

C6349180

MODEL 700™ M24

Model **S&S**™

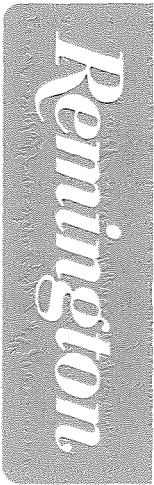
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington



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

MODEL 700TM M24

SERIAL NO.
C6349180

ORDER NO.
5716

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

01



5716 C6349180

UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6349180

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		GL
617	Drill and Tap Sight Holes		4/4/90	LB
618	Polish Barrel RB		4/5/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/25/90	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/24/90	JH
	G) Safety Off Force	3	3	5			4/24/90	JH
	H) Trigger Pull Test & Retainability						4/25/90	JH.
	I) Firing Pin Indent	.0225	.022	.022			4/26/90	JH
	J) Assemble Stock						4/26/90	RW
	K) Assemble Swivel Studs						5/8/90	WB
	L) Attach Front and Rear Sight Assemblies						4/26/90	RW
	M) Iron Sight Alignment						4/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/26/90	RW
	O) Attach Scope to Rifle						4/27/90	JH
	P) Detach & Attach Scope 20 Times						4/27/90	JH
640	Gallery Target & Test						4-27-90	AC
	A) Time						4-27-90	AC
	B) Malfunctions						4-27-90	AC
	C) Pierced Primers						4-27-90	AC
	D) Optical Clarity of Scope						4-27-90	AC
645	Inspect for Live Ammo						4-27-90	AC
655	Final Inspection						5/8/90	WB
	A) Headspace							
	B) Trigger Pull	2.56	2.65	2.69	2.66	2.45	5/7/90	WB
	C) Function						5/8/90	WB
660	Pack						6/19/90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6349180DATE 4/25/90TESTER JJP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.45	2.31	2.56	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.38	2.23	2.65	
PULL #3	2.35	2.32	2.35	2.59	
PULL #4	2.35	2.25	2.21	2.66	
PULL #5	2.44	2.43	2.30	2.45	
TOTAL	11.91	11.83	11.40		
AVG.	2.382	2.366	2.28		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.45		
PULL #2	3.15	3.52		
PULL #3	3.44	3.53		
PULL #4	3.48	3.15		
PULL #5	3.50	3.30		
TOTAL	16.72	16.95		
AVG.	3.344	3.39		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.32		4.21
PULL #2	4.41	4.34		4.28
PULL #3	4.33	4.33		4.21
PULL #4	4.28	4.26		4.12
PULL #5	4.25	4.34		4.13
TOTAL	21.68	21.59		20.97
AVG.	4.336	4.318		4.194

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349180
27 Apr 1990

CENTROIDAL DISTANCES

0 TO	1	.101922
1 TO	2	.235697
1 TO	3	.214084
1 TO	4	.621514
1 TO	5	.460331

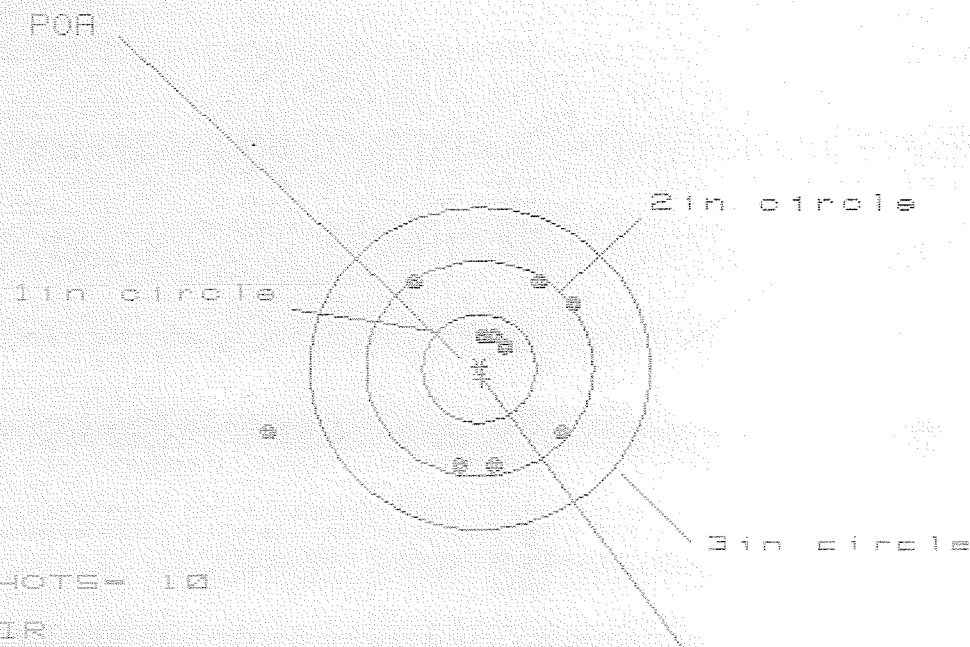
235
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .159
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .233
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .282082
THE AMR FOR THIS RIFLE IS: .8608

