

FORM

UPC



0 47700 25716 7

06665763

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 TM M24

SERIAL NO.

C6665763

ORDER NO.

5716

20

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



5716 C6665763

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665763

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 4 1991	KR
	Magnaflux Bolt		OCT 4 1991	KR
615	Rollmark Caliber		OCT 4 1991	GS
617	Drill and Tap Sight Holes		OCT 4 1991	LB
618	Polish Barrel		10/8/91	W.B
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		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/30/91	W

op. #	BARBER - M24 0102247 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4 $\frac{1}{4}$	3 $\frac{1}{2}$			10-30-91	DH
	G) Safety Off Force	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{1}{2}$			10-30-91	DH
	H) Trigger Pull Test & Retainability						10/30/91	JH
	I) Firing Pin Indent	.021	.021	.021			10-30-91	DH
	J) Assemble Stock						10/31/91	RW
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/31/91	RW
	M) Iron Sight Alignment						10/31/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/31/91	RW
	O) Attach Scope to Rifle						10/31/91	RW
	P) Detach & Attach Scope 20 Times						10/31/91	RW
640	Gallery Target & Test						10-31-91	N
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10-31-91	NF
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	2.54	2.31	2.32	2.34	2.36	11-5-91	DH
	C) Function						11-12-91	AC
660	Pack						12-30-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C.6665 763DATE 10/30/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.60	2.31	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.63	2.48	2.31	
PULL #3	2.31	2.30	2.32	2.32	
PULL #4	2.26	2.28	2.30	2.34	
PULL #5	2.36	2.32	2.35	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.54		
PULL #2	3.46	3.54		
PULL #3	3.47	3.59		
PULL #4	3.42	3.51		
PULL #5	3.29	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.40		4.51
PULL #2	4.53	4.35		4.36
PULL #3	4.49	4.46		4.44
PULL #4	4.43	4.34		4.31
PULL #5	4.31	4.41		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665763
31 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.225291
1 TO	2	.333635
1 TO	3	.0543415
1 TO	4	.420577
1 TO	5	.227528

4 <----POA

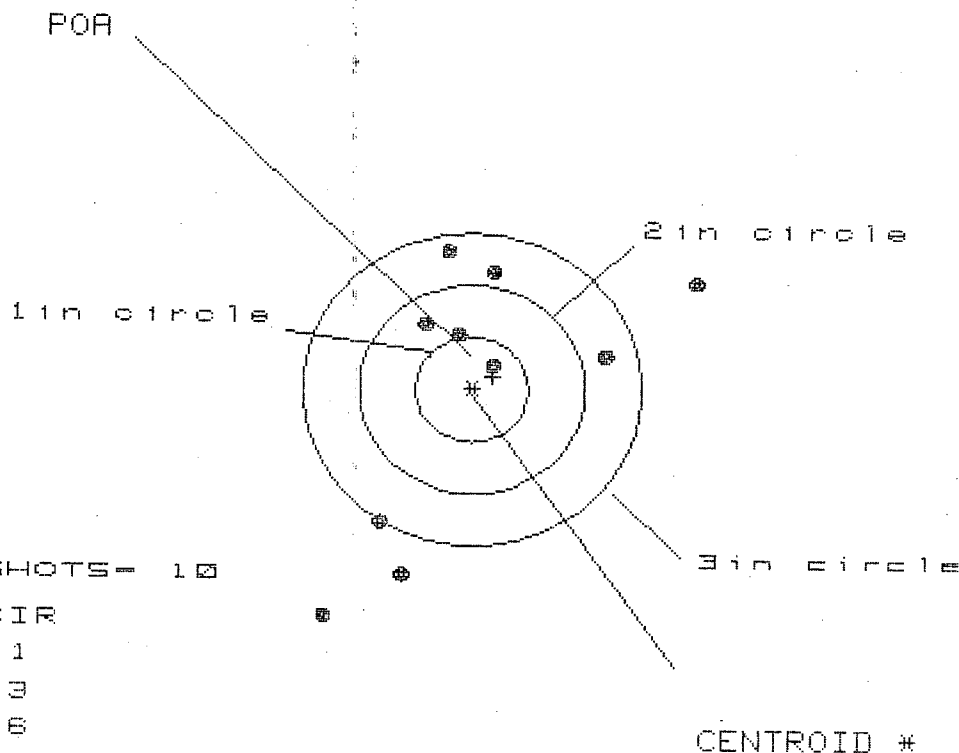
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.11
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0578
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .124261

