

C6636141

MODEL 700™ M24

Model **SNS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®

MODEL 700™ H24

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

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

SERIAL NO.
C6636141

ORDER NO.
5716

20

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



5716 C6636141

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636141

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2	9 1	RW
600	Proof	5 2	9 1	RW
607	Check Headspace	5 2	9 1	RW
610	Dis-assemble Gun	5 2	9 1	RW
612	Magnaflux Barrel Action	5 2	9 1	KCD
	Magnaflux Bolt	5 2	9 1	KCD
615	Rollmark Caliber	5 2	9 1	GL
617	Drill and Tap Sight Holes	5 15	9 1	FB
618	Polish Barrel	5 15	9 1	WB
620	Apply Coatings (Barrel Action)		5-29-91	TA
	Apply Coating (Bolt)			P
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		5/31/91	JP

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-31-91	DH
	G) Safety Off Force	3	3	3			5-31-91	DH
	H) Trigger Pull Test & Retainability						6/3/91	JH
	I) Firing Pin Indent	.021	.021	.021			5-31-91	DH
	J) Assemble Stock						6/1/91	RW
	K) Assemble Swivel Studs						6-8-91	D/H
	L) Attach Front and Rear Sight Assemblies						6/1/91	RW
	M) Iron Sight Alignment						6/1/91	RW
	N) Detach Front & Rear Sights & place in numbered container						6/1/91	RW
	O) Attach Scope to Rifle						6/1/91	RW
	P) Detach & Attach Scope 20 Times						6/1/91	RW
640	Gallery Target & Test						6-3-91	AC
	A) Time						6-3-91	AC
	B) Malfunctions						6-3-91	AC
	C) Pierced Primers						6-3-91	AC
	D) Optical Clarity of Scope						6-3-91	AC
645	Inspect for Live Ammo						6-3-91	AC
655	Final Inspection							
	A) Headspace						6-8-91	D/H
	B) Trigger Pull	2.50	2.48	2.45	2.46	2.45	6-8-91	JH
	C) Function						6-8-91	D/H
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 C6636141

DATE 5/31/91

TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.56	2.50	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.41	2.51	2.48	
PULL #3	2.22	2.44	2.48	2.65	
PULL #4	2.60	2.48	2.46	2.66	
PULL #5	2.42	2.48	2.50	2.65	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.61	3.68		
PULL #2	3.66	3.40		
PULL #3	3.56	3.57		
PULL #4	3.67	3.63		
PULL #5	3.69	3.61		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.48		4.42
PULL #2	4.41	4.58		4.56
PULL #3	4.58	4.43		4.38
PULL #4	4.42	4.41		4.42
PULL #5	4.44	4.37		4.44
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636141
3 Jun 1991

