

FORM

UPC



0 47700 25716 2

C6665849

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700TM M24

SERIAL NO.
C6665849

20

ORDER NO.
5716

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



5716 C6665849

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665849

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KL
600	Proof		9/25/91	KL
607	Check Headspace		9/25/91	KL
610	Dis-assemble Gun		9/25/91	KL
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	LS
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10/14/91	HA
	Apply Coating (Bolt)		10/14/91	HA
625	Final Assembly A) Clean inside of Bolt Assembly		10/14/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/16/91	KL
	C) Inspect Ejector Hole for Chamfer		10/16/91	KL
	D) Oil Firing Pin Ass'y		10/16/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/17/91	KL

625 cont.	F) Safety On Force	6 $\frac{1}{4}$	6	6	10-17-91	D/H		
	G) Safety Off Force	2 $\frac{1}{4}$	2	2 $\frac{1}{4}$	10-17-91	D/H		
	H) Trigger Pull Test & Retainability				10/17/91	JH		
	I) Firing Pin Indent	.021	.020	.022	10-17-91	D/H		
	J) Assemble Stock				10/17/91	KH		
	K) Assemble Swivel Studs				10-22-91	AC		
	L) Attach Front and Rear Sight Assemblies				10/17/91	KH		
	M) Iron Sight Alignment				10/17/91	KH		
	N) Detach Front & Rear Sights & place in numbered container				10/17/91	KH		
	O) Attach Scope to Rifle				10/17/91	KH		
	P) Detach & Attach Scope 20 Times				10/17/91	KH		
640	Gallery Target & Test				10-21-91	AC		
	A) Time				10-21-91	AC		
	B) Malfunctions				10-21-91	AC		
	C) Pierced Primers				10-21-91	AC		
	D) Optical Clarity of Scope				10-21-91	AC		
645	Inspect for Live Ammo				10-21-91	AC		
655	Final Inspection							
	A) Headspace				10-22-91	AC		
	B) Trigger Pull	225	225	224	210	226	10-22-91	D/H
	C) Function						10-22-91	AC
660	Pack						12-17-91	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C-6665849

DATE 10/17/91

TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.37	2.38	225	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.68	2.35	2.30	225	
PULL #3	2.66	2.28	2.25	224	
PULL #4	2.67	2.34	2.38	210	
PULL #5	2.40	2.36	2.40	226	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.59	3.45		
PULL #2	3.57	3.43		
PULL #3	3.45	3.52		
PULL #4	3.44	3.45		
PULL #5	3.47	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.22		4.60
PULL #2	4.26	4.18		4.21
PULL #3	4.57	4.53		4.60
PULL #4	4.44	4.46		4.59
PULL #5	4.36	4.42		4.54
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665849
21 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.92717
1 TO 2	.95136
1 TO 3	.692878
1 TO 4	1.01451
1 TO 5	1.01613

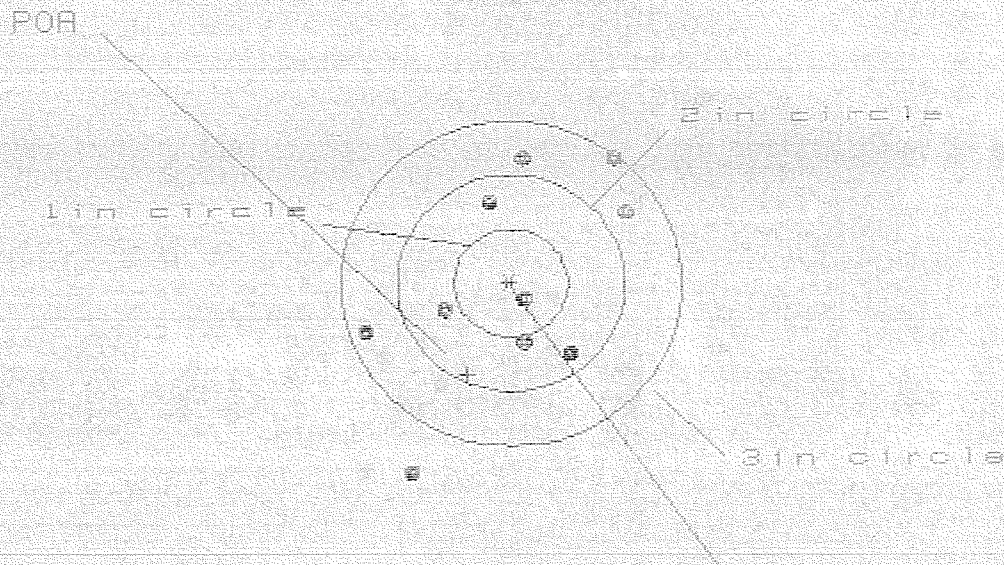
1
45 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1458
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .154
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .21287
THE AMR FOR THIS RIFLE IS: .91

