

C6349039

MODEL 700™ M24

Model **SMS**™

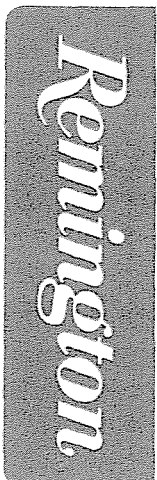
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349039

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1-12	90	RW
600	Proof	1 12	90	A
607	Check Headspace	1 12	90	A
610	Dis-assemble Gun	1-12	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber		1/17/90	ES
617	Drill and Tap Sight Holes		1/19/90	FB
618	Polish Barrel <i>R/B</i>		1/22/90	WB
620	Apply Coatings (Barrel Action)		1-28-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/2/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/2/90	RW
	C) Inspect Ejector Hole for Chamfer		2/2/90	RW
	D) Oil Firing Pin Ass'y		2/2/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-6-90	JM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/7/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/4			7/7/90	WB
	H) Trigger Pull Test & Retainability						2-6-90	JCL
	I) Firing Pin Indent	.0204	.0204	.021			7/7/90	WB
	J) Assemble Stock						9/14/90	RW
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						9/14/90	RW
	M) Iron Sight Alignment						9/14/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/14/90	RW
	O) Attach Scope to Rifle						9/14/90	RW
	P) Detach & Attach Scope 20 Times						9/14/90	RW
640	Gallery Target & Test						9/14/90	
	A) Time						9/14/90	
	B) Malfunctions						9/14/90	
	C) Pierced Primers						9/14/90	
	D) Optical Clarity of Scope						9/14/90	
645	Inspect for Live Ammo						9/14/90	
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.56	2.57	2.56	2.53	2.54	9-15-90	JCL
	C) Function							
660	Pack						9/19/90	RF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349039
DATE 9/14/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.38	2.52	2.56	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.53	2.48	2.57	
PULL #3	2.50	2.57	2.41	2.56	
PULL #4	2.49	2.55	2.37	2.53	
PULL #5	2.47	2.52	2.35	2.54	
TOTAL	12.26	12.55	12.13	12.76	
AVG.	2.45	2.51	2.42	2.552	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.15		
PULL #2	3.10	3.16		
PULL #3	3.10	3.18		
PULL #4	3.04	3.11		
PULL #5	3.06	3.15		
TOTAL	15.44	15.75		
AVG.	3.09	3.15		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.10		3.95
PULL #2	4.19	4.04		3.90
PULL #3	4.10	4.02		3.94
PULL #4	4.10	4.27		3.90
PULL #5	4.08	4.15		3.95
TOTAL	20.66	20.58		19.64
AVG.	4.13	4.12		3.93

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349039
14 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.298814
1 TO	2	.150987
1 TO	3	.32839
1 TO	4	.272485
1 TO	5	.17254

2 <----POA

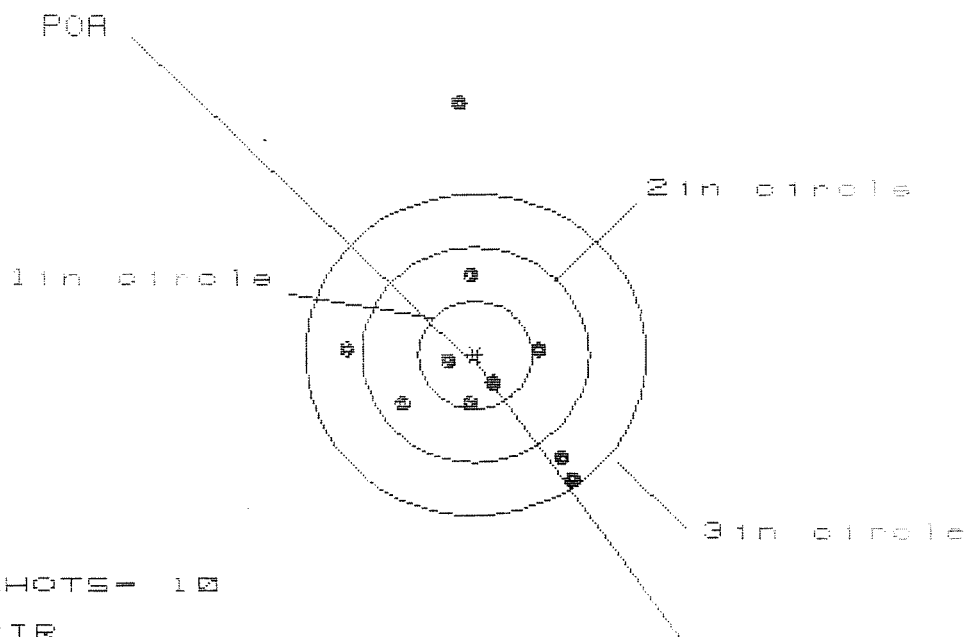
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0328
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1618
THE RESULTING AVERAGE FOI RADIUS FOR THIS RIFLE IS: .165091
THE RNR FOR THIS RIFLE IS: 1.071

