

FORM

UPC



0 47700 25716 7

C6665840

*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.
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 5716
MODEL 700TM M24
UPC



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ORDER 5716
MODEL 700TM M24
UPC



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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	AB
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	KA
	Apply Coating (Bolt)			KA
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. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5 1/4	5 1/2			10-23-91	DH
	G) Safety Off Force	2 1/4	2 1/4	2 1/2			10-23-91	DH
	H) Trigger Pull Test & Retainability						10/23/91	JH
	I) Firing Pin Indent	.020	.021	.020			10-23-91	DH
	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	DH
	C) Function						10-30-91	KE
660	Pack						12-20-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 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	2.29	
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	.255702
1 TO	5	.382196

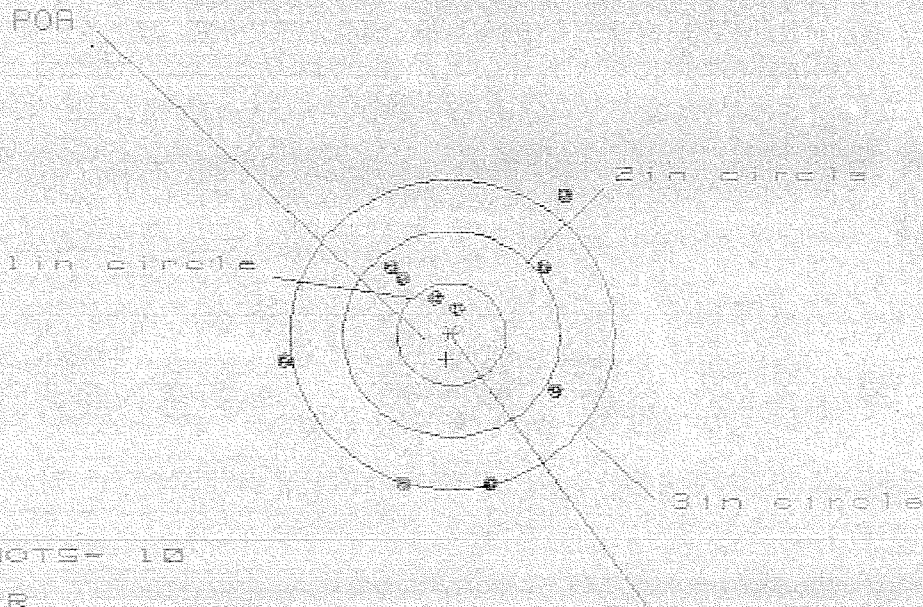
47 <---POB

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

29 Oct 1991

FILE: PATTERNING/CENTERFIRE PATT/06685040

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 4

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	-1.358
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	2.499	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/0665340

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 8

3 in = 8

HS= 3.018

VS= 1.569

GS= 3.244

CENTROID #

PATTERN #

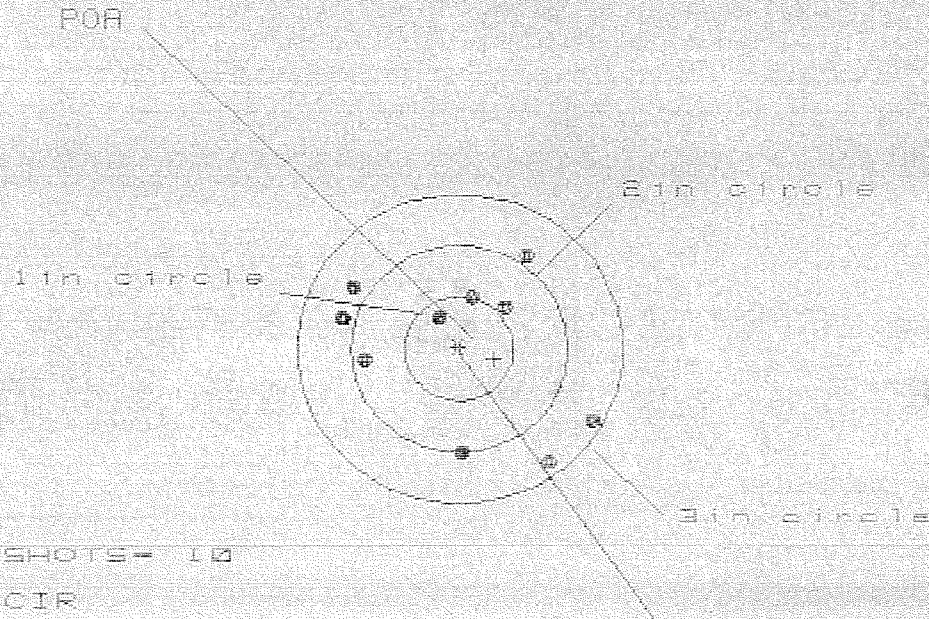
2

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
POA 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/06085040

