

FACE

UPC



0 47700 25716 7

C6649031

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO. 5716

BARBER - M24 0030844

Remington



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

MODEL 700TM M24

SERIAL NO.
C6649031

ORDER NO.
5716

20

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



5716 C6649031

ORDER 5716

MODEL 700TM M24

UPC



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ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649031

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	9 1	RW
600	Proof	9 26	9 1	RW
607	Check Headspace	9 26	9 1	RW
610	Dis-assemble Gun	9 26	9 1	RW
612	Magnaflux Barrel Action	OCT	3 1991	KCR
	Magnaflux Bolt	OCT	3 1991	KCR
615	Rollmark Caliber	OCT	3 1991	GB
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-2-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	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		11-11-91	JH

op	BARBER FM240030846	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-11-91	JM
	G) Safety Off Force	3	3	3			11-11-91	JM
	H) Trigger Pull Test & Retainability						11-11-91	JM
	I) Firing Pin Indent	1021	10205	10205			11-11-91	JM
	J) Assemble Stock						11/13/91	RW
	K) Assemble Swivel Studs						11/19/91	D/H
	L) Attach Front and Rear Sight Assemblies						11/13/91	RW
	M) Iron Sight Alignment						11/13/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/13/91	RW
	O) Attach Scope to Rifle						11/13/91	RW
	P) Detach & Attach Scope 20 Times						11/13/91	RW
640	Gallery Target & Test						11-14-91	AC
	A) Time						11-14-91	AC
	B) Malfunctions						11-14-91	AC
	C) Pierced Primers						11-14-91	AC
	D) Optical Clarity of Scope						11-14-91	AC
645	Inspect for Live Ammo						11-14-91	AC
655	Final Inspection							
	A) Headspace						11-19-91	D/H
	B) Trigger Pull	246	233	247	243	247	11-14-91	D/H
	C) Function						11-19-91	D/H
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. C-6649031

DATE 11-11-91

TESTER gcl

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.28	2.22	246	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.28	2.24	233	
PULL #3	2.26	2.24	2.30	247	
PULL #4	2.28	2.28	2.28	243	
PULL #5	2.29	2.26	2.28	247	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.53		
PULL #2	3.38	3.51		
PULL #3	3.27	3.50		
PULL #4	3.50	3.51		
PULL #5	3.50	3.51		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.38		4.38
PULL #2	4.44	4.38		4.35
PULL #3	4.34	4.41		4.41
PULL #4	4.20	4.33		4.39
PULL #5	4.38	4.26		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649031
15 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.321123
1 TO 2	.562411
1 TO 3	.217007
1 TO 4	.144368
1 TO 5	.331748

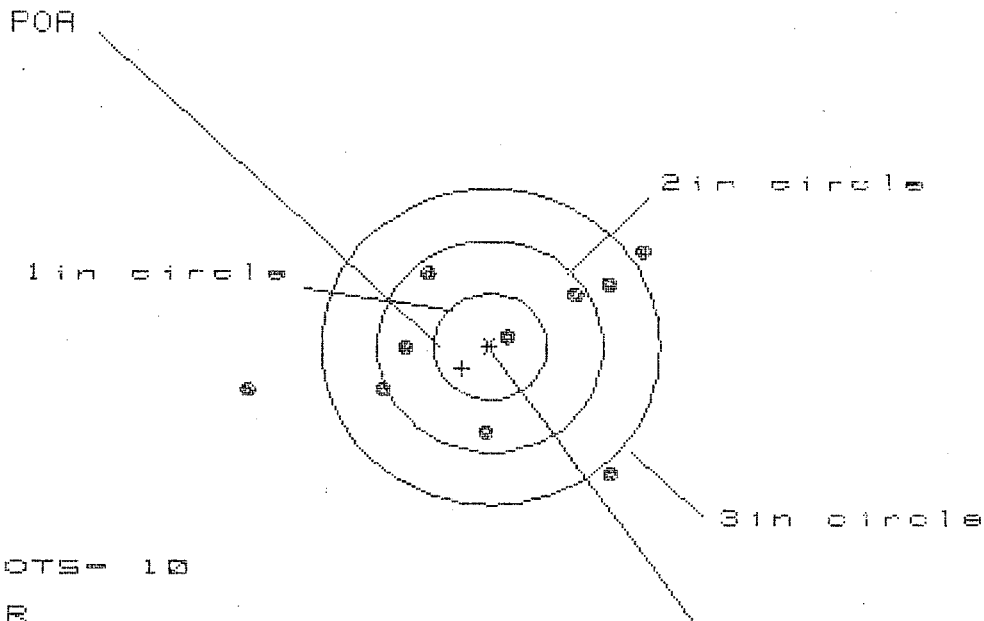
5.1
2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1532
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0018
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .153211
THE AMR FOR THIS RIFLE IS: 1.003

