

FURN

UPC



0 47700 25716 7

C6666011

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.

C6666011

ORDER NO.

5716

20

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



5716 C6666011

ORDER 5716

MODEL 700™ M24

UPC

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666011

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/30/91	KH
600	Proof		9/30/91	KH
607	Check Headspace		9/30/91	KH
610	Dis-assemble Gun		9/30/91	KH
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	GS.
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11-1-91	KH
	Apply Coating (Bolt)		11-1-91	KH
625	Final Assembly A) Clean inside of Bolt Assembly		11/1/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/1/91	KH
	C) Inspect Ejector Hole for Chamfer		11/1/91	KH
	D) Oil Firing Pin Ass'y		11/1/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-4-91	SH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-4-91	SH
	G) Safety Off Force	4	4	4			11-4-91	SH
	H) Trigger Pull Test & Retainability						11-4-91	SH
	I) Firing Pin Indent	.021	.021	.021			11-4-91	SH
	J) Assemble Stock						11-4-91	SH
	K) Assemble Swivel Studs						11-12-91	K
	L) Attach Front and Rear Sight Assemblies						11-4-91	SH
	M) Iron Sight Alignment						11-4-91	SH
	N) Detach Front & Rear Sights & place in numbered container						11-4-91	SH
	O) Attach Scope to Rifle						11-4-91	SH
	P) Detach & Attach Scope 20 Times						11-4-91	SH
640	Gallery Target & Test						11-5-91	AC
	A) Time						11-5-91	AC
	B) Malfunctions						11-5-91	AC
	C) Pierced Primers						11-5-91	AC
	D) Optical Clarity of Scope						11-5-91	AC
645	Inspect for Live Ammo						11-5-91	AC
655	Final Inspection							
	A) Headspace						11-12-91	K
	B) Trigger Pull	2.37	2.36	2.40	2.32	2.46	11-6-91	D/H
	C) Function						11-12-91	AC
660	Pack						12-19-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6666011DATE 11-4-91TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.43	2.46	237	MIN. SETTING,
PULL #2	2.57	2.31	2.38	236	NO AVG. OF 5
PULL #3	2.42	2.44	2.42	240	READINGS ACCEPT-
PULL #4	2.51	2.46	2.48	232	ABLE LESS THAN 2#
PULL #5	2.49	2.37	2.35	246	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.65	3.48		
PULL #2	3.55	3.32		
PULL #3	3.55	3.38		
PULL #4	3.55	3.28		
PULL #5	3.46	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.51		4.40
PULL #2	4.44	4.36		4.43
PULL #3	4.41	4.49		4.50
PULL #4	4.32	4.49		4.30
PULL #5	4.47	4.40		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6666011
5 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.124423
1 TO	2	.115663
1 TO	3	.0790759
1 TO	4	.256702
1 TO	5	.386683

45 ←---POB

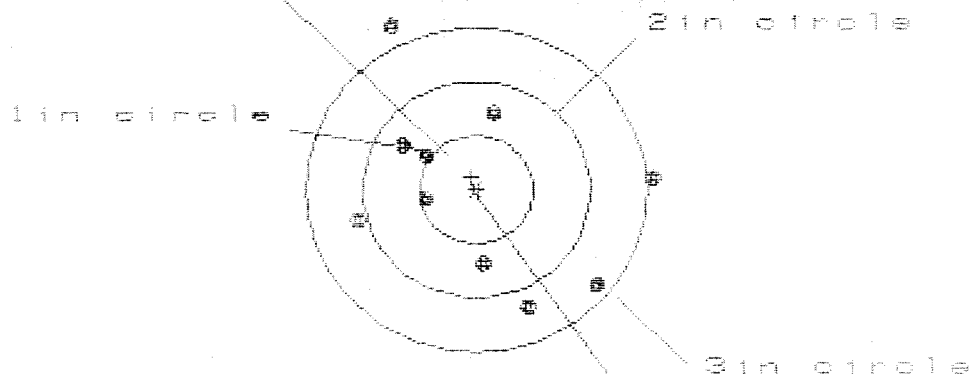
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0892
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0344
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0956033
THE AMR FOR THIS RIFLE IS: .9636

