

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

C6649063

UPC



0 47700 25716 7

FORM

Smead®

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700™ M24

SERIAL NO.

C6649063

ORDER NO.

5716

20

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



5716 C6649063

ORDER 5716

MODEL 700™ M24

UPC

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MODEL 700™ M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # CG649063

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	RW
600	Proof	9 26	91	RW
607	Check Headspace	9 26	91	RW
610	Dis-assemble Gun	9 26	91	RW
612	Magnaflux Barrel Action	OCT	3 1991	KCD
	Magnaflux Bolt	OCT	3 1991	KCD
615	Rollmark Caliber	UCT	3 1991	GS
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10/18/91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	RW
	C) Inspect Ejector Hole for Chamfer		10/18/91	RW
	D) Oil Firing Pin Ass'y		10/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/18/91	JP

Op. #	Op. NAME	READINGS					DATE	INITIALS
625 cont.	F) Safety On Force	5	4 1/2	5			11-18-91	DH
	G) Safety Off Force	3	3	3			11-18-91	DH
	H) Trigger Pull Test & Retainability						11/18/91	JH
	I) Firing Pin Indent	.020	.020	.020			11-18-91	DH
	J) Assemble Stock						11/18/91	RW
	K) Assemble Swivel Studs						11-27-91	DH
	L) Attach Front and Rear Sight Assemblies						11/18/91	RW
	M) Iron Sight Alignment						11/18/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/18/91	RW
	O) Attach Scope to Rifle						11/18/91	RW
	P) Detach & Attach Scope 20 Times						11/18/91	RW
640	Gallery Target & Test						11-20-91	DH
	A) Time						11-20-91	DH
	B) Malfunctions						11-20-91	DH
	C) Pierced Primers						11-20-91	DH
	D) Optical Clarity of Scope						11-20-91	DH
645	Inspect for Live Ammo						11-20-91	DH
655	Final Inspection							
	A) Headspace						11-27-91	DH
	B) Trigger Pull	248	241	247	247	249	11-20-91	DH
	C) Function						11-27-91	DH
660	Pack						12-19-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C-6649063

DATE 11-18-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.35	2.48	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.46	2.39	2.41	
PULL #3	2.35	2.39	2.40	2.47	
PULL #4	2.45	2.32	2.44	2.47	
PULL #5	2.33	2.44	2.50	2.49	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.46		
PULL #2	3.39	3.38		
PULL #3	3.35	3.46		
PULL #4	3.34	3.44		
PULL #5	3.32	3.45		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.62	4.41		4.26
PULL #2	4.52	4.20		4.20
PULL #3	4.45	4.27		4.43
PULL #4	4.26	4.27		4.35
PULL #5	4.36	4.39		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649063
20 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.315025
1 TO 2	.4106
1 TO 3	.212509
1 TO 4	1.30357
1 TO 5	.87485

4

5 $\frac{2}{13}$ <----POA

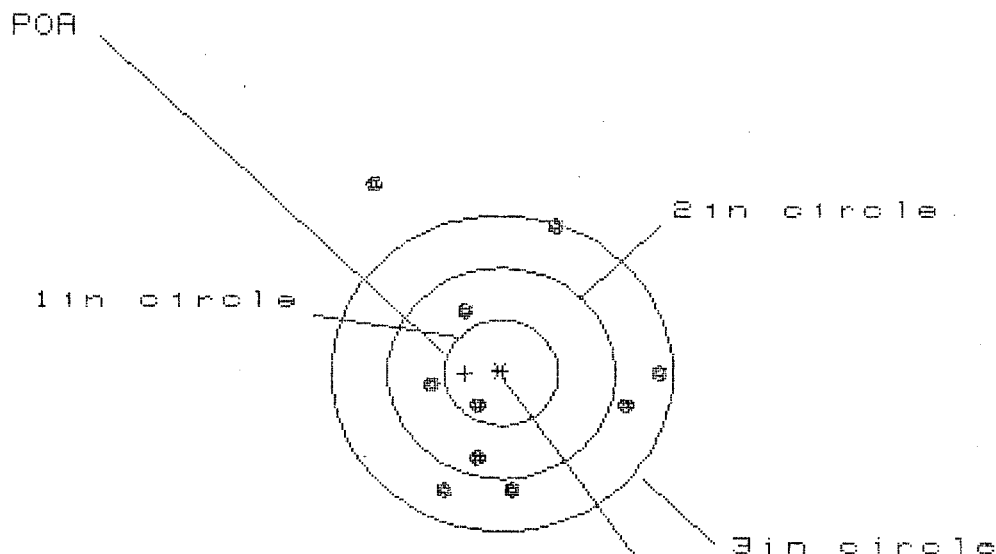
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0356
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2666
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .268966
THE AMR FOR THIS RIFLE IS: 1.045

