

C6523319

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Remington[®]

REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

SERIAL NO. C6523319

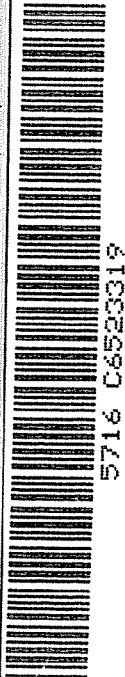
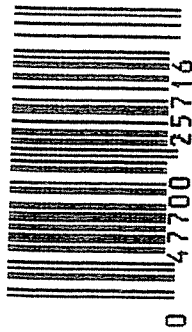
ORDER NO. 5716

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

Ø1

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

UPC



CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523319
15 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.0978621
1 TO	2	.412312
1 TO	3	.285212
1 TO	4	.168122
1 TO	5	.111647

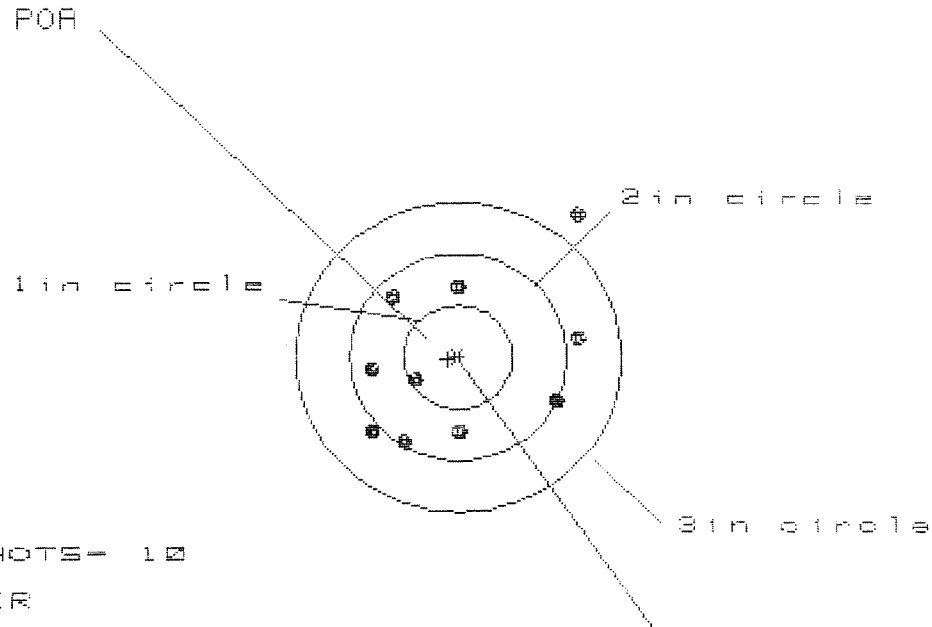
38 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.049
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0846
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0977658
THE AMR FOR THIS RIFLE IS: .995

