

FORM

UPC



0 47700 25716 7

C6665680

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 700™ M24

SERIAL NO.

C6665680

ORDER NO.

5716

20

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



5716 C6665680

ORDER 5716

MODEL 700™ M24

UPC



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ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665680

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	RW
600	Proof	10 1	91	RW
607	Check Headspace	10 1	91	RW
610	Dis-assemble Gun	10 1	91	RW
612	Magnaflux Barrel Action	OCT	4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	GL
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel		10/5/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/23/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-5-91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/5/91	WB
	G) Safety Off Force	3	3	3			11/5/91	WB
	H) Trigger Pull Test & Retainability						11-5-91	JH
	I) Firing Pin Indent	.0205	.020	.0215			11/5/91	WB
	J) Assemble Stock						11/5/91	RW
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						11/5/91	RW
	M) Iron Sight Alignment						11/5/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/5/91	RW
	O) Attach Scope to Rifle						11/5/91	RW
	P) Detach & Attach Scope 20 Times						11/5/91	RW
640	Gallery Target & Test						11-5-91	N
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						11-5-91	AF
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	246	246	247	259	265	11-6-91	D/H
	C) Function						11-12-91	AC
660	Pack						12-19-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665680

DATE 11-5-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.39	2.51	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.48	2.55	2.46	
PULL #3	2.35	2.53	2.50	2.47	
PULL #4	2.35	2.52	2.55	2.59	
PULL #5	2.39	2.58	2.58	2.65	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.39		
PULL #2	3.45	3.28		
PULL #3	3.39	3.21		
PULL #4	3.31	3.24		
PULL #5	3.45	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.40		4.47
PULL #2	4.40	4.45		4.44
PULL #3	4.42	4.20		4.44
PULL #4	4.39	4.36		4.33
PULL #5	4.39	4.47		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665688
5 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.167726
1 TO 2	.239794
1 TO 3	.219386
1 TO 4	.154467
1 TO 5	.312424

-----POA

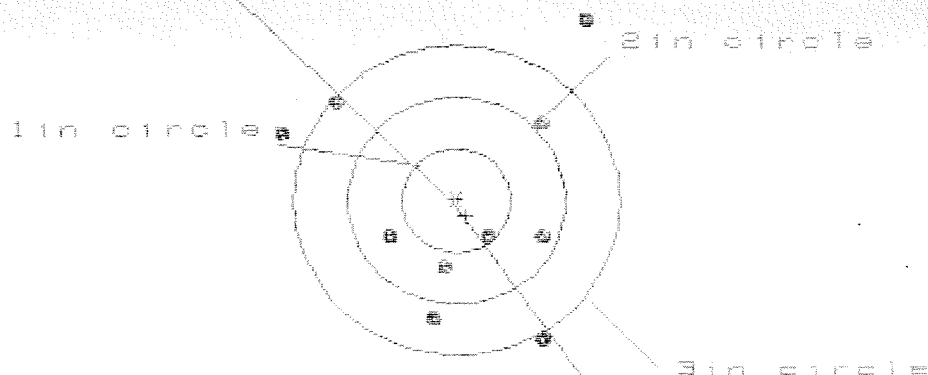
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .059
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0446
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0739685
THE AMR FOR THIS RIFLE IS: 1.055

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665680

CENTERFIRE PATTERNS # 1

POB



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 2.866

VS = 3.139

GS = 3.288

CENTROID #

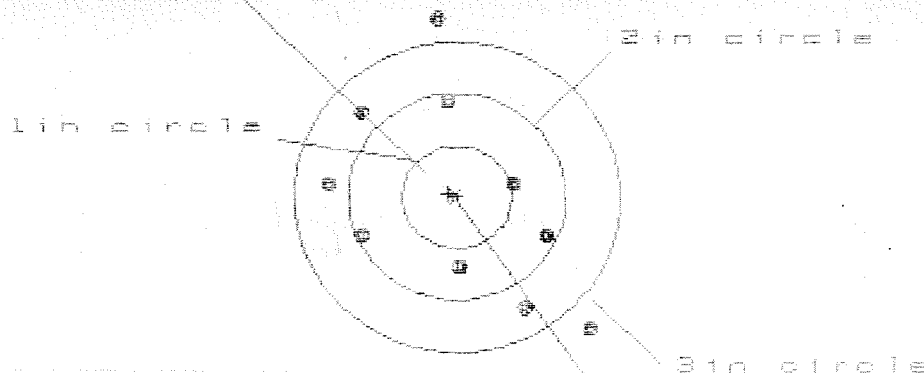
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.207	.921	.731
MINIMUM X	:	-1.659	-1.525	-1.143
MAXIMUM Y	:	1.763	1.190	1.293
MINIMUM Y	:	-1.376	-1.180	-1.077
CENTROID X	:	-.086	-.220	-.030
CENTROID Y	:	.144	-.052	-.155
POB TO CENTROID in.	:	.168	.226	.158
MIN RADIUS	:	.488	.421	.267
MEAN RADIUS	:	1.192	1.043	.913
MAX RADIUS	:	2.137	1.734	1.726
HORIZONTAL SPREAD	:	2.866	2.446	1.874
VERTICAL SPREAD	:	3.139	2.370	2.370
EXTREME SPREAD	:	3.288	3.136	3.000
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685680

CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 10

IN CIR

1in = 5

2in = 5

3in = 0

HS = 2.359

VS = 2.995

GS = 3.309

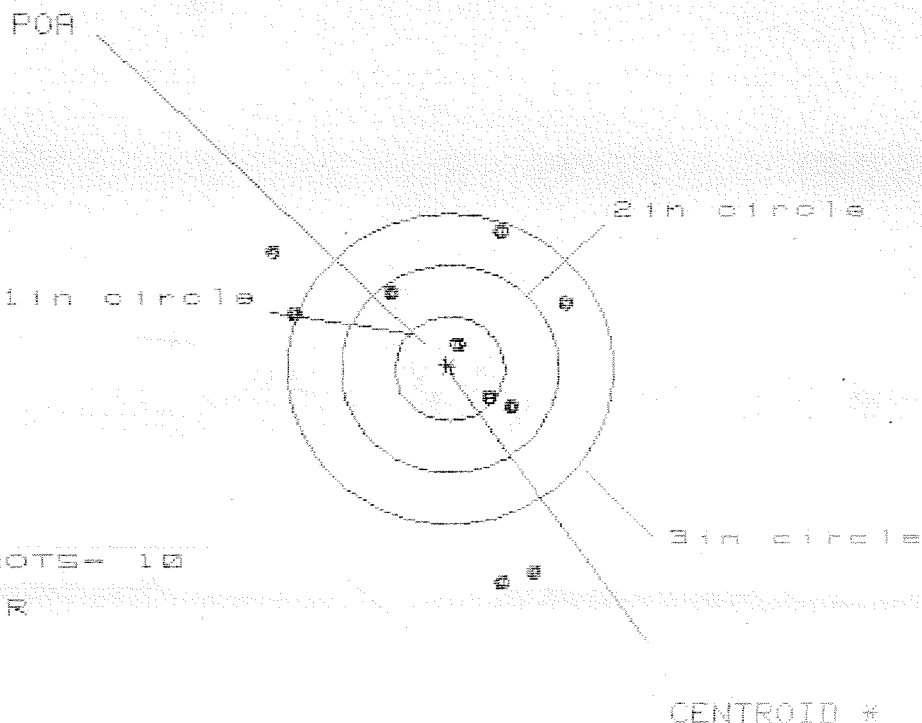
CENTROID +

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.184	1.159	.985
MINIMUM X	:	-1.175	-1.200	-1.055
MAXIMUM Y	:	1.760	1.084	.954
MINIMUM Y	:	-1.235	-1.039	-1.012
CENTROID X	:	.079	.104	-.041
CENTROID Y	:	-.030	-.226	-.096
POA TO CENTROID in.	:	.084	.248	.104
MIN RADIUS	:	.508	.439	.588
MEAN RADIUS	:	1.180	1.005	.936
MAX RADIUS	:	1.774	1.557	1.244
HORIZONTAL SPREAD	:	2.359	2.359	2.040
VERTICAL SPREAD	:	2.995	2.123	1.966
EXTREME SPREAD	:	3.309	2.913	2.408
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		0	

