

06649251

MODEL 700™ M24

Model **S&S**™

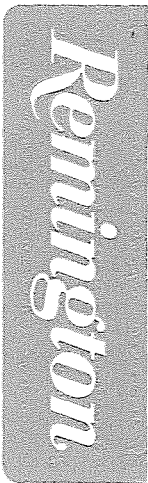
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington®

MODEL 700™ M24

DU PONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6649251

ORDER NO.
5716

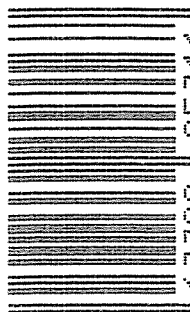
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6649251

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649251

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	GS
617	Drill and Tap Sight Holes		JUL 1 1991	LB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		8-7-91	AD
	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		8/27/91	RW

op. #	BARBER M24 0066951	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8/28/91	SH
	G) Safety Off Force	3	3	3			8/28/91	SH
	H) Trigger Pull Test & Retainability						8/27/91	SH
	I) Firing Pin Indent	.0225	.021	.022			8/28/91	SH
	J) Assemble Stock						8/28/91	RW
	K) Assemble Swivel Studs						8-31-91	DH
	L) Attach Front and Rear Sight Assemblies						8/28/91	RW
	M) Iron Sight Alignment						8/28/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/28/91	RW
	O) Attach Scope to Rifle						8/28/91	RW
	P) Detach & Attach Scope 20 Times						8/28/91	RW
640	Gallery Target & Test						8/28/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						8/28/91	KT
655	Final Inspection							
	A) Headspace						8-31-91	DH
	B) Trigger Pull	2.32	2.30	2.23	2.53	2.41	8/28/91	SH
	C) Function						8-31-91	DH
660	Pack						7-18-91	DH

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

SERIAL NO. C-6649251
DATE 8/27/91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.27	2.33	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.34	2.21	2.30	
PULL #3	2.35	2.25	2.38	2.23	
PULL #4	2.26	2.36	2.44	2.53	
PULL #5	2.35	2.31	2.36	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.54		
PULL #2	3.40	3.57		
PULL #3	3.60	3.49		
PULL #4	3.51	3.52		
PULL #5	3.60	3.55		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.35		4.49
PULL #2	4.41	4.25		4.48
PULL #3	4.40	4.41		4.22
PULL #4	4.24	4.40		4.19
PULL #5	4.38	4.35		4.27
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649251
29 Aug 1991

CENTROIDAL DISTANCES

0 TO 1	.184092
1 TO 2	.312554
1 TO 3	.0431045
1 TO 4	.0902109
1 TO 5	.00412311

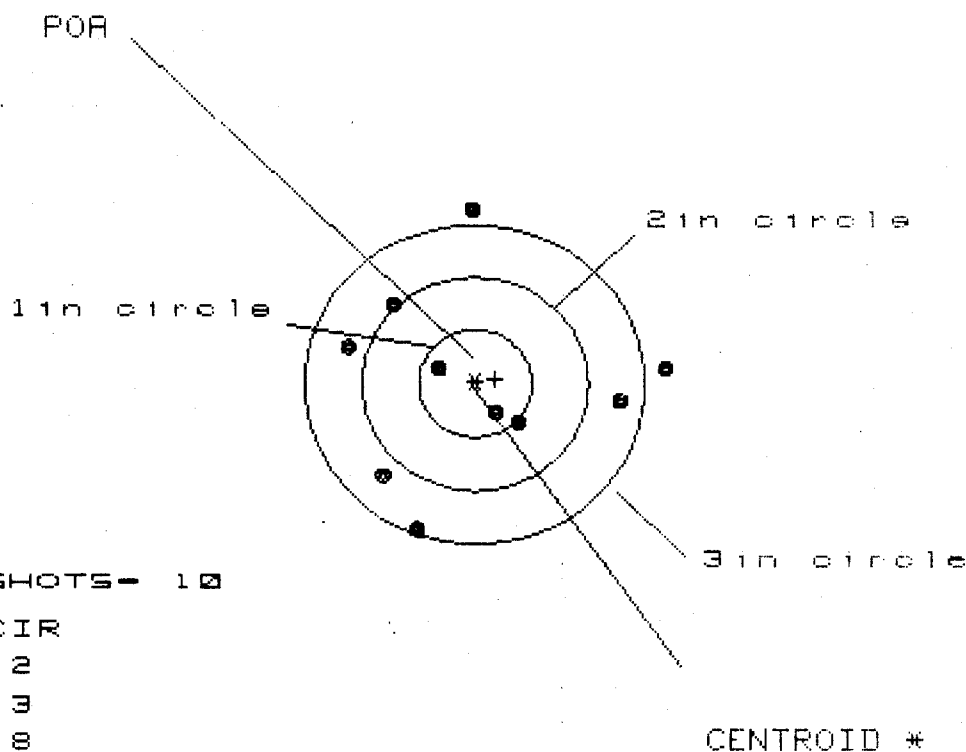
2nd <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2356
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0434
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .239564
THE POI FOR THIS RIFLE IS: 1.06

