

FOR

UPC



00014770000125716 2

C6648978

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5715

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6648978

20

ORDER NO.
5716

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



5716 C6648978

ORDER 5716
MODEL 700 TM M24

UPC



0 47700 25716 7

ORDER 5716
MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648978

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	9 1	RW
600	Proof	10 1	9 1	RW
607	Check Headspace	10 1	9 1	RW
610	Dis-assemble Gun	10 1	9 1	RW
612	Magnaflux Barrel Action		OCT 10 1991	KR
	Magnaflux Bolt		OCT 10 1991	KR
615	Rollmark Caliber		OCT 10 1991	GL
617	Drill and Tap Sight Holes		OCT 10 1991	KB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-2-91	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	RW
	C) Inspect Ejector Hole for Chamfer		11/11/91	RW
	D) Oil Firing Pin Ass'y		11/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-21-91	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/21/91	RU
	G) Safety Off Force	3	3	3			11/21/91	RU
	H) Trigger Pull Test & Retainability						11-21-91	RU
	I) Firing Pin Indent	.022	.022	.022			11/21/91	RU
	J) Assemble Stock						11/25/91	RW
	K) Assemble Swivel Studs						11-27-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/25/91	RW
	M) Iron Sight Alignment						11/25/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/25/91	RW
	O) Attach Scope to Rifle						11/25/91	RW
	P) Detach & Attach Scope 20 Times						11/25/91	RW
640	Gallery Target & Test						11-25-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						11-25-91	AF
655	Final Inspection							
	A) Headspace						11-27-91	D/H
	B) Trigger Pull	234	240	237	244	248	11-26-91	D/H
	C) Function						11-27-91	D/H
660	Pack						12/9/91	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6648978

DATE 11-21-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.51	2.44	234	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.46	2.48	240	
PULL #3	2.45	2.45	2.51	237	
PULL #4	2.47	2.53	2.58	244	
PULL #5	2.49	2.56	2.55	248	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.41		
PULL #2	3.47	3.62		
PULL #3	3.56	3.57		
PULL #4	3.66	3.54		
PULL #5	3.57	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.53		4.45
PULL #2	4.54	4.48		4.38
PULL #3	4.52	4.43		4.40
PULL #4	4.48	4.46		4.42
PULL #5	4.54	4.37		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648978
25 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.184684
1 TO	2	.224294
1 TO	3	.46378
1 TO	4	.182464
1 TO	5	.287693

 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0992
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0168
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .2619467
THE ANR FOR THIS RIFLE IS: 1.179

15 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648978

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 5

HS= 2.970

VS= 3.759

GS= 4.252

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.746

1.854

1.741

MINIMUM X

-1.224

-1.116

-1.229

MAXIMUM Y

1.826

1.611

.854

MINIMUM Y

-1.933

-1.302

-1.101

CENTROID X

-.016

-.124

-.011

CENTROID Y

-.184

.031

-.170

POA TO CENTROID in.

.184

.128

.171

MIN RADIUS

.243

.327

.231

MEAN RADIUS

1.247

1.128

1.028

MAX RADIUS

2.165

2.126

1.916

HORIZONTAL SPREAD

2.970

2.970

2.970

VERTICAL SPREAD

3.759

2.913

1.955

EXTREME SPREAD

4.252

3.896

3.413

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

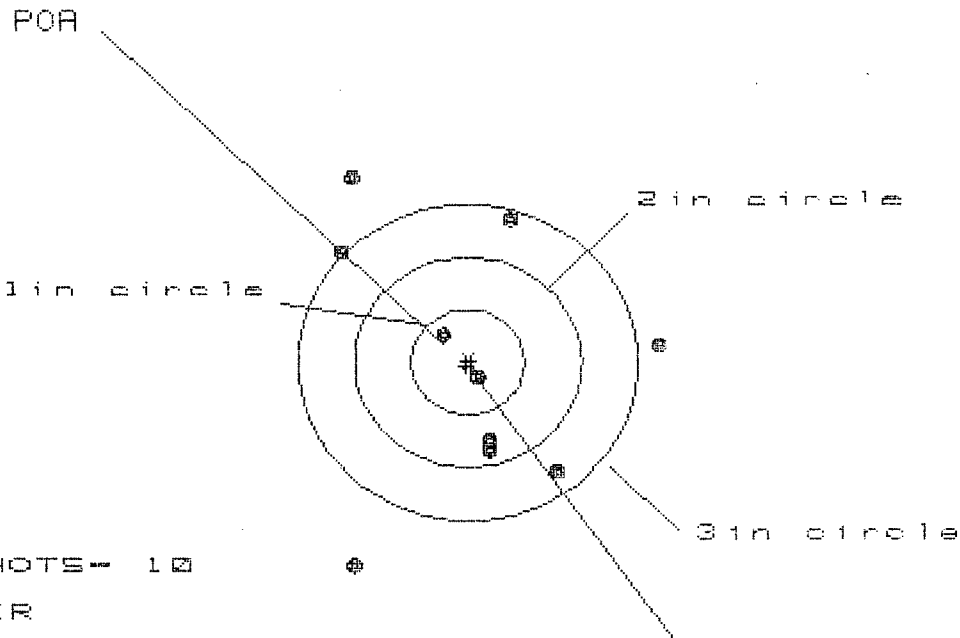
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25 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648978

