

C6649293

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington



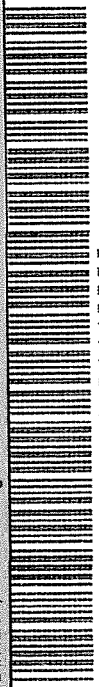

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

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

MODEL 700™ H24

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

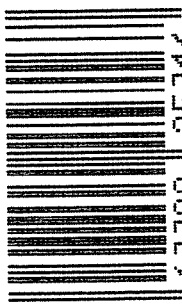


5716 C6649293

SERIAL NO.
C6649293

ORDER NO.
5716

UPC



0 47700 25216 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649293

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27 9 1		RW
600	Proof	6 27 9 1		RW
607	Check Headspace	6 27 9 1		RW
610	Dis-assemble Gun	6 27 9 1		RW
612	Magnaflux Barrel Action		JUL 2 1991	KR
	Magnaflux Bolt		JUL 2 1991	KR
615	Rollmark Caliber		JUL 2 1991	JS
617	Drill and Tap Sight Holes		JUL 2 1991	LB
618	Polish Barrel		JUL 17 1991	WB
620	Apply Coatings (Barrel Action)		7-22-91	JA
	Apply Coating (Bolt)			JA
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	RW
	C) Inspect Ejector Hole for Chamfer		7/23/91	RW
	D) Oil Firing Pin Ass'y		7/23/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-5-91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5½	6	5½			8-6-91	D/H
	G) Safety Off Force	3½	3	3½			8-6-91	D/H
	H) Trigger Pull Test & Retainability						8-5-91	D/H
	I) Firing Pin Indent	.020	.020	.020			8-6-91	D/H
	J) Assemble Stock						8/7/91	RW
	K) Assemble Swivel Studs						8-8-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/7/91	RW
	M) Iron Sight Alignment						8/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/7/91	RW
	O) Attach Scope to Rifle						8/7/91	RW
	P) Detach & Attach Scope 20 Times						8/7/91	RW
640	Gallery Target & Test						8-7-91	AC
	A) Time						8-7-91	AC
	B) Malfunctions						8-7-91	AC
	C) Pierced Primers						8-7-91	AC
	D) Optical Clarity of Scope						8-7-91	AC
645	Inspect for Live Ammo						8-7-91	AC
655	Final Inspection							
	A) Headspace						8-8-91	D/H
	B) Trigger Pull	2.50	2.17	2.36	2.44	2.40	8-7-91	SH
	C) Function						8-8-91	D/H
660	Pack						9-17-91	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. CC649293

DATE 8-5-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.42	2.61	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.66	2.41	2.49	2.17	
PULL #3	2.67	2.32	2.60	2.36	
PULL #4	2.70	2.41	2.56	2.44	
PULL #5	2.62	2.37	2.59	2.40	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.28		
PULL #2	3.14	3.29		
PULL #3	3.34	3.35		
PULL #4	3.37	3.36		
PULL #5	3.31	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	4.39	4.22		4.03
PULL #2	4.38	4.27		4.15
PULL #3	4.37	4.26		4.07
PULL #4	4.41	4.32		4.15
PULL #5	4.40	4.23		4.18
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649293
7 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.270675
1 TO	2	.409093
1 TO	3	.59925
1 TO	4	.228633
1 TO	5	.689162

