

C65594546

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington




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

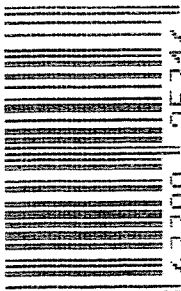
MODEL 700™ H24

SERIAL NO.
C6594546

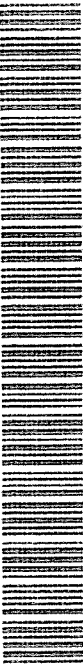
ORDER NO.
5715

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

UPC



0 47700 25716 2



5716 C6594546

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594544

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY ASS'T	10/30/90	Kel
600	Proof		10/30/90	Kel
607	Check Headspace		10/30/90	Kel
610	Dis-assemble Gun		10/30/90	Kel
612	Magnaflux Barrel Action		11/1/90	KCK
	Magnaflux Bolt		11/1/90	KCK
615	Rollmark Caliber		11/1/90	CS.
617	Drill and Tap Sight Holes		11/6/90	LB
618	Polish Barrel PB		11/7/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	JH
	Apply Coating (Bolt)			
625	Final Assembly		12/28/90	K.S.
	A) Clean inside of Bolt Assembly		12/28/90	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/28/90	K.S.
	C) Inspect Ejector Hole for Chamfer		12/28/90	K.S.
	D) Oil Firing Pin Ass'y		12/28/90	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		1-3-91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5.0	5.25	5.0			1/2/91	KJ
	G) Safety Off Force	3.0	3.0	3.0			1/2/91	KJ
	H) Trigger Pull Test & Retainability						1-3-91	JH
	I) Firing Pin Indent	.020	.020	.020			1/2/91	KJ
	J) Assemble Stock						1/3/91	KS
	K) Assemble Swivel Studs						1-11-91	JH
	L) Attach Front and Rear Sight Assemblies						1/3/91	KS
	M) Iron Sight Alignment						1/3/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/3/91	KS
	O) Attach Scope to Rifle						1/3/91	KS
	P) Detach & Attach Scope 20 Times						1/3/91	KS
640	Gallery Target & Test						1-9-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						1-9-91	AF
655	Final Inspection							
	A) Headspace						1-11-91	JH
	B) Trigger Pull	2.24	2.11	2.10	2.20	2.19	1-11-91	JH
	C) Function						1-11-91	JH
660	Pack						3-11-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C 6594546

DATE 1-3-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.40	2.38	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.45	2.42	2.11	
PULL #3	2.40	2.47	2.48	2.10	
PULL #4	2.42	2.49	2.42	2.20	
PULL #5	2.46	2.42	2.42	2.19	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.23		
PULL #2	3.24	3.30		
PULL #3	3.13	3.31		
PULL #4	3.20	3.30		
PULL #5	3.29	3.32		
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	4.47		4.16
PULL #2	4.26	4.46		4.28
PULL #3	4.26	4.48		4.27
PULL #4	4.29	4.32		4.32
PULL #5	4.29	4.32		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06594546
10 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.218589
1 TO	2	.328897
1 TO	3	.293552
1 TO	4	.214441
1 TO	5	.0235372

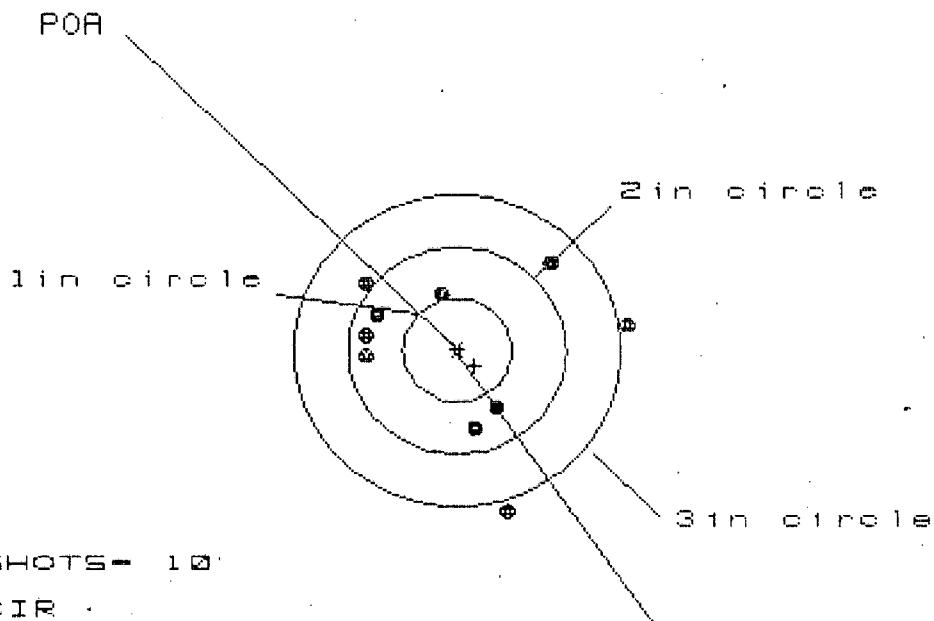
sp <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0386
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0546
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0668664
THE AMR FOR THIS RIFLE IS: .9518

