

C6636200

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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

MODEL 700™ H24

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

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

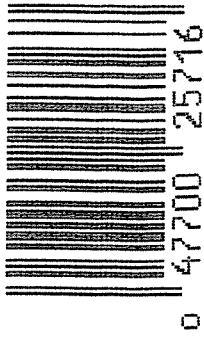
SERIAL NO.
 C6636200

ORDER NO.
 5716

Ø6



UPC



Stock
Repaired

GUN SERIAL # C6636200

OP. #	OP. NAME	READINGS	DATE	INIT.
575 & 580	Assemble Action and Stock	4 30 91		RW
600	Proof	4 30 91		RW
607	Check Headspace	4 30 91		RW
610	Dis-assemble Gun	4 30 91		RW
612	Magnaflux Barrel Action	5 6 91		KCK
	Magnaflux Bolt	5 6 91		KCK
615	Rollmark Caliber	5 6 91		CS
617	Drill and Tap Sight Holes	5 10 91		FB
618	Polish Barrel	5 10 91		WB
620	Apply Coatings (Barrel Action)			7/30
	Apply Coating (Bolt)			7/30
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/30/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/91	RW
	C) Inspect Ejector Hole for Chamfer		5/30/91	RW
	D) Oil Firing Pin Ass'y		5/30/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-5-91	SM

op. #	BARBER M24 0031660	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5 ³ ₄	5			6-5-91	DH
	G) Safety Off Force	3	3	3			6-5-91	DH
	H) Trigger Pull Test & Retainability						6-5-91	JH
	I) Firing Pin Indent	.020	.020	.020			6-5-91	DH
	J) Assemble Stock						6-15-91	RW
	K) Assemble Swivel Studs						6-14-91	JH
	L) Attach Front and Rear Sight Assemblies						6-15-91	RW
	M) Iron Sight Alignment						6-15-91	RW
	N) Detach Front & Rear Sights & place in numbered container						6-15-91	RW
	O) Attach Scope to Rifle						6-15-91	RW
	P) Detach & Attach Scope 20 Times						6-15-91	RW
640	Gallery Target & Test						6-16-91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						6-16-91	KT
655	Final Inspection							
	A) Headspace						6-14-91	JH
	B) Trigger Pull	2.69	2.65	2.67	2.58	2.67	6-13-91	JH
	C) Function						6-14-91	JH
660	Pack						6-20-91	VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6636200

DATE 6-5-91

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.58	2.45	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.39	2.37	2.65	
PULL #3	2.44	2.61	2.21	2.67	
PULL #4	2.54	2.53	2.31	2.58	
PULL #5	2.47	2.26	2.33	2.67	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.29		
PULL #2	3.45	3.40		
PULL #3	3.43	3.30		
PULL #4	3.42	3.37		
PULL #5	3.26	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.44		4.50
PULL #2	4.41	4.38		4.46
PULL #3	4.31	4.48		4.45
PULL #4	4.39	4.28		4.51
PULL #5	4.20	4.46		
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636200
6 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.246148
1 TO	2	.528788
1 TO	3	.320408
1 TO	4	.149164
1 TO	5	.169446

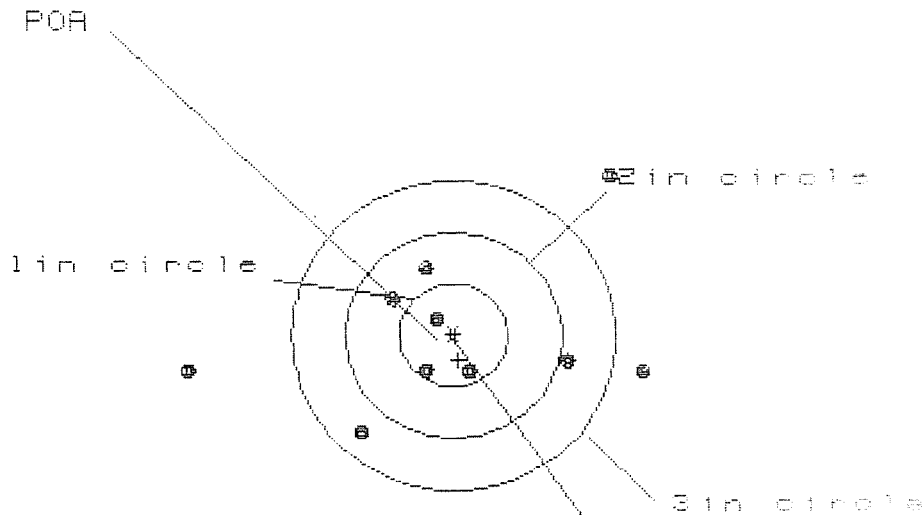
$\frac{51.9}{4.2}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .019
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0708
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0733051
THE AMR FOR THIS RIFLE IS: .921

