

06636277

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington

Remington
MODEL 700™ M24

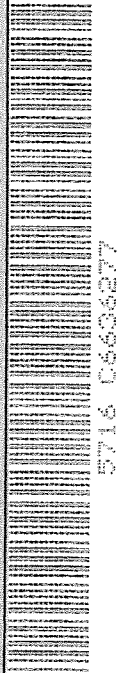
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

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

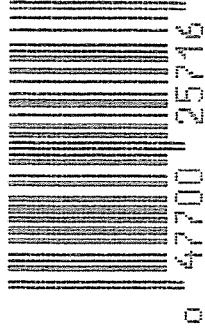
SERIAL NO.
C6606277

ORDER NO.
5716

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



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C 6636277**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/91	KA
600	Proof		6/24/91	KA
607	Check Headspace		6/24/91	KA
610	Dis-assemble Gun		6/24/91	KA
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	GS
617	Drill and Tap Sight Holes		JUL 1 1991	FB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/1/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/1/91	KA
	C) Inspect Ejector Hole for Chamfer		8/1/91	KA
	D) Oil Firing Pin Ass'y		8/1/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		8-2-91	KA

op. #	BARBER - M24 0032524 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			8-2-91	DH
	G) Safety Off Force	3 1/2	3 1/2	3			8-2-91	DH
	H) Trigger Pull Test & Retainability						8-2-91	JH
	I) Firing Pin Indent	.022	.020	.021			8-2-91	DH
	J) Assemble Stock						8/5/91	KR
	K) Assemble Swivel Studs						8-6-91	AC
	L) Attach Front and Rear Sight Assemblies						8/5/91	KR
	M) Iron Sight Alignment						8/5/91	KR
	N) Detach Front & Rear Sights & place in numbered container						8/5/91	KR
	O) Attach Scope to Rifle						8/5/91	KR
	P) Detach & Attach Scope 20 Times						8/5/91	KR
640	Gallery Target & Test						8/5/91	NE
	A) Time							NE
	B) Malfunctions							NE
	C) Pierced Primers							NE
	D) Optical Clarity of Scope							NE
645	Inspect for Live Ammo						8/5/91	NE
655	Final Inspection							
	A) Headspace						8-6-91	AC
	B) Trigger Pull	2.46	2.29	2.20	2.24	2.38	8-6-91	JH
	C) Function						8-6-91	AC
660	Pack						9-1-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6636277

DATE 8-2-91

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.36	2.51	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.52	2.35	2.29	
PULL #3	2.35	2.50	2.39	2.20	
PULL #4	2.39	2.54	2.50	2.24	
PULL #5	2.17	2.48	2.55	2.38	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.59	3.41		
PULL #2	3.37	3.26		
PULL #3	3.28	3.35		
PULL #4	3.37	3.38		
PULL #5	3.19	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.15		4.25
PULL #2	4.26	4.38		4.32
PULL #3	4.27	4.21		4.32
PULL #4	4.35	4.18		4.42
PULL #5	4.21	4.39		4.24
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636277
5 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.244616
1 TO	2	.169189
1 TO	3	.255666
1 TO	4	.149241
1 TO	5	.180924

4 <----POR

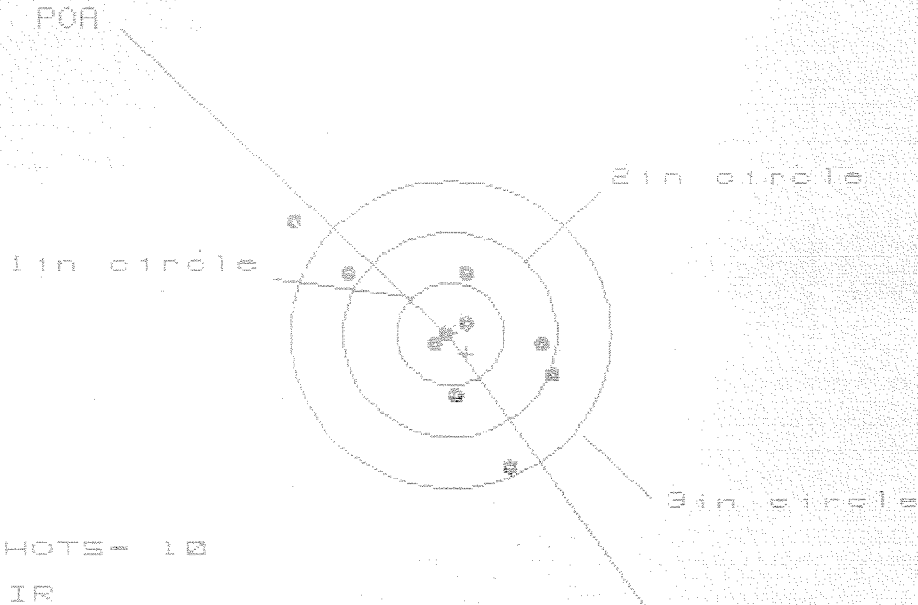
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0396
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1088
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1083
WE APR FOR THIS RIFLE IS: .877

