

C6649236

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

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

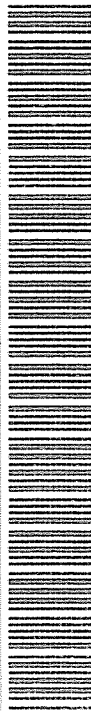
MODEL 700™ M24

SERIAL NO.
06649236

ORDER NO.
5716

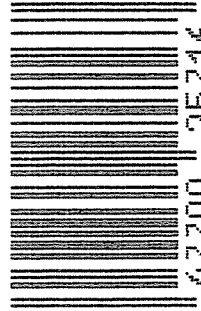
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 06649236

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649236

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25 9 1 QUALITY		RW
600	Proof	6 25 9 1 AUDIT		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	WB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	JS
	Apply Coating (Bolt)			
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. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/4	5 1/4	5 1/2			8/26/91	NF
	G) Safety Off Force	22 3	2 3/4	3 2			8/26/91	NF
	H) Trigger Pull Test & Retainability						8/26/91	JO
	I) Firing Pin Indent	.021	.022	.022			8/26/91	NF
	J) Assemble Stock						8/29	AW
	K) Assemble Swivel Studs						8-31-91	DH
	L) Attach Front and Rear Sight Assemblies						8/29	AW
	M) Iron Sight Alignment						8/29	AW
	N) Detach Front & Rear Sights & place in numbered container						8/29	AW
	O) Attach Scope to Rifle						8/29	AW
	P) Detach & Attach Scope 20 Times						8/29	AW
640	Gallery Target & Test						8-31-91	DH
	A) Time						8-31-91	DH
	B) Malfunctions						8-31-91	DH
	C) Pierced Primers						8-31-91	DH
	D) Optical Clarity of Scope						8-31-91	DH
645	Inspect for Live Ammo						8-31-91	DH
655	Final Inspection						8-31-91	DH
	A) Headspace						8-31-91	DH
	B) Trigger Pull	2.42	2.42	2.46	2.37	2.44	8/29/91	DP
	C) Function						8-31-91	DH
660	Pack						8-17-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6649236

DATE 8-26-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.45	2.50	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.38	2.46	2.42	
PULL #3	2.23	2.41	2.43	2.46	
PULL #4	2.30	2.40	2.48	2.37	
PULL #5	2.41	2.45	2.38	2.44	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.24		
PULL #2	3.31	3.22		
PULL #3	3.22	3.27		
PULL #4	3.28	3.28		
PULL #5	3.29	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.52	4.33		4.35
PULL #2	4.53	4.50		4.36
PULL #3	4.65	4.49		4.47
PULL #4	4.31	4.33		4.37
PULL #5	4.29	4.47		4.22
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6649236
 27 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.586837
1 TO	2	.801022
1 TO	3	.659025
1 TO	4	.916726
1 TO	5	.649006

