

C6649150

MODEL 760™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.

Remington

Remington®
REG. U.S. PAT. & TM. OFF.

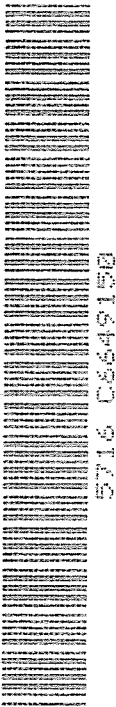
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ M24

SERIAL NO.
C6649150

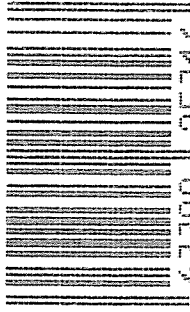
ORDER NO.
5716

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



5716 C6649150

UPC



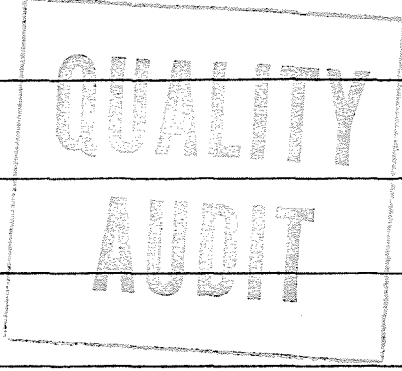
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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6649150

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	KH
600	Proof		7/24/91	KH
607	Check Headspace		7/24/91	KH
610	Dis-assemble Gun		7/24/91	KH
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	BS
617	Drill and Tap Sight Holes		AUG 7 1991	FB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	
	C) Inspect Ejector Hole for Chamfer		8/29/91	
	D) Oil Firing Pin Ass'y		8/29/91	
	E) Adjust Trigger Pull to Min Setting and Stake		8/31/91	JK

op. #	BARBER M24 0065378	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5	5			8-31-91	DH
	G) Safety Off Force	2 1/4	2	2			8-31-91	DH
	H) Trigger Pull Test & Retainability						8/31/91	SH
	I) Firing Pin Indent	.020	.022	.022			8-31-91	DH
	J) Assemble Stock						8/31/91	KH
	K) Assemble Swivel Studs						9-9-91	AC
	L) Attach Front and Rear Sight Assemblies						8/31/91	KH
	M) Iron Sight Alignment						8/31/91	KH
	N) Detach Front & Rear Sights & place in numbered container						8/31/91	KH
	O) Attach Scope to Rifle						8/31/91	KH
	P) Detach & Attach Scope 20 Times						8/31/91	KH
640	Gallery Target & Test						9/3/91	KH
	A) Time						"	14
	B) Malfunctions						"	KH
	C) Pierced Primers						"	14
	D) Optical Clarity of Scope						"	17
645	Inspect for Live Ammo						9/3/91	10
655	Final Inspection						9-9-91	A
	A) Headspace						9-6-91	SH
	B) Trigger Pull	2.20	2.24	2.20	2.26	2.27	9-6-91	AC
	C) Function						9-9-91	AC
660	Pack						9-17-91	DH

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

SERIAL NO. C-6649/50

DATE 8/31/91

TESTER JCU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.41	2.48	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.52	2.45	2.24	
PULL #3	2.42	2.54	2.40	2.20	
PULL #4	2.39	2.45	2.31	2.26	
PULL #5	2.46	2.45	2.48	2.22	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.49		
PULL #2	3.25	3.51		
PULL #3	3.59	3.51		
PULL #4	3.50	3.51		
PULL #5	3.51	3.54		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.37		4.41
PULL #2	4.40	4.38		4.44
PULL #3	4.40	4.49		4.30
PULL #4	4.41	4.48		4.30
PULL #5	4.48	4.45		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # C6649150

04 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.591684
1 TO	2	.517749
1 TO	3	.625815
1 TO	4	.67192
1 TO	5	.760012

