

C6648981

MODEL 700™ M24

Model **SMS**™

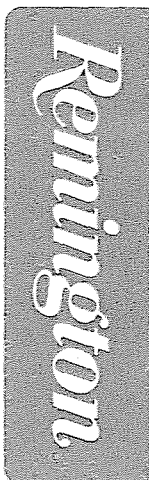
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington[®]


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

MODEL 700TM H24

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

SERIAL NO.
C6648981

ORDER NO.
5716

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



5716 C6648981

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6648981

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	Kel
600	Proof		7/24/91	Kel
607	Check Headspace		7/24/91	Kel
610	Dis-assemble Gun		7/24/91	Kel
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	JS
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	Kel
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	Kel
	C) Inspect Ejector Hole for Chamfer		8/29/91	Kel
	D) Oil Firing Pin Ass'y		8/29/91	Kel
	E) Adjust Trigger Pull to Min Setting and Stake		9/3/91	JS

op. #	BARBER NAME M24 0030259	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	5	3	4	8-31-91	DH
	G) Safety Off Force	23 4	23 4	23	2	2	8-31-91	DH
	H) Trigger Pull Test & Retainability						8/31/91	JH
	I) Firing Pin Indent	.024	.023	.023			8-31-91	DH
	J) Assemble Stock						8/31/91	KH
	K) Assemble Swivel Studs						9/12/91	JH
	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							KH
	B) Malfunctions							KH
	C) Pierced Primers							KH
	D) Optical Clarity of Scope							KH
645	Inspect for Live Ammo						9/3/91	KH
655	Final Inspection							
	A) Headspace						9/12/91	JH
	B) Trigger Pull	2.44	2.41	2.41	2.40	2.40	9/6/91	JH
	C) Function						9/14/91	JH
660	Pack						9-18-91	AF

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

SERIAL NO. C6648981DATE 8/31/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.47	2.38	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.37	2.40	2.41	
PULL #3	2.49	2.40	2.44	2.41	
PULL #4	2.33	2.36	2.35	2.40	
PULL #5	2.20	2.34	2.32	2.40	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.43		
PULL #2	3.62	3.32		
PULL #3	3.66	3.35		
PULL #4	3.19	3.39		
PULL #5	3.61	3.45		
TOTAL				
AVG.				

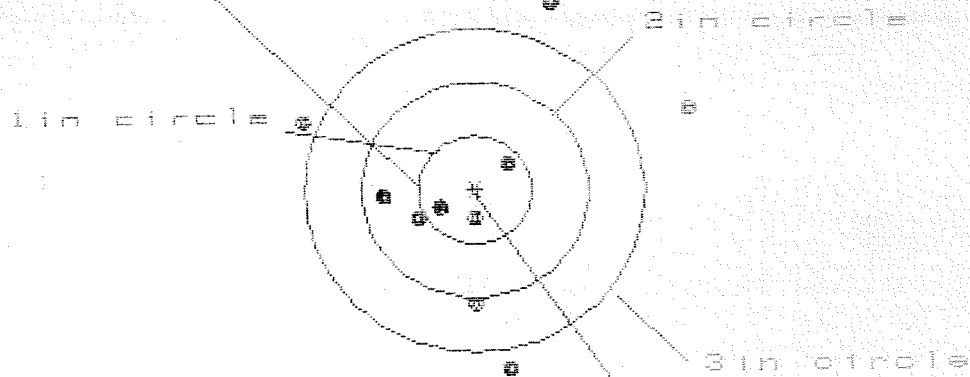
	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.49		4.47
PULL #2	4.50	4.50		4.43
PULL #3	4.51	4.48		4.54
PULL #4	4.27	4.31		4.56
PULL #5	4.32	4.49		4.48
TOTAL				
AVG.				

3 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C864B381

CENTERFIRE PATTERNS # 1

POR



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 6

HS= 3.408

VS= 3.427

GS= 3.451

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.918	.896	.605
MINIMUM X	-1.490	-1.277	-1.165
MAXIMUM Y	1.740	1.825	.974
MINIMUM Y	-1.687	-1.602	-1.374
CENTROID X	.308	.095	-.017
CENTROID Y	.156	.071	-.157
POR TO CENTROID in.	.346	.119	.158
MIN RADIUS	.296	.107	.163
MEAN RADIUS	1.070	.899	.737
AR. RADIUS	2.065	2.033	1.519
HORIZONTAL SPREAD	3.408	2.173	1.770
VERTICAL SPREAD	3.427	3.427	2.348
EXTREME SPREAD	3.451	3.451	2.940
NUMBER IN ONE INCH CIRCLE	3		
NUMBER IN TWO INCH CIRCLE	5		
NUMBER IN THREE INCH CIRCLE	6		

3 Sep 1991

FILE: PATTERNING/CENTERFIRE_PATT/C664B981

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 8

HS = 2.610

VS = 3.015

GS = 3.614

CENTROID *

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.960	.878	.685
MINIMUM X	-1.650	-1.543	-1.620
MAXIMUM Y	2.058	.909	.882
MINIMUM Y	-.957	-.729	-.756
CENTROID X	-.035	-.142	.051
CENTROID Y	.093	-.135	-.108
POA TO CENTROID in.	.100	.196	.120
MIN RADIUS	.413	.478	.283
MEAN RADIUS	.934	.776	.627
MAX RADIUS	2.271	1.558	.960
HORIZONTAL SPREAD	2.610	2.421	1.305
VERTICAL SPREAD	3.015	1.638	1.638
EXTREME SPREAD	3.614	2.422	1.658
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	8	