25 Aug 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6649251

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 8

HS= 2.848

VS= 3.019

GS= 3.058

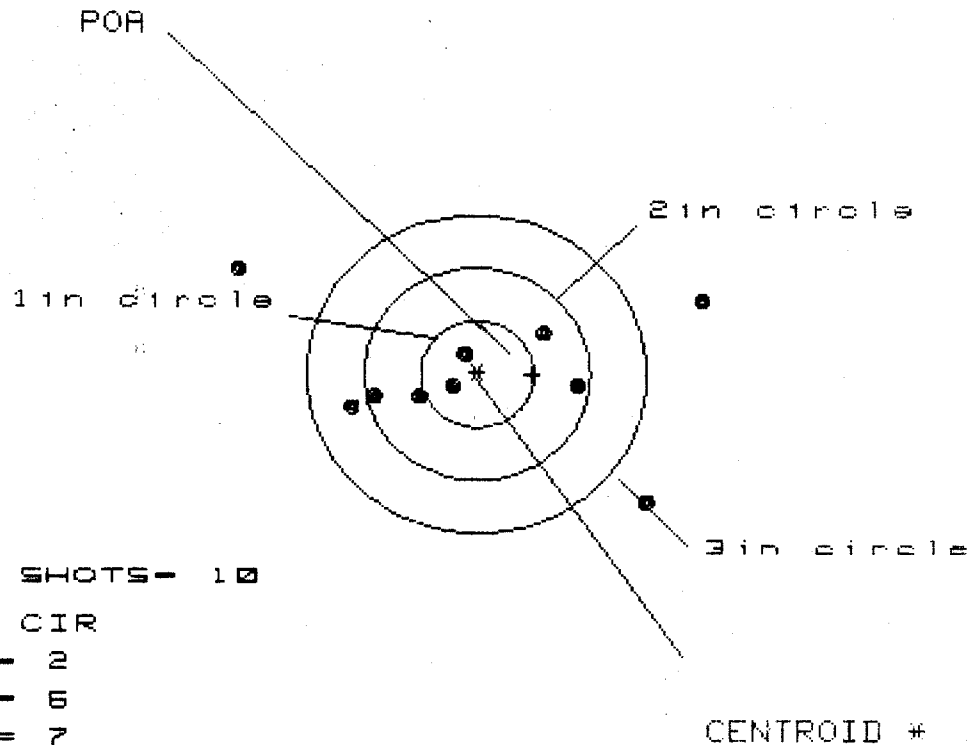
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.679	1.514	1.537
MINIMUM X	:	-1.169	-.982	-.959
MAXIMUM Y	:	1.621	1.641	.993
MINIMUM Y	:	-1.398	-1.378	-1.173
CENTROID X	:	-.179	-.366	-.389
CENTROID Y	:	-.043	-.063	-.268
POR TO CENTROID in.	:	.184	.371	.472
MIN RADIUS	:	.315	.211	.358
MEAN RADIUS	:	1.075	.989	.898
MA RADIUS	:	1.689	1.651	1.538
HORIZONTAL SPREAD	:	2.848	2.496	2.496
VERTICAL SPREAD	:	3.019	3.019	2.166
EXTREME SPREAD	:	3.058	3.058	2.543
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