21 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665849

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.267

VS= 2.988

GS= 3.483

CENTROID #

PATTERN #

1

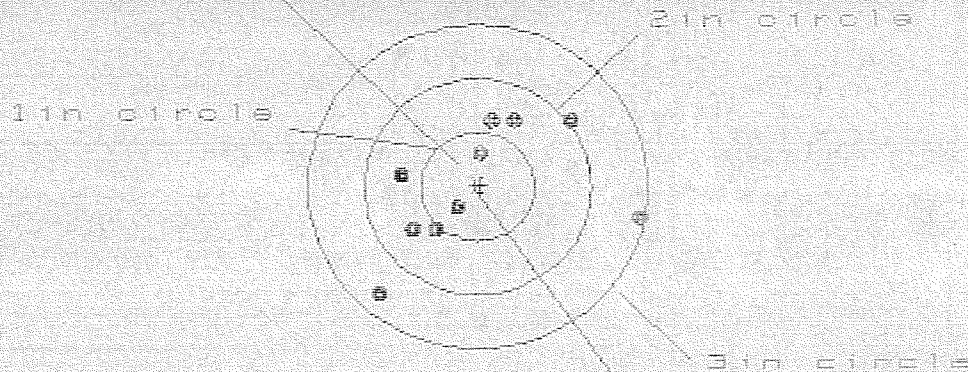
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.031	.932	1.038
MINIMUM X	-1.236	-1.335	-1.228
MAXIMUM Y	1.197	.998	1.119
MINIMUM Y	-1.791	-.852	-.731
CENTROID X	.386	.485	.378
CENTROID Y	.843	1.042	.921
POA TO CENTROID in.	.927	1.149	.996
MIN RADIUS	.170	.330	.239
MEAN RADIUS	1.024	.921	.852
MAX RADIUS	2.002	1.497	1.349
HORIZONTAL SPREAD	2.267	2.267	2.267
VERTICAL SPREAD	2.988	1.850	1.850
EXTREME SPREAD	3.483	2.734	2.558
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

21 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665849

CENTERFIRE PATTERNS # 2

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.332

VS= 1.652

GS= 2.434

CENTROID #

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X : 1.431 : .948 : .855

MINIMUM X : -.901 : -.742 : -.586

MAXIMUM Y : .650 : .616 : .487

MINIMUM Y : -1.002 : -1.036 : -.591

CENTROID X : -.025 : -.184 : -.091

CENTROID Y : -.015 : .019 : .148

POA TO CENTROID in. : .029 : .185 : .174

MIN RADIUS : .247 : .248 : .187

MEAN RADIUS : .766 : .665 : .579

MAX RADIUS : 1.463 : 1.274 : .977

HORIZONTAL SPREAD : 2.332 : 1.690 : 1.441

VERTICAL SPREAD : 1.652 : 1.652 : 1.077

EXTREME SPREAD : 2.434 : 2.354 : 1.730

NUMBER IN ONE INCH CIRCLE = 2

NUMBER IN TWO INCH CIRCLE = 7

NUMBER IN THREE INCH CIRCLE = 10

21 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665843

CENTERFIRE PATTERNS # 3

POB

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 10

HS= 2.119

VS= 2.475

GS= 2.577

CENTROID *

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.260

1.247

1.142

MINIMUM X

-.860

-.872

-.977

MAXIMUM Y

1.101

.949

.942

MINIMUM Y

-1.374

-1.119

-1.001

CENTROID X

.102

.114

.219

CENTROID Y

.211

.363

.245

POB TO CENTROID in.

