

C6649222

MODEL 700™ M24

Model S&S™

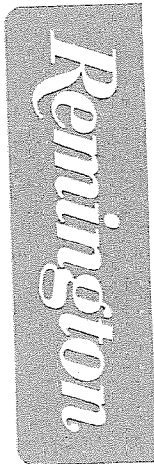
Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.



Remington®

MODEL 700™ H24

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

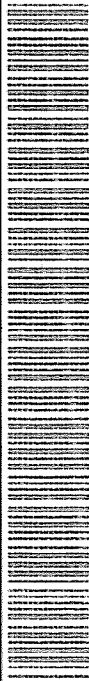
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C6649222

ORDER NO.
5716

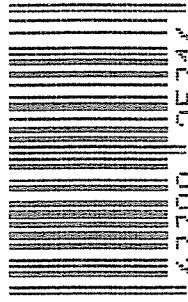
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6649222

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649222

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25	9 1	RW
600	Proof	6 25	9 1	RW
607	Check Headspace	6 25	9 1	RW
610	Dis-assemble Gun	6 25	9 1	RW
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	JS.
617	Drill and Tap Sight Holes	JUL	1 1991	LB
618	Polish Barrel	JUL	2 1991	W/B
620	Apply Coatings (Barrel Action)		8/27/91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/27/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/27/91	RW
	C) Inspect Ejector Hole for Chamfer		8/27/91	RW
	D) Oil Firing Pin Ass'y		8/27/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/28/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5 $\frac{1}{4}$	5 $\frac{3}{4}$			8-28-91	DH
	G) Safety Off Force	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{1}{4}$			8-28-91	DH
	H) Trigger Pull Test & Retainability						8/28/91	DH
	I) Firing Pin Indent	.021	.020	.020			8-28-91	DH
	J) Assemble Stock						8/29/91	RW
	K) Assemble Swivel Studs						8-31-91	DH
	L) Attach Front and Rear Sight Assemblies						8/29/91	RW
	M) Iron Sight Alignment						8/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/29/91	RW
	O) Attach Scope to Rifle						8/29/91	RW
	P) Detach & Attach Scope 20 Times						8/29/91	RW
640	Gallery Target & Test						8-29-91	DH
	A) Time						8-29-91	DH
	B) Malfunctions						8-29-91	DH
	C) Pierced Primers						8-29-91	DH
	D) Optical Clarity of Scope						8-29-91	DH
645	Inspect for Live Ammo						8-29-91	DH
655	Final Inspection							
	A) Headspace						8-31-91	DH
	B) Trigger Pull	2.54	2.54	2.32	2.30	2.35	8-29-91	DH
	C) Function						8-31-91	DH
660	Pack						9-18-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6649222
DATE 8-28-91
TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.36	2.48	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.30	2.36	2.54	
PULL #3	2.36	2.36	2.30	2.32	
PULL #4	2.39	2.38	2.42	2.30	
PULL #5	2.39	2.40	2.43	2.35	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.30		
PULL #2	3.42	3.32		
PULL #3	3.31	3.32		
PULL #4	3.23	3.33		
PULL #5	3.30	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.52		4.57
PULL #2	4.53	4.50		4.56
PULL #3	4.48	4.52		4.58
PULL #4	4.52	4.46		4.41
PULL #5	4.44	4.57		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649222
29 Aug 1991

