

C6611623

MODEL 700™ M24

Model S&S™

Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.



Remington



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

MODEL 700TM M24

SERIAL NO.

C6611623

ORDER NO.

5716

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

46



5716 C6611623

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611623

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	2 1	91	RW
600	Proof	2 1	91	RW
607	Check Headspace	2 1	91	RW
610	Dis-assemble Gun	2 1	91	RW
612	Magnaflux Barrel Action	2 11	91	KCD
	Magnaflux Bolt	2 11	91	KCD
615	Rollmark Caliber	2 11	91	GB
617	Drill and Tap Sight Holes	2 18	91	FB
618	Polish Barrel <i>BBB</i>	2 18	91	WB
620	Apply Coatings (Barrel Action)		91	WB
	Apply Coating (Bolt)		91	WB
625	Final Assembly A) Clean inside of Bolt Assembly		3/25/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/25/91	WB
	C) Inspect Ejector Hole for Chamfer		3/25/91	WB
	D) Oil Firing Pin Ass'y		3/25/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		4/3/91	<i>[Signature]</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/5/91	921
	G) Safety Off Force	4	4	4			4/5/91	921
	H) Trigger Pull Test & Retainability						4/3/91	921
	I) Firing Pin Indent	.0225	.0225	.0225			4/5/91	921
	J) Assemble Stock						4/10/91	RW
	K) Assemble Swivel Studs						4/17/91	A
	L) Attach Front and Rear Sight Assemblies						4/10/91	RW
	M) Iron Sight Alignment						4/10/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/10/91	RW
	O) Attach Scope to Rifle						4/10/91	RW
	P) Detach & Attach Scope 20 Times						4/10/91	RW
640	Gallery Target & Test						4/11/91	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						4/11/91	KJ
655	Final Inspection							
	A) Headspace						4-17-91	AC
	B) Trigger Pull	2.45	2.52	2.50	2.53	2.45	4/16/91	921
	C) Function						4-17-91	AC
660	Pack						4-18-91	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6611623

DATE 4/3/91

TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.30	2.36	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.38	2.39	2.52	
PULL #3	2.20	2.29	2.39	2.50	
PULL #4	2.28	2.36	2.37	2.53	
PULL #5	2.30	2.39	2.39	2.45	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.36		
PULL #2	3.35	3.35		
PULL #3	3.36	3.36		
PULL #4	3.30	3.38		
PULL #5	3.34	3.37		
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	4.14		4.30
PULL #2	4.18	4.17		4.28
PULL #3	4.20	4.21		4.35
PULL #4	4.25	4.23		4.22
PULL #5	4.25	4.30		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611623
11 Apr 1991

CENTROIDAL DISTANCES

0 TO 1	.245165
1 TO 2	.412685
1 TO 3	.215745
1 TO 4	.0180278
1 TO 5	.509927

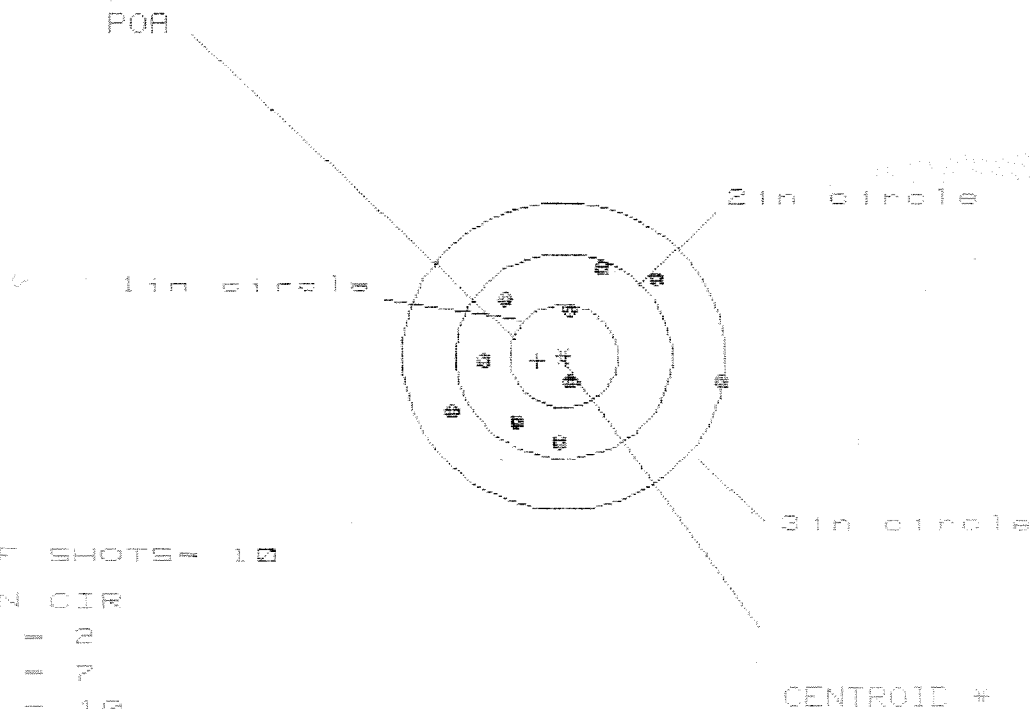
5A K----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0476
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0264
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0544309
THE AMR FOR THIS RIFLE IS: .7782