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594546

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 8

HS= 2.413

VS= 2.401

GS= 2.565

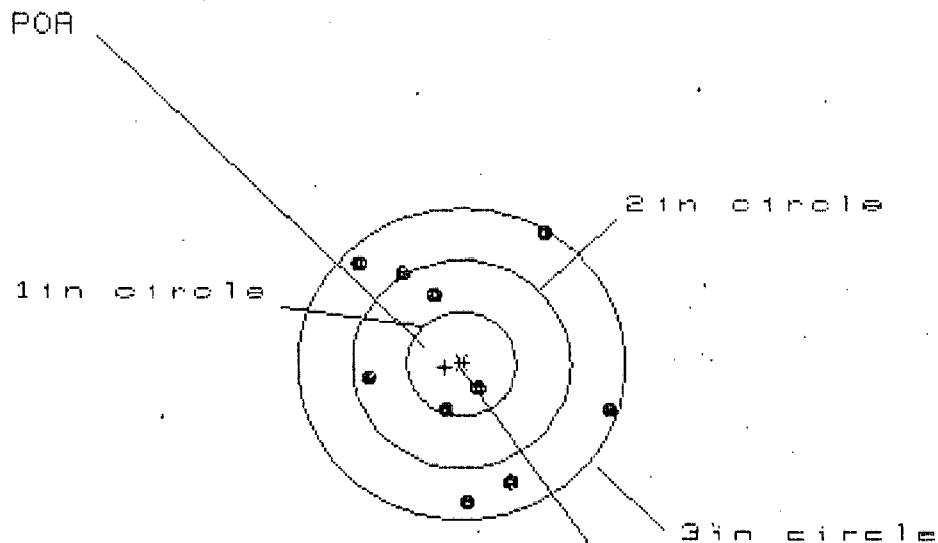
CENTROID #

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.556	1.607	1.088
MINIMUM X	-.857	-.806	-.606
MAXIMUM Y	.873	.703	.709
MINIMUM Y	-1.528	-.880	-.874
CENTROID X	-.159	-.210	-.410
CENTROID Y	.150	.320	.314
POA TO CENTROID in.	.219	.382	.516
MIN RADIUS	.617	.440	.431
MEAN RADIUS	.998	.909	.772
MAX RADIUS	1.593	1.607	1.299
HORIZONTAL SPREAD	2.413	2.413	1.694
VERTICAL SPREAD	2.401	1.583	1.583
EXTREME SPREAD	2.565	2.457	1.931
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594546

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR . . .

1in = 2

2in = 4

3in = 10

HS= 2.358

VS= 2.550

GS= 2.737

CENTROID *

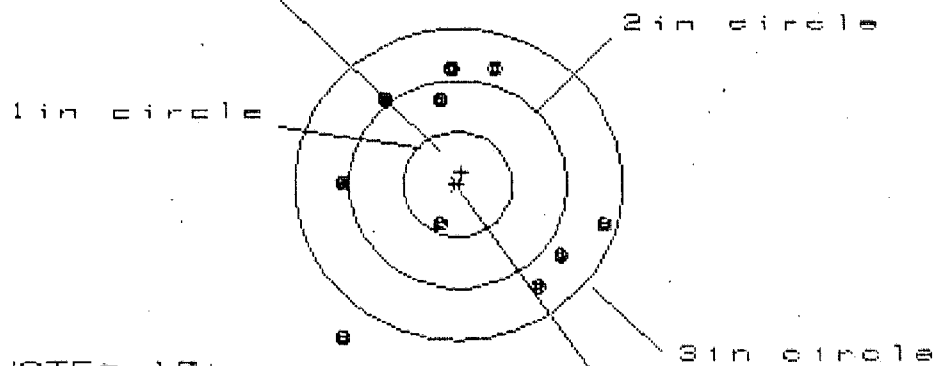
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.392	.872	.749
MINIMUM X	:	-.966	-.811	-.702
MAXIMUM Y	:	1.262	1.210	1.019
MINIMUM Y	:	-1.288	-1.340	-1.189
CENTROID X	:	.148	-.007	-.116
CENTROID Y	:	.032	.084	-.067
POA TO CENTROID in.	:	.151	.084	.134
MIN RADIUS	:	.222	.361	.386
MEAN RADIUS	:	1.008	.946	.860
MAX RADIUS	:	1.469	1.491	1.270
HORIZONTAL SPREAD	:	2.358	1.683	1.451
VERTICAL SPREAD	:	2.550	2.550	2.208
EXTREME SPREAD	:	2.737	2.633	2.507
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594546

