

C6349179

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6349179

ORDER NO.
5716

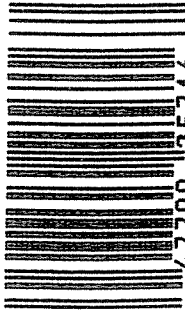
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.



5716 C6349179

LIPC



0 47700 25716 7

GUN SERIAL #

06349179

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12-20 89	Rw
600	Proof		12-20 89	A
607	Check Headspace		12-20 89	A
610	Dis-assemble Gun		12-20 89	Rw
612	Magnaflux Barrel Action		1-5-90	HER
	Magnaflux Bolt		1-5-90	
615	Rollmark Caliber		1/3/90	JS
17	Drill and Tap Sight Holes		1/8/90	FB
618	Polish Barrel RB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/6/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/16/90	Rw
	C) Inspect Ejector Hole for Chamfer		1/16/90	Rw
	D) Oil Firing Pin Ass'y		1/16/90	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		1/16/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			1/16/90	JS
	G) Safety Off Force	3	3	3			1/16/90	JS
	H) Trigger Pull Test & Retainability						1/16/90	JS
	I) Firing Pin Indent	.020	.0205	.0215			1/16/90	JS
	J) Assemble Stock						3/9/90	RW
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						3/9/90	RW
	M) Iron Sight Alignment						3/9/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/9/90	RW
	O) Attach Scope to Rifle						3/9/90	WB
	P) Detach & Attach Scope 20 Times						3/9/90	WB
640	Gallery Target & Test						3-9-90	JS
	A) Time						"	JS
	B) Malfunctions						"	JS
	C) Pierced Primers						"	JS
	D) Optical Clarity of Scope						"	JS
645	Inspect for Live Ammo						3-9-90	JS
655	Final Inspection						3/13/90	WB
	A) Headspace							
	B) Trigger Pull	2.54	2.39	2.54	2.44	2.52	3/13/90	JS
	C) Function						3/13/90	WB
660	Pack						19 Mar 90	JS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349179
DATE 16 Jan 90
TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.25	2.32	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.15	2.31	2.39	
PULL #3	2.21	2.14	2.29	2.54	
PULL #4	2.16	2.14	2.23	2.44	
PULL #5	2.22	2.16	2.28	2.52	
TOTAL	10.99	10.84	11.22		
AVG.	2.198	2.168	2.244		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.34		
PULL #2	3.31	3.39		
PULL #3	3.21	3.40		
PULL #4	3.30	3.35		
PULL #5	3.32	3.41		
TOTAL	16.35	16.89		
AVG.	3.27	3.378		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.95	4.05		3.97
PULL #2	3.89	3.99		3.73
PULL #3	3.94	3.92		3.86
PULL #4	3.98	4.01		4.05
PULL #5	3.90	3.96		3.89
TOTAL	19.66	19.93		19.50
AVG.	3.932	3.986		3.90

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349179
9 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.334619
1 TO	2	.107355
1 TO	3	.400005
1 TO	4	.377811
1 TO	5	.0478017

100 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1326
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1084
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .17127

THE AMR FOR THIS RIFLE IS: .983

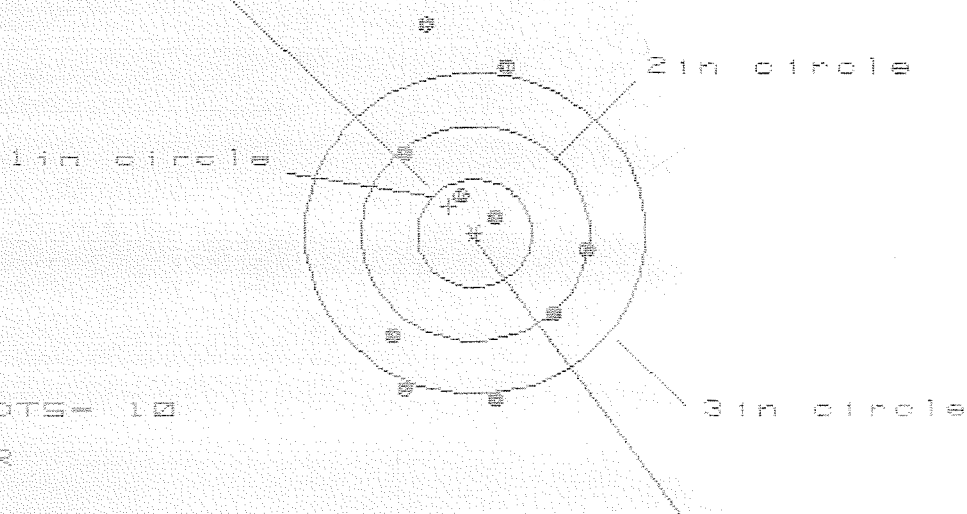
9 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08349173