5 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636277

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.430

VS= 2.455

GS= 3.196

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.965	.883	.855
MINIMUM X	-1.465	-1.089	-1.037
MAXIMUM Y	1.150	.766	.619
MINIMUM Y	-1.305	-1.177	-.621
CENTROID X	-.149	.013	-.039
CENTROID Y	.194	.066	.213
POA TO CENTROID in.	.245	.067	.217
MIN RADIUS	.075	.216	.068
MEAN RADIUS	.795	.686	.585
MAX RADIUS	1.862	1.332	1.208
HORIZONTAL SPREAD	2.430	1.892	1.892
VERTICAL SPREAD	2.455	1.943	1.240
EXTREME SPREAD	3.196	2.460	2.141
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

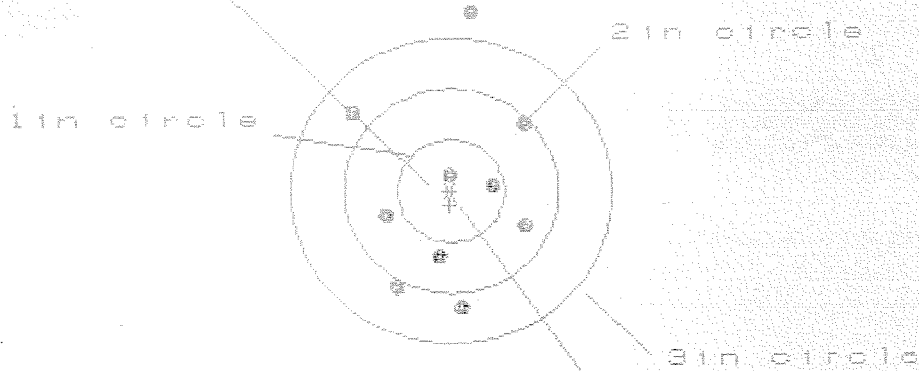
5 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636277

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.641

VS= 2.876

CS= 2.878

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.716

.736

.622

MINIMUM X

-1.925

-.985

-.719

MAXIMUM Y

1.741

.937

.950

MINIMUM Y

-1.135

-.942

-.824

CENTROID X

.011

-.009

.105

CENTROID Y

.139

-.054

-.172

POA TO CENTROID in.

