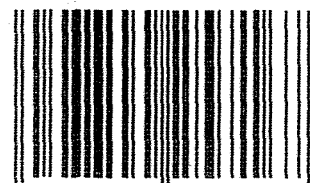


FORM

UPC



0 47700 25716 7

06665840

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.	5716
BARREL LENGTH	
CAPACITY*	

RemingtonVERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.MODEL 700TM M24SERIAL NO.
C6665840

20

ORDER NO.
5716

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



5716 C6665840

ORDER 5716MODEL 700TM M24**UPC**

0 47700 25716 7

ORDER 5716MODEL 700TM M24**UPC**

0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665840

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KA
600	Proof		9/25/91	KA
607	Check Headspace		9/25/91	KA
610	Dis-assemble Gun		9/25/91	KA
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	GB
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	AA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	KA
	C) Inspect Ejector Hole for Chamfer		10/18/91	KA
	D) Oil Firing Pin Ass'y		10/18/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		10/23/91	KA

Op. #	BARBER M24 0103216	READINGS						
625 cont.	F) Safety On Force	5	5 1/4	5 1/2	10-23-91	D/H		
	G) Safety Off Force	2 1/4	2 1/4	2 1/2	10-23-91	D/H		
	H) Trigger Pull Test & Retainability				10/23/91	YH		
	I) Firing Pin Indent	.020	.021	.020	10-23-91	D/H		
	J) Assemble Stock				10/25/91	YH		
	K) Assemble Swivel Studs				10-30-91	KE		
	L) Attach Front and Rear Sight Assemblies				10/25/91	YH		
	M) Iron Sight Alignment				10/25/91	YH		
	N) Detach Front & Rear Sights & place in numbered container				10/25/91	YH		
	O) Attach Scope to Rifle				10/25/91	YH		
	P) Detach & Attach Scope 20 Times				10/25/91	YH		
640	Gallery Target & Test				10-28-91	NF		
	A) Time				10-28-91	NF		
	B) Malfunctions				10-28-91	NF		
	C) Pierced Primers				10-28-91	NF		
	D) Optical Clarity of Scope				10-28-91	NF		
645	Inspect for Live Ammo				10-28-91	NF		
655	Final Inspection							
	A) Headspace				10-30-91	KE		
	B) Trigger Pull	2.37	2.28	2.18	2.18	2.18	10-30-91	D/H
	C) Function						10-30-91	KE
660	Pack						12-20-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665840

DATE 10-23-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.58	2.43	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.38	2.40	2.28	
PULL #3	2.39	2.41	2.39	2.18	
PULL #4	2.38	2.41	2.50	2.18	
PULL #5	2.42	2.41	2.48	2.18	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.43		
PULL #2	3.49	3.51		
PULL #3	3.49	3.41		
PULL #4	3.52	3.54		
PULL #5	3.49	3.58		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.19		4.60
PULL #2	4.40	4.50		4.65
PULL #3	4.58	4.58		4.46
PULL #4	4.46	4.58		4.51
PULL #5	4.50	4.59		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665840
29 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.25103
1 TO	2	.316101
1 TO	3	.402031
1 TO	4	.255707
1 TO	5	.382196

41 <---POB

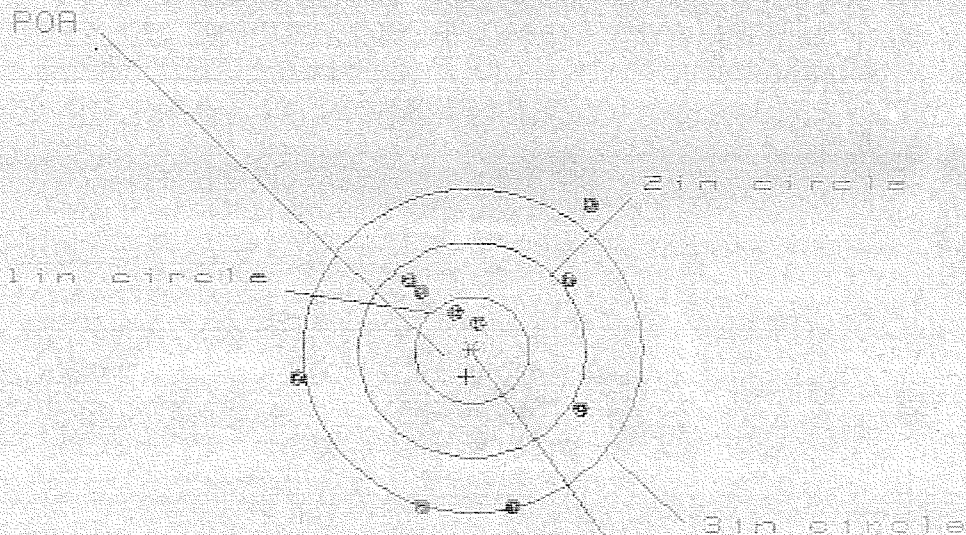
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1226
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0976
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .156705
THE AMR FOR THIS RIFLE IS: .9052