CENTROIDAL DISTANCES

0 TO 1	.0608358
1 TO 2	.0807775
1 TO 3	.237952
1 TO 4	.192354
1 TO 5	.0930054

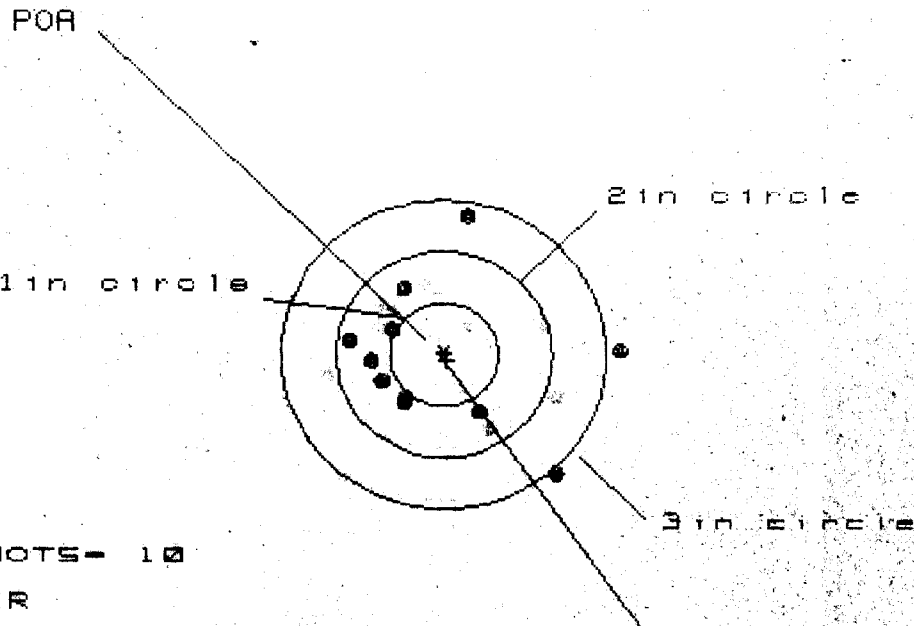
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0394
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1232
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .129347
THE AMR FOR THIS RIFLE IS: .8746

29 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649222

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 8

HS= 2.475

VS= 2.519

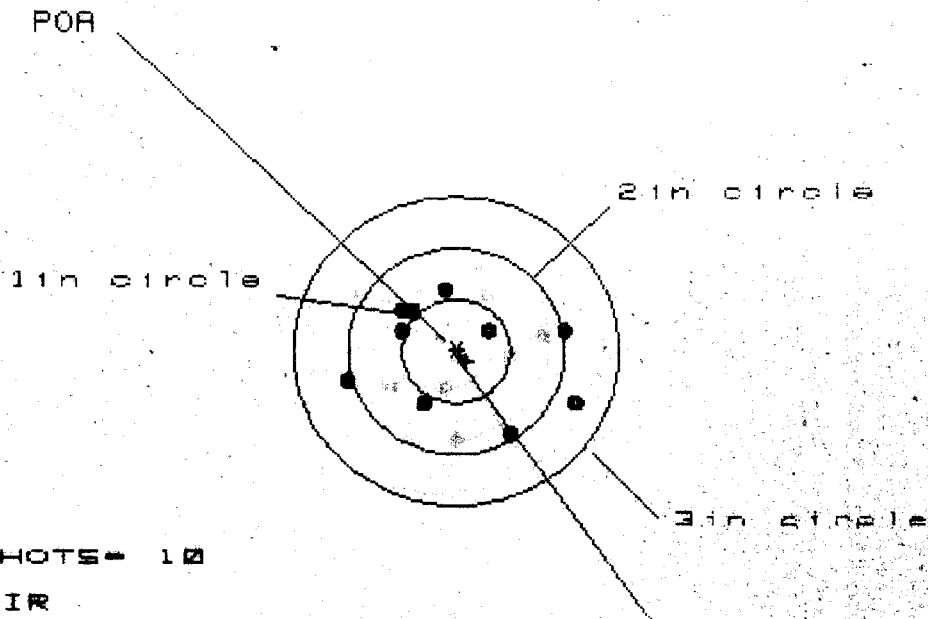
GS= 2.640

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.647	1.239	.661
MINIMUM X	-.828	-.645	-.490
MAXIMUM Y	1.348	1.357	1.212
MINIMUM Y	-1.171	-1.162	-.673
CENTROID X	-.026	-.209	-.363
CENTROID Y	.055	.046	.192
POA TO CENTROID in.	.061	.214	.411
MIN RADIUS	.512	.378	.168
MEAN RADIUS	.919	.775	.604
MAX RADIUS	1.649	1.699	1.353
HORIZONTAL SPREAD	2.475	1.884	1.152
VERTICAL SPREAD	2.519	2.519	1.885
EXTREME SPREAD	2.640	2.640	1.934
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 10

