

06636160

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

UPC



0 47700 25716 7

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

MODEL 700™ H24

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

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

SERIAL NO.
C6636160

ORDER NO.
5716

Ø6



5716 C6636160

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636160

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/1/91	KS
600	Proof		5/1/91	KS
607	Check Headspace		5/1/91	KS
610	Dis-assemble Gun		5/1/91	KS
612	Magnaflux Barrel Action	5 8 9 1		Ked
	Magnaflux Bolt	5 8 9 1		Ked
615	Rollmark Caliber	5 8 9 1		GS
617	Drill and Tap Sight Holes	5 15 9 1		WB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5/1/91	TS
	Apply Coating (Bolt)		5/1/91	TS
625	Final Assembly A) Clean inside of Bolt Assembly		6/10/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/10/91	KS
	C) Inspect Ejector Hole for Chamfer		6/10/91	KS
	D) Oil Firing Pin Ass'y		6/10/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6/11/91	JS

op. #	BARBER - M24 0038400	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-11-91	JH
	G) Safety Off Force	4	4	4			6-11-91	JH
	H) Trigger Pull Test & Retainability						6-11-91	JH
	I) Firing Pin Indent	.022	.023	.023			6-11-91	JH
	J) Assemble Stock						6/11/91	KS
	K) Assemble Swivel Studs						6-13-91	AE
	L) Attach Front and Rear Sight Assemblies						6/11/91	KS
	M) Iron Sight Alignment						6/11/91	KS
	N) Detach Front & Rear Sights & place in numbered container						6/11/91	KS
	O) Attach Scope to Rifle						6/11/91	KS
	P) Detach & Attach Scope 20 Times						6/11/91	KS
640	Gallery Target & Test						6-12-91	AE
	A) Time						"	AE
	B) Malfunctions						"	AE
	C) Pierced Primers						"	AE
	D) Optical Clarity of Scope						"	AE
645	Inspect for Live Ammo						6-12-91	AE
655	Final Inspection							
	A) Headspace						6-13-91	AE
	B) Trigger Pull	2.70	2.76	2.79	2.73	2.72	6-13-91	JH
	C) Function						6-13-91	AE
660	Pack						6-20-91	AE

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

SERIAL NO. C6636160DATE 6-11-91TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.63	2.60	2.70	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.60	2.64	2.76	
PULL #3	2.31	2.59	2.65	2.79	
PULL #4	2.55	2.58	2.57	2.73	
PULL #5	2.61	2.59	2.57	2.72	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.49		
PULL #2	3.64	3.52		
PULL #3	3.54	3.47		
PULL #4	3.62	3.68		
PULL #5	3.61	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	4.35	4.70		4.34
PULL #2	4.49	4.69		4.37
PULL #3	4.62	4.55		4.40
PULL #4	4.40	4.59		4.32
PULL #5	4.36	4.29		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636160
12 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.109041
1 TO	2	.226559
1 TO	3	.262711
1 TO	4	.114612
1 TO	5	.239885

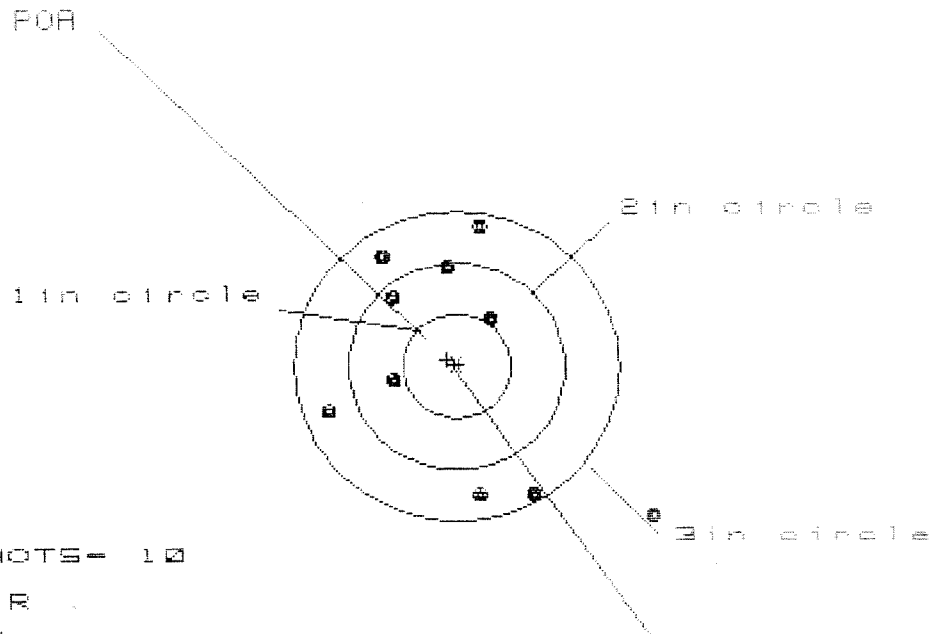
$\bar{x}$ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .099
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0432
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .106015
THE AMR FOR THIS RIFLE IS: 1.043

