

06649265

MODEL 700TM M24

Model **515**TM

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington

Remington

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

MODEL 700™ 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.
 C6649265

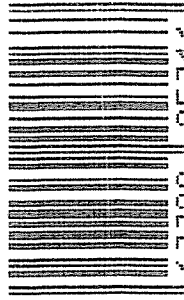
ORDER NO.
 5716

20



5716 C6649265

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649265

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25	9 1	RW
600	Proof	6 25	9 1	RW
607	Check Headspace	6 25		RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	GS.
617	Drill and Tap Sight Holes	JUL	1 1991	EB
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/28/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	WB
	C) Inspect Ejector Hole for Chamfer		8/28/91	WB
	D) Oil Firing Pin Ass'y		8/28/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		8/26/91	JU.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/4	5 1/2	5 1/4			8/26/91	DH
	G) Safety Off Force	2	2 1/4	2 1/2			8/26/91	DH
	H) Trigger Pull Test & Retainability						8/26/91	JO
	I) Firing Pin Indent	.021	.020	.021			8/26/91	DH
	J) Assemble Stock							
	K) Assemble Swivel Studs						8-31-91	DH
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						8-31-91	DH
	A) Time						8-31-91	DH
	B) Malfunctions						8-31-91	DH
	C) Pierced Primers						8-31-91	DH
	D) Optical Clarity of Scope						8-31-91	DH
645	Inspect for Live Ammo						8-31-91	DH
655	Final Inspection						8-31-91	DH
	A) Headspace							
	B) Trigger Pull	2.45	2.47	2.51	2.53	2.56	8/29/91	QU
	C) Function						8-31-91	DH
660	Pack						9-18-91	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6649265

DATE 8-26-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.38	2.36	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.36	2.30	2.47	
PULL #3	2.32	2.39	2.38	2.51	
PULL #4	2.34	2.29	2.28	2.53	
PULL #5	2.31	2.33	2.36	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.24		
PULL #2	3.29	3.35		
PULL #3	3.26	3.33		
PULL #4	3.28	3.31		
PULL #5	3.32	3.22		
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	4.43		4.29
PULL #2	4.40	4.42		4.44
PULL #3	4.42	4.36		4.40
PULL #4	4.45	4.39		4.37
PULL #5	4.38	4.21		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # C6649265

28 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.394728
1 TO	2	.286007
1 TO	3	.859964
1 TO	4	.453207
1 TO	5	.344494

51
40+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.397
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .202
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .445436

THE AOR FOR THIS RIFLE IS: .8438

27 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649885

CENTERFIRE PATTERNS

1

FOR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

ME = 2.004

VO = 2.647

GS = 2.648

PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.122	1.125	1.015
MINIMUM X	-.882	-.879	-.738
MAXIMUM Y	1.153	.987	1.063
MINIMUM Y	-1.494	-.856	-.780
CENTROID X	-.067	-.078	.040
CENTROID Y	.389	.559	.479
FOR TO CENTROID in.	.395	.559	.481
MIN RADIUS	.228	.346	.295
MEAN RADIUS	.828	.774	.716
MAX RADIUS	1.494	1.127	1.063
HORIZONTAL SPREAD	2.004	2.004	1.753
VERTICAL SPREAD	2.647	1.843	1.843
EXTREME SPREAD	2.648	2.112	1.887
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

27 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8640265

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HE= 1.493

VS= 2.464

GS= 2.508

CENTROID *

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 =



10

9

8

.372

-.684

.656

-1.151

-.434

.256

.504

.391

.682

1.200

1.056

1.807

2.001

2

8

10

.415

-.641

.512

-.870

-.477

.400

.622

.484

.596

.926

1.056

1.382

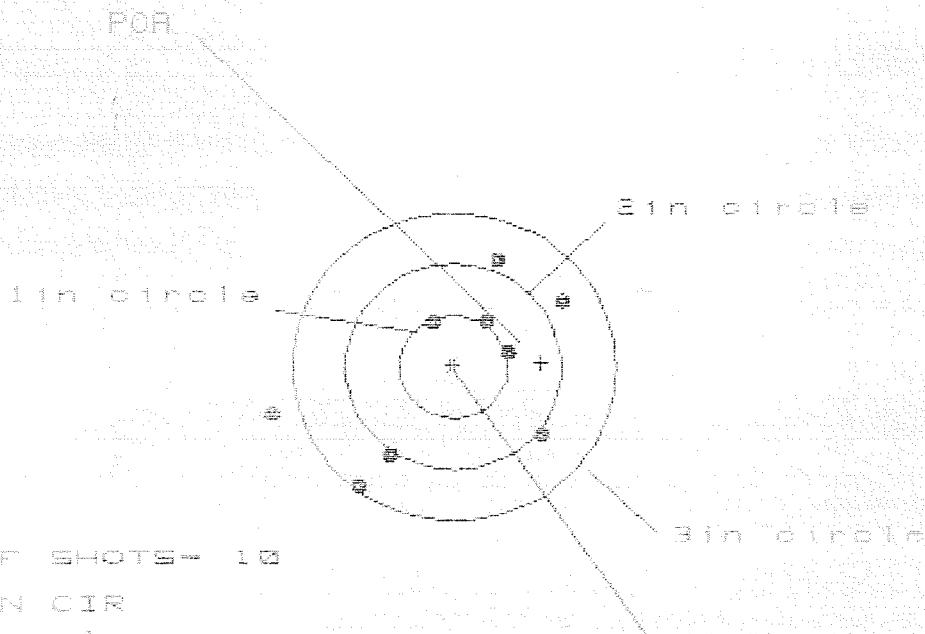
1.610

27 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B49265

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.659

VS= 2.252

GS= 2.861

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.982

.795

.663

MINIMUM X

-1.677

-1.062

-.869

MAXIMUM Y

1.068

1.019

.864

MINIMUM Y

-1.184

-1.234

-1.030

CENTROID X

-.810

-.623

-.491

CENTROID Y

-.044

.006

.160

FOR TO CENTROID in.

