

FORN

UPC



0 47700 25716 7

C6649037

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

2 1/2

MODEL 700 TM M24

ORDER NO.

5715

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6649037

ORDER NO.

5716

20

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



5716 C6649037

ORDER 5716

MODEL 700 TM M24

UPC



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ORDER 5716

MODEL 700 TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649037

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	RW
600	Proof	9 26	91	RW
607	Check Headspace	9 26	91	RW
610	Dis-assemble Gun	9 26	91	RW
612	Magnaflux Barrel Action	OCT	3 1991	KCD
	Magnaflux Bolt	OCT	3 1991	KCD
615	Rollmark Caliber	OCT	3 1991	GS
617	Drill and Tap Sight Holes	OCT	1991	LB
618	Polish Barrel	OCT	1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	RW
	C) Inspect Ejector Hole for Chamfer		10/18/91	RW
	D) Oil Firing Pin Ass'y		10/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/19/91	JM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/17/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/19/91	WB
	H) Trigger Pull Test & Retainability						11/19/91	JH
	I) Firing Pin Indent	.021	.021	.021			11/19/91	WB
	J) Assemble Stock						11/20/91	RW
	K) Assemble Swivel Studs						11-26-91	JH
	L) Attach Front and Rear Sight Assemblies						11/20/91	RW
	M) Iron Sight Alignment						11/20/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/20/91	RW
	O) Attach Scope to Rifle						11/20/91	RW
	P) Detach & Attach Scope 20 Times						11/20/91	RW
640	Gallery Target & Test						11-22-91	DH
	A) Time						11-22-91	DH
	B) Malfunctions						11-22-91	DH
	C) Pierced Primers						11-22-91	DH
	D) Optical Clarity of Scope						11-22-91	DH
645	Inspect for Live Ammo						11-22-91	DH
655	Final Inspection							
	A) Headspace						11-26-91	JH
	B) Trigger Pull	274	288	284	268	266	11-22-91	DH
	C) Function						11-26-91	JH
660	Pack						12-19-91	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-6649037

DATE 11-19-91

TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.63	2.48	2.74	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.63	2.55	2.88	
PULL #3	2.51	2.38	2.46	2.84	
PULL #4	2.47	2.60	2.44	2.68	
PULL #5	2.39	2.43	2.51	2.66	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.73	3.20		
PULL #2	3.53	3.70		
PULL #3	3.70	3.50		
PULL #4	3.30	3.46		
PULL #5	3.64	3.54		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.31		4.43
PULL #2	4.24	4.29		4.44
PULL #3	4.21	4.20		4.43
PULL #4	4.22	4.16		4.36
PULL #5	4.22	4.18		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649037
22 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.452691
1 TO 2	.327818
1 TO 3	.68171
1 TO 4	.564139
1 TO 5	.408375

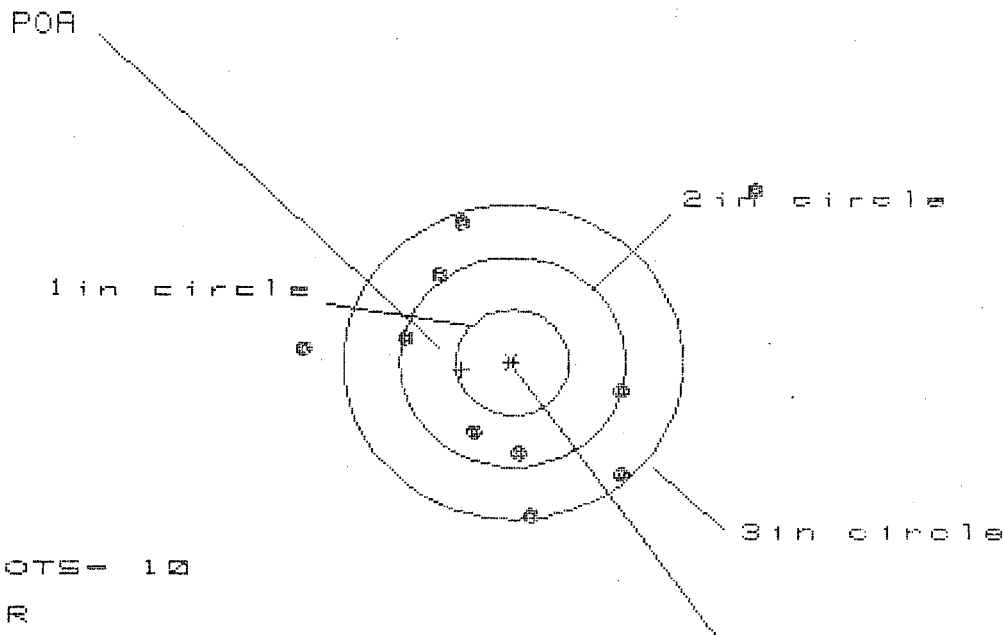
31 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0628
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0374
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0730931
THE AMR FOR THIS RIFLE IS: 1.126

