

C6611508

MODEL 700™ M24

Model **SMS**

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®



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

MODEL 700™ H24

20

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

SERIAL NO.

C6611508

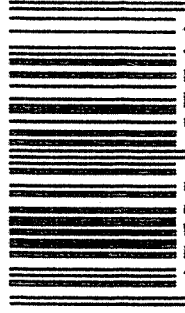
ORDER NO.

5716



5716 C6611508

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6611508**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/18/91	K.S.
600	Proof		3/18/91	K.S.
607	Check Headspace		3/18/91	K.S.
610	Dis-assemble Gun		3/18/91	K.S.
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	G.B.
617	Drill and Tap Sight Holes	ADD	3 1991	FB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4/19/91	TA
	Apply Coating (Bolt)			
625	Final Assembly		5/1/91	KS
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	KS
	C) Inspect Ejector Hole for Chamfer		5/1/91	KS
	D) Oil Firing Pin Ass'y		5/1/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5-15-91	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-15-91	JL
	G) Safety Off Force	4	4	4			5-15-91	JL
	H) Trigger Pull Test & Retainability						5/15-91	JL
	I) Firing Pin Indent	.0215	.021	.021			5-15-91	JL
	J) Assemble Stock						5/14/91	KS
	K) Assemble Swivel Studs						5-20-91	AC
	L) Attach Front and Rear Sight Assemblies						5/16/91	KS
	M) Iron Sight Alignment						5/16/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/16/91	KS
	O) Attach Scope to Rifle						5/16/91	KS
	P) Detach & Attach Scope 20 Times						5/16/91	KS
640	Gallery Target & Test						5-19-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						5-19-91	NF
655	Final Inspection							
	A) Headspace						5-20-91	AC
	B) Trigger Pull	2.53	2.40	2.47	2.51	2.56	5/20/91	JL
	C) Function						5-20-91	AC
660	Pack						6-17-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6611508

DATE 5-15-91

TESTER J. J. J.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.40	2.42	2.53	MIN...SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.41	2.38	2.40	
PULL #3	2.46	2.44	2.40	2.47	
PULL #4	2.38	2.44	2.43	2.51	
PULL #5	2.43	2.42	2.40	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.22	3.54			
PULL #2	3.23	3.55			
PULL #3	3.27	3.53			
PULL #4	3.50	3.56			
PULL #5	3.57	3.58			
TOTAL					
AVG.					

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO (4#) FOR TARGET & ACCURACY
PULL #1	4.46	4.52		4.48
PULL #2	4.38	4.50		4.53
PULL #3	4.55	4.51		4.50
PULL #4	4.50	4.52		4.50
PULL #5	4.51	4.50		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611508
18 May 1991

CENTROIDAL DISTANCES

0 TO	1	.958818
1 TO	2	1.12857
1 TO	3	1.00676
1 TO	4	.927863
1 TO	5	1.53868

5
4
3
2
1
←----POA

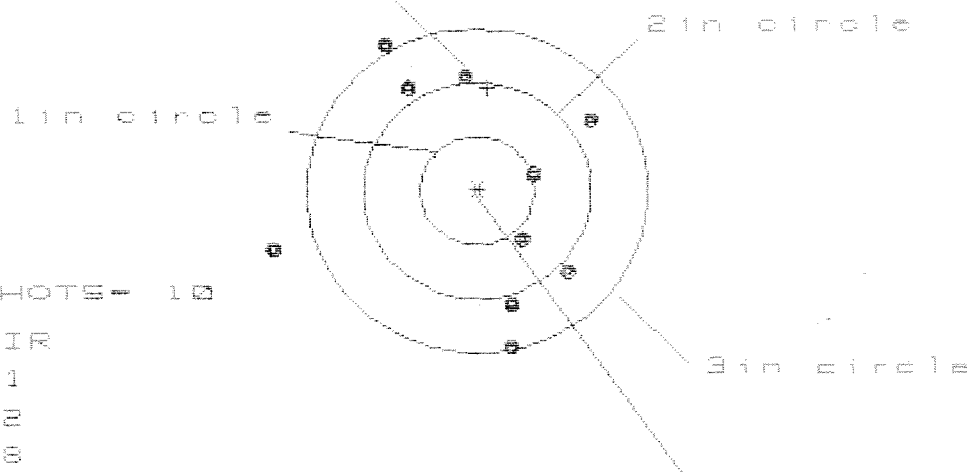
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.026
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0389
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .046709
THE AMR FOR THIS RIFLE IS: .9376

