

MODEL 700TM 1124

Model	5/15	T1
-------	------	----

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

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

MODEL 700TM M24

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

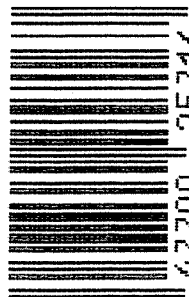
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

SERIAL NO. C6648963	Q/s
ORDER NO. 5716	



5716 C6648963

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6648963

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/2/91	KH
600	Proof		8/2/91	KH
607	Check Headspace		8/2/91	KH
610	Dis-assemble Gun		8/2/91	KH
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	YG
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	WLB
620	Apply Coatings (Barrel Action)		8/27-91	LB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/4/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/4/91	KH
	C) Inspect Ejector Hole for Chamfer		9/4/91	KH
	D) Oil Firing Pin Ass'y		9/4/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		9/5/91	JK

op. #	BARBER - M24 0030049 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			9/5/91	JI
	G) Safety Off Force	4	4	4			9/5/91	JI
	H) Trigger Pull Test & Retainability						9/5/91	JI
	I) Firing Pin Indent	.021	.0225	.0225			9/5/91	JI
	J) Assemble Stock						9/5/91	JI
	K) Assemble Swivel Studs						9/13/91	JI
	L) Attach Front and Rear Sight Assemblies						9/5/91	JI
	M) Iron Sight Alignment						9/5/91	JI
	N) Detach Front & Rear Sights & place in numbered container						9/5/91	JI
	O) Attach Scope to Rifle						9/5/91	JI
	P) Detach & Attach Scope 20 Times						9/5/91	JI
640	Gallery Target & Test						9-6-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						9-6-91	NF
655	Final Inspection							
	A) Headspace						9/13/91	JI
	B) Trigger Pull	2.69	2.70	2.65	2.68	2.69	9/13/91	JI
	C) Function						9/13/91	JI
660	Pack						9-19-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 26648963DATE 9/5/91TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.43	2.48	2.69	MIN. SETTING,
PULL #2	2.30	2.36	2.38	2.70	NO AVG. OF 5
PULL #3	2.22	2.49	2.46	2.65	READINGS ACCEPT-
PULL #4	2.51	2.40	2.43	2.68	ABLE LESS THAN 2#
PULL #5	2.39	2.44	2.45	2.69	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.26		
PULL #2	3.30	3.33		
PULL #3	3.60	3.28		
PULL #4	3.32	3.34		
PULL #5	3.29	3.23		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.32		4.53
PULL #2	4.45	4.44		4.39
PULL #3	4.40	4.46		4.45
PULL #4	4.49	4.39		4.53
PULL #5	4.44	4.53		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648963
7 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.183619
1 TO	2	.355756
1 TO	3	.30747
1 TO	4	.763743
1 TO	5	.277478

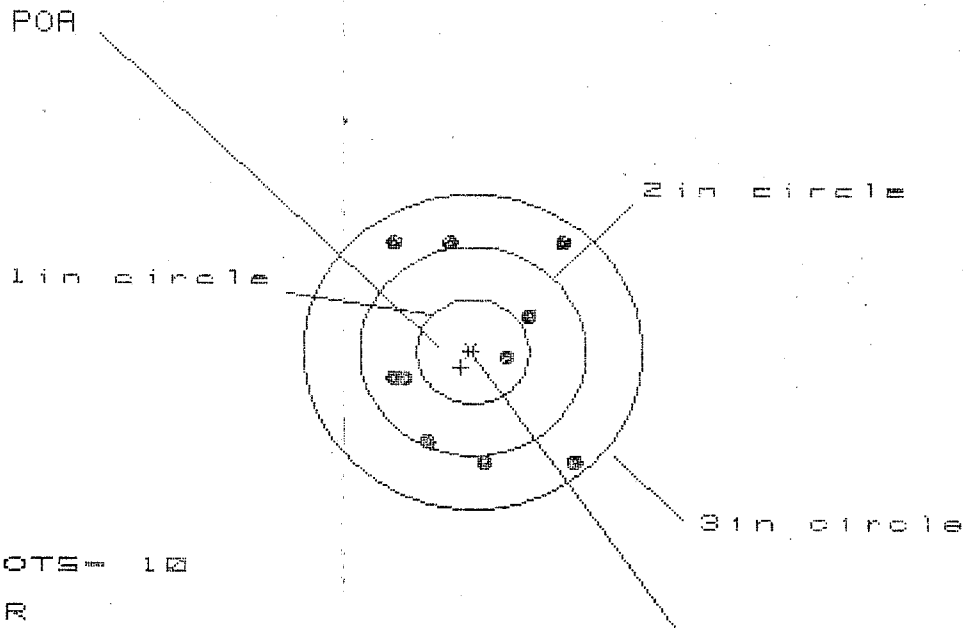
4.61 ←----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0134
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1542
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .154781
THE AMP FOR THIS RIFLE IS: .9674