29 Aug 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 6

3 in = 7

HS = 4.055

VS = 2.108

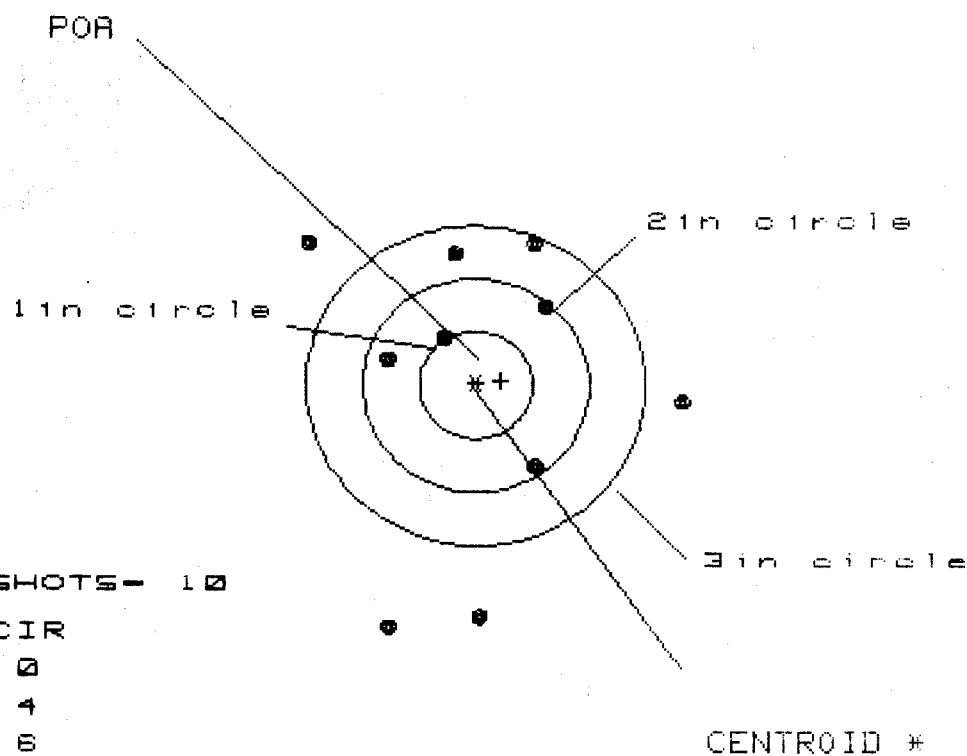
GS = 4.199

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.955	1.722	1.513
MINIMUM X	:	-2.100	-1.297	-1.082
MAXIMUM Y	:	.948	.754	.588
MINIMUM Y	:	-1.160	-1.055	-.961
CENTROID X	:	-.488	-.255	-.470
CENTROID Y	:	.004	-.101	-.195
POA TO CENTROID in.	:	.488	.274	.509
MIN RADIUS	:	.167	.394	.226
MEAN RADIUS	:	1.089	.985	.829
MAX RADIUS	:	2.304	1.880	1.792
HORIZONTAL SPREAD	:	4.055	3.019	2.595
VERTICAL SPREAD	:	2.108	1.809	1.549
EXTREME SPREAD	:	4.199	3.165	2.734
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	7		

29 Aug 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 6

HS= 3.292

VS= 3.611

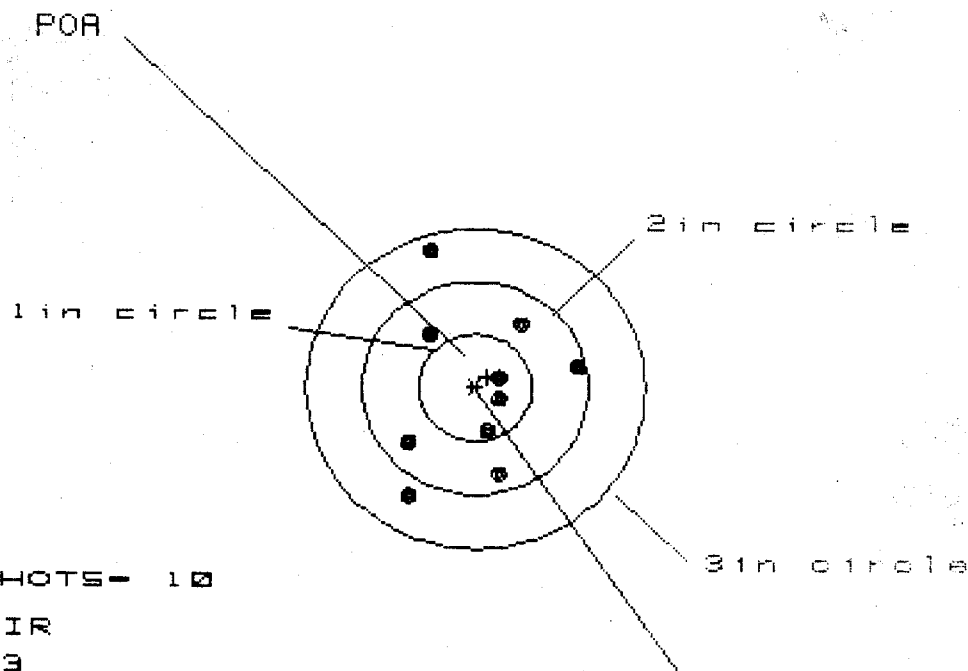
GS= 3.836

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.777	1.696	1.693
MINIMUM X	:	-1.515	-1.596	-1.599
MAXIMUM Y	:	1.345	1.093	.792
MINIMUM Y	:	-2.266	-2.410	-1.303
CENTROID X	:	-.222	-.141	-.138
CENTROID Y	:	-.040	.212	.513
POA TO CENTROID in.	:	.226	.254	.531
MIN RADIUS	:	.561	.456	.422
MEAN RADIUS	:	1.435	1.276	1.075
MAX RADIUS	:	2.381	2.410	1.854
HORIZONTAL SPREAD	:	3.292	3.292	3.292
VERTICAL SPREAD	:	3.611	3.503	2.095
EXTREME SPREAD	:	3.836	3.808	3.623
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