CENTROIDAL DISTANCES

0 TO 1	.218317
1 TO 2	.324039
1 TO 3	.341669
1 TO 4	.277103
1 TO 5	.165221

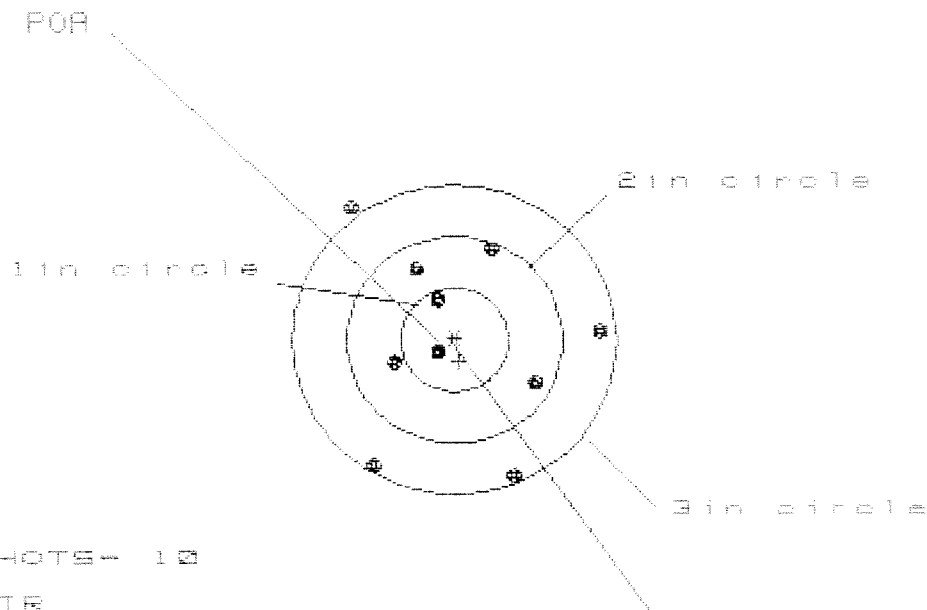
 E ----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0226
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0262
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0346006
THE AMR FOR THIS RIFLE IS: .8628

3 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08636141

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.302

VS= 2.642

GS= 3.030

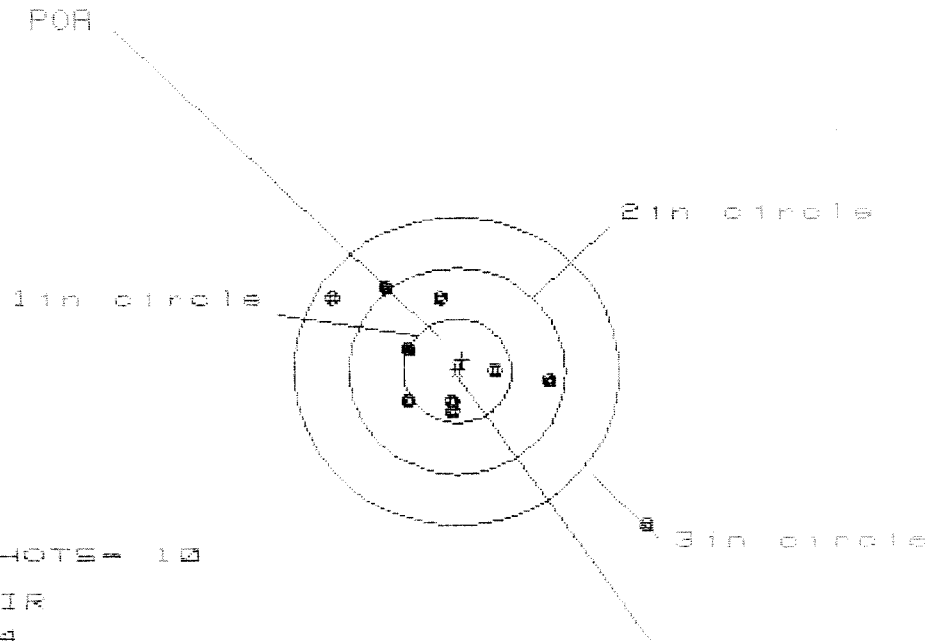
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.343	1.237	1.289
MINIMUM X	-1.959	-1.838	-1.736
MAXIMUM Y	1.286	1.061	.909
MINIMUM Y	-1.356	-1.213	-1.207
CENTROID X	-.043	.063	.011
CENTROID Y	.212	.069	.221
POA TO CENTROID in.	.217	.094	.221
MIN RADIUS	.197	.246	.244
MEAN RADIUS	.965	.905	.830
MAX RADIUS	1.684	1.348	1.440
HORIZONTAL SPREAD	2.302	2.075	2.075
VERTICAL SPREAD	2.642	2.274	2.116
EXTREME SPREAD	3.030	2.444	2.444
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