THE AMR FOR THIS RIFLE IS: 1.142

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6565763

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 3.271

VS= 3.444

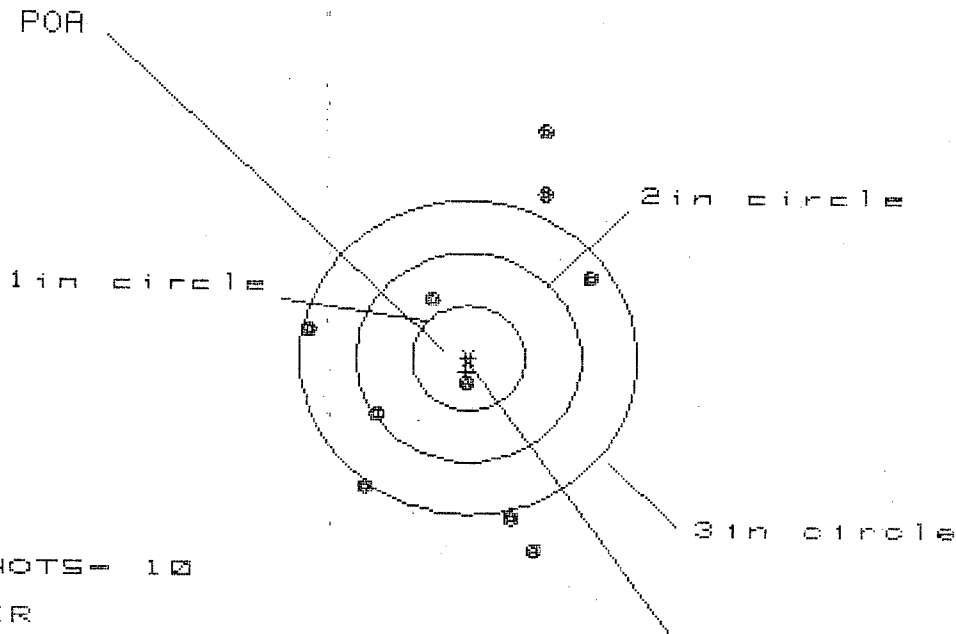
GS= 4.555

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.971	1.826	1.222
MINIMUM X	-1.300	-1.003	-.774
MAXIMUM Y	1.323	1.087	1.189
MINIMUM Y	-2.121	-2.003	-1.901
CENTROID X	-.184	-.039	-.268
CENTROID Y	-.130	.106	.004
POA TO CENTROID in.	.225	.113	.268
MIN RADIUS	.283	.087	.303
MEAN RADIUS	1.335	1.127	1.039
MAX RADIUS	2.488	2.157	1.986
HORIZONTAL SPREAD	3.271	2.829	1.996
VERTICAL SPREAD	3.444	3.090	3.090
EXTREME SPREAD	4.555	3.851	3.126
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

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FILE:/PATTERNING/CENTERFIRE_PATT/C6665763

