

C6348831

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Smead®

Remington
MODEL 700™ M24

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

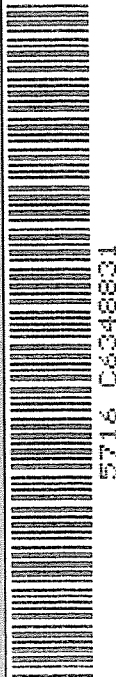
DUPONT
 REG. U.S. PAT. & TM. OFF.

SERIAL NO.
D6348831

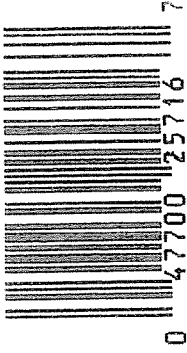
ORDER NO.
5716

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

Ø1



LPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348831

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 21	89	RW
600	Proof	7 21	89	RW
607	Check Headspace	21	89	RW
610	Dis-assemble Gun	0 21	89	RW
612	Magnaflux Barrel Action		7/25/89	KR
	Magnaflux Bolt		7/25/89	KR
615	Rollmark Caliber		7/25/89	sd
7	Drill and Tap Sight Holes		7/27/89	W.C.
618	Polish Barrel <i>AB</i>		7/31/89	W.B.
620	Apply Coatings (Barrel Action)		8/2/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/89	RW
	C) Inspect Ejector Hole for Chamfer		8/7/89	RW
	D) Oil Firing Pin Ass'y		8/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/11/89	J.U.

op. #	BARBER - M24 0039297	READINGS			DATE	INIT
	OP. NAME					
625 cont.	F) Safety On Force	6	6	6	8/11/89	JH
	G) Safety Off Force	4	4	4	8/11/89	JH
	H) Trigger Pull Test & Retainability				8/11/89	JH
	I) Firing Pin Indent	215	21	215	8/11/89	JH
	J) Assemble Stock				8/15/89	RW
	K) Assemble Swivel Studs				8/15/89	JS
	L) Attach Front and Rear Sight Assemblies				8/15/89	RW
	M) Iron Sight Alignment				8/15/89	RW
	N) Detach Front & Rear Sights & place in numbered container				8/15/89	RW
	O) Attach Scope to Rifle				8/15/89	JH
	P) Detach & Attach Scope 20 Times				8/15/89	JH
640	Gallery Target & Test	54 R	99L		8-21-89	DH
	A) Time				8-21-89	DH
	B) Malfunctions				8-21-89	DH
	C) Pierced Primers				8-21-89	DH
	D) Optical Clarity of Scope				8-21-89	DH
645	Inspect for Live Ammo				8-21-89	DH
655	Final Inspection				8-21-89	JS
	A) Headspace				8-21-89	JS
	B) Trigger Pull	2.12	2.03	2.21	8-21-89	JS
	C) Function				8-21-89	JS
660	Pack				8-21-89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348831DATE 9 NOV 90TESTER WJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.17	2.43	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.12	2.43	2.41	
PULL #3	2.07	2.41	2.46	
PULL #4	2.09	2.37	2.44	
PULL #5	2.44	2.38	2.40	
TOTAL	10.89	12.02	12.16	
AVG.	2.178	2.404	2.432	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.26	3.25	
PULL #2	3.20	3.26	
PULL #3	3.20	3.23	
PULL #4	3.21	3.21	
PULL #5	3.20	3.22	
TOTAL	16.07	16.17	
AVG.	3.214	3.234	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.03	4.00		
PULL #2	3.91	4.02		
PULL #3	4.03	3.99		
PULL #4	4.02	3.99		
PULL #5	4.02	4.02		
TOTAL	20.01	20.02		
AVG.	4.002	4.004		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348831
21 Aug 1989

