

FORM

UPC



0 47700 25716 7

BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

C6649184

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.

C6649184

ORDER NO.

5716

20

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



5716 C6649184

ORDER 5716

MODEL 700 TM M24

UPC

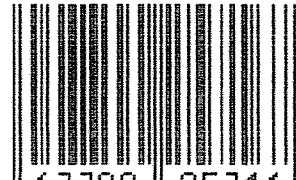


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ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649184

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	0 1991	KR
	Magnaflux Bolt	OCT	0 1991	KR
615	Rollmark Caliber	OCT 1	0 1991	GS
617	Drill and Tap Sight Holes	OCT 1	0 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-2-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	RW
	C) Inspect Ejector Hole for Chamfer		11/11/91	RW
	D) Oil Firing Pin Ass'y		11/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/10/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			17/10/91	W.B
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			17/10/91	W.B
	H) Trigger Pull Test & Retainability						12/10/91	W.B
	I) Firing Pin Indent	.021	.0205	.0205			17/10/91	W.B
	J) Assemble Stock						12/10/91	RW
	K) Assemble Swivel Studs						12-12-91	9/1
	L) Attach Front and Rear Sight Assemblies						12/10/91	RW
	M) Iron Sight Alignment						12/10/91	RW
	N) Detach Front & Rear Sights & place in numbered container						12/10/91	RW
	O) Attach Scope to Rifle						12/10/91	RW
	P) Detach & Attach Scope 20 Times						12/10/91	RW
640	Gallery Target & Test						12/11/91	KT
	A) Time						"	KT
	B) Malfunctions						"	1/4
	C) Pierced Primers						"	1/FT
	D) Optical Clarity of Scope						"	1/KT
645	Inspect for Live Ammo						12/11/91	1/CT
655	Final Inspection							
	A) Headspace						12-12-91	9/1
	B) Trigger Pull	2.44	2.44	2.48	2.62	2.46	12-12-91	9/1
	C) Function						12-12-91	1/
560	Pack						12-12-91	1/

SWS TRIGGER PULL TEST

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

SERIAL NO. C6649184
DATE 12/10/91
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.45	2.41	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.41	2.54	2.44	
PULL #3	2.44	2.46	2.57	2.48	
PULL #4	2.55	2.39	2.57	2.62	
PULL #5	2.40	2.47	2.57	2.46	
TOTAL	12.36	12.18	12.66		
AVG.	2.47	2.43	2.53		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.49		
PULL #2	3.38	3.39		
PULL #3	3.53	3.54		
PULL #4	3.39	3.34		
PULL #5	3.00	3.08		
TOTAL	16.57	16.84		
AVG.	3.31	3.37		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.43		4.30
PULL #2	4.27	4.40		4.13
PULL #3	4.38	4.40		4.00
PULL #4	4.39	4.46		4.07
PULL #5	4.43	4.40		4.22
TOTAL	21.83	22.09		20.72
AVG.	4.37	4.42		4.14

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649184
11 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.0800625
1 TO	2	.124403
1 TO	3	.382941
1 TO	4	.597746
1 TO	5	.0540093

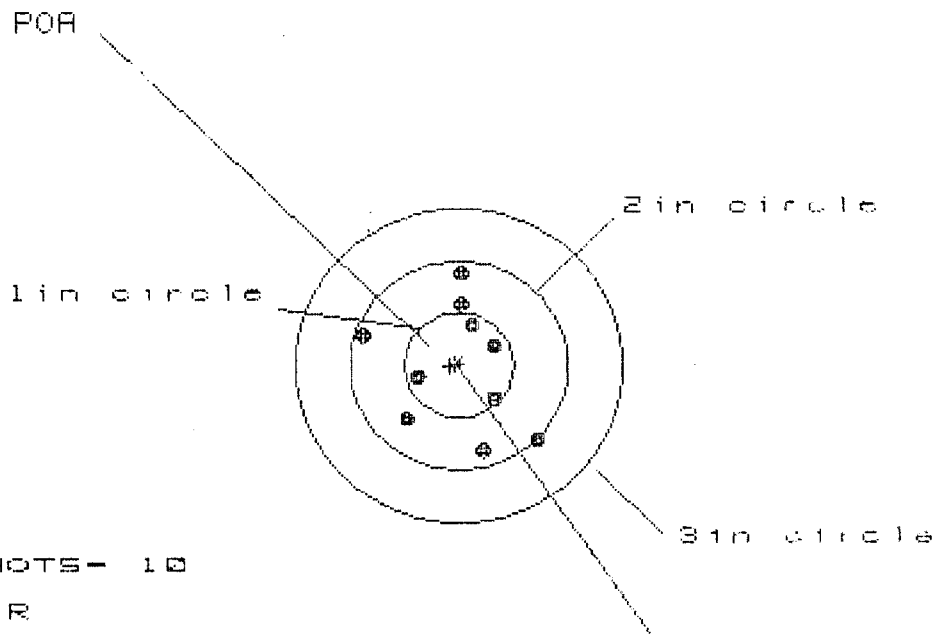
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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0446
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1496
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .156107
THE AMR FOR THIS RIFLE IS: 1.016

