

FOEN

UPC



0 47700 25716 7

06649071

BARREL LENGTH
CAPACITY*
*INCLUDES 1 IN CHAMBER

5716

ORDER NO.

MODEL 700 TM M24

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6649071

ORDER NO.

5716

20

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



5716 C6649071

ORDER 5716
MODEL 700 TM M24
UPC



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ORDER 5716
MODEL 700 TM M24
UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649071

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/26/91	KJ
600	Proof		6/26/91	KJ
607	Check Headspace		6/26/91	KJ
610	Dis-assemble Gun		6/26/91	KJ
612	Magnaflux Barrel Action		JUL 1 8 1991	CS
	Magnaflux Bolt		JUL 1 8 1991	CS
615	Rollmark Caliber		JUL 1 8 1991	CS
617	Drill and Tap Sight Holes		JUL 1 8 1991	FB
618	Polish Barrel		JUL 2 0 1991	WB
620	Apply Coatings (Barrel Action)		7-7-91	AS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/31/91	KJ
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/31/91	KJ
	C) Inspect Ejector Hole for Chamfer		10/31/91	KJ
	D) Oil Firing Pin Ass'y		10/31/91	KJ
	E) Adjust Trigger Pull to Min Setting and Stake		11-1-91	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11-1-91	GU
	G) Safety Off Force	4	4	4			11-1-91	GU
	H) Trigger Pull Test & Retainability						11-1-91	GU
	I) Firing Pin Indent	1020	1020	1020			11-1-91	GU
	J) Assemble Stock						11-1-91	GU
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						11-1-91	GU
	M) Iron Sight Alignment						11-1-91	GU
	N) Detach Front & Rear Sights & place in numbered container						11-1-91	GU
	O) Attach Scope to Rifle						11-1-91	GU
	P) Detach & Attach Scope 20 Times						11-1-91	GU
640	Gallery Target & Test						11-4-91	D/H
	A) Time						11-4-91	D/H
	B) Malfunctions						11-4-91	D/H
	C) Pierced Primers						11-4-91	D/H
	D) Optical Clarity of Scope						11-4-91	D/H
645	Inspect for Live Ammo						11-4-91	D/H
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	214	216	205	220	226	11-6-91	D/H
	C) Function						11-12-91	AC
660	Pack						12-20-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6649071

DATE 11-1-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.45	2.42	214	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.28	2.44	216	
PULL #3	2.44	2.42	2.38	205	
PULL #4	2.42	2.34	2.35	220	
PULL #5	2.42	2.35	2.43	226	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.46		
PULL #2	3.45	3.48		
PULL #3	3.36	3.29		
PULL #4	3.44	3.42		
PULL #5	3.52	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.49		4.61
PULL #2	4.28	4.60		4.58
PULL #3	4.24	4.54		4.60
PULL #4	4.27	4.53		4.30
PULL #5	4.29	4.57		4.57
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649071
5 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.216615
1 TO 2	.461671
1 TO 3	.482557
1 TO 4	.435611
1 TO 5	.087367

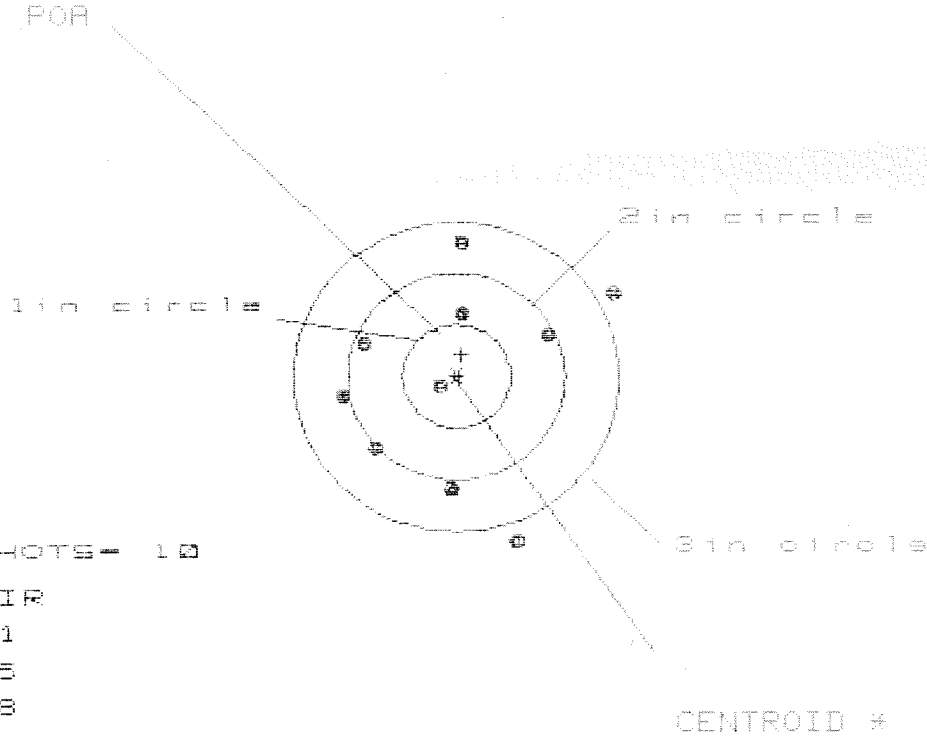
4 993 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0732
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0354
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0013105
THE AMR FOR THIS RIFLE IS: .96

