

REMINGTON ARMS CO. INC.
FIREARMS RESEARCH DIVISION,
FEB 28, 1984

REPORT #840321

TO: R. NIGHTINGALE

TEST TITLE: "RESULTS ONLY"
M/700 VENDOR SUPPLIED CONNECTORS VS. CONNECTORS
TO MODEL DRAWING.

REASON FOR TEST:

TO DETERMINE IF THERE IS A FUNCTIONAL
DIFFERENCE IN THE VENDOR SUPPLIED CONNECTORS
AND CONNECTORS THAT ARE TO MODEL DRAWING.

TEST PROCEDURE:

SIXTY FOUR M/700 FIRE CONTROLS WERE ASSEMBLED
INTO M/700 ACTIONS, TEN AT A TIME, AND PENDULUM
DROP TESTED AT THE 2' AND 4' LEVELS IN BOTH
SAFE "ON" AND SAFE "OFF" MODES IN THE FOLLOWING SIX
POSITIONS. MUZZLE FIRST, BUTT FIRST, TOP SIDE, BOTTOM
SIDE, RIGHT SIDE, AND LEFT SIDE. ONE DROP FOR EACH
MODE AND POSITION AT EACH DROP LEVEL AS REQUESTED
BY J.A. LAWRENCE, [REDACTED] CURRENT PRODUCTS DESIGN.

TEST RESULTS,

TEST RESULTS ARE IN THE FOLLOWING PENDULUM DROP
TEST DATA SHEETS. TO BE EVALUATED BY CURRENT
PRODUCTS DESIGN.

2' PENDULUM DROP TEST
DATA SHEETS

HARD WOOD BACK STOP - 2' PENDULUM DROP TEST -

MODEL 700

DATE 2-24-84

REPORT NUMBER 840321

①

X - JAR OFF

GUN SER #	UNIT NO.	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		SAFE POSITION → S	F	S	F	S	F	S	F	S	F	S	F	
B6439317	1													1
B6439427	2								X					2
B6439303	3								X					3
B6440068	4								X					4
B6440047	5								X					5
B6440044	6								X					6
B6439446	7													7
B6439467	8								X					8
B6439976	9								X					9
B6439302	10								X					10

HARD WOOD BACK STOP- 2' PENDULUM DROP TEST

MODEL 700

DATE 2-25-84

REPORT NUMBER 840321

(2)

X = JAR OFF

GUN SER #	UNIT NO.	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		SAFE POSITION → S	F	S	F	S	F	S	F	S	F	S	F	
B 6439312	11								X					1
B 6439427	12								X					2
B 6439303	13													3
B 6440068	14													4
B 6440047	15								X					5
B 6440044	16								X					6
B 6439446	17								X					7
B 6439467	18													8
B 6439976	19								X					9
B 6439302	20													10

HARD WOOD BACK STOP- 2' PENDULUM DROP TEST

MODEL 700

DATE 2-25-84

REPORT NUMBER 840321

(3)

X - JAR OFF

GUN SER #	UNIT NO. SAFE POSITION →	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		S	F	S	F	S	F	S	F	S	F	S	F	
B6439317	21													1
B6439427	22								X					2
B6439303	23								X					3
B6440068	24								X					4
B6440047	25								X					5
B6440044	26													6
B6439446	27								X					7
B6439467	28													8
B6439976	29								X					9
B6439302	30													10

HARD WOOD BACK STOP- 2' PENDULUM DROP TEST -

MODEL 700

DATE 2-25-84

REPORT NUMBER 840321

(4)

X - JNR OFF

GUN SER #	UNIT NO. SAFE POSITION →	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		S	F	S	F	S	F	S	F	S	F	S	F	
B6439317	31													1
B6439427	32													2
B6439303	33						X		X					3
B6440068	34													4
B6440047	35								X					5
B6440044	36								X					6
B6439446	37								X					7
B6439467	38						X		X					8
B6439976	39								X					9
B6439302	40													10

HARD WOOD BACK STOP- 2' PENDULUM DROP TEST

MODEL 700

DATE 2-27-84

REPORT NUMBER 840321

(5)

