

C6636061

MODEL 700™ M24

Model **SMS**™

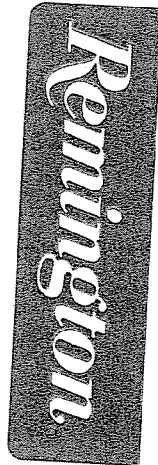
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington

Remington® **DUPONT** REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6636061

ORDER NO.
5716

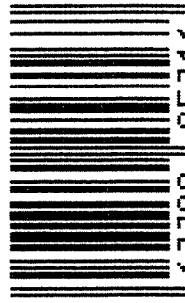
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6636061

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636061

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 8 91		Rw
600	Proof	4 8 91		Rw
607	Check Headspace	4 8 91		Rw
610	Dis-assemble Gun	4 8 91		Rw
612	Magnaflux Barrel Action	APR 9 1991		KR
	Magnaflux Bolt	APR 9 1991		Y
615	Rollmark Caliber	APR 9 1991		JS
617	Drill and Tap Sight Holes	APR 10 1991		FB
618	Polish Barrel	APR 19 1991		WB
620	Apply Coatings (Barrel Action)		5-10-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/14/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/14/91	Rw
	C) Inspect Ejector Hole for Chamfer		5/14/91	Rw
	D) Oil Firing Pin Ass'y		5/14/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		5/28/91	TH

BARBER - M24 0037237		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	6	5	5			5-28-91	DH
	G) Safety Off Force	3	3	3			5-28-91	DH
	H) Trigger Pull Test & Retainability						6-28-91	JH
	I) Firing Pin Indent	.020	.020	.020			5-28-91	DH
	J) Assemble Stock						5-29-91	Rw
	K) Assemble Swivel Studs						6-13-91	A
	L) Attach Front and Rear Sight Assemblies						5-29-91	Rw
	M) Iron Sight Alignment						5-29-91	Rw
	N) Detach Front & Rear Sights & place in numbered container						5-29-91	Rw
	O) Attach Scope to Rifle						5-29-91	Rw
	P) Detach & Attach Scope 20 Times						5-29-91	Rw
640	Gallery Target & Test						5-31-91	AC
	A) Time						5-31-91	AC
	B) Malfunctions						5-31-91	AC
	C) Pierced Primers						5-31-91	AC
	D) Optical Clarity of Scope						5-31-91	AC
645	Inspect for Live Ammo						5-31-91	AC
655	Final Inspection							
	A) Headspace						6-13-91	AC
	B) Trigger Pull	2.48	2.30	2.36	2.39	2.44	6-13-91	JH
	C) Function						6-13-91	AC
660	Pack						6-20-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6636061

DATE 5/28/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.58	2.50	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.68	2.48	2.30	
PULL #3	2.48	2.59	2.58	2.36	
PULL #4	2.44	2.57	2.51	2.39	
PULL #5	2.62	2.53	2.56	2.44	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.29		
PULL #2	3.21	3.21		
PULL #3	3.21	3.23		
PULL #4	3.53	3.32		
PULL #5	3.61	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.51	4.42		4.42
PULL #2	4.50	4.49		4.36
PULL #3	4.51	4.47		4.35
PULL #4	4.46	4.49		4.37
PULL #5	4.48	4.44		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636061
31 May 1991

CENTROIDAL DISTANCES

0 TO	1	.256223
1 TO	2	.304016
1 TO	3	.345254
1 TO	4	.522885
1 TO	5	.325983

29
14, <----POA

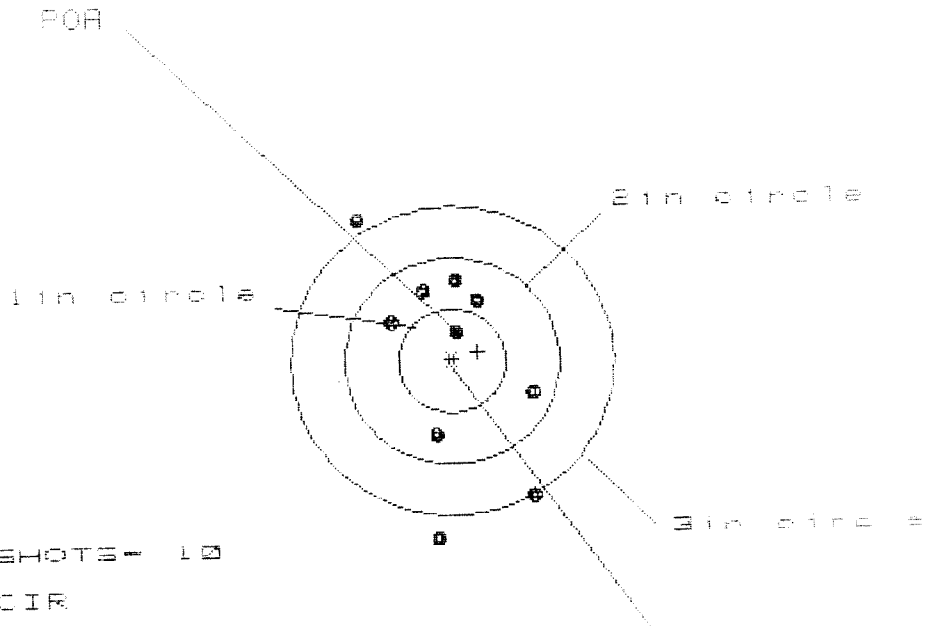
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0552
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0352
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0654512
THE RMR FOR THIS RIFLE IS: .821