4 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/00049071

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.494

VS= 2.867

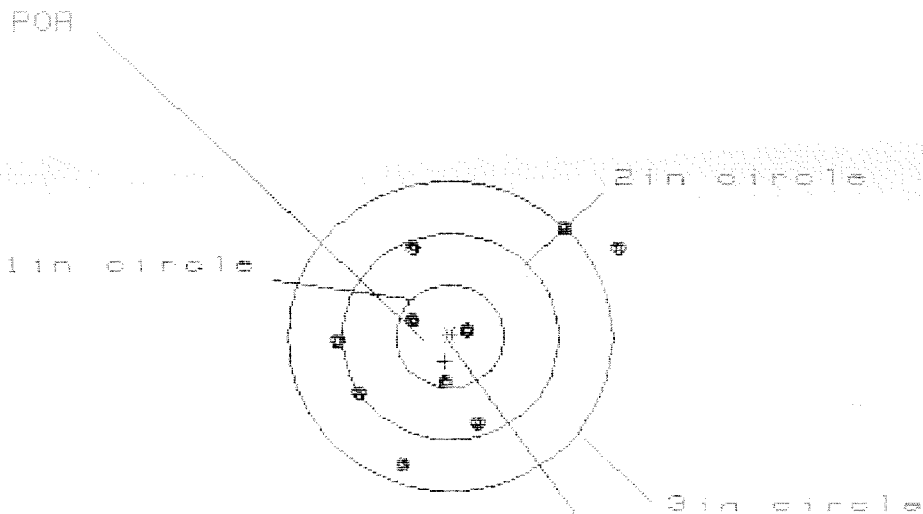
GS= 2.915

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.442	.967	1.054
MINIMUM X	-1.052	-.891	-.884
MAXIMUM Y	1.285	1.380	1.194
MINIMUM Y	-1.582	-1.487	-1.131
CENTROID X	-.049	-.210	-.297
CENTROID Y	-.211	-.306	-.120
POA TO CENTROID in.	.217	.371	.328
MIN RADIUS	.123	.068	.189
MEAN RADIUS	1.036	.941	.842
MAX RADIUS	1.677	1.642	1.222
HORIZONTAL SPREAD	2.494	1.858	1.858
VERTICAL SPREAD	2.867	2.867	2.325
EXTREME SPREAD	2.915	2.915	2.327
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

4 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649071

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.677

VS= 2.343

GS= 2.931

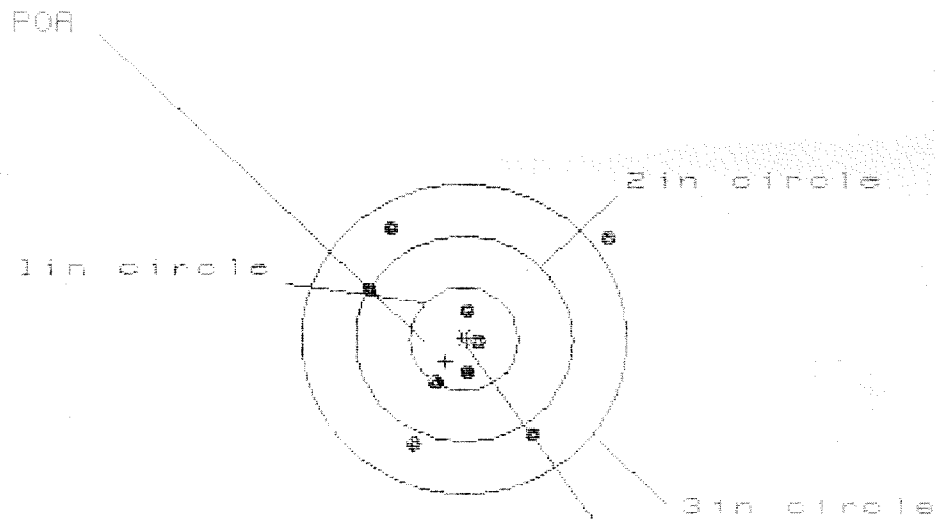
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.588	1.243	.541
MINIMUM X	:	-1.089	-.912	-.757
MAXIMUM Y	:	1.095	1.194	1.119
MINIMUM Y	:	-1.248	-1.149	-1.000
CENTROID X	:	.045	-.132	-.287
CENTROID Y	:	.241	.141	-.008
POA TO CENTROID in.	:	.245	.193	.287
MIN RADIUS	:	.190	.327	.378
MEAN RADIUS	:	.952	.827	.699
MAX RADIUS	:	1.822	1.723	1.119
HORIZONTAL SPREAD	:	2.677	2.155	1.298
VERTICAL SPREAD	:	2.343	2.343	2.119
EXTREME SPREAD	:	2.931	2.770	2.120
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