11 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649184

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 10

3in = 10

HS= 1.642

VS= 1.702

GS= 1.920

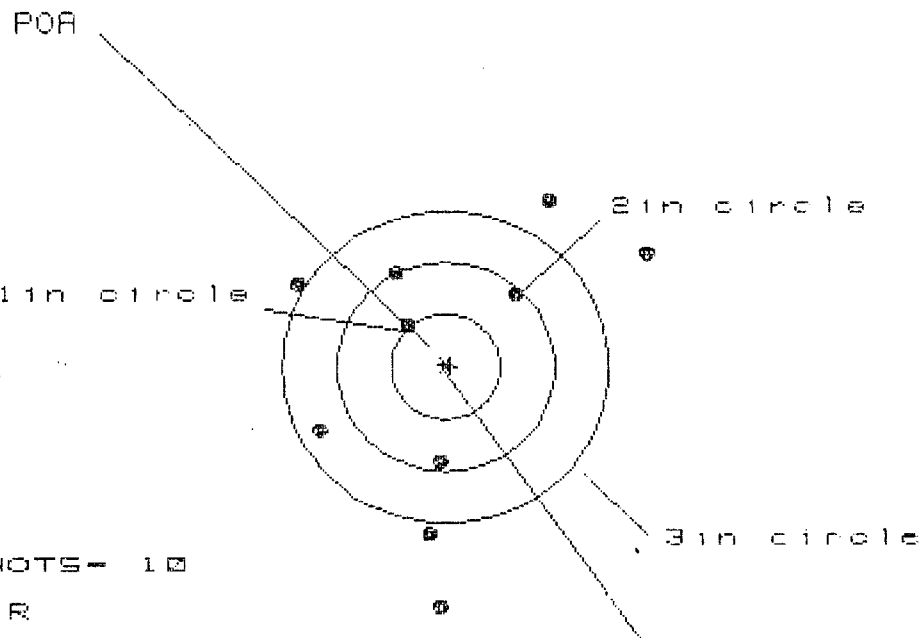
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.742	.422	.320
MINIMUM X	:	-.900	-.818	-.547
MAXIMUM Y	:	.916	.842	.874
MINIMUM Y	:	-.736	-.860	-.828
CENTROID X	:	.079	-.003	.099
CENTROID Y	:	.013	.087	.055
POA TO CENTROID in.	:	.080	.087	.113
MIN RADIUS	:	.378	.350	.331
MEAN RADIUS	:	.659	.616	.574
MAX RADIUS	:	.997	.908	.875
HORIZONTAL SPREAD	:	1.642	1.240	.867
VERTICAL SPREAD	:	1.702	1.702	1.702
EXTREME SPREAD	:	1.920	1.709	1.709
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			10	
NUMBER IN THREE INCH CIRCLE =			10	

