

C6636041

MODEL 700™ M24

Model **SMS**™

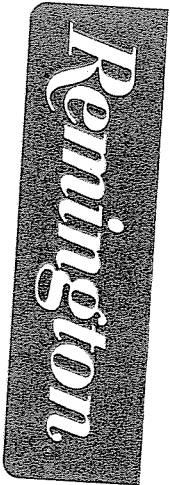
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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.
C6636041

ORDER NO.
5716

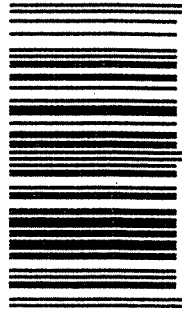
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6636041

UPC



0 47700 25716 7

GUN SERIAL # C6636041

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/1/91	KS
600	Proof		5/1/91	KS
607	Check Headspace		5/1/91	KS
610	Dis-assemble Gun		5/1/91	KS
612	Magnaflux Barrel Action	5 8 9 1		KCR
	Magnaflux Bolt	5 8 9 1		KCR
615	Rollmark Caliber	5 8 9 1		GS
617	Drill and Tap Sight Holes	5 15 9 1		FB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5-31-91	JA
	Apply Coating (Bolt)		5-31-91	JA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/5/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/5/91	KS
	C) Inspect Ejector Hole for Chamfer		5/5/91	KS
	D) Oil Firing Pin Ass'y		5/5/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6-6-91	JAL

op. #	BARBER - M24 0037008	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-6-91	JH
	G) Safety Off Force	4	4	4			6-6-91	JH
	H) Trigger Pull Test & Retainability						6-6-91	JH
	I) Firing Pin Indent	.0215	.021	.021			6-6-91	JH
	J) Assemble Stock						6-6-91	KS
	K) Assemble Swivel Studs						6-13-91	AC
	L) Attach Front and Rear Sight Assemblies						6/4/91	KS
	M) Iron Sight Alignment						6/6/91	KS
	N) Detach Front & Rear Sights & place in numbered container						6/6/91	KS
	O) Attach Scope to Rifle						6/4/91	KS
	P) Detach & Attach Scope 20 Times						6/6/91	KS
640	Gallery Target & Test						6-7-91	DH
	A) Time						6-7-91	DH
	B) Malfunctions						6-7-91	DH
	C) Pierced Primers						6-7-91	DH
	D) Optical Clarity of Scope						6-7-91	DH
645	Inspect for Live Ammo						6-7-91	DH
655	Final Inspection							
	A) Headspace						6-13-91	AC
	B) Trigger Pull	2.49	2.43	2.42	2.37	2.40	6-13-91	JH
	C) Function						6-13-91	AC
660	Pack						6-20-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. 06636041DATE 6-6-91TESTER JLP.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.37	2.38	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.34	2.30	2.43	
PULL #3	2.31	2.37	2.35	2.42	
PULL #4	2.29	2.33	2.34	2.37	
PULL #5	2.34	2.34	2.44	2.40	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.46		
PULL #2	3.58	3.37		
PULL #3	3.61	3.39		
PULL #4	3.67	3.37		
PULL #5	3.65	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.39		4.40
PULL #2	4.40	4.45		4.50
PULL #3	4.46	4.49		4.45
PULL #4	4.51	4.42		4.45
PULL #5	4.44	4.44		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636041
7 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.582409
1 TO	2	.361168
1 TO	3	.607211
1 TO	4	1.002
1 TO	5	.624628

