

C6649154

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington[®] **DU PONT**
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM M24

SERIAL NO.
C6649154

ORDER NO.
5716

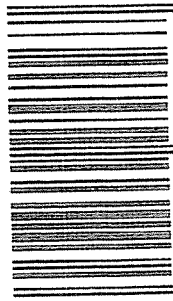
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MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6649154

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649154

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/26/91	KH
600	Proof		6/26/91	KH
607	Check Headspace		6/26/91	KH
610	Dis-assemble Gun		6/26/91	KH
612	Magnaflux Barrel Action		JUL 1 8 1991	CS
	Magnaflux Bolt		JUL 1 8 1991	CS
615	Rollmark Caliber		JUL 1 8 1991	CS
617	Drill and Tap Sight Holes		JUL 1 8 1991	FB
618	Polish Barrel		JUL 2 0 1991	WB
620	Apply Coatings (Barrel Action)		7-01	AA
	Apply Coating (Bolt)		7-01	AA
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/91	KH
	C) Inspect Ejector Hole for Chamfer		8/8/91	KH
	D) Oil Firing Pin Ass'y		8/8/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		8-10-91	JU

op. #	OP. NAME BARBER, M24 0065428	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	6 1/2	6 1/2	7	8-10-91	DH		
	G) Safety Off Force	2 3/4	2 3/4	2 3/4	8-10-91	DH		
	H) Trigger Pull Test & Retainability				8-10-91	DH		
	I) Firing Pin Indent	.022	.022	.022	8-14-91	DH		
	J) Assemble Stock				8-15-91	KA		
	K) Assemble Swivel Studs				8-22-91	DH		
	L) Attach Front and Rear Sight Assemblies				8-15-91	KA		
	M) Iron Sight Alignment				8-15-91	KA		
	N) Detach Front & Rear Sights & place in numbered container				8-15-91	KA		
	O) Attach Scope to Rifle				8-15-91	KA		
	P) Detach & Attach Scope 20 Times				8-15-91	KA		
640	Gallery Target & Test				8-20-91	NF		
	A) Time				"	NF		
	B) Malfunctions				"	NF		
	C) Pierced Primers				"	NF		
	D) Optical Clarity of Scope				"	NF		
645	Inspect for Live Ammo				8-20-91	NF		
655	Final Inspection							
	A) Headspace				8-22-91	DH		
	B) Trigger Pull	2.36	2.39	2.43	2.41	2.41	8-22-91	DH
	C) Function						8-22-91	DH
660	Pack						9-18-91	NF

