

C6523503

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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

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

MODEL 700™ M24

SERIAL NO. C6523503

ORDER NO. 5716

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

01

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

UPC

0 47700 25716 7

5716 C6523503

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 652 3503

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action		8/21/90	KCR
	Magnaflux Bolt		8/21/90	KCR
615	Rollmark Caliber		8/21/90	G.S.
617	Drill and Tap Sight Holes		8/23/90	FB
618	Polish Barrel RB		8/23/90	WB
620	Apply Coatings (Barrel Action)		8-21-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9-14	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9-14	KS
	C) Inspect Ejector Hole for Chamfer		9-14	KS
	D) Oil Firing Pin Ass'y		9-14	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9/14/90	WB

BARBER - M24 0029210		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	5	5	5			9/14/90	WB
	G) Safety Off Force	2	2	2			9/14/90	WB
	H) Trigger Pull Test & Retainability						9/14/90	WB
	I) Firing Pin Indent	.0245	.0245	.0245			9/14/90	WB
	J) Assemble Stock						9/14/90	KA
	K) Assemble Swivel Studs						9/16/90	JS
	L) Attach Front and Rear Sight Assemblies						9/14/90	KA
	M) Iron Sight Alignment						9/14/90	KA
	N) Detach Front & Rear Sights & place in numbered container						9/14/90	KA
	O) Attach Scope to Rifle						9/14/90	KA
	P) Detach & Attach Scope 20 Times						9/14/90	KA
640	Gallery Target & Test						9/15/90	PT
	A) Time						9/15/90	KT
	B) Malfunctions						9/15/90	KT
	C) Pierced Primers						9/15/90	KT
	D) Optical Clarity of Scope						9/15/90	KT
645	Inspect for Live Ammo						9/15/90	FT
655	Final Inspection							
	A) Headspace						9/16/90	JS
	B) Trigger Pull	2.50	2.42	2.46	2.33	2.33	9-16-90	JS
	C) Function						9/16/90	JS
660	Pack						12/18/90	AP

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523503DATE 9/14/90TESTER WLB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.39	2.51	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.24	2.55	2.42	
PULL #3	2.31	2.22	2.45	2.46	
PULL #4	2.27	2.34	2.43	2.33	
PULL #5	2.24	2.36	2.55	2.33	
TOTAL	11.56	11.55	12.49	12.04	
AVG.	2.31	2.31	2.50	2.408	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.07		
PULL #2	3.26	3.22		
PULL #3	3.26	3.24		
PULL #4	3.36	3.20		
PULL #5	3.30	3.12		
TOTAL	16.43	15.85		
AVG.	3.28	3.17		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	3.90		4.23
PULL #2	4.05	3.80		4.31
PULL #3	4.09	3.95		4.30
PULL #4	4.12	4.00		4.29
PULL #5	4.19	3.85		4.26
TOTAL	20.50	19.50		21.39
AVG.	4.10	3.90		4.28

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523503
15 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.0629682
1 TO	2	.136312
1 TO	3	.434356
1 TO	4	.277366
1 TO	5	.0441475

3⁴ E (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.073
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.031
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0793095
THE AMR FOR THIS RIFLE IS: 1.24

15 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08523503

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

CENTROID *

H0 = 3.642

V0 = 2.366

G0 = 3.705

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.397	1.148	1.036
MINIMUM X	-2.245	-1.408	-1.520
MAXIMUM Y	1.689	1.620	.724
MINIMUM Y	-.677	-.746	-.543
CENTROID X	.053	.302	.414
CENTROID Y	-.034	.035	-.168
POA TO CENTROID in.	.063	.304	.446
MIN RADIUS	.399	.429	.207
MEAN RADIUS	1.088	.988	.713
MAX RADIUS	2.330	1.849	1.614
HORIZONTAL SPREAD	3.642	2.556	2.556
VERTICAL SPREAD	2.366	2.366	1.267
EXTREME SPREAD	3.705	2.660	2.660
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

