

C661139Z

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington




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

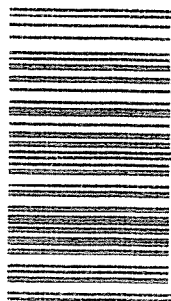
MODEL 700™ M24

SERIAL NO.
C6611392

ORDER NO.
5716

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

UPC



0 47700 25716 7



5716 C6611392

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611392

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25 91		RW
600	Proof	1 25 91		RW
607	Check Headspace	1 25 91		RW
610	Dis-assemble Gun	1 25 91		RW
612	Magnaflux Barrel Action	1 25 91		KR
	Magnaflux Bolt	1 25 91		KR
615	Rollmark Caliber	1 25 91		JS
617	Drill and Tap Sight Holes	1 30 91		FB
618	Polish Barrel <i>WBB</i>	1 30 91		WBB
620	Apply Coatings (Barrel Action)		2-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/11/91	ML

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2/12/91	WB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			2/12/91	WB
	H) Trigger Pull Test & Retainability						2/11/91	SY
	I) Firing Pin Indent	.023	.022	.0225			2/12/91	WB
	J) Assemble Stock						2/12/91	RW
	K) Assemble Swivel Studs						2-21-91	AC
	L) Attach Front and Rear Sight Assemblies						2/12/91	RW
	M) Iron Sight Alignment						2/12/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/12/91	RW
	O) Attach Scope to Rifle						2/12/91	RW
	P) Detach & Attach Scope 20 Times						2/12/91	RW
640	Gallery Target & Test						2-12-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						2-12-91	NF
655	Final Inspection							
	A) Headspace						2-22-91	K
	B) Trigger Pull	2.40	2.32	2.43	2.33	2.36	2/19/91	WB
	C) Function						2-22-91	K
660	Pack						3-14-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611392

DATE 2/11/94

TESTER JOL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.41	2.33	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.24	2.19	2.32	
PULL #3	2.24	2.50	2.40	2.43	
PULL #4	2.38	2.24	2.22	2.33	
PULL #5	2.37	2.32	2.47	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.39		
PULL #2	3.35	3.37		
PULL #3	3.23	3.29		
PULL #4	3.26	3.40		
PULL #5	3.40	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.28		4.40
PULL #2	4.26	4.41		4.33
PULL #3	4.28	4.43		4.39
PULL #4	4.15	4.22		4.27
PULL #5	4.40	4.14		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611392
13 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.324777
1 TO	2	.0772334
1 TO	3	.427731
1 TO	4	.249552
1 TO	5	.430256

9/3 <----POA

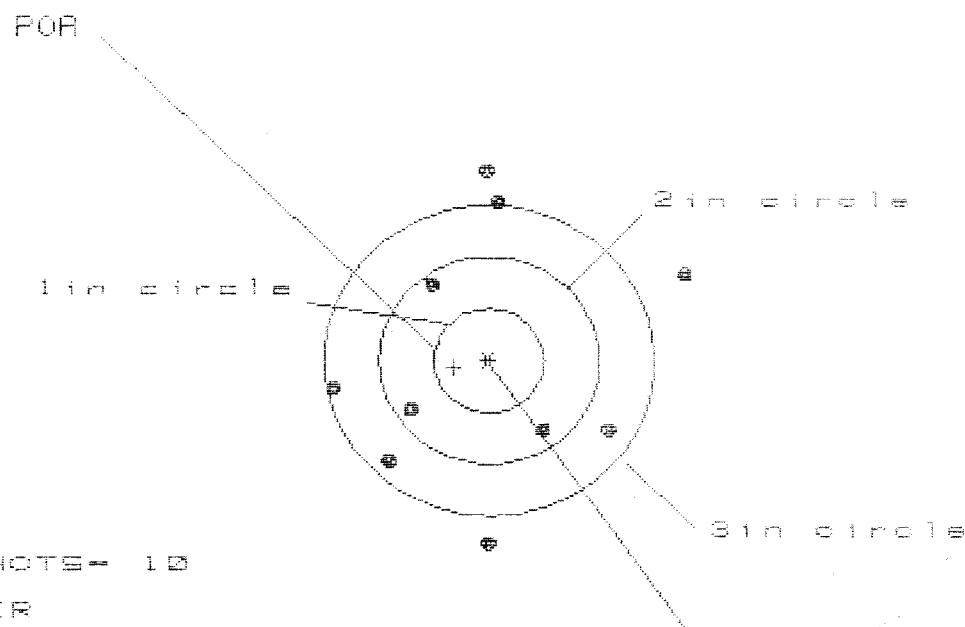
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0906
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .112
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .144057
THE AMF FOR THIS RIFLE IS: 1.08