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611623

CENTERFIRE PATTERNS # 1



* OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 2.498

VS = 1.607

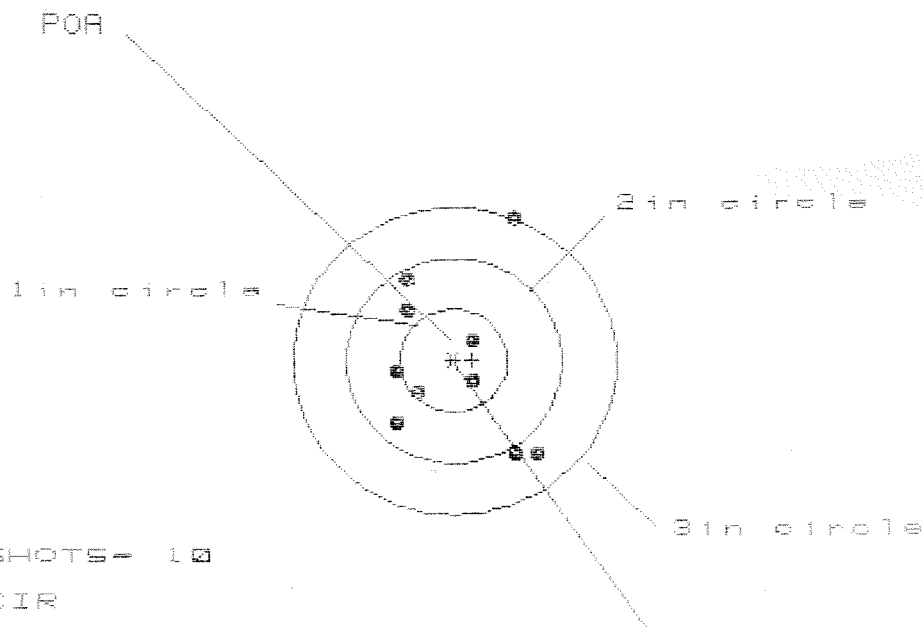
GS = 2.521

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.411	1.058	.942
MINIMUM X	:	-1.087	-.930	-.746
MAXIMUM Y	:	.807	.783	.789
MINIMUM Y	:	-.800	-.824	-.898
CENTROID X	:	.241	.084	.200
CENTROID Y	:	.045	.069	.143
POA TO CENTROID in.	:	.245	.109	.246
MIN RADIUS	:	.263	.344	.354
MEAN RADIUS	:	.852	.773	.728
MAX RADIUS	:	1.429	1.274	1.136
HORIZONTAL SPREAD	:	2.498	1.988	1.688
VERTICAL SPREAD	:	1.607	1.607	1.607
EXTREME SPREAD	:	2.521	2.374	1.890
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/08011023

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 10

HS = 1.274

VS = 2.227

GS = 2.227

CENTROID *

PATTERN #

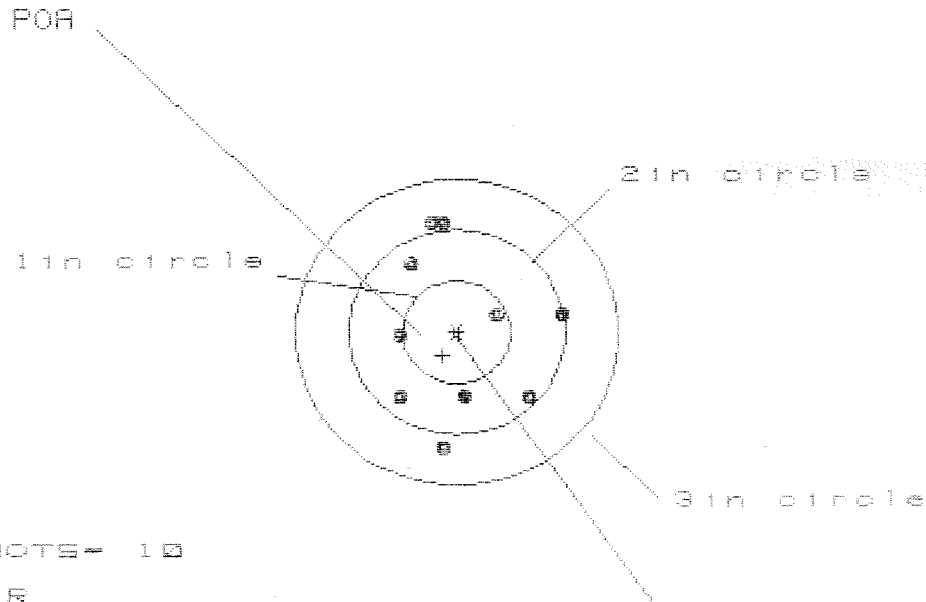
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SHOTS (BEST OF)	10	9	8
MAXIMUM X	.764	.831	.742
MINIMUM X	-.510	-.443	-.340
MAXIMUM Y	1.352	.938	.840
MINIMUM Y	-.875	-.724	-.814
CENTROID X	-.169	-.236	-.340
CENTROID Y	-.002	-.153	-.063
POA TO CENTROID in.	.169	.281	.345
MIN RADIUS	.249	.202	.259
MEAN RADIUS	.744	.641	.569
MAX RADIUS	1.479	1.095	1.101
HORIZONTAL SPREAD	1.274	1.274	1.081
VERTICAL SPREAD	2.227	1.662	1.662
EXTREME SPREAD	2.227	2.040	1.942
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10
 # IN CIR
 1in = 1
 2in = 6
 3in = 10
 HS= 1.540
 VS= 2.160
 GS= 2.160