15 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649031

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.444

VS= 2.132

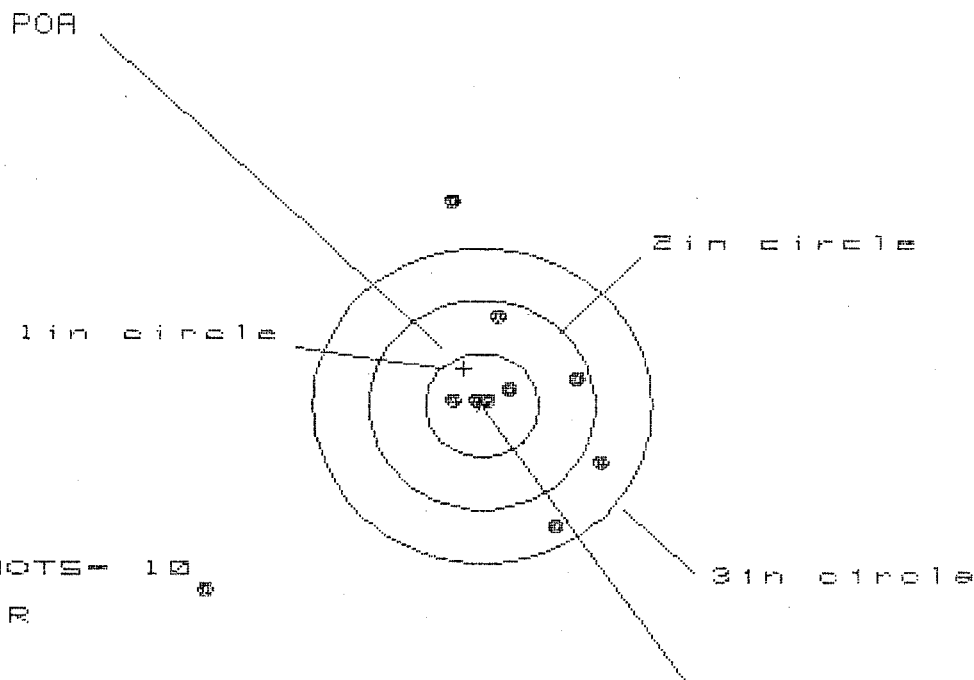
GS= 3.683

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.332	1.098	1.196
MINIMUM X	:	-2.112	-1.170	-1.072
MAXIMUM Y	:	.884	.837	.675
MINIMUM Y	:	-1.248	-1.295	-.965
CENTROID X	:	.248	.482	.384
CENTROID Y	:	.204	.251	.413
POA TO CENTROID in.	:	.321	.544	.564
MIN RADIUS	:	.200	.073	.124
MEAN RADIUS	:	1.096	.956	.872
MAX RADIUS	:	2.153	1.517	1.373
HORIZONTAL SPREAD	:	3.444	2.268	2.268
VERTICAL SPREAD	:	2.132	2.132	1.640
EXTREME SPREAD	:	3.683	2.585	2.585
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