14 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349033

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.020

VS= 3.548

GS= 3.696

CENTROID #

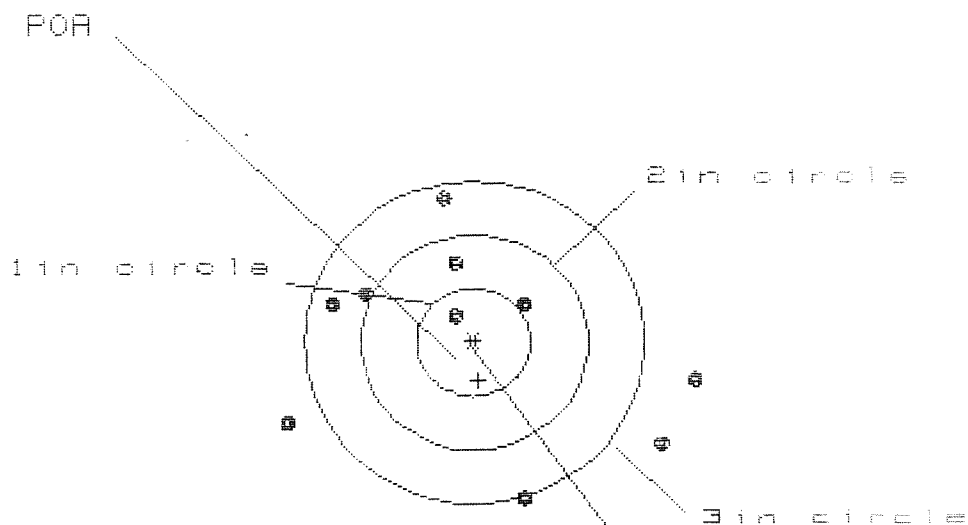
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
0.0000000000	:	.851	.831	.839
0.0000000000	:	-1.169	-1.189	-1.085
0.0000000000	:	2.367	1.009	.894
0.0000000000	:	-1.181	-.918	-.774
0.0000000000	:	-.159	-.139	-.243
0.0000000000	:	.283	-.010	.105
0.0000000000	:	.299	.139	.265
0.0000000000	:	.115	.146	.199
0.0000000000	:		.717	.649
0.0000000000	:		1.239	1.142
0.0000000000	:		2.020	1.924
0.0000000000	:		1.927	1.668
0.0000000000	:		2.370	2.168
0.0000000000	:		3	
0.0000000000	:		5	

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CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 3.593

VS= 2.794

GS= 3.615

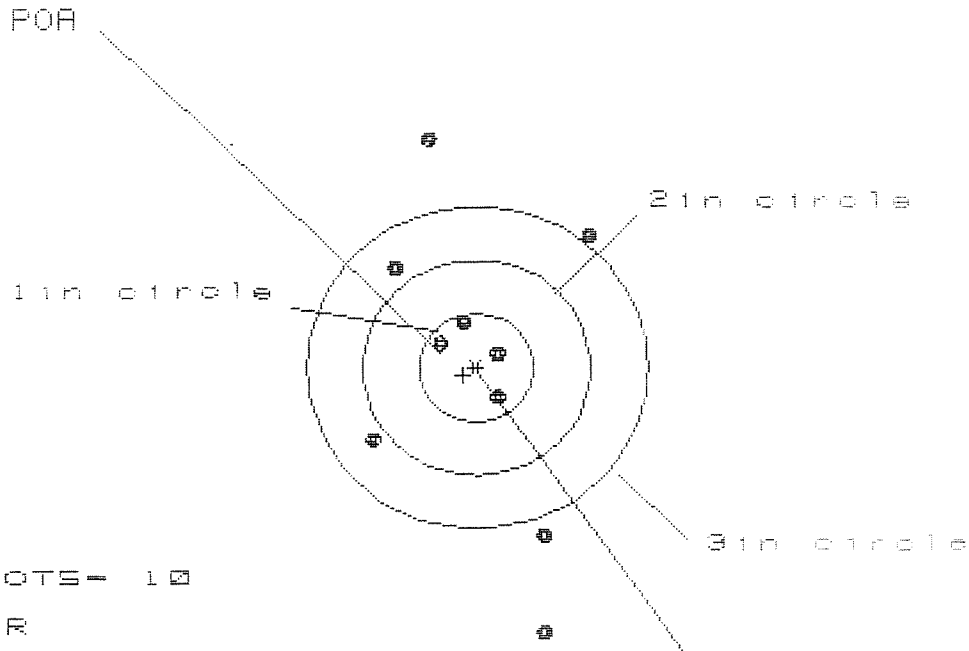
CENTROID #

PATTERN #	:	2		
SPOTS (BEST OF)	:	10	9	8
MEAN (H)	:	1.938	1.820	.878
MEAN (V)	:	-1.655	-1.440	-1.212
MEAN (H)	:	1.389	1.346	1.220
MEAN (V)	:	-1.405	-1.448	-1.575
MEAN (H)	:	-.045	-.260	-.488
MEAN (V)	:	.952	.395	.522
MEAN (H)	:	.355	.473	.714
MEAN (V)	:	.61	.237	.341
MEAN (H)	:		1.142	.985
MEAN (V)	:		2.082	1.803
MEAN (H)	:		3.260	2.090
MEAN (V)	:		2.794	2.794
MEAN (H)	:		3.265	2.884
MEAN (V)	:		1	
MEAN (H)	:		3	
MEAN (V)	:		1	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 4