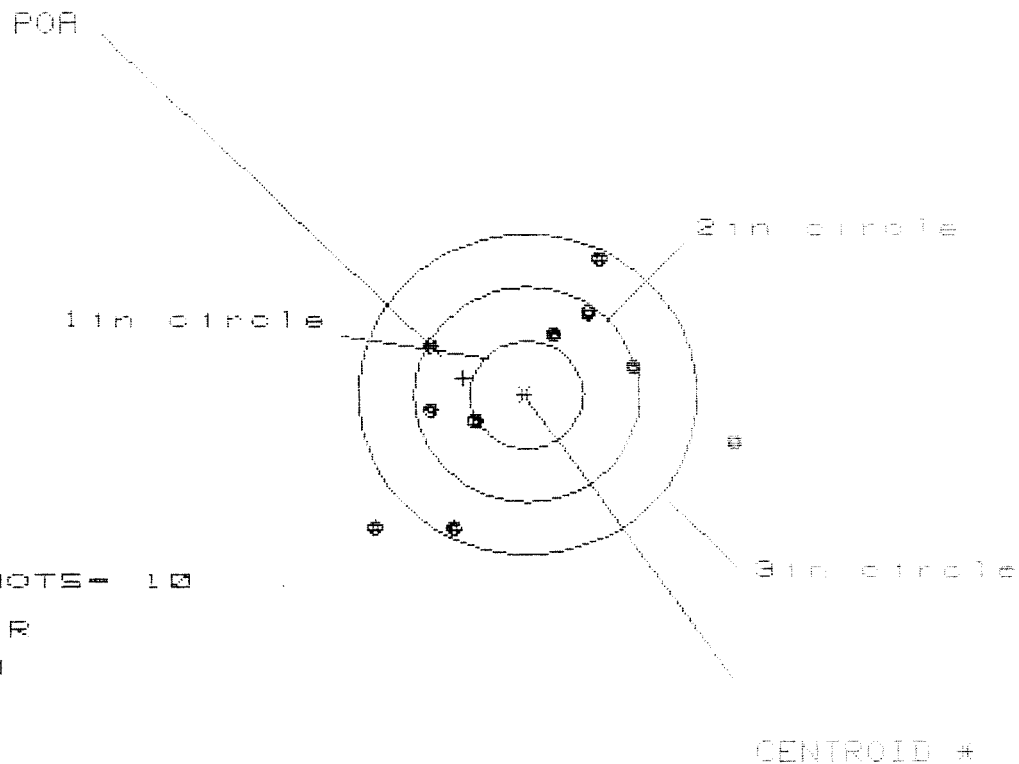
+ 9 2
1 (----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0912
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.057
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .107541
THE AMR FOR THIS RIFLE IS: .892

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08635041

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 8

HS= 3.222

VS= 2.562

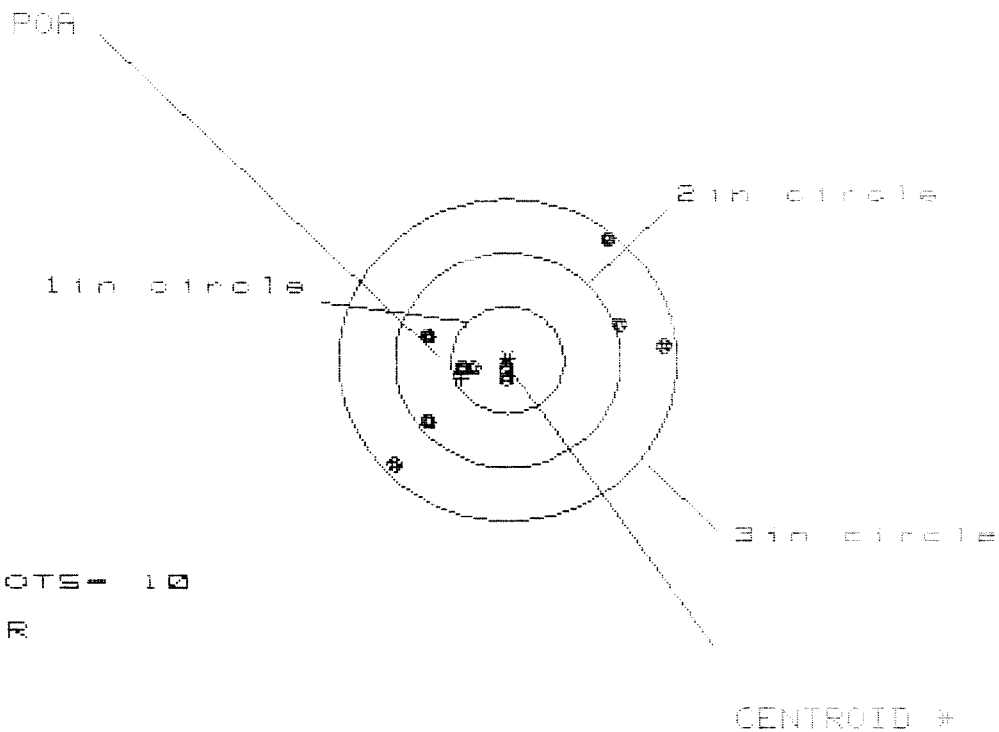
GS= 3.331

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.840	1.142	.995
MINIMUM X	:	-1.382	-1.177	-.827
MAXIMUM Y	:	1.275	1.226	1.059
MINIMUM Y	:	-1.287	-1.336	-1.418
CENTROID X	:	.560	.355	.502
CENTROID Y	:	-.160	-.111	.056
POA TO CENTROID in.	:	.582	.372	.505
MIN RADIUS	:	.550	.399	.479
MEAN RADIUS	:	1.161	1.051	.944
MAX RADIUS	:	1.893	1.781	1.556
HORIZONTAL SPREAD	:	3.222	2.319	1.822
VERTICAL SPREAD	:	2.562	2.562	2.477
EXTREME SPREAD	:	3.331	3.291	2.836
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08638041