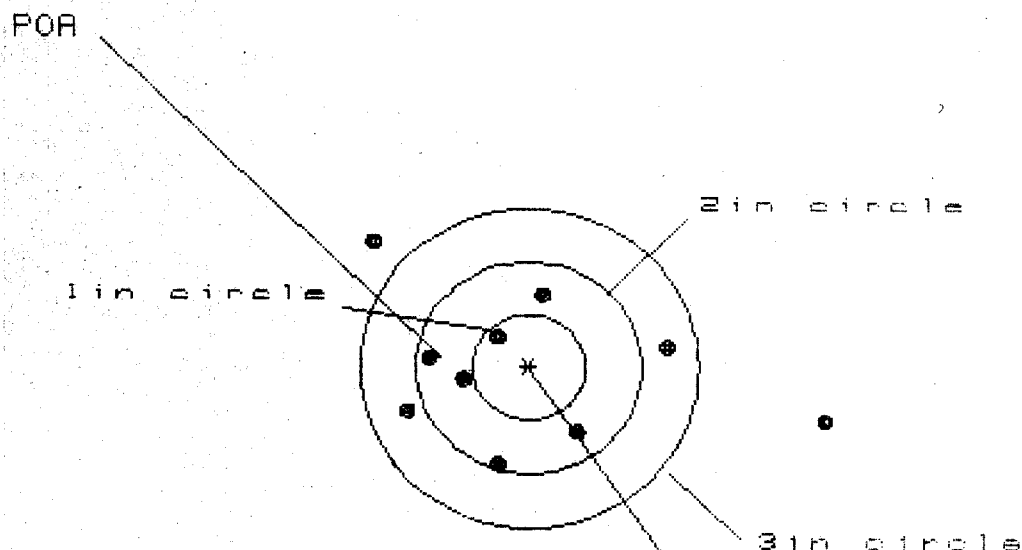
4
 5
 2 1 <----POA

ANGLE FOR THIS RIFLE IS: .0828
 ANGLE FOR THIS RIFLE IS: .2606
 RADIUS FOR THIS RIFLE IS: .273438
 .9926

27 Aug 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.978

VS= 2.127

GS= 4.348

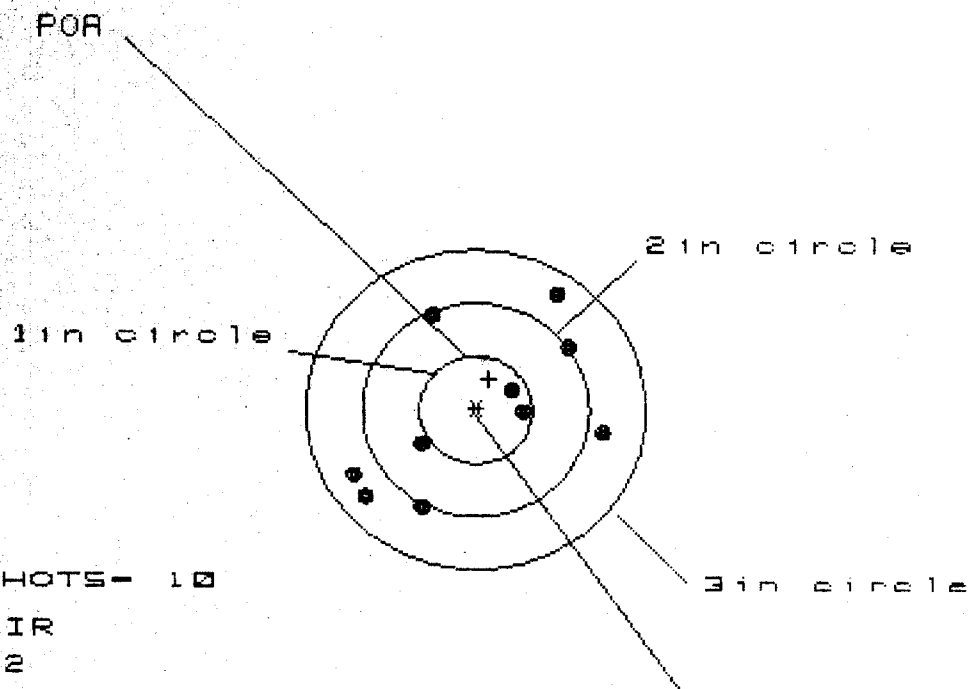
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM	:	2.614	1.489	1.355
MINIMUM	:	-1.364	-1.074	-.879
MAXIMUM	:	1.233	1.175	.735
MINIMUM	:	-.894	-.952	-.805
CENTROID	:	.577	.287	.421
CENTROID	:	.107	.165	.018
FOR TO CENTROID IN:	:	.587	.331	.422
IN REASON	:	.424	.285	.440
MEAN SPREAD	:	1.102	.865	.783
10% SPREAD	:	2.665	1.592	1.382
VERTICAL SPREAD	:	3.978	2.563	2.234
HORIZONTAL SPREAD	:	2.127	2.127	1.540
EXTREMITY SPREAD	:	4.348	2.769	2.305
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 2.222