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 2.548

VS = 3.945

GS = 3.946

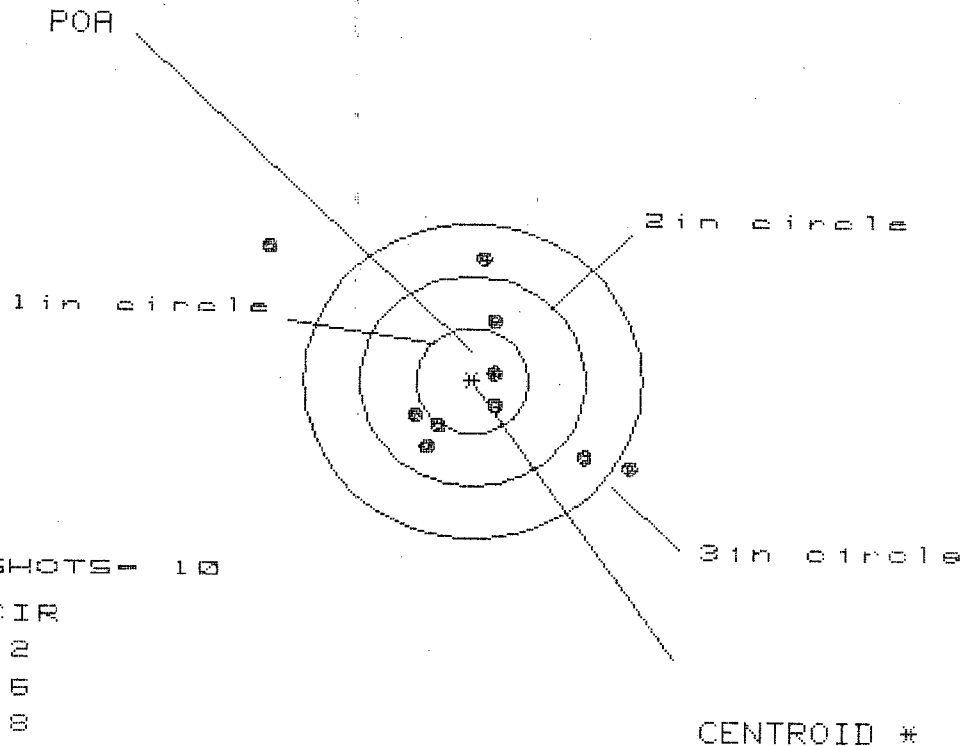
CENTROID #

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.091	1.167	1.254
MINIMUM X	-1.457	-1.381	-1.294
MAXIMUM Y	2.128	1.833	1.635
MINIMUM Y	-1.817	-1.580	-1.457
CENTROID X	.020	-.056	-.143
CENTROID Y	.134	-.103	.095
POA TO CENTROID in.	.135	.117	.171
MIN RADIUS	.239	.056	.245
MEAN RADIUS	1.359	1.221	1.158
MAX RADIUS	2.235	1.991	1.850
HORIZONTAL SPREAD	2.548	2.548	2.548
VERTICAL SPREAD	3.945	3.413	3.092
EXTREME SPREAD	3.946	3.414	3.222
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 3.224

