

06649252

MODEL 700™ M24

Model S&S™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



Remington®
MODEL 700™ M24

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

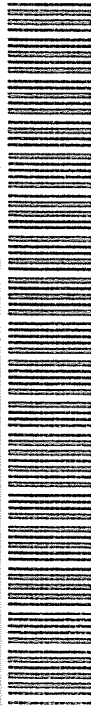
DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6649252

ORDER NO.
5716

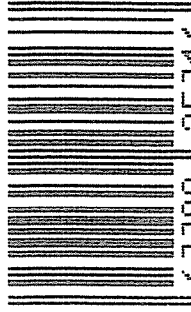
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6649252

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649252

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	LS
617	Drill and Tap Sight Holes		JUL 1 1991	LB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	WB
	Apply Coating (Bolt)			WB
625	Final Assembly A) Clean inside of Bolt Assembly		8/28/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	WB
	C) Inspect Ejector Hole for Chamfer		8/28/91	WB
	D) Oil Firing Pin Ass'y		8/28/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		8/26/91	JU

op. #	BARBER M24 0066962	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	4			8/26/91	K7
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			8/26/91	K7
	H) Trigger Pull Test & Retainability						8/26/91	JU
	I) Firing Pin Indent	.022	.022	.021			8/26/91	K7
	J) Assemble Stock							
	K) Assemble Swivel Studs						8-31-91	NH
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						8-31-91	AC
	A) Time						8-31-91	AC
	B) Malfunctions						8-31-91	AC
	C) Pierced Primers						8-31-91	AC
	D) Optical Clarity of Scope						8-31-91	AC
645	Inspect for Live Ammo						8-31-91	AC
655	Final Inspection						8-31-91	D/H
	A) Headspace							
	B) Trigger Pull	2.50	2.47	2.40	2.36	2.52	8/29/91	JH
	C) Function						8-31-91	D/H
660	Pack						9-4-91	RK

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649252DATE 8-26-91TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.49	2.38	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.40	2.36	2.47	
PULL #3	2.28	2.20	2.30	2.60	
PULL #4	2.51	2.32	2.35	2.36	
PULL #5	2.45	2.18	2.25	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.59		
PULL #2	3.34	3.60		
PULL #3	3.24	3.40		
PULL #4	3.26	3.45		
PULL #5	3.39	3.56		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.50		4.60
PULL #2	4.54	4.20		4.59
PULL #3	4.45	4.41		4.42
PULL #4	4.40	4.58		4.60
PULL #5	4.41	4.46		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649252
27 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.243822
1 TO	2	.206828
1 TO	3	.181604
1 TO	4	.167075
1 TO	5	.29181

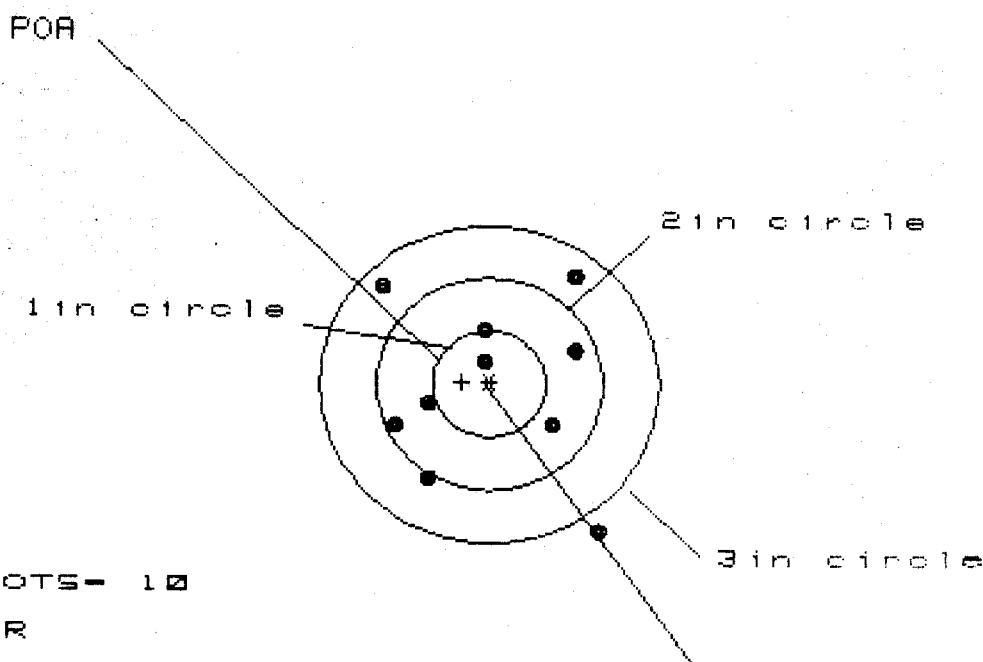
✠ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1758
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0542
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .183965
THE AVERAGE POI FOR THIS RIFLE IS: .8462

