

FORM

UPC



0 47700 25716 7

66665895

*INCLUDES 1 IN CHAMBER

CAPACITY*

ORDER NO. 5716

BARREL LENGTH

MODEL 700 TM M24

Remington



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

MODEL 700™ M24

SERIAL NO.
C6665895

ORDER NO.
5716

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

20



5716 C6665895

ORDER 5716
MODEL 700™ M24
UPC

ORDER 5716
MODEL 700™ M24
UPC



0 47700 25716 7



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665895

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/27/91	KH
600	Proof		9/27/91	KH
607	Check Headspace		9/27/91	KH
610	Dis-assemble Gun		9/27/91	KH
612	Magnaflux Barrel Action	OCT	4 1991	Kcd
	Magnaflux Bolt	OCT	4 1991	Kcd
615	Rollmark Caliber	OCT	4 1991	G8
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-13-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/4/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/4/91	KH
	C) Inspect Ejector Hole for Chamfer		11/4/91	KH
	D) Oil Firing Pin Ass'y		11/4/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-15-91	GH

op. #	BARBER MEM24 0103766	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5	5	5	11/15/91	JH
	G) Safety Off Force	3	3	3	3	3	11/15/91	JH
	H) Trigger Pull Test & Retainability						11/15/91	JH
	I) Firing Pin Indent	.020	.020	.020	.020	.020	11/16/91	JH
	J) Assemble Stock						11/20/91	KH
	K) Assemble Swivel Studs						11/26/91	JH
	L) Attach Front and Rear Sight Assemblies						11/22/91	KH
	M) Iron Sight Alignment						11/22/91	KH
	N) Detach Front & Rear Sights & place in numbered container						11/22/91	KH
	O) Attach Scope to Rifle						11/22/91	KH
	P) Detach & Attach Scope 20 Times						11/22/91	KH
640	Gallery Target & Test						11/25/91	AC
	A) Time						11-25-91	AC
	B) Malfunctions						11-25-91	AC
	C) Pierced Primers						11-25-91	AC
	D) Optical Clarity of Scope						11-25-91	AC
645	Inspect for Live Ammo						11-25-91	AC
655	Final Inspection						11-26-91	JH
	A) Headspace						11-26-91	JH
	B) Trigger Pull	263	262	260	270	267	11-26-91	JH
	C) Function						11-26-91	JH
660	Pack						12-15-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6665895

DATE 11-15-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.44	2.45	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.46	2.55	2.62	
PULL #3	2.44	2.20	2.38	2.60	
PULL #4	2.25	2.30	2.31	2.70	
PULL #5	2.42	2.37	2.35	2.67	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.55		
PULL #2	3.46	3.57		
PULL #3	3.33	3.48		
PULL #4	3.25	3.44		
PULL #5	3.50	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	4.63	4.60		4.51
PULL #2	4.38	4.63		4.62
PULL #3	4.37	4.35		4.63
PULL #4	4.52	4.54		4.51
PULL #5	4.50	4.56		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665895
25 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.269757
1 TO	2	.427126
1 TO	3	.20901
1 TO	4	.0562228
1 TO	5	.432589

