

FORM

UPC



0 47700 25716 2

6665924

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

Remington



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

MODEL 700TM M24

SERIAL NO.
C6665924

20

ORDER NO.
5716

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



5716 C6665924

ORDER 5716
MODEL 700TM M24
UPC



0 47700 25716 7

ORDER 5716
MODEL 700TM M24
UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665924

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KA
600	Proof		10/1/91	KA
607	Check Headspace		10/1/91	KA
610	Dis-assemble Gun		10/1/91	KA
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	DS
617	Drill and Tap Sight Holes	OCT	8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11/1/91	JA
	Apply Coating (Bolt)		11/1/91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		11/6/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/6/91	KA
	C) Inspect Ejector Hole for Chamfer		11/6/91	KA
	D) Oil Firing Pin Ass'y		11/6/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		11/7/91	JA

op. #	BARBER - M24 0104066 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	6	6			11-7-91	QU
	G) Safety Off Force	3	3	3			11-7-91	QU
	H) Trigger Pull Test & Retainability						11-7-91	QU
	I) Firing Pin Indent	.020	.0215	.0215			11-7-91	QU
	J) Assemble Stock						11/7/91	QU
	K) Assemble Swivel Studs						11/8/91	D/K
	L) Attach Front and Rear Sight Assemblies						11/7/91	QU
	M) Iron Sight Alignment						11/7/91	QU
	N) Detach Front & Rear Sights & place in numbered container						11/7/91	QU
	O) Attach Scope to Rifle						11/7/91	QU
	P) Detach & Attach Scope 20 Times						11/7/91	QU
640	Gallery Target & Test						11-13-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						11-13-91	AF
655	Final Inspection							
	A) Headspace						11-19-91	D/K
	B) Trigger Pull	254	244	242	245	247	11-18-91	D/K
	C) Function						11-19-91	D/K
660	Pack						12-19-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C 6665924
DATE 11-7-91
TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.41	2.33	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.21	2.38	2.49	
PULL #3	2.44	2.37	2.43	2.42	
PULL #4	2.40	2.29	2.28	2.45	
PULL #5	2.33	2.29	2.31	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.44		
PULL #2	3.42	3.53		
PULL #3	3.54	3.39		
PULL #4	3.34	3.53		
PULL #5	3.35	3.51		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.40		4.20
PULL #2	4.21	4.60		4.45
PULL #3	4.27	4.57		4.50
PULL #4	4.37	4.36		4.60
PULL #5	4.27	4.48		4.54
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665924
13 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.253144
1 TO	2	.33509
1 TO	3	.360767
1 TO	4	.1364
1 TO	5	.318473

³
1/2 <----POA

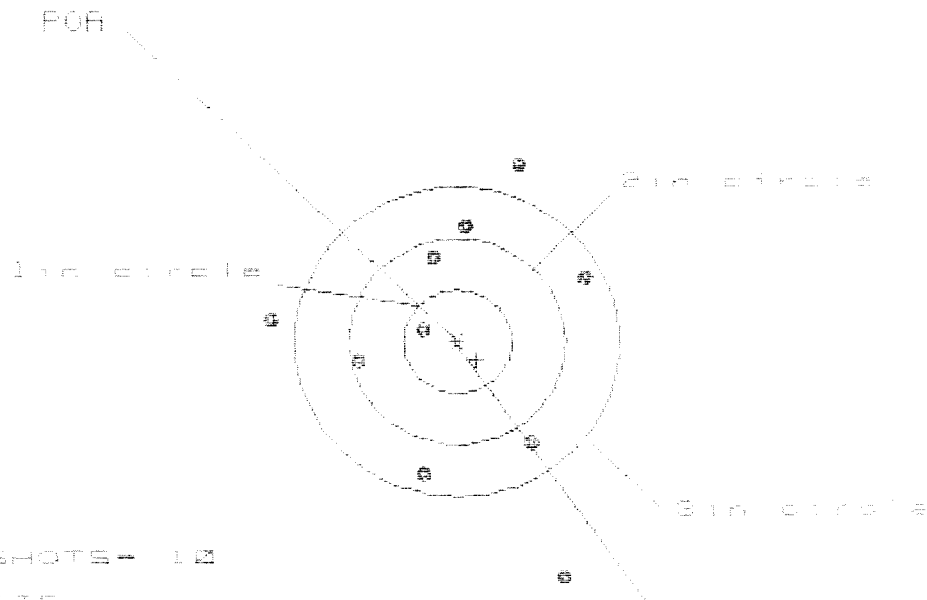
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0774
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0758
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .108335