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8666011

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HE= 2.537

VS= 2.619

GS= 3.022

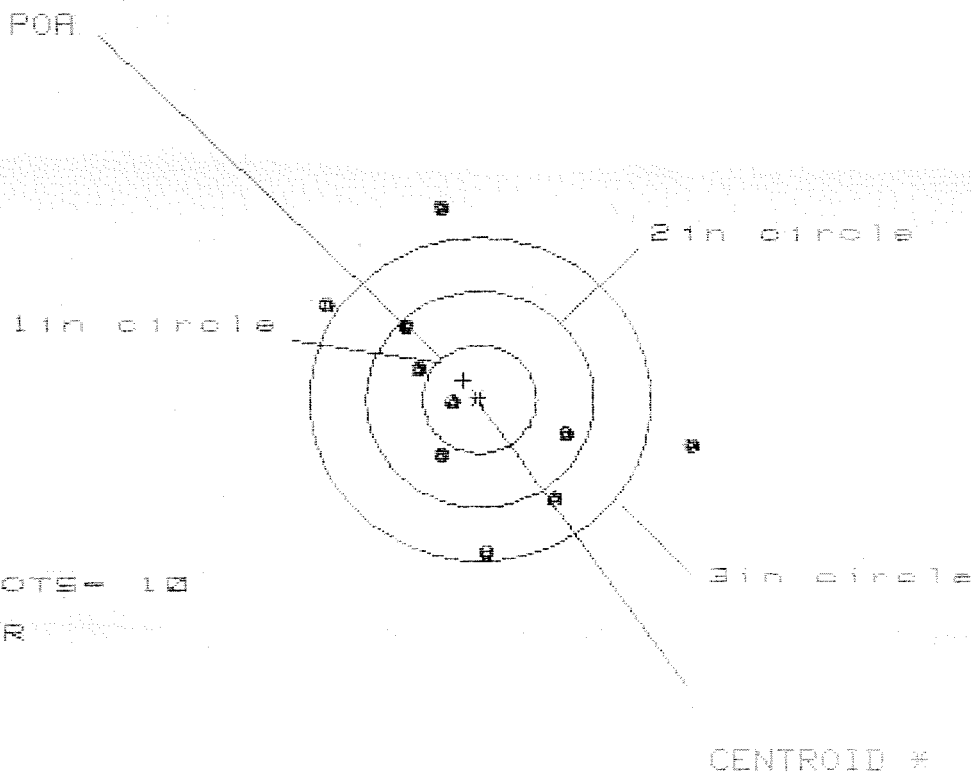
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.517	1.432	1.186
MINIMUM X	:	-1.020	-1.105	-.926
MAXIMUM Y	:	1.540	.845	.879
MINIMUM Y	:	-1.079	-.908	-.874
CENTROID X	:	.045	.130	-.049
CENTROID Y	:	-.116	-.287	-.321
POA TO CENTROID in.	:	.125	.315	.325
MIN RADIUS	:	.431	.514	.349
MEAN RADIUS	:	1.001	.923	.819
MAX RADIUS	:	1.721	1.457	1.346
HORIZONTAL SPREAD	:	2.537	2.537	2.112
VERTICAL SPREAD	:	2.619	1.753	1.753
EXTREME SPREAD	:	3.022	2.572	2.175
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

5 NOV 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8866001

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.201

VS= 3.188

GS= 3.453

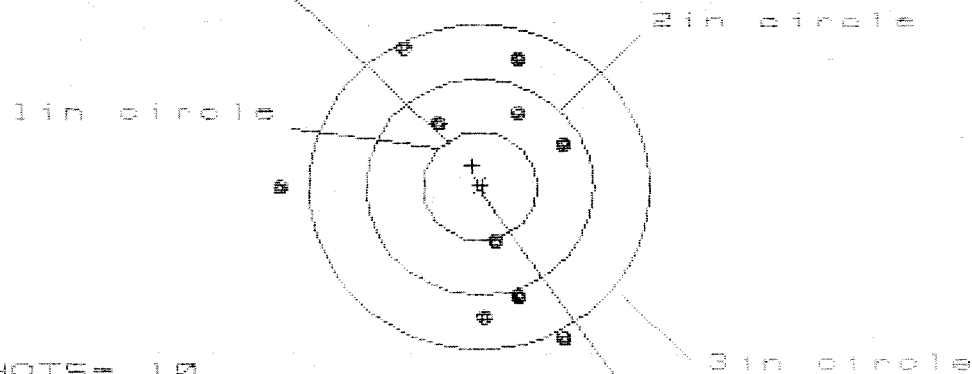
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.843	.992	.975
MINIMUM X	:	-1.358	-1.154	-1.171
MAXIMUM Y	:	1.772	1.728	1.068
MINIMUM Y	:	-1.416	-1.460	-1.244
CENTROID X	:	.142	-.062	-.045
CENTROID Y	:	-.179	-.135	-.351
POR TO CENTROID in.	:	.229	.148	.353
MIN RADIUS	:	.233	.070	.158
MEAN RADIUS	:	1.110	.982	.882
MAX RADIUS	:	1.885	1.733	1.585
HORIZONTAL SPREAD	:	3.201	2.146	2.146
VERTICAL SPREAD	:	3.188	3.188	2.312
EXTREME SPREAD	:	3.453	3.217	2.725
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8686011