27 Apr 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8343180

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.718

VS= 1.760

GS= 2.950

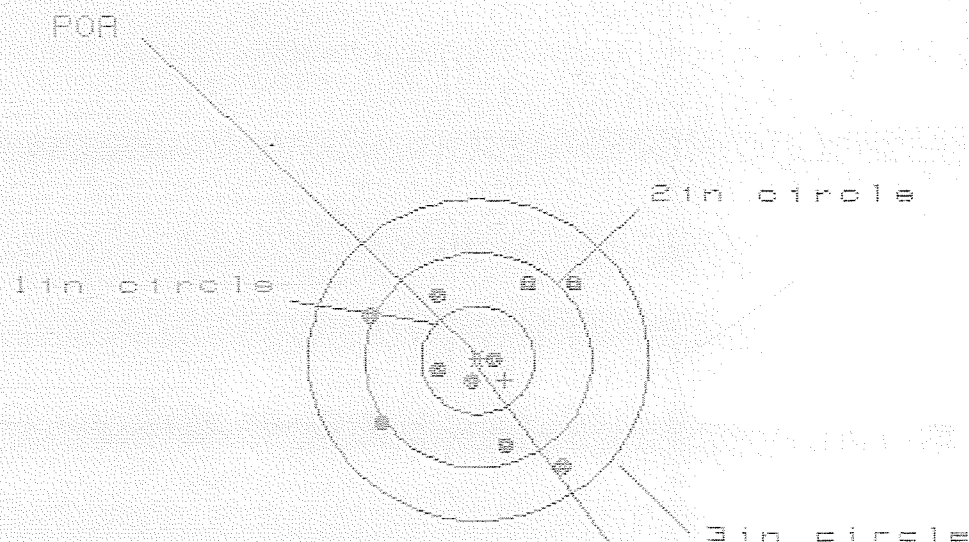
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.876	.671	.632
MINIMUM X	-1.842	-.817	-.733
MAXIMUM Y	.847	.784	.848
MINIMUM Y	-.913	-.976	-.912
CENTROID X	-.028	.177	.093
CENTROID Y	.098	.161	.097
POA TO CENTROID in.	.102	.239	.134
MIN RADIUS	.288	.111	.213
MEAN RADIUS	.869	.703	.697
MAX RADIUS	1.928	1.132	1.121
HORIZONTAL SPREAD	2.718	1.488	1.365
VERTICAL SPREAD	1.760	1.760	1.760
EXTREME SPREAD	2.950	1.977	1.977
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

27 Apr 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C63491B0

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.774

VS= 1.719

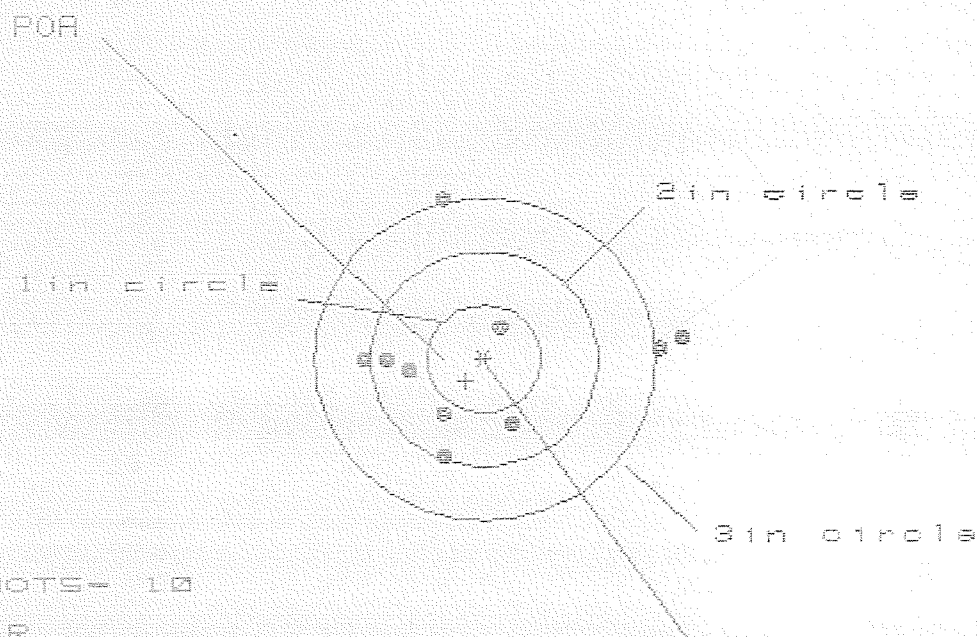
GS= 2.192

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.841	.928	.647
MINIMUM X	-.933	-.846	-.730
MAXIMUM Y	.746	.638	.690
MINIMUM Y	-.973	-.896	-.816
CENTROID X	-.245	-.332	-.448
CENTROID Y	.190	.298	.218
POA TO CENTROID in.	.310	.446	.498
MIN RADIUS	.179	.269	.168
MEAN RADIUS	.748	.691	.619
MAX RADIUS	1.248	1.126	.945
HORIZONTAL SPREAD	1.774	1.774	1.377
VERTICAL SPREAD	1.719	1.534	1.506
EXTREME SPREAD	2.192	2.102	1.785
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

