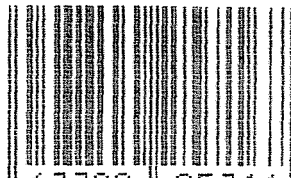


FORM

UPC



0 47700 25716 7

6665955

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665955

ORDER NO.

5716

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

20



5716 C6665955

ORDER 5716

MODEL 700 TM M24

UPC

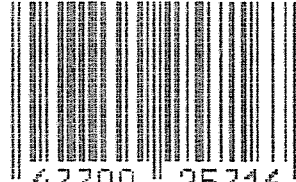
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665955

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	9 1	RW
600	Proof	10 1	9 1	RW
607	Check Headspace	10 1	9 1	RW
610	Dis-assemble Gun	10 1	9 1	RW
612	Magnaflux Barrel Action		OCT 10 1991	KR
	Magnaflux Bolt		OCT 10 1991	KR
615	Rollmark Caliber		OCT 10 1991	LS
617	Drill and Tap Sight Holes		OCT 10 1991	LB
618	Polish Barrel		10/14/91	WOB
620	Apply Coatings (Barrel Action)		11/2/91	DA
	Apply Coating (Bolt)		11/2/91	DA
625	Final Assembly A) Clean inside of Bolt Assembly		12/12/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/91	KL
	C) Inspect Ejector Hole for Chamfer		12/12/91	KL
	D) Oil Firing Pin Ass'y		12/12/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		12/12/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			12/12/91	JK
	G) Safety Off Force	3	3	3			12/12/91	JK
	H) Trigger Pull Test & Retainability						12/12/91	JK
	I) Firing Pin Indent	.021	.021	.021			12/12/91	JK
	J) Assemble Stock						12/12/91	JK
	K) Assemble Swivel Studs						12/12/91	JK
	L) Attach Front and Rear Sight Assemblies						12/12/91	JK
	M) Iron Sight Alignment						12/12/91	JK
	N) Detach Front & Rear Sights & place in numbered container						12/12/91	JK
	O) Attach Scope to Rifle						12/12/91	JK
	P) Detach & Attach Scope 20 Times						12/12/91	JK
640	Gallery Target & Test						12-13-91	JK
	A) Time						12-13-91	JK
	B) Malfunctions						12-13-91	JK
	C) Pierced Primers						12-13-91	JK
	D) Optical Clarity of Scope						12-13-91	JK
645	Inspect for Live Ammo						12-13-91	JK
655	Final Inspection						12-13-91	JK
	A) Headspace						12-13-91	JK
	B) Trigger Pull	2.05	2.21	2.20	2.22	2.20	12-13-91	W
	C) Function						12-13-91	JK
660	Pack						12-17-91	W

SWS TRIGGER PULL TEST

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

SERIAL NO. C-66659⁵⁵
DATE 12-4-91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.62	2.60	2.49	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.51	2.58	2.39	
PULL #3	2.60	2.58	2.61	2.47	
PULL #4	2.47	2.59	2.52	2.45	
PULL #5	2.58	2.59	2.50	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.25		
PULL #2	3.32	3.38		
PULL #3	3.37	3.41		
PULL #4	3.36	3.33		
PULL #5	3.33	3.32		
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	4.19		4.46
PULL #2	4.38	4.35		4.51
PULL #3	4.24	4.25		4.20
PULL #4	4.23	4.32		4.44
PULL #5	4.25	4.45		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665955
13 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.372779
1 TO 2	.871737
1 TO 3	.787709
1 TO 4	.276067
1 TO 5	.574771

