

C5349082

MODEL 700™ M24

Model SMS™

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™ H24

SERIAL NO.
C6349082

ORDER NO.
5716

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

01



5716 C6349082

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349082

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	90	RW
600	Proof	4 12	90	A
607	Check Headspace	4 12	90	A
610	Dis-assemble Gun	4 12	90	RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		SL
617	Drill and Tap Sight Holes		4/23/90	LB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4/30/90	TH
	Apply Coating (Bolt)			TH
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/9/90	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/9/90	gcl
	G) Safety Off Force	3	3	3			5/9/90	gcl
	H) Trigger Pull Test & Retainability						5/9/90	gcl
	I) Firing Pin Indent	.023	.022	.023			5/9/90	gcl
	J) Assemble Stock						5/15/90	RW
	K) Assemble Swivel Studs						5/17/90	WB
	L) Attach Front and Rear Sight Assemblies						5/15/90	RW
	M) Iron Sight Alignment						5/15/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/15/90	RW
	O) Attach Scope to Rifle						5/15/90	gcl
	P) Detach & Attach Scope 20 Times						5/15/90	gcl
640	Gallery Target & Test						5-15-90	AC
	A) Time						5-15-90	AC
	B) Malfunctions						5-15-90	AC
	C) Pierced Primers						5-15-90	AC
	D) Optical Clarity of Scope						5-15-90	AC
645	Inspect for Live Ammo						5-15-90	AC
655	Final Inspection A) Headspace						5/17/90	WB
	B) Trigger Pull	2.43	2.50	2.48	2.50	2.54	5/17/90	WB
	C) Function						5/17/90	WB
660	Pack						9-19-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. 06349082
DATE 5/9/90
TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.26	2.30	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.31	2.36	2.50	
PULL #3	2.43	2.31	2.40	2.48	
PULL #4	2.26	2.35	2.41	2.50	
PULL #5	2.19	2.36	2.36	2.54	
TOTAL	11.69	11.59	11.83		
AVG.	2.338	2.318	2.366		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.40		
PULL #2	3.31	3.42		
PULL #3	3.32	3.46		
PULL #4	3.35	3.33		
PULL #5	3.33	3.31		
TOTAL	16.76	16.92		
AVG.	3.352	3.384		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.45		4.35
PULL #2	4.24	4.43		4.39
PULL #3	4.22	4.40		4.45
PULL #4	4.35	4.41		4.37
PULL #5	4.40	4.42		4.44
TOTAL	21.41	22.11		22.00
AVG.	4.282	4.422		4.4

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349082
16 May 1990

CENTROIDAL DISTANCES

0 TO	1	.0403113
1 TO	2	.456426
1 TO	3	.149201
1 TO	4	.0875957
1 TO	5	.396531

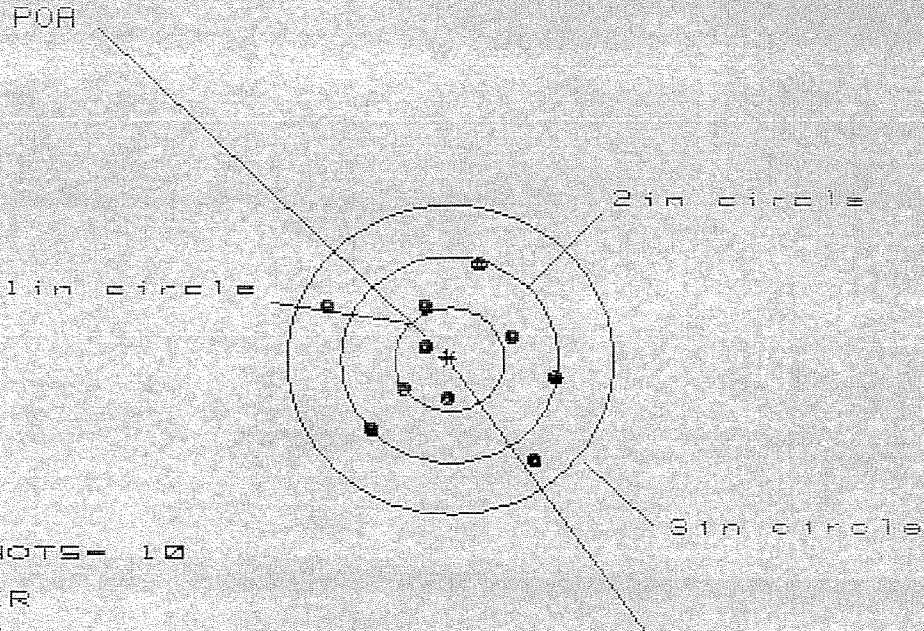
$\frac{4}{5}$ (----POA
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0622
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.092
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111053
THE AMR FOR THIS RIFLE IS: .8606

