

C6636278

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington
MODEL 700TM M24

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

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

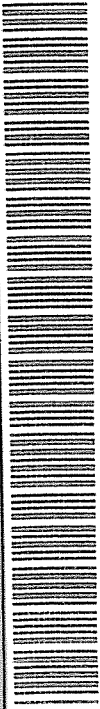
SERIAL NO.
C6606278

ORDER NO.
5716

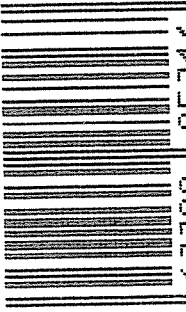
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20

5716 C6606278



UPC



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CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636278

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/25/91	KL
600	Proof		6/25/91	KL
607	Check Headspace		6/25/91	KL
610	Dis-assemble Gun		6/25/91	KL
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)		7-23-91	AS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	KS
	C) Inspect Ejector Hole for Chamfer		7/23/91	KS
	D) Oil Firing Pin Ass'y		7/23/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		7-31-91	AS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7 1/2	7 1/2			7-31-91	DH
	G) Safety Off Force	4	4	4			7-31-91	DH
	H) Trigger Pull Test & Retainability						7-31-91	DH
	I) Firing Pin Indent	.022	.022	.021			7-31-91	DH
	J) Assemble Stock						7-31-91	KL
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						7/31/91	KL
	M) Iron Sight Alignment						7/31/91	KL
	N) Detach Front & Rear Sights & place in numbered container						7/31/91	KL
	O) Attach Scope to Rifle						7/31/91	KL
	P) Detach & Attach Scope 20 Times						7/31/91	KL
640	Gallery Target & Test						8-1-91	DH
	A) Time						8-1-91	DH
	B) Malfunctions						8-1-91	DH
	C) Pierced Primers						8-1-91	DH
	D) Optical Clarity of Scope						8-1-91	DH
645	Inspect for Live Ammo						8-1-91	DH
655	Final Inspection						8-5-91	AC
	A) Headspace						8-5-91	AC
	B) Trigger Pull	2.40	2.34	2.31	2.25	2.52	8-5-91	AC
	C) Function						8-5-91	AC
660	Pack						9-19-91	AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06636278

DATE 7-31-91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.60	2.55	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.60	2.49	2.39	
PULL #3	2.22	2.57	2.46	2.31	
PULL #4	2.24	2.46	2.50	2.25	
PULL #5	2.24	2.54	2.53	2.52	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.62		
PULL #2	3.27	3.58		
PULL #3	3.30	3.48		
PULL #4	3.28	3.46		
PULL #5	3.57	3.16		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.29		4.20
PULL #2	4.30	4.31		4.18
PULL #3	4.36	4.38		4.19
PULL #4	4.23	4.30		4.57
PULL #5	4.33	4.21		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636278
1 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.489659
1 TO	2	.341013
1 TO	3	.611153
1 TO	4	.66906
1 TO	5	.615773

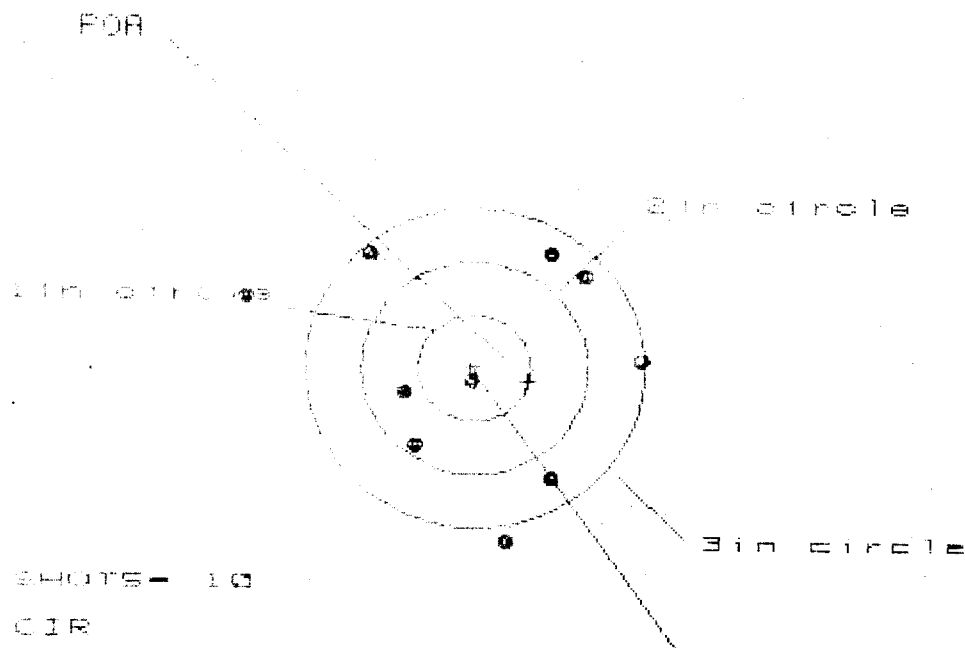
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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1102
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0476
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .120041
THE AMR FOR THIS RIFLE IS: 1.131