3 Jun 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 9

HS = 2.821

VS = 2.299

GS = 3.573

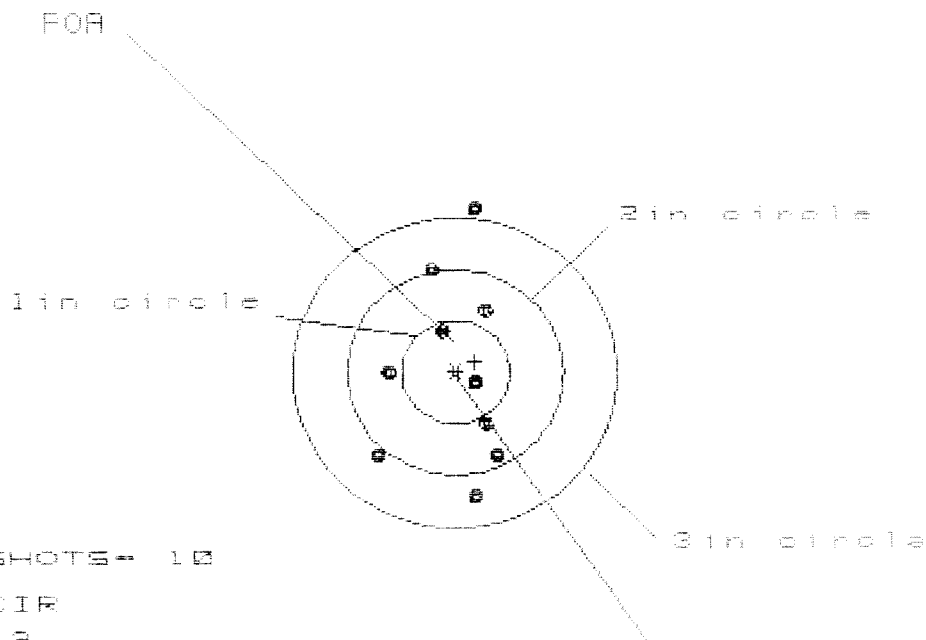
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.789	1.017	.982
MINIMUM X	-1.112	-.922	-.578
MAXIMUM Y	.859	.699	.773
MINIMUM Y	-1.440	-.518	-.444
CENTROID X	-.048	-.238	-.123
CENTROID Y	-.112	.048	-.026
POA TO CENTROID in.	.122	.243	.125
MIN RADIUS	.324	.249	.376
MEAN RADIUS	.832	.663	.596
MAX RADIUS	2.235	1.096	.965
HORIZONTAL SPREAD	2.821	1.939	1.480
VERTICAL SPREAD	2.299	1.217	1.217
EXTREME SPREAD	3.573	2.114	1.758
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

3 Jun 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.169

VS= 2.830

GS= 2.830

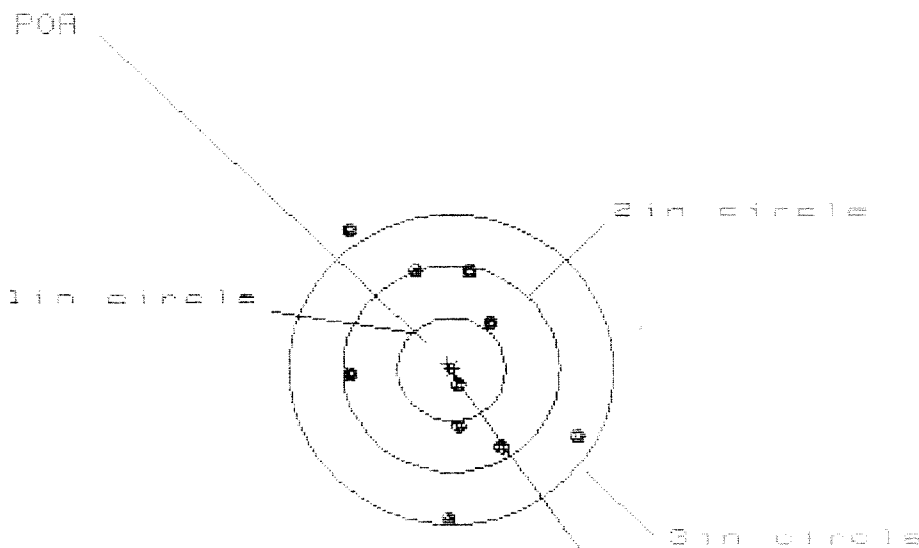
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.412
MINIMUM X	-.757
MAXIMUM Y	1.590
MINIMUM Y	-1.240
CENTROID X	-.180
CENTROID Y	-.101
POA TO CENTROID in.	.206
MIN RADIUS	.211
MEAN RADIUS	.839
MAX RADIUS	1.606
HORIZONTAL SPREAD	1.169
VERTICAL SPREAD	2.830
EXTREME SPREAD	2.830
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

