

C6594653

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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

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

MODEL 700TM M24

SERIAL NO.
 C6594653

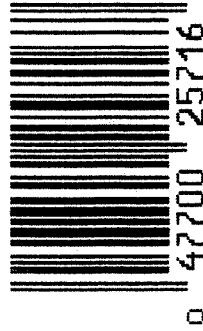
ORDER NO.
5716

20

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



UPC



RECEIVED BARBER M2400021223 REPORT

COMMENTS

ORDER

R 94-18722

INITIAL	CUSTOMER ORDER NO.		W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT			
LJM	DAAA09-92-C-0834		ATTN FRED MARTIN <i>SCOPE 90-0478</i>			
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
06/14/94	06/15/94		C6594653		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

AL 36201-5025

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

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					
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			10/30		

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0021184 M2400021223

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6594653DATE 10-30-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.65	2.40	2.51		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.61	2.42	2.52		
PULL #3	2.61	2.48	2.40		
PULL #4	2.35	2.52	2.73		
PULL #5	2.32	2.66	2.68		
TOTAL	12.54	12.48	12.84		
AVG.	2.50	2.49	2.56		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.18		
PULL #2	3.00	3.00		
PULL #3	2.94	3.18		
PULL #4	3.21	3.09		
PULL #5	3.04	3.14		
TOTAL	15.34	15.59		
AVG.	3.06	3.11		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.08	4.27	
PULL #2	4.28	4.25	4.41	
PULL #3	4.27	4.30	4.30	
PULL #4	4.22	4.00	4.40	
PULL #5	4.22	4.20	4.45	
TOTAL	21.26	20.83	21.83	
AVG.	4.25	4.16	4.36	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6594653

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. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			11/28	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/28	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	2.48	2.52	2.52	2.46	2.35	11/28	WB
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594653

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/21/90	K.S.
600	Proof		12/21/90	K.S.
607	Check Headspace		12/21/90	K.S.
610	Dis-assemble Gun		12/21/90	K.S.
612	Magnaflux Barrel Action		1/9/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	JS
617	Drill and Tap Sight Holes	1 10 91		LB
618	Polish Barrel	1 10 91		wt
620	Apply Coatings (Barrel Action)		1-22-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/6/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/6/91	KA
	C) Inspect Ejector Hole for Chamfer		2/6/91	KA
	D) Oil Firing Pin Ass'y		2/6/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/8/91	QC

op.	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5/2	5/2	5/2			2/8/91	WB
	G) Safety Off Force	3	3	3			2/8/91	WB
	H) Trigger Pull Test & Retainability						2-8-91	RI
	I) Firing Pin Indent	.0205	.0207	.0207			2/8/91	WB
	J) Assemble Stock						2/8/91	KA
	K) Assemble Swivel Studs						2-21-91	KA
	L) Attach Front and Rear Sight Assemblies						2/8/91	KA
	M) Iron Sight Alignment						2/8/91	KA
	N) Detach Front & Rear Sights & place in numbered container						2/8/91	KA
	O) Attach Scope to Rifle						2/8/91	KA
	P) Detach & Attach Scope 20 Times						2/8/91	KA
640	Gallery Target & Test						2-11-91	AC
	A) Time						2-11-91	AC
	B) Malfunctions						2-11-91	AC
	C) Pierced Primers						2-11-91	AC
	D) Optical Clarity of Scope						2-11-91	AC
645	Inspect for Live Ammo						2-11-91	AC
655	Final Inspection							
	A) Headspace						2-21-91	KA
	B) Trigger Pull	220	220	221	221	221	2/19/91	WB
	C) Function						2-21-91	KA
660	Pack						3/14/91	WB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594653

DATE 2-8-91

TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.18	2.38	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.20	2.43	2.20	
PULL #3	2.17	2.48	2.40	2.21	
PULL #4	2.19	2.41	2.50	2.21	
PULL #5	2.16	2.38	2.30	2.21	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.38		
PULL #2	3.32	3.30		
PULL #3	3.34	3.36		
PULL #4	3.32	3.31		
PULL #5	3.38	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	4.47	4.30		4.34
PULL #2	4.30	4.37		4.25
PULL #3	4.39	4.39		4.31
PULL #4	4.34	4.11		4.31
PULL #5	4.27	4.31		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594653
12 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.535298
1 TO	2	.33031
1 TO	3	.558664
1 TO	4	.375959
1 TO	5	.33615