1 Aug 68

FILE: PATTERNING/CENTERFIRE_PATT/C0556270

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 3

3 in - 6

LS = 3.491

VS = 3.727

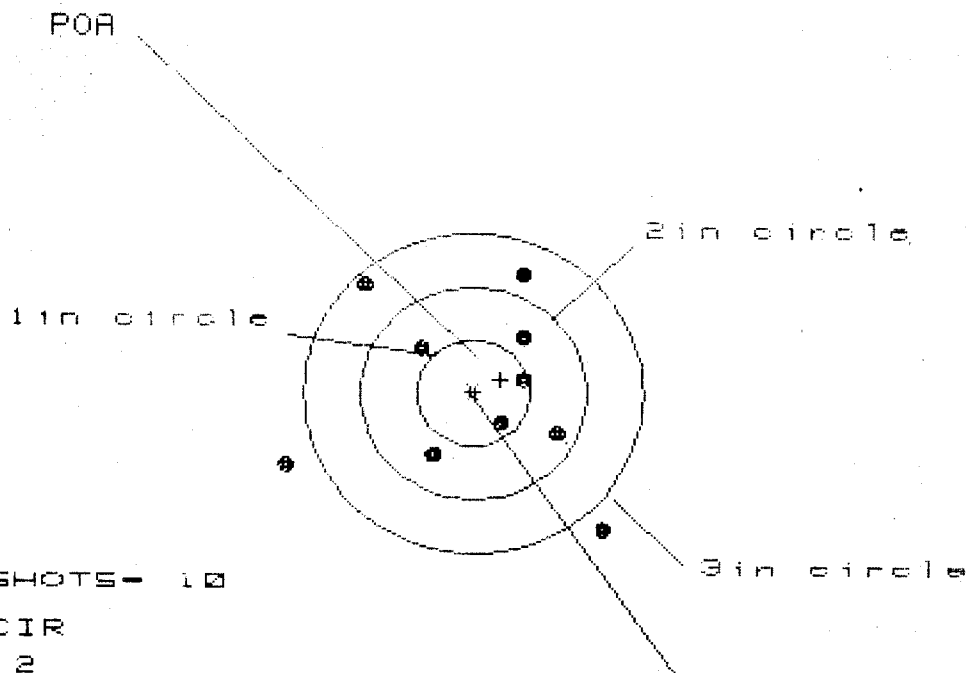
GS = 3.545

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.496	1.275	1.286
MINIMUM X	-1.995	-1.135	-1.124
MAXIMUM Y	1.094	1.170	.976
MINIMUM Y	-1.633	-1.557	-1.159
CENTROID X	-.474	-.253	-.264
CENTROID Y	.123	.047	.241
POA TO CENTROID in.	.490	.257	.358
MIN RADIUS	.165	.251	.361
MEAN RADIUS	1.220	1.118	1.064
MAX RADIUS	2.108	1.605	1.466
HORIZONTAL SPREAD	3.491	2.410	2.410
VERTICAL SPREAD	3.727	2.727	2.134
EXTREME SPREAD	3.545	2.957	2.617
NUMBER IN ONE INCH CIRCLE	1		
NUMBER IN TWO INCH CIRCLE	3		
NUMBER IN THREE INCH CIRCLE	6		