VERTICAL SPREAD :	2.614	2.563	2.690
EXTREME SPREAD :	2.646	2.646	2.345
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

13 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CGB11392

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 3.173

VS= 3.598

GS= 3.598

CENTROID #

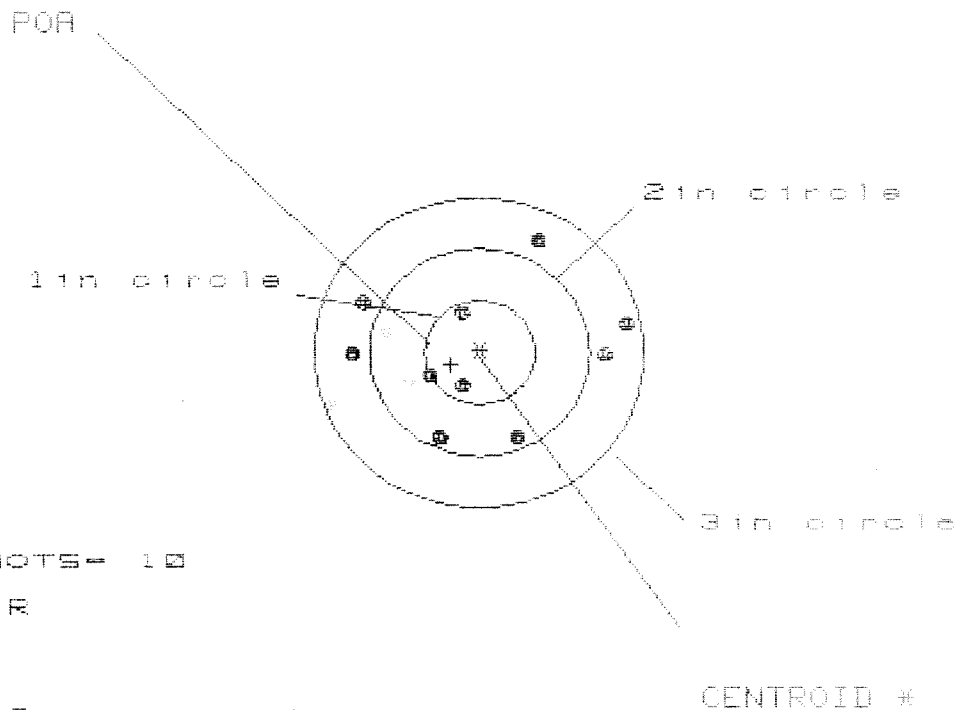
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.804	1.277	1.302
MINIMUM X	:	-1.369	-1.169	-1.144
MAXIMUM Y	:	1.802	1.890	1.817
MINIMUM Y	:	-1.796	-1.708	-1.472
CENTROID X	:	.318	.118	.093
CENTROID Y	:	.066	-.022	-.258
POR TO CENTROID in.	:	.325	.120	.274

MIN RADIUS	:	.832	.651	.536
MEAN RADIUS	:	1.367	1.267	1.151
MAX RADIUS	:	1.969	1.988	1.851
HORIZONTAL SPREAD	:	3.173	2.446	2.446
VERTICAL SPREAD	:	3.598	3.598	3.289
EXTREME SPREAD	:	3.598	3.598	3.291
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

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FILE: PATTERNING/CENTERFIRE_PATT/C8511392