✱¹ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2036
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .087
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .221409
THE AMP FOR THIS RIFLE IS: .7958

12 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594653

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 1.413

VS = 2.647

ES = 2.729

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.579	.552	.602
MINIMUM X	:	-.834	-.861	-.811
MAXIMUM Y	:	1.272	1.119	.946
MINIMUM Y	:	-1.375	-.732	-.593
CENTROID X	:	.488	.515	.465
CENTROID Y	:	.220	.373	.233
POA TO CENTROID in.	:	.536	.636	.520
MIN RADIUS	:	.163	.287	.170
MEAN RADIUS	:	.783	.721	.640
MAX RADIUS	:	1.396	1.188	.950
HORIZONTAL SPREAD	:	1.413	1.413	1.413
VERTICAL SPREAD	:	2.647	1.851	1.539
EXTREME SPREAD	:	2.729	2.170	1.720
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

12 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594653

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 2

2 in - 8

3 in - 10

RS = 2.002

VS = 1.719

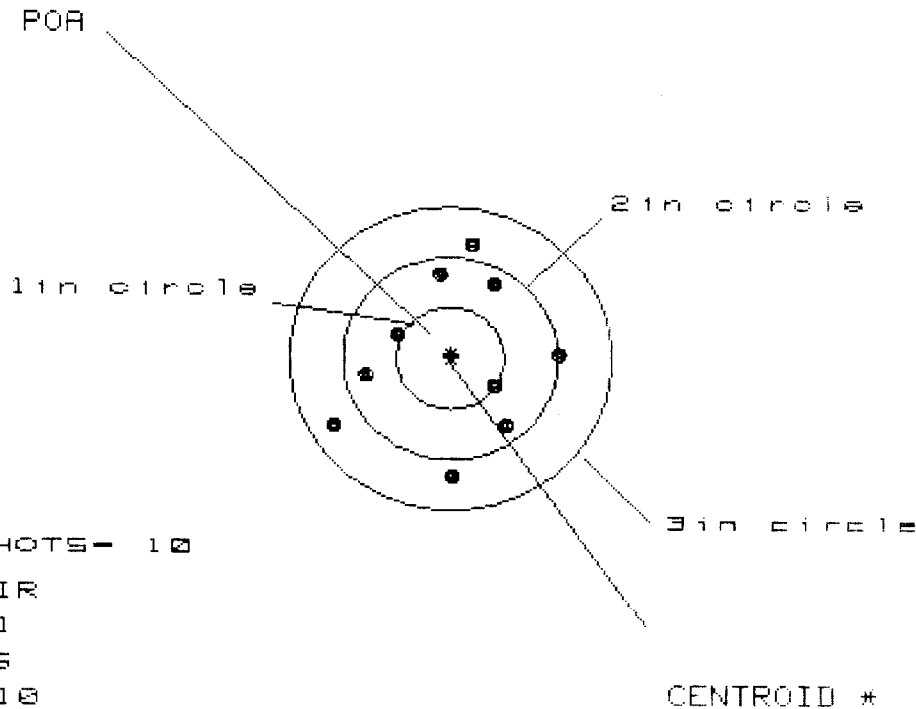
GS = 2.217

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.993	.688	.575
MINIMUM X	:	-1.009	-.898	-.741
MAXIMUM Y	:	.847	.750	.634
MINIMUM Y	:	-.872	-.935	-.856
CENTROID X	:	.249	.138	.251
CENTROID Y	:	-.008	.089	.205
POA TO CENTROID in.	:	.249	.164	.324
MIN RADIUS	:	.146	.156	.082
MEAN RADIUS	:	.774	.704	.573
MAX RADIUS	:	1.322	1.296	1.121
HORIZONTAL SPREAD	:	2.002	1.586	1.316
VERTICAL SPREAD	:	1.719	1.685	1.490
EXTREME SPREAD	:	2.217	2.101	1.760
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/06594653