11 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649184

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 3.193

VS= 3.911

GS= 4.034

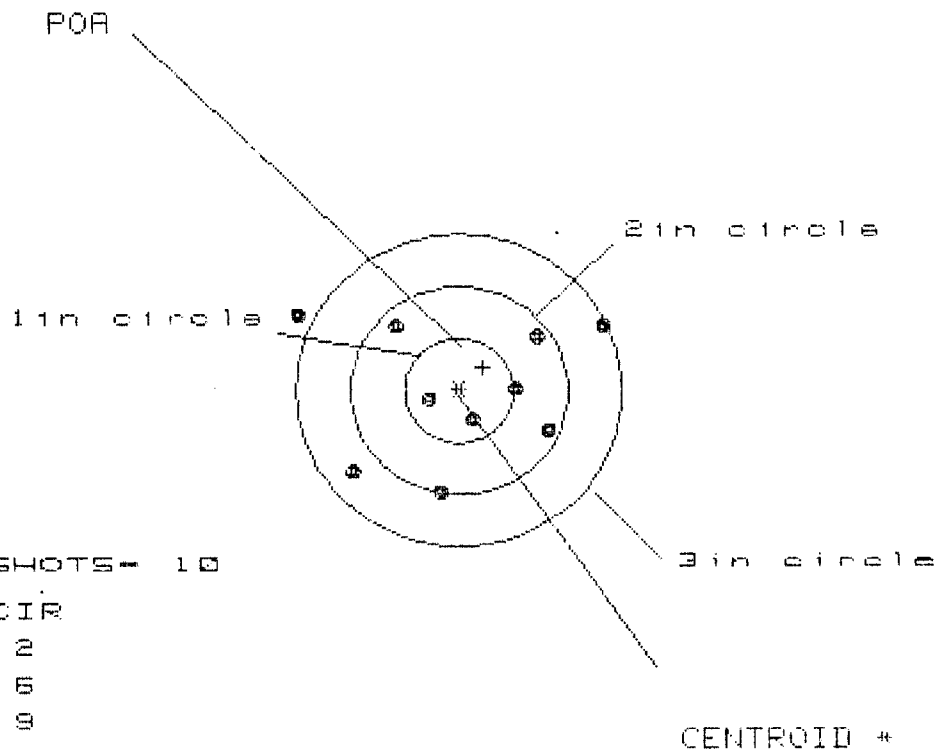
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.887	1.881	1.168
MINIMUM X	:	-1.306	-1.312	-1.076
MAXIMUM Y	:	1.628	1.374	1.477
MINIMUM Y	:	-2.283	-1.813	-1.710
CENTROID X	:	-.045	-.039	-.275
CENTROID Y	:	.003	.257	.154
POA TO CENTROID in.	:	.045	.260	.315
MIN RADIUS	:	.496	.359	.239
MEAN RADIUS	:	1.406	1.274	1.142
MAX RADIUS	:	2.284	2.053	1.883
HORIZONTAL SPREAD	:	3.193	3.193	2.244
VERTICAL SPREAD	:	3.911	3.187	3.187
EXTREME SPREAD	:	4.034	3.453	3.368
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	

1) Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6849164

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.760

VS= 1.763

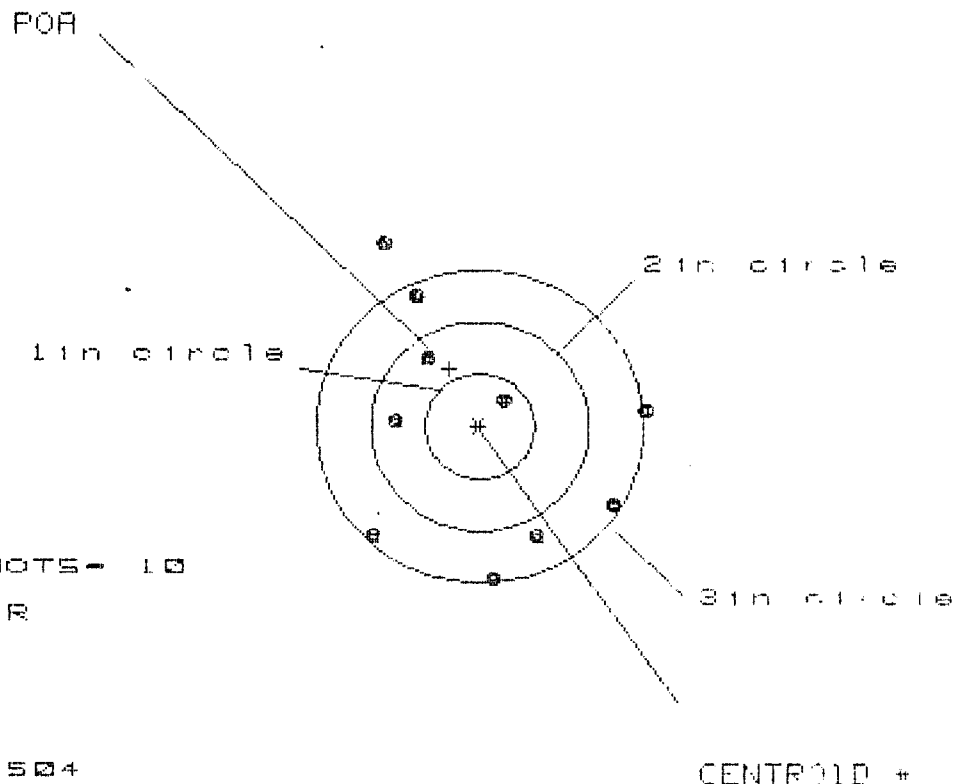
GS= 2.761

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.293	1.130	.749
MINIMUM X	:	-1.467	-1.109	-.968
MAXIMUM Y	:	.740	.734	.825
MINIMUM Y	:	-1.024	-.941	-.850
CENTROID X	:	-.221	-.058	-.199
CENTROID Y	:	-.225	-.307	-.398
POA TO CENTROID in.	:	.315	.312	.445
MIN RADIUS	:	.248	.159	.097
MEAN RADIUS	:	.904	.796	.717
MAX RADIUS	:	1.643	1.346	1.140
HORIZONTAL SPREAD	:	2.760	2.239	1.717
VERTICAL SPREAD	:	1.763	1.675	1.675
EXTREME SPREAD	:	2.761	2.653	2.109
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