THE AMP FOR THIS RIFLE IS: 1.032

(50)

FILE:/PATTERNING/CENTERFIRE_PATT/06065924

CENTERFIRE PATTERNS



* SHOTS - 12

* 1in CIR

1in = 1

2in = 3

3in = 7

MEAN = 2.984

SD = 3.588

SEA = 4.881

CENTROID *

FILE #

1

FILE OF

10

9

8

X

1.228

1.324

1.410

Y

-1.684

-1.588

-1.494

X

1.752

1.584

1.022

Y

-2.233

-1.534

-1.346

X

-1.179

-1.283

-1.309

Y

.179

.427

.239

X

.253

.513

.440

Y

.347

.278

.149

X

1.384

1.133

1.052

Y

2.422

1.652

1.527

X

2.984

2.984

2.984

Y

3.985

3.038

2.968

X

4.881

3.177

2.934

Y

=

1

=

X

=

3

=

Y

=

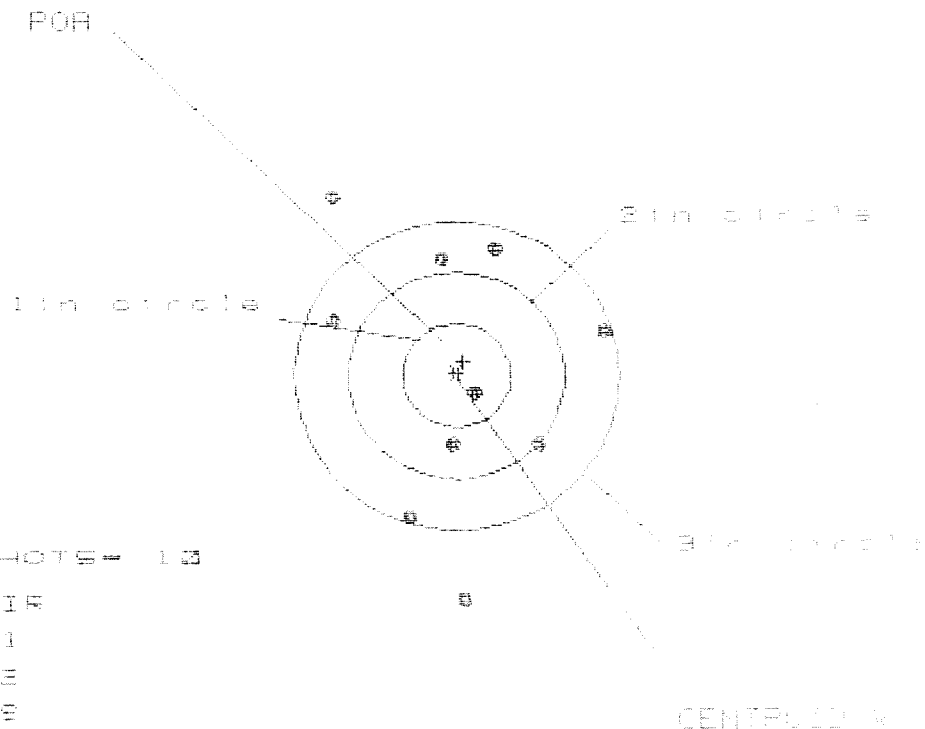
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FILE:/PATTERNING/CENTERFIRE_PATT/06665324

