

C6636232

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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

MODEL 700™ M24

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

20

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

SERIAL NO.
C6636232

ORDER NO.
5715

5715 C6636232

UPC

0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6636232

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/91	KE
600	Proof		6/24/91	KE
607	Check Headspace		6/24/91	KE
610	Dis-assemble Gun		6/24/91	KE
612	Magnaflux Barrel Action	.1111	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	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. #	BARBER M24 0032011 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5 1/2	5 3/4			7-31-91	DH
	G) Safety Off Force	4	4	4			7-31-91	DH
	H) Trigger Pull Test & Retainability						7-31-91	SH
	I) Firing Pin Indent	.020	.021	.022			7-31-91	DH
	J) Assemble Stock						7/31/91	KS
	K) Assemble Swivel Studs						8-6-91	AC
	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	N
	A) Time						"	N
	B) Malfunctions						"	N
	C) Pierced Primers						"	N
	D) Optical Clarity of Scope						"	N
645	Inspect for Live Ammo						8-1-91	N
655	Final Inspection							
	A) Headspace						8-6-91	AC
	B) Trigger Pull	2.23	2.27	2.30	2.30	2.38	8-5-91	JRC
	C) Function						8-6-91	AC
660	Pack						9-19-91	N

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

SERIAL NO. C6636232DATE 7-31-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.47	2.50	2.23	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.46	2.44	2.27	
PULL #3	2.34	2.44	2.49	2.30	
PULL #4	2.40	2.42	2.47	2.30	
PULL #5	2.41	2.49	2.40	2.38	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.33		
PULL #2	3.46	3.40		
PULL #3	3.35	3.32		
PULL #4	3.37	3.38		
PULL #5	3.39	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.53	4.47		4.50
PULL #2	4.55	4.60		4.66
PULL #3	4.47	4.51		4.54
PULL #4	4.44	4.48		4.55
PULL #5	4.46	4.50		4.67
TOTAL				
AVG.				

LINE OF SIGHT DISTANCE CALCULATIONS
RIFLE # 06636232
Aug 1991

CENTROIDAL DISTANCES

1 TO 1	.10538
1 TO 2	.273408
1 TO 3	.0501597
1 TO 4	.351729
1 TO 5	.113846

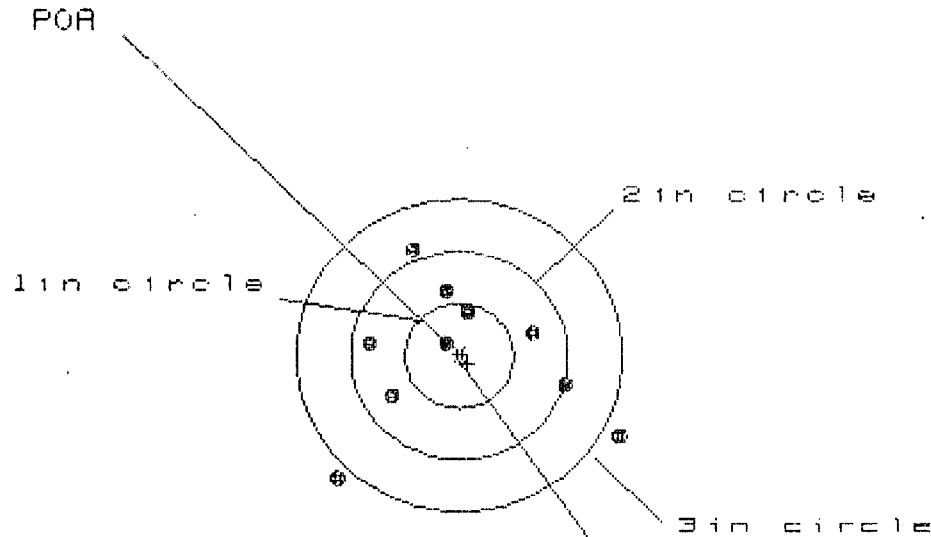
4.4 <----POR

LINE OF SIGHT COORDINATE FOR THIS RIFLE IS: -.0564
LINE OF SIGHT COORDINATE FOR THIS RIFLE IS: .041
LINE OF SIGHT RANGE POINT RADIUS FOR THIS RIFLE IS: .0697278
LINE OF SIGHT RANGE POINT RADIUS FOR THIS RIFLE IS: 1.008

0031

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.545

VS= 2.246

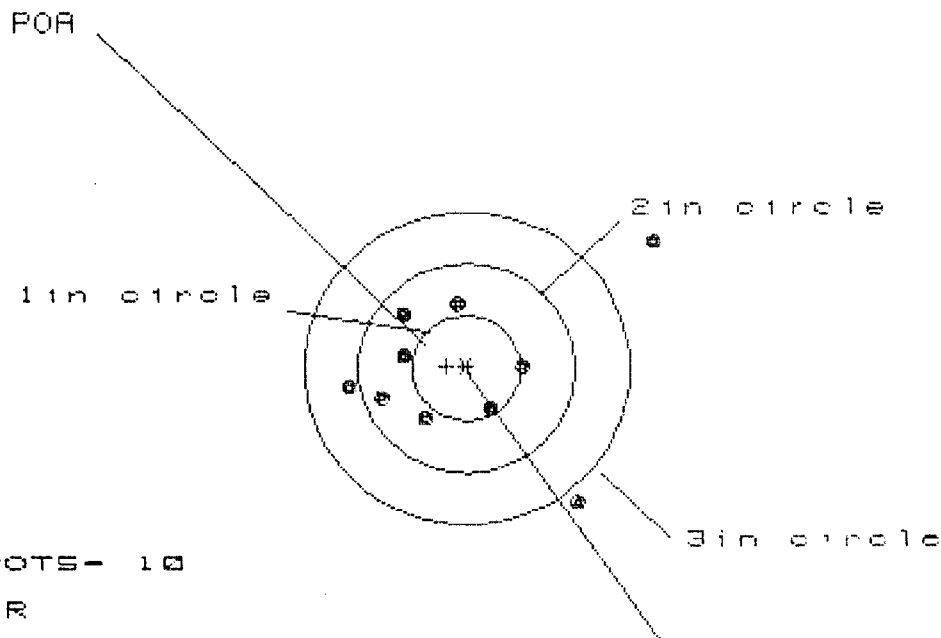
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PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.432	1.309	.964
MINIMUM X	-1.113	-.932	-.769
MAXIMUM Y	1.034	.899	.791
MINIMUM Y	-1.212	-.866	-.629
CENTROID X	-.073	.050	-.113
CENTROID Y	.076	.211	.319
POA TO CENTROID in.	.106	.217	.339
MIN RADIUS	.202	.268	.149
MEAN RADIUS	.880	.772	.625
MAX RADIUS	1.645	1.569	1.074
HORIZONTAL SPREAD	2.545	2.241	1.733
VERTICAL SPREAD	2.246	1.765	1.420
EXTREME SPREAD	2.590	2.535	1.821
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