$\frac{1}{5}$ $\leftarrow$ ----POR

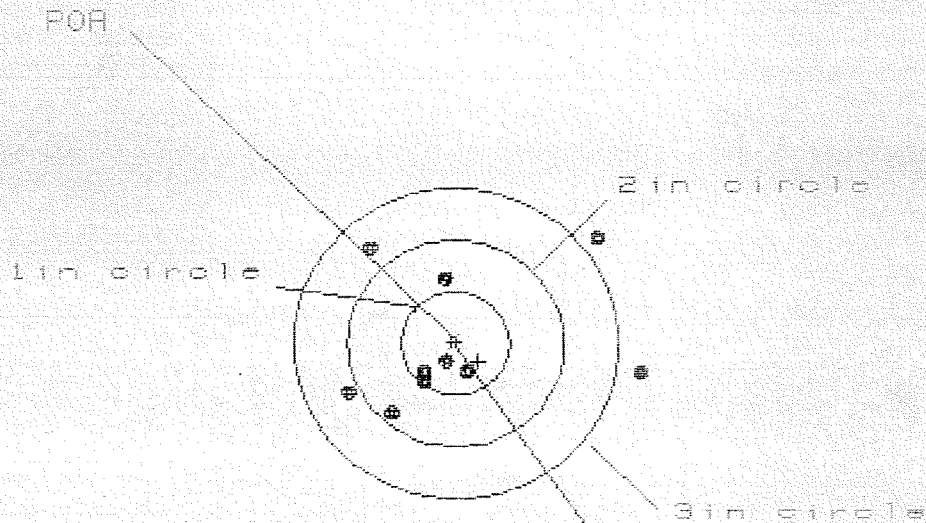
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.133
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0502
THE RESULTING AVERAGE POR RADIUS FOR THIS RIFLE IS: .1142159

THE AMR FOR THIS RIFLE IS: .8888

7 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8849293

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 4

2in = 6

3in = 8

HS = 2.623

VS = 1.776

GS = 2.769

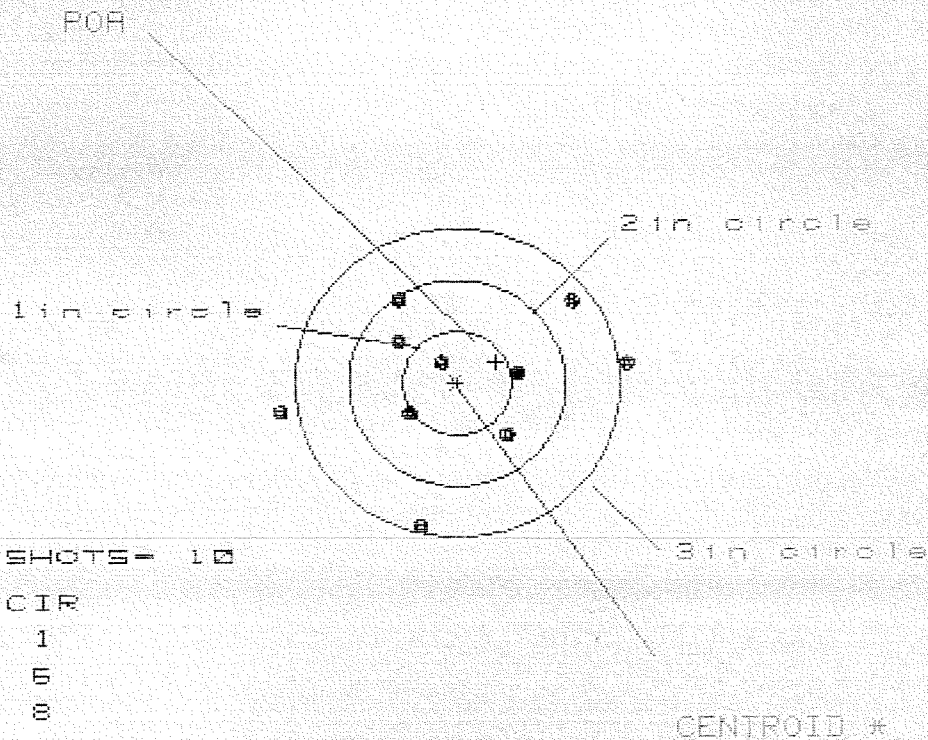
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.682	1.532	.446
MINIMUM X	:	-.941	-.754	-.562
MAXIMUM Y	:	1.060	1.024	.987
MINIMUM Y	:	-.716	-.752	-.624
CENTROID X	:	-.209	-.396	-.588
CENTROID Y	:	.172	.208	.088
POA TO CENTROID in.	:	.271	.448	.593
MIN RADIUS	:	.207	.279	.190
MEAN RADIUS	:	.862	.741	.558
MAX RADIUS	:	1.713	1.843	1.075
HORIZONTAL SPREAD	:	2.623	2.286	1.008
VERTICAL SPREAD	:	1.776	1.776	1.611
EXTREME SPREAD	:	2.769	2.729	1.625
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

