

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

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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.

To: J. P. Linde  
 From: A. A. Hugick  
 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>
5251005	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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 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 - 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 )	Supplied A.
.010 music wire )	
.008 music wire )	
.005 shim stock )	

A A HUGICK

AAH:bd  
 Meas/Test Lab  
 Ilion Research Division