21 Aug 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 6

3in = 9

HS- 1.942

VS= 2.331

GS= 3.023

CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.003	.867	.763
MINIMUM X	:	-.940	-.828	-.847
MAXIMUM Y	:	.970	.818	.919
MINIMUM Y	:	-1.361	-1.013	-.912
CENTROID X	:	.243	.131	.235
CENTROID Y	:	-.020	.132	.031
POA TO CENTROID in.:	:	.243	.186	.237
MIN RADIUS	:	.260	.134	.209
MEAN RADIUS	:	.906	.792	.747
MAX RADIUS	:	1.691	1.160	1.166
HORIZONTAL SPREAD	:	1.942	1.695	1.610
VERTICAL SPREAD	:	2.331	1.831	1.831
EXTREME SPREAD	:	3.023	2.206	2.206
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

27 Aug 1991

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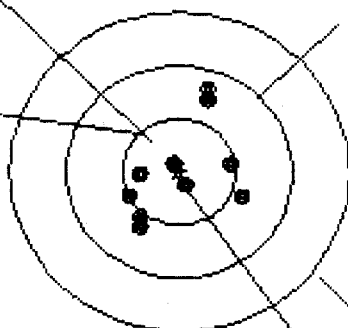
CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle



CENTROID #

OF SHOTS- 10

IN CIR

1in - 4

2in - 10

3in = 10

HS= .950

VS= 1.239

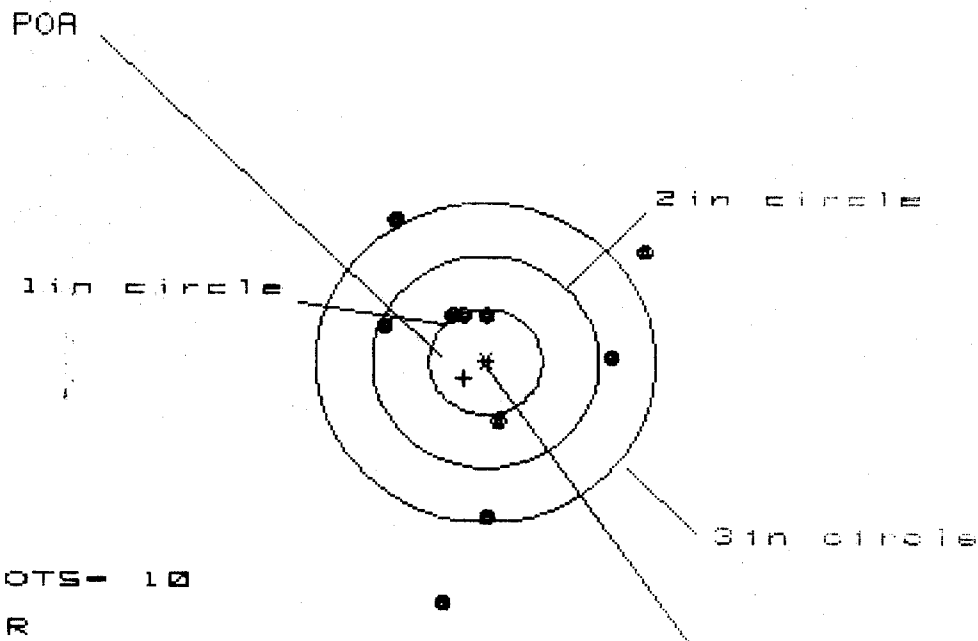
GS= 1.354

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.512	.535	.570
MINIMUM X	:	-.438	-.415	-.380
MAXIMUM Y	:	.748	.717	.262