HS = 2.092

VS = 1.388

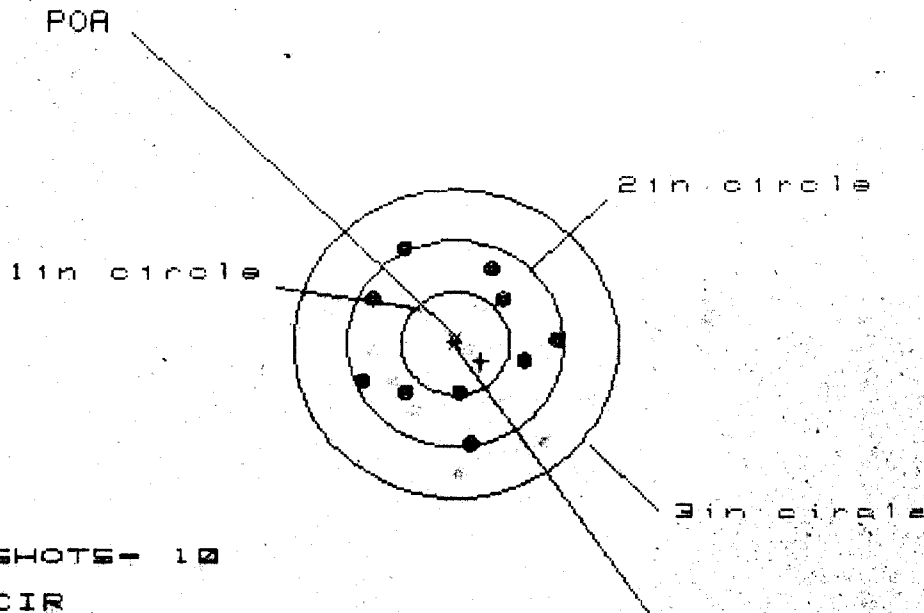
GS = 2.105

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.094	1.144	.722
MINIMUM X	-.998	-.876	-.733
MAXIMUM Y	.579	.519	.543
MINIMUM Y	-.809	-.869	-.845
CENTROID X	-.095	-.217	-.360
CENTROID Y	.097	.157	.133
POA TO CENTROID in.	.136	.268	.384
MIN RADIUS	.319	.382	.263
MEAN RADIUS	.750	.670	.586
MAX RADIUS	1.210	1.159	1.112
HORIZONTAL SPREAD	2.092	2.020	1.455
VERTICAL SPREAD	1.388	1.388	1.388
EXTREME SPREAD	2.105	2.094	1.591
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 0

