

C6636055

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.

MODEL 700TM M24

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

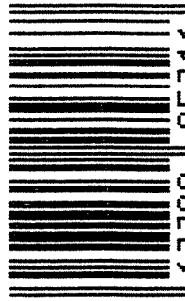
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO. C6636055	ORDER NO. 5716
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5716 C6636055

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6636055

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	5/1/91	KS
600	Proof		5/1/91	KS
607	Check Headspace		5/1/91	KS
610	Dis-assemble Gun		5/1/91	KS
612	Magnaflux Barrel Action	5 8	9 1	KCR
	Magnaflux Bolt	5 8	9 1	KCR
615	Rollmark Caliber	5 8	9 1	GB
617	Drill and Tap Sight Holes	5 15	9 1	LB
618	Polish Barrel	5 15	9 1	WB
620	Apply Coatings (Barrel Action)		5-21-91	JH
	Apply Coating (Bolt)		5-21-91	
625	Final Assembly			
	A) Clean inside of Bolt Assembly		6-6-91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6-6-91	KS
	C) Inspect Ejector Hole for Chamfer		6-6-91	KS
	D) Oil Firing Pin Ass'y		6-6-91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6-7-91	JS

op.	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			6-7-91	JK
	G) Safety Off Force	3	3	3			6-7-91	JK
	H) Trigger Pull Test & Retainability						6-7-91	JK
	I) Firing Pin Indent	.0225	.0225	.0225			6-7-91	JK
	J) Assemble Stock						6-7-91	KS
	K) Assemble Swivel Studs						6-13-91	AC
	L) Attach Front and Rear Sight Assemblies						6-7-91	KS
	M) Iron Sight Alignment						6-7-91	KS
	N) Detach Front & Rear Sights & place in numbered container						6-7-91	KS
	O) Attach Scope to Rifle						6-7-91	KS
	P) Detach & Attach Scope 20 Times						6-7-91	KS
640	Gallery Target & Test						6/10/91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						6/10/91	KT
655	Final Inspection							
	A) Headspace						6-13-91	AC
	B) Trigger Pull	2.48	2.46	2.47	2.47	2.47	6-13-91	JK
	C) Function						6-13-91	AC
660	Pack						6-19-91	AC

SWS TRIGGER PULL TEST

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

SERIAL NO. C6636055DATE 6-7-91TESTER JRP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.62	2.23	2.51	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.52	2.55	2.46	
PULL #3	2.46	2.49	2.49	2.47	
PULL #4	2.41	2.35	2.38	2.47	
PULL #5	2.42	2.49	2.44	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.35		
PULL #2	3.26	3.27		
PULL #3	3.18	3.38		
PULL #4	3.27	3.34		
PULL #5	3.20	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.18		4.48
PULL #2	4.20	4.54		4.49
PULL #3	4.50	4.53		4.30
PULL #4	4.35	4.53		4.33
PULL #5	4.44	4.48		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06336055
11 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.217745
1 TO	2	.38746
1 TO	3	.253308
1 TO	4	.246812
1 TO	5	.20412

 ----FOA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0000
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0700
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .10743
THE AMR FOR THIS RIFLE IS: 1.014