11 Dec 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.504

VS= 3.210

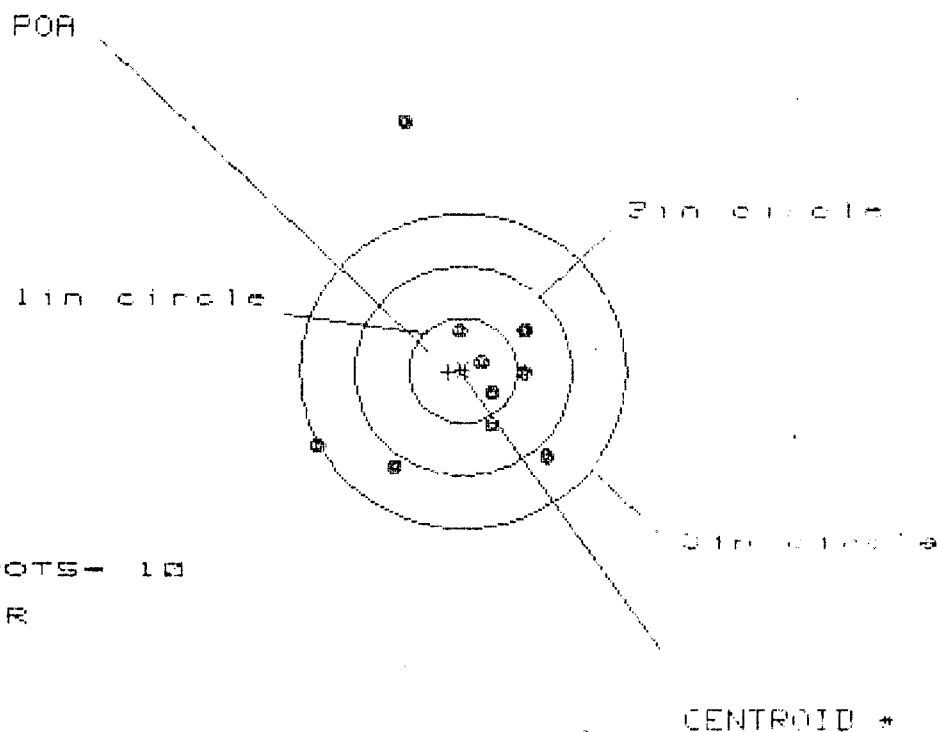
GS= 3.380

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.556	1.456	1.310
MINIMUM X	-0.949	-1.048	-0.866
MAXIMUM Y	1.789	1.448	1.498
MINIMUM Y	-1.421	-1.222	-1.172
CENTROID X	.277	.376	.194
CENTROID Y	-.551	-.750	-.800
POA TO CENTROID in.	.616	.839	.823
MIN RADIUS	.321	.473	.578
MEAN RADIUS	1.225	1.138	1.078
MAX RADIUS	2.001	1.590	1.572
HORIZONTAL SPREAD	2.504	2.504	2.176
VERTICAL SPREAD	3.210	2.670	2.670
EXTREME SPREAD	3.380	2.797	2.766
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

(1 Oct 1991)

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.0000

VS= 3.3000

GS= 3.416

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.781	.719	.549
MINIMUM X	:	-1.299	-1.361	-.913
MAXIMUM Y	:	2.355	.638	.580
MINIMUM Y	:	-.945	-.683	-.741
CENTROID X	:	.133	.195	.365
CENTROID Y	:	.012	-.249	-.191
POA TO CENTROID in.	:	.133	.316	.412
MIN RADIUS	:	.187	.178	.011
MEAN RADIUS	:	.887	.693	.538
MA. RADIUS	:	2.420	1.437	1.175
HORIZONTAL SPREAD	:	2.000	2.000	1.462
VERTICAL SPREAD	:	3.300	1.321	1.321
EXTREME SPREAD	:	3.416	2.119	1.771
POBPER IN ONE INCH CIRCLE	=		3	
POBPER IN TWO INCH CIRCLE	=		6	
POBPER IN THREE INCH CIRCLE	=		9	