X = JAR OFF

GUN SER #	UNIT NO. SAFE POSITION →	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		S	F	S	F	S	F	S	F	S	F	S	F	
B6439317	41													1
B6439427	42								X					2
B6439303	43						X							3
B 6440068	44													4
B6440047	45								X					5
B6440044	46													6
B 6439446	47													7
B 6439467	48								X					8
B6439976	49								X					9
B6439302	50						X		X					10

HARD WOOD BACK STOP- 2' PENDULUM DROP TEST

MODEL 700

DATE 2-23-84

REPORT NUMBER 840321

(6)

X = JAR OFF

GUN SER #	UNIT NO. SAFE POSITION →	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		S	F	S	F	S	F	S	F	S	F	S	F	
B6439317	51								X					1
B6439427	52								X					2
B6439303	53								X					3
B6440068	54													4
B6440047	55								X					5
B6440044	56													6
B6439446	57													7
B6439467	58													8
B6439976	59													9
B6439302	60													10

HARD WOOD BACK STOP- 2' PENDULUM DROP TEST

MODEL 700

DATE 2-23-84

REPORT NUMBER 840321

(7)

X - JAR OFF

GUN SER #	UNIT NO.	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		SAFE POSITION →	S	F	S	F	S	F	S	F	S	F		
B6439317	61								X					1
B6439427	62													2
B6439303	63													3
B6440068	64													4
														5
														6
														7
														8
														9
														10

4' PENDULUM DROP TEST
DATA SHEETS

4' HARD WOOD BACK STOP PENDULUM DROP TEST

MODEL 700

DATE 2-20-84

REPORT NUMBER 840321

①

X = JAR OFF

GUN SER #	UNIT NO.	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		SAFE POSITION → S	F	S	F	S	F	S	F	S	F	S	F	
B 6439317	1								X					1
B 6439427	2						X		X					2
B 6439303	3						X							3
B 6440068	4								X					4
B 6440047	5						X		X			X		5
B 6440044	6								X			X		6
B 6439446	7								X					7
B 6439467	8								X					8
B 6439976	9								X					9
B 6439302	10								X					10

4' HARD WOOD BACK STOP PENDULUM DROP TEST

MODEL 700

DATE 2-20-84

REPORT NUMBER 840321

(2)

X = JAR OFF

GUN SER #	UNIT NO.	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		SAFE POSITION → S	F	S	F	S	F	S	F	S	F	S	F	
B 6439317	11								X					1
B 6439427	12								X					2
B 6439303	13											X		3
B 6440068	14								X					4
B 6440047	15								X					5
B 6440044	16								X					6
B 6439446	17						X		X					7
B 6439467	18						X		X					8
B 6439976	19								X					9
B 6439302	20								X					10

4' HARD WOOD BACK STOP PENDULUM DROP TEST

MODEL 700

DATE 2-21-84

REPORT NUMBER 840321

(3)

X = JNR OFF

GUN SER #	UNIT NO.	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		SAFE POSITION	S	F	S	F	S	F	S	F	S	F	S	
B 6439317	21								X					1
B 6439427	22								X					2
B 6439303	23								X					3
B 6440068	24								X					4
B 6440047	25								X					5
B 6440044	26								X		X			6
B 6439446	27								X					7
B 6439467	28							X	X					8
B 6439976	29								X					9
B 6439302	30								X					10

4' HARD WOOD BACK STOP PENDULUM DROP TEST

MODEL 700

DATE 2-21-84

REPORT NUMBER 840321

(4)

X - JAR OFF

GUN SER #	UNIT NO.	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		S	F	S	F	S	F	S	F	S	F	S	F	
36439317	31								X					1
B6439427	32								X					2
B6439303	33								X					3
B6440068	34								X					4
B6440047	35						X		X					5
B6440044	36								X			X		6
B6439446	37								X					7
B6439467	38						X		X					8
B6439976	39								X					9
B6439302	40						X		X					10

4' HARD WOOD BACK STOP PENDULUM DROP TEST

MODEL 700

DATE 1-21-84

REPORT NUMBER 840321

X - JAR-OFF

(5)