18 Jun 1981

FILE:/PATTERNING/CENTERFIRE_PATT/08639055

CENTERFIRE PATTERNS # 1

POB

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 3.082

VS = 4.034

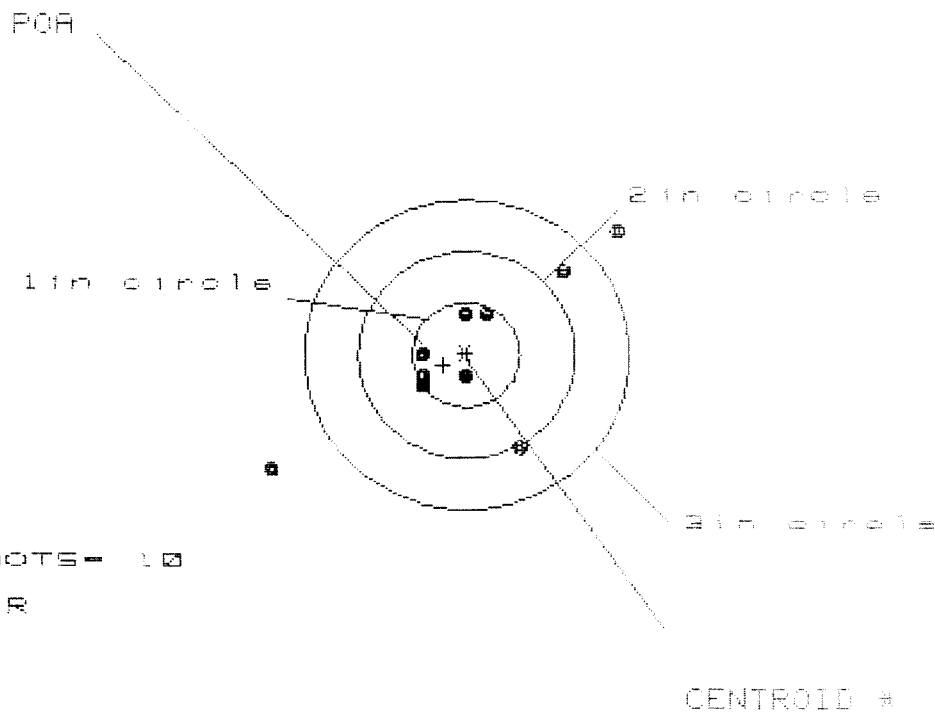
GS = 5.077

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.357	1.165	.828
MINIMUM X	-1.725	-1.202	-1.056
MAXIMUM Y	1.895	.887	.646
MINIMUM Y	-2.139	-1.928	-1.212
CENTROID X	-.018	.174	.020
CENTROID Y	-.217	-.428	-.187
POB TO CENTROID in.	.218	.462	.189
MIN RADIUS	.422	.459	.391
MEAN RADIUS	1.177	1.030	.827
MAX RADIUS	2.563	2.253	1.310
HORIZONTAL SPREAD	3.082	2.367	1.884
VERTICAL SPREAD	4.034	2.815	1.858
EXTREME SPREAD	5.077	3.678	2.421
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

18 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636055

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 6

2in = 6

3in = 8

HS= 2.229

VS= 2.275

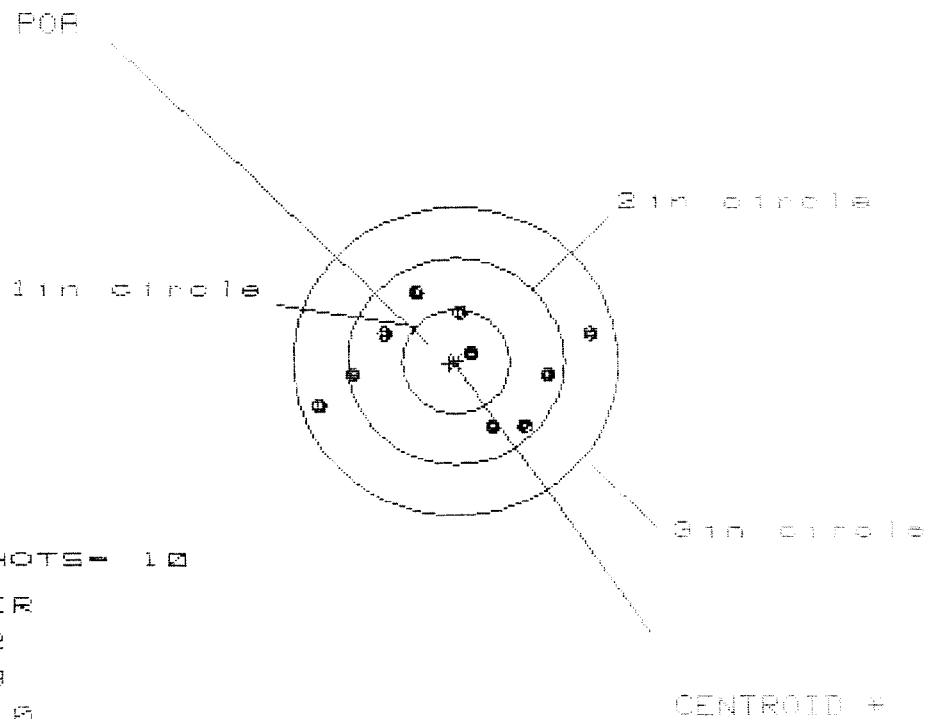
GS= 3.950

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.410	1.208	.851
MINIMUM X	:	-1.819	-.609	-.458
MAXIMUM Y	:	1.171	1.048	.843
MINIMUM Y	:	-1.104	-1.059	-.928
CENTROID X	:	.209	.411	.260
CENTROID Y	:	.097	.220	.089
POA TO CENTROID in.	:	.230	.466	.274
MIN RADIUS	:	.233	.250	.235
MEAN RADIUS	:	.864	.748	.593
MAX RADIUS	:	2.128	1.599	1.198
HORIZONTAL SPREAD	:	3.229	1.817	1.309
VERTICAL SPREAD	:	2.275	2.107	1.771
EXTREME SPREAD	:	3.950	2.308	1.821
NUMBER IN ONE INCH CIRCLE =			6	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