VS = 1.935

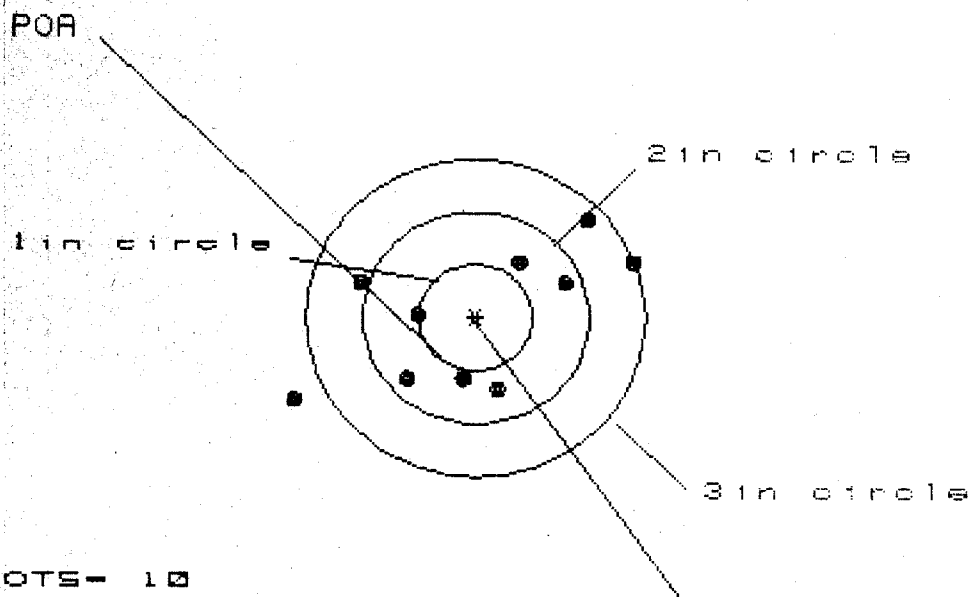
GS = 2.526

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.142	1.222	1.109
MINIMUM X	:	-1.080	-1.000	-1.113
MAXIMUM Y	:	1.066	.984	.899
MINIMUM Y	:	-.869	-.750	-.835
CENTROID X	:	-.117	-.197	-.084
CENTROID Y	:	-.293	-.412	-.327
POA TO CENTROID in.	:	.316	.456	.337
MIN RADIUS	:	.389	.428	.378
MEAN RADIUS	:	.923	.881	.832
MAX RADIUS	:	1.287	1.224	1.240
HORIZONTAL SPREAD	:	2.222	2.222	2.222
VERTICAL SPREAD	:	1.935	1.734	1.734
EXTREME SPREAD	:	2.526	2.256	2.256
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