15 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523319

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 1.944

VS= 2.187

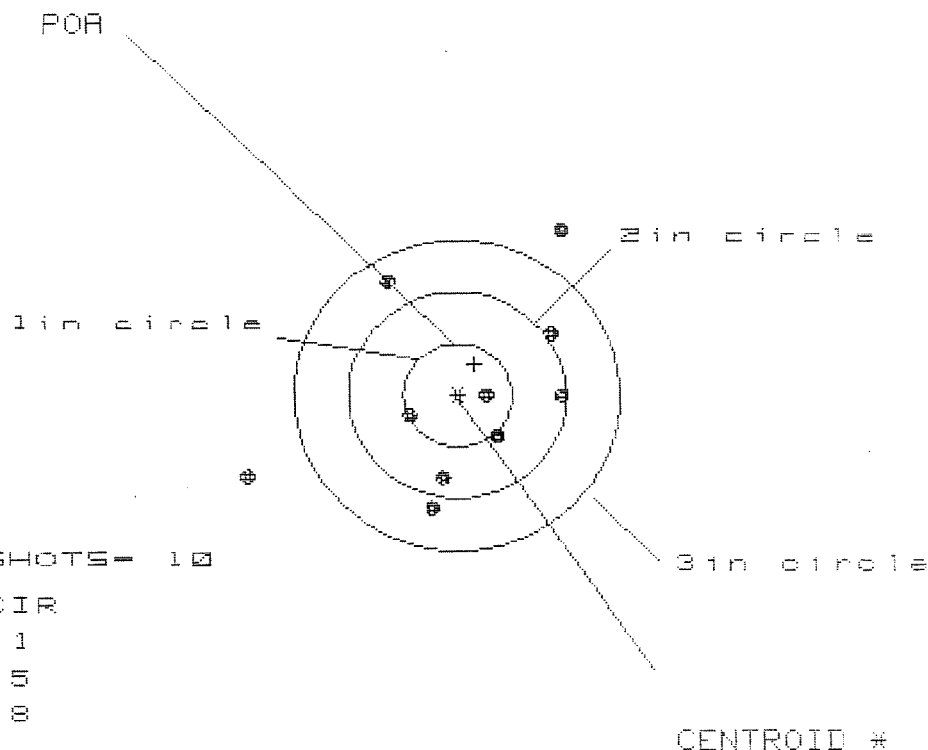
GS= 2.806

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.100	1.205	1.198
MINIMUM X	-.844	-.722	-.572
MAXIMUM Y	1.405	.848	.887
MINIMUM Y	-.782	-.626	-.587
CENTROID X	.096	-.026	-.176
CENTROID Y	.019	-.137	-.176
POA TO CENTROID in.	.098	.140	.249
MIN RADIUS	.464	.301	.148
MEAN RADIUS	.936	.798	.699
MAX RADIUS	1.784	1.245	1.217
HORIZONTAL SPREAD	1.944	1.927	1.770
VERTICAL SPREAD	2.187	1.474	1.474
EXTREME SPREAD	2.806	2.041	1.794
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

15 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06523319

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.852

VS= 2.655

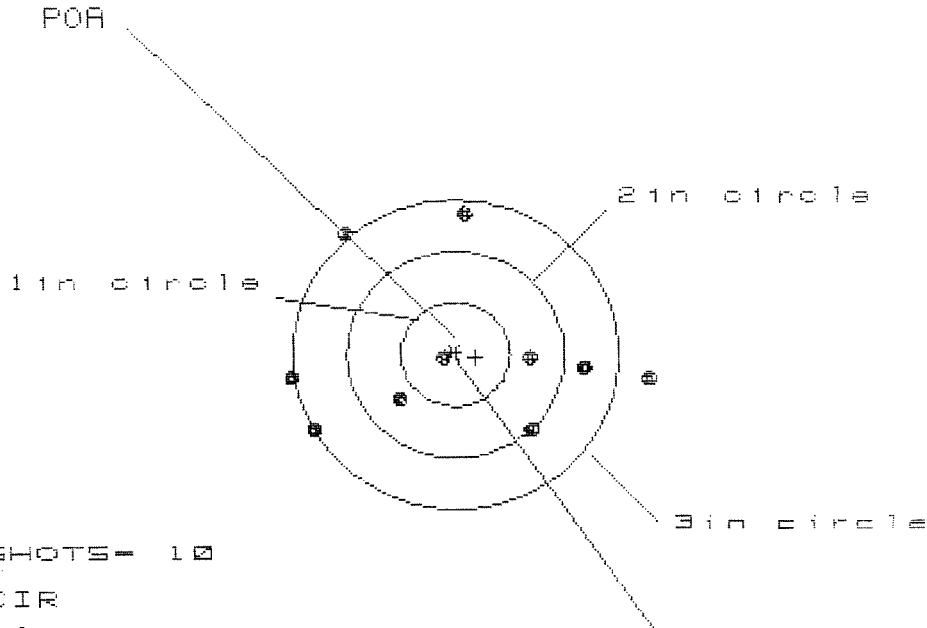
GS= 3.718

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.969	.759	.816
MINIMUM X	:	-1.893	-.834	-.739
MAXIMUM Y	:	1.574	1.485	1.213
MINIMUM Y	:	-1.082	-1.170	-.985
CENTROID X	:	-.159	.051	-.044
CENTROID Y	:	-.305	-.217	-.402
POA TO CENTROID in.	:	.345	.222	.405
MIN RADIUS	:	.247	.090	.168
MEAN RADIUS	:	1.041	.901	.779
MAX RADIUS	:	2.055	1.667	1.420
HORIZONTAL SPREAD	:	2.862	1.593	1.555
VERTICAL SPREAD	:	2.655	2.655	2.198
EXTREME SPREAD	:	3.718	2.934	2.225
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