CENTERFIRE PATTERNS # 2



OF SHOTS = 12

IN CIR

1 in = 1

2 in = 3

3 in = 9

OS = 2.481

S = 2.536

GS = 4.113

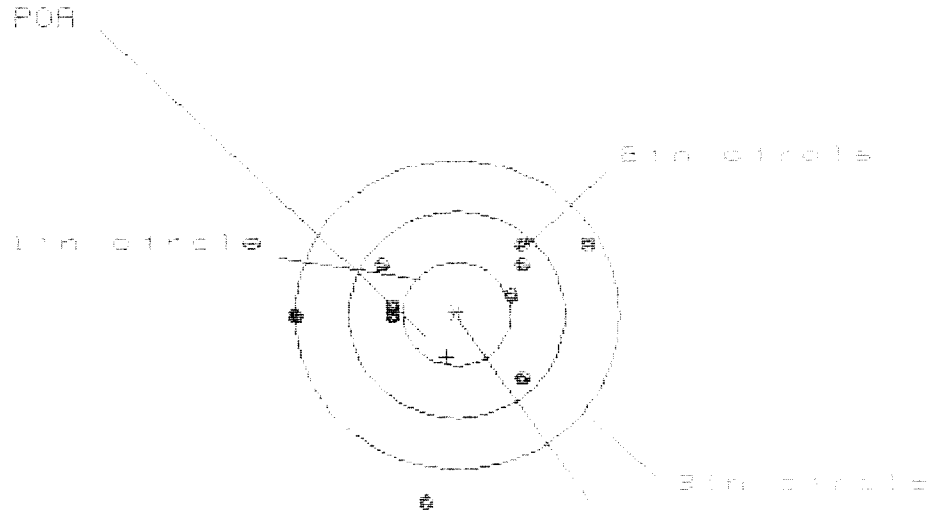
PATTERN # : 2

	10	9	8
BEST OF 10	1.390	1.402	1.267
MINIMUM	-1.101	-1.089	-1.224
MAXIMUM	1.744	1.501	1.140
MINIMUM	-2.192	-1.627	-1.446
MAXIMUM	-0.062	-0.074	0.061
MINIMUM	-0.135	0.108	-0.079
MAXIMUM	0.149	0.131	0.108
MINIMUM	0.196	0.406	0.186
MAXIMUM	1.261	1.162	1.038
MINIMUM	2.194	1.848	1.530
MAXIMUM	2.491	2.491	2.491
MINIMUM	3.936	3.128	2.580
MAXIMUM	4.113	3.204	2.687
MINIMUM ONE INCH CIRCLE =		1	
MINIMUM TWO INCH CIRCLE =		2	
MINIMUM THREE INCH CIRCLE =		8	

JUL 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8685324

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

1st = 0.888

2nd = 2.482

3rd = 2.856

CENTROID +

PATTERN #	:	3		
100% BEST OF	:	10	9	8
1st MIN	:	1.182	1.155	1.967
1st MAX	:	-1.473	-1.500	-1.910
2nd MIN	:	.672	.470	.437
2nd MAX	:	-1.810	-1.793	-1.826
3rd MIN	:	.093	.120	.308
3rd MAX	:	.416	.618	.651
4th MIN	:	.427	.629	.720
4th MAX	:	.520	.468	.282
5th MIN	:	.962	.839	.725
5th MAX	:	1.828	1.524	1.061
6th MIN	:	2.655	2.655	1.877
6th MAX	:	2.482	1.263	1.263
7th MIN	:	2.856	2.755	1.887
8th MIN	:			
8th MAX	:			
9th MIN	:			
9th MAX	:			
10th MIN	:			
10th MAX	:			
11th MIN	:			
11th MAX	:			
12th MIN	:			
12th MAX	:			
13th MIN	:			
13th MAX	:			
14th MIN	:			
14th MAX	:			
15th MIN	:			
15th MAX	:			
16th MIN	:			
16th MAX	:			
17th MIN	:			
17th MAX	:			
18th MIN	:			
18th MAX	:			
19th MIN	:			
19th MAX	:			
20th MIN	:			
20th MAX	:			
21st MIN	:			
21st MAX	:			
22nd MIN	:			
22nd MAX	:			
23rd MIN	:			
23rd MAX	:			
24th MIN	:			
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100th MAX	:			