6 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636200

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS= 4.149

VS= 2.532

GS= 4.372

CENTROID #

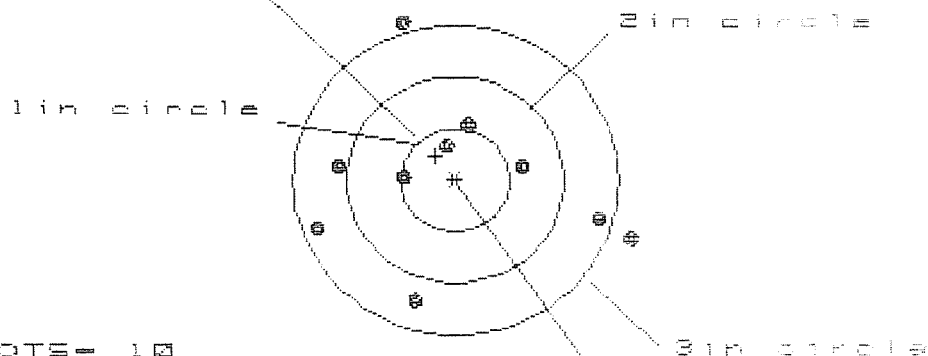
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.698	1.426	1.577
MINIMUM X	-2.451	-1.078	-.927
MAXIMUM Y	1.551	1.511	.769
MINIMUM Y	-.981	-1.021	-.832
CENTROID X	-.045	.227	.076
CENTROID Y	.242	.282	.093
POA TO CENTROID in.	.246	.362	.120
MIN RADIUS	.205	.419	.232
MEAN RADIUS	1.112	.992	.818
MAX RADIUS	2.478	1.934	1.593
HORIZONTAL SPREAD	4.149	2.504	2.504
VERTICAL SPREAD	2.532	2.532	1.601
EXTREME SPREAD	4.372	3.411	2.576
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

8 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636200

CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.875

VS = 2.742

GS = 3.017

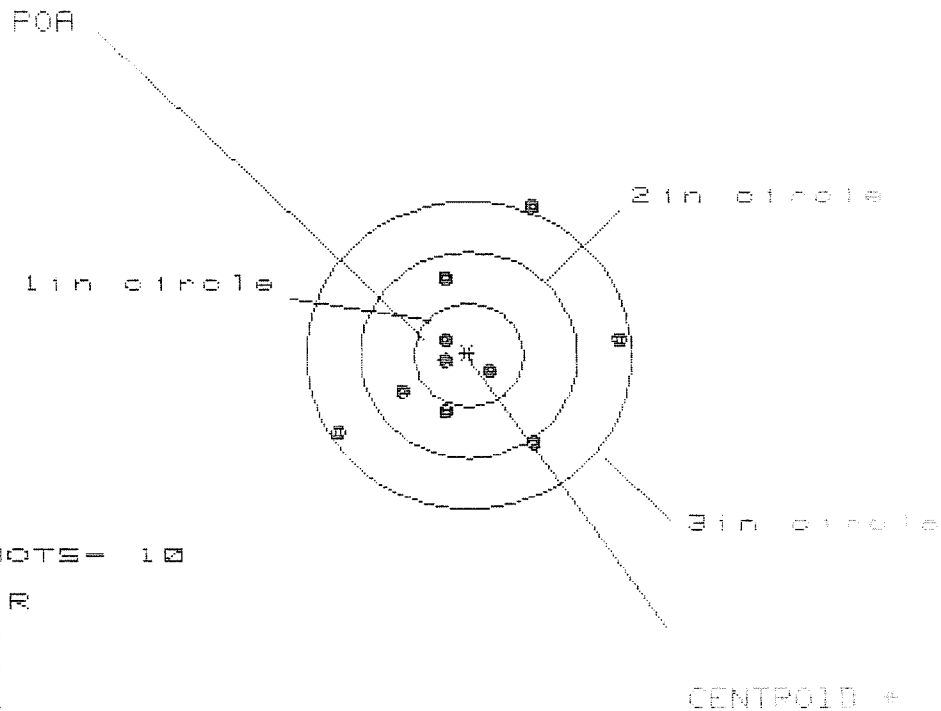
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.635	1.518	1.479
MINIMUM X	:	-1.240	-1.058	-1.097
MAXIMUM Y	:	1.532	1.465	1.648
MINIMUM Y	:	-1.210	-1.277	-1.094
CENTROID X	:	.179	-.003	.036
CENTROID Y	:	-.237	-.170	-.353
POA TO CENTROID in.	:	.297	.170	.355
MIN RADIUS	:	.364	.294	.372
MEAN RADIUS	:	1.043	.933	.881
MAX RADIUS	:	1.743	1.585	1.504
HORIZONTAL SPREAD	:	2.875	2.576	2.576
VERTICAL SPREAD	:	2.742	2.742	1.742
EXTREME SPREAD	:	3.017	2.745	2.577
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636200