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.995	.976	.952
MINIMUM X	:	-.545	-.564	-.588
MAXIMUM Y	:	1.042	.918	1.013
MINIMUM Y	:	-1.118	-.756	-.641
CENTROID X	:	.130	.149	.173
CENTROID Y	:	.230	.354	.239
POA TO CENTROID in.	:	.264	.384	.295
MIN RADIUS	:	.363	.315	.321
MEAN RADIUS	:	.826	.788	.758
MAX RADIUS	:	1.130	.976	1.052
HORIZONTAL SPREAD	:	1.540	1.540	1.540
VERTICAL SPREAD	:	2.160	1.674	1.654
EXTREME SPREAD	:	2.160	1.867	1.867
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= 1.588

VS= 2.340

GS= 2.344

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

:

.707

.734

.784

MINIMUM X

:

-.881

-.854

-.804

MAXIMUM Y

:

1.433

.955

.868

MINIMUM Y

:

-.907

-.748

-.835

CENTROID X

:

.240

.213

.163

CENTROID Y

:

.863

-.096

-.010

POA TO CENTROID in.:

:

.248

.234

.164

MIN RADIUS

:

.218

.120

.180

MEAN RADIUS

:

.707

.604

.575

MAX RADIUS

:

1.452

.986

.891

HORIZONTAL SPREAD

:

1.588

1.588

1.588

VERTICAL SPREAD

:

2.340

1.703

1.703

EXTREME SPREAD

:

2.344

1.769

1.743

NUMBER IN ONE INCH CIRCLE

:

=

4

NUMBER IN TWO INCH CIRCLE

:

=

9

NUMBER IN THREE INCH CIRCLE

:

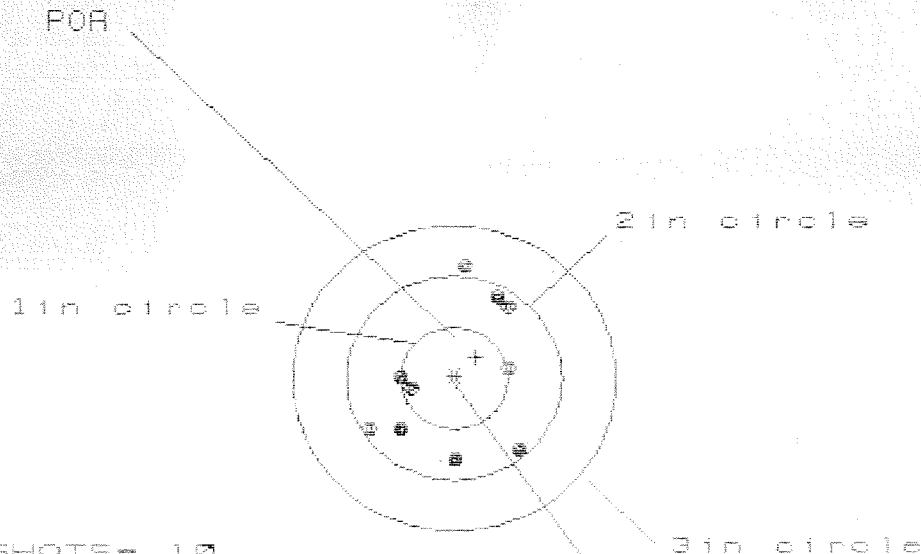
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10

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FILE:/PATTERNING/CENTERFIRE_PATT/C8811623

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 9

3in = 10

HS= 1.457

VS= 1.858

GS= 1.904

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.628	.645	.613
MINIMUM X	:	-.829	-.812	-.731
MAXIMUM Y	:	1.101	.918	.840
MINIMUM Y	:	-.756	-.634	-.712
CENTROID X	:	-.204	-.221	-.302
CENTROID Y	:	-.204	-.327	-.249
POA TO CENTROID in.	:	.289	.395	.392
MIN RADIUS	:	.373	.357	.271
MEAN RADIUS	:	.762	.709	.672
MAX RADIUS	:	1.112	1.000	.967
HORIZONTAL SPREAD	:	1.457	1.457	1.344
VERTICAL SPREAD	:	1.858	1.552	1.552
EXTREME SPREAD	:	1.904	1.772	1.772
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	