CENTROIDAL DISTANCES

0 TO 1	.607593
1 TO 2	.0908735
1 TO 3	.908273
1 TO 4	.271892
1 TO 5	.170496

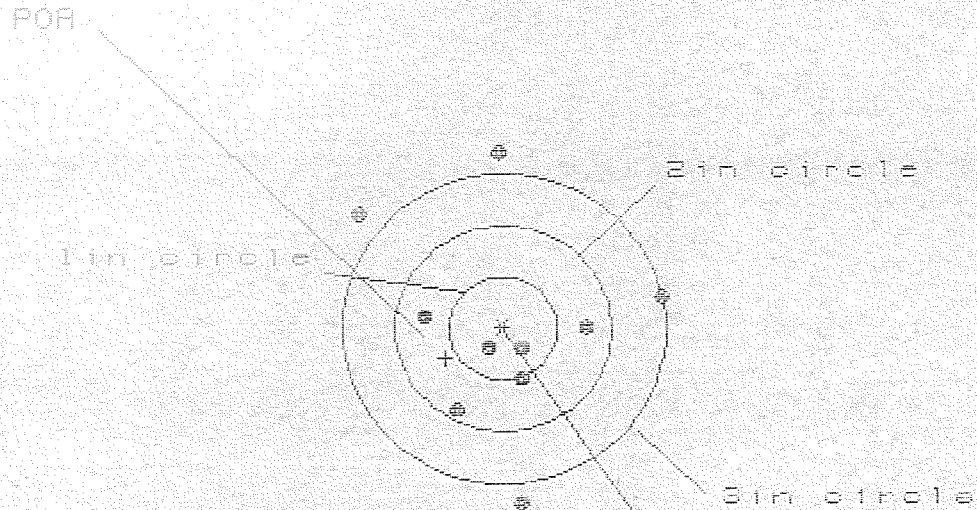
$\frac{3}{4}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3232
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2766
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .425401
THE AMR FOR THIS RIFLE IS: 1.07

21 Aug 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C934B831

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 6

HS= 2.852

VS= 3.406

GS= 3.412

CENTROID #

PATTERN #

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.471	1.318	1.318
MINIMUM X	-1.381	-0.927	-0.927
MAXIMUM Y	1.704	1.833	1.636
MINIMUM Y	-1.702	-1.573	-0.836
CENTROID X	.535	.688	.688
CENTROID Y	.288	.159	.356
POA TO CENTROID in.	.607	.706	.775
MIN RADIUS	.208	.071	.266
MEAN RADIUS	1.015	.887	.843
MAX RADIUS	1.802	1.843	1.647
HORIZONTAL SPREAD	2.852	2.245	2.245
VERTICAL SPREAD	3.406	3.406	2.472
EXTREME SPREAD	3.412	3.412	2.501
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	6		

21 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C534B831

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 3

3in = 7

HS= 2.828

VS= 2.832

GS= 3.192

CENTROID #

PATTERN #

2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.661	1.537	1.561
MINIMUM X	-1.167	-1.231	-1.098
MAXIMUM Y	1.345	1.352	1.385
MINIMUM Y	-1.486	-1.337	-1.304
CENTROID X	.452	.576	.383
CENTROID Y	.251	.101	.068
POA TO CENTROID in.	.517	.584	.389
MIN RADIUS	.458	.265	.414
MEAN RADIUS	1.227	1.130	1.091
MAX RADIUS	1.746	1.649	1.592
HORIZONTAL SPREAD	2.828	2.828	2.659
VERTICAL SPREAD	2.832	2.689	2.689
EXTREME SPREAD	3.192	2.871	2.871
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

21 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS348831

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

* OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.743

VS= 2.068

GS= 2.935

CENTROID #

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.706

.830

.724

MINIMUM X

-1.037

-.847

-.935

MAXIMUM Y

.877

.856

.960

MINIMUM Y

-1.191

-1.212

-1.100

CENTROID X

-.369

-.559

-.453

CENTROID Y

.376

.397

.293

POA TO CENTROID (in.)