CENTERFIRE PATTERNS

1

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 1.693

VS= 3.501

GS= 3.556

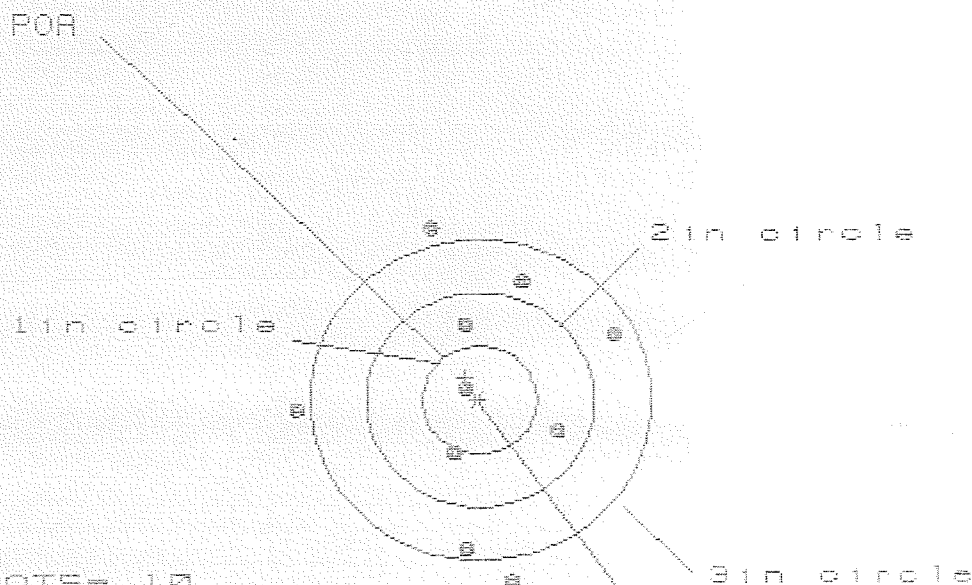
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.016	.968	.884
MINIMUM X	:	-.677	-.725	-.809
MAXIMUM Y	:	1.947	1.777	1.618
MINIMUM Y	:	-1.554	-1.338	-1.497
CENTROID X	:	.219	.267	.351
CENTROID Y	:	-.253	-.469	-.310
POA TO CENTROID in.	:	.334	.540	.468
MIN RADIUS	:	.278	.436	.258
MEAN RADIUS	:	1.160	1.071	.993
MAX RADIUS	:	1.995	1.798	1.629
HORIZONTAL SPREAD	:	1.693	1.693	1.693
VERTICAL SPREAD	:	3.501	3.115	3.115
EXTREME SPREAD	:	3.556	3.196	3.118
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	6		

