

C6636299

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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

DUPONT

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

MODEL 700™ N24

SERIAL NO.
 C6606299

ORDER NO.
 5716

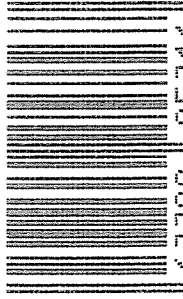
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

20



5716 C6606299

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6636299

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/25/91	KA
600	Proof		6/25/91	KA
607	Check Headspace		6/25/91	KA
610	Dis-assemble Gun		6/25/91	KA
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)		7/23/91	KA
	Apply Coating (Bolt)			KA
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	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	6 $\frac{1}{2}$	6			7-31-91	DH
	G) Safety Off Force	4	4	4			7-31-91	DH
	H) Trigger Pull Test & Retainability						7-31-91	SM
	I) Firing Pin Indent	1020	1020	1021			7-31-91	DH
	J) Assemble Stock						7/31/91	KS
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						7/31/91	KS
	M) Iron Sight Alignment						7/31/91	KS
	N) Detach Front & Rear Sights & place in numbered container						7/31/91	KS
	O) Attach Scope to Rifle						7/31/91	KS
	P) Detach & Attach Scope 20 Times						7/31/91	KS
640	Gallery Target & Test						8-1-91	AC
	A) Time						8-1-91	AC
	B) Malfunctions						8-1-91	AC
	C) Pierced Primers						8-1-91	AC
	D) Optical Clarity of Scope						8-1-91	AC
645	Inspect for Live Ammo						8-1-91	AC
655	Final Inspection							
	A) Headspace						8-5-91	K
	B) Trigger Pull	2.33	2.38	2.34	2.39	2.29	8-5-91	SM
	C) Function						8-5-91	AC
660	Pack						7-7-91	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6636299

DATE 7-31-91

TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.41	2.45	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.41	2.40	2.38	
PULL #3	2.36	2.40	2.43	2.34	
PULL #4	2.34	2.38	2.35	2.34	
PULL #5	2.40	2.39	2.40	2.29	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.28		
PULL #2	3.20	3.27		
PULL #3	3.28	3.26		
PULL #4	3.27	3.28		
PULL #5	3.28	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.29		4.61
PULL #2	4.36	4.34		4.28
PULL #3	4.38	4.43		4.29
PULL #4	4.35	4.59		4.30
PULL #5	4.39	4.29		4.28
TOTAL				
AVG.				