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 10

HS= 2.374

VS= 2.042

GS= 2.739

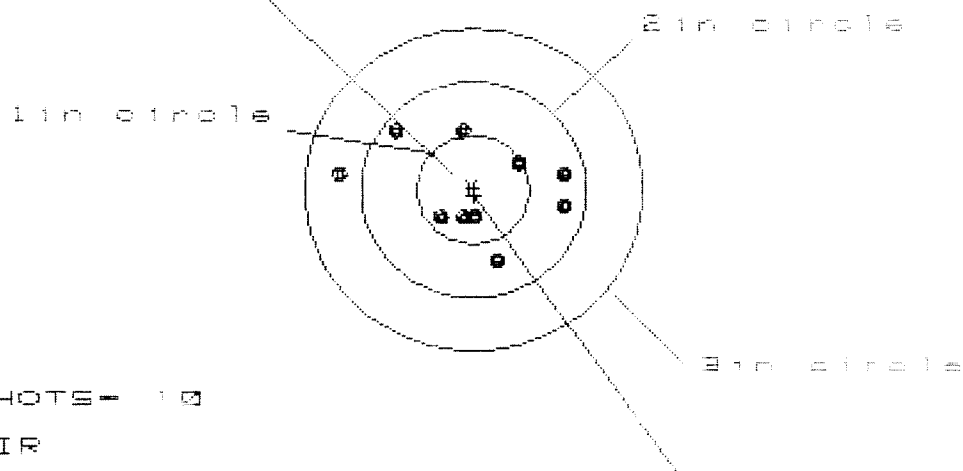
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.387	1.481	1.262
MINIMUM X	:	-.987	-.893	-.708
MAXIMUM Y	:	1.116	.461	.490
MINIMUM Y	:	-.925	-.801	-.772
CENTROID X	:	.411	.317	.132
CENTROID Y	:	.169	.044	.015
POA TO CENTROID in.	:	.444	.320	.133
MIN RADIUS	:	.094	.056	.131
MEAN RADIUS	:	.779	.664	.534
MAX RADIUS	:	1.397	1.499	1.354
HORIZONTAL SPREAD	:	2.374	2.374	1.970
VERTICAL SPREAD	:	2.042	1.262	1.262
EXTREME SPREAD	:	2.739	2.591	2.040
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06536041

CENTERFIRE PATTERNS # 3

POB



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS= 1.996

VS= 1.170

GS= 2.000

CENTROID #

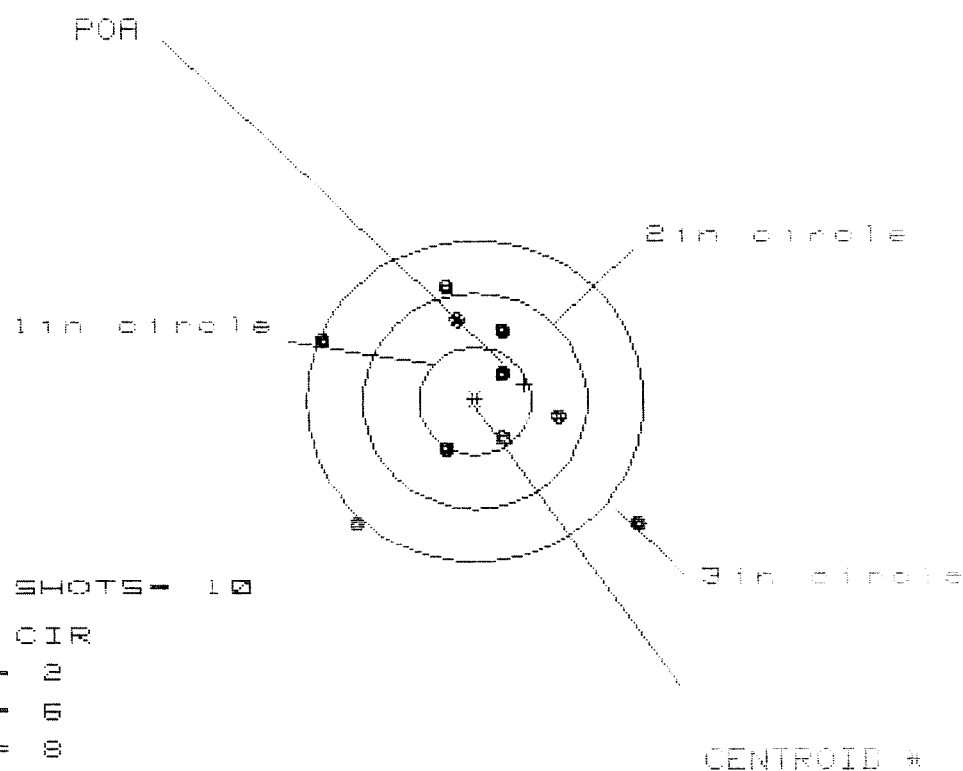
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.854	.727	.626
MINIMUM X	:	-1.142	-.811	-.496
MAXIMUM Y	:	.559	.573	.642
MINIMUM Y	:	-.611	-.597	-.528
CENTROID X	:	-.009	.118	.219
CENTROID Y	:	.052	.038	-.031
POB TO CENTROID in.	:	.053	.124	.222
MIN RADIUS	:	.297	.323	.336
MEAN RADIUS	:	.640	.577	.518
MAX RADIUS	:	1.149	.981	.719
HORIZONTAL SPREAD	:	1.996	1.538	1.122
VERTICAL SPREAD	:	1.170	1.170	1.170
EXTREME SPREAD	:	2.000	1.684	1.197
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Jun 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06036041