9 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08348173

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.730

VS= 3.324

GS= 3.394

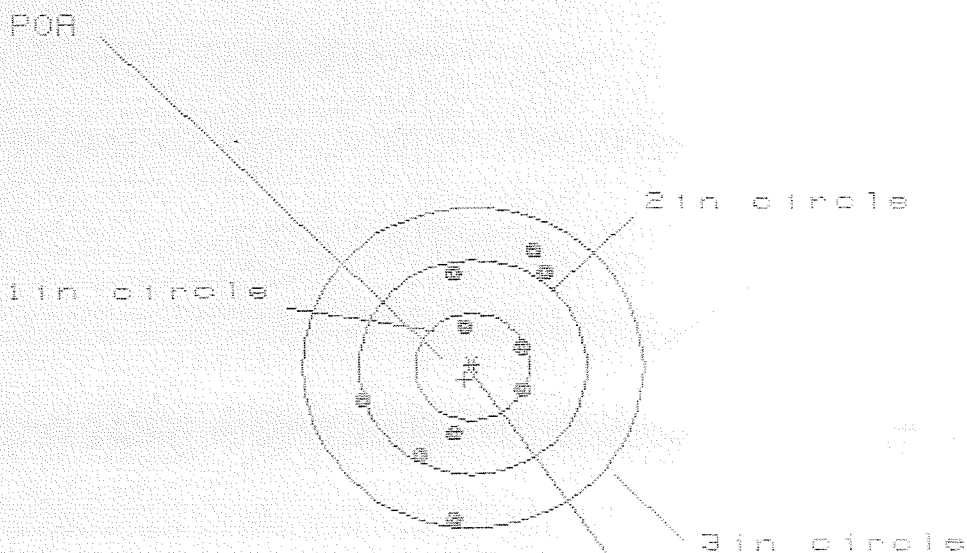
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.157	1.188	1.141
MINIMUM X	:	-1.573	-1.542	-1.589
MAXIMUM Y	:	1.599	1.407	1.057
MINIMUM Y	:	-1.725	-1.615	-1.439
CENTROID X	:	.122	.090	.137
CENTROID Y	:	-.207	-.015	-.191
POA TO CENTROID in.	:	.240	.091	.235
MIN RADIUS	:	.135	.149	.142
MEAN RADIUS	:	1.096	1.012	.945
MAX RADIUS	:	1.748	1.619	1.593
HORIZONTAL SPREAD	:	2.730	2.730	2.730
VERTICAL SPREAD	:	3.324	3.022	2.496
EXTREME SPREAD	:	3.394	3.033	2.807
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

9 Mar 1980

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.539

VS= 2.472

GS= 2.558

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.596	.581	.644
MINIMUM X	:	-.943	-.958	-.895
MAXIMUM Y	:	1.081	.926	.855
MINIMUM Y	:	-1.391	-1.020	-.984
CENTROID X	:	.067	.082	.019
CENTROID Y	:	.117	.272	.156
POA TO CENTROID in.	:	.135	.284	.157
MIN RADIUS	:	.363	.211	.325
MEAN RADIUS	:	.842	.760	.729
MAX RADIUS	:	1.398	1.120	1.070
HORIZONTAL SPREAD	:	1.539	1.539	1.539
VERTICAL SPREAD	:	2.472	1.946	1.759
EXTREME SPREAD	:	2.558	2.173	2.045
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

9 Mar 1990

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.750

VS= 2.366

GS= 3.067

CENTROID *

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.430	1.079	.933
MINIMUM X	-1.320	-1.161	-.516
MAXIMUM Y	1.061	.996	1.085
MINIMUM Y	-1.305	-1.370	-1.281
CENTROID X	.065	-.094	.052
CENTROID Y	.092	.157	.060
POA TO CENTROID in.	.113	.183	.086
MIN RADIUS	.214	.253	.241
MEAN RADIUS	.945	.866	.800
MAX RADIUS	1.544	1.409	1.366
HORIZONTAL SPREAD	2.750	2.240	1.449
VERTICAL SPREAD	2.366	2.366	2.366
EXTREME SPREAD	3.067	2.417	2.387
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

9 Mar 1998

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CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.238

VS= 1.886

GS= 2.389

CENTROID *

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.075	1.186	1.054
MINIMUM X	-1.163	-1.052	-.943
MAXIMUM Y	.849	.739	.729
MINIMUM Y	-1.037	-1.147	-1.157
CENTROID X	.190	.079	.211
CENTROID Y	-.291	-.181	-.171
POA TO CENTROID in.	.348	.197	.272
MIN RADIUS	.330	.216	.221
MEAN RADIUS	.872	.792	.737
MAX RADIUS	1.406	1.218	1.166
HORIZONTAL SPREAD	2.238	2.238	1.997
VERTICAL SPREAD	1.886	1.886	1.886
EXTREME SPREAD	2.389	2.266	2.071
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		