15 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523583

CENTERFIRE PATTERNS

2

POR

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 3

3 in = 7

H0 = 0.986

V0 = 0.759

Q0 = 3.051

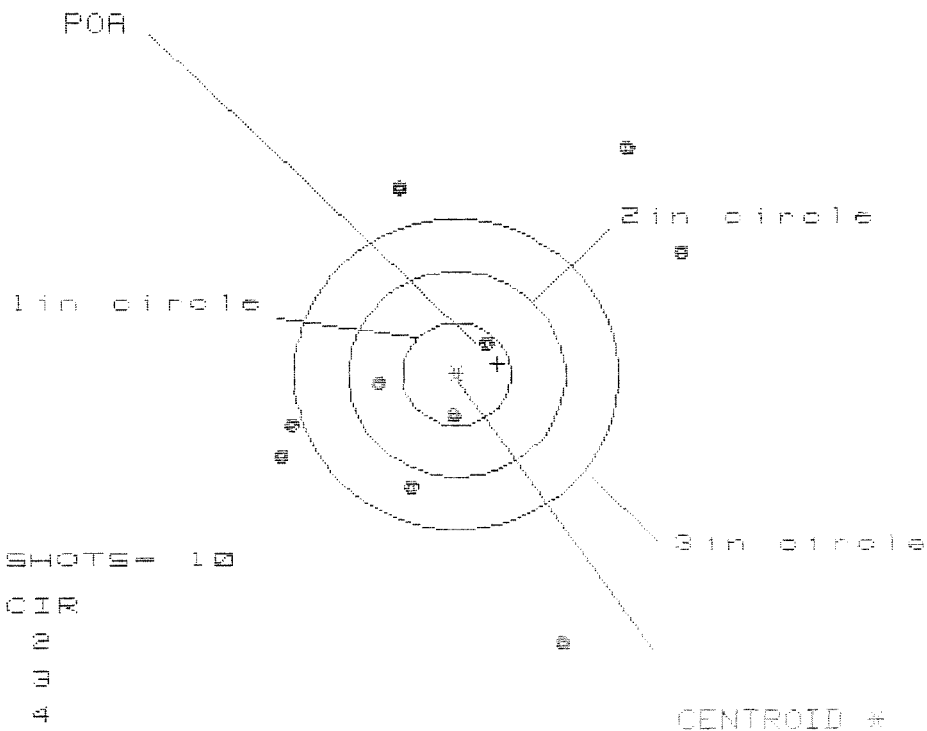
CENTROID #

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.458
MINIMUM X	:	-1.498
MAXIMUM Y	:	1.544
MINIMUM Y	:	-1.215
CENTROID X	:	.078
CENTROID Y	:	-.168
POR TO CENTROID in.	:	.185
MIN RADIUS	:	.411
MEAN RADIUS	:	1.120
MAX RADIUS	:	1.662
HORIZONTAL SPREAD	:	2.956
VERTICAL SPREAD	:	2.759
EXTREME SPREAD	:	3.051
NUMBER IN ONE INCH CIRCLE	=	3
NUMBER IN TWO INCH CIRCLE	=	3
NUMBER IN THREE INCH CIRCLE	=	7

15 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523503

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 4

HE = 3.743

VS = 4.806

GS = 4.834

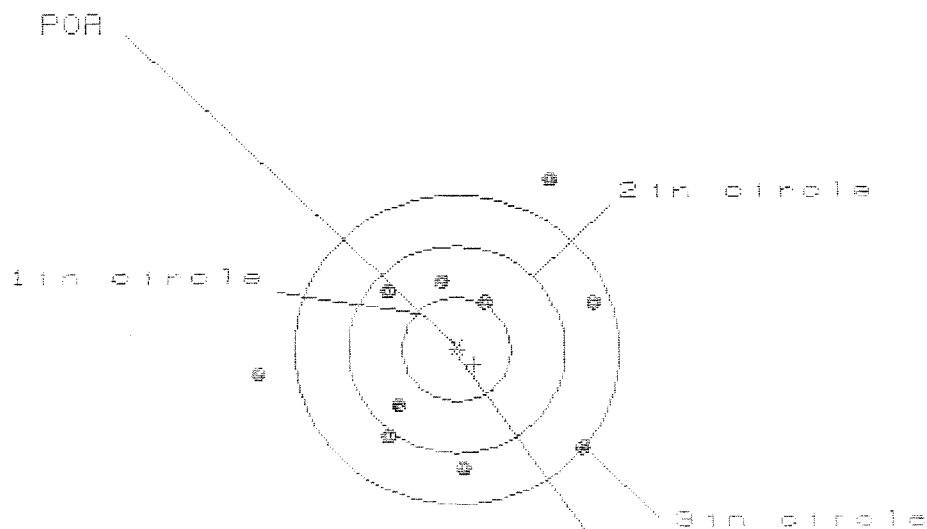
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	2.094
MINIMUM X	-1.649
MAXIMUM Y	2.238
MINIMUM Y	-2.568
CENTROID X	-0.376
CENTROID Y	-0.102
POA TO CENTROID in.	0.390
MIN RADIUS	0.403
MEAN RADIUS	1.596
MAX RADIUS	2.765
HORIZONTAL SPREAD	3.743
VERTICAL SPREAD	4.806
EXTREME SPREAD	4.834
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	4