.139

.055

.201

MIN RADIUS

.126

.318

.366

MEAN RADIUS

.878

.767

.687

MAX RADIUS

1.750

1.303

1.132

HORIZONTAL SPREAD

1.641

1.641

1.341

VERTICAL SPREAD

2.876

1.879

1.774

EXTREME SPREAD

2.878

2.126

1.971

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

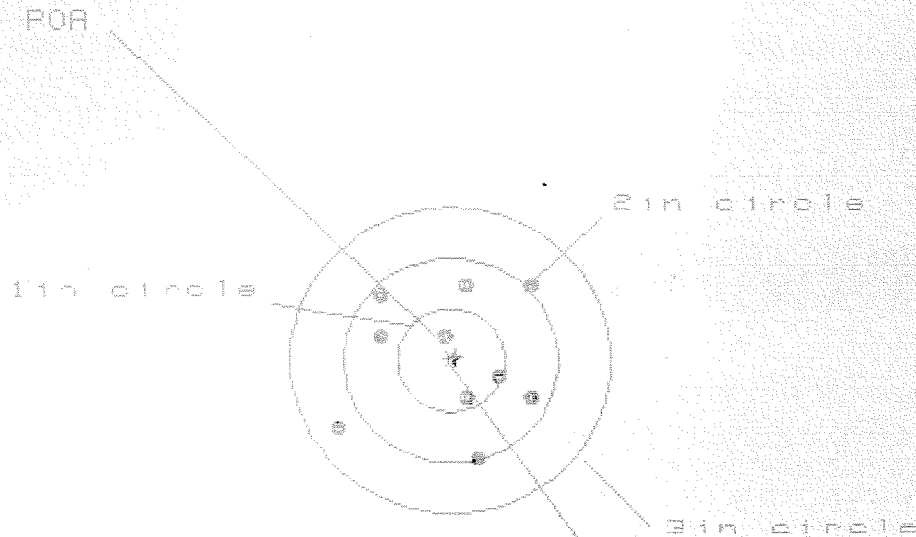
NUMBER IN THREE INCH CIRCLE =

9

5 Aug 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 10

HS = 1.791

VS = 1.713

GS = 2.235

CENTROID *

PATTERN #

3

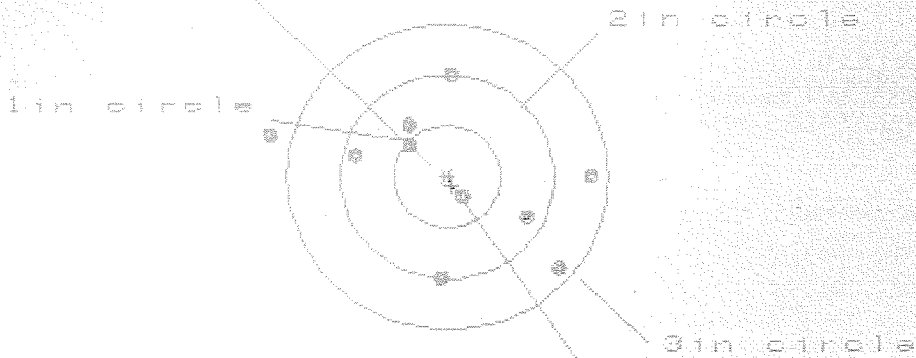
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.766	.652	.729
MINIMUM X	-1.025	-.806	-.729
MAXIMUM Y	.729	.657	.731
MINIMUM Y	-.984	-1.056	-.973
CENTROID X	-.046	.068	-.009
CENTROID Y	-.040	.032	-.051
POA TO CENTROID in.	.061	.075	.052
MIN RADIUS	.255	.257	.278
MEAN RADIUS	.763	.700	.671
MAX RADIUS	1.213	1.060	.990
HORIZONTAL SPREAD	1.791	1.458	1.458
VERTICAL SPREAD	1.713	1.713	1.704
EXTREME SPREAD	2.235	1.836	1.836
NUMBER IN ONE INCH CIRCLE =	3	3	3
NUMBER IN TWO INCH CIRCLE =	7	7	7
NUMBER IN THREE INCH CIRCLE =	10	10	10

5 Aug 1991

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CENTERFIRE PATTERNS # 4

POR



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.957

VS= 2.022

GS= 2.891

CENTROID #

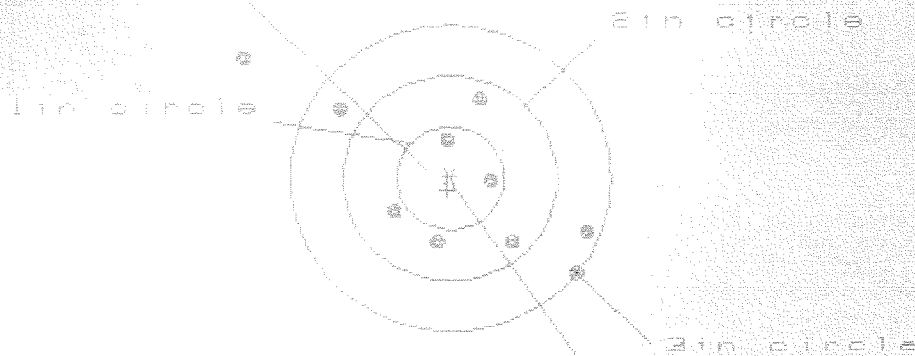
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.313	1.130	1.232
MINIMUM X	-1.644	-1.017	-.915
MAXIMUM Y	1.055	1.104	.998
MINIMUM Y	-.967	-.918	-1.024
CENTROID X	-.041	.142	.040
CENTROID Y	.091	.042	.148
POR TO CENTROID IN.	.100	.148	.154
MIN RADIUS	.236	.168	.264
MEAN RADIUS	.950	.862	.810
MAX RADIUS	1.703	1.182	1.234
HORIZONTAL SPREAD	2.957	2.147	2.147
VERTICAL SPREAD	2.022	2.022	2.022
EXTREME SPREAD	2.991	2.166	2.155
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

5 Aug 1991

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CENTERFIRE PATTERNS # 5

POB



OF SHOTS- 13

IN CIR

1in = 2

2in = 5

3in = 3

HS= 3.182

VS= 2.113

GS= 3.706

CENTROID *

PATTERN #	5	10	9	8
SHOTS (BEST OF)		10	9	8
MAXIMUM X	1.251	1.048	1.162	
MINIMUM X	-1.921	-1.284	-1.170	
MAXIMUM Y	1.153	.905	.801	
MINIMUM Y	-.960	-.832	-.627	
CENTROID X	.027	.240	.125	
CENTROID Y	.120	-.008	.096	
POB TO CENTROID in.	.123	.240	.158	
MIN RADIUS	.400	.213	.301	
MEAN RADIUS	.999	.830	.776	
MAX RADIUS	2.240	1.515	1.364	
HORIZONTAL SPREAD	3.182	2.332	2.332	
VERTICAL SPREAD	2.113	1.737	1.428	
EXTREME SPREAD	3.706	2.738	2.620	
NUMBER IN ONE INCH CIRCLE =		2		
NUMBER IN TWO INCH CIRCLE =		6		
NUMBER IN THREE INCH CIRCLE =		9		