2 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C864B963

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

HS = 1.626

VS = 2.155

GS = 2.698

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.892	.927	.683
MINIMUM X	:	-.734	-.635	-.519
MAXIMUM Y	:	1.067	.947	1.063
MINIMUM Y	:	-1.088	-1.185	-1.069
CENTROID X	:	.100	.001	-.115
CENTROID Y	:	.154	.274	.158
POA TO CENTROID in.	:	.183	.274	.195
MIN RADIUS	:	.330	.466	.451
MEAN RADIUS	:	.942	.889	.815
MAX RADIUS	:	1.406	1.315	1.181
HORIZONTAL SPREAD	:	1.626	1.562	1.202
VERTICAL SPREAD	:	2.155	2.132	2.132
EXTREME SPREAD	:	2.698	2.295	2.295
NUMBER IN ONE INCH CIRCLE	:	1	1	1
NUMBER IN TWO INCH CIRCLE	:	5	5	5

7 Sep 1991

FILE://PATTERNING/CENTERFIRE_PATT/C6648963

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.344

VS= 3.341

GS= 3.719

CENTROID *

PATTERN #

SHOTS (BEST OF)

MAXIMUM X	: 10	9	8
MINIMUM X	: .873	.709	.709
MAXIMUM Y	: -1.471	-1.041	-1.041
MINIMUM Y	: 1.836	1.668	1.633
CENTROID X	: -1.505	-1.580	-1.371
CENTROID Y	: .031	.195	.195
POA TO CENTROID in.	: -.195	-.027	-.236
MIN RADIUS	: .197	.197	.306
MEAN RADIUS	: .403	.511	.439
MAX RADIUS	: 1.206	1.096	.996
HORIZONTAL SPREAD	: 2.105	1.668	1.636
	: 2.344	1.750	1.750

NUMBER IN ONE INCH CIRCLE =
 NUMBER IN TWO INCH CIRCLE =
 NUMBER IN THREE INCH CIRCLE =

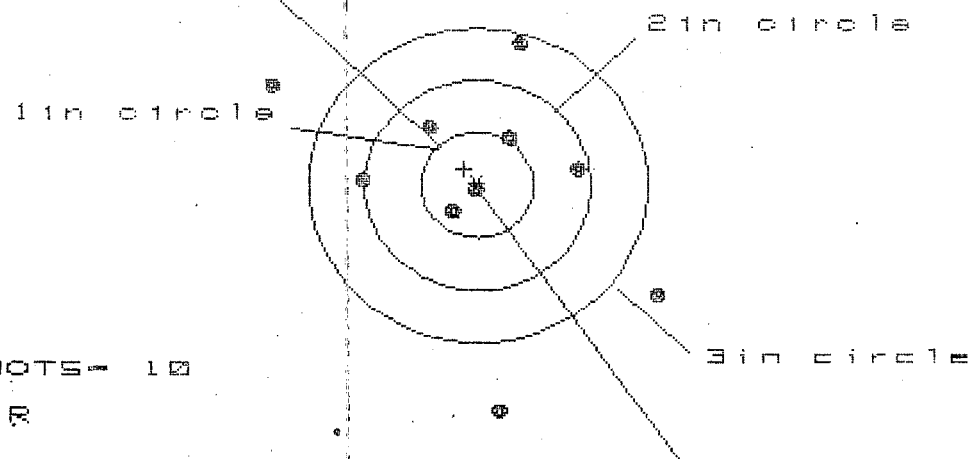
1
 4
 7

7 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648963

CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.414

VS= 3.507

GS= 3.966

CENTROID *

PATTERN #

:

3

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.622

1.639

1.417

MINIMUM X

:

-1.792

-1.775

-1.199

MAXIMUM Y

:

1.360

1.122

1.208

MINIMUM Y

:

-2.147

-1.325

-1.239

CENTROID X

:

.117

.100

.322

CENTROID Y

:

-.153

.085

-.001

POA TO CENTROID in.:

:

.193

.131

.322

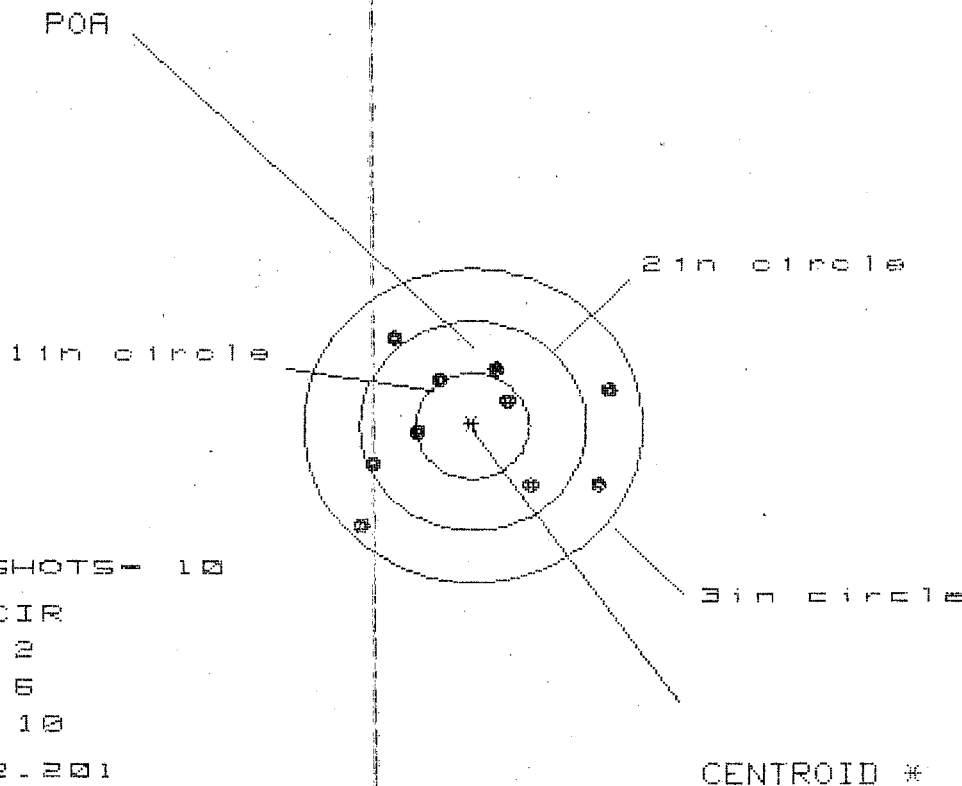
BARBER - M24 0030055

MIN. RADIUS	:	.010	.239	.246
MEAN RADIUS	:	1.099	.975	.855
MAX RADIUS	:	2.152	2.108	1.882
HORIZONTAL SPREAD	:	3.414	3.414	2.616
VERTICAL SPREAD	:	3.507	2.447	2.447
EXTREME SPREAD	:	3.966	3.966	2.837
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

7 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C664B9B3

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.201

VS= 1.779

GS= 2.557

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

P24

10

9

8

1.201

1.090

1.116

-1.000

-1.033

-.896

.820

.713

.742

-.960

-.669

-.640

-.210

-.099

-.236

-.544

-.438

-.467

.584

.449

.523

.372

.218

.343

.865

.785

.738

1.386

1.186

1.286

2.201

2.123

2.012

1.779

1.382

1.382

2.557

2.248

2.248

2

6

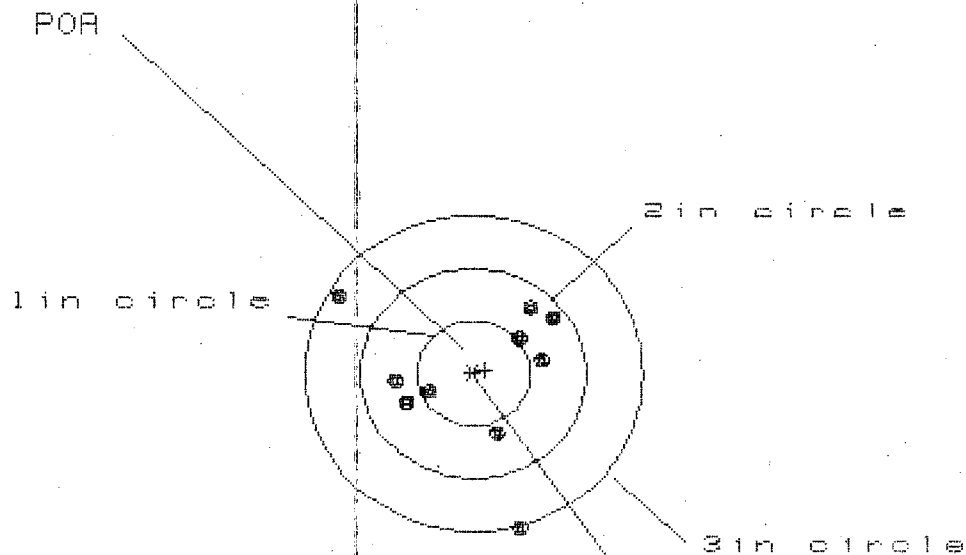
10

7 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648963

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.945

VS= 2.215

GS= 2.716

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.733	.773	.627
MINIMUM X	-1.212	-1.172	-.751
MAXIMUM Y	.775	.615	.563
MINIMUM Y	-1.440	-.694	-.617
CENTROID X	-.105	-.145	.001
CENTROID Y	-.033	.127	.050
POA TO CENTROID in.	.110	.193	.050
MIN RADIUS	.411	.461	.419
MEAN RADIUS	.815	.737	.641
MAX RADIUS	1.484	1.323	.813
HORIZONTAL SPREAD	1.945	1.945	1.378
VERTICAL SPREAD	2.215	1.309	1.180
EXTREME SPREAD	2.716	1.963	1.569
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		