

C6649189

MODEL 700™ M24

Model S&S™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Remington
 MODEL 700TM M24
 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.

REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
 C6649189

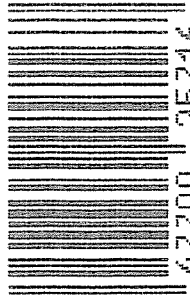
ORDER NO.
 5716

20



5716 C6649189

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649189

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2 9 1		RW
600	Proof	7 2 9 1		RW
607	Check Headspace	7 2 9 1		RW
610	Dis-assemble Gun	7 2 9 1		RW
612	Magnaflux Barrel Action		JUL 22 1991	LS
	Magnaflux Bolt		JUL 22 1991	LS
615	Rollmark Caliber		JUL 22 1991	LS
617	Drill and Tap Sight Holes		JUL 22 1991	FB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		8-8-91	LS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-13-91	JS

op. #	BARBER - M24 0066036	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5 1/2	5 3/4			8-13-91	DH
	G) Safety Off Force	2	2	2			8-13-91	DH
	H) Trigger Pull Test & Retainability						8-13-91	JP
	I) Firing Pin Indent	.020	.020	.020			8-13-91	DH
	J) Assemble Stock						8-19-91	RW
	K) Assemble Swivel Studs						8-21-91	AC
	L) Attach Front and Rear Sight Assemblies						8-19-91	RW
	M) Iron Sight Alignment						8-19-91	RW
	N) Detach Front & Rear Sights & place in numbered container						8-19-91	RW
	O) Attach Scope to Rifle						8-19-91	RW
	P) Detach & Attach Scope 20 Times						8-19-91	RW
640	Gallery Target & Test						8-20-91	AC
	A) Time						8-20-91	AC
	B) Malfunctions						8-20-91	AC
	C) Pierced Primers						8-20-91	AC
	D) Optical Clarity of Scope						8-20-91	AC
645	Inspect for Live Ammo						8-20-91	AC
655	Final Inspection							
	A) Headspace						8-21-91	AC
	B) Trigger Pull	2.71	2.80	2.79	2.81	2.85	8-20-91	DH
	C) Function						8-21-91	AC
660	Pack						7-16-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649189DATE 8-13-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.21	2.35	271	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.22	2.25	280	
PULL #3	2.27	2.30	2.32	281	
PULL #4	2.28	2.20	2.44	279	
PULL #5	2.27	2.27	2.28	285	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.63		
PULL #2	3.48	3.65		
PULL #3	3.58	3.40		
PULL #4	3.57	3.54		
PULL #5	3.60	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	4.45	4.34		4.40
PULL #2	4.40	4.48		4.43
PULL #3	4.49	4.53		4.39
PULL #4	4.50	4.57		4.37
PULL #5	4.50	4.59		4.29
TOTAL				
AVG.				

THE DISTANCE CALCULATIONS
RIFLE # C8649189
May 1991

CENTROIDAL DISTANCES

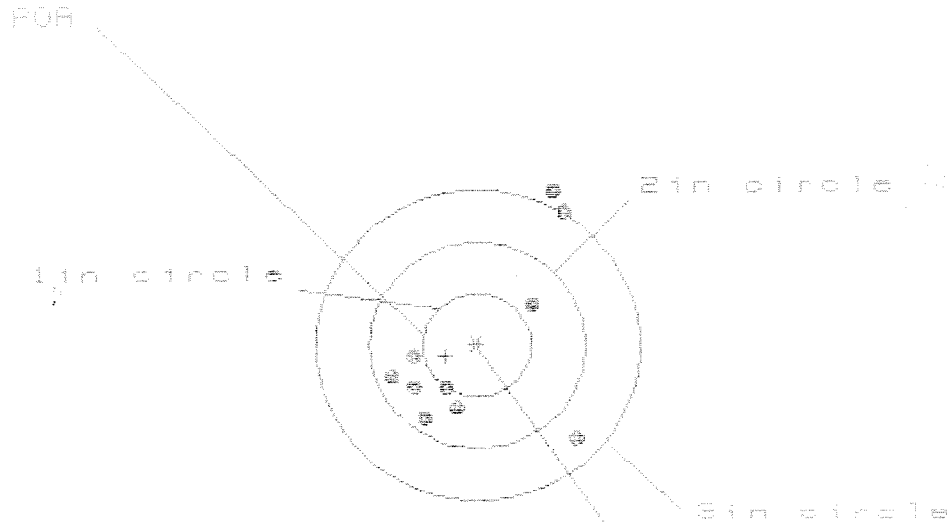
0 TO	1	.311853
1 TO	2	.46293
1 TO	3	.303727
1 TO	4	.852716
1 TO	5	.410546