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 2.499

VS= 2.731

GS= 3.083

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.759	.566	.620
MINIMUM X	:	-1.740	-.865	-.794
MAXIMUM Y	:	1.285	1.290	1.110
MINIMUM Y	:	-1.446	-1.441	-1.361
CENTROID X	:	.063	.256	.185
CENTROID Y	:	-.193	-.198	-.018
POA TO CENTROID in.	:	.203	.323	.186
MIN RADIUS	:	.488	.467	.548
MEAN RADIUS	:	1.108	1.017	.931
MAX RADIUS	:	1.740	1.553	1.365
HORIZONTAL SPREAD	:	2.499	1.431	1.414
VERTICAL SPREAD	:	2.731	2.731	2.471
EXTREME SPREAD	:	3.083	3.083	2.583
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	5		

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBD86011

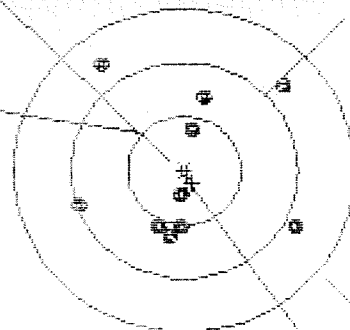
CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 1.923

VS= 1.633

GS= 2.232

CENTROID #

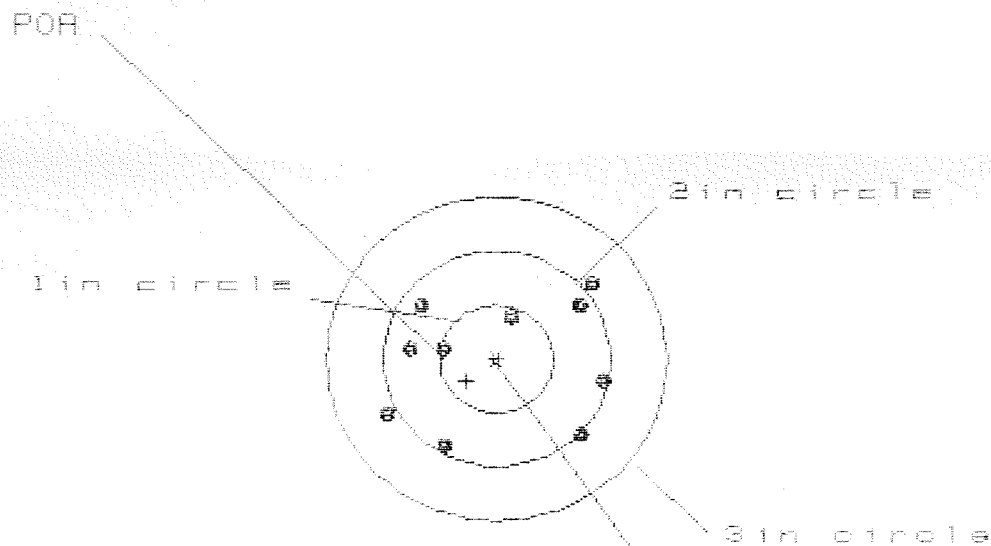
PATTERN # : 4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.960	.884	.982
MINIMUM X	-.963	-1.039	-.941
MAXIMUM Y	.970	.867	.950
MINIMUM Y	-.663	-.555	-.447
CENTROID X	-.069	.007	-.091
CENTROID Y	.114	.006	-.102
POA TO CENTROID in.	.133	.009	.137
MIN RADIUS	.244	.170	.027
MEAN RADIUS	.764	.698	.594
MAX RADIUS	1.188	1.171	1.034
HORIZONTAL SPREAD	1.923	1.923	1.923
VERTICAL SPREAD	1.633	1.422	1.397
EXTREME SPREAD	2.232	2.138	1.932
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665011

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.892

VS= 1.515

GS= 2.192

CENTROID *

PATTERN #

5

SHOTS (BEST OF)	10	8	3
MAXIMUM X	.897	.787	.875
MINIMUM X	-.995	-.835	-.747
MAXIMUM Y	.684	.624	.560
MINIMUM Y	-.831	-.891	-.814
CENTROID X	.265	.375	.287
CENTROID Y	.262	.262	.184
POA TO CENTROID in.	.333	.458	.341
MIN RADIUS	.434	.358	.445
MEAN RADIUS	.835	.794	.771
MAX RADIUS	1.134	1.040	.952
HORIZONTAL SPREAD	1.892	1.622	1.622
VERTICAL SPREAD	1.515	1.515	1.374
EXTREME SPREAD	2.192	1.962	1.815
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	