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.079

VS= 2.273

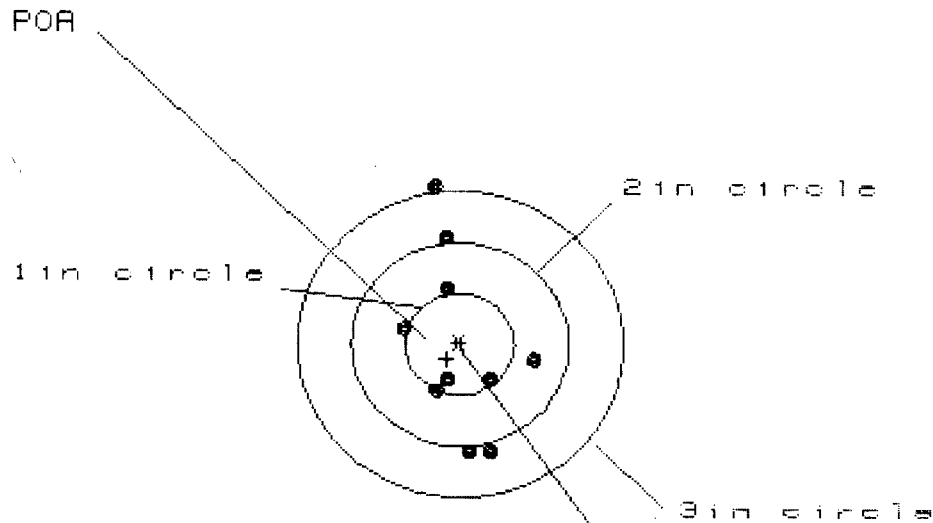
CS= 2.277

PATTERN #	:	3
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.014
MINIMUM X	:	-1.065
MAXIMUM Y	:	1.095
MINIMUM Y	:	-1.178
CENTROID X	:	-.007
CENTROID Y	:	-.039
POA TO CENTROID in.	:	.040
MIN RADIUS	:	.424
MEAN RADIUS	:	.881
MAX RADIUS	:	1.270
HORIZONTAL SPREAD	:	2.079
VERTICAL SPREAD	:	2.273
EXTREME SPREAD	:	2.277
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	6
NUMBER IN THREE INCH CIRCLE	=	10

12 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594653

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.160

VS= 2.582

GS= 2.640

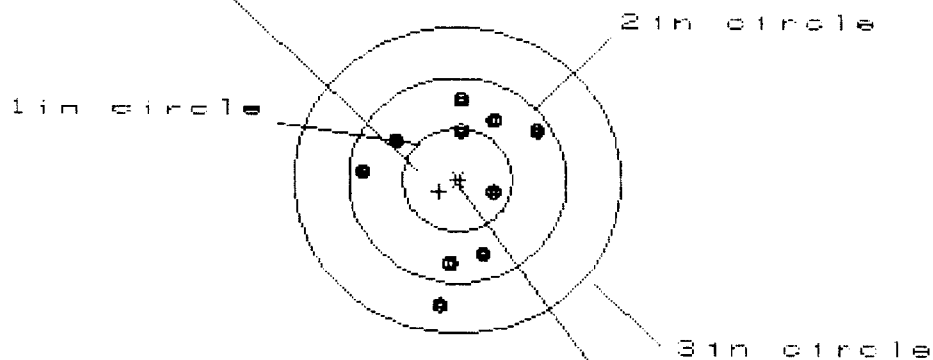
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.648	.622	.659
MINIMUM X	:	-.512	-.538	-.501
MAXIMUM Y	:	1.530	1.237	1.127
MINIMUM Y	:	-1.052	-.882	-.968
CENTROID X	:	.119	.145	.108
CENTROID Y	:	.148	-.022	.089
POA TO CENTROID in.	:	.190	.147	.140
MIN RADIUS	:	.340	.196	.280
MEAN RADIUS	:	.787	.664	.642
MAX RADIUS	:	1.547	1.251	1.137
HORIZONTAL SPREAD	:	1.160	1.160	1.160
VERTICAL SPREAD	:	2.582	2.119	2.094
EXTREME SPREAD	:	2.640	2.173	2.103
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

12 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594653

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 9

3in = 10

HS= 1.674

VS= 1.969

GS= 1.979

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.773	.759	.399
MINIMUM X	-.901	-.915	-.820
MAXIMUM Y	.776	.643	.690
MINIMUM Y	-1.193	-.921	-.874
CENTROID X	.169	.183	.088
CENTROID Y	.114	.247	.200
POA TO CENTROID in.	.204	.307	.219
MIN RADIUS	.303	.362	.413
MEAN RADIUS	.754	.684	.668
MAX RADIUS	1.200	.927	.890
HORIZONTAL SPREAD	1.674	1.674	1.219
VERTICAL SPREAD	1.969	1.564	1.564
EXTREME SPREAD	1.979	1.719	1.572
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	