18 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08836055

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 2.427

VS= 1.371

GS= 2.528

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.204	1.068	.873
MINIMUM X	-1.223	-1.089	-.955
MAXIMUM Y	.709	.666	.700
MINIMUM Y	-.662	-.705	-.671
CENTROID X	.060	.196	.062
CENTROID Y	.024	.067	.033
POA TO CENTROID in.	.064	.207	.070
MIN RADIUS	.159	.087	.150
MEAN RADIUS	.810	.738	.695
MAX RADIUS	1.284	1.103	.963
HORIZONTAL SPREAD	2.427	2.157	1.836
VERTICAL SPREAD	1.371	1.371	1.371
EXTREME SPREAD	2.528	2.198	1.928
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/06835055

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.743

VS= 2.569

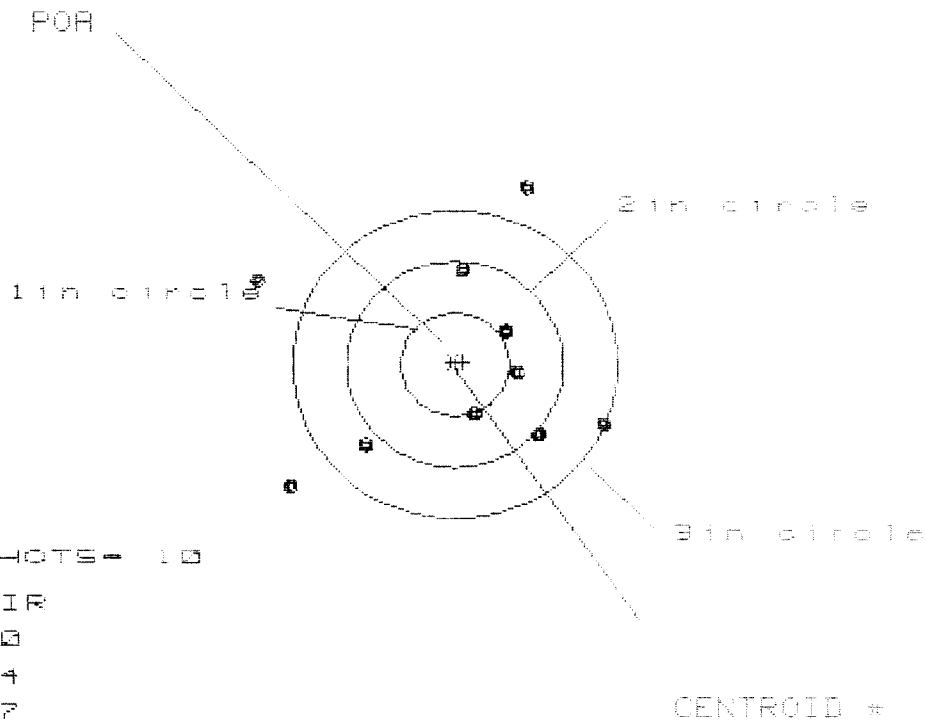
GS= 3.157

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.472	.813	.674
MINIMUM X	:	-1.271	-1.107	-.538
MAXIMUM Y	:	1.249	1.120	.939
MINIMUM Y	:	-1.320	-1.449	-1.227
CENTROID X	:	.228	.064	.202
CENTROID Y	:	-.237	-.107	.074
POA TO CENTROID in.	:	.328	.125	.216
MIN RADIUS	:	.292	.197	.031
MEAN RADIUS	:	1.021	.881	.723
MAX RADIUS	:	1.877	1.923	1.286
HORIZONTAL SPREAD	:	2.743	1.920	1.213
VERTICAL SPREAD	:	2.569	2.569	2.166
EXTREME SPREAD	:	3.157	2.948	2.355
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8838055

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS = 3.220

VS = 2.898

GS = 3.615

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.376	1.172	.959
MINIMUM X	-1.844	-1.699	-1.226
MAXIMUM Y	1.707	1.796	1.659
MINIMUM Y	-1.191	-1.102	-.820
CENTROID X	-.075	.129	.342
CENTROID Y	-.021	-.110	.027
POA TO CENTROID in.	.078	.170	.342
MIN RADIUS	.527	.349	.217
MEAN RADIUS	1.198	1.050	.888
MAX RADIUS	2.013	2.025	1.677
HORIZONTAL SPREAD	3.220	2.871	2.185
VERTICAL SPREAD	2.898	2.898	2.479
EXTREME SPREAD	3.615	3.615	2.885
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		