



06648921

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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.
C6648921

ORDER NO.
5716

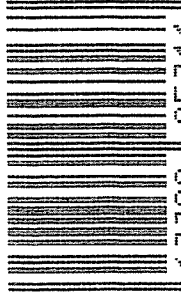
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6648921

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648921

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2	9 1	RW
600	Proof	7 2	9 1	RW
607	Check Headspace	7 2	9 1	RW
610	Dis-assemble Gun	7 2	9 1	RW
612	Magnaflux Barrel Action		JUL 22 1991	LS
	Magnaflux Bolt		JUL 22 1991	LS
615	Rollmark Caliber		FUL 22 1991	LS
617	Drill and Tap Sight Holes		JUL 22 1991	LB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		7/22/91	LS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/9/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/9/91	RW
	C) Inspect Ejector Hole for Chamfer		8/9/91	RW
	D) Oil Firing Pin Ass'y		8/9/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/17/91	WB

op. #	BARBER - M24 0033356 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4 1/2	4 3/4			8-19-91	DH
	G) Safety Off Force	3	2 1/2	2 3/4			8-19-91	DH
	H) Trigger Pull Test & Retainability						8/17/91	WB
	I) Firing Pin Indent	1021	1022	1022			8-19-91	DH
	J) Assemble Stock						8/19/91	RW
	K) Assemble Swivel Studs						8-21-91	AC
	L) Attach Front and Rear Sight Assemblies						8/19/91	RW
	M) Iron Sight Alignment						8/19/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/19/91	RW
	O) Attach Scope to Rifle						8/19/91	RW
	P) Detach & Attach Scope 20 Times						8/19/91	RW
640	Gallery Target & Test						8-20-91	AC
	A) Time						8-20-91	AC
	B) Malfunctions						8-20-91	AC
	C) Pierced Primers						8-20-91	AC
	D) Optical Clarity of Scope						8-20-91	AC
645	Inspect for Live Ammo						8-20-91	AC
655	Final Inspection						8-21-91	AC
	A) Headspace							
	B) Trigger Pull	252	233	269	227	249	8-20-91	DH
	C) Function						8-21-91	AC
660	Pack						9-18-91	AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C 6648921

DATE 8/17/91

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.48	2.48	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.21	2.43	2.33	
PULL #3	2.26	2.22	2.41	2.69	
PULL #4	2.29	2.30	2.50	2.27	
PULL #5	2.27	2.28	2.29	2.49	
TOTAL	11.51	11.49	12.11		
AVG.	2.30	2.30	2.42		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.27		
PULL #2	3.09	3.31		
PULL #3	3.32	3.10		
PULL #4	3.29	3.34		
PULL #5	3.07	3.08		
TOTAL	15.95	16.10		
AVG.	3.19	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.19		4.39
PULL #2	4.14	4.18		4.37
PULL #3	4.20	4.13		4.13
PULL #4	4.40	4.23		4.30
PULL #5	4.36	4.30		4.28
TOTAL	21.39	21.03		21.47
AVG.	4.28	4.21		4.29

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648921
22 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.398279
1 TO	2	.323818
1 TO	3	.748844
1 TO	4	.496533
1 TO	5	.380217

2.1 (----) PDR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0288
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0692
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0749539
THE AVERAGE FOR THIS RIFLE IS: .8722

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B4B921

CENTERFIRE PATTERNS # 1

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.633

VS= 1.828

CS= 3.638

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.711

1.497

1.877

MINIMUM X

-1.922

-1.383

-1.196

MAXIMUM Y

.970

.875

.778

MINIMUM Y

-.858

-.772

-.810

CENTROID X

.395

.609

.422

CENTROID Y

-.051

.044

.141

POR TO CENTROID in.