.527

.686

.540

MIN RADIUS

.261

.221

.227

MEAN RADIUS

.958

.854

.803

MAX RADIUS

1.717

1.391

1.249

HORIZONTAL SPREAD

2.743

1.677

1.659

VERTICAL SPREAD

2.068

2.068

2.068

EXTREME SPREAD

2.935

2.554

2.173

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

9

21 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8346831

CENTERFIRE PATTERNS

5

POB

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 2.248

VS= 2.234

GS= 2.713

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.130

1.008

.884

MINIMUM X

-1.118

-.993

-1.079

MAXIMUM Y

1.108

1.206

1.138

MINIMUM Y

-1.126

-1.028

-1.096

CENTROID X

.485

.360

.484

CENTROID Y

.451

.353

.421

POB TO CENTROID in.

.662

.504

.642

MIN RADIUS

.113

.267

.126

MEAN RADIUS

.995

.949

.904

MAX RADIUS

1.430

1.286

1.200

HORIZONTAL SPREAD

2.248

2.001

1.963

VERTICAL SPREAD

2.234

2.234

2.234

EXTREME SPREAD

2.713

2.370

2.316

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

10

CENTROIDAL DISTANCES

0 TO	1	.323446
1 TO	2	.155077
1 TO	3	.199
1 TO	4	.318247
1 TO	5	.230703

#39-1000-FOIA

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

INTERCHANGEABILITY

19 Sep 1989

FILE: \PATTERNING\CENTERFIRE_PATT\CG34B879.1

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 9

HS = 2.823

VS = 2.368

GS = 2.942

CENTROID #

PATTERN #

1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.418	.877	.721
MINIMUM X	-1.405	-1.248	-.891
MAXIMUM Y	1.191	1.248	1.215
MINIMUM Y	-1.177	-1.120	-1.153
CENTROID X	.204	.047	.203
CENTROID Y	-.251	-.308	-.275
POA TO CENTROID in.	.324	.311	.341
MIN RADIUS	.240	.387	.236
MEAN RADIUS	1.053	1.010	.946
MAX RADIUS	1.505	1.401	1.363
HORIZONTAL SPREAD	2.823	2.125	1.612
VERTICAL SPREAD	2.368	2.368	2.368
EXTREME SPREAD	2.942	2.644	2.644
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

INTERCHANGEABILITY

18 Sep 1989

FILE: PATTERNING/CENTERFIRE_PATT/C834B879.1

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.406

VS= 2.562

GS= 2.682

CENTROID #

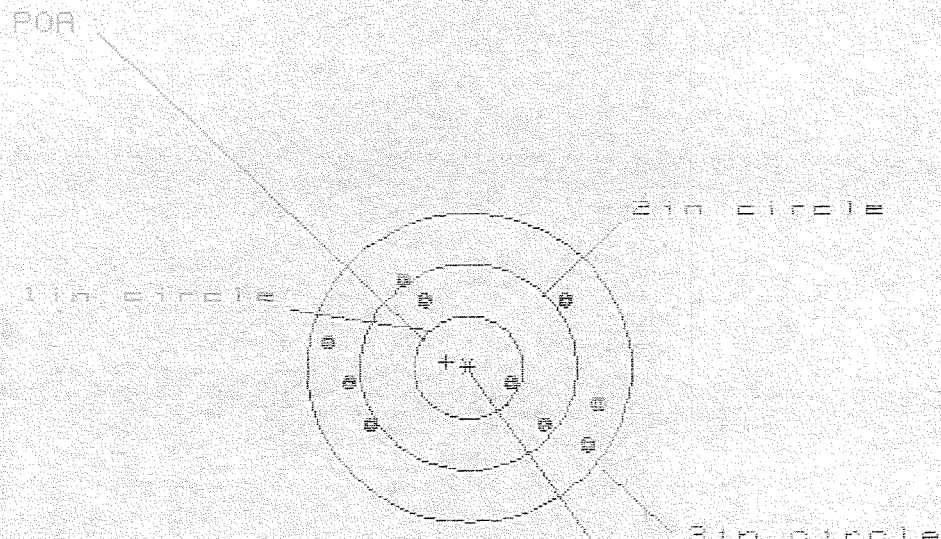
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.367	1.281	1.340
MINIMUM X	-1.039	-1.125	-1.066
MAXIMUM Y	1.468	1.423	.831
MINIMUM Y	-1.094	-.931	-.753
CENTROID X	.264	.350	.291
CENTROID Y	-.108	-.271	-.449
POA TO CENTROID in.	.285	.443	.536
MIN RADIUS	.506	.500	.424
MEAN RADIUS	1.075	.985	.899
MAX RADIUS	1.662	1.500	1.358
HORIZONTAL SPREAD	2.406	2.406	2.406
VERTICAL SPREAD	2.562	2.354	1.584
EXTREME SPREAD	2.682	2.682	2.421
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