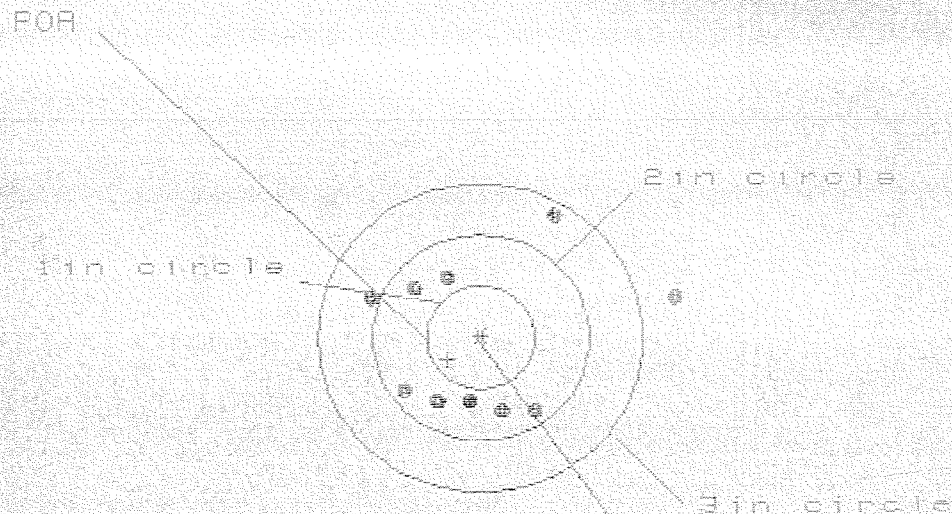
rd4 1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0674
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.108
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .127306
THE AMR FOR THIS RIFLE IS: .9686

13 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665955

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 9

HS= 2.888

VS= 1.887

GS= 2.888

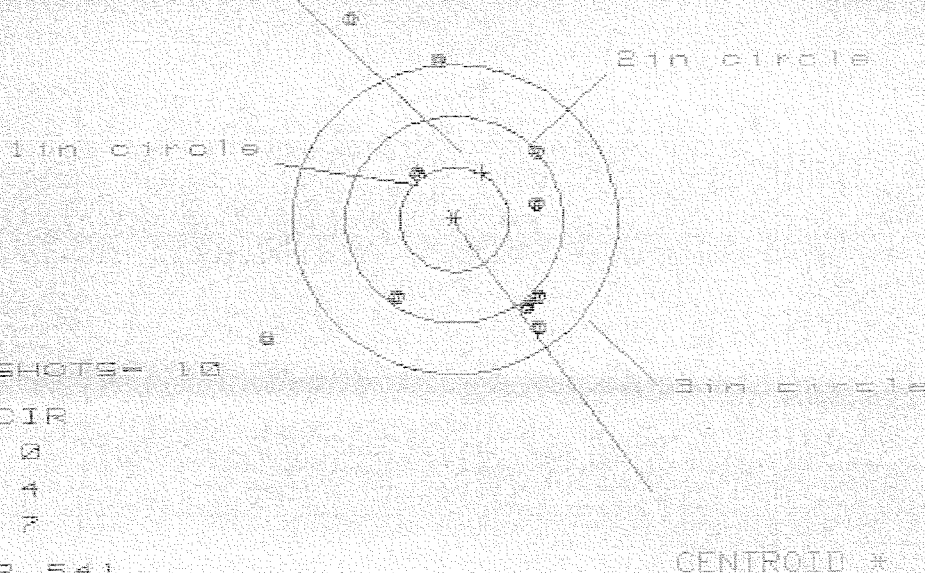
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.832	.902	.772
MINIMUM X	-1.056	-.852	-.739
MAXIMUM Y	1.203	1.248	.771
MINIMUM Y	-.684	-.639	-.483
CENTROID X	.308	.104	-.009
CENTROID Y	.210	.165	.009
POA TO CENTROID in.	.373	.195	.012
MIN RADIUS	.584	.527	.403
MEAN RADIUS	.952	.807	.676
MAX RADIUS	1.877	1.540	.975
HORIZONTAL SPREAD	2.888	1.754	1.511
VERTICAL SPREAD	1.887	1.887	1.254
EXTREME SPREAD	2.888	2.262	1.865
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

