

C6648936

MODEL 700TM N24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

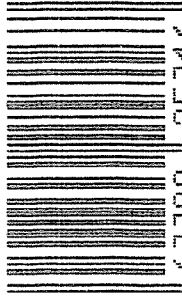
Remington

Remington® REG. U.S. PAT. & TM. OFF.		VERY IMPORTANT! Instruction Book enclosed to assure safe use of this firearm.	
MODEL 700™ H24		SERIAL NO. C6648936	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		20	



5716 C6648936

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648936

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	GS
	Magnaflux Bolt		JUL 22 1991	GS
615	Rollmark Caliber		JUL 22 1991	GS
617	Drill and Tap Sight Holes		JUL 22 1991	FB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		8-2-91	AB
	Apply Coating (Bolt)			AB
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		8-15-91	AB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8-15-91	RU
	G) Safety Off Force	3	3	3			8-15-91	RU
	H) Trigger Pull Test & Retainability						8-15-91	M.
	I) Firing Pin Indent	.0215	.0225	.0215			8-15-91	RU
	J) Assemble Stock						8/15/91	RU
	K) Assemble Swivel Studs						8-17-91	D/H
	L) Attach Front and Rear Sight Assemblies						8/15/91	RU
	M) Iron Sight Alignment						8/15/91	RU
	N) Detach Front & Rear Sights & place in numbered container						8/15/91	RU
	O) Attach Scope to Rifle						8/15/91	RU
	P) Detach & Attach Scope 20 Times						8/15/91	RU
640	Gallery Target & Test						8-15-91	NE
	A) Time						"	NE
	B) Malfunctions						"	NE
	C) Pierced Primers						"	NE
	D) Optical Clarity of Scope						"	NE
645	Inspect for Live Ammo						8-15-91	NE
655	Final Inspection							
	A) Headspace						8-17-91	D/H
	B) Trigger Pull	2.22	2.31	2.40	2.46	2.48	8-17-91	D/H
	C) Function						8-17-91	D/H
660	Pack						8-17-91	D/H

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648936
23 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.0777948
1 TO	2	.13618
1 TO	3	.0206155
1 TO	4	.166643
1 TO	5	.346528

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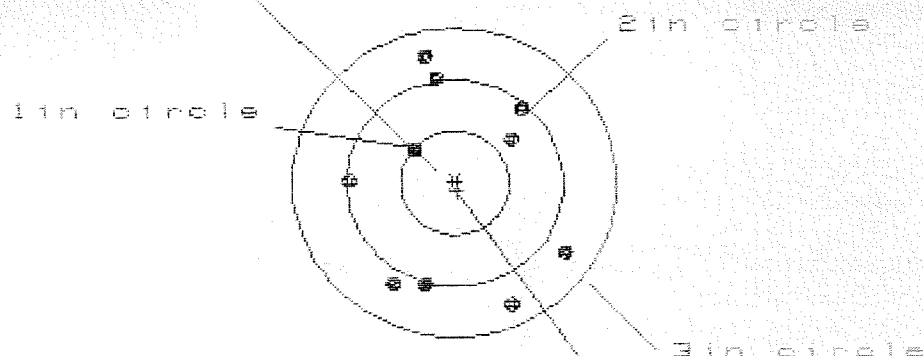
AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.095
AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0346
AVERAGE POI RADIUS FOR THIS RIFLE IS: .101105
OF THIS RIFLE IS: .9446

081

FILE:/PATTERNING/CENTERFIRE_PATT/08640336

CENTERFIRE PATTERNS # 1

POB



OF SHOTS = 10

IN CIR

1" = 1

2" = 4

3" = 10

ME = 1.988

VS = 2.419

GS = 2.556

CENTROID *

PATTERN

SHOTS (BEST OF)

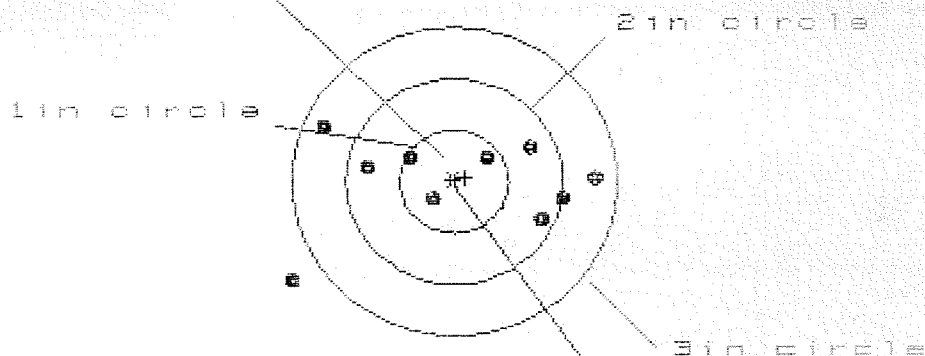
	10	9	8
MAXIMUM X	1.007	1.068	1.043
MINIMUM X	-.991	-.920	-.945
MAXIMUM Y	1.240	1.109	1.032
MINIMUM Y	-1.179	-1.127	-.988
CENTROID X	-.024	-.085	-.060
CENTROID Y	.074	.205	.066
POB TO CENTROID in.	.078	.222	.089
1IN RADIUS	.497	.370	.475
2IN RADIUS	1.005	.940	.934
3IN RADIUS	1.304	1.313	1.216
HORIZONTAL SPREAD	1.988	1.980	1.988
VERTICAL SPREAD	2.419	2.236	2.020
EXTREME SPREAD	2.556	2.266	2.086
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