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611508

CENTERFIRE PATTERNS # 1

POA



OF SHOTS = 10

IN CIR

1in = 1

2in = 2

3in = 7

HS = 2.885

VS = 2.814

GS = 3.132

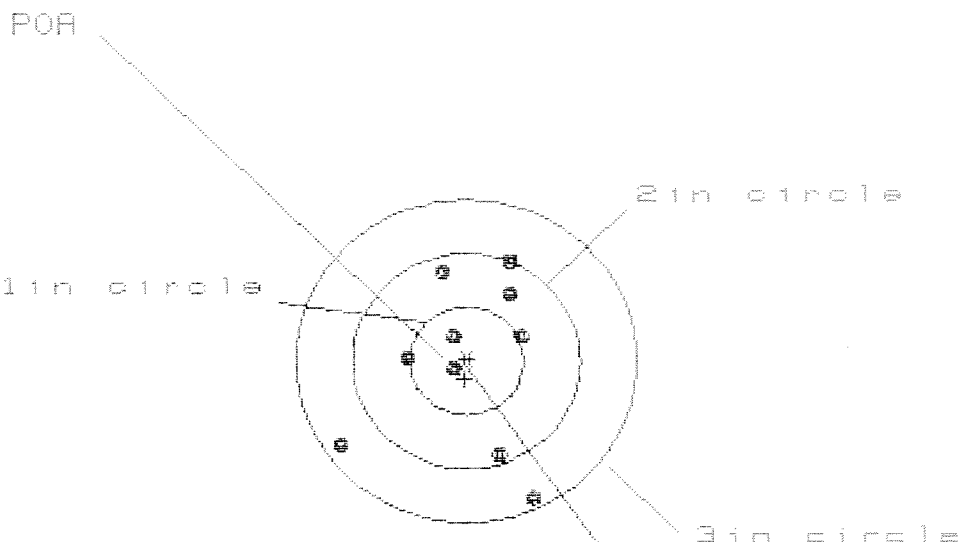
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.039	.834	.713
MINIMUM X	:	-1.845	-.970	-.882
MAXIMUM Y	:	1.379	1.321	1.190
MINIMUM Y	:	-1.435	-1.493	-1.328
CENTROID X	:	-.096	.109	.230
CENTROID Y	:	-.954	-.896	-1.061
POA TO CENTROID in.	:	.959	.903	1.086
MIN RADIUS	:	.487	.275	.300
MEAN RADIUS	:	1.172	1.046	.935
MAX RADIUS	:	1.917	1.639	1.376
HORIZONTAL SPREAD	:	2.885	1.804	1.595
VERTICAL SPREAD	:	2.814	2.814	2.518
EXTREME SPREAD	:	3.132	3.016	2.557
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		8	