GUN SER #	UNIT NO.	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		SAFE POSITION → S	F	S	F	S	F	S	F	S	F	S	F	
B6439317	41								X					1
B6439427	42						X		X					2
B6439303	43						X		X					3
B6440068	44								X					4
B6440047	45						X		X					5
B6440044	46						X		X					6
B6439446	47								X					7
B6439467	48						X		X					8
B6439976	49								X					9
B6439302	50								X					10

4' HARD WOOD BACK STOP PENDULUM DROP TEST

MODEL 700

DATE 2-22-84

REPORT NUMBER 840321

(6)

X = JAR OFF

GUN SER #	UNIT NO.	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		SAFE POSITION	S	F	S	F	S	F	S	F	S	F	S	
B6439317	51									X		X		1
B6439427	52									X				2
B6439303	53									X				3
B6440068	54						X			X				4
B6440047	55									X				5
B6440044	56						X			X				6
B6439446	57									X				7
B6439467	58									X				8
B6439976	59									X				9
B6439302	(60)													10

4' HARD WOOD BACK STOP PENDULUM DROP TEST

MODEL 700

DATE 2-22-84

REPORT NUMBER 840321

(7)

X = JAR-OFF

GUN SER #	UNIT NO.	MUZZLE FIRST		BUTT FIRST		TOP SIDE		BOTTOM SIDE		RIGHT SIDE		LEFT SIDE		
		SAFE POSITION	S	F	S	F	S	F	S	F	S	F		
B6439317	61								X					1
B6439427	62								X					2
B6439303	63						X		X					3
B6440068	64								X					4
														5
														6
														7
														8
														9
														10

Report No. 840321

RESEARCH TEST & MEASUREMENT LAB WORK REQUEST

☐ Developmental ☐ Design Acceptance ☐ Pre-Pilot ☐ Pilot ☒ Production Acceptance	<u>AREA OF TESTING</u> <table> <tr> <td>☒ Safety Related</td> <td>☐ Litigation</td> </tr> <tr> <td>☐ Competitive Evaluation</td> <td>☐ Warehouse Audit</td> </tr> <tr> <td>☐ New Design</td> <td>☐ Cost Reduction</td> </tr> <tr> <td>☐ Design Change</td> <td>Stake </td> </tr> <tr> <td>☒ Plant Assistance</td> <td>Other </td> </tr> </table>		☒ Safety Related	☐ Litigation	☐ Competitive Evaluation	☐ Warehouse Audit	☐ New Design	☐ Cost Reduction	☐ Design Change	Stake	☒ Plant Assistance	Other
☒ Safety Related	☐ Litigation											
☐ Competitive Evaluation	☐ Warehouse Audit											
☐ New Design	☐ Cost Reduction											
☐ Design Change	Stake											
☒ Plant Assistance	Other											
<u>FIREARM STAT'S.</u> MODEL: <u>m/700</u> CAL or GAGE: BARREL TYPE: PRGOFED: YES ☐ NO ☐	<u>REPORT REQ'D.</u> FORMAL ☐ TEST RESULTS ONLY ☒	DATE REQUESTED: <u>2/1/83</u> DATE NEEDED BY: <u>ASAP</u> REQUESTED BY: <u>JAL</u> WORK ORDER NO: <u>G-0460</u>										

<u>TEST TYPE</u>			
☐ Strength Test ☐ Function Test ☐ Accuracy Test	☐ Ammunition Test ☐ Environmental Test ☐ Customer Complaint	☐ Dry Cycle Test ☐ Measurements ☐ Endurance Test	☐ Photo/Video ☒ Other <u>Drop Test</u>

EXPLAIN IN DETAIL THE REASON FOR THIS TEST:

Determine if there is a functional difference in the vendor supplied connectors and connectors that are to model drawing.

Contact Jeff for test procedure

GUNS REQUIRED: 10 m/700 Guns/Actions
 60 m/700 Fire controls
 approx 60 Scrap Stocks

NOTE: NO firearms or parts will be tested in the Labs unless they are accompanied by a Work Request, and both are delivered to the Labs by the designer or engineer. All Work Requests are to be filled out in detail. No Exceptions.

DATE COMPLETED:
 TEST COMPLETED BY:
 REPORT DATE: