

C6649254

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington
 MODEL 700TH M24

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

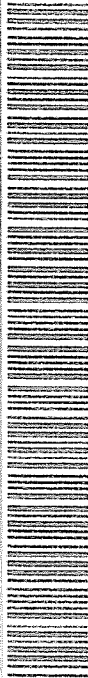
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
 C6649254

ORDER NO.
 5716

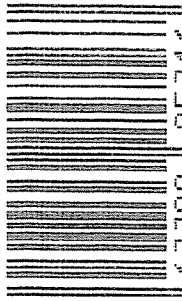
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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5716 C6649254

UPC



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CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649254

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27	9 1	AW
600	Proof	6 27	9 1	AW
607	Check Headspace	6 27	9 1	AW
610	Dis-assemble Gun	6 27	9 1	AW
612	Magnaflux Barrel Action	JUL	2 1991	KR
	Magnaflux Bolt	JUL	2 1991	KR
615	Rollmark Caliber	JUL	2 1991	28.
617	Drill and Tap Sight Holes	JUL	2 1991	EB
618	Polish Barrel	JUL	1 7 1991	WB
620	Apply Coatings (Barrel Action)		7-22-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	RW
	C) Inspect Ejector Hole for Chamfer		7/23/91	RW
	D) Oil Firing Pin Ass'y		7/23/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7-26-91	JH

op. #	BARBER - M24 0066984 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			7-26-91	DH
	G) Safety Off Force	3	3	3			7-26-91	DH
	H) Trigger Pull Test & Retainability						7-26-91	JH
	I) Firing Pin Indent	.020	.020	.020			7-26-91	DH
	J) Assemble Stock						7/29/91	Rw
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						7/29/91	Rw
	M) Iron Sight Alignment						7/29/91	Rw
	N) Detach Front & Rear Sights & place in numbered container						7/29/91	Rw
	O) Attach Scope to Rifle						7/29/91	Rw
	P) Detach & Attach Scope 20 Times						7/29/91	Rw
640	Gallery Target & Test						7/29/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						7/29/91	KT
655	Final Inspection							
	A) Headspace						8-6-91	AC
	B) Trigger Pull	2.41	2.22	2.25	2.30	2.50	8-5-91	JH
	C) Function						8-6-91	AC
660	Pack						9-19-91	VF

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

SERIAL NO. 66649254DATE 7-26-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.33	2.30	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.19	2.25	2.22	
PULL #3	2.37	2.23	2.20	2.25	
PULL #4	2.28	2.35	2.36	2.30	
PULL #5	2.32	2.20	2.30	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.71		
PULL #2	3.36	3.45		
PULL #3	3.52	3.73		
PULL #4	3.59	3.77		
PULL #5	3.39	3.48		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.20		4.57
PULL #2	4.54	4.58		4.53
PULL #3	4.52	4.60		4.60
PULL #4	4.51	4.55		4.55
PULL #5	4.33	4.18		4.58
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649254
29 Jul 1991