1 AUG

FILE: /PATTERNING/CENTERFIRE_PATT/C6636278

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.818

VS= 2.372

GS= 3.106

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.185	1.004	.636
MINIMUM X	-1.633	-1.159	-1.034
MAXIMUM Y	1.139	1.064	.900
MINIMUM Y	-1.233	-1.308	-.798
CENTROID X	-.241	-.060	-.185
CENTROID Y	-.126	-.051	.112
POA TO CENTROID in.	.272	.078	.217
MIN RADIUS	.315	.306	.454
MEAN RADIUS	.969	.850	.761
MAX RADIUS	1.767	1.649	1.282
HORIZONTAL SPREAD	2.818	2.163	1.670
VERTICAL SPREAD	2.372	2.372	1.699
EXTREME SPREAD	3.106	3.106	2.186
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

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INTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 2.514

VS= 3.039

GS= 3.134

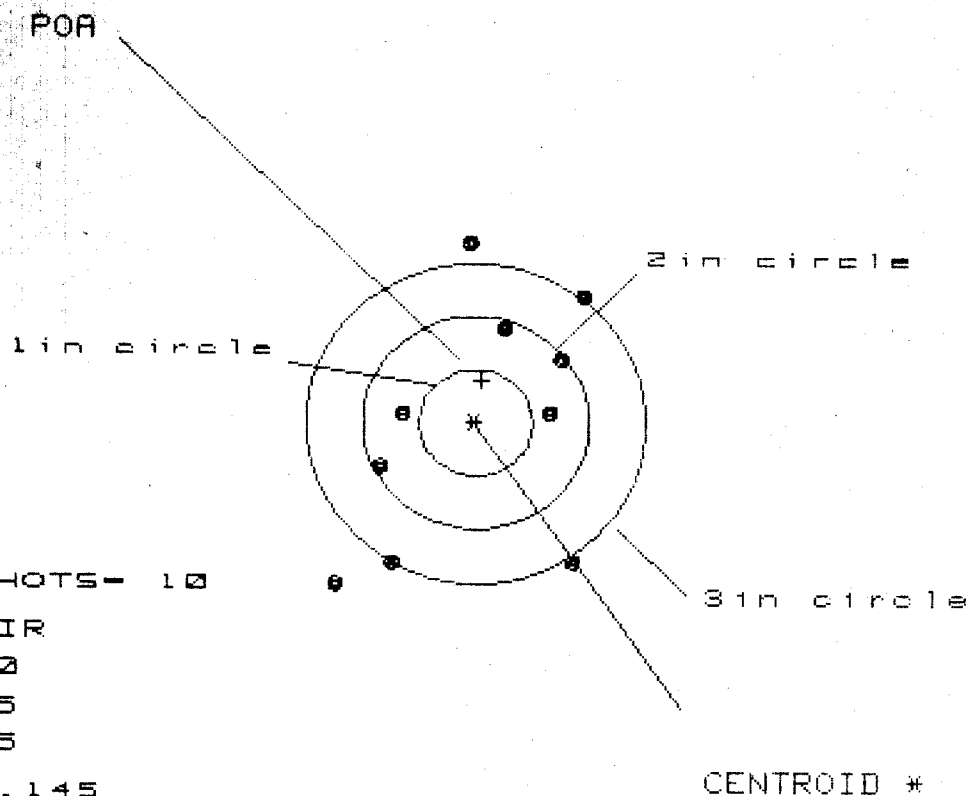
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.385	1.464	1.332
MINIMUM X	:	-1.128	-1.050	-1.149
MAXIMUM Y	:	1.566	1.402	1.239
MINIMUM Y	:	-1.473	-1.303	-1.301
CENTROID X	:	.110	.031	.163
CENTROID Y	:	-.165	-.001	.162
POA TO CENTROID in.	:	.198	.031	.229
MIN RADIUS	:	.520	.427	.219
MEAN RADIUS	:	1.173	1.094	.972
MAX RADIUS	:	1.633	1.674	1.425
HORIZONTAL SPREAD	:	2.514	2.514	2.481
VERTICAL SPREAD	:	3.039	2.705	2.540
EXTREME SPREAD	:	3.134	2.907	2.575
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

