

C6611694

MODEL 700™ M24

Model S&S™

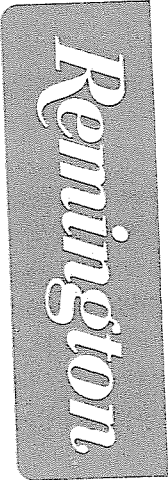
Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.



BARBER - M24 0034434

UPC



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

SERIAL NO.
C6611694

ORDER NO.
5716

46

Remington®



MODEL 700™ H24

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



5716 C6611694

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 003443409234473

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611694

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	RW
600	Proof	3 28	91	RW
607	Check Headspace	3 28	91	RW
610	Dis-assemble Gun	3 28	91	RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	"
615	Rollmark Caliber	APR	2 1991	GL
617	Drill and Tap Sight Holes	APR	5 1991	FB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)			DA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/18/91	GL

op. #	BARBER - M24 0034436	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/18/91	QJ
	G) Safety Off Force	3	3	3			4/18/91	QJ
	H) Trigger Pull Test & Retainability						4/18/91	QJ
	I) Firing Pin Indent	.0235	.0235	.0235			4/18/91	QJ
	J) Assemble Stock						4/19/91	RW
	K) Assemble Swivel Studs						4-24-91	D/H
	L) Attach Front and Rear Sight Assemblies						4/19/91	RW
	M) Iron Sight Alignment						4/19/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/19/91	RW
	O) Attach Scope to Rifle						4/19/91	RW
	P) Detach & Attach Scope 20 Times						4/19/91	RW
640	Gallery Target & Test						4-22-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						4-22-91	NF
655	Final Inspection							
	A) Headspace						4-24-91	D/H
	B) Trigger Pull	2.45	2.21	2.20	2.24	2.22	4/23/91	QJ
	C) Function						4-24-91	D/H
660	Pack						6-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611694

DATE 4/18/91

TESTER HL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.31	2.28	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.26	2.30	2.21	
PULL #3	2.25	2.21	2.25	2.20	
PULL #4	2.29	2.25	2.25	2.24	
PULL #5	2.33	2.21	2.22	2.22	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.38		
PULL #2	3.16	3.38		
PULL #3	3.33	3.19		
PULL #4	3.27	3.36		
PULL #5	3.36	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.33		4.28
PULL #2	4.35	4.29		4.31
PULL #3	4.27	4.23		4.23
PULL #4	4.41	4.32		4.29
PULL #5	4.30	4.32		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611694
22 Apr 1991

CENTROIDAL DISTANCES

0 TO 1	.38302
1 TO 2	.550856
1 TO 3	.278352
1 TO 4	.270542
1 TO 5	.401061

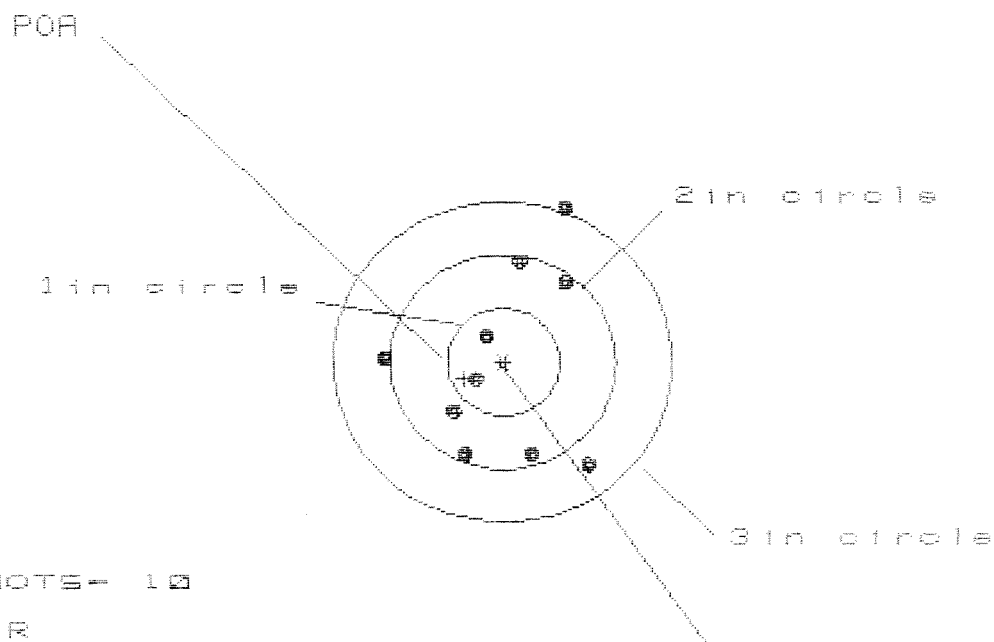
$\bar{x} = .1982$ (----POA)