0	TO	1	.211078
1	TO	2	.124403
1	TO	3	.292542
1	TO	4	.192481
1	TO	5	.421029

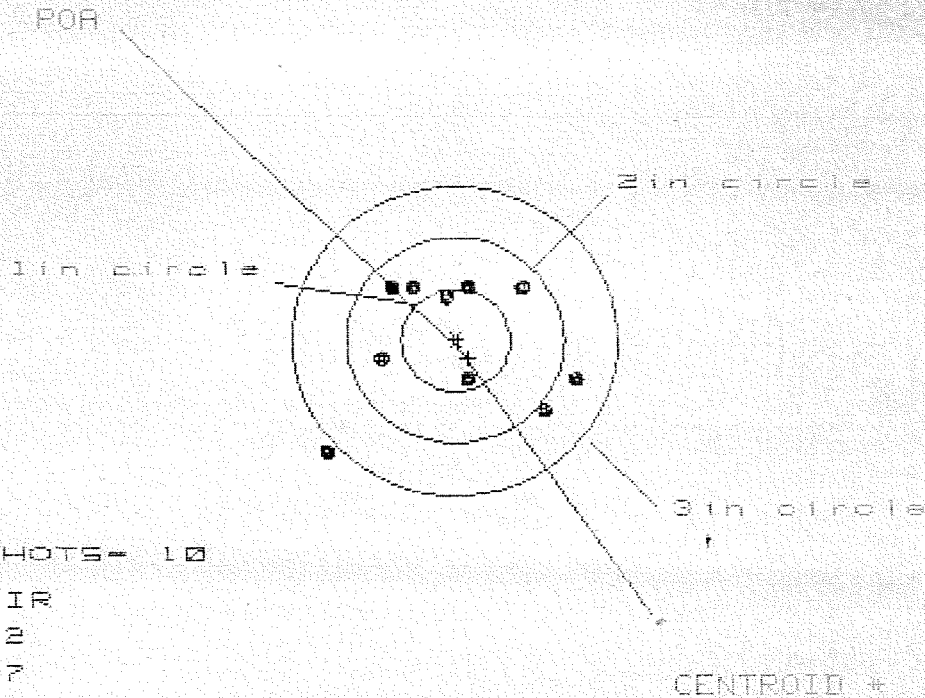
←---POA

BARBER - M24 **M2400065468**

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08649154

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.245

VS = 1.662

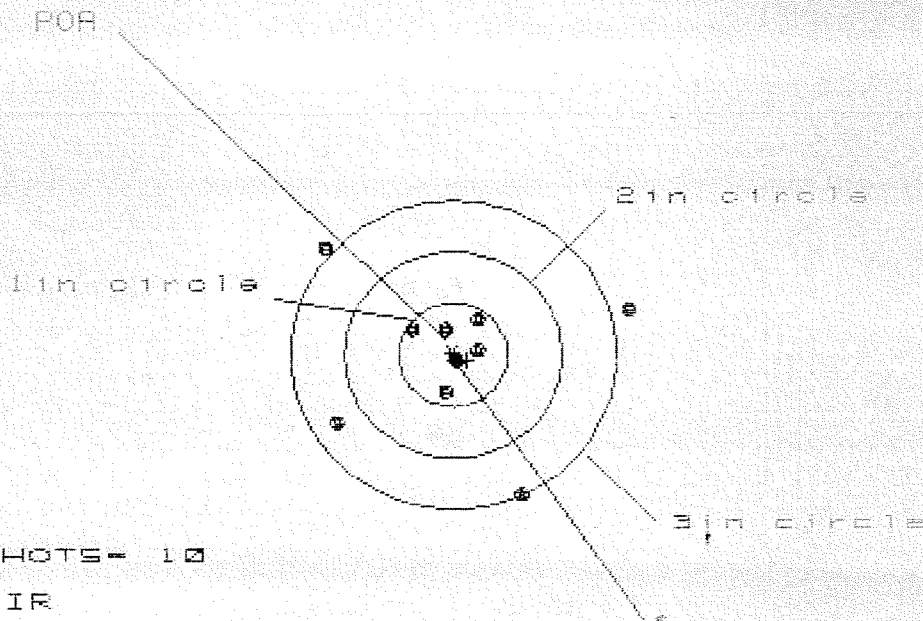
GS = 2.428

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.066	.935	.821
MINIMUM X	-1.179	-.782	-.665
MAXIMUM Y	.566	.444	.384
MINIMUM Y	-1.097	-.799	-.859
CENTROID X	-.115	.016	-.101
CENTROID Y	.177	.298	.358
POA TO CENTROID in.	.211	.299	.372
MIN RADIUS	.364	.364	.265
MEAN RADIUS	.808	.697	.624
MAX RADIUS	1.510	1.065	1.188
HORIZONTAL SPREAD	2.245	1.717	1.486
VERTICAL SPREAD	1.662	1.243	1.243
EXTREME SPREAD	2.428	1.878	1.875
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649154

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 6

2 in = 6

3 in = 7

HS= 2.812

VS= 2.424

GS= 3.032

CENTROID *

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.642	.834	.711
MINIMUM X	-1.170	-.988	-1.032
MAXIMUM Y	1.043	1.088	.546
MINIMUM Y	-1.381	-1.336	-1.200
CENTROID X	-.125	-.307	-.184
CENTROID Y	.053	.088	-.128
POA TO CENTROID in.	.136	.307	.224
MIN RADIUS	.032	.218	.197
MEAN RADIUS	.791	.715	.617
MAX RADIUS	1.692	1.575	1.394
HORIZONTAL SPREAD	2.812	1.822	1.743
VERTICAL SPREAD	2.424	2.424	1.746
EXTREME SPREAD	3.032	3.032	1.942
NUMBER IN ONE INCH CIRCLE =	6		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8648154

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.567

VS= 2.447

GS= 2.596

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.186	1.238	1.072
MINIMUM X	:	-1.381	-1.329	-1.722
MAXIMUM Y	:	1.013	.854	.850
MINIMUM Y	:	-1.434	-.810	-.814
CENTROID X	:	-.049	-.100	.066
CENTROID Y	:	-.108	.051	.055
POA TO CENTROID in.	:	.118	.112	.086
MIN RADIUS	:	.114	.063	.132
MEAN RADIUS	:	.885	.802	.744
MAX RADIUS	:	1.506	1.330	1.130
HORIZONTAL SPREAD	:	2.567	2.567	1.794
VERTICAL SPREAD	:	2.447	1.664	1.664
EXTREME SPREAD	:	2.596	2.596	1.886
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08649154

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

CENTROID *

HS= .932

VS= 2.182

GS= 2.314

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.485	.453	.382
MINIMUM X	-.447	-.479	-.422
MAXIMUM Y	1.269	.748	.652
MINIMUM Y	-.913	-.772	-.736
CENTROID X	-.008	.024	-.033
CENTROID Y	.017	-.124	-.028
POA TO CENTROID in.	.018	.127	.043
MIN RADIUS	.286	.228	.308
MEAN RADIUS	.641	.561	.512
MAX RADIUS	1.301	.895	.777
HORIZONTAL SPREAD	.932	.932	.804
VERTICAL SPREAD	2.182	1.520	1.388
EXTREME SPREAD	2.314	1.783	1.442
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

23 Aug 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06649154

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 10

HS = 2.289

VS = 1.957

GS = 2.571

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.609

.933

.763

MINIMUM X

-1.280

-1.356

-.928

MAXIMUM Y

1.301

.760

.748

MINIMUM Y

-.656

-.511

-.523

CENTROID X

.028

.104

.274

CENTROID Y

-.219

-.364

-.352

POA TO CENTROID in.

.221

.378

.446

MIN RADIUS

.247

.270

.130

MEAN RADIUS

.813

.721

.595

MAX RADIUS

1.471

1.359

1.192

TOTAL SPREAD

2.289

2.289

1.691

SPREAD

1.957

1.271

1.271

SPREAD

2.571

2.323

2.101

ONE INCH CIRCLE

=

4

TWO INCH CIRCLE

=

7

THREE INCH CIRCLE

=

10

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

SERIAL NO. C-6649154DATE 8-10-91TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.64	2.45	2.38	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.27	2.44	2.39	
PULL #3	2.20	2.30	2.40	2.43	
PULL #4	2.22	2.29	2.36	2.41	
PULL #5	2.23	2.44	2.40	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.23		
PULL #2	3.18	3.45		
PULL #3	3.24	3.38		
PULL #4	3.15	3.36		
PULL #5	3.21	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.35		4.29
PULL #2	4.43	4.35		4.40
PULL #3	4.29	4.35		4.40
PULL #4	4.25	4.22		4.45
PULL #5	4.44	4.38		4.45
TOTAL				
AVG.				