12 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06836160

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 3.019

VS= 2.809

GS= 3.547

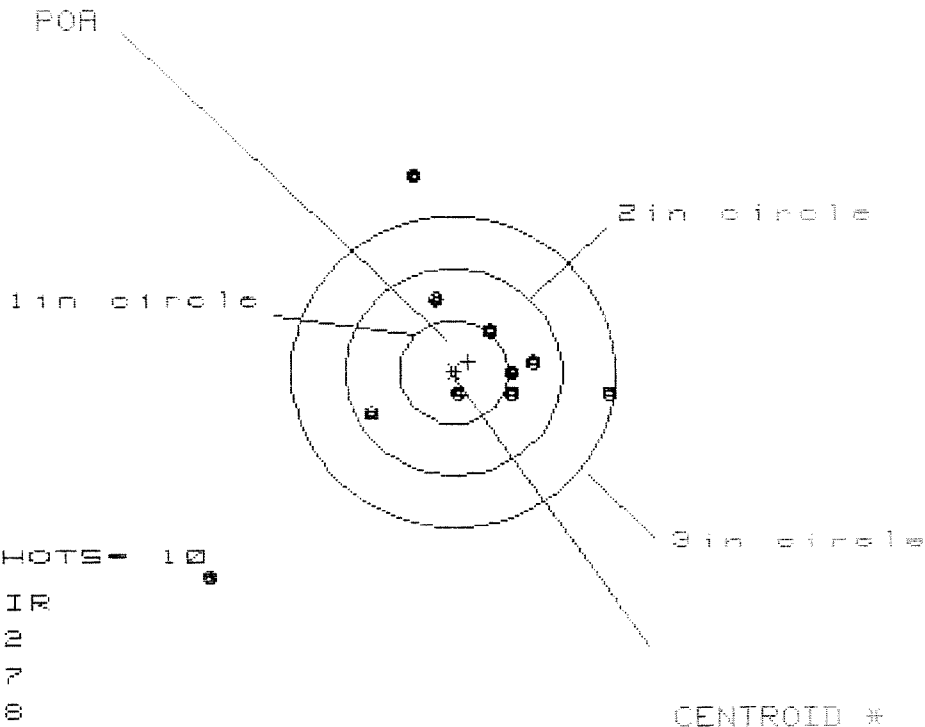
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.783	.889	.617
MINIMUM X	-1.236	-1.038	-.927
MAXIMUM Y	1.324	1.159	.985
MINIMUM Y	-1.485	-1.408	-1.582
CENTROID X	.089	-.109	-.220
CENTROID Y	-.063	.102	.276
POA TO CENTROID in.	.110	.149	.353
MIN RADIUS	.565	.474	.460
MEAN RADIUS	1.197	1.016	.892
MAX RADIUS	2.320	1.657	1.651
HORIZONTAL SPREAD	3.019	1.927	1.544
VERTICAL SPREAD	2.809	2.567	2.567
EXTREME SPREAD	3.547	2.679	2.569
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 2