1 May 1951

FILE:/PATTERNING/CENTERFIRE_PATT/C6636278

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 5

HS= 2.145

VS= 3.190

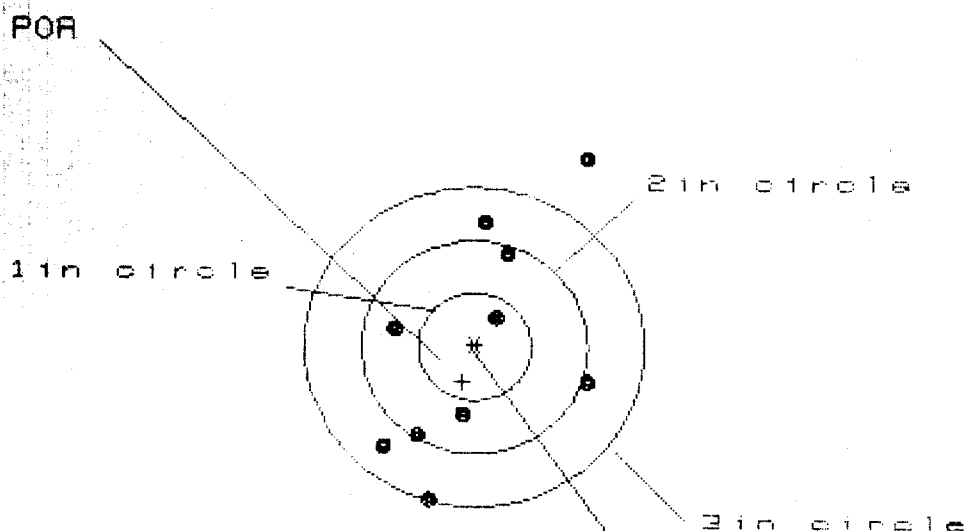
GS= 3.441

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.932	.798	.780
MINIMUM X	:	-1.213	-.951	-.969
MAXIMUM Y	:	1.686	1.519	1.210
MINIMUM Y	:	-1.504	-1.472	-1.282
CENTROID X	:	-.053	.081	.099
CENTROID Y	:	-.397	-.230	-.420
POA TO CENTROID in.	:	.401	.244	.432
MIN RADIUS	:	.650	.535	.512
MEAN RADIUS	:	1.233	1.125	1.080
MAX RADIUS	:	1.932	1.723	1.574
HORIZONTAL SPREAD	:	2.145	1.749	1.749
VERTICAL SPREAD	:	3.190	2.991	2.492
EXTREME SPREAD	:	3.441	3.085	3.013
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		5	

1 Aug 1981

FILE: PATTERNING/CENTERFIRE_PATT/C6636278

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 1.836

VS= 3.176

GS= 3.464

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.004	1.058	1.025
MINIMUM X	:	-.832	-.721	-.754
MAXIMUM Y	:	1.768	1.380	1.229
MINIMUM Y	:	-1.408	-1.212	-.897
CENTROID X	:	.107	-.004	.029
CENTROID Y	:	.327	.131	.282
POA TO CENTROID in.	:	.344	.131	.284
MIN RADIUS	:	.367	.444	.450
MEAN RADIUS	:	1.062	.932	.889
MAX RADIUS	:	2.033	1.394	1.239
HORIZONTAL SPREAD	:	1.836	1.779	1.779
VERTICAL SPREAD	:	3.176	2.592	2.126
EXTREME SPREAD	:	3.464	2.632	2.313
NUMBER IN ONE INCH CIRCLE =	:		1	
NUMBER IN TWO INCH CIRCLE =	:		4	
NUMBER IN THREE INCH CIRCLE =	:		9	