13 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665955

CENTERFIRE PATTERNS # 2

POA



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS= 2.541

VS= 3.072

GS= 3.435

CENTROID *

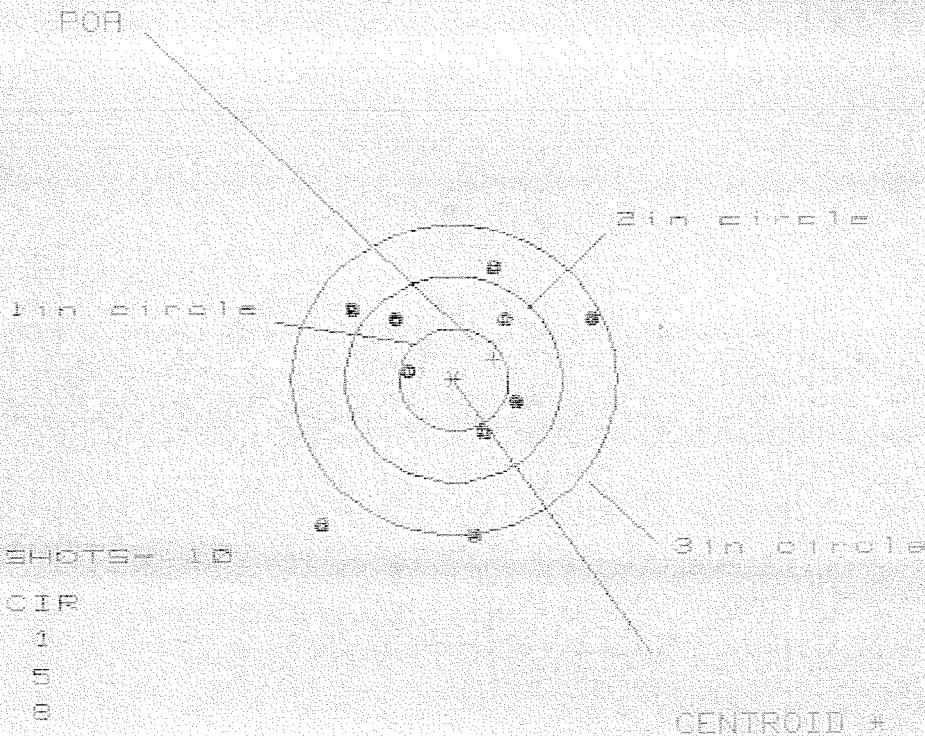
PATTERN # : 2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.787	.682	.450
MINIMUM X	-1.754	-1.859	-1.829
MAXIMUM Y	1.917	1.756	1.638
MINIMUM Y	-1.155	-.942	-.982
CENTROID X	-.258	-.153	.079
CENTROID Y	-.453	-.666	-.548
POA TO CENTROID in.	.521	.683	.553
MIN RADIUS	.577	.766	.506
MEAN RADIUS	1.255	1.124	.965
MAX RADIUS	2.136	2.084	1.706
HORIZONTAL SPREAD	2.541	2.541	1.279
VERTICAL SPREAD	3.072	2.698	2.620
EXTREME SPREAD	3.435	3.144	2.764
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

13 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06655355

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.413

VS= 2.595

GS= 3.138

PATTERN #

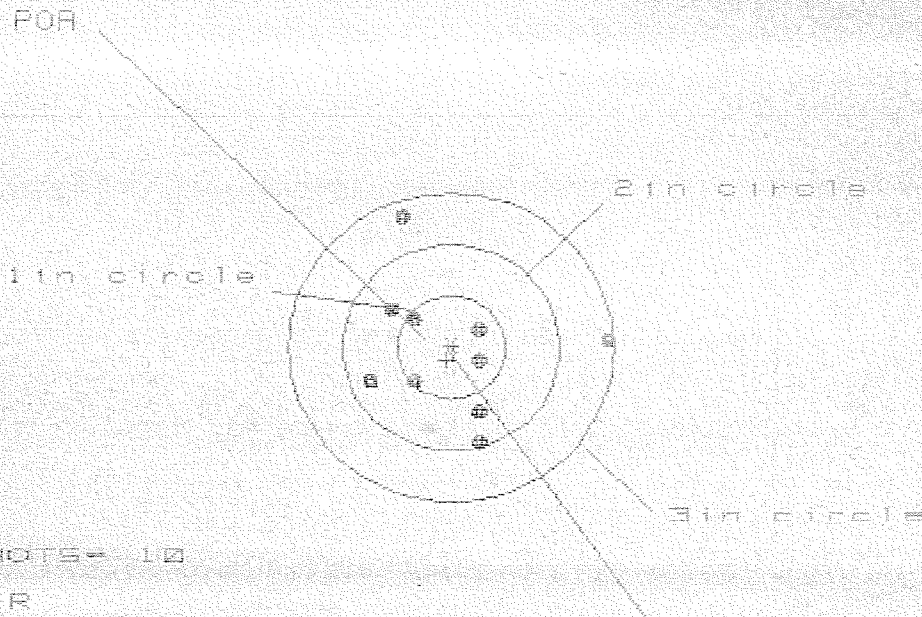
3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.234	1.102	1.113
MINIMUM X	-1.179	-1.047	-1.036
MAXIMUM Y	1.051	.898	.686
MINIMUM Y	-1.544	-1.697	-1.884
CENTROID X	-.370	-.239	-.250
CENTROID Y	-.191	-.038	.174
POA TO CENTROID in.	.417	.242	.305
MIN RADIUS	.410	.529	.389
MEAN RADIUS	1.013	.901	.781
MAX RADIUS	1.813	1.699	1.144
HORIZONTAL SPREAD	2.413	2.149	2.149
VERTICAL SPREAD	2.595	2.595	1.570
EXTREME SPREAD	3.138	2.597	2.151
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