1

1. DISTANCE CALCULATIONS

RIFLE # 06636299

Aug 1991

2. CARTRIDGAL DISTANCES

0 TO 1	.360285
1 TO 2	.137743
1 TO 3	.204561
1 TO 4	.300794
1 TO 5	.243906

3. <----POA

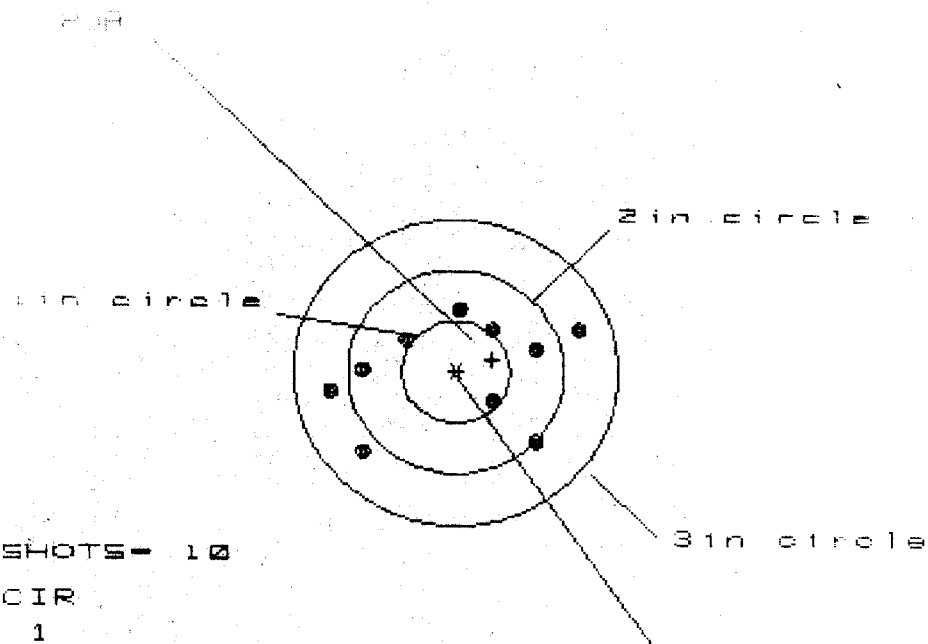
4. RIFLE IS: -.2338

5. RIFLE IS: -.0386

6. THIS RIFLE IS: .235794

FILE: PATTERNING/CENTERFIRE_PATT/C6636289

CENTERFIRE PATTERNS # 1



* OF SHOTS- 10

IN CIR

1in - 1

2in - 6

3in = 10

ME- 2.266

ME- 1.342

ME- 2.345

CENTROID *

TO PERN #

THREE PATTERNS OF

10

9

8

MEAN

1.093

.962

.778

MEAN

-1.173

-1.023

-.902

MEAN

.593

.571

.619

MEAN

-.749

-.771

-.723

MEAN

-.339

-.208

-.329

MEAN

-.132

-.100

-.143

MEAN

.360

.231

.360

MEAN

.449

.369

.426

MEAN

.804

.775

.750

MEAN

1.190

1.266

1.142

MEAN

2.366

1.985

1.680

MEAN

1.342

1.342

1.342

MEAN

2.345

2.281

1.913

MEAN

1

6

10

MEAN

10

10

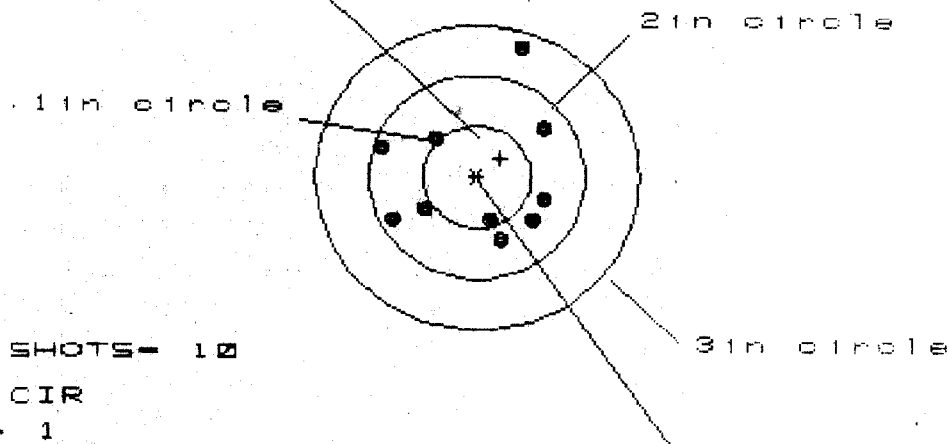
10

1 Aug 1981

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CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 9