28 <----POA

POA IS: .0592
POA IS: -.015
POA RIFLE IS: .0610728

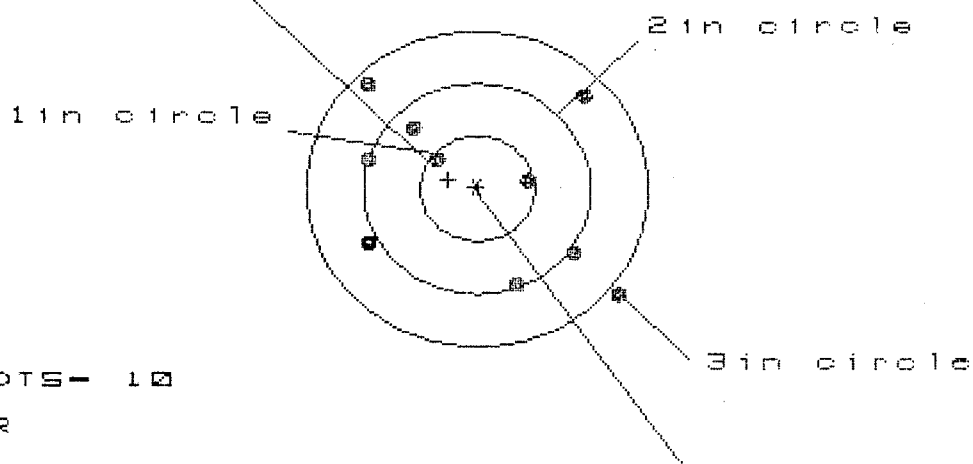
.1

FILE:/PATTERNING/CENTERFIRE_PATT/C8685895

CENTERFIRE PATTERNS

1

POA



* 00 SHOTS- 10

11 CIR

1 - 5

1 - 5

0 - 0

2 232

2.001

2.901

CENTROID *

1

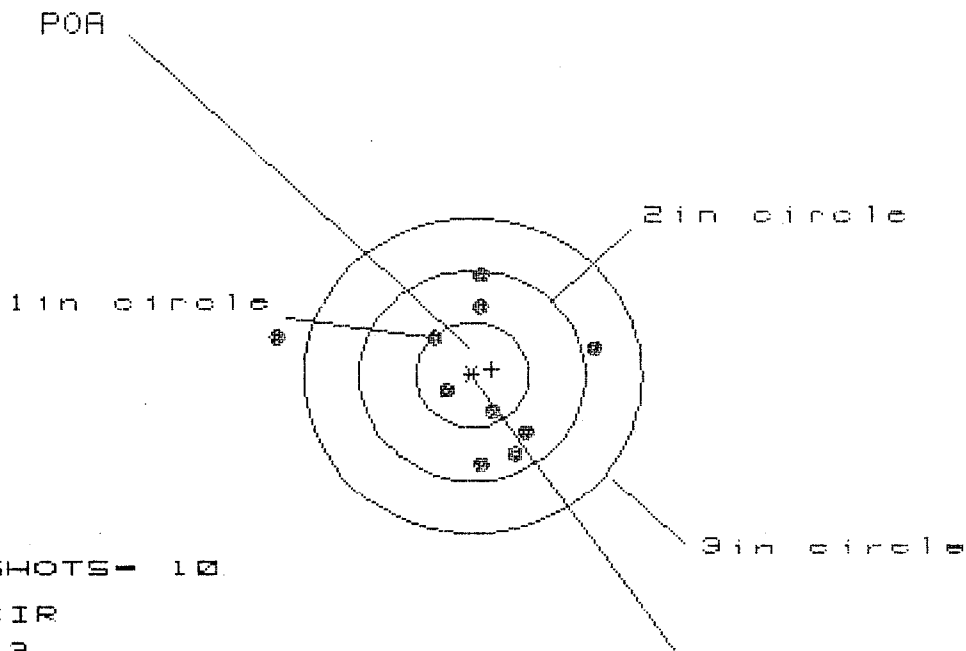
10	9	8
1.247	1.115	1.012
-.985	-.847	-.950
.987	.875	.840
1.014	-1.001	-.892
.255	.117	.220
.008	.024	-.085
.770	.119	.236
.415	.307	.454
.010	.917	.887
.50	1.333	1.315
1.202	1.962	1.962
1.001	1.876	1.732
2.901	2.411	2.402
	2	
	5	
	9	