.234

.381

.328

MIN RADIUS

.641

.705

.586

MEAN RADIUS

.996

.944

.894

MAX RADIUS

1.378

1.297

1.167

HORIZONTAL SPREAD

2.119

2.119

2.119

VERTICAL SPREAD

2.475

2.068

1.943

EXTREME SPREAD

2.577

2.462

2.119

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

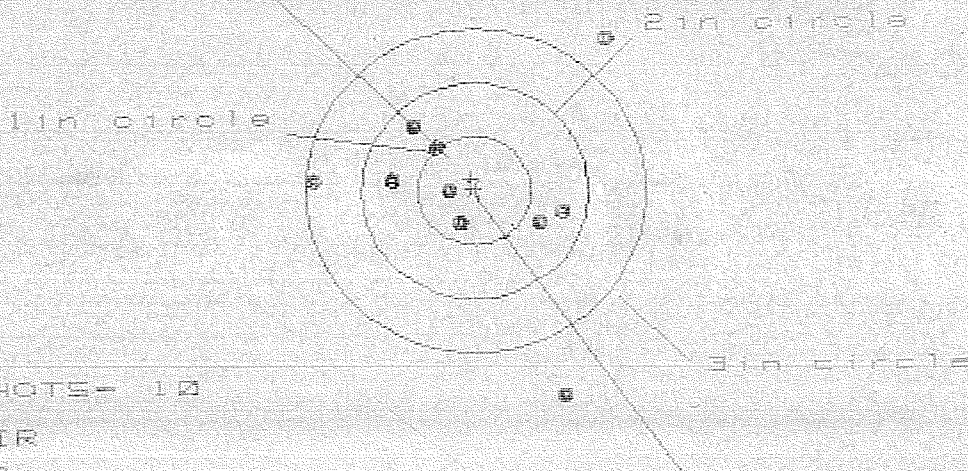
21 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CAB665849

CENTERFIRE PATTERNS

4

POA



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 2.551

VS= 3.321

GS= 3.338

CENTROID *

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.143	1.233	1.059
MINIMUM X	-1.408	-1.318	-1.164
MAXIMUM Y	1.433	1.223	.584
MINIMUM Y	-1.888	-.542	-.389
CENTROID X	.030	-.060	-.214
CENTROID Y	-.107	.103	-.050
POA TO CENTROID in.	.111	.119	.220
MIN RADIUS	.271	.282	.068
MEAN RADIUS	.933	.790	.617
MAX RADIUS	2.053	1.737	1.168
HORIZONTAL SPREAD	2.551	2.551	2.223
VERTICAL SPREAD	3.321	1.765	.893
EXTREME SPREAD	3.338	2.854	2.245
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

21 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665849

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.667

VS= 2.835

GS= 2.944

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.713

.739

.673

MINIMUM X

-.954

-.928

-.994

MAXIMUM Y

1.191

1.008

.605

MINIMUM Y

-1.644

-1.257

-1.131

CENTROID X

.236

.210

.276

CENTROID Y

-.162

.021

-.106

POA TO CENTROID in.

.286

.211

.296

MIN RADIUS

.291

.107

.241

MEAN RADIUS

.831

.705

.652

MAX RADIUS

1.660

1.258

1.137

HORIZONTAL SPREAD

1.667

1.667

1.667

VERTICAL SPREAD

2.835

2.265

1.735

EXTREME SPREAD

2.944

2.315

1.907

NUMBER IN ONE

INCH CIRCLE

= 3

NUMBER IN TWO

INCH CIRCLE

= 7

NUMBER IN THREE

INCH CIRCLE

= 9