

C6523314

MODEL 700™ M24

Model S&S™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.



Remington®
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

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

SERIAL NO.
06523314

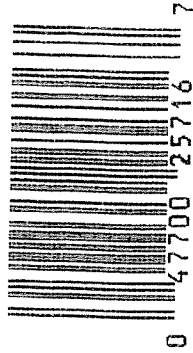
ORDER NO.
5715

01

06523314

5715 06523314

UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523314

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	SL
617	Drill and Tap Sight Holes		9/28/90	FEB
618	Polish Barrel RB		10/1/90	WB
620	Apply Coatings (Barrel Action)		5-90	TJA
	Apply Coating (Bolt)		10	
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/9/90	WB

op. #	BARBER - M24 0005934	READINGS			DATE	INIT
	OP. NAME					
625 cont.	F) Safety On Force	4 3/4	4 3/4	4 3/4	10/2/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	10/9/90	WB
	H) Trigger Pull Test & Retainability				10/9/90	WB
	I) Firing Pin Indent	.0225	.0225	.0225	10/9/90	WB
	J) Assemble Stock				10/10/90	RW
	K) Assemble Swivel Studs				10/10/90	RB
	L) Attach Front and Rear Sight Assemblies				10/10/90	RW
	M) Iron Sight Alignment				10/10/90	RW
	N) Detach Front & Rear Sights & place in numbered container				10/10/90	RW
	O) Attach Scope to Rifle				10/10/90	RW
	P) Detach & Attach Scope 20 Times				10/10/90	RW
640	Gallery Target & Test				10-15-90	K T
	A) Time				10-15-90	K T
	B) Malfunctions				10-15-90	K T
	C) Pierced Primers				10-15-90	K T
	D) Optical Clarity of Scope				10-15-90	K T
645	Inspect for Live Ammo				10-15-90	K T
655	Final Inspection				10/30/90	RB
	A) Headspace				10/30/90	RB
	B) Trigger Pull	220	223	229 225 226	10/30/90	RB
	C) Function				10/30/90	RB
660	Pack				12/18/90	RF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C 6523314DATE 10/9/90TESTER WAB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.22	2.32	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.32	2.37	2.31	
PULL #3	2.50	2.38	2.37	2.29	
PULL #4	2.52	2.27	2.21	2.25	
PULL #5	2.49	2.35	2.34	2.26	
TOTAL	12.40	11.54	11.61		
AVG.	2.48	2.31	2.32		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.18		
PULL #2	3.16	3.18		
PULL #3	3.26	3.05		
PULL #4	3.31	3.17		
PULL #5	3.32	3.21		
TOTAL	16.33	15.79		
AVG.	3.27	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.25		4.01
PULL #2	4.18	4.15		4.04
PULL #3	4.21	4.14		4.07
PULL #4	4.19	4.14		4.04
PULL #5	4.18	4.14		4.03
TOTAL	21.00	20.82		20.19
AVG.	4.20	4.16		4.04

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523314
16 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.190011
1 TO	2	.0835464
1 TO	3	.417008
1 TO	4	.353112
1 TO	5	.277583

4 <----POR

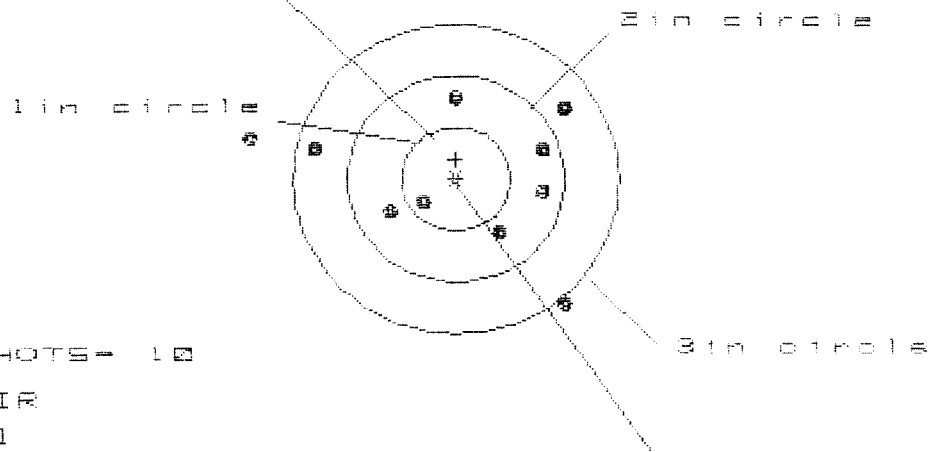
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0004
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .01
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .010008
THE AMR FOR THIS RIFLE IS: .9328

