

C6611550

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

BARBER M24 0078662

COMMENTS

ORDER
R 94-18711

INITIAL JJM	CUSTOMER ORDER NO. DAAA09-92-C-0834		W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT ATTN FRED MARTIN			
DATE RECEIVED 06/14/94	DATE OPENED 06/15/94	DATE CODE	SERIAL NUMBER C6611550	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO	
ACCESSORIES HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP						

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

AL 36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
GUN CONDITION ☐ NEW ☐ LIGHTLY WORN ☐ WORN ☐ VERY WORN ☐ UNREPAIRABLE ☐ MARRED					REPAIR CHARGE EXCISE TAX INSURANCE UPS PARCEL POST TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS	COMMENTS												
Trigger Assy 173.71													
Scope Rep 119.43													
Clean/Insp/Rep 50.00													
343.14													
<table border="1"> <tr> <td>REPAIRMAN</td> <td>PROOF</td> <td>CLEAN</td> <td>TEST AC</td> <td>TARGET</td> <td>PATTERN</td> </tr> <tr> <td>GALLERY TESTER</td> <td>DATE</td> <td>DATE</td> <td>DATE 11/2/95</td> <td>DATE</td> <td>DATE</td> </tr> </table>		REPAIRMAN	PROOF	CLEAN	TEST AC	TARGET	PATTERN	GALLERY TESTER	DATE	DATE	DATE 11/2/95	DATE	DATE
REPAIRMAN	PROOF	CLEAN	TEST AC	TARGET	PATTERN								
GALLERY TESTER	DATE	DATE	DATE 11/2/95	DATE	DATE								

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0078662 0078702

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6611550

DATE 10-26-94

TESTER Bm

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.63	2.60	2.85	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.66	2.50	2.66	
PULL #3	2.36	2.38	2.67	
PULL #4	2.33	2.38	2.72	
PULL #5	2.61	2.40	2.61	
TOTAL	12.59	12.26	13.51	
AVG.	2.51	2.45	2.70	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.25	3.18	
PULL #2	3.34	3.16	
PULL #3	3.30	3.17	
PULL #4	3.30	3.29	
PULL #5	3.27	3.19	
TOTAL	16.46	15.99	
AVG.	3.29	3.19	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.15		4.23
PULL #2	4.04	4.15		4.05
PULL #3	4.23	4.13		4.06
PULL #4	4.12	4.00		4.07
PULL #5	4.14	4.13		4.21
TOTAL	20.58	20.56		20.62
AVG.	4.11	4.11		4.12

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611550

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0078666		READINGS					DATE	INIT
	OP. NAME								
625 cont.	F) Safety On Force		6	6 1/2	6 1/2			11/27	WB
	G) Safety Off Force		3 1/4	3 1/4	3 1/4			11/27	WB
	H) Trigger Pull Test & Retainability								
	I) Firing Pin Indent								
	J) Assemble Stock								
	K) Assemble Swivel Studs								
	L) Attach Front and Rear Sight Assemblies								
	M) Iron Sight Alignment								
	N) Detach Front & Rear Sights & place in numbered container								
	O) Attach Scope to Rifle								
	P) Detach & Attach Scope 20 Times								
640	Gallery Target & Test								
	A) Time								
	B) Malfunctions								
	C) Pierced Primers								
	D) Optical Clarity of Scope								
645	Inspect for Live Ammo								
655	Final Inspection								
	A) Headspace								
	B) Trigger Pull		2.58	2.57	2.56	2.65	2.53	11/27	WB
	C) Function								
660	Pack								

Remington
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

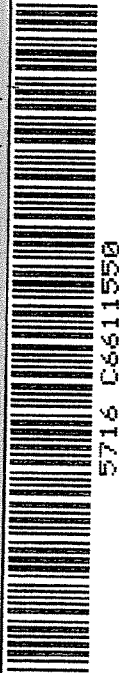
DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
 C6611550

ORDER NO.
 5716

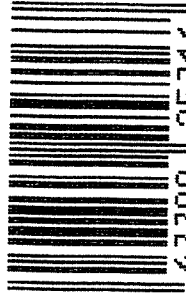
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6611550

UPC



0 47700 25716 7

Repaired
Stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611550

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25 91		RW
600	Proof	3 25 91		RW
607	Check Headspace	3/25 91		RW
610	Dis-assemble Gun	3 25 91		RW
612	Magnaflux Barrel Action	3 28 91		KR
	Magnaflux Bolt	3 28 91		V
615	Rollmark Caliber	3 28 91		JS
617	Drill and Tap Sight Holes	APR	3 1991	LB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-11-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/16/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/13/91	JA

op. #	BARBER - M24 0078669 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-14-91	JK
	G) Safety Off Force	4	4	4			5-14-91	JK
	H) Trigger Pull Test & Retainability						5/13/91	JK
	I) Firing Pin Indent	1022	1022	2225			5-14-91	JK
	J) Assemble Stock						5/15/91	RW
	K) Assemble Swivel Studs						5-21-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/15/91	RW
	M) Iron Sight Alignment						5/15/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/15/91	RW
	O) Attach Scope to Rifle						5/15/91	RW
	P) Detach & Attach Scope 20 Times						5/15/91	RW
640	Gallery Target & Test						5-15-91	AC
	A) Time						5-15-91	AC
	B) Malfunctions						5-15-91	AC
	C) Pierced Primers						5-15-91	AC
	D) Optical Clarity of Scope						5-15-91	AC
645	Inspect for Live Ammo						5-15-91	AC
655	Final Inspection							
	A) Headspace						5-21-91	D/H
	B) Trigger Pull	2.30	2.28	2.28	2.64	2.50	5/20/91	JK
	C) Function						5-21-91	D/H
660	Pack						6-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-661550