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 2.537

VS = 1.979

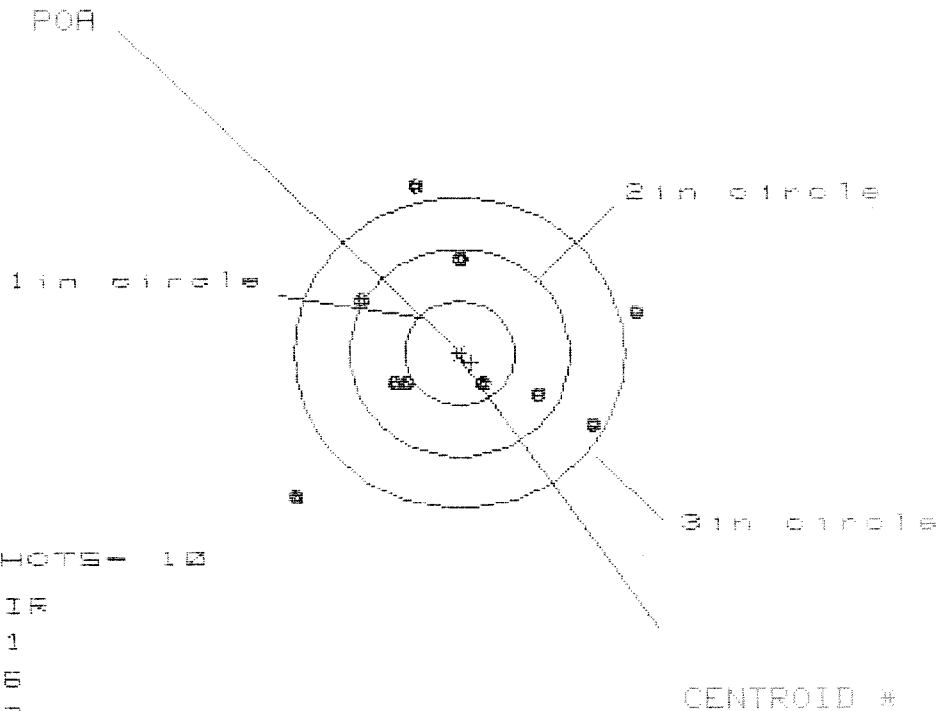
GS = 2.551

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.332	1.324	1.412
MINIMUM X	:	-1.205	-1.057	-.969
MAXIMUM Y	:	1.128	1.154	.699
MINIMUM Y	:	-.851	-.825	-.681
CENTROID X	:	.260	.112	.024
CENTROID Y	:	.117	.091	-.053
POA TO CENTROID in.	:	.285	.144	.058
MIN RADIUS	:	.350	.289	.167
MEAN RADIUS	:	.923	.846	.745
MAX RADIUS	:	1.353	1.351	1.418
HORIZONTAL SPREAD	:	2.537	2.381	2.381
VERTICAL SPREAD	:	1.979	1.979	1.380
EXTREME SPREAD	:	2.551	2.381	2.381
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 6

3in = 3

HS= 3.071

VS= 2.996

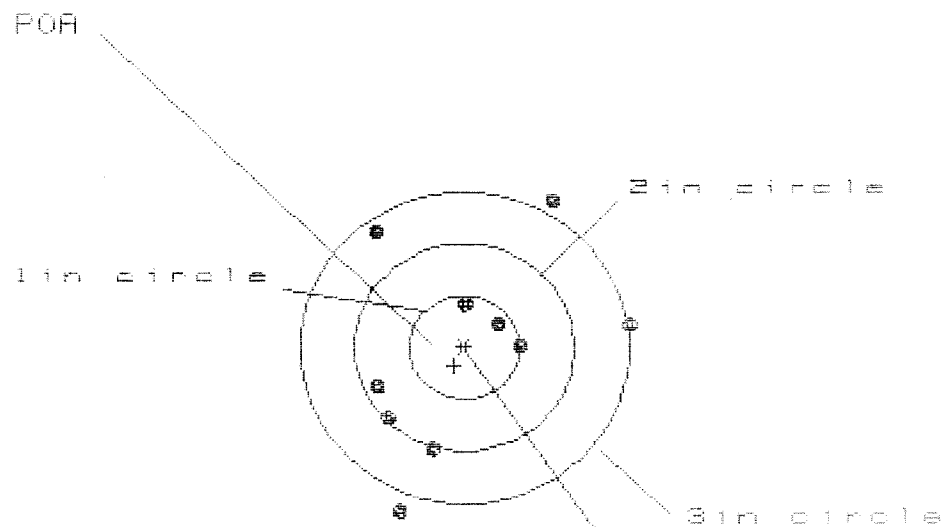
GS= 3.586

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.581	1.415	1.193
MINIMUM X	:	-1.498	-1.030	-.853
MAXIMUM Y	:	1.581	1.423	1.458
MINIMUM Y	:	-1.415	-.856	-.821
CENTROID X	:	-.109	.057	-.120
CENTROID Y	:	.091	.249	.214
POA TO CENTROID in.	:	.142	.255	.245
MIN RADIUS	:	.389	.482	.500
MEAN RADIUS	:	1.100	1.005	.922
MAX RADIUS	:	2.055	1.516	1.499
HORIZONTAL SPREAD	:	3.071	2.445	2.046
VERTICAL SPREAD	:	2.996	2.279	2.279
EXTREME SPREAD	:	3.586	2.750	2.750
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	3		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.290

