

FACE

UPC



0 47700 25716 7

C6649033

BARREL LENGTH
CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6649033

ORDER NO.

5716

20

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



5716 C6649033

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 # C6649033

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	KCD
	Magnaflux Bolt	OCT	3 1991	KCD
615	Rollmark Caliber	OCT	3 1991	CS.
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10/18/91	JA
	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		12/3/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2			12/3/91	WLB
	G) Safety Off Force	2	2	2			12/3/91	WLB
	H) Trigger Pull Test & Retainability						12/3/91	WLB
	I) Firing Pin Indent	.020	.020	.020			12/3/91	WLB
	J) Assemble Stock						12/4/91	Rev
	K) Assemble Swivel Studs						12-7-91	Ac
	L) Attach Front and Rear Sight Assemblies						12/4/91	Rev
	M) Iron Sight Alignment						12/4/91	Rev
	N) Detach Front & Rear Sights & place in numbered container						12/4/91	Rev
	O) Attach Scope to Rifle						12/4/91	Rev
	P) Detach & Attach Scope 20 Times						12/4/91	Rev
	640	Gallery Target & Test						12-4-91
	A) Time						12-4-91	DH
	B) Malfunctions						12-4-91	DH
	C) Pierced Primers						12-4-91	DH
	D) Optical Clarity of Scope						12-4-91	DH
645	Inspect for Live Ammo						12-4-91	DH
655	Final Inspection							
	A) Headspace						12-7-91	Ac
	B) Trigger Pull	268	259	249	263	264	12-5-91	DH
	C) Function						12-7-91	Ac
660	Pack						12-19-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6649033

DATE 12/3/91

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.31	2.43	2.68	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.34	2.44	2.59	
PULL #3	2.33	2.36	2.48	2.49	
PULL #4	2.33	2.36	2.50	2.63	
PULL #5	2.31	2.37	2.51	2.64	
TOTAL	11.74	11.74	12.36		
AVG.	2.35	2.35	2.47		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.28		
PULL #2	3.27	3.27		
PULL #3	3.29	3.26		
PULL #4	3.27	3.25		
PULL #5	3.18	3.27		
TOTAL	16.31	16.33		
AVG.	3.26	3.27		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.24		4.27
PULL #2	4.21	4.19		4.23
PULL #3	4.20	4.17		4.23
PULL #4	4.22	4.20		4.21
PULL #5	4.18	4.21		4.19
TOTAL	21.02	21.01		21.13
AVG.	4.20	4.20		4.22

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649033
4 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.268805
1 TO 2	.610239
1 TO 3	.454843
1 TO 4	.493004
1 TO 5	.281556

2
+
5

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1254
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2176
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .251147
THE AMR FOR THIS RIFLE IS: .9944

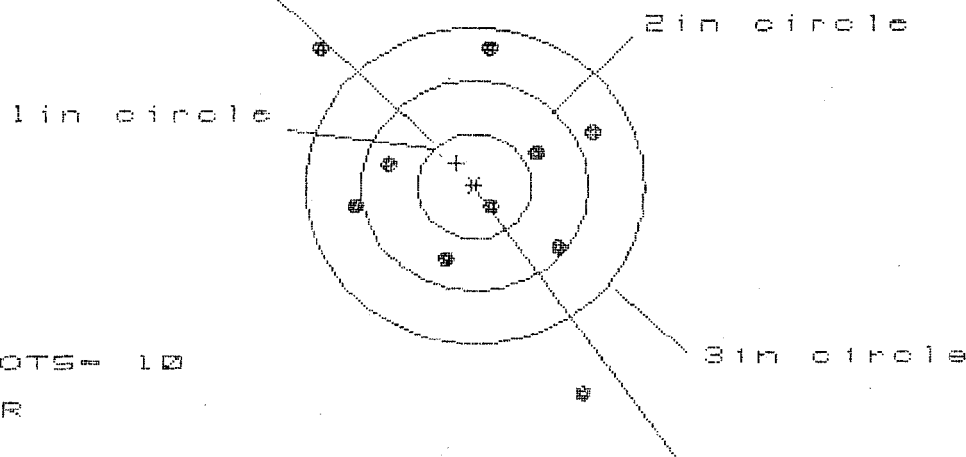
4 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649033