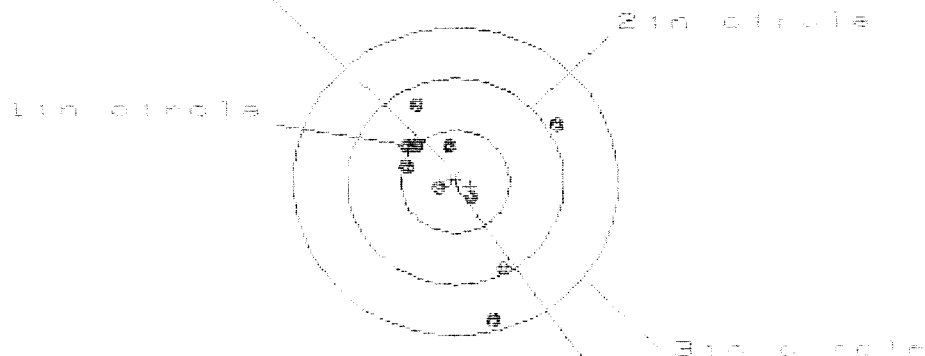
A/C 1581

FILE: PATTERNING/CENTERFIRE_PAT1/06665934

CENTERFIRE PATTERNS

#

FOR



OF SHOTS = 10

IN CIR

1in = 5

2in = 5

3in = 10

MEAN = 1.453

SE = 0.113

SD = 0.103

CENTRAL *

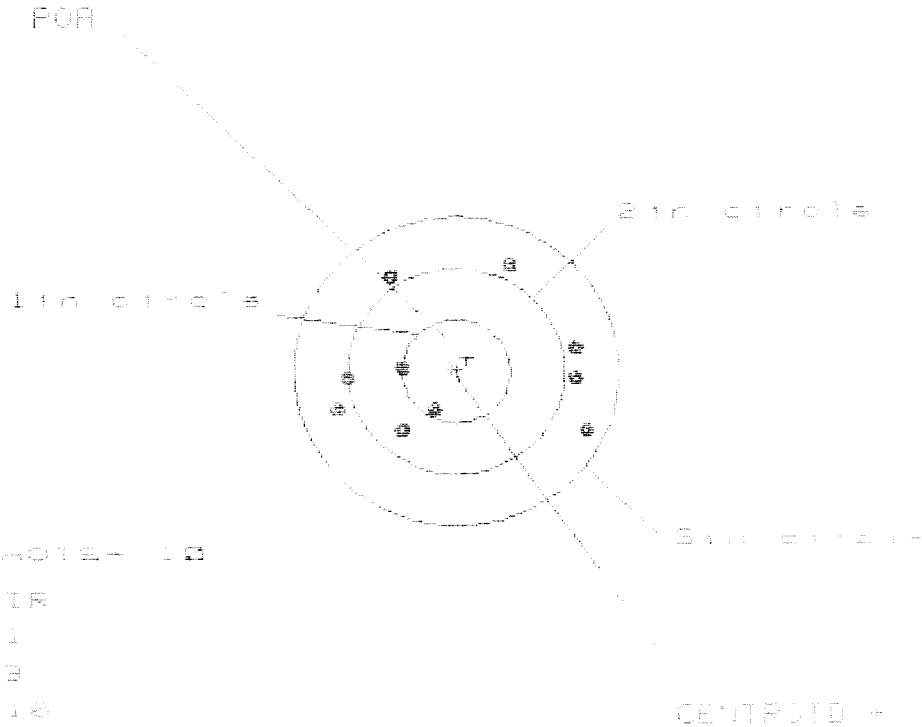
PATTERN #		4		
BEAT OF	:	10	9	8
MEAN	:	.948	.986	.606
SE	:	-.474	-.436	-.313
SD	:	.726	.571	.624
MEAN	:	-1.393	-1.010	-.957
SE	:	-.141	-.179	-.162
SD	:	.048	.203	.150
MEAN	:	.149	.270	.238
SE	:	.197	.192	.168
SD	:	.665	.551	.459
MEAN	:	1.484	1.119	1.133
SE	:	1.422	1.422	.919
SD	:	2.119	1.581	1.591
MEAN	:	2.289	1.783	1.781
MEAN	:	ONE INCH CIRCLE	=	5
MEAN	:	TWO INCH CIRCLE	=	0
MEAN	:	THREE INCH CIRCLE	=	10

S. NO. 1591

FILE: PATTERNING/CENTERFIRE_PATT/08865924

CENTERFIRE PATTERNS

2



OF SHOTS - 10

1 - 11R

2 - 1

3 - 2

4 - 10

SUM = 2.282

SUM = 1.014

SUM = 1.005

X - #

5

DEL. OF #

10

9

8

DEL. OF #

1.162

1.264

1.380

DEL. OF #

-1.070

-1.941

-1.702

DEL. OF #

1.001

1.937

1.919

DEL. OF #

-1.612

-1.677

-1.895

DEL. OF #

-1.060

-1.227

-1.385

DEL. OF #

-1.129

-1.064

-1.046

DEL. OF #

1.162

1.236

1.388

DEL. OF #

1.447

1.403

1.146

DEL. OF #

1.969

1.911

1.818

DEL. OF #

1.308

1.273

1.347

DEL. OF #

2.232

2.205

2.172

DEL. OF #

1.614

1.614

1.614

DEL. OF #

2.305

2.255

2.155

DEL. OF #

1

3

10

DEL. OF #

1

3

10