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.596

VS= 2.283

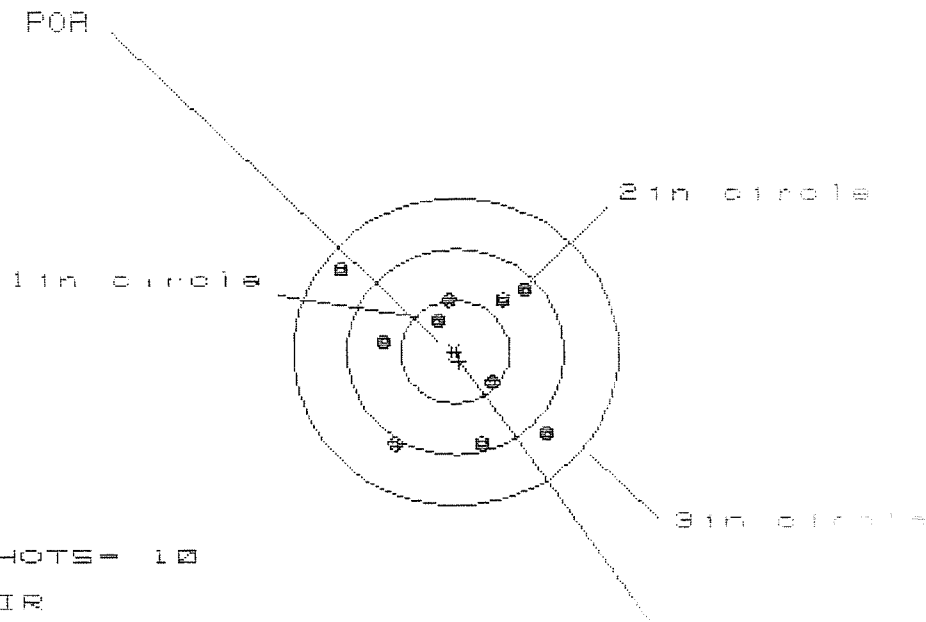
GS= 2.919

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.369	1.435	1.296
MINIMUM X	-1.227	-1.161	-.680
MAXIMUM Y	1.481	.937	.858
MINIMUM Y	-.802	-.637	-.716
CENTROID X	.210	.144	.289
CENTROID Y	.048	-.117	-.038
POA TO CENTROID in.	.216	.185	.291
MIN RADIUS	.238	.190	.130
MEAN RADIUS	.828	.719	.653
MAX RADIUS	1.597	1.477	1.318
HORIZONTAL SPREAD	2.596	2.596	1.970
VERTICAL SPREAD	2.283	1.574	1.574
EXTREME SPREAD	2.919	2.775	2.029
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

6 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636200

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.889

VS= 1.721

GS= 2.468

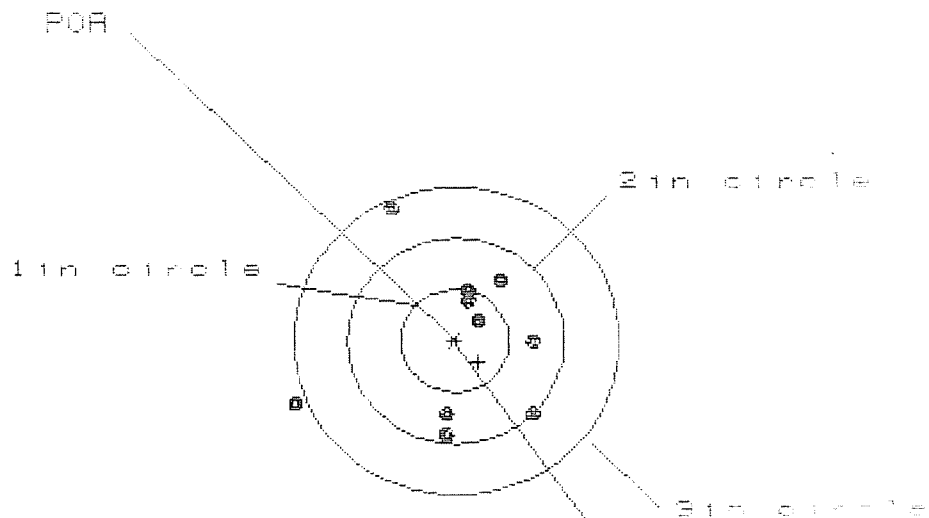
CENTROID +

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.822	.783	.580
MINIMUM X	-1.067	-.777	-.689
MAXIMUM Y	.845	.681	.600
MINIMUM Y	-.876	-.782	-.864
CENTROID X	-.038	.081	-.087
CENTROID Y	.093	-.001	.081
POA TO CENTROID in.	.101	.081	.081
MIN RADIUS	.294	.316	.319
MEAN RADIUS	.783	.716	.671
MAX RADIUS	1.361	1.008	1.022
HORIZONTAL SPREAD	1.889	1.480	1.269
VERTICAL SPREAD	1.721	1.463	1.463
EXTREME SPREAD	2.468	1.847	1.847
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

5 JUN 1981

FILE:/PATTERNING/CENTERFIRE_PATT/09835200

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 2.211

VS = 2.179

GS = 2.368

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.710
MINIMUM X	-1.501
MAXIMUM Y	1.244
MINIMUM Y	-.935
CENTROID X	-.211
CENTROID Y	.208
POA TO CENTROID in.	.296
MIN RADIUS	.287
MEAN RADIUS	.839
MAX RADIUS	1.612
HORIZONTAL SPREAD	2.211
VERTICAL SPREAD	2.179
EXTREME SPREAD	2.368
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9