10-40-1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665895

CENTERFIRE PATTERNS

2



OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 9

1in = 2.779

2in = 1.772

3in = 2.782

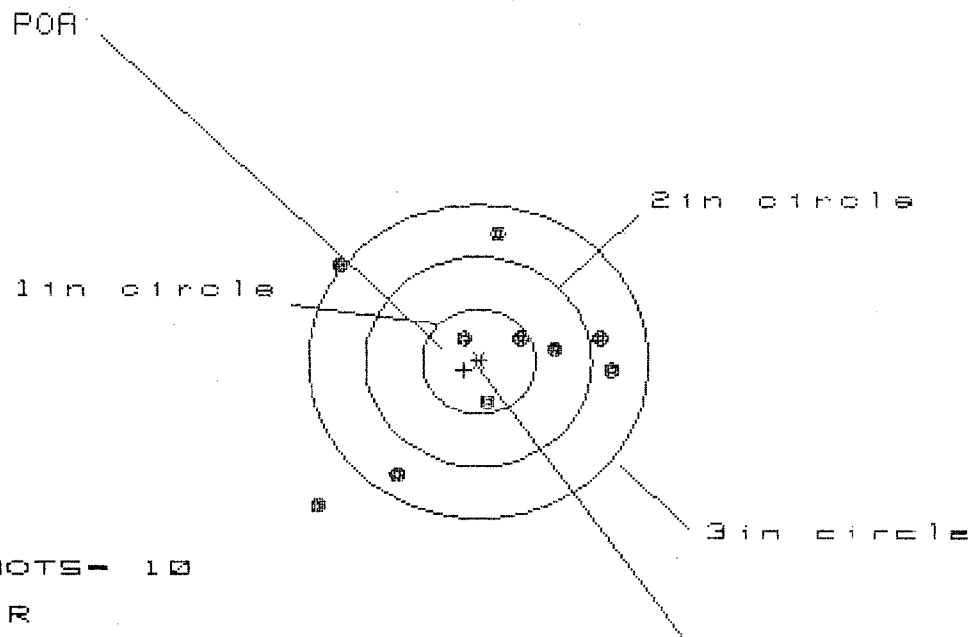
CENTROID *

PATTERN #	10	9	8
SHOT (BEST OF)	10	9	8
MAXIMUM X	1.042	.849	.366
MINIMUM X	-1.737	-.497	-.391
MAXIMUM Y	.963	1.007	1.046
MINIMUM Y	-.309	-.765	-.726
CEX X	-.171	.022	-.084
CEX Y	-.057	-.101	-.140
CEX CENTROID in.	.180	.104	.164
MAX X	.299	.312	.299
MAX Y	.797	.674	.627
MAX SPREAD	1.782	1.014	1.046
MIN SPREAD	2.779	1.346	.757
Avg SPREAD	1.772	1.772	1.772
1in SPREAD	2.782	1.772	1.772
1in INCH CIRCLE =	3		
2in INCH CIRCLE =	8		
3in INCH CIRCLE =	9		

11 NOV 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665895

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 8

HS- 2.573

VS- 2.550

GS- 3.023

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.134	.974	.797
MINIMUM X	:	-1.439	-1.420	-1.089
MAXIMUM Y	:	1.216	1.068	1.161
MINIMUM Y	:	-1.334	-1.225	-1.132
CENTROID X	:	.128	.288	.465
CENTROID Y	:	.078	.226	.133
POA TO CENTROID in.	:	.150	.366	.484
MIN RADIUS	:	.302	.231	.198
MEAN RADIUS	:	1.020	.870	.745
MEAN RADIUS	:	1.962	1.602	1.571
HORIZONTAL SPREAD	:	2.573	2.394	1.886
VERTICAL SPREAD	:	2.550	2.293	2.293
ELLIPSE SPREAD	:	3.029	2.583	2.481
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

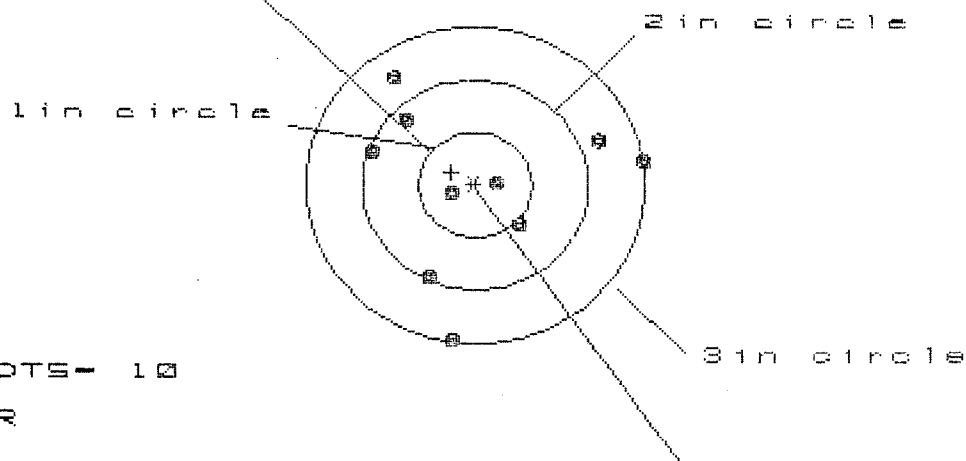
5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665895

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.393

VS= 2.498

ES= 2.553

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.473	1.222	1.216
MINIMUM X	:	-.920	-.756	-.762
MAXIMUM Y	:	1.065	1.090	.913
MINIMUM Y	:	-1.433	-1.408	-1.002
CENTROID X	:	.211	.047	.053
CENTROID Y	:	-.123	-.148	.028
POA TO CENTROID in.	:	.244	.155	.060
MIN RADIUS	:	.175	.094	.265
MEAN RADIUS	:	.917	.842	.778
MAX RADIUS	:	1.490	1.409	1.254
HORIZONTAL SPREAD	:	2.393	1.978	1.978
VERTICAL SPREAD	:	2.498	2.498	1.915
EXTREME SPREAD	:	2.553	2.553	1.997
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

20 MAY 1981

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 0

2in - 6

3in - 10

CENTROID #

MS- 1.842

VS- 2.047

GS- 2.344

PATTERN #

CHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADII

MEAN RADII

MAX RAD

HORIZONTAL SPREAD

VERTICAL SPREAD

E SPREAD SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

.946

-.896

.950

-1.097

-.127

.115

.171

.542

.844

1.302

1.842

2.047

2.344

0

6

10

9

.728

-.791

1.050

-.997

-.232

.015

.233

.405

.828

1.152

1.519

2.047

2.052

0

6

10

8

.800

-.719

.925

-.723

-.304

.140

.335

.408

.775

1.052

1.519

1.648

1.980