.399

.611

.445

MIN RADIUS

.447

.238

.321

MEAN RADIUS

1.181

.950

.848

MAX RADIUS

2.105

1.685

1.278

HORIZONTAL SPREAD

3.633

2.988

2.273

VERTICAL SPREAD

1.828

1.647

1.588

EXTREME SPREAD

3.638

3.169

2.476

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

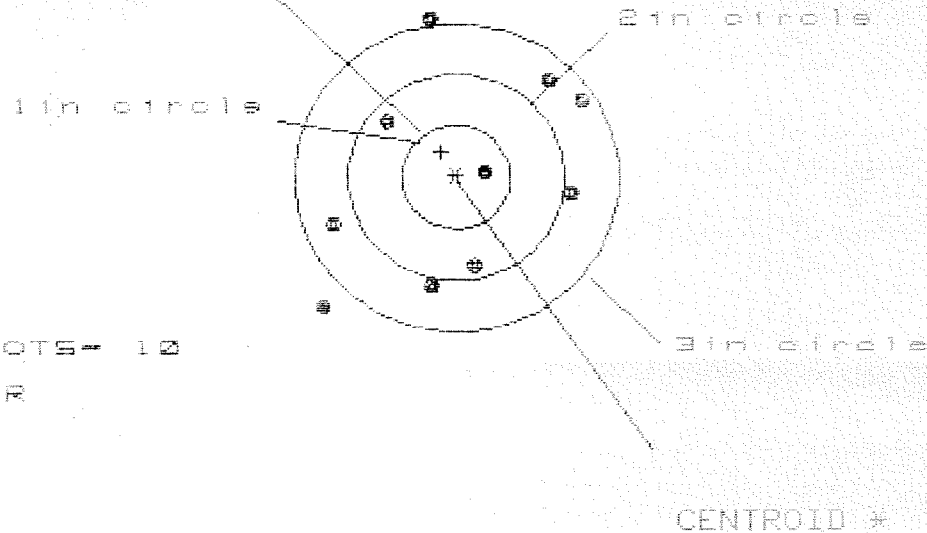
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22-Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6646321

CENTERFIRE PATTERNS # 2

POR



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.331

VS= 2.782

QS= 3.087

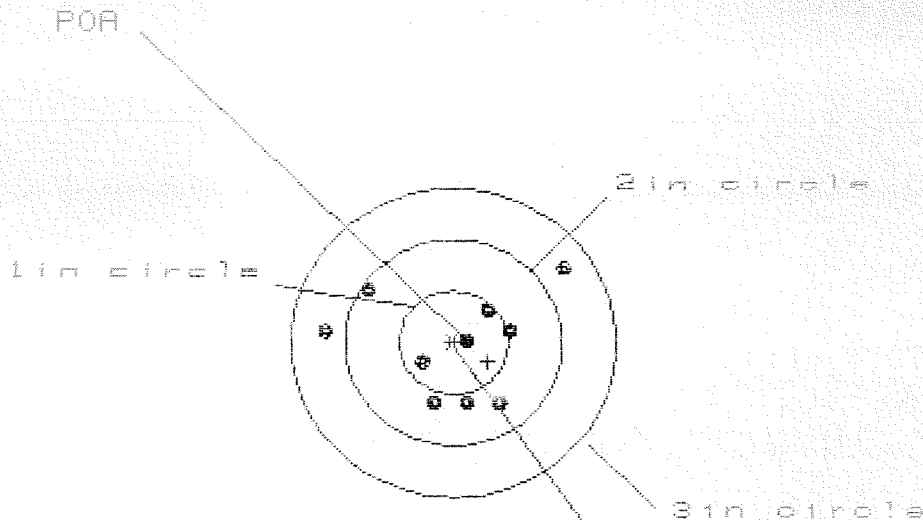
CENTROID +

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.143	1.011	.962
MINIMUM X	-1.188	-1.299	-1.348
MAXIMUM Y	1.518	1.377	.958
MINIMUM Y	-1.264	-1.185	-1.012
CENTROID X	.138	.270	.319
CENTROID Y	-.248	-.107	-.288
POR TO CENTROID in.	.284	.291	.424
MIN RADIUS	.253	.139	.113
MEAN RADIUS	1.131	1.043	.976
MAX RADIUS	1.735	1.441	1.421
HORIZONTAL SPREAD	2.331	2.310	2.310
VERTICAL SPREAD	2.782	2.562	1.970
EXTREME SPREAD	3.087	2.623	2.623
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =			8

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08548921

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 2.217

VS = 1.388

QS = 2.297

PATTERN #

3

SHOTS (BEST OF)

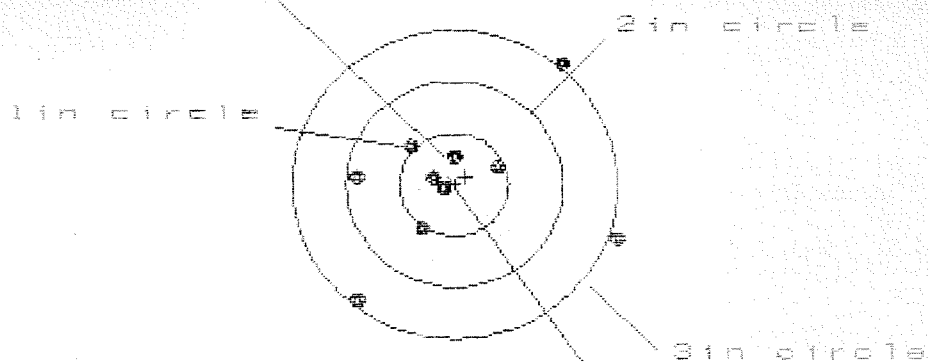
	10	9	8
MAXIMUM X	1.043	.667	.535
MINIMUM X	-1.174	-1.053	-.829
MAXIMUM Y	.751	.631	.660
MINIMUM Y	-.629	-.545	-.516
CENTROID X	-.317	-.433	-.381
CENTROID Y	.181	.097	.068
POA TO CENTROID in.	.365	.444	.389
MIN RADIUS	.092	.216	.171
MEAN RADIUS	.683	.615	.535
MAX RADIUS	1.286	1.083	1.060
HORIZONTAL SPREAD	2.217	1.725	1.364
VERTICAL SPREAD	1.388	1.176	1.176
EXTREME SPREAD	2.297	1.746	1.651
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