15 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523503

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 7

10 = 2.0000

V0 = 2.0000

G0 = 3.0400

CENTROID #

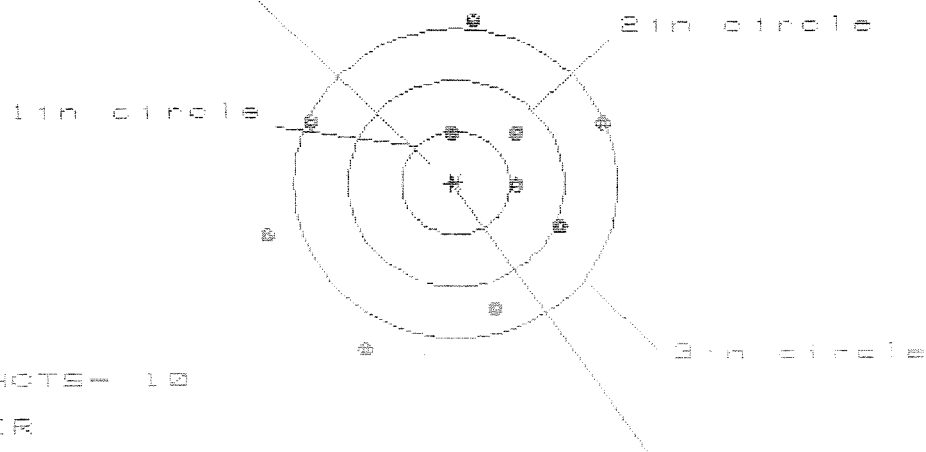
PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.269	1.369	1.155
MINIMUM X	-1.811	-1.711	-1.718
MAXIMUM Y	1.688	.946	.835
MINIMUM Y	-1.180	-.992	-1.003
CENTROID X	-.163	-.263	-.049
CENTROID Y	.140	-.048	-.037
POA TO CENTROID in.	.214	.267	.061
MIN RADIUS	.536	.572	.648
MEAN RADIUS	1.155	1.059	.981
MAX RADIUS	1.913	1.714	1.315
HORIZONTAL SPREAD	3.080	3.080	1.873
VERTICAL SPREAD	2.868	1.838	1.938
EXTREME SPREAD	3.349	3.165	2.291
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

15 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523503

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 3.041

VS= 3.234

GS= 3.393

CENTROID *

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.334	1.235	1.039
MINIMUM X	-1.707	-1.806	-1.703
MAXIMUM Y	1.600	1.418	1.334
MINIMUM Y	-1.634	-1.362	-1.446
CENTROID X	.043	.142	.366
CENTROID Y	.009	.191	.275
POA TO CENTROID in.	.044	.238	.459
MIN RADIUS	.497	.344	.367
MEAN RADIUS	1.239	1.126	.971
MAX RADIUS	1.860	1.926	1.725
HORIZONTAL SPREAD	3.041	3.041	2.712
VERTICAL SPREAD	3.234	2.780	2.780
EXTREME SPREAD	3.393	3.242	2.793
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

RECEIVING AND ESTIMATING REPORT

BARBER M24 0029218

COMMENTS

35 CLICKS LEFT

ORDER
R 94-18391

INITIAL	CUSTOMER ORDER NO.		W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT		
FDC	DAAA09-92-C-0834		ATTN: FRED MARTIN		
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/11/94	06/11/94	.	C6523503		700 7.62 NATO
ACCESSORIES	SLING STRAP	HARD CASE	SCOPE MNTS	SCOPE BASE	

90-0401

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
					FRT

- 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
✓ Stock	\$471.11
Trigger Assy	173.31
CTV	50.00
	\$694.42
REPAIRMAN	PROOF
CLEAN	TEST
TARGET	PATTERN
GALLERY TESTER	DATE
DATE	DATE
DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0029218

M2400029257

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523503

DATE 9-14-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	285	257	275	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	284	273	275	
PULL #3	284	262	276	
PULL #4	287	273	280	
PULL #5	272	273	280	
TOTAL	1412	1338	1384	
AVG.	282	267	277	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	327	335		
PULL #2	327	337		
PULL #3	321	340		
PULL #4	335	332		
PULL #5	310	340		
TOTAL	1620	1684		
AVG.	324	336		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	429	429	421	
PULL #2	431	417	411	
PULL #3	421	424	421	
PULL #4	432	424	428	
PULL #5	418	416	417	
TOTAL	2131	2110	2098	
AVG.	426	422	419	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523503

CP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 530	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			

BARBER - M24 0029221

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7 1/2	7 1/2	7 1/4			1/24/96	WB
	G) Safety Off Force	3	3	3			1/24/96	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						1/27/96	WB
	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	2.49	2.50	2.50	2.52	2.51	1/24/96	WB
	C) Function							
660	Pack							