CENTERFIRE PATTERNS

1

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.411

VS= 3.349

GS= 4.083

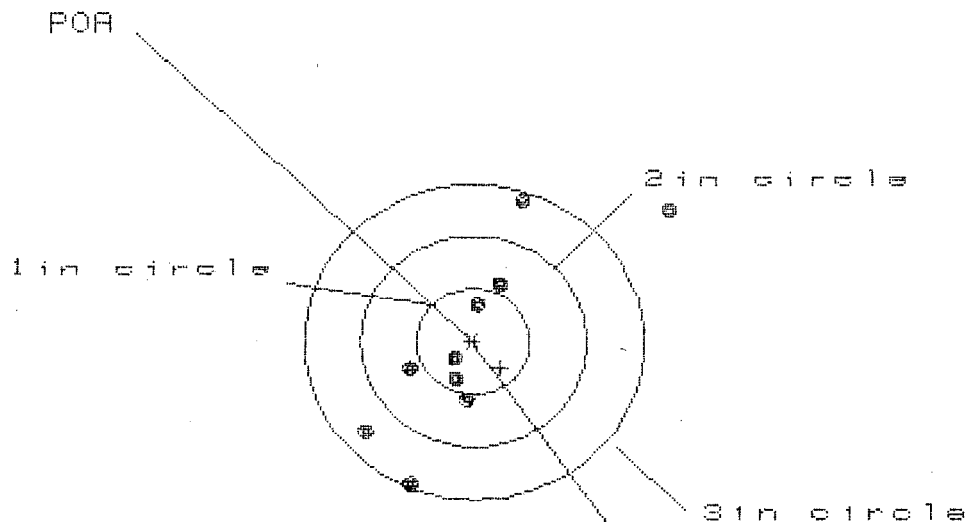
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.015	1.119	.958
MINIMUM X	:	-1.396	-1.292	-1.074
MAXIMUM Y	:	1.359	1.138	1.202
MINIMUM Y	:	-1.990	-0.890	-0.747
CENTROID X	:	.160	.056	.217
CENTROID Y	:	-.216	.005	-.138
POA TO CENTROID in.	:	.269	.056	.257
MIN RADIUS	:	.275	.517	.320
MEAN RADIUS	:	1.098	.986	.855
MAX RADIUS	:	2.200	1.722	1.202
HORIZONTAL SPREAD	:	2.411	2.411	2.032
VERTICAL SPREAD	:	3.349	2.028	1.949
EXTREME SPREAD	:	4.083	2.878	2.167
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