5, (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0796

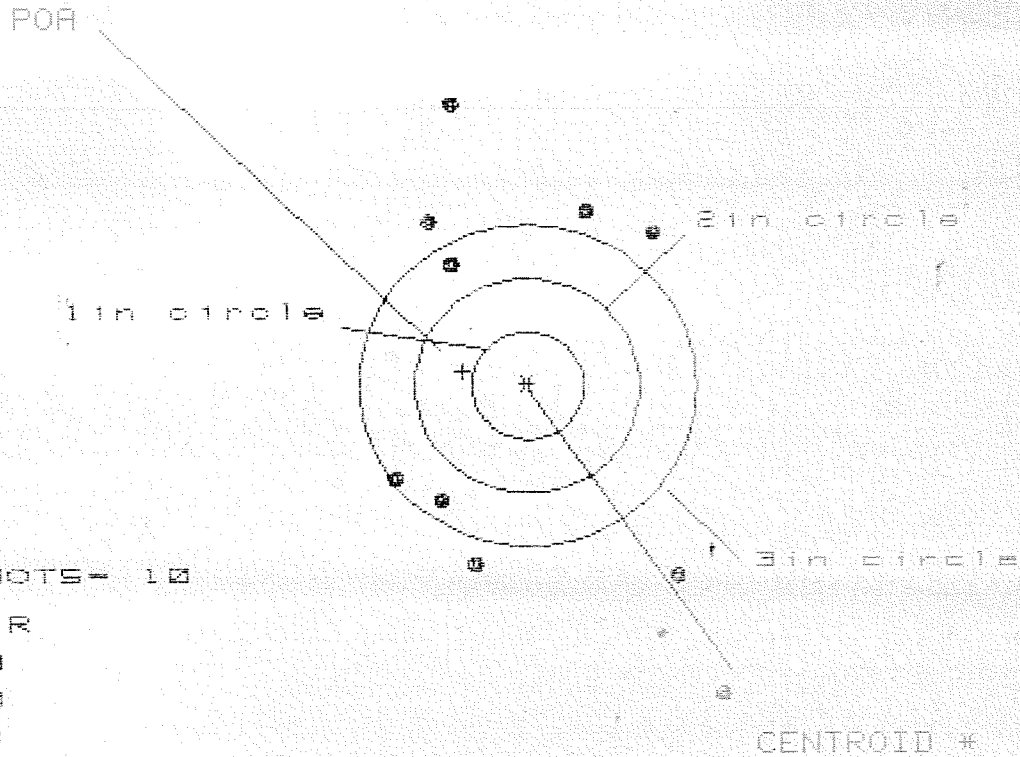
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.039

THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .0086406

THE AVERAGE RADIUS IS: 1.071

1 Sep 1981 FILE:/PATTERNING/CENTERFIRE_PATT/C6649150

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 0

3 in = 3

HS= 2.873

VS= 5.448

GS= 5.959

PATTERN #

1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.714	1.489	1.425
MINIMUM X	-1.159	-1.969	-1.033
MAXIMUM Y	2.604	2.288	1.561
MINIMUM Y	-2.844	-2.103	-1.817
CENTROID X	.577	.387	.451
CENTROID Y	-.131	.185	-.102
POA TO CENTROID in.	.592	.429	.462
MIN RADIUS	1.265	.896	1.179
MEAN RADIUS	1.921	1.709	1.633
MAX RADIUS	3.320	2.576	2.309
HORIZONTAL SPREAD	2.873	2.458	2.458
VERTICAL SPREAD	5.448	4.391	3.378
EXTREME SPREAD	5.959	4.825	3.940
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		0	
NUMBER IN THREE INCH CIRCLE =		3	