11 Aug 1991

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CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

IS= 2.808

VS= 1.563

CS= 2.982

CENTROID *

PATTERN #

2

2

SHOTS (BEST OF)

2

10

9

8

MAXIMUM X

25

1.285

1.116

.945

MINIMUM X

25

-1.523

-1.366

-1.188

MAXIMUM Y

25

.584

.475

.250

MINIMUM Y

25

-.979

-.489

-.429

CENTROID X

25

-.188

.069

.240

CENTROID Y

25

-.039

.070

.010

POA TO CENTROID in.

25

.108

.098

.240

MIN RADIUS

25

.190

.173

.205

MEAN RADIUS

25

.896

.770

.669

MAX RADIUS

25

1.810

1.446

1.185

HORIZONTAL SPREAD

25

2.808

2.482

2.125

VERTICAL SPREAD

25

1.563

.964

.687

EXTREME SPREAD

25

2.982

2.544

2.129

NUMBER IN ONE INCH CIRCLE

=

3

NUMBER IN TWO INCH CIRCLE

=

7

NUMBER IN THREE INCH CIRCLE

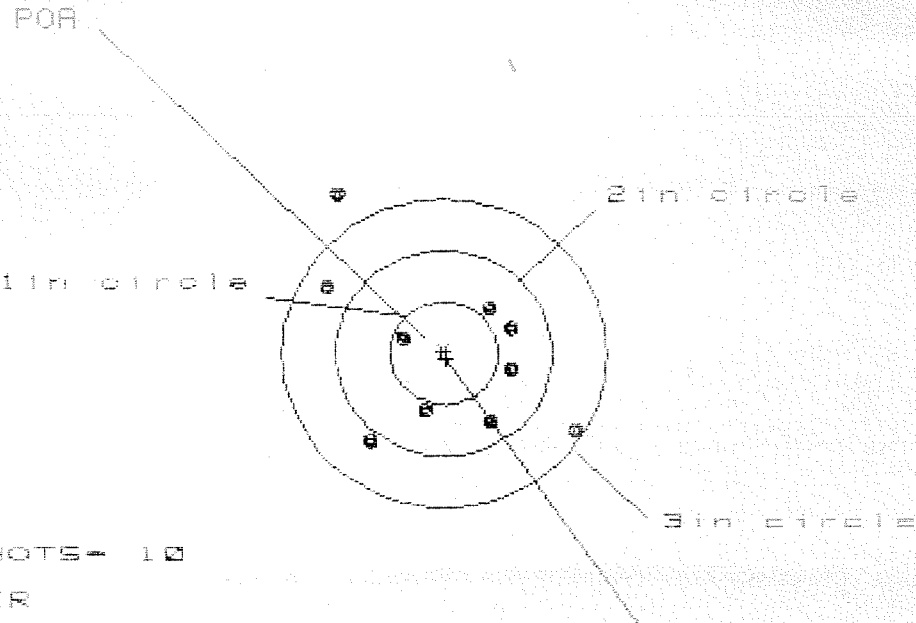
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FILE:/PATTERNING/CENTERFIRE_PATT/C8648336

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 1.057

VS = 2.390

GS = 3.058

CENTROID *

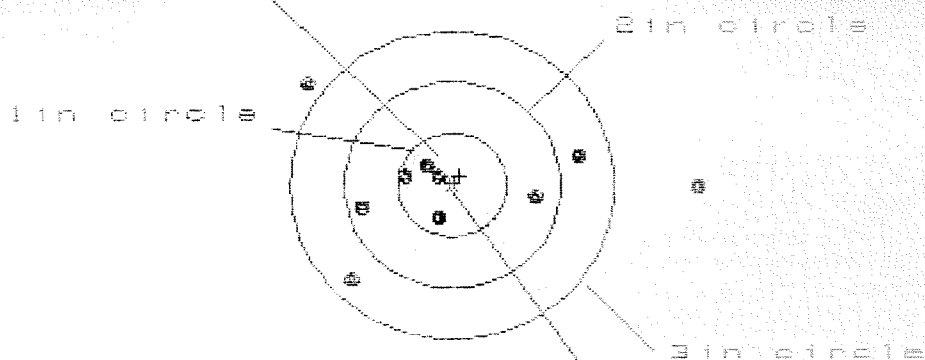
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.175	1.070	.695
MINIMUM X	:	-1.082	-1.187	-1.053
MAXIMUM Y	:	1.499	.827	.759
MINIMUM Y	:	-.891	-.724	-.792
CENTROID X	:	-.019	.006	-.048
CENTROID Y	:	.054	-.113	-.045
POA TO CENTROID in.	:	.057	.142	.066
MIN RADIUS	:	.425	.509	.442
MEAN RADIUS	:	.928	.808	.762
MAX RADIUS	:	1.769	1.446	1.298
HORIZONTAL SPREAD	:	2.257	2.257	1.748
VERTICAL SPREAD	:	2.390	1.551	1.551
EXTREME SPREAD	:	3.058	2.640	1.979
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