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 6

3 in - 8

HS- 2.758

VS= 2.245

GS= 3.284

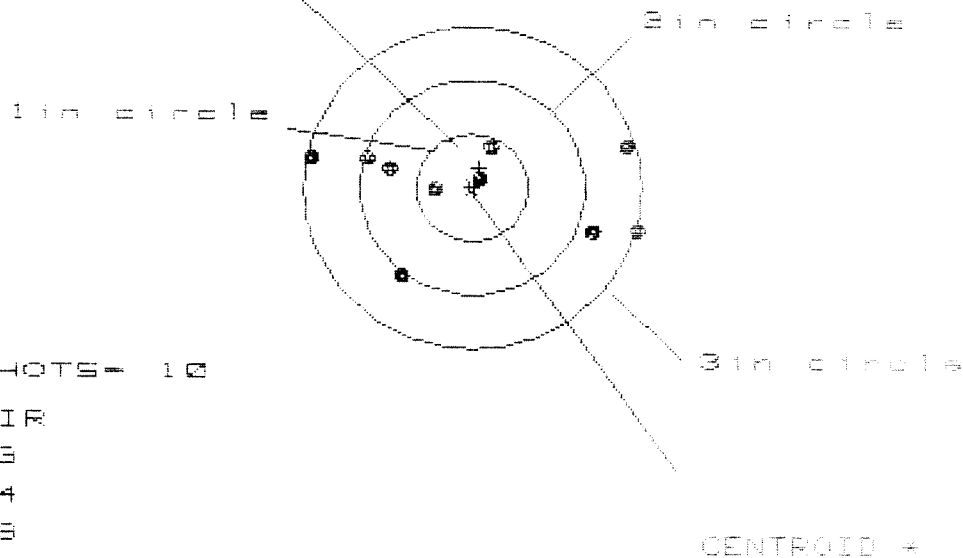
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.448	.934	.827
MINIMUM X	:	-1.318	-1.158	-1.264
MAXIMUM Y	:	1.069	.938	.777
MINIMUM Y	:	-1.176	-1.288	-1.764
CENTROID X	:	-.442	-.602	-.495
CENTROID Y	:	-.158	-.027	.134
POA TO CENTROID in.	:	.469	.602	.513
MIN RADIUS	:	.302	.385	.262
MEAN RADIUS	:	.951	.853	.728
MAX RADIUS	:	1.859	1.542	1.303
HORIZONTAL SPREAD	:	2.758	2.092	2.092
VERTICAL SPREAD	:	2.245	2.226	1.541
EXTREME SPREAD	:	3.284	2.360	2.233
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636041

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 2.896

VS= 1.270

GS= 2.982

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.491
MINIMUM X	-1.405
MAXIMUM Y	.426
MINIMUM Y	-.844
CENTROID X	-.064
CENTROID Y	-.188
FOR TO CENTROID in.	.199
MIN RADIUS	.093
MEAN RADIUS	.929
MAX RADIUS	1.553
HORIZONTAL SPREAD	2.896
VERTICAL SPREAD	1.270
EXTREME SPREAD	2.982
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	4
NUMBER IN THREE INCH CIRCLE	9