CENTERFIRE PATTERNS # 3

POR



OF SHOTS= 10

IN CIR

1in = 1

2in = 2

3in = 7

HS= 2.412

VS= 2.620

GS= 2.953

CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.309
MINIMUM X	-1.103
MAXIMUM Y	1.147
MINIMUM Y	-1.473
CENTROID X	-.037
CENTROID Y	-.117
POR TO CENTROID in.	.123
MIN RADIUS	.399
MEAN RADIUS	1.120
MAX RADIUS	1.823
HORIZONTAL SPREAD	2.412
VERTICAL SPREAD	2.620
EXTREME SPREAD	2.953
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	2
NUMBER IN THREE INCH CIRCLE =	7

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594546

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR .

1 in = 4

2 in = 8

3 in = 10

HS= 2.088

VS= 2.223

GS= 2.311

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.725

.573

.608

MINIMUM X

-1.363

-.427

-.392

MAXIMUM Y

.935

.954

.795

MINIMUM Y

-1.288

-1.269

-.704

CENTROID X

.037

.189

.154

CENTROID Y

.063

.044

.203

POA TO CENTROID in.

.073

.194

.254

MIN RADIUS

.247

.323

.233

MEAN RADIUS

.712

.643

.546

MAX RADIUS

1.374

1.299

.807

HORIZONTAL SPREAD

2.088

1.000

1.000

VERTICAL SPREAD

2.223

2.223

1.499

EXTREME SPREAD

2.311

2.268

1.499

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

8

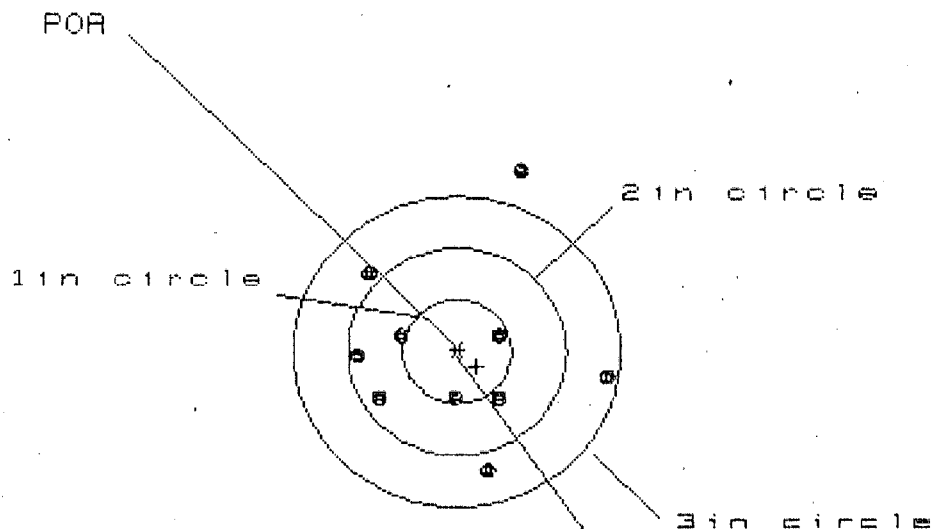
NUMBER IN THREE INCH CIRCLE =

10

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594546

CENTERFIRE PATTERNS # 5



PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.334	1.404	.632
MINIMUM X	-.913	-.843	-.668
MAXIMUM Y	1.751	.924	.914
MINIMUM Y	-1.185	-.990	-1.000
CENTROID X	-.182	-.252	-.427
CENTROID Y	.145	-.050	-.040
POA TO CENTROID in.	.233	.257	.429
MIN RADIUS	.404	.204	.279
MEAN RADIUS	.921	.780	.688
MAX RADIUS	1.859	1.406	1.125
HORIZONTAL SPREAD	2.247	2.247	1.300
VERTICAL SPREAD	2.936	1.914	1.914
EXTREME SPREAD	2.957	2.371	2.200
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	