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.225

VS= 2.035

GS= 2.514

PATTERN #

3

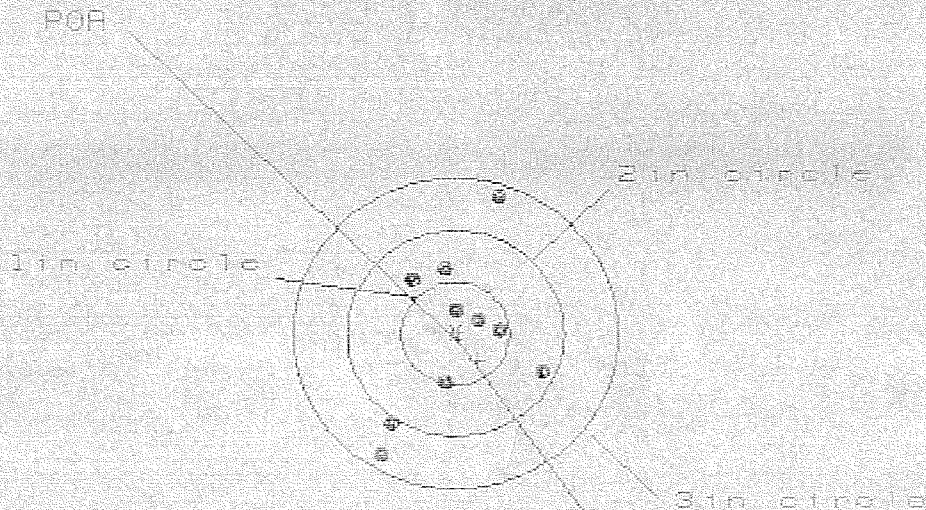
SHOTS (BEST OF)

	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/C6665840

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.498

VS= 2.558

GS= 2.794

CENTROID *

PATTERN #

4

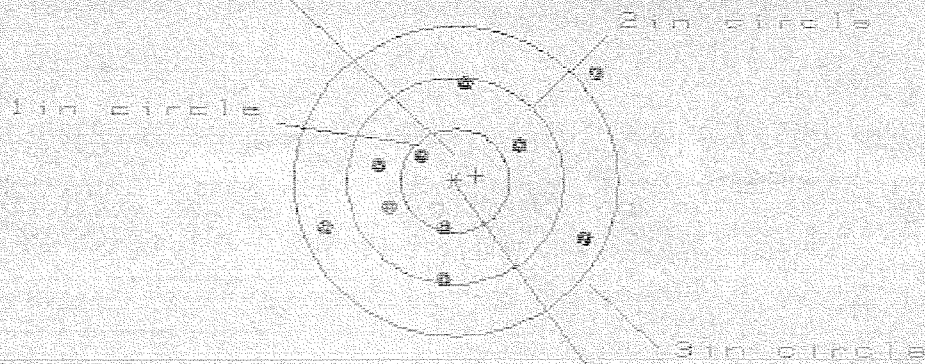
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.801	.848	.767
MINIMUM X	-.697	-.650	-.624
MAXIMUM Y	1.380	.739	.611
MINIMUM Y	-1.178	-1.025	-.800
CENTROID X	-.205	-.252	-.171
CENTROID Y	.265	.112	.240
POA TO CENTROID in.	.335	.276	.294
MIN RADIUS	.215	.325	.283
MEAN RADIUS	.731	.669	.561
MAX RADIUS	1.444	1.214	1.015
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\06665940

CENTERFIRE PATTERNS # 5

POA



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

-0.731

MAXIMUM Y

1.020

1.036

0.997

MINIMUM Y

-0.933

-0.820

-0.859

CENTROID X

-0.193

-0.338

-0.200

CENTROID Y

-0.049

-0.162

-0.123

POA TO CENTROID in.

0.199

0.375

0.235

MIN RADIUS

0.447

0.391

0.440

MEAN RADIUS

0.921

0.905

0.774

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