29 Aug 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.490

VS= 2.275

GS= 2.281

CENTROID #

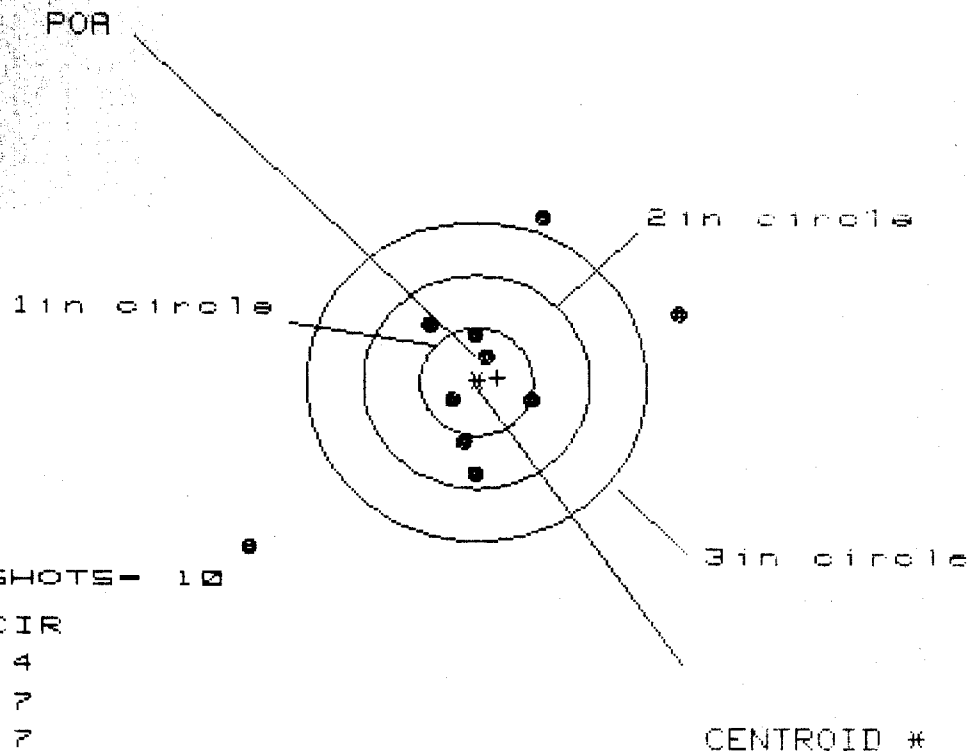
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.898	.854	.779
MINIMUM X	:	-.592	-.636	-.711
MAXIMUM Y	:	1.303	.737	.634
MINIMUM Y	:	-.972	-.827	-.742
CENTROID X	:	-.106	-.062	.013
CENTROID Y	:	-.096	-.241	-.138
POA TO CENTROID in.	:	.143	.249	.138
MIN RADIUS	:	.216	.129	.105
MEAN RADIUS	:	.729	.634	.573
MAX RADIUS	:	1.361	1.021	.875
HORIZONTAL SPREAD	:	1.490	1.490	1.490
VERTICAL SPREAD	:	2.275	1.564	1.376
EXTREME SPREAD	:	2.281	1.890	1.686
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Aug (54)

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CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 7

HS= 3.884

VS= 3.116

GS= 4.466

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.829	1.600	.544
MINIMUM X	:	-2.055	-.685	-.485
MAXIMUM Y	:	1.525	1.349	1.403
MINIMUM Y	:	-1.591	-1.075	-1.021
CENTROID X	:	-.183	.046	-.154
CENTROID Y	:	-.042	.134	.080
POA TO CENTROID in.	:	.188	.142	.174
MIN RADIUS	:	.248	.188	.123
MEAN RADIUS	:	.974	.804	.644
MAX RADIUS	:	2.599	1.659	1.505
HORIZONTAL SPREAD	:	3.884	2.285	1.029
VERTICAL SPREAD	:	3.116	2.424	2.424
EXTREME SPREAD	:	4.466	2.495	2.495
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		7	