HS= 3.673

VS= 3.877

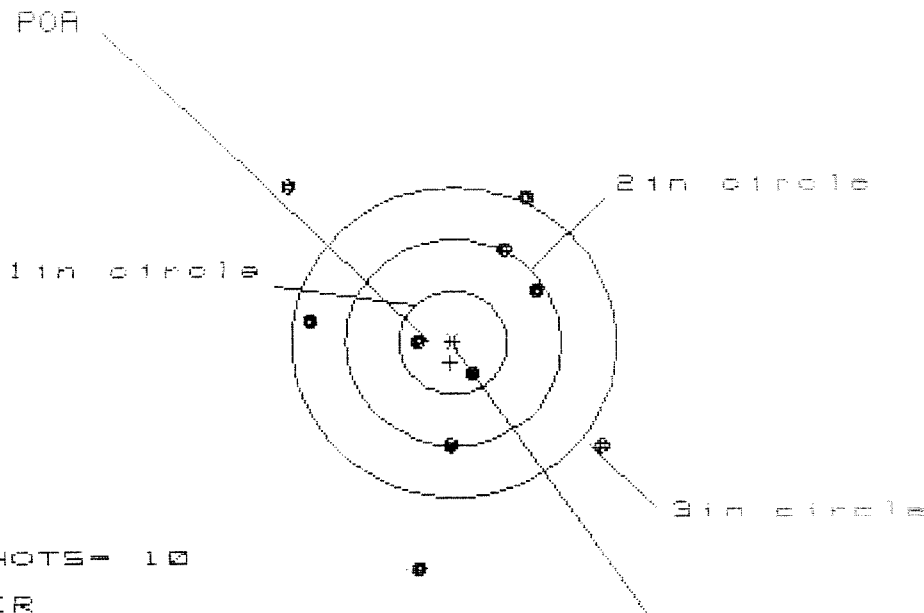
GS= 4.304

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.424	1.174	1.095
MINIMUM X	-2.249	-1.055	-1.134
MAXIMUM Y	1.869	1.646	.649
MINIMUM Y	-2.008	-1.605	-.400
CENTROID X	-.134	.116	.195
CENTROID Y	-.103	.120	-.085
POA TO CENTROID in.	.169	.167	.210
MIN RADIUS	.204	.169	.240
MEAN RADIUS	1.043	.755	.588
MAX RADIUS	3.015	1.762	1.202
HORIZONTAL SPREAD	3.673	2.229	2.229
VERTICAL SPREAD	3.877	2.251	1.049
EXTREME SPREAD	4.304	2.715	2.240
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 6

HS= 2.969

VS= 3.886

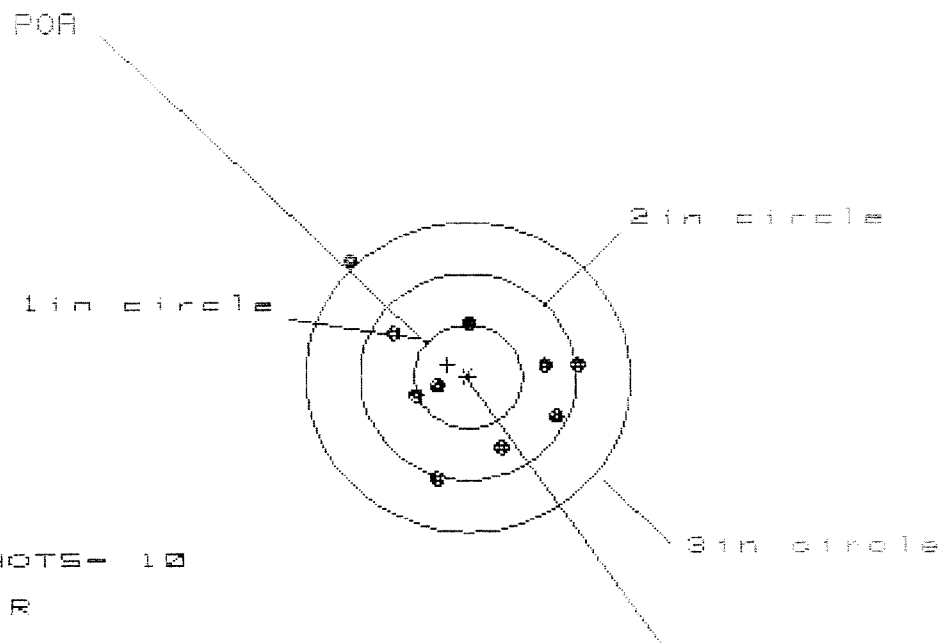
GS= 3.882

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.394	1.354	1.153
MINIMUM X	-1.575	-1.615	-1.521
MAXIMUM Y	1.463	1.216	1.355
MINIMUM Y	-2.223	-1.250	-1.098
CENTROID X	.030	.070	.271
CENTROID Y	.193	.440	.288
POA TO CENTROID in.	.195	.445	.396
MIN RADIUS	.286	.391	.432
MEAN RADIUS	1.261	1.148	1.015
MAX RADIUS	2.251	2.021	1.562
HORIZONTAL SPREAD	2.969	2.969	2.674
VERTICAL SPREAD	3.686	2.466	2.453
EXTREME SPREAD	3.882	3.832	2.898
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.179

VS= 2.042

GS= 2.433

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.041	.914	.801
MINIMUM X	:	-1.138	-.833	-.719
MAXIMUM Y	:	1.076	.666	.701
MINIMUM Y	:	-.966	-.847	-.812
CENTROID X	:	.189	.316	.202
CENTROID Y	:	-.119	-.238	-.273
POA TO CENTROID in.	:	.223	.396	.339
MIN RADIUS	:	.284	.388	.277
MEAN RADIUS	:	.829	.739	.697
MAX RADIUS	:	1.566	1.006	.935
HORIZONTAL SPREAD	:	2.179	1.747	1.520
VERTICAL SPREAD	:	2.042	1.513	1.513
EXTREME SPREAD	:	2.433	1.770	1.728
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.445

VS = 1.699

GS = 2.461

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.578
MINIMUM X	-.867
MAXIMUM Y	.898
MINIMUM Y	-.801
CENTROID X	.321
CENTROID Y	-.124
POA TO CENTROID in.	.344
MIN RADIUS	.065
MEAN RADIUS	.886
MAX RADIUS	1.597
HORIZONTAL SPREAD	2.445
VERTICAL SPREAD	1.699
EXTREME SPREAD	2.461
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	9