4 Dec 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.666

VS= 2.698

GS= 3.501

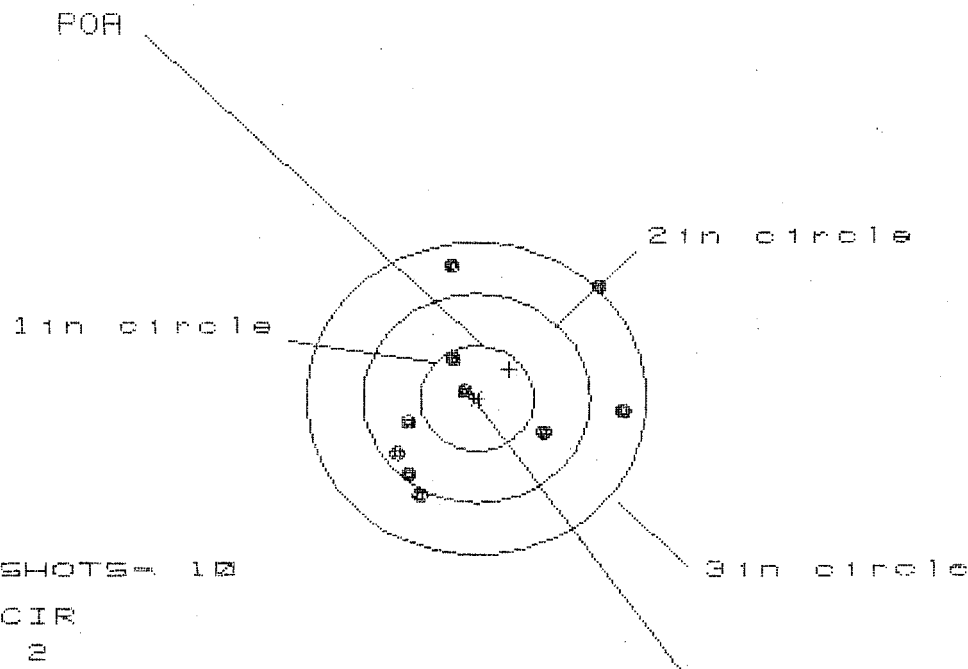
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.730	.663	.614
MINIMUM X	:	-.936	-.743	-.792
MAXIMUM Y	:	1.341	1.482	1.330
MINIMUM Y	:	-1.357	-1.216	-.842
CENTROID X	:	-.234	-.427	-.378
CENTROID Y	:	.250	.109	.261
POR TO CENTROID in.	:	.343	.440	.459
MIN RADIUS	:	.175	.069	.134
MEAN RADIUS	:	.885	.689	.633
MAX RADIUS	:	2.149	1.624	1.465
HORIZONTAL SPREAD	:	2.666	1.406	1.406
VERTICAL SPREAD	:	2.698	2.698	2.172
EXTREME SPREAD	:	3.501	2.895	2.587
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.995