25 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665840

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.603

VS= 2.796

GS= 3.174

CENTROID *

PATTERN #

1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.047	1.060	.880
MINIMUM X	-1.556	-1.439	-.564
MAXIMUM Y	1.309	.823	.806
MINIMUM Y	-1.487	-1.341	-1.359
CENTROID X	.050	-.067	.113
CENTROID Y	.246	.100	.117
POA TO CENTROID in	.251	.120	.162
MIN RADIUS	.274	.438	.406
MEAN RADIUS	1.068	1.022	.958
MAX RADIUS	1.677	1.445	1.453
HORIZONTAL SPREAD	2.603	2.439	1.444
VERTICAL SPREAD	2.796	2.164	2.164
EXTREME SPREAD	3.174	2.566	2.515
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665840

CENTERFIRE PATTERNS

2

POB

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 8

3 in = 8

HS= 3.018

VS= 1.569

GS= 3.244

PATTERN #

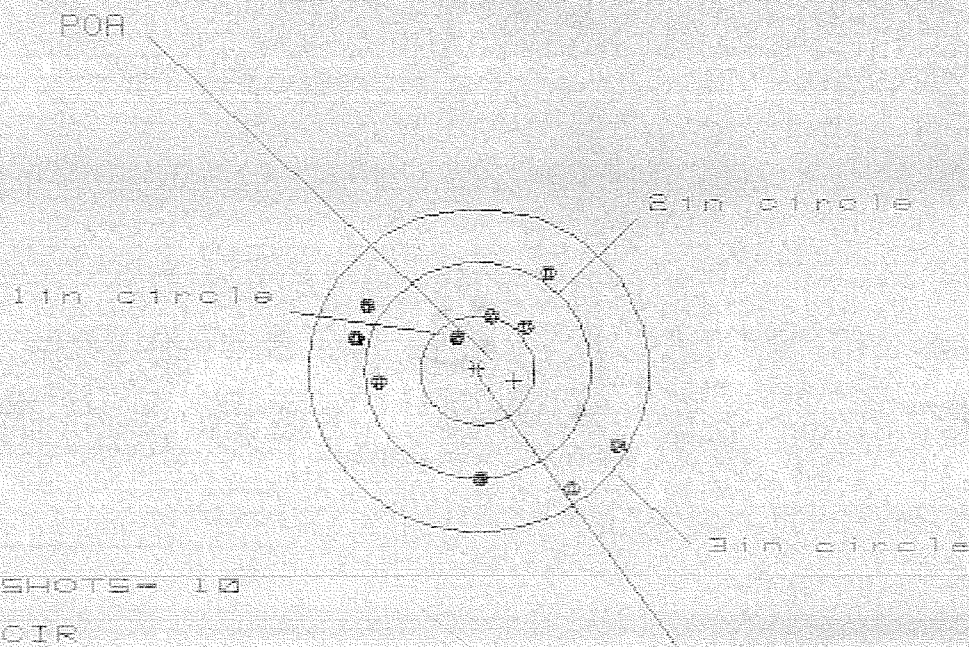
2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.269	1.075	.564
MINIMUM X	-1.749	-.881	-.747
MAXIMUM Y	.853	.816	.780
MINIMUM Y	-.716	-.753	-.651
CENTROID X	.058	.252	.118
CENTROID Y	-.070	-.033	-.135
POB TO CENTROID in.	.091	.254	.179
MIN RADIUS	.513	.362	.426
MEAN RADIUS	.881	.744	.671
MAX RADIUS	1.781	1.349	.991
HORIZONTAL SPREAD	3.018	1.956	1.311
VERTICAL SPREAD	1.569	1.569	1.431
EXTREME SPREAD	3.244	2.508	1.666
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	8	