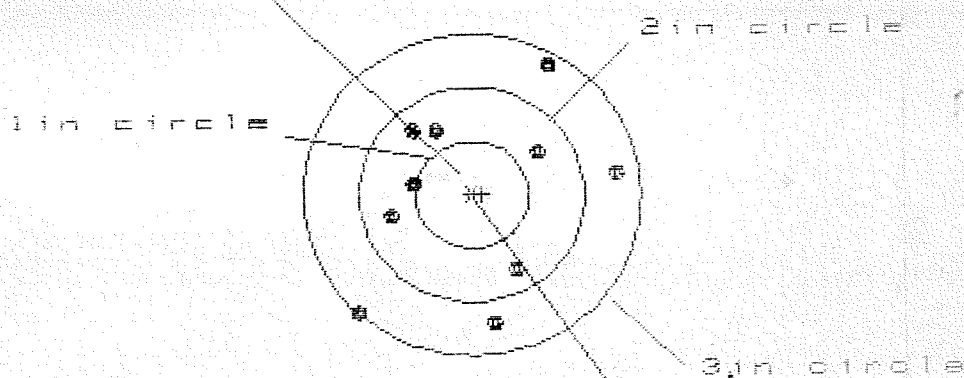
3 Sep 1991

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CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.327

VS= 2.412

GS= 2.947

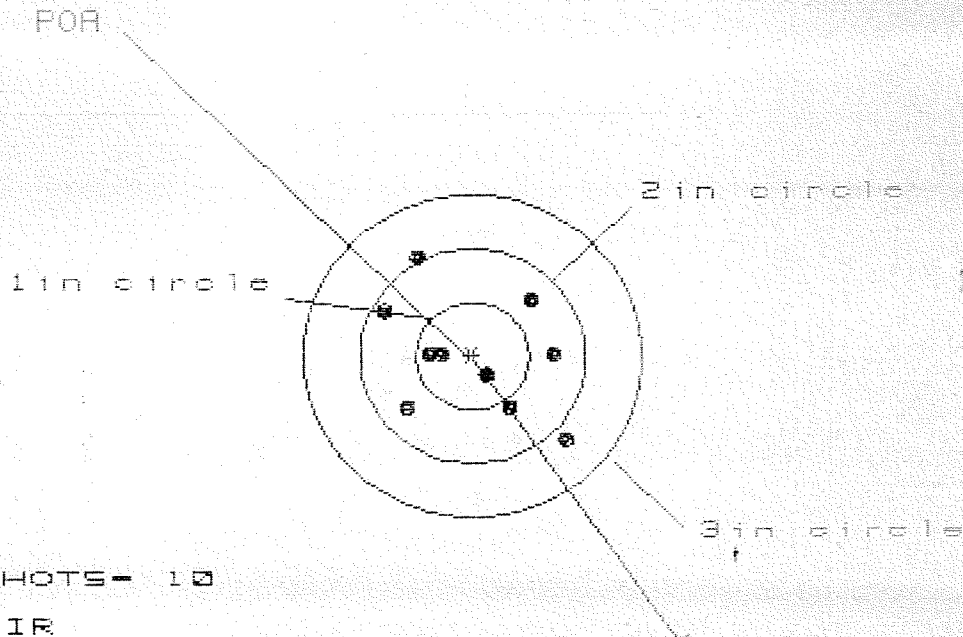
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.278	1.162	1.235
MINIMUM X	-1.048	-.816	-.743
MAXIMUM Y	1.245	1.120	.638
MINIMUM Y	-1.167	-1.292	-1.152
CENTROID X	-.083	.033	-.040
CENTROID Y	-.005	.120	-.020
POA TO CENTROID in.	.084	.124	.045
MIN RADIUS	.518	.492	.563
MEAN RADIUS	.963	.892	.838
MAX RADIUS	1.538	1.293	1.261
HORIZONTAL SPREAD	2.327	1.978	1.978
VERTICAL SPREAD	2.412	2.412	1.790
EXTREME SPREAD	2.947	2.471	2.033
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