15 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349082

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.107

VS= 1.862

GS= 2.397

CENTROID #

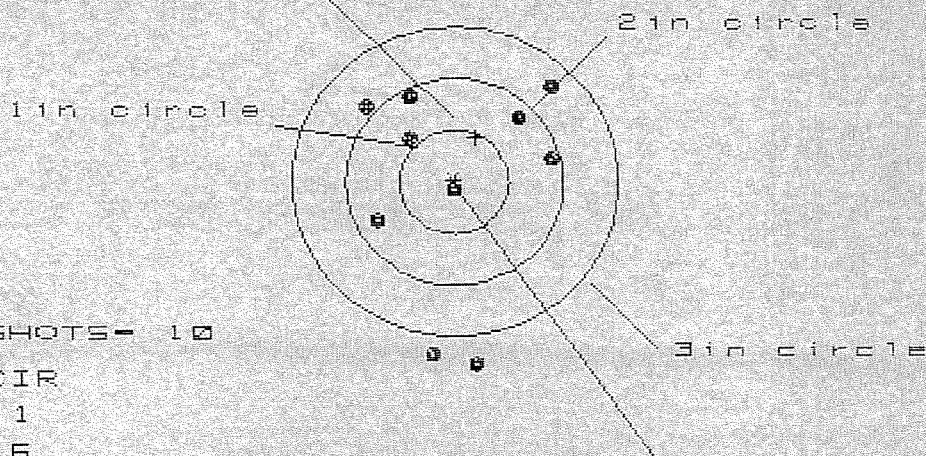
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.009	1.099	.972
MINIMUM X	:	-1.098	-1.008	-.801
MAXIMUM Y	:	.932	.828	.882
MINIMUM Y	:	-.930	-.786	-.732
CENTROID X	:	.029	-.060	.067
CENTROID Y	:	-.028	.076	.022
POA TO CENTROID in.	:	.041	.096	.070
MIN RADIUS	:	.228	.105	.241
MEAN RADIUS	:	.775	.708	.666
MAX RADIUS	:	1.228	1.124	1.085
HORIZONTAL SPREAD	:	2.107	2.107	1.774
VERTICAL SPREAD	:	1.862	1.614	1.614
EXTREME SPREAD	:	2.397	2.210	1.931
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

15 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349002

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 1.684

VS= 2.678

GS= 2.835

CENTROID *

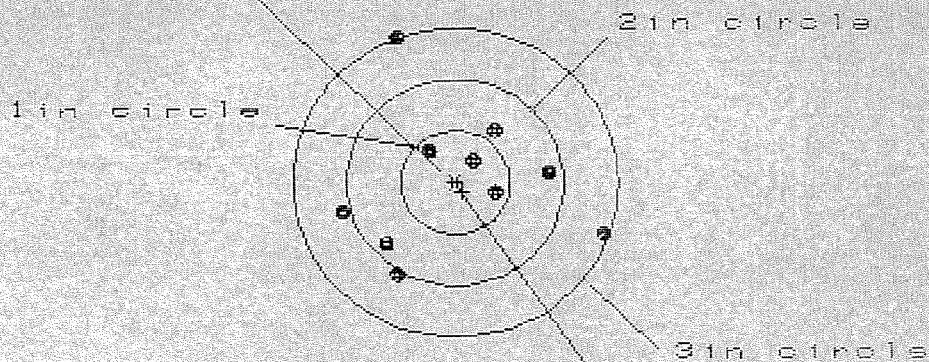
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.906	.931	.906
MINIMUM X	:	-.778	-.753	-.778
MAXIMUM Y	:	.953	.762	.532
MINIMUM Y	:	-1.725	-1.839	-.803
CENTROID X	:	-.189	-.214	-.189
CENTROID Y	:	-.429	-.238	-.008
POA TO CENTROID in.	:	.469	.320	.189
MIN RADIUS	:	.107	.288	.437
MEAN RADIUS	:	1.006	.898	.756
MAX RADIUS	:	1.739	1.850	1.080
HORIZONTAL SPREAD	:	1.684	1.684	1.684
VERTICAL SPREAD	:	2.678	2.601	1.335
EXTREME SPREAD	:	2.835	2.835	2.105
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