18 Oct 1998

FILE://PATTERNING/CENTERFIRE_PATT/08523314

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.897

VS= 1.999

GS= 3.316

CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.011	.802	.898
MINIMUM X	:	-1.886	-1.489	-1.393
MAXIMUM Y	:	.740	.784	.632
MINIMUM Y	:	-1.259	-1.215	-.619
CENTROID X	:	.002	.211	.114
CENTROID Y	:	-.190	-.234	-.082
POA TO CENTROID in.	:	.190	.315	.141
MIN RADIUS	:	.375	.522	.529
MEAN RADIUS	:	1.021	.898	.829
MAX RADIUS	:	1.928	1.520	1.401
HORIZONTAL SPREAD	:	2.897	2.291	2.291
VERTICAL SPREAD	:	1.999	1.999	1.251
EXTREME SPREAD	:	3.316	2.728	2.336
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

16 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523314

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.435

VS= 2.962

GS= 2.981

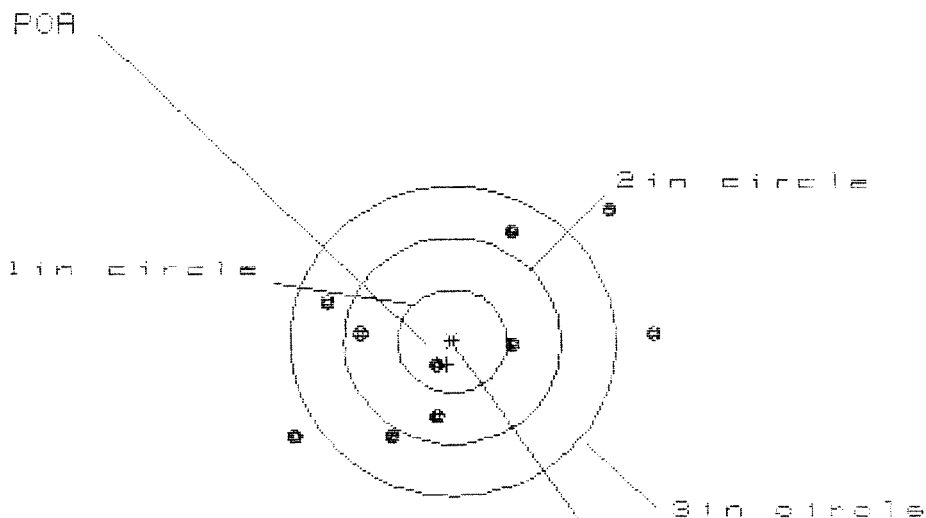
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.190	1.216	1.064
MINIMUM X	:	-1.246	-1.219	-1.532
MAXIMUM Y	:	1.137	.935	.814
MINIMUM Y	:	-1.825	-.966	-.948
CENTROID X	:	.084	.058	.210
CENTROID Y	:	-.174	.029	.150
POA TO CENTROID in.	:	.193	.065	.258
MIN RADIUS	:	.301	.101	.200
MEAN RADIUS	:	.921	.771	.652
MAX RADIUS	:	1.840	1.555	1.066
HORIZONTAL SPREAD	:	2.435	2.435	1.596
VERTICAL SPREAD	:	2.962	1.901	1.762
EXTREME SPREAD	:	2.981	2.641	1.772
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523314