MINIMUM Y	:	-.491	-.408	-.319
CENTROID X	:	.046	.023	-.012
CENTROID Y	:	-.083	-.166	-.255
POA TO CENTROID in.	:	.095	.167	.256
MIN RADIUS	:	.096	.090	.161
MEAN RADIUS	:	.462	.422	.378
MAX RADIUS	:	.776	.769	.574
HORIZONTAL SPREAD	:	.950	.950	.950
VERTICAL SPREAD	:	1.239	1.125	.581
EXTREME SPREAD	:	1.354	1.274	.950
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			10	
NUMBER IN THREE INCH CIRCLE =			10	

27 Aug 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.303

VS= 3.642

GS= 3.745

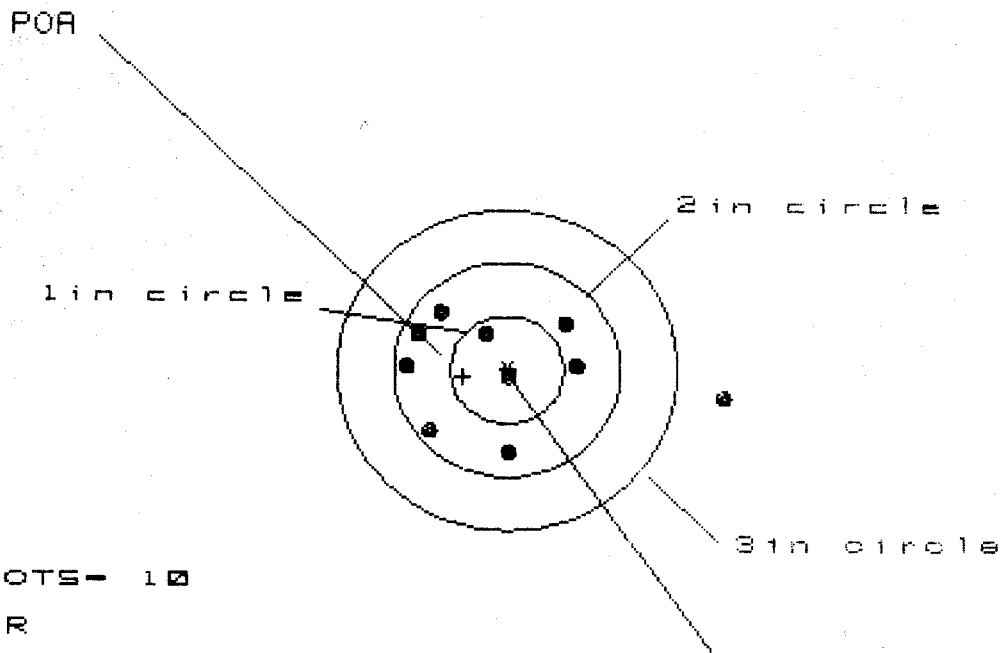
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.382	1.341	1.258
MINIMUM X	:	-.921	-.962	-.794
MAXIMUM Y	:	1.355	1.101	1.197
MINIMUM Y	:	-2.287	-1.676	-1.580
CENTROID X	:	.191	.232	.064
CENTROID Y	:	.154	.408	.312
POA TO CENTROID in.	:	.245	.469	.318
MIN RADIUS	:	.487	.245	.305
MEAN RADIUS	:	1.129	.940	.852
MAX RADIUS	:	2.316	1.677	1.584
HORIZONTAL SPREAD	:	2.303	2.303	2.052
VERTICAL SPREAD	:	3.642	2.777	2.777
EXTREME SPREAD	:	3.745	2.890	2.890
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