7 Aug 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.268

VS= 2.200

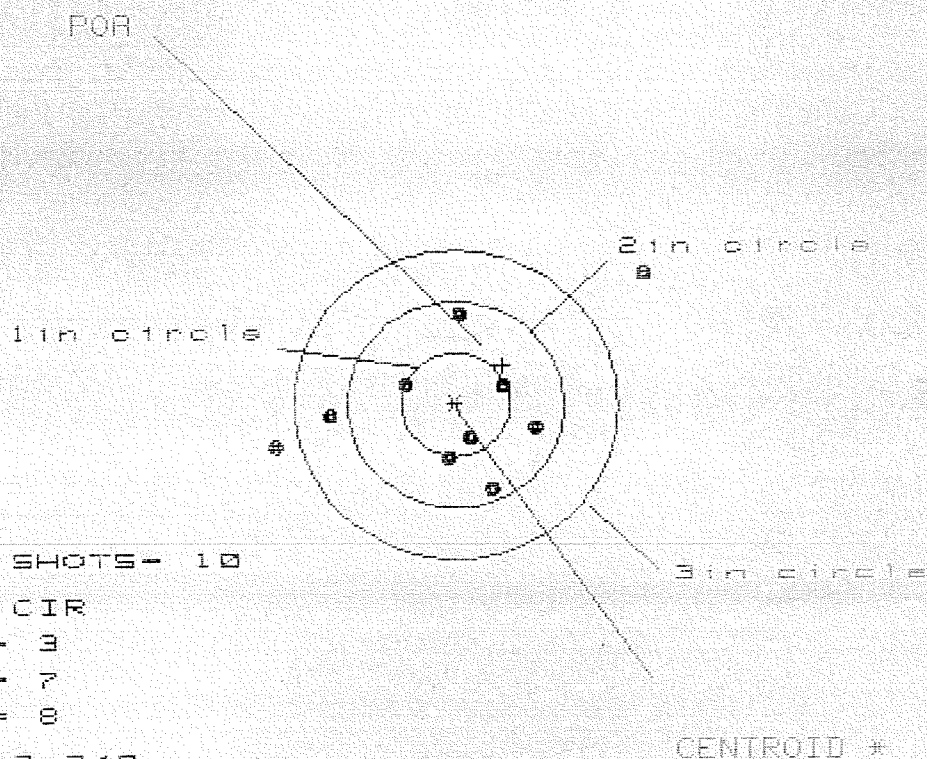
GS= 3.302

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.585	1.398	1.061
MINIMUM X	:	-1.683	-.752	-.577
MAXIMUM Y	:	.832	.799	.816
MINIMUM Y	:	-1.368	-1.401	-1.384
CENTROID X	:	-.363	-.176	-.351
CENTROID Y	:	-.207	-.174	-.191
POA TO CENTROID in.	:	.418	.247	.399
MIN RADIUS	:	.270	.334	.263
MEAN RADIUS	:	.969	.885	.798
MAX RADIUS	:	1.710	1.484	1.419
HORIZONTAL SPREAD	:	3.268	2.150	1.638
VERTICAL SPREAD	:	2.200	2.200	2.200
EXTREME SPREAD	:	3.302	2.594	2.594
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 3.349