INTERCHANGEABILITY

18 Sep 1989

FILE: PATTERNING CENTERFIRE_PATT/0634B079.1

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HS = 2.450

VS = 1.551

GS = 2.585

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.172	1.030	1.148
MINIMUM X	:	-1.278	-1.257	-1.139
MAXIMUM Y	:	.834	.864	.770
MINIMUM Y	:	-.717	-.687	-.614
CENTROID X	:	.204	.346	.228
CENTROID Y	:	-.052	-.082	.004
POA TO CENTROID IN.	:	.211	.356	.228
MIN RADIUS	:	.405	.261	.404
MEAN RADIUS	:	1.024	.973	.951
MAX RADIUS	:	1.306	1.263	1.219
HORIZONTAL SPREAD	:	2.450	2.287	2.287
VERTICAL SPREAD	:	1.551	1.551	1.392
EXTREME SPREAD	:	2.585	2.296	2.296
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		10	

INTERCHANGEABILITY

19 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348879.1

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 10

HS= 1.562

VS= 2.160

GS= 2.263

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.911

.992

.970

MINIMUM X

-.651

-.570

-.592

MAXIMUM Y

1.121

1.223

.883

MINIMUM Y

-1.039

-.937

-.784

CENTROID X

-.005

-.086

-.064

CENTROID Y

-.011

-.113

-.265

POA TO CENTROID in.

.012

.142

.274

MIN RADIUS

.581

.492

.537

MEAN RADIUS

.919

.876

.819

MAX RADIUS

1.171

1.235

1.044

HORIZONTAL SPREAD

1.562

1.562

1.562

VERTICAL SPREAD

2.160

2.160

1.667

EXTREME SPREAD

2.263

2.166

1.777

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

INTERCHANGEABILITY

19 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348879.1

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS = 3.053

VS = 1.818

GS = 3.082

PATTERN #

5

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.088	.870	.864
MINIMUM X	-1.965	-.887	-.779
MAXIMUM Y	1.110	1.142	1.236
MINIMUM Y	-.708	-.676	-.582
CENTROID X	.434	.652	.544
CENTROID Y	-.233	-.265	-.359
POR TO CENTROID in.	.493	.704	.651
MIN RADIUS	.209	.035	.161
MEAN RADIUS	.889	.741	.685
MAX RADIUS	1.996	1.146	1.236
HORIZONTAL SPREAD	3.053	1.757	1.643
VERTICAL SPREAD	1.818	1.818	1.818
EXTREME SPREAD	3.082	2.193	1.892
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

BARBER - M24 0039311

RECEIVING AND ESTIMATING REPORT

INITIAL JUM		CUSTOMER ORDER NO.		COMMENTS W/LEUPOLD 10X SCOPE SNIPER M-24	
DATE RECEIVED 11/01/90	DATE OPENED 11/01/90	DATE CODE	SERIAL NUMBER C6340031	MODEL AND GRADE 700 7.62 NATO	ORDER R 90-28752
ACCESSORIES HARD CASE					

FROM:

CDR
1ST SF BN 10TH SFG (A)
ATTN ASOF-SFC-F-PBO
APO NY 09050

SHIP TO:

CDR
1ST SF BN 10TH SFG (A)
ATTN ASOF-SFC-F-PBO
APO NY 09050

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL	

GUN CONDITION:

☐ NEW☐ SLIGHTLY WORN☐ VERY WORN☐ MISUSED☐ MARRED

CUSTOMER'S REQUEST

Required per Government maintenance schedule 90-6

MAIN FAULT

9/1/91

PARTS						
	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0039311

M2400039350