VS= 2.122

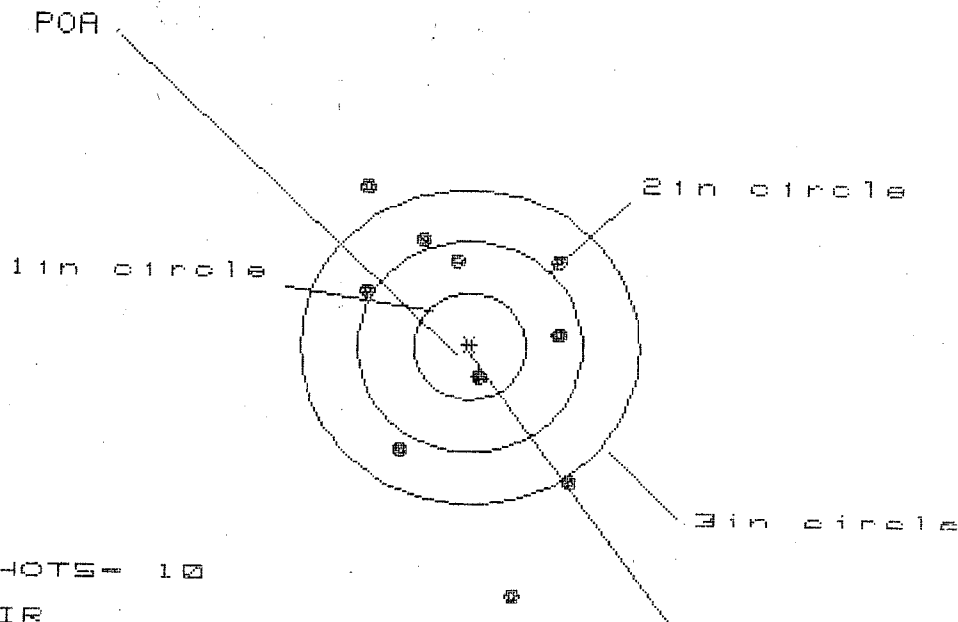
GS= 3.860

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.375	1.170	.928
MINIMUM X	:	-1.849	-.709	-.563
MAXIMUM Y	:	1.325	1.315	1.234
MINIMUM Y	:	-.797	-.649	-.608
CENTROID X	:	-.196	.009	-.137
CENTROID Y	:	-.077	-.225	-.143
POA TO CENTROID in.	:	.211	.225	.198
MIN RADIUS	:	.214	.109	.191
MEAN RADIUS	:	.929	.753	.666
MAX RADIUS	:	2.275	1.338	1.236
HORIZONTAL SPREAD	:	3.224	1.879	1.491
VERTICAL SPREAD	:	2.122	1.964	1.841
EXTREME SPREAD	:	3.860	2.321	2.027
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 1.802

VS= 3.871

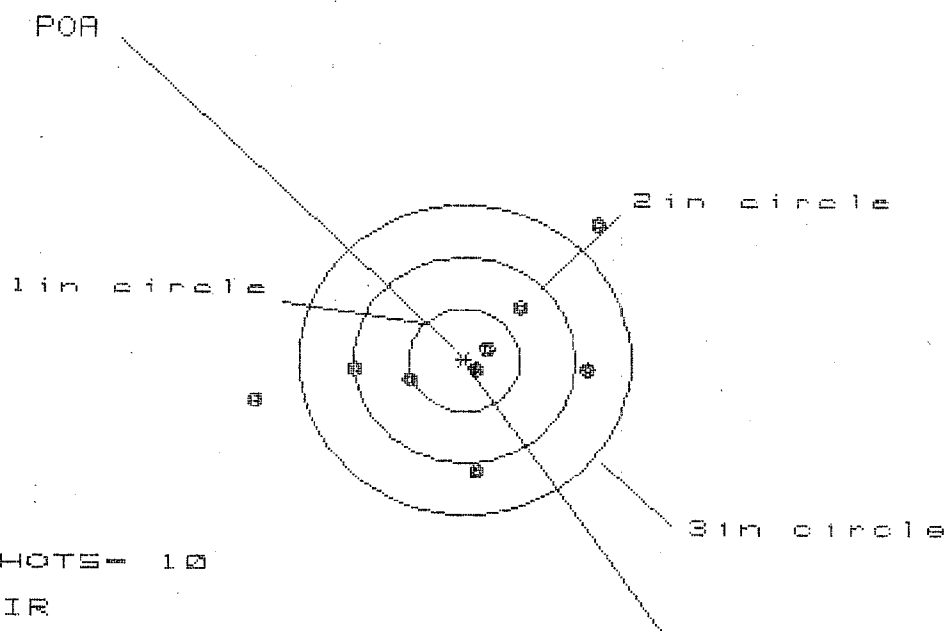
GS= 4.101

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.850	.898	.789
MINIMUM X	-.952	-.904	-1.013
MAXIMUM Y	1.536	1.276	.883
MINIMUM Y	-2.335	-1.561	-1.401
CENTROID X	-.086	-.134	-.025
CENTROID Y	.279	.539	.379
POA TO CENTROID in.	.292	.555	.380
MIN RADIUS	.292	.540	.384
MEAN RADIUS	1.210	1.048	.983
MAX RADIUS	2.375	1.801	1.608
HORIZONTAL SPREAD	1.802	1.802	1.802
VERTICAL SPREAD	3.871	2.837	2.284
EXTREME SPREAD	4.101	3.344	2.598
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 2

HS= 3.0000

VS= 2.413

GS= 3.500

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.224	1.017	.989
MINIMUM X	-1.864	-1.242	-1.115
MAXIMUM Y	1.301	1.262	.652
MINIMUM Y	-1.112	-1.151	-.993
CENTROID X	-.104	.103	-.024
CENTROID Y	.083	.122	-.035
POA TO CENTROID in.	.133	.160	.043
MIN RADIUS	.147	.104	.032
MEAN RADIUS	.875	.737	.609
MAX RADIUS	1.897	1.621	1.115
HORIZONTAL SPREAD	3.088	2.259	2.104
VERTICAL SPREAD	2.413	2.413	1.646
EXTREME SPREAD	3.503	2.658	2.104
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	