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06005840

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 2.225

VS = 2.035

GS = 2.514

CENTROID *

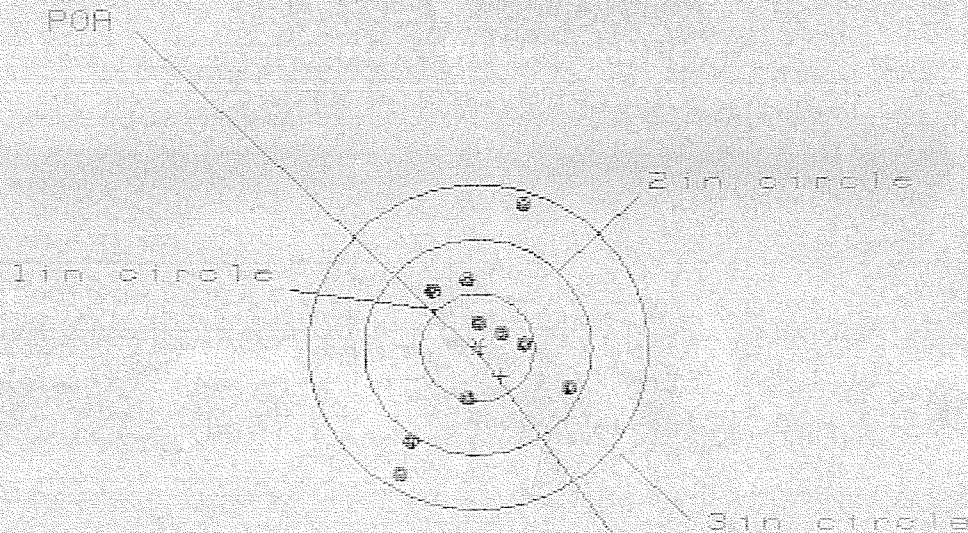
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.175	1.263	.826
MINIMUM X	-1.050	-.962	-.804
MAXIMUM Y	.922	.798	.697
MINIMUM Y	-1.113	-1.077	-1.178
CENTROID X	-.323	-.411	-.569
CENTROID Y	.096	.220	.321
POA TO CENTROID in.	.337	.466	.653
MIN RADIUS	.311	.159	.081
MEAN RADIUS	.925	.840	.730
MAX RADIUS	1.367	1.501	1.204
HORIZONTAL SPREAD	2.225	2.225	1.630
VERTICAL SPREAD	2.035	1.875	1.875
EXTREME SPREAD	2.514	2.514	1.961
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

29 Oct 1991

FILE: \PATTERNING\CENTERFIRE_PATT\08665840

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 4

2in = 7

3in = 10

HS = 1.498

VS = 2.558

GS = 2.794

PATTERN #

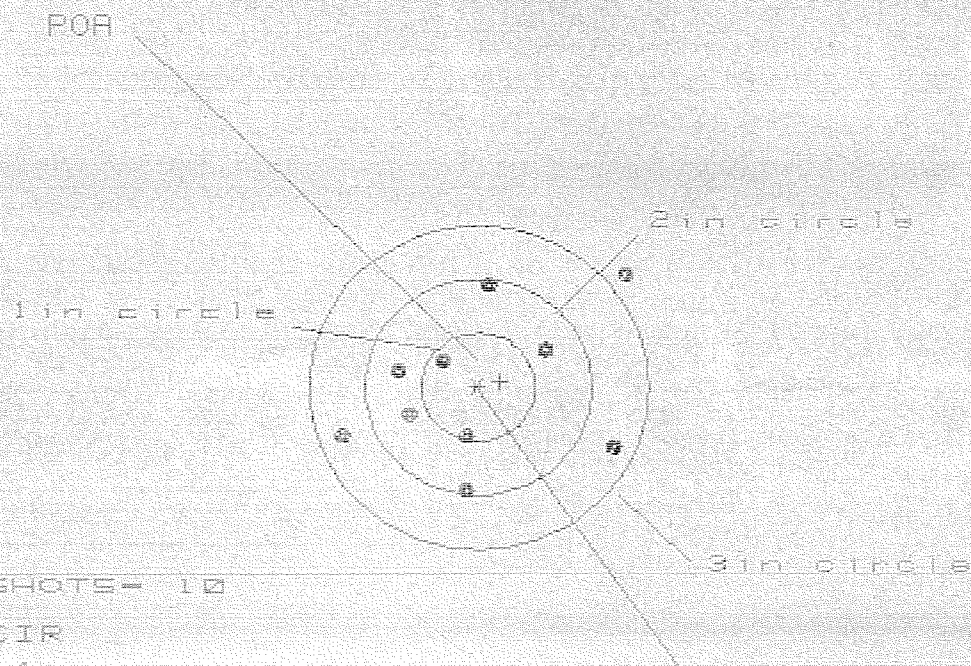
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.801	.848	.767
MINIMUM X	-.697	-.650	-.624
MAXIMUM Y	1.380	.739	.611
MINIMUM Y	-1.178	-1.025	-.800
CENTROID X	-.205	-.252	-.171
CENTROID Y	.265	.112	.240
POA TO CENTROID in.	.335	.276	.294
MIN RADIUS	.215	.325	.203
MEAN RADIUS	.731	.669	.561
MAX RADIUS	1.444	1.214	1.015
HORIZONTAL SPREAD	1.498	1.498	1.391
VERTICAL SPREAD	2.558	1.764	1.411
EXTREME SPREAD	2.794	1.870	1.501
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/00005040

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.565

VS= 1.953

GS= 2.943

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.309

1.294

1.155

MINIMUM X

-1.256

-1.111

-.731

MAXIMUM Y

1.020

1.036

.997

MINIMUM Y

-.933

-.820

-.859

CENTROID X

-.193

-.338

-.200

CENTROID Y

-.049

-.162

-.123

POA TO CENTROID in.

.199

.375

.235

MIN RADIUS

.447

.381

.440

MEAN RADIUS

.921

.805

.774

MAX RADIUS

1.659

1.370

1.255

HORIZONTAL SPREAD

2.565

2.405

1.886

VERTICAL SPREAD

1.953

1.856

1.856

EXTREME SPREAD

2.943

2.409

2.005

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

9