3in = 10

HS= 1.544

VS= 1.844

GS= 2.077

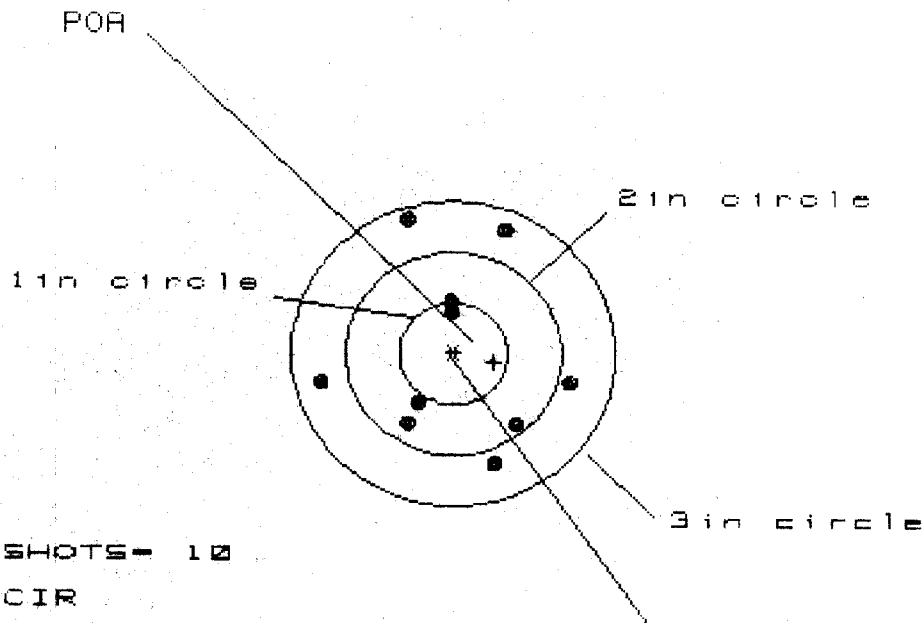
CENTROID *

PATTERN #	:			
SHOTS - BEST OF	:	10	9	8
MAXIMUM X	:	.653	.700	.594
MINIMUM X	:	-.891	-.844	-.821
MAXIMUM Y	:	1.247	.599	.655
MINIMUM Y	:	-.597	-.459	-.403
CEXTRD	:	-.216	-.263	-.157
CYTRD	:	-.184	-.322	-.378
CEXTRD/CEXTRD	:	.284	.416	.409
CYTRD/CYTRD	:	.415	.295	.215
CEXTRD/CEXTRD	:	.735	.644	.584
CYTRD/CYTRD	:	1.316	.954	.872
CEXTRD/CEXTRD	:	1.544	1.544	1.415
CYTRD/CYTRD	:	1.844	1.058	1.058
CEXTRD/CEXTRD	:	2.077	1.673	1.673
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Aug 1931

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.294

VS= 2.449

GS= 2.580

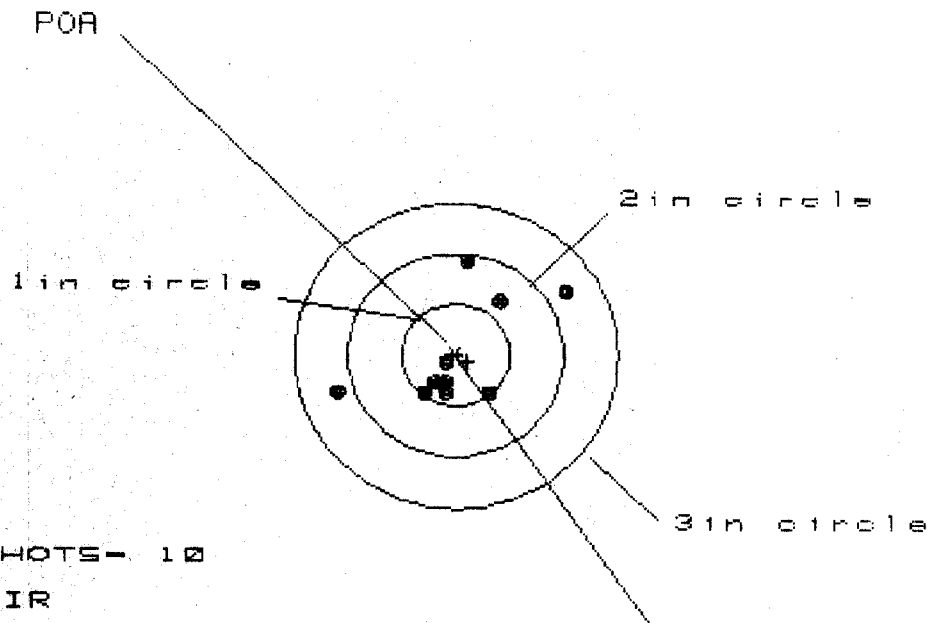
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.059	1.010	1.062
MINIMUM X	:	-1.235	-1.284	-1.232
MAXIMUM Y	:	1.356	1.382	.870
MINIMUM Y	:	-1.093	-.942	-.769
CENTROID X	:	-.377	-.328	-.380
CENTROID Y	:	.079	-.072	-.245
FOR TO CENTROID (X)	:	.385	.336	.452
FOR RADIUS	:	.453	.522	.383
FOR RADIUS	:	.960	.897	.804
FOR RADIUS	:	1.426	1.444	1.232
HORIZONTAL SPREAD	:	2.294	2.294	2.294
VERTICAL SPREAD	:	2.449	2.324	1.639
EXTREME SPREAD	:	2.580	2.326	2.294
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