IS = 2.955

VS = 1.699

GS = 3.233

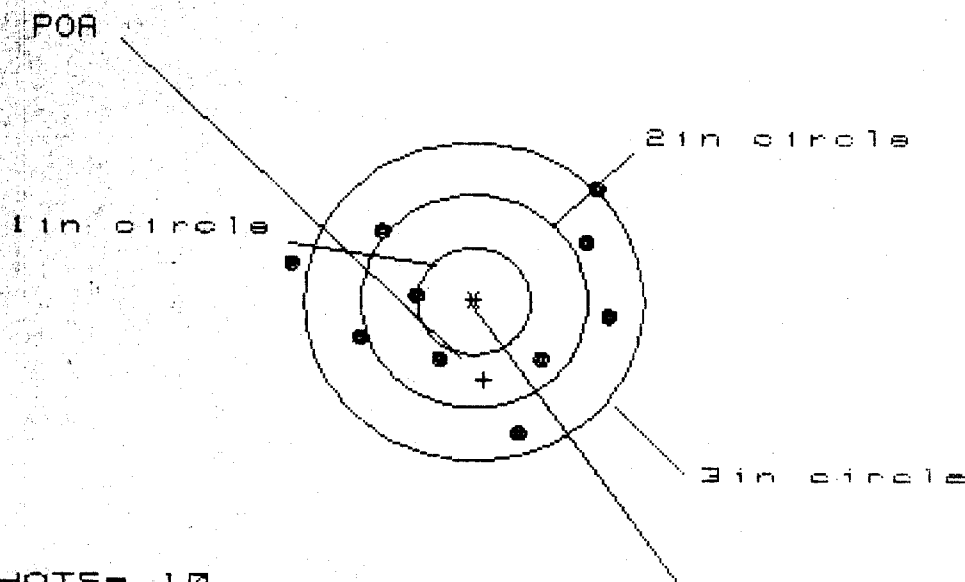
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.403	1.229	.941
MINIMUM X	:	-1.563	-1.208	-1.054
MAXIMUM Y	:	.941	.856	.912
MINIMUM Y	:	-.758	-.767	-.711
CENTROID X	:	.110	.284	.130
CENTROID Y	:	.572	.657	.601
POA TO CENTROID in.	:	.583	.715	.615
MIN RADIUS	:	.471	.477	.492
MEAN RADIUS	:	.971	.882	.812
MAX RADIUS	:	1.738	1.306	1.310
HORIZONTAL SPREAD	:	2.966	2.437	1.995
VERTICAL SPREAD	:	1.699	1.623	1.623
EXTREME SPREAD	:	3.233	2.448	2.153
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 8

HS= 2.758

VS= 2.364

GS= 2.830

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.148	.969	1.088
MINIMUM X	:	-1.610	-1.203	-1.084
MAXIMUM Y	:	1.087	1.131	.893
MINIMUM Y	:	-1.277	-1.233	-1.091
CENTROID X	:	-.088	.091	-.028
CENTROID Y	:	.738	.694	.552
POA TO CENTROID in.	:	.744	.700	.553
MIN RADIUS	:	.509	.588	.477
MEAN RADIUS	:	1.087	1.017	.930
MAX RADIUS	:	1.659	1.481	1.238
HORIZONTAL SPREAD	:	2.758	2.172	2.172
VERTICAL SPREAD	:	2.364	2.364	1.985
EXTREME SPREAD	:	2.830	2.582	2.280
NUMBER IN ONE INCH CIRCLE =	:	0	0	0
NUMBER IN TWO INCH CIRCLE =	:	3	3	3
NUMBER IN THREE INCH CIRCLE =	:	8	8	8

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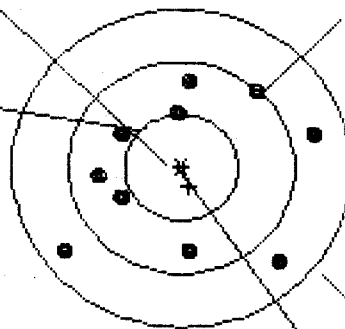
CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle



CENTROID *

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 7

3 in = 10

IS = 2.155

VS = 1.696

GS = 2.406

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.130	1.016	1.114
MINIMUM X	:	-1.025	-.884	-.786
MAXIMUM Y	:	.856	.774	.659
MINIMUM Y	:	-.841	-.922	-.980
CENTROID X	:	-.068	.046	-.052
CENTROID Y	:	.179	.260	.376
POA TO CENTROID in.	:	.191	.264	.379
MIN RADIUS	:	.516	.457	.321
MEAN RADIUS	:	.880	.834	.753
MAX RADIUS	:	1.262	1.212	1.123
HORIZONTAL SPREAD	:	2.155	1.900	1.900
VERTICAL SPREAD	:	1.696	1.696	1.639
EXTREME SPREAD	:	2.406	1.946	1.946
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	