3 Jun 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.051

VS= 2.746

GS= 2.877

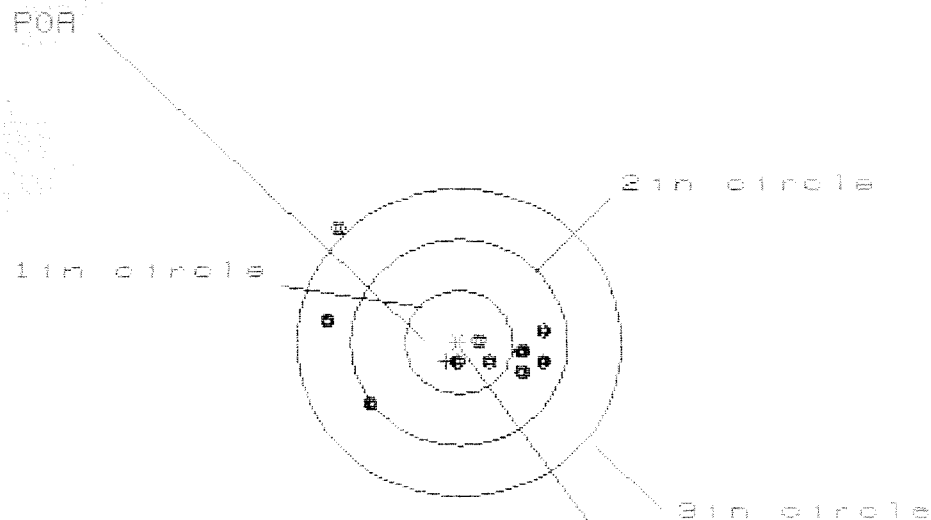
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.135	1.037	1.020
MINIMUM X	:	-.916	-1.014	-1.031
MAXIMUM Y	:	1.323	1.094	.934
MINIMUM Y	:	-1.423	-1.276	-.772
CENTROID X	:	.038	.136	.153
CENTROID Y	:	-.053	-.200	-.040
POA TO CENTROID in.	:	.065	.242	.158
MIN RADIUS	:	.172	.045	.184
MEAN RADIUS	:	.938	.836	.788
MAX RADIUS	:	1.594	1.283	1.218
HORIZONTAL SPREAD	:	2.051	2.051	2.051
VERTICAL SPREAD	:	2.746	2.370	1.706
EXTREME SPREAD	:	2.877	2.379	2.175
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

3 Jun 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 3

2in = 8

3in = 9

HS = 2.085

VS = 1.649

GS = 2.348

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.022
MINIMUM X	-1.264
MAXIMUM Y	1.092
MINIMUM Y	-.556
CENTROID X	.120
CENTROID Y	.185
POA TO CENTROID in.	.220
MIN RADIUS	.180
MEAN RADIUS	.740
MAX RADIUS	1.573
HORIZONTAL SPREAD	2.085
VERTICAL SPREAD	1.649
EXTREME SPREAD	2.348
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	8
NUMBER IN THREE INCH CIRCLE	9