27 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG349180

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 7

HS= 2.810

VS= 2.327

GS= 2.822

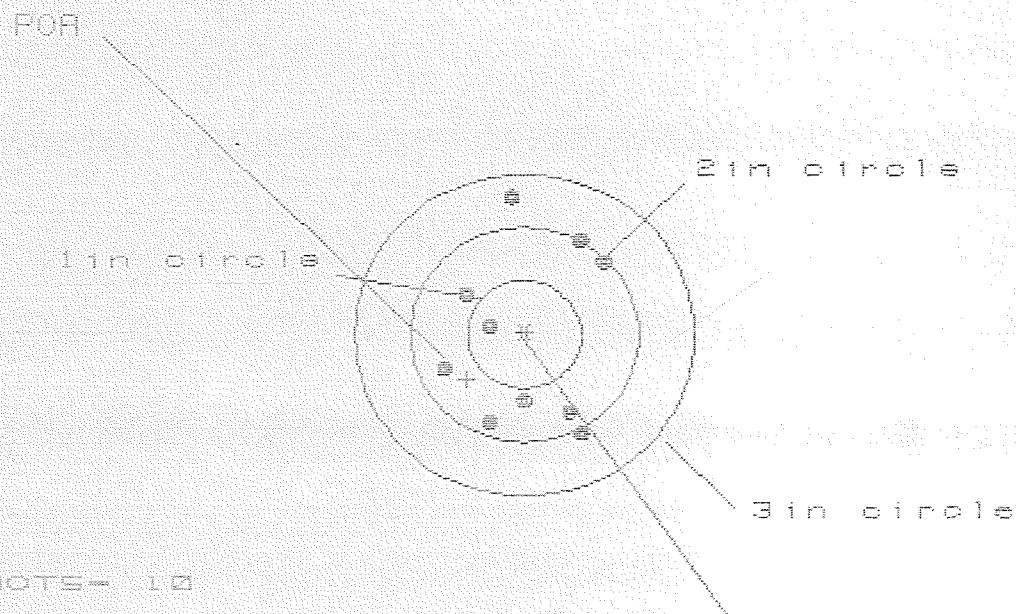
PATTERN #	1	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.706	1.738	.639
MINIMUM X	-1.104	-.914	-.697
MAXIMUM Y	1.465	1.492	1.503
MINIMUM Y	-.862	-.835	-.824
CENTROID X	.158	-.032	-.249
CENTROID Y	.204	.177	.166
POA TO CENTROID in.	.258	.180	.299
MIN RADIUS	.362	.435	.221
MEAN RADIUS	.993	.869	.710
MAX RADIUS	1.723	1.740	1.503
HORIZONTAL SPREAD	2.810	2.652	1.336
VERTICAL SPREAD	2.327	2.327	2.327
EXTREME SPREAD	2.822	2.653	2.327
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

27 Apr 1990

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.399

VS= 2.195

QS= 2.277

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X	.655	.641	.698
MINIMUM X	-.744	-.758	-.702
MAXIMUM Y	1.279	.984	.887
MINIMUM Y	-.916	-.774	-.806
CENTROID X	.506	.520	.463
CENTROID Y	.416	.274	.370
POA TO CENTROID in.	.655	.588	.593
MIN RADIUS	.307	.373	.279
MEAN RADIUS	.832	.764	.740
MAX RADIUS	1.286	1.085	1.045
HORIZONTAL SPREAD	1.399	1.399	1.399
VERTICAL SPREAD	2.195	1.758	1.694
EXTREME SPREAD	2.277	1.861	1.861
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

22 Apr 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8349180

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 2.370

VS= 2.265

GS= 2.692

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X : .990

.837

.908

MINIMUM X : -1.380

-1.175

-1.104

MAXIMUM Y : 1.215

1.267

.509

MINIMUM Y : -1.050

-.998

-.839

CENTROID X : .404

.557

.486

CENTROID Y : .257

.205

.046

POA TO CENTROID in. : .479

.594

.488

MIN RADIUS : .174

.113

.066

MEAN RADIUS : .862

.783

.708

MAX RADIUS : 1.459

1.391

1.104

HORIZONTAL SPREAD : 2.370

2.012

2.012

VERTICAL SPREAD : 2.265

2.265

1.348

EXTREME SPREAD : 2.692

2.374

2.106

NUMBER IN ONE INCH CIRCLE = 3

NUMBER IN TWO INCH CIRCLE = 5

NUMBER IN THREE INCH CIRCLE = 10