15 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C63490B2

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.439

VS= 2.263

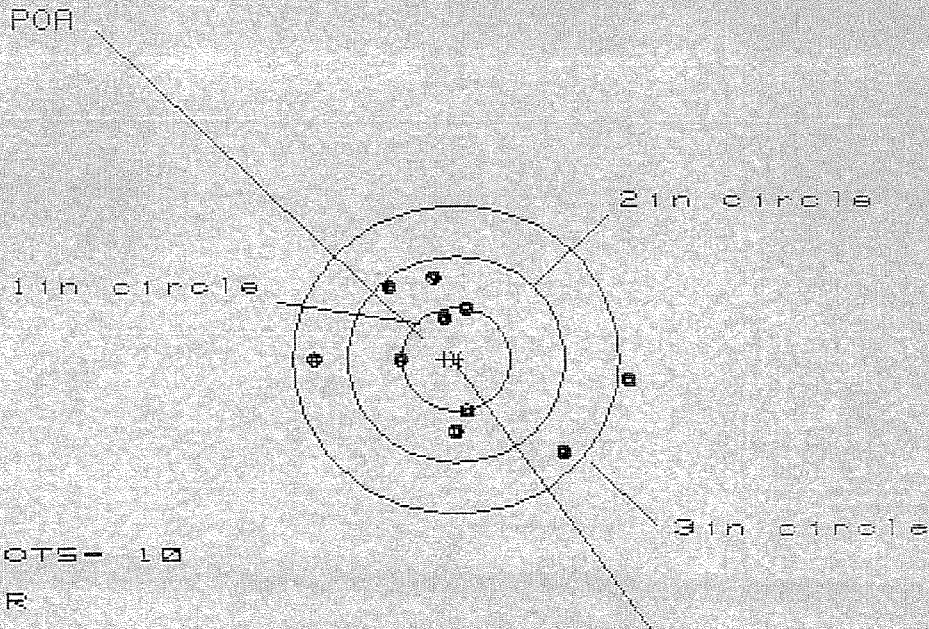
GS= 2.638

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.375	1.003	.961
MINIMUM X	:	-1.064	-.911	-.953
MAXIMUM Y	:	1.370	1.315	.624
MINIMUM Y	:	-.893	-.948	-.784
CENTROID X	:	-.061	-.214	-.172
CENTROID Y	:	.091	.146	-.018
POA TO CENTROID in.	:	.110	.259	.173
MIN RADIUS	:	.216	.256	.370
MEAN RADIUS	:	.844	.777	.705
MAX RADIUS	:	1.462	1.357	.982
HORIZONTAL SPREAD	:	2.439	1.914	1.914
VERTICAL SPREAD	:	2.263	2.263	1.408
EXTREME SPREAD	:	2.638	2.264	1.962
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

15 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349082

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.899

VS= 1.757

GS= 2.902

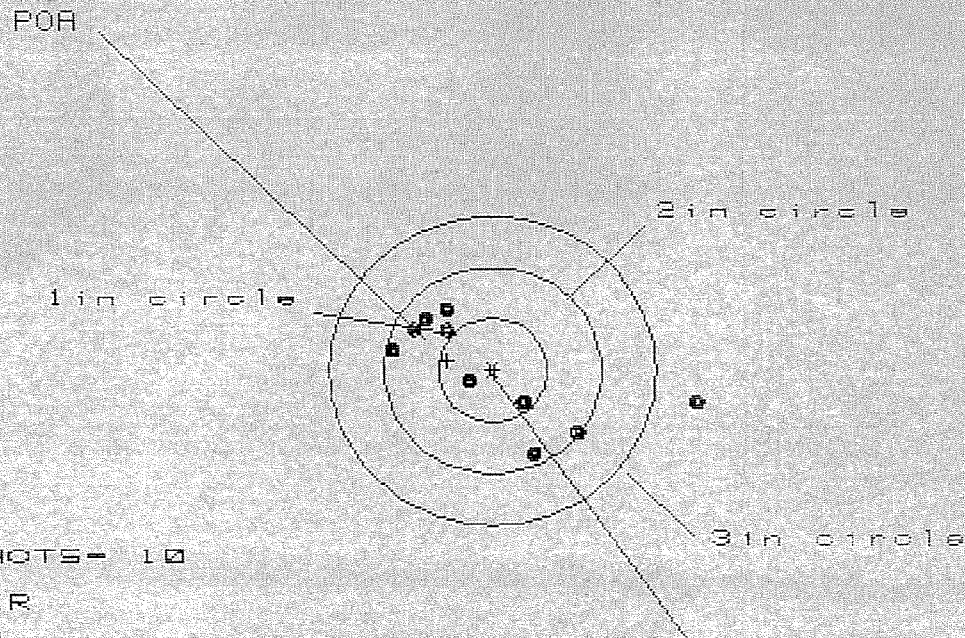
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.609	1.122	.449
MINIMUM X	:	-1.290	-1.111	-.971
MAXIMUM Y	:	.827	.808	.689
MINIMUM Y	:	-.930	-.949	-.865
CENTROID X	:	.112	-.067	-.207
CENTROID Y	:	.000	.019	.138
POA TO CENTROID in.	:	.112	.070	.249
MIN RADIUS	:	.378	.292	.233
MEAN RADIUS	:	.858	.745	.629
MAX RADIUS	:	1.618	1.470	.985
HORIZONTAL SPREAD	:	2.899	2.233	1.420
VERTICAL SPREAD	:	1.757	1.757	1.554
EXTREME SPREAD	:	2.902	2.407	1.560
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

15 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/CG3490B2

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 9

3in = 9

HS= 2.719

VS= 1.407

GS= 2.770

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.839	.966	.739
MINIMUM X	:	-.880	-.676	-.555
MAXIMUM Y	:	.579	.543	.459
MINIMUM Y	:	-.828	-.864	-.948
CENTROID X	:	.420	.216	.095
CENTROID Y	:	-.094	-.058	.026
POA TO CENTROID in.	:	.431	.224	.099
MIN RADIUS	:	.210	.114	.237
MEAN RADIUS	:	.820	.652	.554
MAX RADIUS	:	1.867	1.175	1.202
HORIZONTAL SPREAD	:	2.719	1.642	1.294
VERTICAL SPREAD	:	1.407	1.407	1.407
EXTREME SPREAD	:	2.770	1.842	1.712
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	