VS= 3.000

GS= 3.303

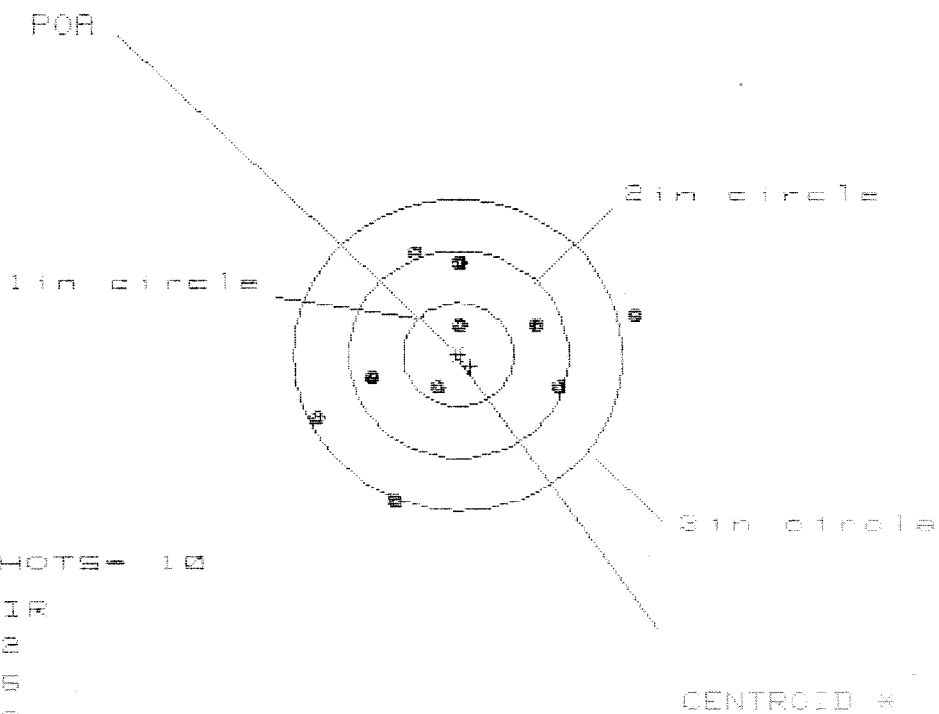
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.475	1.409	1.499
MINIMUM X	:	-.815	-.881	-.791
MAXIMUM Y	:	1.449	1.276	1.148
MINIMUM Y	:	-1.551	-1.159	-.999
CENTROID X	:	.094	.160	.070
CENTROID Y	:	.176	.349	.189
POA TO CENTROID in.	:	.200	.384	.202
MIN RADIUS	:	.370	.255	.385
MEAN RADIUS	:	1.039	.947	.886
MAX RADIUS	:	1.661	1.466	1.519
HORIZONTAL SPREAD	:	2.290	2.290	2.290
VERTICAL SPREAD	:	3.000	2.435	2.147
EXTREME SPREAD	:	3.303	2.677	2.462

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 8

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HE= 2.912

VS= 2.468

GS= 3.082

CENTROID *

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.622	1.048	.992
MINIMUM X	-1.290	-1.110	-1.166
MAXIMUM Y	1.033	1.074	.900
MINIMUM Y	-1.435	-1.394	-.769
CENTROID X	-.110	-.290	-.233
CENTROID Y	.110	.069	.243
POA TO CENTROID in.	.156	.298	.337
MIN RADIUS	.296	.224	.190
MEAN RADIUS	.972	.886	.790
MAX RADIUS	1.664	1.466	1.397

VERTICAL	SPREAD :	2.468	2.468	1.669
EXTREME	SPREAD :	3.082	2.485	2.246
NUMBER IN ONE	INCH CIRCLE	=	2	
NUMBER IN TWO	INCH CIRCLE	=	6	
NUMBER IN THREE	INCH CIRCLE	=	8	