27 Aug 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 2

2in - 9

3in = 9

HS- 2.782

VS= 1.376

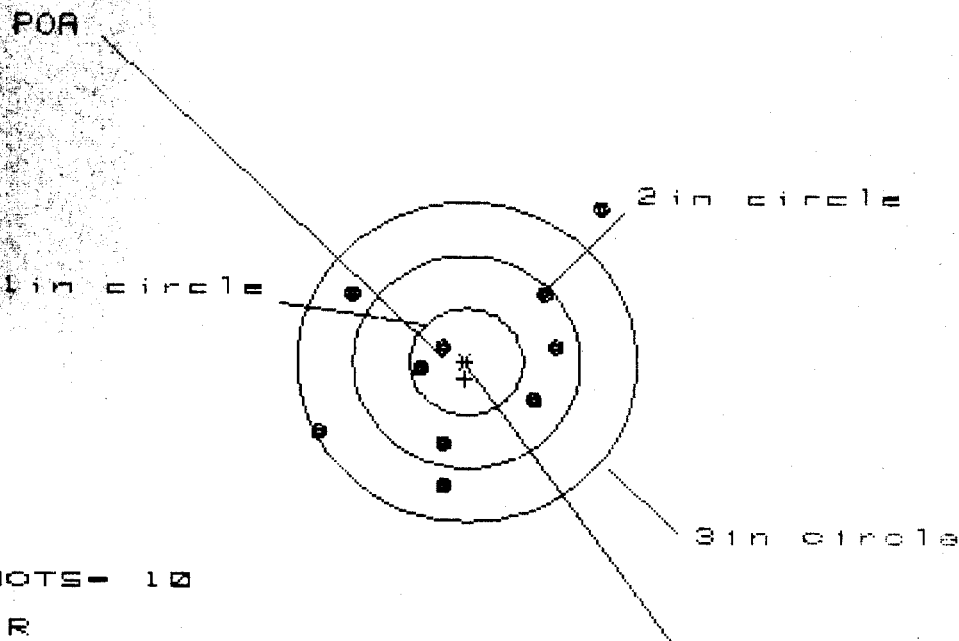
GS= 2.802

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.921	.787	.726
MINIMUM X	:	-.861	-.647	-.708
MAXIMUM Y	:	.572	.537	.468
MINIMUM Y	:	-.804	-.839	-.908
CENTROID X	:	.388	.174	.234
CENTROID Y	:	.063	.098	.167
POA TO CENTROID in.	:	.393	.200	.288
MIN RADIUS	:	.123	.273	.197
MEAN RADIUS	:	.780	.632	.607
MAX RADIUS	:	1.946	.861	.917
HORIZONTAL SPREAD	:	2.782	1.434	1.434
VERTICAL SPREAD	:	1.376	1.376	1.376
EXTREME SPREAD	:	2.802	1.521	1.474
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Aug 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.424

VS= 2.617

GS= 3.201

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.149	.948	.804
MINIMUM X	:	-1.275	-1.147	-1.008
MAXIMUM Y	:	1.463	.808	.750
MINIMUM Y	:	-1.154	-.991	-1.049
CENTROID X	:	.011	-.117	.027
CENTROID Y	:	.157	-.006	.052
POA TO CENTROID in.	:	.157	.117	.059
MIN RADIUS	:	.261	.276	.346
MEAN RADIUS	:	.954	.837	.780
MAX RADIUS	:	1.861	1.238	1.256
HORIZONTAL SPREAD	:	2.424	2.095	1.812
VERTICAL SPREAD	:	2.617	1.799	1.799
EXTREME SPREAD	:	3.201	2.295	1.983
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	