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HE = 3.339

VS = 2.235

GS = 3.687

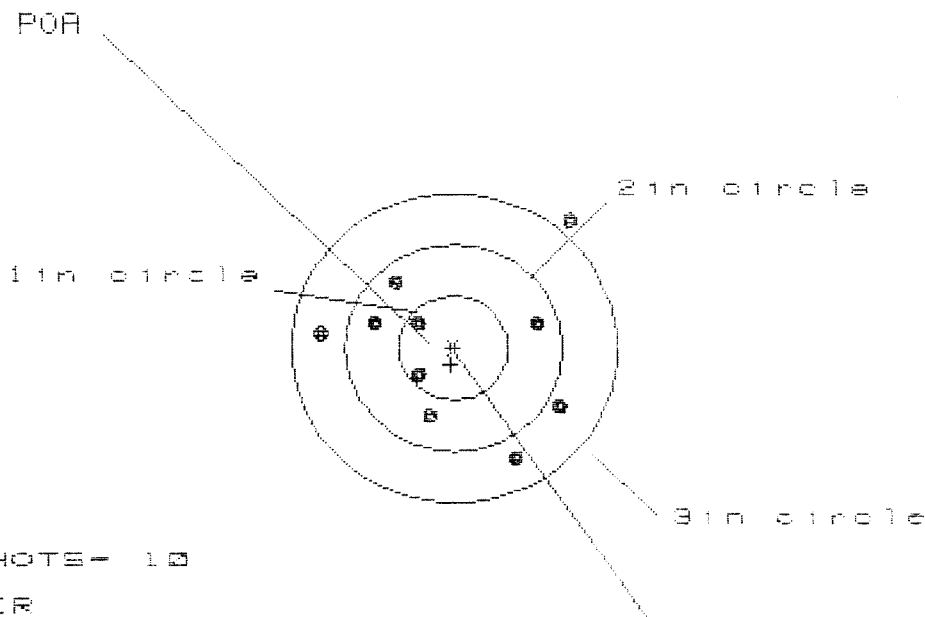
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.835
MINIMUM X	-1.494
MAXIMUM Y	1.281
MINIMUM Y	-0.954
CENTROID X	.052
CENTROID Y	.224
POA TO CENTROID in.	.230
MIN RADIUS	.263
MEAN RADIUS	1.150
MAX RADIUS	1.926
HORIZONTAL SPREAD	3.329
VERTICAL SPREAD	2.235
EXTREME SPREAD	3.687
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	7

16 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523314

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.283

VS= 2.282

GS= 2.560

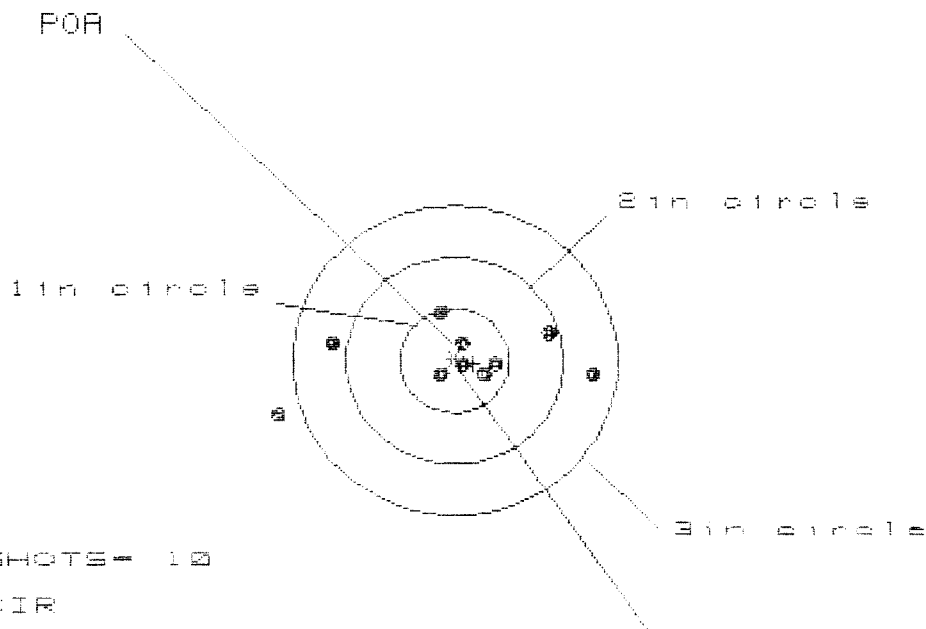
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.074	1.074	.938
MINIMUM X	:	-1.209	-1.090	-.779
MAXIMUM Y	:	1.249	.768	.797
MINIMUM Y	:	-1.033	-.894	-.865
CENTROID X	:	.030	-.039	.047
CENTROID Y	:	.162	.023	-.006
POA TO CENTROID in.	:	.164	.092	.048
MIN RADIUS	:	.423	.248	.349
MEAN RADIUS	:	.910	.796	.769
MAX RADIUS	:	1.647	1.162	1.031
HORIZONTAL SPREAD	:	2.283	2.164	1.717
VERTICAL SPREAD	:	2.282	1.662	1.662
EXTREME SPREAD	:	2.560	2.266	1.971
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523314

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 6

2in = 7

3in = 9

HS = 2.936

VS = .945

GS = 2.956

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.305
MINIMUM X	-1.631
MAXIMUM Y	.453
MINIMUM Y	-.492
CENTROID X	-.170
CENTROID Y	.028
POA TO CENTROID in.	.172
MIN RADIUS	.118
MEAN RADIUS	.662
MAX RADIUS	1.703
HORIZONTAL SPREAD	2.936
VERTICAL SPREAD	.945
EXTREME SPREAD	2.956
NUMBER IN ONE INCH CIRCLE =	6
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9