10 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CR685355

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.329

VS= 2.167

GS= 2.277

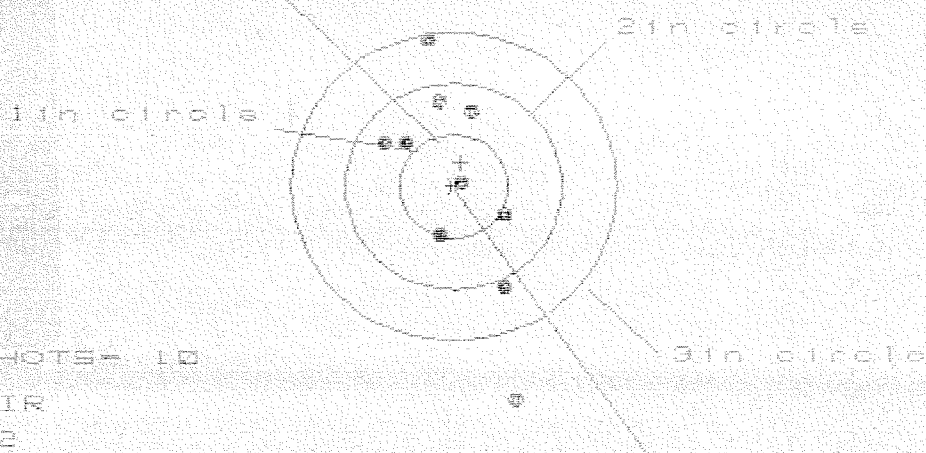
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.434	.452	.421
MINIMUM X	:	-.795	-.635	-.666
MAXIMUM Y	:	1.292	1.304	.539
MINIMUM Y	:	-.875	-.863	-.700
CENTROID X	:	.046	-.114	-.083
CENTROID Y	:	.123	.111	-.052
P0A TO CENTROID in.	:	.131	.159	.098
MIN RADIUS	:	.249	.352	.297
MEAN RADIUS	:	.745	.658	.564
MAX RADIUS	:	1.438	1.327	.817
HORIZONTAL SPREAD	:	2.229	1.087	1.087
VERTICAL SPREAD	:	2.167	2.167	1.239
EXTREME SPREAD	:	2.277	2.277	1.519
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

31

FILE: PATTERNING/CENTERFIRE_PATT/C8685955

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.246

VS= 3.505

GS= 3.591

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.564
MINIMUM X	-.682
MAXIMUM Y	1.392
MINIMUM Y	-2.113
CENTROID X	-.063
CENTROID Y	-.229
POA TO CENTROID in.	.237
MIN RADIUS	.078
MEAN RADIUS	.078
MAX RADIUS	2.187
HORIZONTAL SPREAD	1.246
VERTICAL SPREAD	3.505
EXTREME SPREAD	3.591
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	7
NUMBER IN THREE INCH CIRCLE	9