DATE 5-13-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.22	2.29	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.26	2.30	2.28	
PULL #3	2.22	2.25	2.25	2.28	
PULL #4	2.29	2.23	2.31	2.54	
PULL #5	2.29	2.23	2.30	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.44		
PULL #2	3.58	3.46		
PULL #3	3.60	3.44		
PULL #4	3.42	3.48		
PULL #5	3.43	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.39		4.44
PULL #2	4.41	4.41		4.44
PULL #3	4.38	4.33		4.43
PULL #4	4.14	4.44		4.31
PULL #5	4.45	4.41		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611550
15 May 1991

CENTROIDAL DISTANCES

0 TO	1	.18132
1 TO	2	.37549
1 TO	3	.419243
1 TO	4	.21523
1 TO	5	.091351

5.42 <----POA
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0646
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .045
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0787294
THE AMR FOR THIS RIFLE IS: .952

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611550

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.357

VS= 2.848

GS= 2.862

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.147	.988	.711
MINIMUM X	:	-1.210	-1.082	-.959
MAXIMUM Y	:	1.600	.900	.766
MINIMUM Y	:	-1.248	-1.070	-.853
CENTROID X	:	-.051	-.179	-.302
CENTROID Y	:	.174	-.004	.130
POA TO CENTROID in.	:	.182	.179	.329
MIN RADIUS	:	.150	.245	.161
MEAN RADIUS	:	1.002	.880	.797
MAX RADIUS	:	1.969	1.457	1.070
HORIZONTAL SPREAD	:	2.357	2.070	1.670
VERTICAL SPREAD	:	2.848	1.970	1.619
EXTREME SPREAD	:	2.862	2.666	2.077
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611550

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 1.992

VS= 2.729

GS= 2.753

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.101	1.131	1.125
MINIMUM X	-.891	-.861	-.867
MAXIMUM Y	1.413	.843	.698
MINIMUM Y	-1.316	-1.159	-.796
CENTROID X	.302	.272	.278
CENTROID Y	.046	-.111	.034
POA TO CENTROID in.	.306	.293	.280
MIN RADIUS	.418	.331	.404
MEAN RADIUS	.913	.857	.797
MAX RADIUS	1.440	1.201	1.251
HORIZONTAL SPREAD	1.992	1.992	1.992
VERTICAL SPREAD	2.729	2.002	1.494
EXTREME SPREAD	2.753	2.330	2.330
NUMBER IN ONE INCH CIRCLE	= 3		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 10		

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611550

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.969

VS = 2.700

GS = 2.981

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.924	.889	.936
MINIMUM X	-1.045	-.831	-.784
MAXIMUM Y	.978	.967	.751
MINIMUM Y	-1.722	-1.733	-.696
CENTROID X	.095	-.119	-.166
CENTROID Y	-.219	-.208	.008
POA TO CENTROID in.	.239	.240	.167
MIN RADIUS	.324	.169	.368
MEAN RADIUS	1.005	.874	.752
MAX RADIUS	1.927	1.774	.997
HORIZONTAL SPREAD	2.969	1.720	1.720
VERTICAL SPREAD	2.700	2.700	1.447
EXTREME SPREAD	2.981	2.768	1.769
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11550

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.326

VS= 2.491

GS= 2.733

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.105	.851	.871
MINIMUM X	-1.221	-1.098	-1.078
MAXIMUM Y	1.079	.978	.817
MINIMUM Y	-1.412	-1.292	-.745
CENTROID X	.119	-.004	-.024
CENTROID Y	.042	-.078	.083
POA TO CENTROID in.	.126	.078	.087
MIN RADIUS	.203	.278	.258
MEAN RADIUS	.835	.753	.670
MAX RADIUS	1.545	1.302	1.148
HORIZONTAL SPREAD	2.326	1.949	1.949
VERTICAL SPREAD	2.491	2.270	1.561
EXTREME SPREAD	2.733	2.274	2.046
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 9		

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611550

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.058

VS= 2.668

GS= 3.591

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.892	1.266	1.031
MINIMUM X	-1.166	-.956	-.797
MAXIMUM Y	1.471	.865	.782
MINIMUM Y	-1.197	-1.034	-1.116
CENTROID X	-.142	-.352	-.511
CENTROID Y	.182	.019	.102
POA TO CENTROID in.	.231	.353	.521
MIN RADIUS	.253	.014	.181
MEAN RADIUS	1.005	.784	.709
MAX RADIUS	2.397	1.429	1.201
HORIZONTAL SPREAD	3.058	2.222	1.828
VERTICAL SPREAD	2.668	1.899	1.899
EXTREME SPREAD	3.591	2.580	2.193
NUMBER IN ONE INCH CIRCLE	= 3		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 9		