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.738

VS= 3.636

GS= 3.636

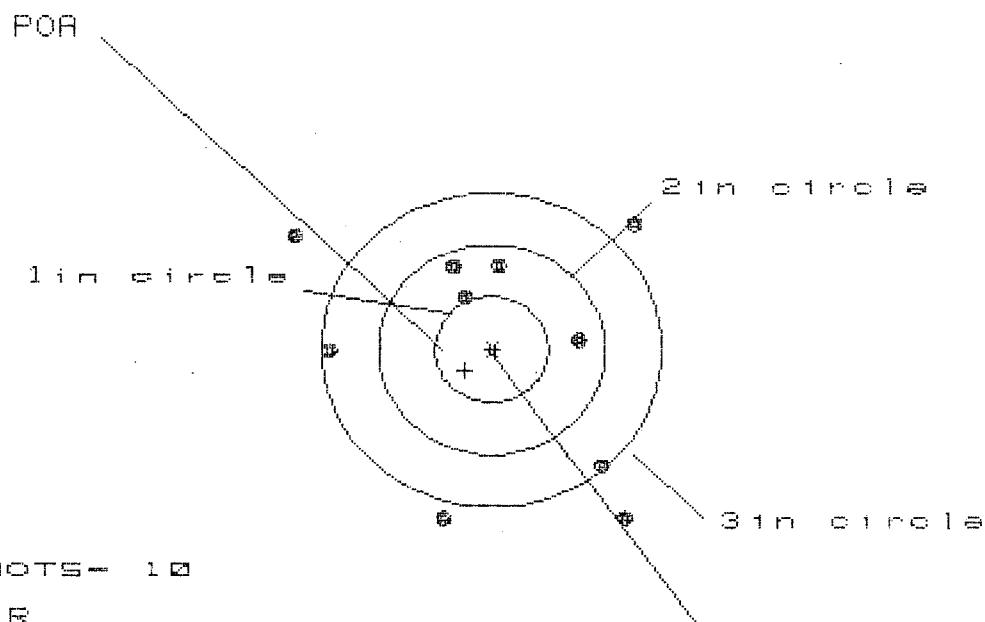
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.647	1.533	1.393
MINIMUM X	:	-1.091	-1.205	-1.345
MAXIMUM Y	:	1.744	1.534	1.341
MINIMUM Y	:	-1.892	-1.266	-1.074
CENTROID X	:	.016	.130	.270
CENTROID Y	:	.038	.248	.056
POA TO CENTROID in.	:	.041	.280	.276
MIN RADIUS	:	.123	.312	.217
MEAN RADIUS	:	1.221	1.135	1.007
MAX RADIUS	:	2.154	1.901	1.710
HORIZONTAL SPREAD	:	2.738	2.738	2.738
VERTICAL SPREAD	:	3.636	2.800	2.415
EXTREME SPREAD	:	3.636	3.346	2.871
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

25 Nov 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 6

HS= 2.020

VS= 2.838

GS= 3.941

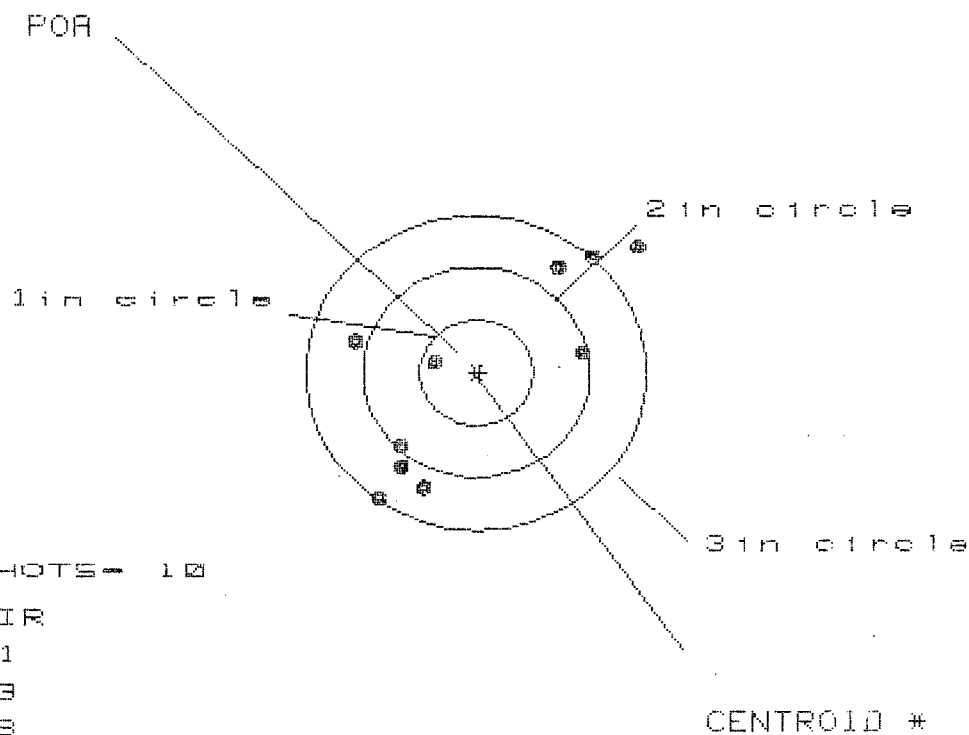
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.268	1.073	1.189
MINIMUM X	:	-1.752	-1.610	-1.494
MAXIMUM Y	:	1.197	1.315	1.124
MINIMUM Y	:	-1.641	-1.523	-1.686
CENTROID X	:	.235	.430	.314
CENTROID Y	:	.206	.088	.279
POA TO CENTROID in.	:	.313	.439	.420
MIN RADIUS	:	.567	.602	.552
MEAN RADIUS	:	1.323	1.245	1.133
MAX RADIUS	:	2.046	1.784	1.752
HORIZONTAL SPREAD	:	3.020	2.683	2.683
VERTICAL SPREAD	:	2.838	2.838	2.810
EXTREME SPREAD	:	3.941	3.267	3.267
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			6	