15 Sep 1998

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 3.214

VS= 2.062

GS= 3.215

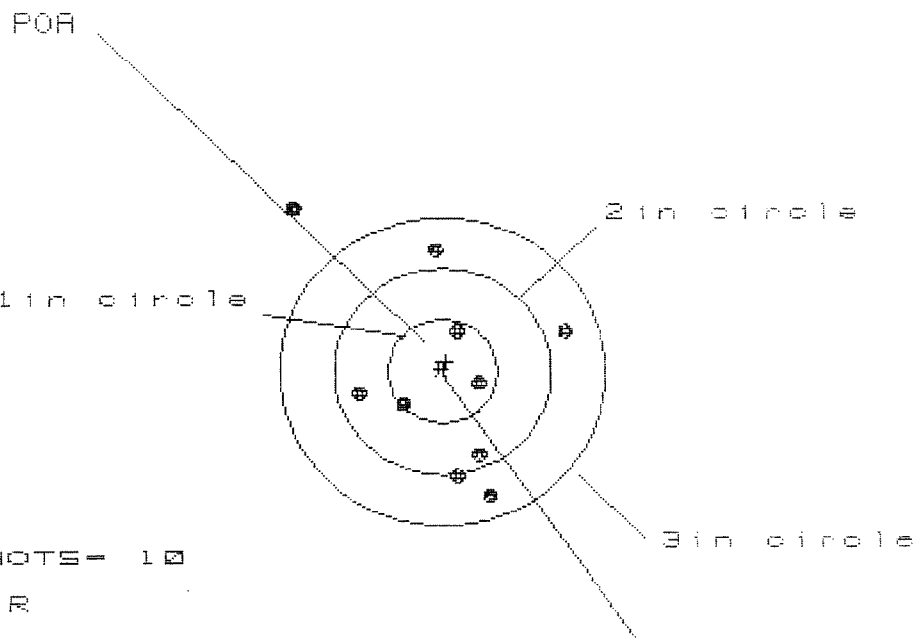
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.751
MINIMUM X	-1.463
MAXIMUM Y	1.353
MINIMUM Y	-1.709
CENTROID X	-1.189
CENTROID Y	.030
POA TO CENTROID in.	.191
MIN RADIUS	.075
MEAN RADIUS	1.111
MAX RADIUS	1.760
HORIZONTAL SPREAD	3.214
VERTICAL SPREAD	2.062
EXTREME SPREAD	3.215
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	5

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.534

VS= 2.826

GS= 3.377

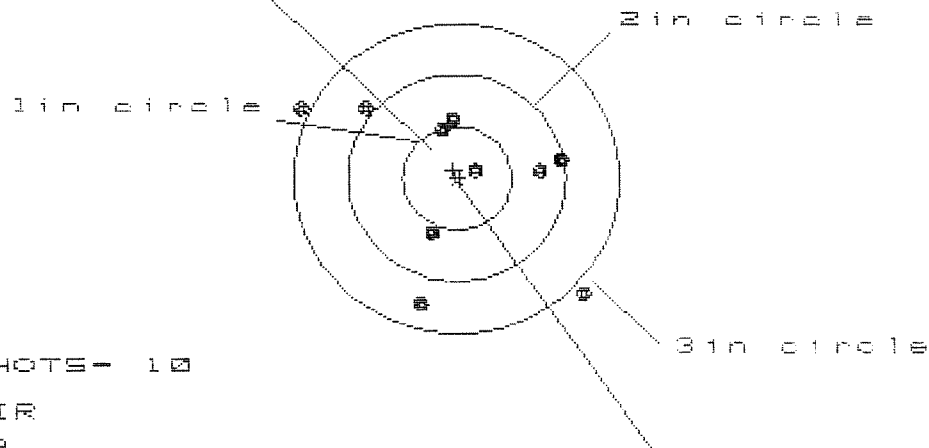
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.161	1.088	1.049
MINIMUM X	:	-1.373	-.942	-.901
MAXIMUM Y	:	1.626	1.369	1.242
MINIMUM Y	:	-1.200	-1.020	-.920
CENTROID X	:	-.032	.121	.080
CENTROID Y	:	-.090	-.270	-.143
POA TO CENTROID in.	:	.095	.296	.164
MIN RADIUS	:	.317	.196	.199
MEAN RADIUS	:	.973	.813	.777
MAX RADIUS	:	2.128	1.382	1.250
HORIZONTAL SPREAD	:	2.534	1.950	1.950
VERTICAL SPREAD	:	2.826	2.389	2.162
EXTREME SPREAD	:	3.377	2.442	2.169
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.582