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1982
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0224
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .199462
THE AMR FOR THIS RIFLE IS: .8758

22 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611694

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.834

VS= 2.421

GS= 2.462

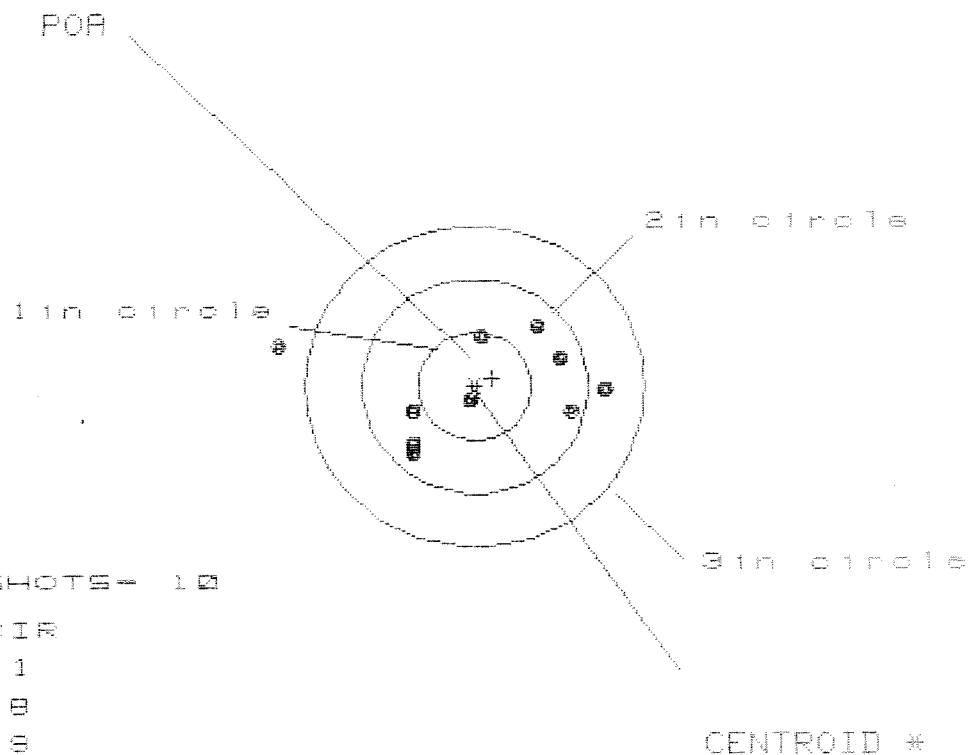
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.786	.849	.687
MINIMUM X	:	-1.048	-.985	-.878
MAXIMUM Y	:	1.425	1.104	1.000
MINIMUM Y	:	-.996	-.838	-.794
CENTROID X	:	.348	.285	.178
CENTROID Y	:	.160	.002	.107
POA TO CENTROID in.	:	.383	.285	.288
MIN RADIUS	:	.281	.206	.170
MEAN RADIUS	:	.881	.783	.714
MAX RADIUS	:	1.535	1.193	1.056
HORIZONTAL SPREAD	:	1.834	1.834	1.565
VERTICAL SPREAD	:	2.421	1.942	1.793
EXTREME SPREAD	:	2.462	2.093	1.874
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