4
5
41 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0659
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2526
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .2610
THE AMR FOR THIS RIFLE IS: .8466

FILE:/PATTERNING/CENTERFIRE_PATT/C8649189

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 1.681

VS= 2.431

GS= 2.543

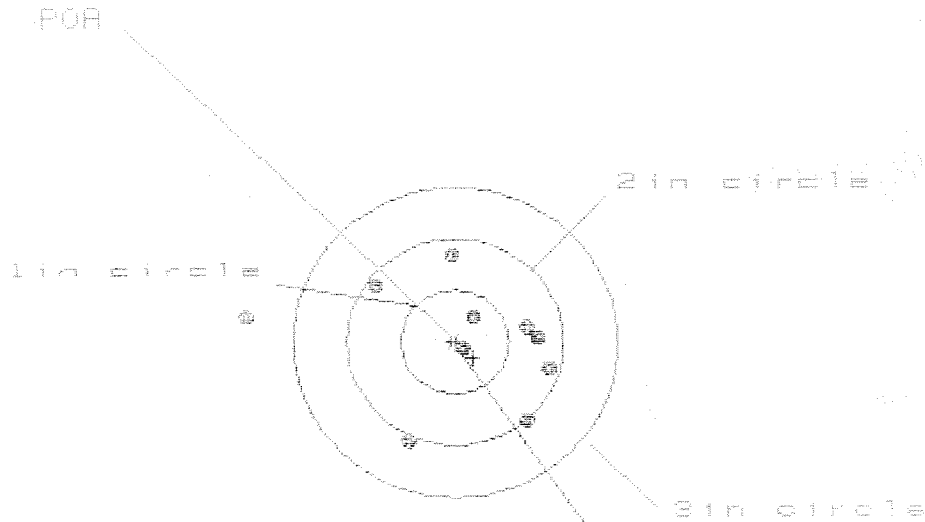
CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.934	1.014	1.123
MINIMUM X	-.747	-.667	-.558
MAXIMUM Y	1.534	1.496	.792
MINIMUM Y	-.897	-.726	-.539
CENTROID X	.294	.214	.185
CENTROID Y	.104	-.067	-.254
POR TO CENTROID (in.)	.312	.224	.275
MIN RADIUS	.474	.296	.117
MEAN RADIUS	.925	.775	.571
MAX RADIUS	1.695	1.730	1.245
HORIZONTAL SPREAD	1.681	1.681	1.681
VERTICAL SPREAD	2.431	2.222	1.331
EXTREME SPREAD	2.543	2.394	1.735
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

22 Aug 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8649189

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 8

3 in = 0

HS = 2.766

VS = 1.791

GS = 2.811

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.829	.613	.526
MINIMUM X	-1.937	-.945	-1.032
MAXIMUM Y	.872	.894	.782
MINIMUM Y	-.919	-.897	-.838
CENTROID X	-.166	.050	.137
CENTROID Y	.156	.134	.246
POA TO CENTROID in.	.228	.143	.282
MIN RADIUS	.128	.105	.237
MEAN RADIUS	.850	.678	.605
MAX RADIUS	1.947	1.137	1.123
HORIZONTAL SPREAD	2.766	1.558	1.558
VERTICAL SPREAD	1.791	1.791	1.620
EXTREME SPREAD	2.811	1.884	1.884
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