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C5665860

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 2.598

VS= 3.432

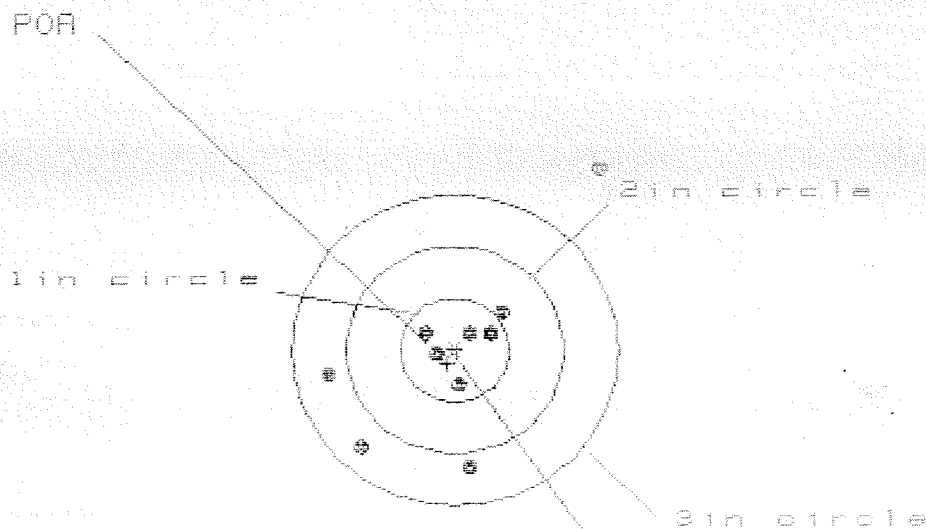
GS= 3.950

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.020	1.108	1.179
MINIMUM X	:	-1.678	-1.590	-1.519
MAXIMUM Y	:	1.360	1.139	.853
MINIMUM Y	:	-2.072	-2.293	-1.869
CENTROID X	:	.035	-.053	-.124
CENTROID Y	:	-.039	.182	.468
POA TO CENTROID in.	:	.053	.189	.484
MIN RADIUS	:	.269	.114	.296
MEAN RADIUS	:	1.283	1.159	1.005
MAX RADIUS	:	2.140	2.362	1.629
HORIZONTAL SPREAD	:	2.698	2.698	2.698
VERTICAL SPREAD	:	3.432	3.432	1.722
EXTREME SPREAD	:	3.950	3.832	2.734
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/066656B0

CENTERFIRE PATTERNS # 4



* OF SHOTS- 10

IN CIR

1in = 5

2in = 6

3in = 9

HS= 2.455

VS= 2.865

GS= 3.440

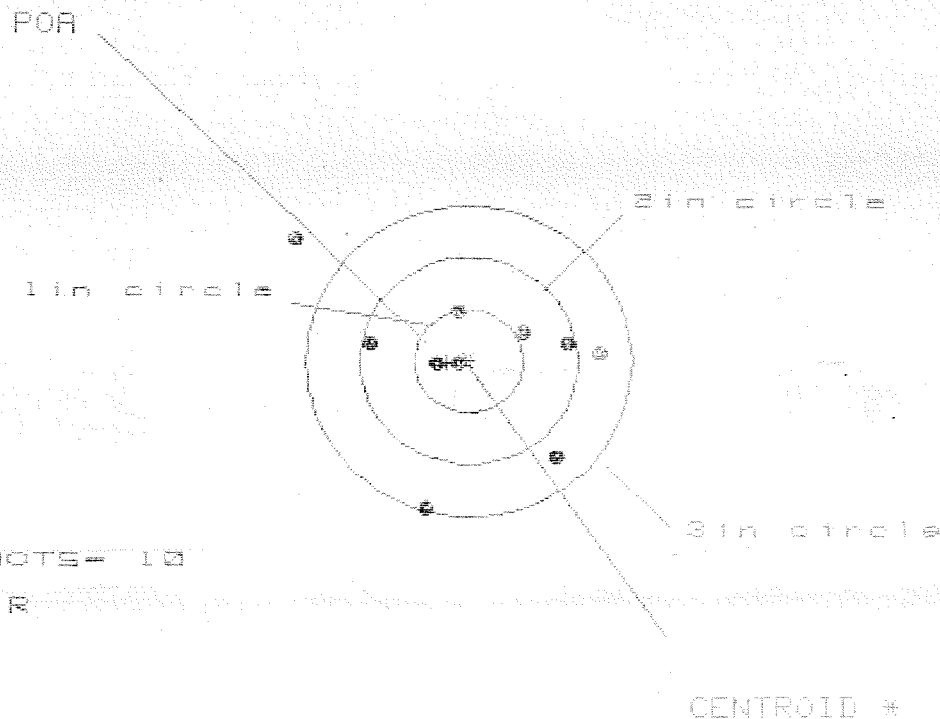
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.306	.610	.517
MINIMUM X	:	-1.149	-1.004	-1.097
MAXIMUM Y	:	1.745	.579	.490
MINIMUM Y	:	-1.120	-.926	-1.015
CENTROID X	:	.068	-.077	.016
CENTROID Y	:	.132	-.062	.027
POA TO CENTROID in.	:	.149	.099	.032
MIN RADIUS	:	.158	.146	.113
MEAN RADIUS	:	.780	.636	.553
MAX RADIUS	:	2.179	1.029	1.105
HORIZONTAL SPREAD	:	2.455	1.614	1.614
VERTICAL SPREAD	:	2.865	1.505	1.505
EXTREME SPREAD	:	3.440	1.869	1.730
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

5 May 1931

FILE:/PATTERNING/CENTERFIRE_PATT-066636B0

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.819

VS= 2.519

GS= 3.168

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.199	1.819	.958
MINIMUM X	:	-1.628	-1.896	-1.164
MAXIMUM Y	:	1.138	.611	.454
MINIMUM Y	:	-1.381	-1.254	-.899
CENTROID X	:	.199	.379	.448
CENTROID Y	:	.016	-.111	.045
POA TO CENTROID in.	:	.208	.395	.458
MIN RADIUS	:	.182	.306	.342
MEAN RADIUS	:	.918	.815	.717
MAX RADIUS	:	1.988	1.369	1.178
HORIZONTAL SPREAD	:	2.819	2.115	2.115
VERTICAL SPREAD	:	2.519	1.865	1.353
EXTREME SPREAD	:	3.168	2.138	2.115
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	