15 May 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 5

3 in = 8

HS = 3.492

VS = 3.747

GS = 4.308

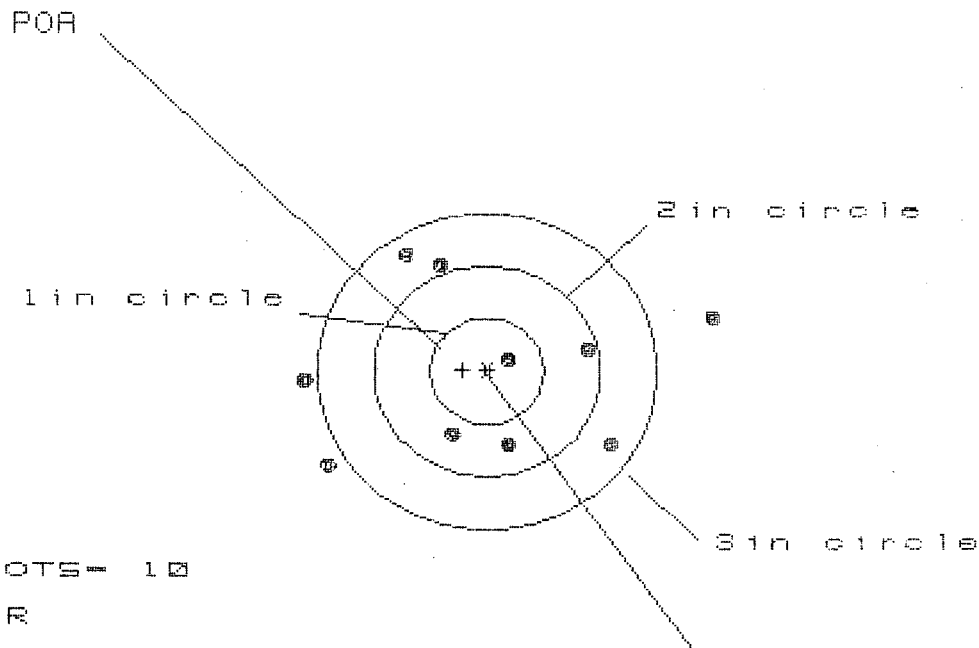
CENTROID #

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.078
MINIMUM X	-2.414
MAXIMUM Y	1.961
MINIMUM Y	-1.786
CENTROID X	.157
CENTROID Y	-.351
POA TO CENTROID in.	.385
MIN RADIUS	.026
MEAN RADIUS	1.002
MAX RADIUS	3.003
HORIZONTAL SPREAD	3.492
VERTICAL SPREAD	3.747
EXTREME SPREAD	4.308
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

15 Nov 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 3.555

VS= 2.007

GS= 3.631

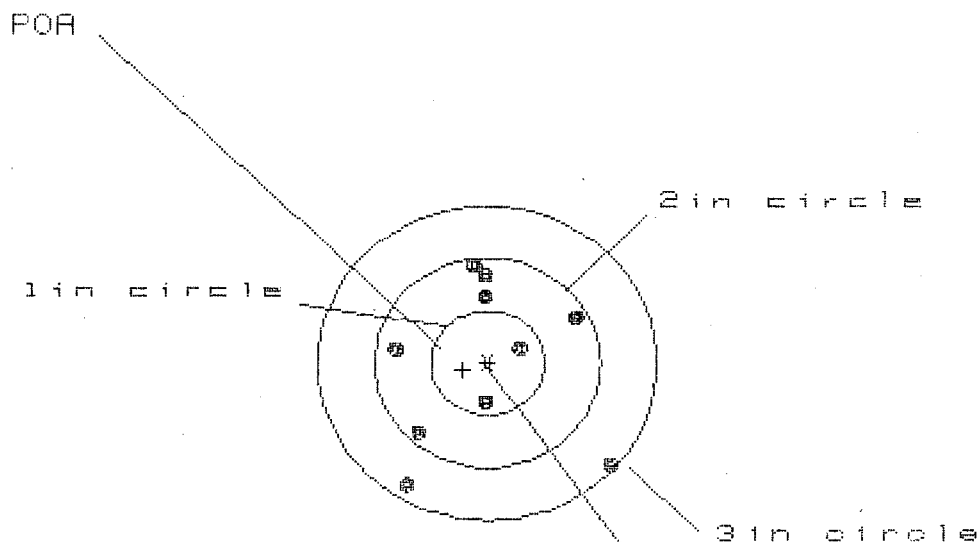
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.979	1.296	1.151
MINIMUM X	:	-1.576	-1.356	-1.501
MAXIMUM Y	:	1.145	1.201	1.101
MINIMUM Y	:	-0.862	-0.806	-0.771
CENTROID X	:	.212	-.008	.137
CENTROID Y	:	-.010	-.066	.034
POA TO CENTROID in.:	:	.212	.067	.141
MIN RADIUS	:	.249	.474	.306
MEAN RADIUS	:	1.158	1.064	.997
MAX RADIUS	:	2.043	1.459	1.505
HORIZONTAL SPREAD	:	3.555	2.652	2.652
VERTICAL SPREAD	:	2.007	2.007	1.872
EXTREME SPREAD	:	3.631	2.736	2.736
NUMBER IN ONE INCH CIRCLE =	:		1	
NUMBER IN TWO INCH CIRCLE =	:		4	
NUMBER IN THREE INCH CIRCLE =	:		7	