VS= 1.965

GS= 3.150

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.145	.985	.945
MINIMUM X	:	-1.438	-1.021	-.898
MAXIMUM Y	:	.720	.772	.646
MINIMUM Y	:	-1.245	-1.165	-1.291
CENTROID X	:	.039	.198	.075
CENTROID Y	:	-.077	-.157	-.031
POA TO CENTROID in.	:	.086	.253	.081
MIN RADIUS	:	.125	.114	.087
MEAN RADIUS	:	.914	.833	.734
MAX RADIUS	:	1.608	1.407	1.335
HORIZONTAL SPREAD	:	2.582	2.006	1.843
VERTICAL SPREAD	:	1.965	1.937	1.937
EXTREME SPREAD	:	3.150	2.679	2.016
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523319

DATE 9/13/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.28	2.48	2.18	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.37	2.50	2.23	
PULL #3	2.47	2.52	2.48	2.18	
PULL #4	2.47	2.56	2.50	2.27	
PULL #5	2.54	2.34	2.49	2.15	
TOTAL	12.42	12.07	12.45	11.01	
AVG.	2.48	2.41	2.49	2.202	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.05		
PULL #2	3.19	3.10		
PULL #3	3.18	3.13		
PULL #4	3.17	3.13		
PULL #5	3.17	3.21		
TOTAL	15.73	15.62		
AVG.	3.14	3.12		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.19		4.04
PULL #2	4.09	4.16		4.07
PULL #3	4.09	4.14		4.12
PULL #4	4.11	4.13		4.15
PULL #5	4.18	4.17		4.11
TOTAL	20.62	20.79		20.49
AVG.	4.12	4.16		4.10

CAR-7EC

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523319

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action		8/21/90	KCD
	Magnaflux Bolt		8/21/90	KCD
615	Rollmark Caliber		8/21/90	ES.
617	Drill and Tap Sight Holes		8/23/90	WB
618	Polish Barrel RB		8/23/90	WB
620	Apply Coatings (Barrel Action)		8/23/90	WB
	Apply Coating (Bolt)		8/23/90	WB
625	Final Assembly A) Clean inside of Bolt Assembly		9/13/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/13/90	WB
	C) Inspect Ejector Hole for Chamfer		9/13/90	WB
	D) Oil Firing Pin Ass'y		9/13/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		9/13/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/13/90	WB
	G) Safety Off Force	2 ³ / ₄	2 ³ / ₄	2 ³ / ₄			9/13/90	WB
	H) Trigger Pull Test & Retainability						9/13/90	WB
	I) Firing Pin Indent	.0225	.0225	.0225			9/13/90	WB
	J) Assemble Stock						9/14/90	KA
	K) Assemble Swivel Studs						9/16/90	JD
	L) Attach Front and Rear Sight Assemblies						9/14/90	KA
	M) Iron Sight Alignment						9/14/90	KA
	N) Detach Front & Rear Sights & place in numbered container						9/14/90	KA
	O) Attach Scope to Rifle						9/14/90	KA
	P) Detach & Attach Scope 20 Times						9/14/90	KA
640	Gallery Target & Test						9/15/90	AF
	A) Time						9/15/90	AF
	B) Malfunctions						9/15/90	AF
	C) Pierced Primers						9/15/90	AF
	D) Optical Clarity of Scope						9/15/90	AF
645	Inspect for Live Ammo						9/15/90	AF
655	Final Inspection						9/16/90	JD
	A) Headspace						9/16/90	JD
	B) Trigger Pull	2.18	2.23	2.18	2.27	2.15	9/16/90	JD
	C) Function						9/16/90	JD
660	Pack						9/20/90	AF