3 Sep 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.541

VS= 1.666

GS= 2.081

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.770	.839	.790
MINIMUM X	-.771	-.686	-.735
MAXIMUM Y	.910	.825	.543
MINIMUM Y	-.756	-.606	-.502
CENTROID X	-.120	-.205	-.156
CENTROID Y	.172	.257	.153
POA TO CENTROID in.	.210	.328	.219
MIN RADIUS	.235	.226	.245
MEAN RADIUS	.672	.623	.572
MAX RADIUS	1.079	.914	.860
HORIZONTAL SPREAD	1.941	1.525	1.525
VERTICAL SPREAD	1.666	1.431	1.045
EXTREME SPREAD	2.081	1.569	1.569
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

3 Sep 1991

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 10

3in = 10

HS= 1.655

VS= 1.665

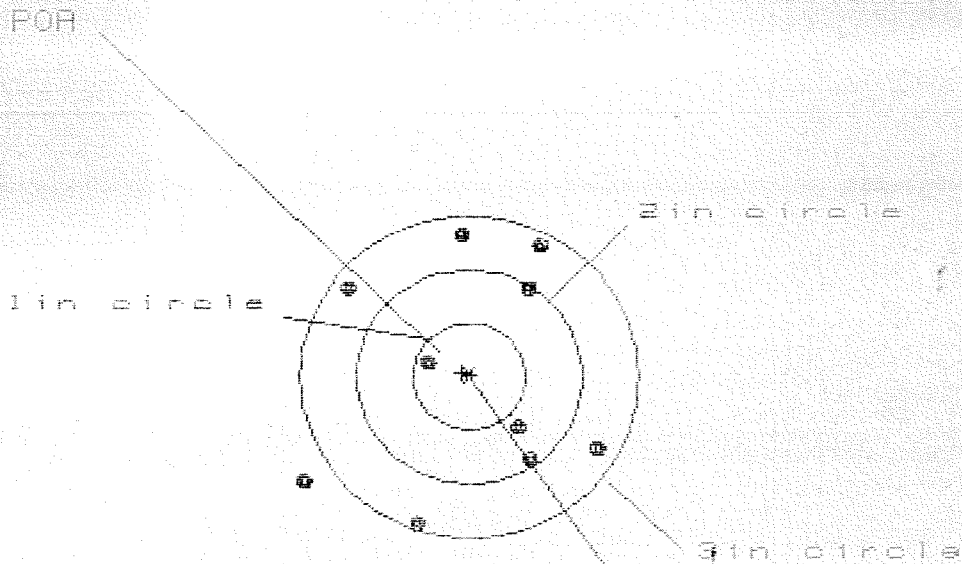
GS= 1.680

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.820	.817	.836
MINIMUM X	-.835	-.838	-.736
MAXIMUM Y	.713	.608	.629
MINIMUM Y	-.952	-.491	-.470
CENTROID X	-.045	-.042	-.144
CENTROID Y	-.200	-.095	-.116
POA TO CENTROID in.	.205	.104	.185
MIN RADIUS	.163	.203	.116
MEAN RADIUS	.628	.591	.543
MAX RADIUS	.952	.842	.851
HORIZONTAL SPREAD	1.655	1.655	1.572
VERTICAL SPREAD	1.665	1.099	1.099
EXTREME SPREAD	1.680	1.674	1.575
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		10	
NUMBER IN THREE INCH CIRCLE =		10	

3 Sep 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 2.511

VS = 2.774

GS = 3.045

CENTROID *

PATTERN #	2	1	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.164	1.003	.928
MINIMUM X	-1.447	-1.247	-1.322
MAXIMUM Y	1.368	1.259	1.070
MINIMUM Y	-1.406	-1.515	-1.101
CENTROID X	.069	.230	.305
CENTROID Y	-.031	.078	.267
POA TO CENTROID in.	.076	.243	.405
MIN RADIUS	.367	.491	.575
MEAN RADIUS	1.171	1.092	1.010
MAX RADIUS	1.746	1.628	1.427
HORIZONTAL SPREAD	2.611	2.250	2.250
VERTICAL SPREAD	2.774	2.774	2.171
EXTREME SPREAD	3.045	2.864	2.728
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		