1 Aug 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS = 2.860

VS = 2.523

GS = 3.199

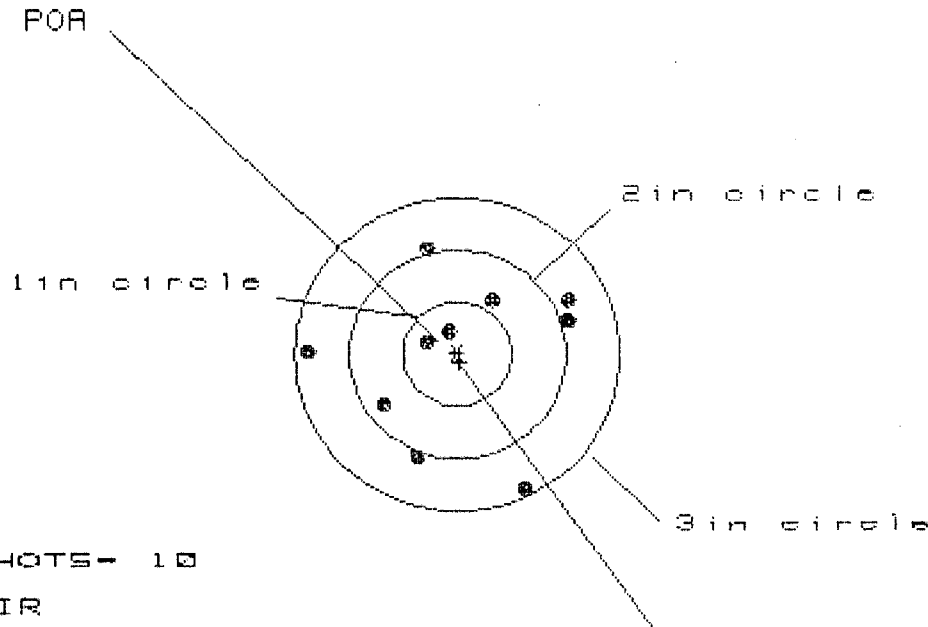
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.762	1.218	.854
MINIMUM X	-1.098	-.902	-.750
MAXIMUM Y	1.253	.790	.648
MINIMUM Y	-1.270	-1.130	-.505
CENTROID X	.183	-.013	-.165
CENTROID Y	-.020	-.160	-.018
POA TO CENTROID in.	.184	.160	.166
MIN RADIUS	.394	.426	.280
MEAN RADIUS	.933	.757	.609
MAX RADIUS	2.162	1.661	.854
HORIZONTAL SPREAD	2.860	2.120	1.604
VERTICAL SPREAD	2.523	1.920	1.153
EXTREME SPREAD	3.199	2.385	1.618
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.414