VS= 2.079

GS= 3.773

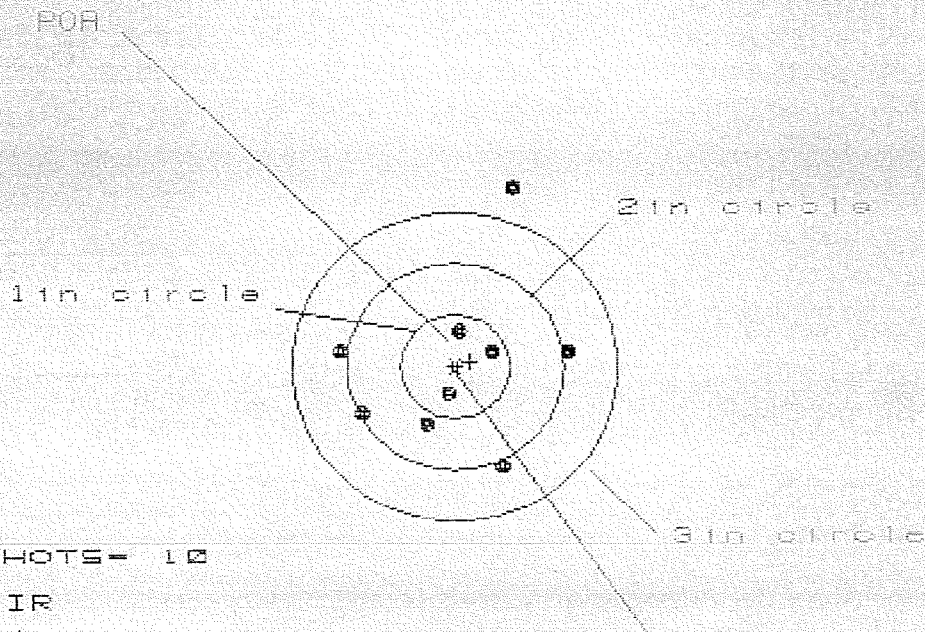
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.716	.894	.714
MINIMUM X	:	-1.633	-1.442	-1.152
MAXIMUM Y	:	1.296	1.053	1.015
MINIMUM Y	:	-.783	-.639	-.677
CENTROID X	:	-.435	-.626	-.446
CENTROID Y	:	-.383	-.527	-.489
POB TO CENTROID in.	:	.579	.818	.662
MIN RADIUS	:	.356	.347	.258
MEAN RADIUS	:	.937	.791	.674
MAX RADIUS	:	2.150	1.472	1.153
HORIZONTAL SPREAD	:	3.349	2.336	1.866
VERTICAL SPREAD	:	2.079	1.692	1.692
EXTREME SPREAD	:	3.773	2.345	1.968
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			8	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.103

VS= 2.718

GS= 2.722

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.009	1.073	.945
MINIMUM X	:	-1.094	-1.020	-.913
MAXIMUM Y	:	1.718	.514	.554
MINIMUM Y	:	-1.000	-.809	-.769
CENTROID X	:	-.137	-.201	-.073
CENTROID Y	:	-.045	-.236	-.276
POA TO CENTROID in.	:	.144	.310	.286
MIN RADIUS	:	.222	.026	.121
MEAN RADIUS	:	.782	.621	.577
MAX RADIUS	:	1.814	1.124	1.017
HORIZONTAL SPREAD	:	2.103	2.103	1.858
VERTICAL SPREAD	:	2.718	1.323	1.323
EXTREME SPREAD	:	2.722	2.103	1.938
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS

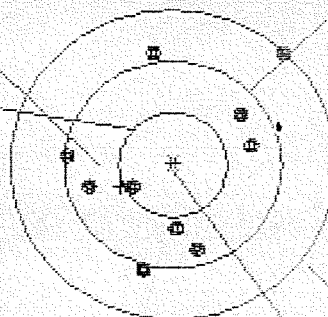
5

POA

1in circle

2in circle

3in circle



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.002

VS= 2.108

GS= 2.464

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.000	.853	.843
MINIMUM X	-1.002	-.890	-.901
MAXIMUM Y	1.091	1.174	.779
MINIMUM Y	-1.017	-.896	-.749
CENTROID X	.479	.367	.378
CENTROID Y	.212	.091	-.056
POA TO CENTROID in.	.523	.378	.382
MIN RADIUS	.423	.281	.303
MEAN RADIUS	.894	.797	.724
MAX RADIUS	1.480	1.177	1.069
HORIZONTAL SPREAD	2.002	1.743	1.743
VERTICAL SPREAD	2.108	2.070	1.528
EXTREME SPREAD	2.464	2.072	1.776
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		