15 Nov 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.899

VS= 2.142

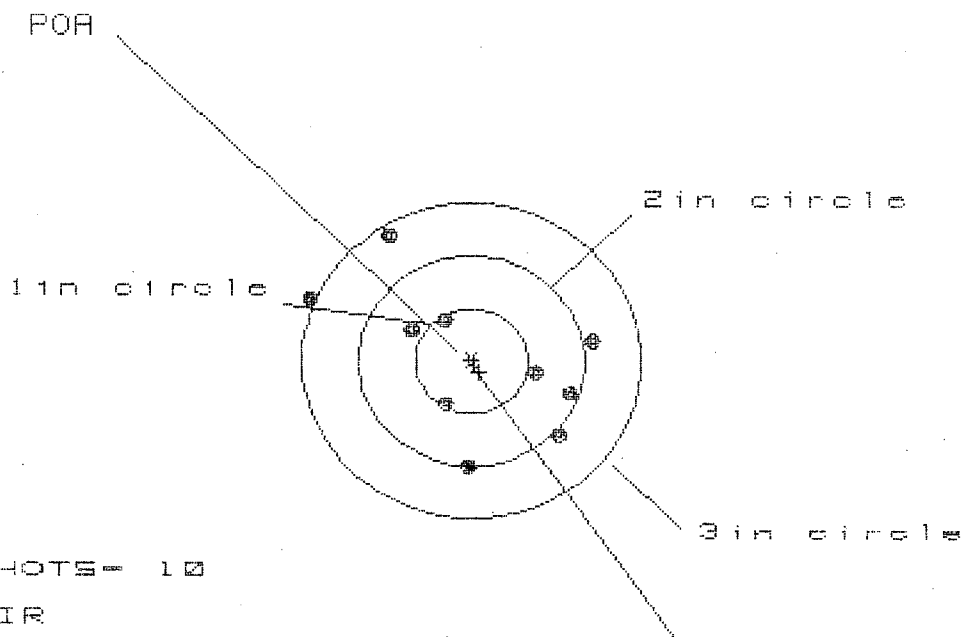
GS= 2.267

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.079	.906	.829
MINIMUM X	:	-.820	-.700	-.777
MAXIMUM Y	:	.935	.831	.667
MINIMUM Y	:	-1.207	-1.311	-.890
CENTROID X	:	.217	.097	.174
CENTROID Y	:	.063	.167	.331
POA TO CENTROID in.	:	.226	.194	.374
MIN RADIUS	:	.313	.435	.392
MEAN RADIUS	:	.850	.777	.660
MAX RADIUS	:	1.428	1.446	1.061
HORIZONTAL SPREAD	:	1.899	1.606	1.606
VERTICAL SPREAD	:	2.142	2.142	1.557
EXTREME SPREAD	:	2.267	2.267	1.785
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

15 May 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.418

VS= 2.189

GS= 2.559

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.030	.876	.760
MINIMUM X	:	-1.388	-.930	-.811
MAXIMUM Y	:	1.160	1.223	.569
MINIMUM Y	:	-1.029	-.966	-.813
CENTROID X	:	-.068	.086	.202
CENTROID Y	:	.103	.040	.113
POA TO CENTROID in.	:	.124	.095	.231
MIN RADIUS	:	.428	.431	.337
MEAN RADIUS	:	.910	.828	.715
MAX RADIUS	:	1.499	1.536	.940
HORIZONTAL SPREAD	:	2.418	1.806	1.571
VERTICAL SPREAD	:	2.189	2.189	1.382
EXTREME SPREAD	:	2.559	2.473	1.681
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	