18 May 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 1.712

VS = 2.246

GS = 2.273

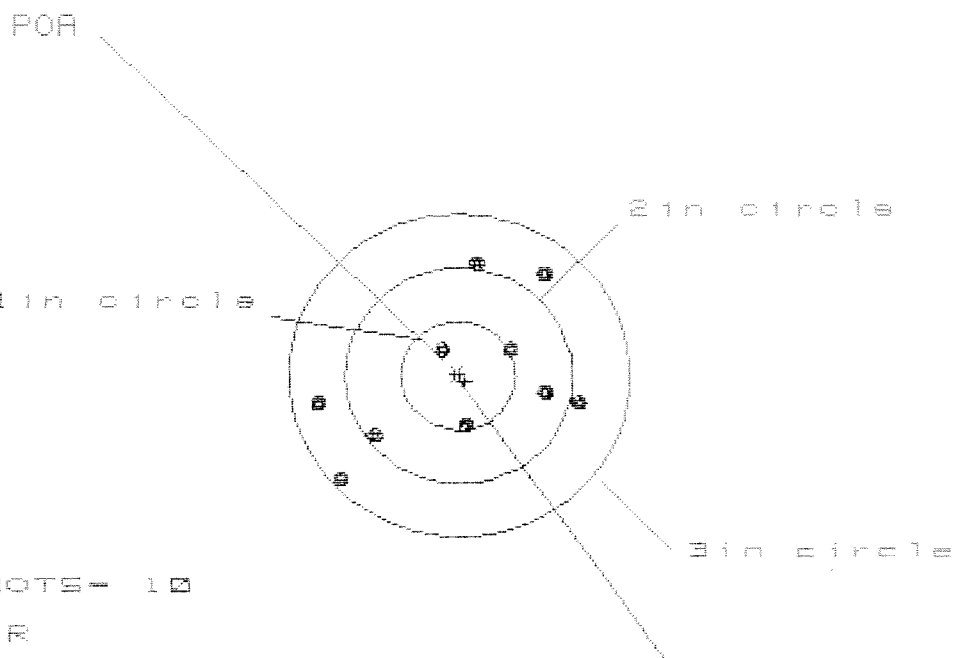
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.585	.551	.418
MINIMUM X	:	-1.127	-1.062	-.616
MAXIMUM Y	:	.975	.834	.721
MINIMUM Y	:	-1.271	-1.054	-1.167
CENTROID X	:	.016	-.049	.004
CENTROID Y	:	.169	.310	.423
POA TO CENTROID in.	:	.170	.314	.432
MIN RADIUS	:	.088	.129	.169
MEAN RADIUS	:	.781	.685	.583
MAX RADIUS	:	1.399	1.396	1.182
HORIZONTAL SPREAD	:	1.712	1.613	1.034
VERTICAL SPREAD	:	2.246	1.888	1.888
EXTREME SPREAD	:	2.273	2.273	1.890
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.236