VS= 2.274

GS= 2.452

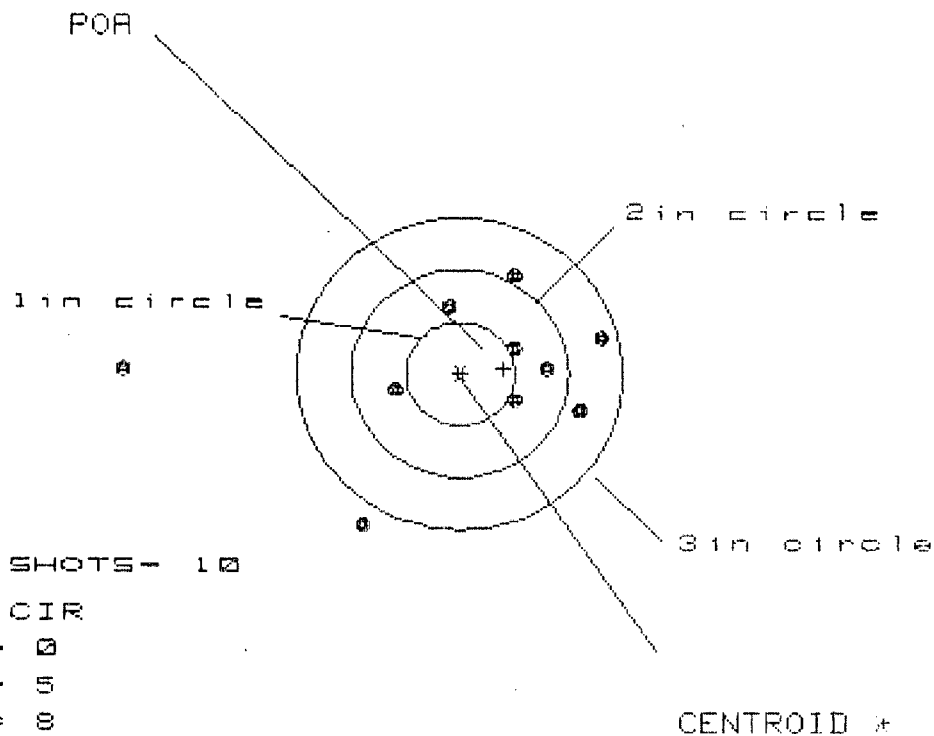
CENTROID #

PATTERN #	:	534		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.060	1.129	.968
MINIMUM X	:	-1.354	-1.285	-.775
MAXIMUM Y	:	.978	.834	.825
MINIMUM Y	:	-1.296	-1.074	-1.083
CENTROID X	:	-.023	-.092	.068
CENTROID Y	:	.080	.224	.233
POA TO CENTROID in.	:	.083	.242	.243
MIN RADIUS	:	.232	.095	.144
MEAN RADIUS	:	.901	.807	.750
MAX RADIUS	:	1.438	1.287	1.166
HORIZONTAL SPREAD	:	2.414	2.414	1.744
VERTICAL SPREAD	:	2.274	1.908	1.908
EXTREME SPREAD	:	2.452	2.438	2.009
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 4.443

VS = 2.314

GS = 4.458

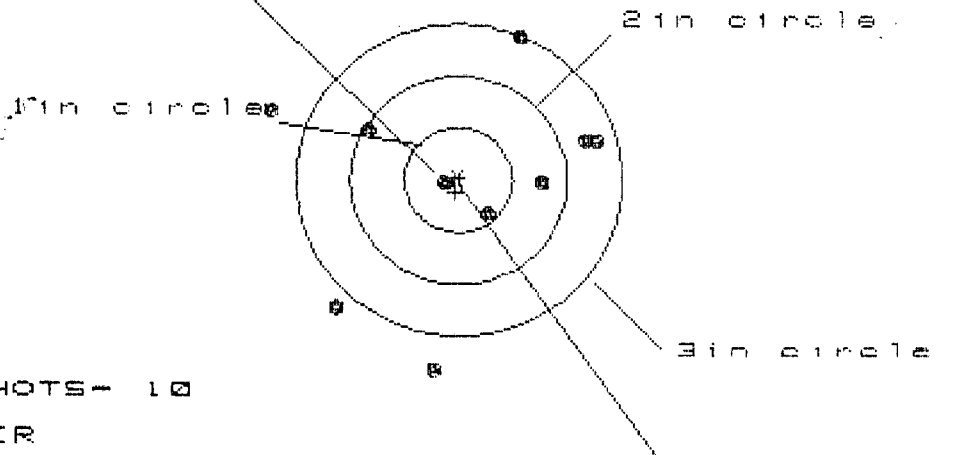
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.328	.982	.829
MINIMUM X	:	-3.115	-1.218	-1.131
MAXIMUM Y	:	.915	.916	.742
MINIMUM Y	:	-1.399	-1.398	-.564
CENTROID X	:	-.401	-.055	.098
CENTROID Y	:	-.051	-.052	.122
POA TO CENTROID in.	:	.404	.076	.157
MIN RADIUS	:	.515	.242	.041
MEAN RADIUS	:	1.154	.827	.644
MAX RADIUS	:	3.115	1.854	1.183
HORIZONTAL SPREAD	:	4.443	2.200	1.960
VERTICAL SPREAD	:	2.314	2.314	1.306
EXTREME SPREAD	:	4.458	2.824	2.034
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 6

HS = 3.014

VS = 3.230

GS = 3.330

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.280	1.088	1.034
MINIMUM X	:	-1.734	-1.333	-1.387
MAXIMUM Y	:	1.394	1.469	1.249
MINIMUM Y	:	-1.836	-1.761	-1.329
CENTROID X	:	.032	.224	.278
CENTROID Y	:	.120	.045	.265
POA TO CENTROID in.	:	.124	.229	.384
MIN RADIUS	:	.111	.218	.396
MEAN RADIUS	:	1.174	1.075	.978
MAX RADIUS	:	1.860	1.812	1.921
HORIZONTAL SPREAD	:	3.014	2.421	2.421
VERTICAL SPREAD	:	3.230	3.230	2.578
EXTREME SPREAD	:	3.330	3.330	3.097
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	6		