VS= 2.226

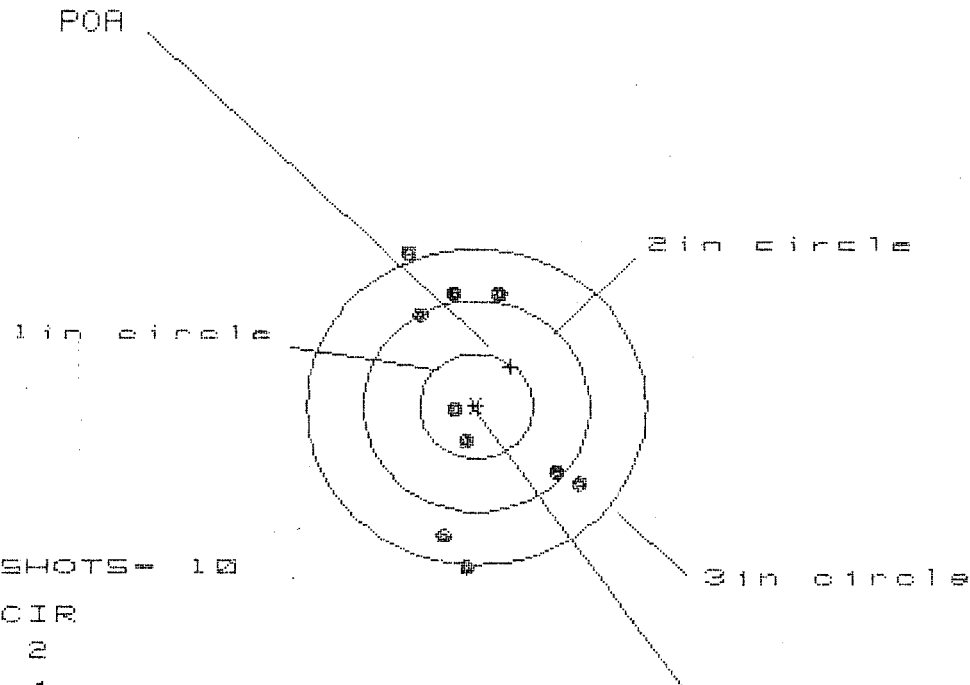
GS= 2.555

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.270	1.388	1.381
MINIMUM X	:	-.725	-.607	-.614
MAXIMUM Y	:	1.291	1.414	.642
MINIMUM Y	:	-.935	-.812	-.636
CENTROID X	:	-.291	-.409	-.482
CENTROID Y	:	-.275	-.398	-.574
POA TO CENTROID in.	:	.400	.571	.701
MIN RADIUS	:	.124	.203	.379
MEAN RADIUS	:	.891	.796	.716
MAX RADIUS	:	1.536	1.415	1.393
HORIZONTAL SPREAD	:	1.995	1.995	1.995
VERTICAL SPREAD	:	2.226	2.226	1.278
EXTREME SPREAD	:	2.555	2.246	2.037
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS = 1.492

VS = 2.938

GS = 2.995

CENTROID #

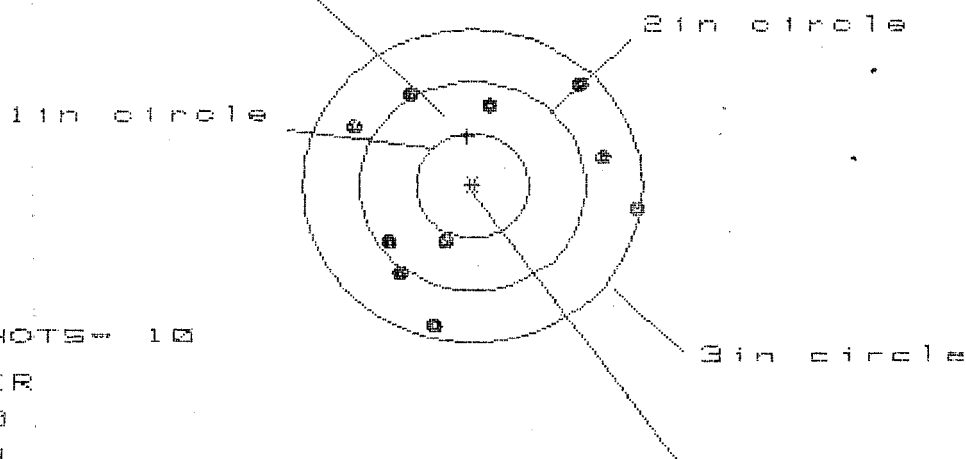
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.866	.796	.782
MINIMUM X	:	-.626	-.544	-.558
MAXIMUM Y	:	1.456	1.262	1.097
MINIMUM Y	:	-1.482	-1.320	-1.264
CENTROID X	:	-.307	-.237	-.223
CENTROID Y	:	-.374	-.536	-.371
POA TO CENTROID in.	:	.484	.586	.432
MIN RADIUS	:	.170	.205	.254
MEAN RADIUS	:	1.009	.930	.884
MAX RADIUS	:	1.585	1.325	1.322
HORIZONTAL SPREAD	:	1.492	1.340	1.340
VERTICAL SPREAD	:	2.938	2.582	2.361
EXTREME SPREAD	:	2.995	2.584	2.368
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	9		

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 10

HS= 2.456

VS= 2.272

GS= 2.616

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.431	1.279	1.250
MINIMUM X	:	-1.025	-.866	-.895
MAXIMUM Y	:	.973	.948	.782
MINIMUM Y	:	-1.299	-1.324	-1.038
CENTROID X	:	.045	-.114	-.085
CENTROID Y	:	-.473	-.448	-.282
POA TO CENTROID in.	:	.475	.462	.295
MIN RADIUS	:	.635	.608	.616
MEAN RADIUS	:	1.089	1.029	.981
MAX RADIUS	:	1.449	1.425	1.298
HORIZONTAL SPREAD	:	2.456	2.145	2.145
VERTICAL SPREAD	:	2.272	2.272	1.820
EXTREME SPREAD	:	2.616	2.616	2.404
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		10	