22 Aug 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6640321

CENTERFIRE PATTERNS # 4

POA



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

CENTROID #

HS= 2.384

VS= 2.334

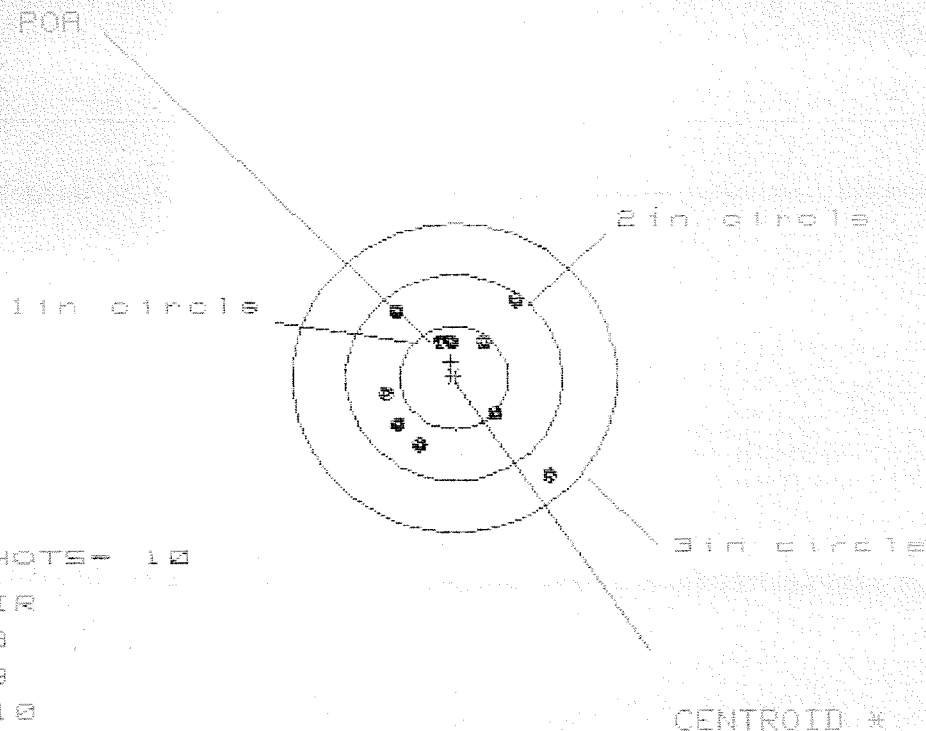
GS= 2.958

PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.484	1.128	.675
MINIMUM X	-.900	-.736	-.595
MAXIMUM Y	1.183	1.128	.437
MINIMUM Y	-1.151	-1.286	-1.065
CENTROID X	-.101	-.265	-.405
CENTROID Y	-.074	-.019	-.160
POA TO CENTROID in.	.125	.266	.436
MIN RADIUS	.138	.002	.180
MEAN RADIUS	.749	.612	.521
MAX RADIUS	1.563	1.590	1.201
HORIZONTAL SPREAD	2.384	1.856	1.271
VERTICAL SPREAD	2.334	2.334	1.502
EXTREME SPREAD	2.958	2.958	1.807
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C864B921

CENTERFIRE PATTERNS # 5



* OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.548

VS= 1.689

GS= 2.210

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.901	.653	.596
MINIMUM X	-.647	-.547	-.465
MAXIMUM Y	.705	.595	.654
MINIMUM Y	-.984	-.775	-.700
CENTROID X	.029	-.071	-.153
CENTROID Y	-.154	-.044	-.119
POA TO CENTROID in.	.156	.084	.193
MIN RADIUS	.364	.274	.353
MEAN RADIUS	.597	.602	.570
MAX RADIUS	1.334	.884	.747
HORIZONTAL SPREAD	1.548	1.200	1.055
VERTICAL SPREAD	1.689	1.370	1.354
EXTREME SPREAD	2.210	1.625	1.309
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	