CENTROIDAL DISTANCES

0 TO	1	.0970979
1 TO	2	.260409
1 TO	3	.264123
1 TO	4	.0955092
1 TO	5	.379684

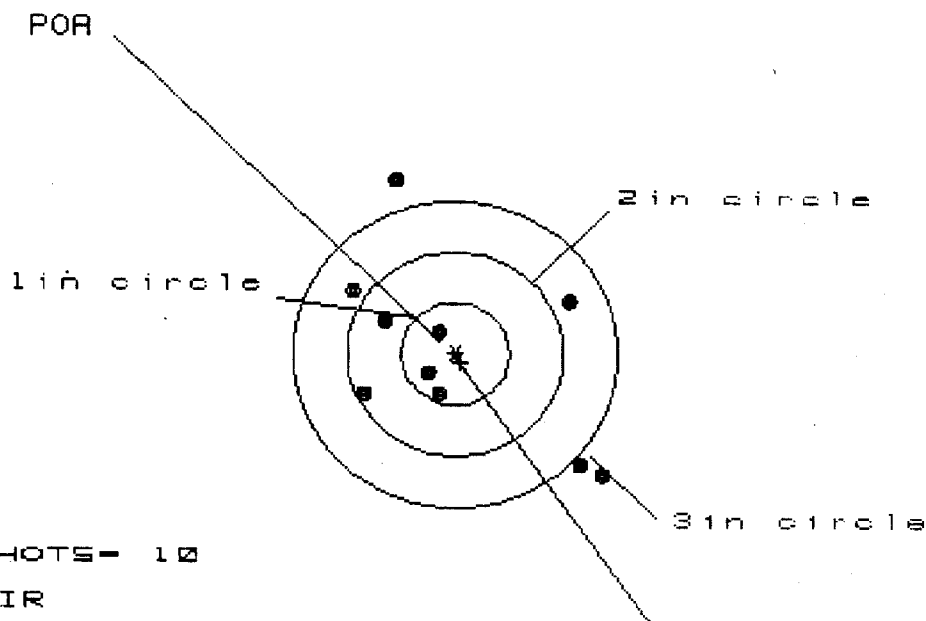
st <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1574
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0694
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .172021
THE AMR FOR THIS RIFLE IS: 1.063

29 Jul 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

CENTROID *

HS = 2.345

VS = 2.887

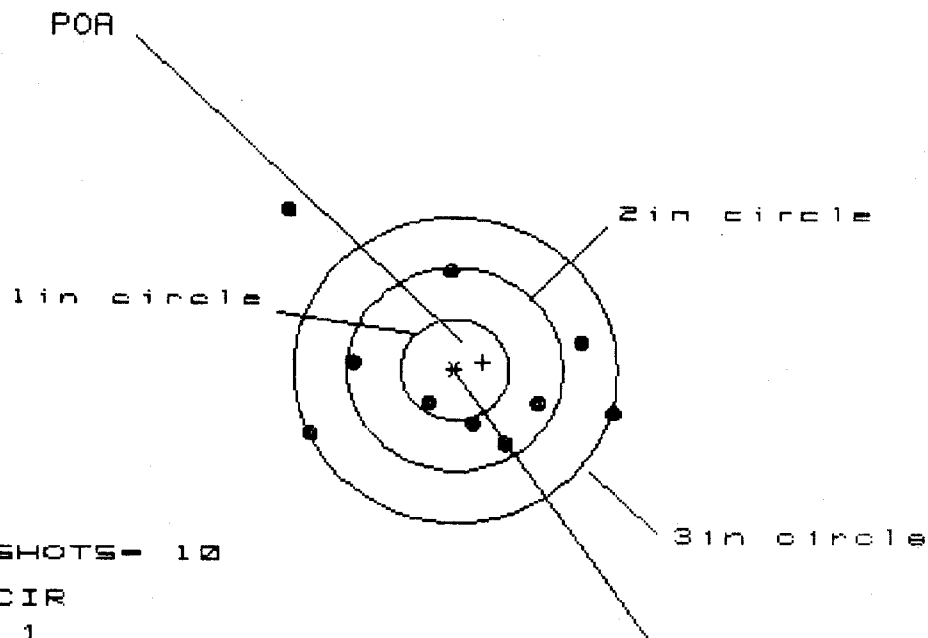
GS = 3.480

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.374	1.312	1.260
MINIMUM X	-.971	-.818	-.870
MAXIMUM Y	1.669	1.534	.682
MINIMUM Y	-1.218	-1.184	-.992
CENTROID X	-.052	-.205	-.153
CENTROID Y	.082	.218	.026
POA TO CENTROID in.	.098	.299	.155
MIN RADIUS	.208	.056	.206
MEAN RADIUS	1.008	.879	.780
MAX RADIUS	1.836	1.767	1.604
HORIZONTAL SPREAD	2.345	2.130	2.130
VERTICAL SPREAD	2.887	2.718	1.674
EXTREME SPREAD	3.480	3.221	2.709
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 3.037

