lift</u>	<u>Stock Reinforcement Screw - - to - Fire Control Condition</u>
1005	.015" Go	Screw touches Fire Control
0929	.015" Go	Screw - OK
0970	.010 Go .015 No Go	Screw - OK
1051	.015 Go	Screw - OK
1002	.010 Go .015 No Go	Screw - OK
1010	.010 Go .015 No Go	Screw touches Fire Control
1026	.010 Go .015 No Go	Screw - OK
0799	.010 Go .015 No Go	Screw - OK
0811	.010 Go .015 No Go	Screw - OK
0989	.010 Go .015 No Go	Screw - OK
1053	.010 Go .015 No Go	Screw touches Fire Control
0992	.010 Go .015 No Go	Screw - OK
1034	.010 Go .015 No Go	Screw touches Fire Control
0984	.010 Go .015 No Go	Screw - OK

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TEST RESULT / OBSERVATIONS - Cont'd

M/600 - 308 WIN.

<u>Serial #</u>	<u>Safe On - Sear Lift</u>		<u>Stock Reinforcement Screw - - to - Fire Control condition</u>
0964	.010 Go	.015 No Go	Screw touches Fire Control
0926	.010 Go	.015 No Go	Screw - OK
0947	.010 Go	.015 No Go	Screw - OK
1040	.008 Go	.010 No Go	Screw touches Fire Control

Safety detent positive on all guns.

TEST PROCEDURE:

- Record gun serial number.
- Measure force to move safety to safe position.
- Measure force to move safety to fire position
- Check safety function in Safe position.
- Check safety function moving to fire position.
- Check safety detent function
- Check stock reinforcement screw-to-fire control clearance - to- interference
- Check sear lift by safety at trigger with following: For Go/No Go.
 - .015 music wire)
 - .010 music wire)
 - .008 music wire)
 - .005 shim stock)

Supplied A.

A A HUGICK

AAH:bd
Meas/Test Lab
Ilion Research Division