2in = 0

3in = 10

HS = 1.0000

VS = 1.973

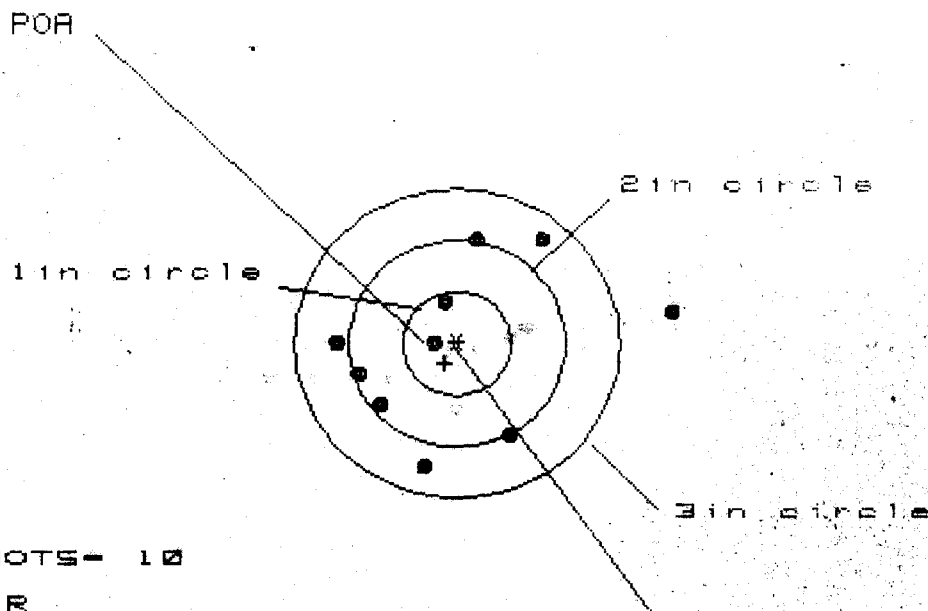
GS = 2.056

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.980	.929	.938
MINIMUM X	-.900	-.951	-.942
MAXIMUM Y	.970	.854	.742
MINIMUM Y	-1.003	-.896	-.517
CENTROID X	-.237	-.186	-.195
CENTROID Y	.165	.058	.170
POA TO CENTROID in.	.289	.195	.259
MIN RADIUS	.516	.405	.517
MEAN RADIUS	.821	.779	.763
MAX RADIUS	1.071	.993	1.022
HORIZONTAL SPREAD	1.880	1.880	1.880
VERTICAL SPREAD	1.973	1.750	1.259
EXTREME SPREAD	2.056	1.924	1.924
NUMBER IN ONE INCH CIRCLE =	0	0	0
NUMBER IN TWO INCH CIRCLE =	0	8	8
NUMBER IN THREE INCH CIRCLE =	0	10	10

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CENTERFIRE PATTERNS # 4



* OF SHOTS- 10

* IN CIR

1in = 2

2in = 4

3in = 9

HS= 3.022

VS= 2.223

GS= 3.035

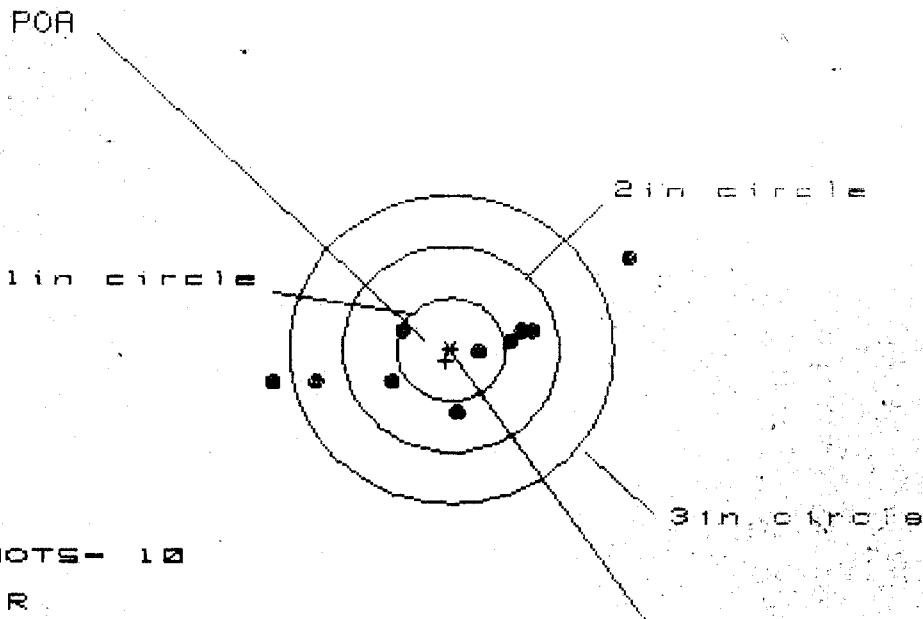
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.939	.970	.792
MINIMUM X	-1.083	-.868	-.746
MAXIMUM Y	1.055	1.092	1.225
MINIMUM Y	-1.168	-1.131	-.998
CENTROID X	.112	-.103	-.225
CENTROID Y	.189	.152	.019
POA TO CENTROID in.	.220	.184	.225
MIN RADIUS	.234	.060	.216
MEAN RADIUS	1.015	.857	.774
MAX RADIUS	1.967	1.439	1.327
HORIZONTAL SPREAD	3.022	1.838	1.539
VERTICAL SPREAD	2.223	2.223	2.223
EXTREME SPREAD	3.035	2.422	2.267
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 3.255

VS= 1.489

GS= 3.456

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.629	.978	.798
MINIMUM X	:	-1.626	-1.445	-1.198
MAXIMUM Y	:	.863	.310	.284
MINIMUM Y	:	-.626	-.530	-.555
CENTROID X	:	.049	-.132	.048
CENTROID Y	:	.110	.014	.040
POA TO CENTROID in.	:	.120	.133	.062
MIN RADIUS	:	.248	.332	.266
MEAN RADIUS	:	.868	.764	.647
MAX RADIUS	:	1.844	1.459	1.216
HORIZONTAL SPREAD	:	3.255	2.423	1.996
VERTICAL SPREAD	:	1.489	.840	.840
EXTREME SPREAD	:	3.456	2.467	2.044
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	