23 Aug 1991

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CENTERFIRE PATTERNS # 4

POA



* OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 8

HET= 3.672

VS= 1.942

GS= 3.811

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

2.269

1.418

1.277

MINIMUM X

-1.383

-1.128

-.854

MAXIMUM Y

1.010

1.009

.392

MINIMUM Y

-.931

-.933

-.806

CENTROID X

-.067

-.321

-.188

CENTROID Y

-.087

-.086

-.213

POA TO CENTROID in.

.110

.332

.279

MIN RADIUS

.135

.137

.154

MEAN RADIUS

.945

.740

.653

MAX RADIUS

2.290

1.514

1.336

HORIZONTAL SPREAD

3.672

2.546

2.131

VERTICAL SPREAD

1.942

1.942

1.198

EXTREME SPREAD

3.811

2.652

2.445

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

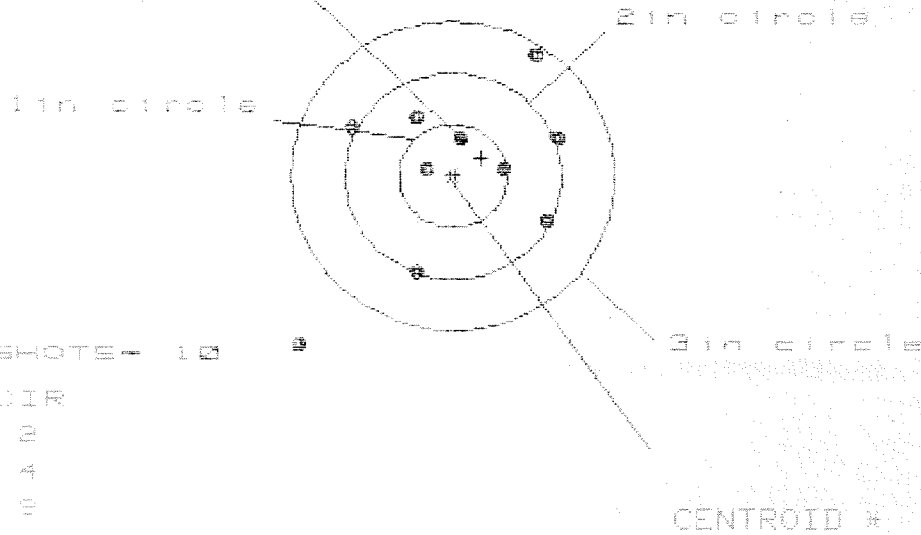
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25 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/Q8B4B936

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 8

10 = 8.408

VS = 2.774

CS = 2.367

PATTERN #

5

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

FOR TO CENTROID in.

ALL SHOTS

PER RATIO

PER RATIO

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

	10	9	8
MAXIMUM X	1.935	1.772	1.849
MINIMUM X	-1.470	-1.119	-1.042
MAXIMUM Y	1.125	.942	.549
MINIMUM Y	-1.649	-1.156	-1.039
CENTROID X	-.265	-.102	-.179
CENTROID Y	-.175	.008	-.109
FOR TO CENTROID in.	.318	.102	.210
ALL SHOTS	.203	.214	.207
PER RATIO	.949	.767	.726
PER RATIO	2.210	1.252	1.114
HORIZONTAL SPREAD	2.406	1.891	1.691
VERTICAL SPREAD	2.774	2.098	1.508
EXTREME SPREAD	3.572	2.367	2.365
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6648936
DATE 8-15-91
TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.20	2.30	2.22	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.48	2.28	2.31	
PULL #3	2.32	2.20	2.28	2.40	
PULL #4	2.20	2.26	2.35	2.46	
PULL #5	2.28	2.32	2.36	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.28		
PULL #2	3.48	3.33		
PULL #3	3.50	3.26		
PULL #4	3.30	3.27		
PULL #5	3.42	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	4.37	4.21		4.26
PULL #2	4.27	4.20		4.32
PULL #3	4.33	4.23		4.24
PULL #4	4.26	4.23		4.20
PULL #5	4.34	4.31		4.29
TOTAL				
AVG.				