31 May 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C853B8861

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 7

HS = 1.571

VS = 3.082

GS = 3.160

CENTROID *

PATTERN #

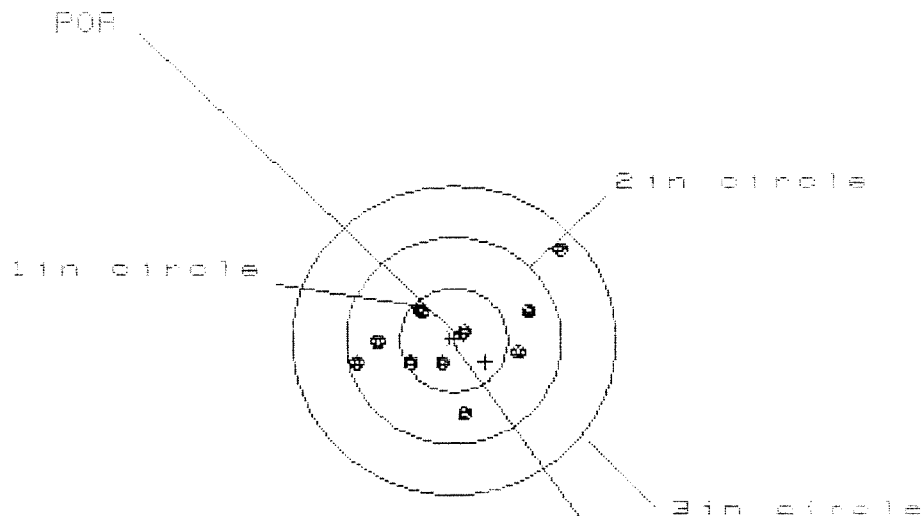
1

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.752	.739	.635
MINIMUM X	-.819	-.832	-.628
MAXIMUM Y	1.356	1.164	.708
MINIMUM Y	-1.726	-1.492	-1.346
CENTROID X	-.241	-.228	-.124
CENTROID Y	-.087	.105	-.041
POA TO CENTROID in.	.257	.251	.130
MIN RADIUS	.301	.117	.250
MEAN RADIUS	.949	.805	.758
MAX RADIUS	1.730	1.665	1.488
HORIZONTAL SPREAD	1.571	1.571	1.263
VERTICAL SPREAD	3.082	2.656	2.054
EXTREME SPREAD	3.160	3.086	2.257
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		7	

31 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06B36061

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

H0 = 1.858

V0 = 1.616

G0 = 2.189

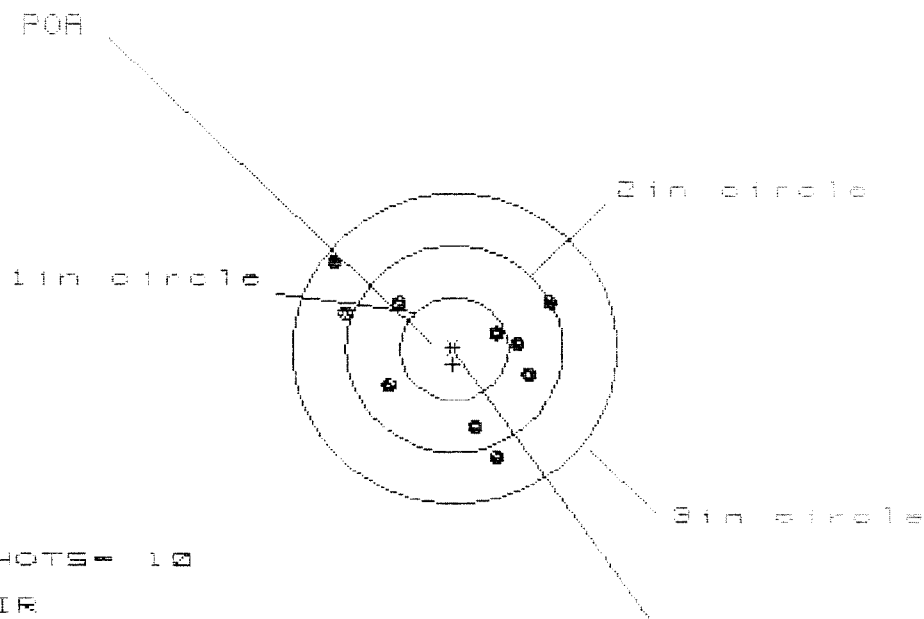
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.974	.851	.754
MINIMUM X	:	-.884	-.776	-.705
MAXIMUM Y	:	.923	.385	.269
MINIMUM Y	:	-.693	-.591	-.607
CENTROID X	:	-.296	-.404	-.307
CENTROID Y	:	.212	.110	.126
POF TO CENTROID in.	:	.364	.419	.332
MIN RADIUS	:	.140	.119	.101
MEAN RADIUS	:	.629	.529	.499
MAX RADIUS	:	1.342	.917	.821
HORIZONTAL SPREAD	:	1.858	1.627	1.459
VERTICAL SPREAD	:	1.616	.976	.976
EXTREME SPREAD	:	2.189	1.695	1.487
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