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649037

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 2.929

VS = 3.121

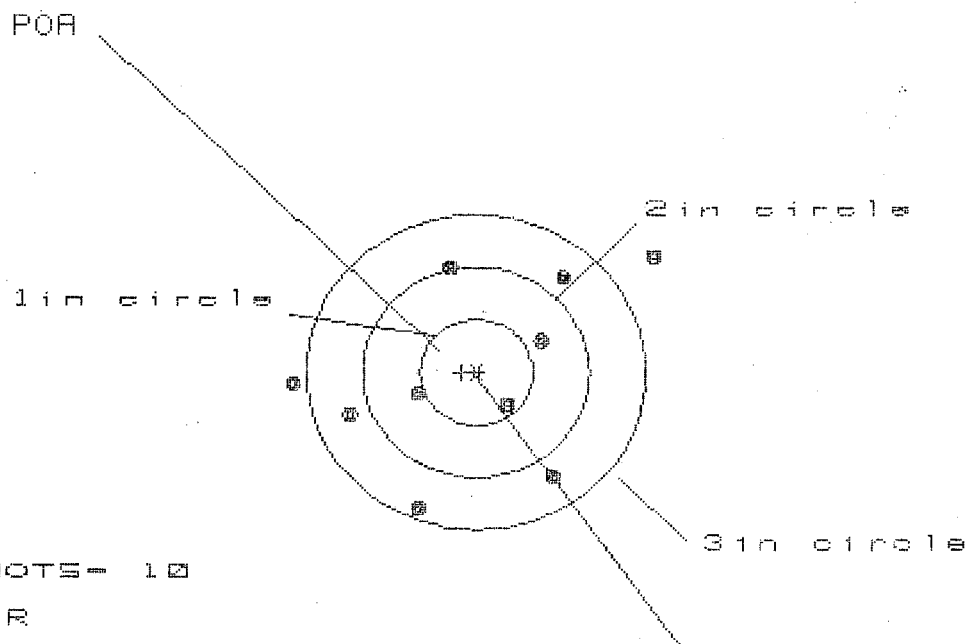
GS = 4.215

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.128	1.194	.999
MINIMUM X	:	-1.801	-1.565	-.895
MAXIMUM Y	:	1.669	1.563	1.604
MINIMUM Y	:	-1.452	-1.267	-1.226
CENTROID X	:	.448	.212	.407
CENTROID Y	:	.065	-.120	-.161
POA TO CENTROID in.	:	.453	.243	.438
MIN RADIUS	:	.737	.464	.532
MEAN RADIUS	:	1.344	1.141	1.073
MAX RADIUS	:	2.704	1.599	1.660
HORIZONTAL SPREAD	:	3.929	2.759	1.894
VERTICAL SPREAD	:	3.121	2.830	2.830
EXTREME SPREAD	:	4.215	3.032	2.889
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649037