VS = 2.213

GS = 3.595

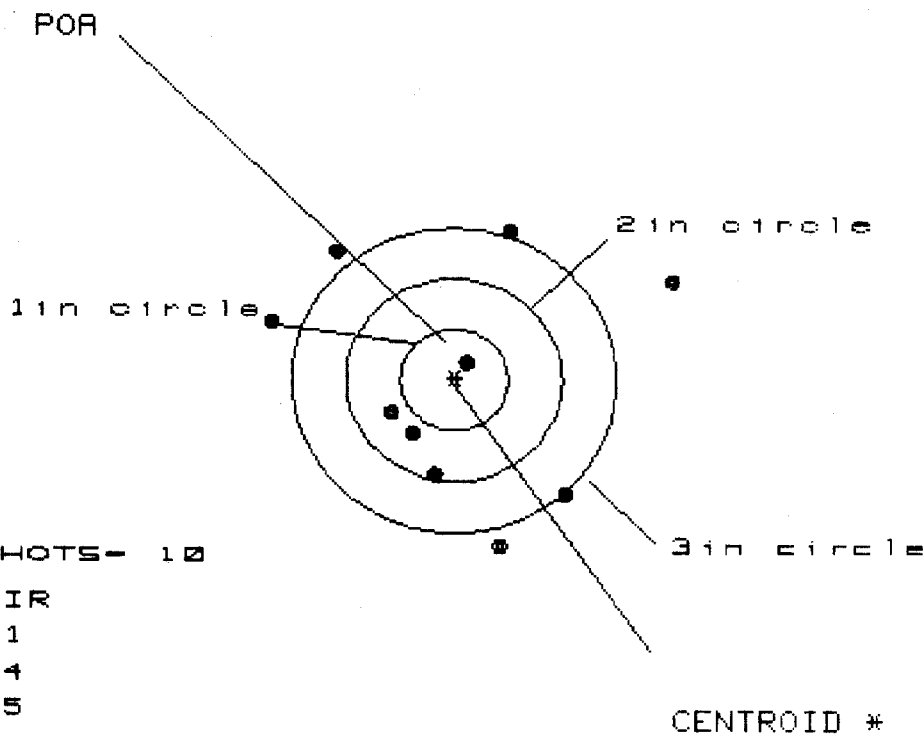
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.469	1.295	1.182
MINIMUM X	-1.568	-1.536	-1.375
MAXIMUM Y	1.527	1.145	1.117
MINIMUM Y	-.686	-.517	-.545
CENTROID X	-.259	-.085	-.246
CENTROID Y	-.076	-.245	-.217
POA TO CENTROID in.	.270	.259	.328
MIN RADIUS	.340	.350	.247
MEAN RADIUS	1.086	.914	.863
MAX RADIUS	2.189	1.600	1.454
HORIZONTAL SPREAD	3.037	2.831	2.557
VERTICAL SPREAD	2.213	1.662	1.662
EXTREME SPREAD	3.595	2.840	2.694
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 3



PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.046	1.234	1.049
MINIMUM X	:	-1.706	-1.478	-1.027
MAXIMUM Y	:	1.514	1.626	1.706
MINIMUM Y	:	-1.634	-1.522	-1.442
CENTROID X	:	-.117	-.344	-.159
CENTROID Y	:	-.174	-.286	-.366
POR TO CENTROID in.	:	.209	.448	.399
MIN RADIUS	:	.212	.430	.407
MEAN RADIUS	:	1.302	1.153	1.092
MAX RADIUS	:	2.283	1.792	1.798
HORIZONTAL SPREAD	:	3.752	2.712	2.076
VERTICAL SPREAD	:	3.148	3.148	3.148
EXTREME SPREAD	:	3.783	3.222	3.222
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	5		

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CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 4