3 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C664B9B1

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 7

HS= 3.390

VS= 2.420

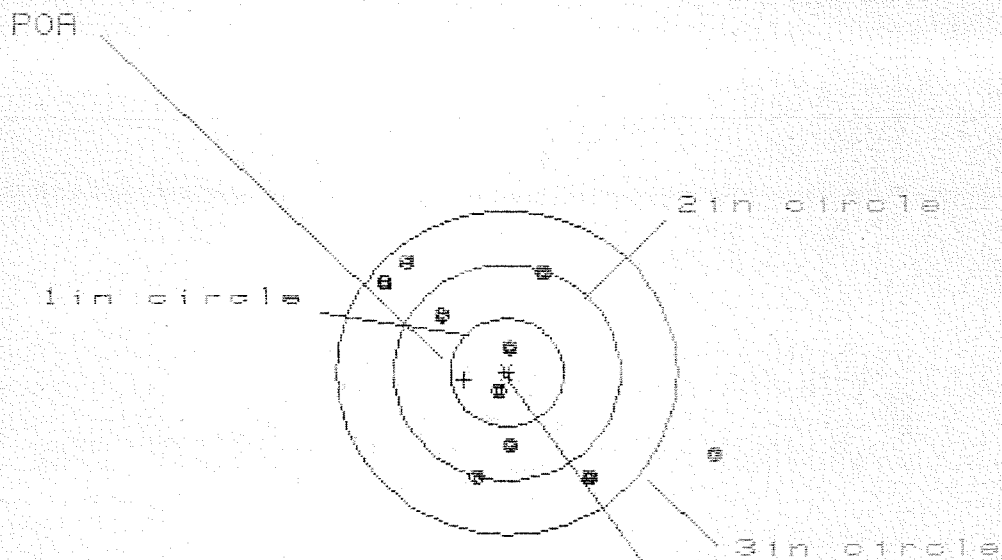
GS= 3.467

CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.713	1.443	1.257
MINIMUM X	-1.677	-1.487	-.913
MAXIMUM Y	.848	.921	.921
MINIMUM Y	-1.572	-1.499	-1.499
CENTROID X	-.111	-.301	-.115
CENTROID Y	-.130	-.203	-.203
POA TO CENTROID in.	.171	.363	.234
MIN RADIUS	.507	.317	.502
MEAN RADIUS	1.148	1.027	.995
MAX RADIUS	1.835	1.508	1.539
HORIZONTAL SPREAD	3.390	2.930	2.170
VERTICAL SPREAD	2.420	2.420	2.420
EXTREME SPREAD	3.467	2.956	2.740
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	7	

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CENTERFIRE PATTERNS



OF SHOTS = 10

IN CIE

$$f(n) = n$$
$$2n = 3$$
$$31n = 9$$

CENTRO *

15- 2.039

VS= 2.040

CS- 3.280

PATTERN # _____

4

SHOTS (BEST OF)

Goodbye

5

20

MAXIMUM	X	:	1.787	.919	.834
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MINIMUM	X	:	-1.052	-	.853	-	.938
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MAXIMUM	Y	1.063	.977	.937
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MINIMUM	Y	z	- .977	-1.063	-.949
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CENTROID	X	.376	.177	.262
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CENTROID	Y	.868	.154	.831
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POA TO CENTROID in.	.382	.234	.264
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MIN. RADIUS	.143	.223	.092
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MEAN RADIUS	1	2	3
	.955	.834	.769

	1	2	3
MAX. RADIUS	1.947	1.405	1.286

HORIZONTAL SPREAD	2.839	1.772	1.772
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VERTICAL	SPREAD	2.040	2.040	1.877
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EXTREME	SPREAD	3.266	2.594	2.549
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NUMBER IN ONE INCH CIRCLE = 2

NUMBER IN TWO INCH CIRCLE = 6

MUMBERT IN THREE INCH CIRCLE = 100

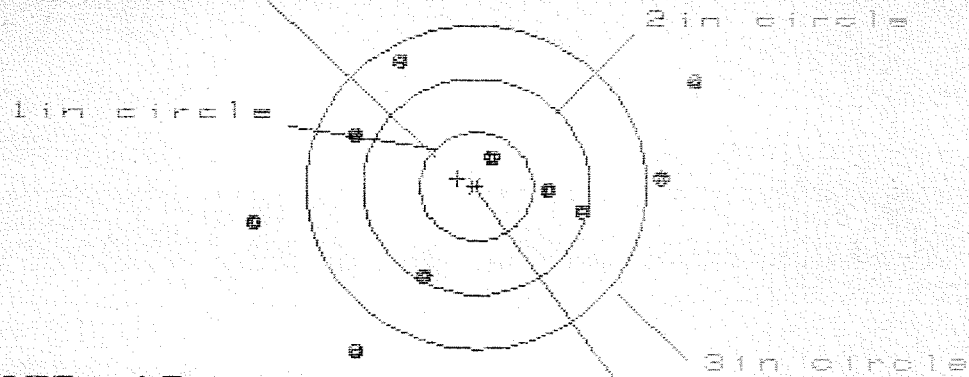
3 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08648381

CENTERFIRE PATTERNS

5

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS= 3.895

VS= 2.689

GS= 4.093

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.909	1.894	1.672
MINIMUM X	-1.986	-1.774	-1.081
MAXIMUM Y	1.133	1.240	1.217
MINIMUM Y	-1.556	-1.449	-1.472
CENTROID X	.165	-.047	.175
CENTROID Y	-.071	-.178	-.155
POA TO CENTROID in.	.180	.185	.234
MIN RADIUS	.337	.543	.411
MEAN RADIUS	1.306	1.224	1.119
MAX RADIUS	2.138	1.900	1.826
HORIZONTAL SPREAD	3.895	3.668	2.753
VERTICAL SPREAD	2.689	2.689	2.689
EXTREME SPREAD	4.093	3.684	3.185
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		