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 3.205

VS= 2.417

GS= 3.426

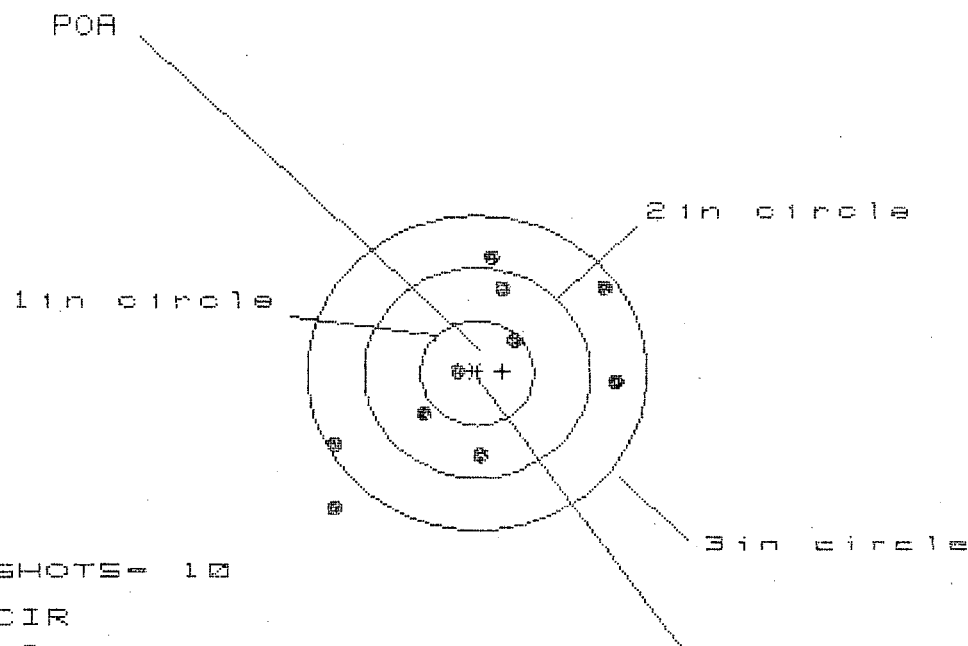
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.598	.978	.799
MINIMUM X	:	-1.607	-1.429	-1.082
MAXIMUM Y	:	1.103	1.099	1.101
MINIMUM Y	:	-1.314	-1.192	-1.190
CENTROID X	:	.127	-.051	.128
CENTROID Y	:	-.002	-.124	-.126
POA TO CENTROID in.	:	.127	.134	.179
MIN RADIUS	:	.388	.339	.321
MEAN RADIUS	:	1.111	1.004	.935
MAX RADIUS	:	1.942	1.429	1.314
HORIZONTAL SPREAD	:	3.205	2.407	1.881
VERTICAL SPREAD	:	2.417	2.291	2.291
EXTREME SPREAD	:	3.426	2.600	2.577
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Nov 1931

FILE:/PATTERNING/CENTERFIRE_PATT/CG645037

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.570

VS= 2.411

GS= 3.242

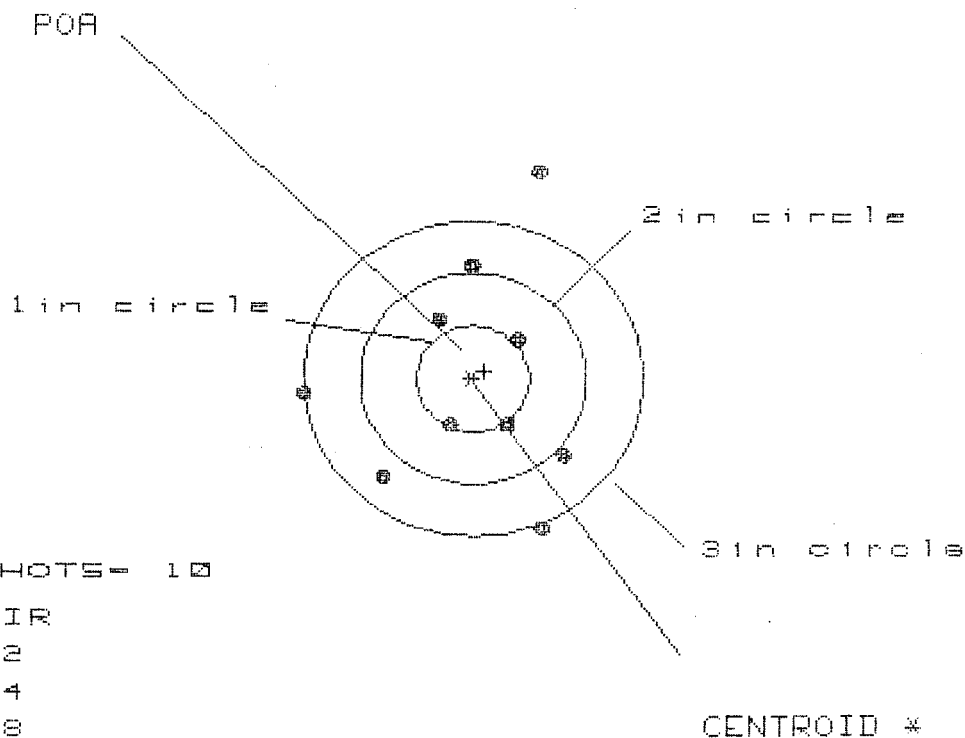
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.254	1.108	1.235
MINIMUM X	:	-1.316	-1.371	-1.244
MAXIMUM Y	:	1.155	1.015	1.103
MINIMUM Y	:	-1.256	-.917	-.829
CENTROID X	:	-.229	-.083	-.210
CENTROID Y	:	-.015	.125	.037
POA TO CENTROID in.	:	.230	.150	.213
MIN RADIUS	:	.132	.248	.146
MEAN RADIUS	:	.988	.880	.827
MAX RADIUS	:	1.819	1.598	1.445
HORIZONTAL SPREAD	:	2.570	2.479	2.479
VERTICAL SPREAD	:	2.411	1.932	1.932
EXTREME SPREAD	:	3.242	2.827	2.555
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