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649063

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.573

VS= 2.966

GS= 3.171

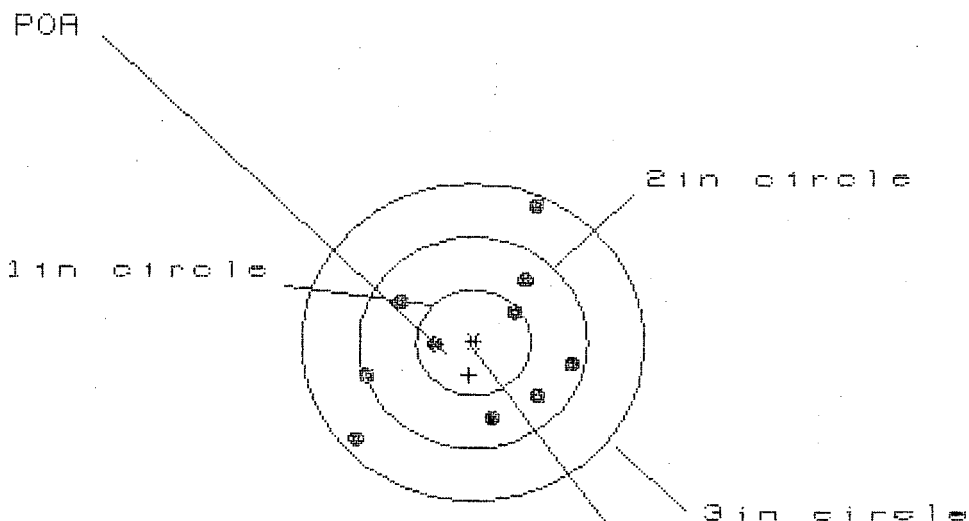
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.419	1.291	1.341
MINIMUM X	:	-1.154	-.741	-.691
MAXIMUM Y	:	1.817	1.551	1.082
MINIMUM Y	:	-1.149	-.948	-.754
CENTROID X	:	.315	.443	.393
CENTROID Y	:	.004	-.198	-.392
POA TO CENTROID in.	:	.315	.486	.555
MIN RADIUS	:	.358	.364	.328
MEAN RADIUS	:	1.096	.953	.830
MAX RADIUS	:	2.152	1.603	1.388
HORIZONTAL SPREAD	:	2.573	2.032	2.032
VERTICAL SPREAD	:	2.966	2.499	1.756
EXTREME SPREAD	:	3.171	2.720	2.252
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08649063

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.883

VS= 2.158

GS= 2.734

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.811	.879	.753
MINIMUM X	:	-1.071	-1.004	-.997
MAXIMUM Y	:	1.288	.744	.653
MINIMUM Y	:	-.869	-.726	-.658
CENTROID X	:	.039	-.028	.098
CENTROID Y	:	.308	.165	.256
POA TO CENTROID in.	:	.311	.168	.274
MIN RADIUS	:	.319	.288	.380
MEAN RADIUS	:	.833	.764	.688
MAX RADIUS	:	1.424	1.239	1.025
HORIZONTAL SPREAD	:	1.883	1.883	1.750
VERTICAL SPREAD	:	2.158	1.470	1.311
EXTREME SPREAD	:	2.734	2.110	1.754
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

28 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649063

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.593

VS= 2.443

GS= 2.918

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.047

.875

.578

MINIMUM X

-1.546

-.683

-.574

MAXIMUM Y

1.298

1.319

1.179

MINIMUM Y

-1.145

-1.124

-1.110

CENTROID X

.489

.661

.552

CENTROID Y

-.118

-.139

.001

POA TO CENTROID in.