28 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649163

CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 10

3in = 10

HS= 1.485

VS= 1.646

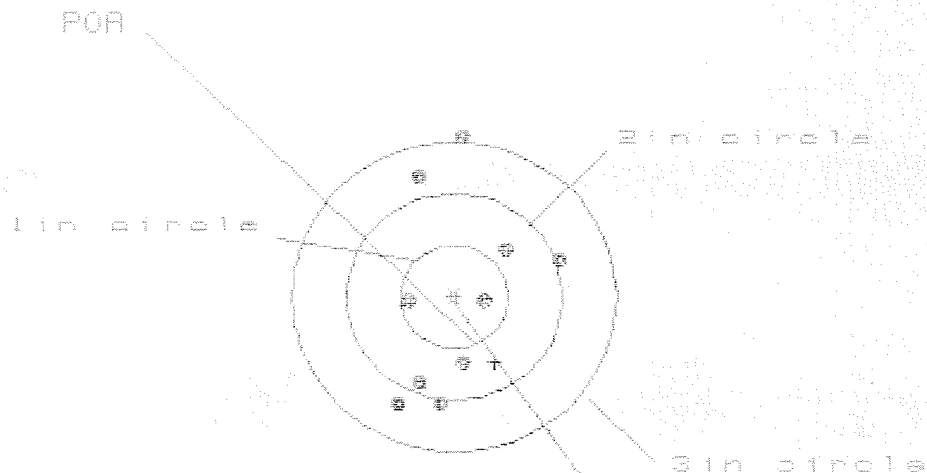
GS= 1.882

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.574	.635	.528
MINIMUM X	:	-.911	-.850	-.631
MAXIMUM Y	:	.819	.727	.710
MINIMUM Y	:	-.827	-.275	-.292
CENTROID X	:	-.009	-.070	.037
CENTROID Y	:	.083	.175	.192
POR TO CENTROID in.	:	.084	.189	.195
MIN RADIUS	:	.296	.303	.198
MEAN RADIUS	:	.621	.370	.526
MAX RADIUS	:	.993	.861	.746
HORIZONTAL SPREAD	:	1.485	1.485	1.159
VERTICAL SPREAD	:	1.646	1.002	1.002
EXTREME SPREAD	:	1.882	1.510	1.253
NUMBER IN ONE INCH CIRCLE	=		9	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C664B189

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 1.553

VS= 2.614

GS= 2.684

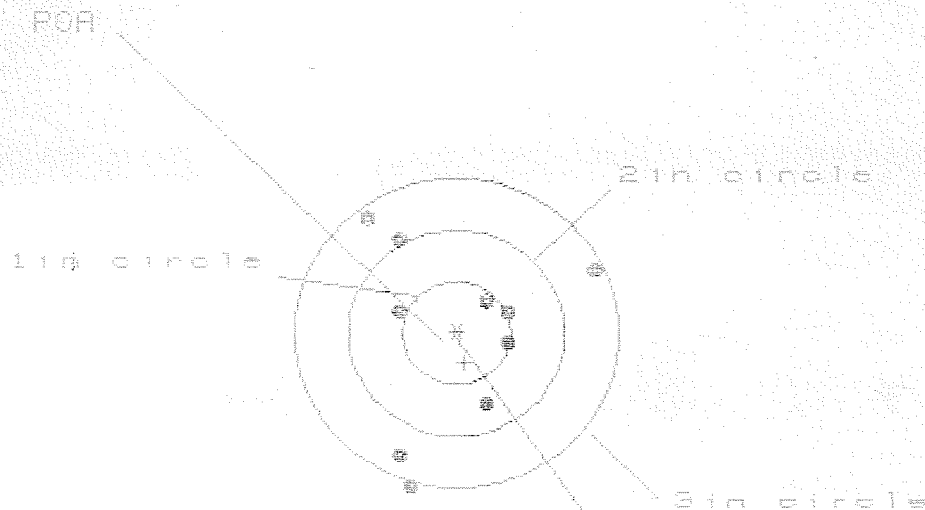
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.986	.991	.954
MINIMUM X	-.567	-.562	-.599
MAXIMUM Y	1.578	1.331	.848
MINIMUM Y	-1.036	-.861	-.694
CENTROID X	-.374	-.379	-.342
CENTROID Y	.634	.459	.292
FOR TO CENTROID in.	.736	.595	.450
MIN RADIUS	.384	.320	.252
MEAN RADIUS	.899	.797	.699
MAX RADIUS	1.579	1.363	1.174
HORIZONTAL SPREAD	1.553	1.553	1.553
VERTICAL SPREAD	2.614	2.192	1.542
EXTREME SPREAD	2.684	2.269	2.077
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE PATT/C6B491B3

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.034

VS= 2.625

GS= 2.667

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.226	1.178	1.071
MINIMUM X	-0.808	-0.856	-0.715
MAXIMUM Y	1.150	0.986	0.881
MINIMUM Y	-1.475	-1.324	-1.201
CENTROID X	-0.074	-0.026	0.091
CENTROID Y	0.286	0.450	0.327
POA TO CENTROID IN.	0.296	0.451	0.337
MIN RADIUS	0.439	0.297	0.313
MEAN RADIUS	0.938	0.848	0.770
MAX RADIUS	1.539	1.457	1.398
HORIZONTAL SPREAD	2.034	2.034	1.786
VERTICAL SPREAD	2.625	2.316	2.082
EXTREME SPREAD	2.667	2.514	2.514
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	5	5	5
NUMBER IN THREE INCH CIRCLE =	9	9	9