3in = 6

HS= 1.910

VS= 4.652

GS= 4.771

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.980	1.047	.999
MINIMUM X	:	-.930	-.863	-.911
MAXIMUM Y	:	2.146	1.868	1.164
MINIMUM Y	:	-2.506	-1.882	-1.649
CENTROID X	:	.113	.046	.094
CENTROID Y	:	.069	.347	.114
FOR TO CENTROID	:	.132	.350	.147
MIN. RADIO	:	.263	.108	.255
MAX. RADIO	:	.171	.972	.860
MIN. RADIO	:		1.990	1.754
MAX. RADIO	:		1.910	1.910
MIN. RADIO	:		3.750	2.813
MAX. RADIO	:		3.890	2.841
MIN. RADIO	:		4	
MAX. RADIO	:		4	
MIN. RADIO	:		6	

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CENTERFIRE PATTERNS

4

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.741

VS= 2.039

GS= 2.200

CENTROID #

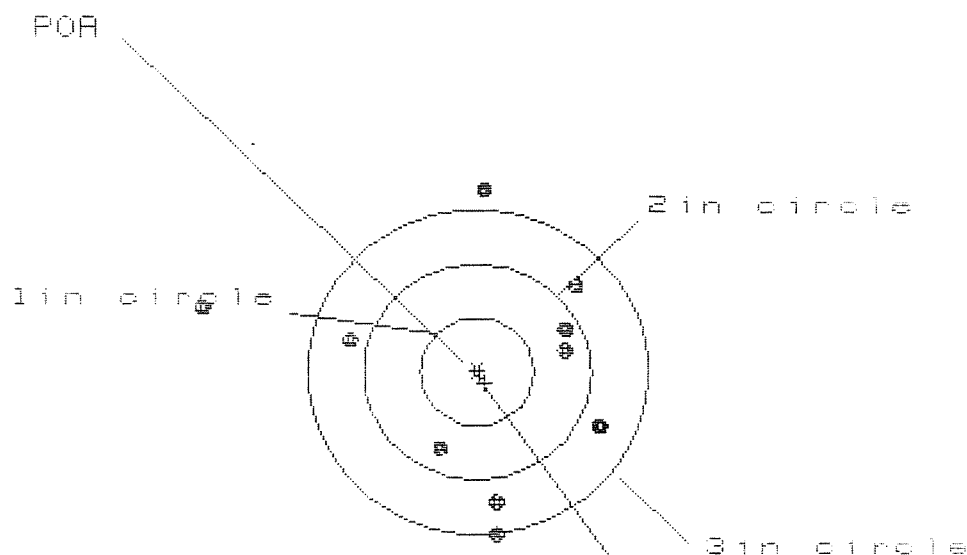
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.753	.684	.700
MINIMUM X	:	-.988	-1.057	-1.041
MAXIMUM Y	:	1.008	.894	.838
MINIMUM Y	:	-1.031	-.801	-.689
CENTROID X	:	-.001	.068	.052
CENTROID Y	:	.031	.145	.033
POR TO CENTROID (in)	:	.031	.160	.061
MIN RADIUS	:	.123	.171	.080
MEAN RADIUS	:	.123	.662	.610
MAX RADIUS	:		1.059	1.055
HORIZONTAL CENTER	:		1.741	1.741
VERTICAL CENTER	:		1.695	1.527
EXTREME SPREAD	:		1.800	1.800
NUMBER IN ONE	:		3	
NUMBER IN TWO	:		7	
NUMBER IN THREE	:		10	

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CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 3.516

VS= 3.189

GS= 3.688

CENTROID #

PATTERN # : 5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.055	.782	.754
MINIMUM X	:	-2.461	-1.377	-1.405
MAXIMUM Y	:	1.646	1.712	1.036
MINIMUM Y	:	-1.543	-1.477	-1.263
CENTROID X	:	-.072	.201	.229
CENTROID Y	:	.104	.038	-.176
POA TO CENTROID INCH	:	.127	.205	.289
MIN RADIUS	:	.769	.545	.665
MEAN RADIUS	:	1.028	1.093	.999
MAX RADIUS	:		1.726	1.527
HORIZONTAL SPREAD	:		2.159	2.159
VERTICAL SPREAD	:		3.189	2.299
EXTREME SPREAD	:		3.193	2.388
NUMBER IN ONE INCH	:		0	
NUMBER IN TWO INCHES	:		3	
NUMBER IN THREE INCHES	:		7	

Remington®



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

MODEL 700™ H24

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

Ø1

SERIAL NO.

C6349039

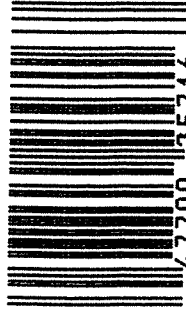
ORDER NO.

5716



5716 C6349039

UPC



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