.811

.623

.515

MIN RADIUS

.455

.335

.190

MEAN RADIUS

.955

.816

.641

MAX RADIUS

1.736

1.628

1.347

HORIZONTAL SPREAD

2.659

1.857

1.592

VERTICAL SPREAD

2.252

2.252

1.890

EXTREME SPREAD

2.861

2.582

2.100

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

9

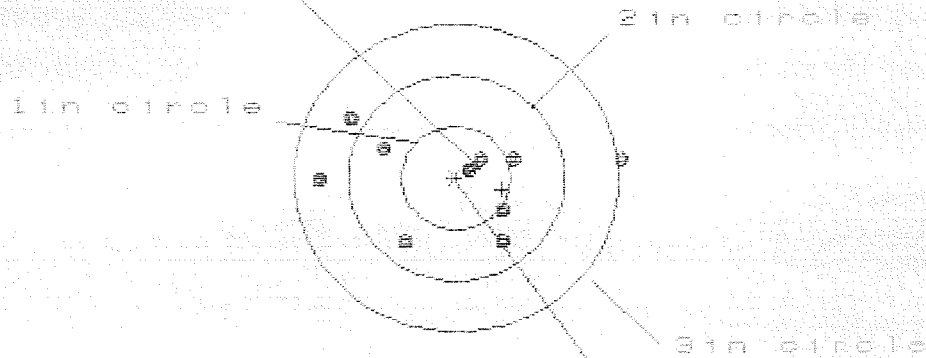
27 AUG 1993

FILE: PATTERNING/CENTERFIRE_PATT/C66492B5

CENTERFIRE PATTERNS

4

POB



* OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.743

VS= 1.165

GS= 2.749

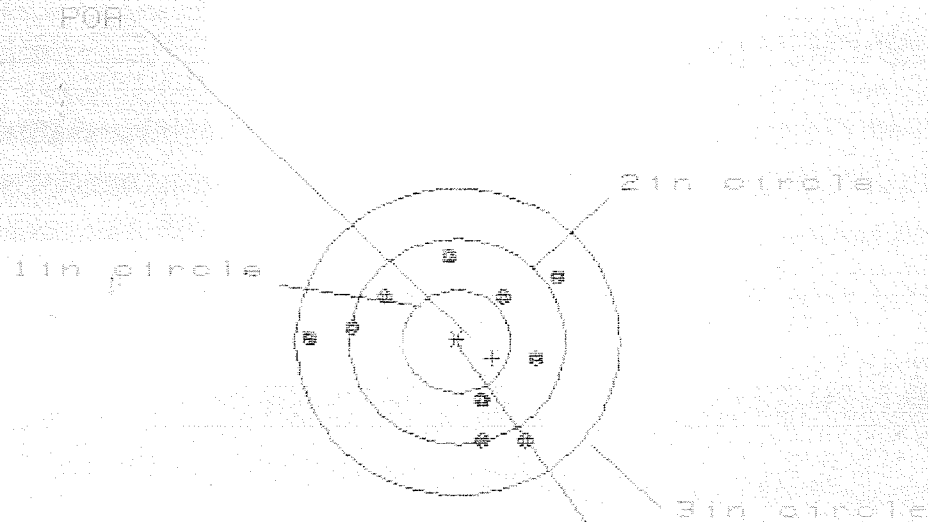
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.499	.703	.569
MINIMUM X	-1.244	-1.078	-.903
MAXIMUM Y	.558	.582	.589
MINIMUM Y	-.607	-.583	-.576
CENTROID X	-.428	-.594	-.459
CENTROID Y	.115	.091	.084
POB TO CENTROID in.	.443	.601	.467
MIN RADIUS	.205	.366	.248
MEAN RADIUS	.769	.705	.625
MAX RADIUS	1.514	1.079	1.078
HORIZONTAL SPREAD	2.743	1.781	1.471
VERTICAL SPREAD	1.165	1.165	1.165
EXTREME SPREAD	2.749	1.820	1.817
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

27 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649265

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 0

2in = 7

3in = 10

HS= 2.358

VS= 1.827

GS= 2.425

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.958

.802

.636

MINIMUM X

-1.400

-1.114

-1.014

MAXIMUM Y

.870

.876

.954

MINIMUM Y

-.957

-.951

-.873

CENTROID X

-.027

-.171

-.271

CENTROID Y

.163

.157

.079

POR TO CENTROID in.

.1365

.232

.293

MIN RADIUS

.578

.496

.584

MEAN RADIUS

.917

.841

.820

MAX RADIUS

1.401

1.126

1.042

HORIZONTAL SPREAD

2.358

1.916

1.650

VERTICAL SPREAD

1.827

1.827

1.827

EXTREME SPREAD

2.425

1.970

1.911

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10