1 Aug 1991

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CENTERFIRE PATTERNS # 4



* OF SHOTS - 10

IN CIR

1in = 5

2in = 8

3in = 10

HS = 2.097

VS = 1.290

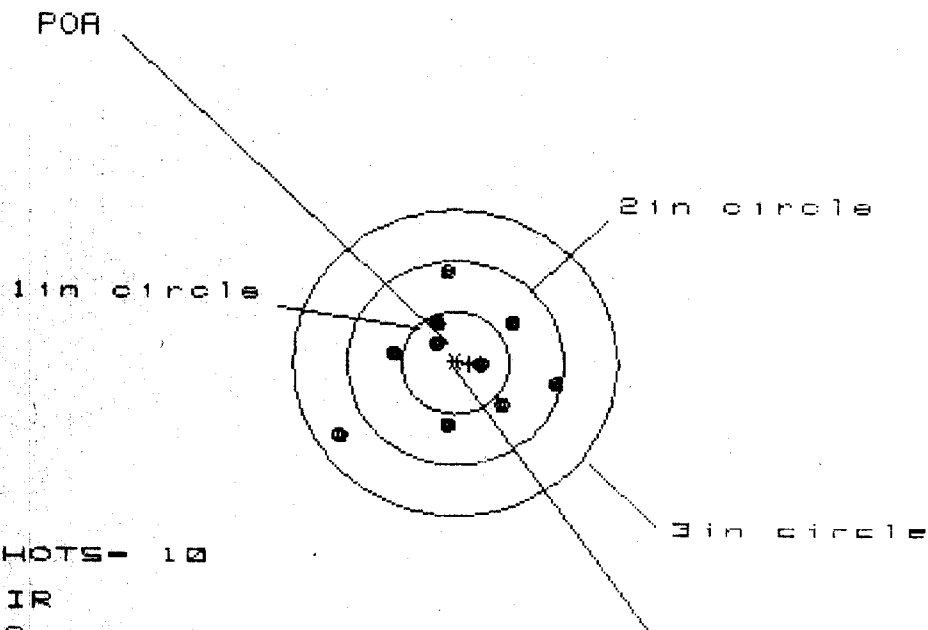
GS = 2.289

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.022	.536	.416
MINIMUM X	:	-1.075	-.961	-.291
MAXIMUM Y	:	.886	.951	.917
MINIMUM Y	:	-.404	-.339	-.273
CENTROID X	:	-.105	-.219	-.099
CENTROID Y	:	.067	.002	.036
POA TO CENTROID	:	.125	.219	.105
1IN RADIUS	:	.140	.040	.143
2IN RADIUS	:	.605	.501	.460
3IN RADIUS	:	1.178	.998	.921
HORIZONTAL SPREAD	:	2.097	1.497	.707
VERTICAL SPREAD	:	1.290	1.290	1.290
EXTREME SPREAD	:	2.289	1.752	1.339
NUMBER IN ONE INCH CIRCLE	=	5		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

1 Aug 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10
 # IN CIR
 1 IN 10
 2 IN 10
 3 IN 10
 MW 1.073
 VS 1.626
 GS 2.030

CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.897	.777	.514
MINIMUM X	:	-1.076	-.717	-.620
MAXIMUM Y	:	.912	.832	.793
MINIMUM Y	:	-.714	-.690	-.729
CENTROID X	:	.132	-.012	-.109
CENTROID Y	:	.007	.087	.126
POA TO CENTROID (in)	:	.132	.087	.167
1IN RADIUS	:	.255	.172	.188
MEAN RADIUS	:	.646	.557	.514
MAX RADIUS	:	1.292	.851	.797
HORIZONTAL SPREAD	:	1.973	1.494	1.134
VERTICAL SPREAD	:	1.826	1.522	1.522
EXTREME SPREAD	:	3.000	1.526	1.522
NUMBER IN ONE INCH CIRCLE	:		3	
NUMBER IN TWO INCH CIRCLE	:		9	
NUMBER IN THREE INCH CIRCLE	:		10	