15 Nov 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.426

VS= 2.344

GS= 3.281

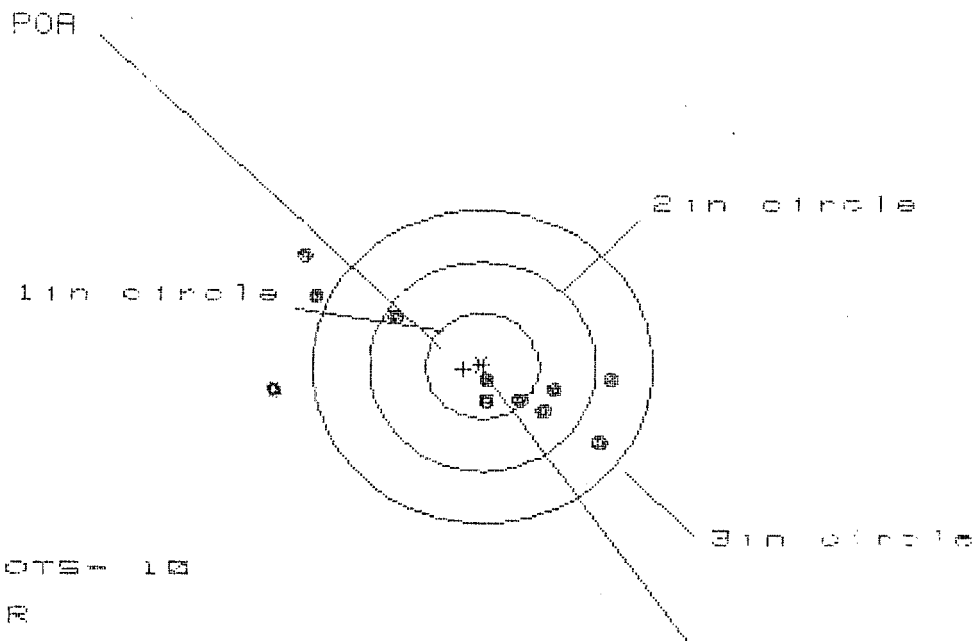
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.383	1.218	1.267
MINIMUM X	:	-1.043	-.890	-.738
MAXIMUM Y	:	1.190	1.199	1.294
MINIMUM Y	:	-1.154	-1.022	-.872
CENTROID X	:	-.029	-.182	-.335
CENTROID Y	:	-.002	-.134	-.284
POA TO CENTROID in.	:	.029	.226	.438
MIN RADIUS	:	.431	.356	.405
MEAN RADIUS	:	1.185	1.073	.942
MAX RADIUS	:	1.824	1.709	1.678
HORIZONTAL SPREAD	:	2.426	2.108	2.004
VERTICAL SPREAD	:	2.344	2.221	2.166
EXTREME SPREAD	:	3.281	2.974	2.739
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.697

VS= 1.817

GS= 3.227

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.103	.925	.715
MINIMUM X	-1.594	-1.687	-1.111
MAXIMUM Y	1.119	.770	.727
MINIMUM Y	-.698	-.573	-.477
CENTROID X	.165	.343	.553
CENTROID Y	.026	-.099	-.195
POA TO CENTROID in.	.167	.356	.587
MIN RADIUS	.120	.146	.165
MEAN RADIUS	.920	.730	.535
MAX RADIUS	1.948	1.854	1.328
HORIZONTAL SPREAD	2.697	2.612	1.826
VERTICAL SPREAD	1.817	1.343	1.204
EXTREME SPREAD	3.227	2.910	2.162
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		