4 Nov 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10
 # IN CIR
 1in - 5
 2in - 6
 3in - 9
 HS - 2.171
 VS - 2.074
 GS - 2.621

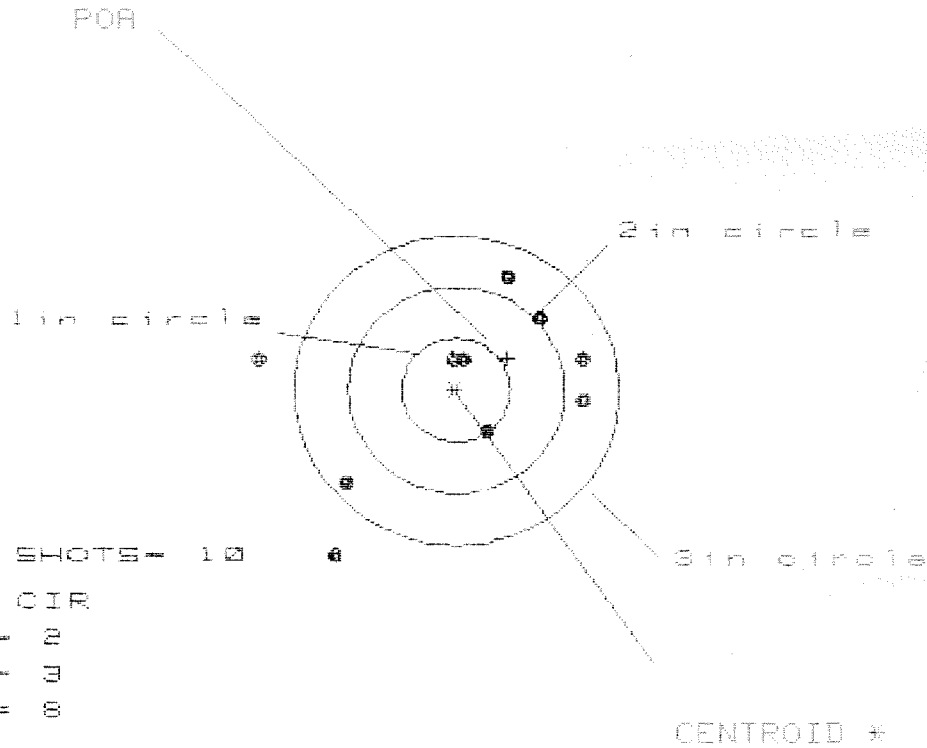
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.294	.823	.758
MINIMUM X	:	-.877	-.733	-.798
MAXIMUM Y	:	1.103	1.210	.720
MINIMUM Y	:	-.971	-.864	-.713
CENTROID X	:	.170	.026	.091
CENTROID Y	:	.219	.112	-.039
POA TO CENTROID in.	:	.277	.115	.099
MIN RADIUS	:	.132	.260	.114
MEAN RADIUS	:	.748	.653	.541
MAX RADIUS	:	1.616	1.316	1.074
HORIZONTAL SPREAD	:	2.171	1.556	1.556
VERTICAL SPREAD	:	2.074	2.074	1.432
EXTREME SPREAD	:	2.621	2.416	2.073
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Nov 1991

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 2

2in = 3

3in = 8

HS= 3.052

VS= 2.709

GS= 3.145

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.192	1.067	.819
MINIMUM X	:	-1.860	-1.985	-1.364
MAXIMUM Y	:	1.115	.938	.952
MINIMUM Y	:	-1.594	-1.111	-1.097
CENTROID X	:	-.475	-.350	-.102
CENTROID Y	:	-.382	-.125	-.139
POA TO CENTROID in.	:	.563	.372	.172
MIN RADIUS	:	.294	.184	.345
MEAN RADIUS	:	1.099	.944	.797
MAX RADIUS	:	1.949	1.988	1.750
HORIZONTAL SPREAD	:	3.052	3.052	2.183
VERTICAL SPREAD	:	2.709	2.049	2.049
EXTREME SPREAD	:	3.145	3.058	2.520
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			8	

4 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649071

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.162

VS= 3.201

GS= 3.579

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.081	1.169	1.045
MINIMUM X	-1.081	-1.993	-1.032
MAXIMUM Y	2.193	1.506	1.430
MINIMUM Y	-1.008	-1.765	-1.041
CENTROID X	-1.057	-1.145	-1.021
CENTROID Y	-1.124	-1.367	-1.291
POA TO CENTROID in.	.136	.395	.292
MIN RADIUS	.401	.222	.289
MEAN RADIUS	.965	.774	.722
MAX RADIUS	2.333	1.251	1.111
HORIZONTAL SPREAD	2.162	2.162	2.077
VERTICAL SPREAD	3.201	1.271	1.271
EXTREME SPREAD	3.579	2.405	2.678
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	