2 in = 6

3 in = 10

HS = 2.455

VS = 2.120

GS = 2.531

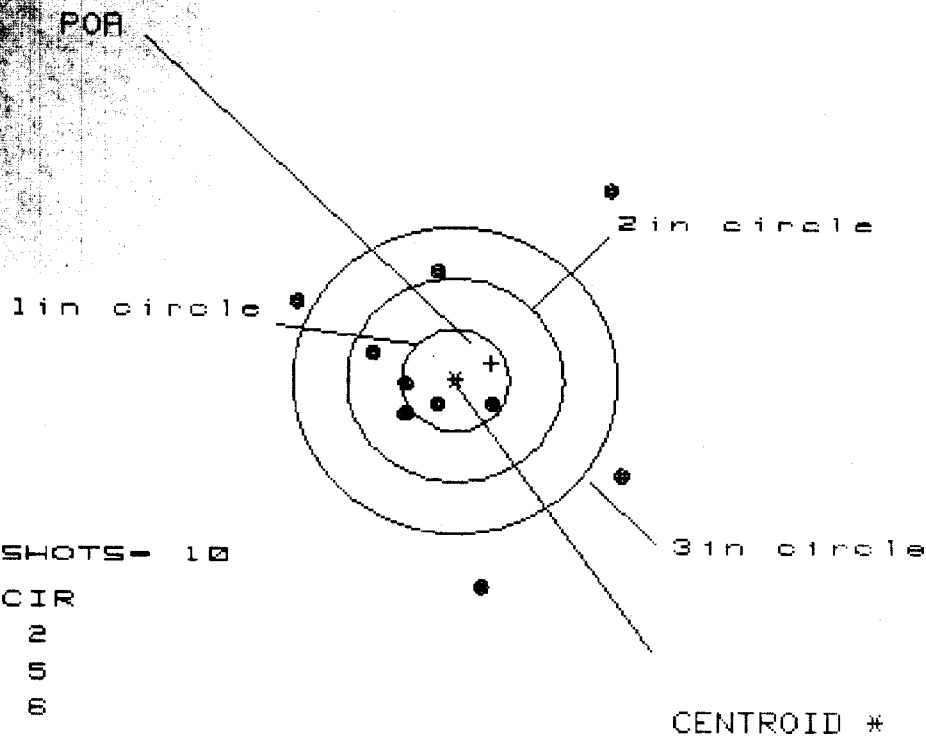
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.316	1.190	.613
MINIMUM X	:	-1.139	-1.031	-.883
MAXIMUM Y	:	1.155	1.047	.990
MINIMUM Y	:	-.965	-.624	-.681
CENTROID X	:	-.023	.103	-.045
CENTROID Y	:	-.009	.099	.156
POA TO CENTROID in.	:	.025	.143	.162
MIN RADIUS	:	.235	.266	.313
MEAN RADIUS	:	.773	.692	.627
MAX RADIUS	:	1.493	1.275	1.048
HORIZONTAL SPREAD	:	2.455	2.221	1.496
VERTICAL SPREAD	:	2.120	1.671	1.671
EXTREME SPREAD	:	2.531	2.469	1.700
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS = 2.985

VS = 3.889

GS = 4.080

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.537	1.700	1.748
MINIMUM X	:	-1.448	-1.285	-1.237
MAXIMUM Y	:	1.826	1.223	.991
MINIMUM Y	:	-2.063	-1.860	-.969
CENTROID X	:	-.336	-.499	-.547
CENTROID Y	:	-.170	-.373	-.141
POA TO CENTROID in.	:	.377	.623	.565
MIN RADIUS	:	.297	.045	.243
MEAN RADIUS	:	1.147	.951	.828
MAX RADIUS	:	2.338	1.900	1.999
HORIZONTAL SPREAD	:	2.985	2.985	2.985
VERTICAL SPREAD	:	3.889	3.083	1.960
EXTREME SPREAD	:	4.080	3.423	3.423
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	6		