VS= 1.976

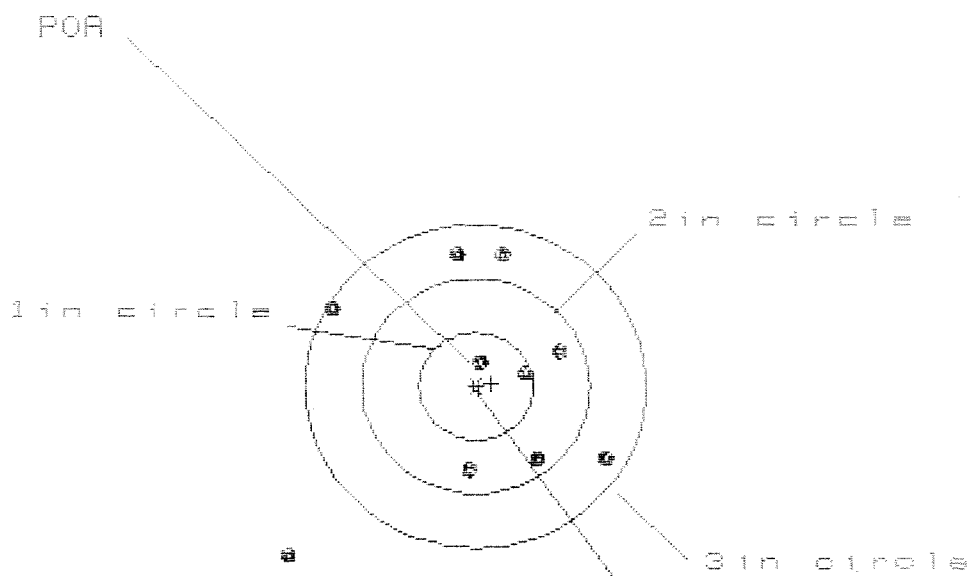
GS= 2.679

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.014	.893	.973
MINIMUM X	:	-1.222	-1.343	-1.263
MAXIMUM Y	:	1.019	.912	1.022
MINIMUM Y	:	-.957	-.671	-.561
CENTROID X	:	-.057	.064	-.016
CENTROID Y	:	.052	.159	.049
POA TO CENTROID in.	:	.077	.171	.051
MIN RADIUS	:	.324	.341	.351
MEAN RADIUS	:	.911	.831	.799
MAX RADIUS	:	1.447	1.380	1.280
HORIZONTAL SPREAD	:	2.236	2.236	2.236
VERTICAL SPREAD	:	1.976	1.583	1.583
EXTREME SPREAD	:	2.679	2.315	2.236
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

1in = 2

2in = 5

3in = 9

HS= 2.805

VS= 2.859

GS= 3.417

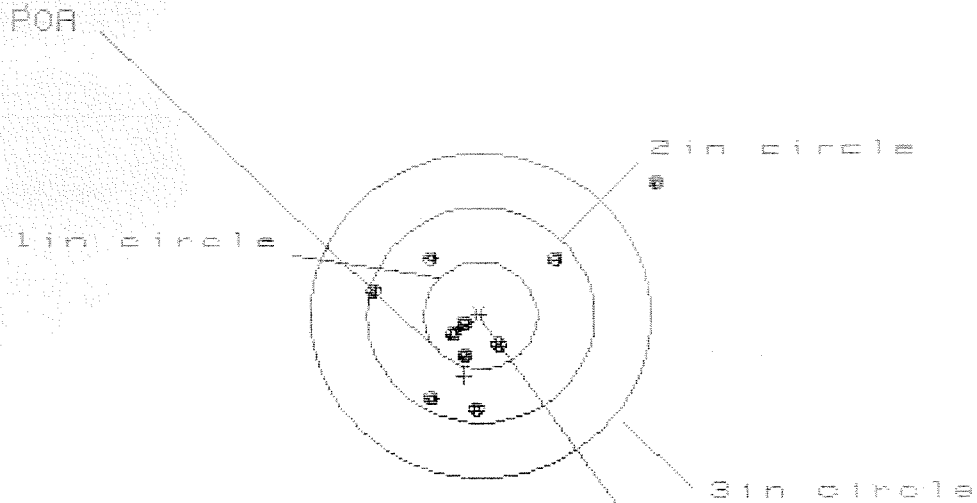
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.120	.933	.754
MINIMUM X	:	-1.684	-1.431	-.535
MAXIMUM Y	:	1.241	1.061	1.129
MINIMUM Y	:	-1.618	-.938	-.870
CENTROID X	:	-.136	.051	.230
CENTROID Y	:	-.027	.153	.085
POA TO CENTROID in.	:	.139	.161	.245
MIN RADIUS	:	.235	.121	.048
MEAN RADIUS	:	1.076	.876	.764
MAX RADIUS	:	2.336	1.531	1.247
HORIZONTAL SPREAD	:	2.805	2.364	1.290
VERTICAL SPREAD	:	2.859	1.999	1.999
EXTREME SPREAD	:	3.417	2.771	2.345
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 4

2in = 9

3in = 9

HS = 2.541

VS = 2.111

GS = 2.879

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.595	.820	.724
MINIMUM X	:	-.946	-.769	-.387
MAXIMUM Y	:	1.247	.699	.741
MINIMUM Y	:	-.864	-.726	-.684
CENTROID X	:	.143	-.034	.062
CENTROID Y	:	.566	.428	.386
POA TO CENTROID in.	:	.584	.429	.391
MIN RADIUS	:	.150	.080	.118
MEAN RADIUS	:	.748	.542	.502
MAX RADIUS	:	2.024	1.078	1.036
HORIZONTAL SPREAD	:	2.541	1.589	1.111
VERTICAL SPREAD	:	2.111	1.425	1.425
EXTREME SPREAD	:	2.879	1.734	1.734
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			9	
NUMBER IN THREE INCH CIRCLE =			9	