22 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8511694

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS= 2.936

VS= 1.250

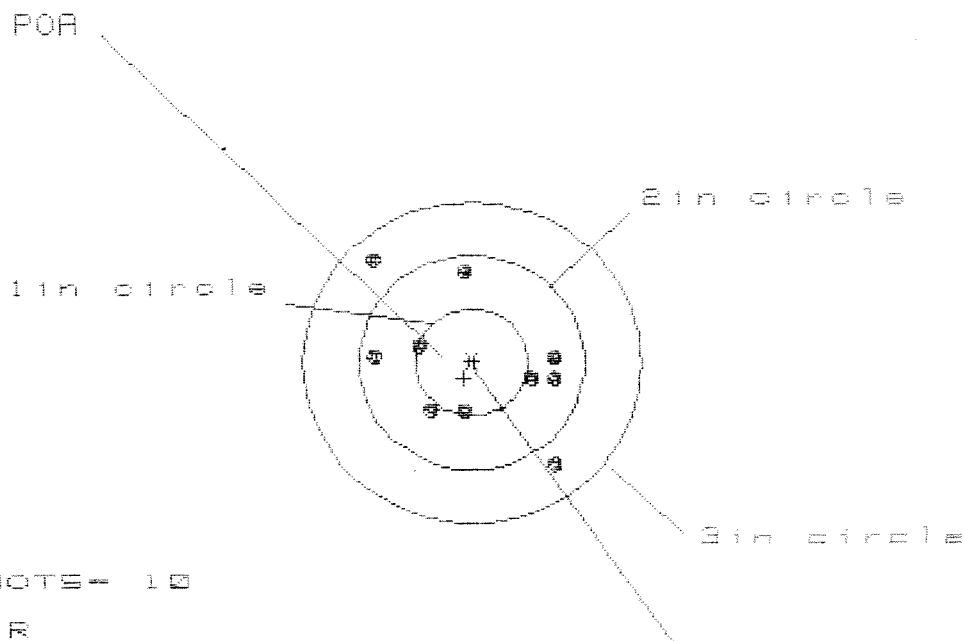
GS= 2.968

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.169	.973	.750
MINIMUM X	-1.766	-.734	-.612
MAXIMUM Y	.615	.661	.665
MINIMUM Y	-.635	-.589	-.585
CENTROID X	-.153	.044	-.078
CENTROID Y	-.069	-.115	-.118
POA TO CENTROID in.	.167	.123	.142
MIN RADIUS	.122	.217	.110
MEAN RADIUS	.823	.705	.654
MAX RADIUS	1.815	.974	.827
HORIZONTAL SPREAD	2.936	1.707	1.362
VERTICAL SPREAD	1.250	1.250	1.250
EXTREME SPREAD	2.968	1.787	1.626
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

22 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611694

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.682

VS= 1.951

GS= 2.563

CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.779	.679	.761
MINIMUM X	-.983	-.988	-.898
MAXIMUM Y	.965	1.003	.893
MINIMUM Y	-.986	-.879	-.497
CENTROID X	.070	.170	.088
CENTROID Y	.146	.039	.149
POA TO CENTROID in.	.162	.175	.173
MIN RADIUS	.432	.367	.439
MEAN RADIUS	.793	.718	.671
MAX RADIUS	1.321	1.099	.902
HORIZONTAL SPREAD	1.682	1.659	1.659
VERTICAL SPREAD	1.951	1.882	1.390
EXTREME SPREAD	2.563	2.074	1.663
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

22 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611694

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.537

VS = 1.893

GS = 2.840

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.084	.922	.992
MINIMUM X	:	-1.453	-.807	-.737
MAXIMUM Y	:	.997	.905	.507
MINIMUM Y	:	-.896	-.988	-.875
CENTROID X	:	.385	.547	.477
CENTROID Y	:	-.108	-.016	-.129
POA TO CENTROID in.	:	.400	.547	.494
MIN RADIUS	:	.488	.449	.527
MEAN RADIUS	:	.951	.863	.832
MAX RADIUS	:	1.674	1.153	1.040
HORIZONTAL SPREAD	:	2.537	1.729	1.729
VERTICAL SPREAD	:	1.893	1.893	1.382
EXTREME SPREAD	:	2.840	2.217	1.967
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611694

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS = 2.400

VS = 2.816

GS = 3.149

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.338	1.220	.597
MINIMUM X	:	-1.062	-.955	-.803
MAXIMUM Y	:	1.486	1.124	.709
MINIMUM Y	:	-1.330	-1.165	-1.024
CENTROID X	:	.341	.459	.387
CENTROID Y	:	-.241	-.406	-.546
POR TO CENTROID in.	:	.418	.613	.627
MIN RADIUS	:	.234	.427	.305
MEAN RADIUS	:	.931	.840	.727
MAX RADIUS	:	1.827	1.659	1.093
HORIZONTAL SPREAD	:	2.400	2.175	1.400
VERTICAL SPREAD	:	2.816	2.289	1.733
EXTREME SPREAD	:	3.149	2.946	1.898
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	