22 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649037

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.244

VS= 3.313

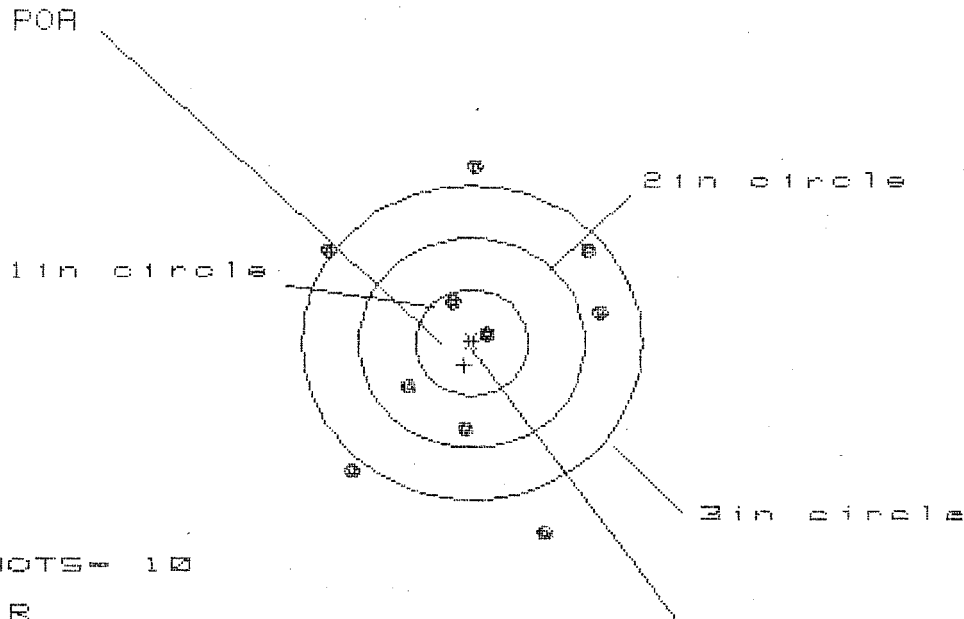
GS= 3.313

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.781
MINIMUM X	-1.463
MAXIMUM Y	1.934
MINIMUM Y	-1.379
CENTROID X	-.099
CENTROID Y	-.073
POA TO CENTROID in.	.123
MIN RADIUS	.485
MEAN RADIUS	1.045
MAX RADIUS	2.035
HORIZONTAL SPREAD	2.244
VERTICAL SPREAD	3.313
EXTREME SPREAD	3.313
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

22 Nov 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 2.356

VS= 3.566

GS= 3.626

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.121	1.196	1.209
MINIMUM X	-1.235	-1.160	-1.147
MAXIMUM Y	1.731	1.527	.905
MINIMUM Y	-1.835	-1.410	-1.219
CENTROID X	.067	-.008	-.021
CENTROID Y	.212	.416	.225
POR TO CENTROID in.	.223	.416	.226
MIN RADIUS	.123	.208	.195
MEAN RADIUS	1.144	1.043	.972
MAX RADIUS	1.957	1.727	1.567
HORIZONTAL SPREAD	2.356	2.356	2.356
VERTICAL SPREAD	3.566	2.937	2.124
EXTREME SPREAD	3.626	3.136	3.022
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		