31 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08030001

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 10

HS = 2.065

VS = 1.865

GS = 2.434

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.935	.810	.848
MINIMUM X	-1.130	-1.108	-1.070
MAXIMUM Y	.802	.565	.444
MINIMUM Y	-1.063	-.974	-.737
CENTROID X	.011	.136	.098
CENTROID Y	.149	.060	.181
POA TO CENTROID in.	.149	.149	.206
MIN RADIUS	.433	.387	.341
MEAN RADIUS	.841	.756	.720
MAX RADIUS	1.386	1.210	1.130
HORIZONTAL SPREAD	2.065	1.918	1.918
VERTICAL SPREAD	1.865	1.539	1.180
EXTREME SPREAD	2.434	2.035	1.920
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

31 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08636061

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID +

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 7

HS= 2.588

VS= 2.721

GS= 3.171

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.588

1.667

1.701

MINIMUM X

-.921

-.842

-.634

MAXIMUM Y

1.188

1.018

1.063

MINIMUM Y

-1.533

-.774

-.729

CENTROID X

.259

.180

-.028

CENTROID Y

-.240

-.070

-.115

POA TO CENTROID in.

.353

.193

.118

MIN RADIUS

.161

.135

.343

MEAN RADIUS

.915

.825

.705

MAX RADIUS

1.688

1.786

1.238

HORIZONTAL SPREAD

2.589

2.509

1.335

VERTICAL SPREAD

2.721

1.792

1.792

EXTREME SPREAD

3.171

2.593

2.136

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

7

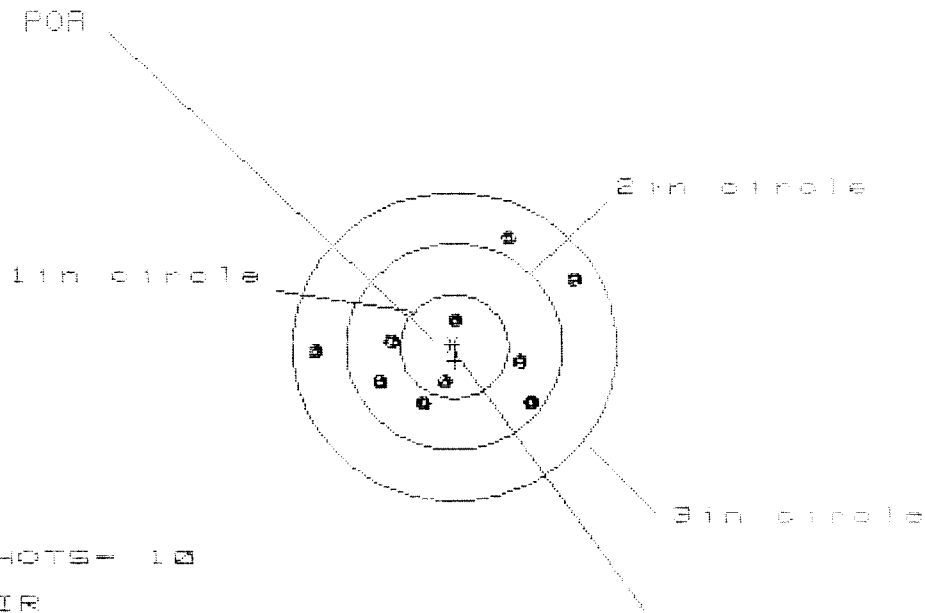
NUMBER IN THREE INCH CIRCLE =

7

31 May 1981

FILE:/PATTERNING/CENTERFIRE_PATT/0863B081

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.363

VS= 1.611

GS= 2.441

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.024	.931	.702
MINIMUM X	-1.289	-.784	-.667
MAXIMUM Y	1.028	1.028	1.105
MINIMUM Y	-.584	-.583	-.506
CENTROID X	-.009	.134	.017
CENTROID Y	.142	.141	.064
POA TO CENTROID in.	.142	.194	.066
MIN RADIUS	.229	.262	.291
MEAN RADIUS	.771	.716	.641
MAX RADIUS	1.289	1.118	1.192
HORIZONTAL SPREAD	2.363	1.715	1.369
VERTICAL SPREAD	1.611	1.611	1.011
EXTREME SPREAD	2.441	1.950	1.766
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	