.503

.676

.552

MIN RADIUS

.485

.523

.586

MEAN RADIUS

1.001

.938

.865

MAX RADIUS

1.558

1.424

1.294

HORIZONTAL SPREAD

2.593

1.558

1.152

VERTICAL SPREAD

2.443

2.443

2.289

EXTREME SPREAD

2.918

2.535

2.535

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

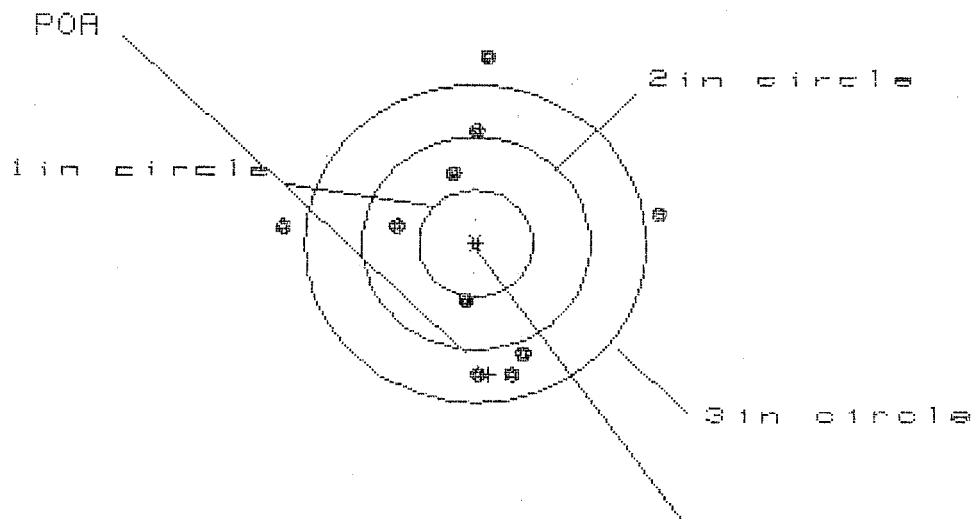
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28 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649063

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 3

3 in - 7

HS- 3.274

VS- 3.068

GS- 3.278

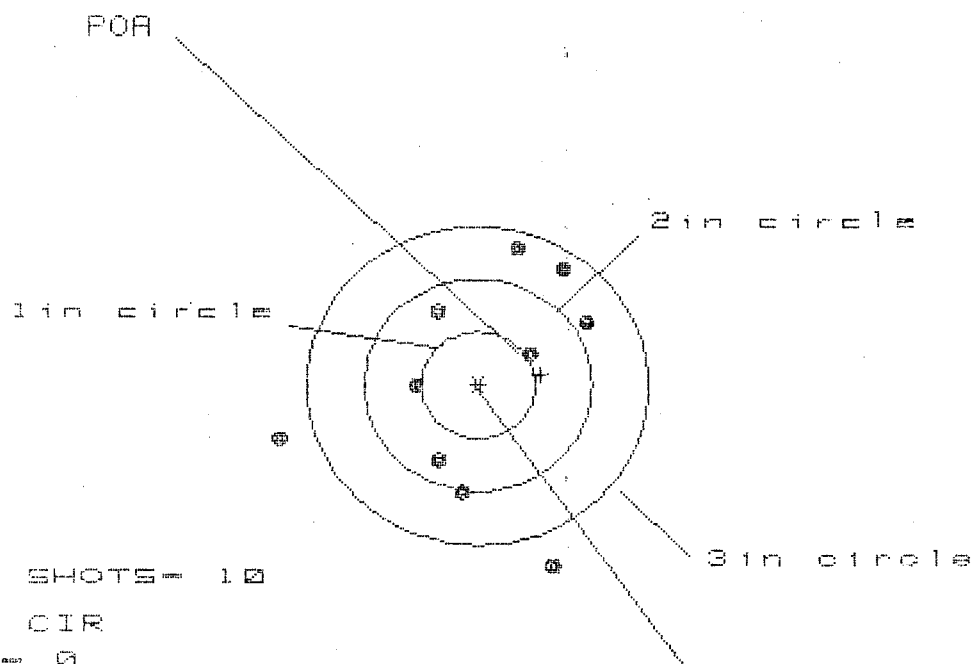
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.571	1.587	1.376
MINIMUM X	-1.704	-1.687	-.846
MAXIMUM Y	1.783	1.217	1.259
MINIMUM Y	-1.285	-1.087	-1.045
CENTROID X	-.111	-.127	.084
CENTROID Y	1.236	1.038	.996
POA TO CENTROID in.	1.241	1.045	1.000
MIN RADIUS	.546	.348	.403
MEAN RADIUS	1.171	1.077	.994
MAX RADIUS	1.789	1.719	1.474
HORIZONTAL SPREAD	3.274	3.274	2.222
VERTICAL SPREAD	3.068	2.304	2.304
EXTREME SPREAD	3.278	3.278	2.324
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B45053

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.790

VS= 2.969

GS= 3.084

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.997	.797	.857
MINIMUM X	:	-1.793	-1.782	-1.722
MAXIMUM Y	:	1.261	1.201	.980
MINIMUM Y	:	-1.708	-1.768	-1.241
CENTROID X	:	-.554	-.354	-.414
CENTROID Y	:	-.097	-.037	.184
POA TO CENTROID in.	:	.562	.356	.453
MIN RADIUS	:	.518	.322	.302
MEAN RADIUS	:	1.122	1.024	.888
MAX RADIUS	:	1.872	1.831	1.283
HORIZONTAL SPREAD	:	2.790	1.579	1.579
VERTICAL SPREAD	:	2.969	2.969	2.221
EXTREME SPREAD	:	3.084	2.983	2.320
NUMBER IN ONE INCH CIRCLE	=	0	5	8
NUMBER IN TWO INCH CIRCLE	=	5	5	8
NUMBER IN THREE INCH CIRCLE	=	8	5	8