

FORM

UPC



0 47700 25716 7

6665961

*INCLUDES 1 IN CHAMBER

CAPACITY*

PANEL LENGTH

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.

C6665961

ORDER NO.

5716

20

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



5716 C6665961

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 #

C6665961

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KA
600	Proof		9/25/91	KA
607	Check Headspace		9/25/91	KA
610	Dis-assemble Gun		9/25/91	KA
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	GB
617	Drill and Tap Sight Holes		OCT 2 1991	KB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10/14/91	KA
	Apply Coating (Bolt)		10/14/91	KA
625	Final Assembly A) Clean inside of Bolt Assembly		10/31/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/31/91	KA
	C) Inspect Ejector Hole for Chamfer		10/31/91	KA
	D) Oil Firing Pin Ass'y		10/31/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		11/1/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-1-91	RU
	G) Safety Off Force	4	4	4			11-1-91	RU
	H) Trigger Pull Test & Retainability						11-1-91	RU
	I) Firing Pin Indent	.021	.0205	.0205			11-1-91	RU
	J) Assemble Stock						11/4/91	RU
	K) Assemble Swivel Studs						11/12/91	D/H
	L) Attach Front and Rear Sight Assemblies						11/4/91	RU
	M) Iron Sight Alignment						11/4/91	RU
	N) Detach Front & Rear Sights & place in numbered container						11/4/91	RU
	O) Attach Scope to Rifle						11/4/91	RU
P) Detach & Attach Scope 20 Times						11/4/91	RU	
640	Gallery Target & Test						11-5-91	D/H
	A) Time						11-5-91	D/H
	B) Malfunctions						11-5-91	D/H
	C) Pierced Primers						11-5-91	D/H
	D) Optical Clarity of Scope						11-5-91	D/H
645	Inspect for Live Ammo						11-5-91	D/H
655	Final Inspection						11-19-91	D/H
	A) Headspace						11-19-91	D/H
	B) Trigger Pull	2.73	2.69	2.74	2.73	2.58	11-13-91	RU
	C) Function						11-19-91	D/H
660	Pack						12-19-91	RU

SWS TRIGGER PULL TEST

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

SERIAL NO. C6665961
DATE 11-1-91
TESTER JL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.40	2.49	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.45	2.55	2.69	
PULL #3	2.41	2.59	2.58	2.74	
PULL #4	2.47	2.56	2.51	2.73	
PULL #5	2.48	2.56	2.50	2.58	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.21		
PULL #2	3.34	3.35		
PULL #3	3.29	3.22		
PULL #4	3.29	3.28		
PULL #5	3.22	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.46		4.57
PULL #2	4.36	4.46		4.51
PULL #3	4.42	4.46		4.21
PULL #4	4.39	4.58		4.46
PULL #5	4.38	4.54		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665961
5 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.183
1 TO	2	.173358
1 TO	3	.300852
1 TO	4	.0643506
1 TO	5	.278756

442 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1144
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.082
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .140753

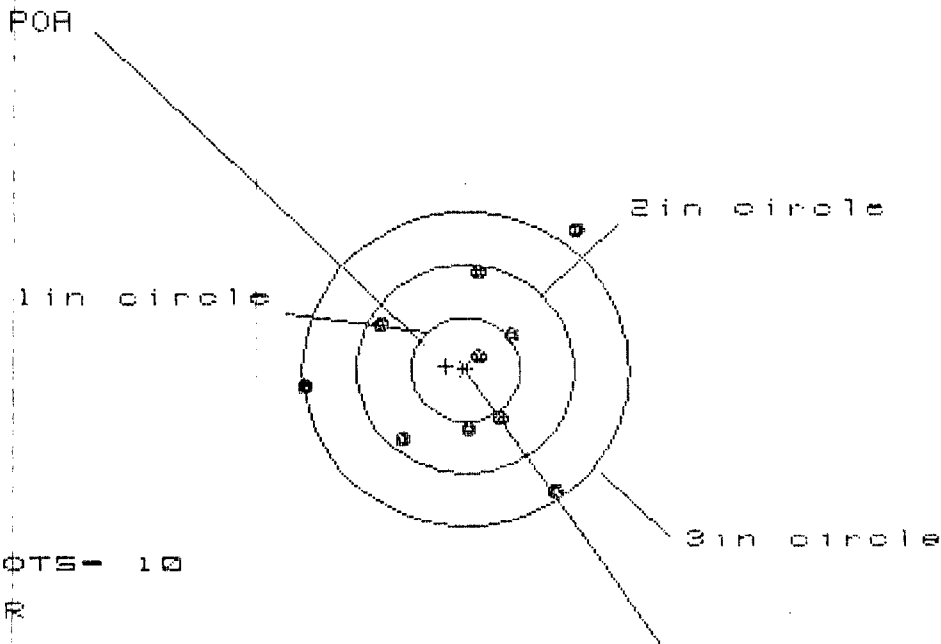
THE AMP FOR THIS RIFLE IS: 1.015



5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6865961

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.415

VS= 2.505

GS= 2.841

CENTROID *

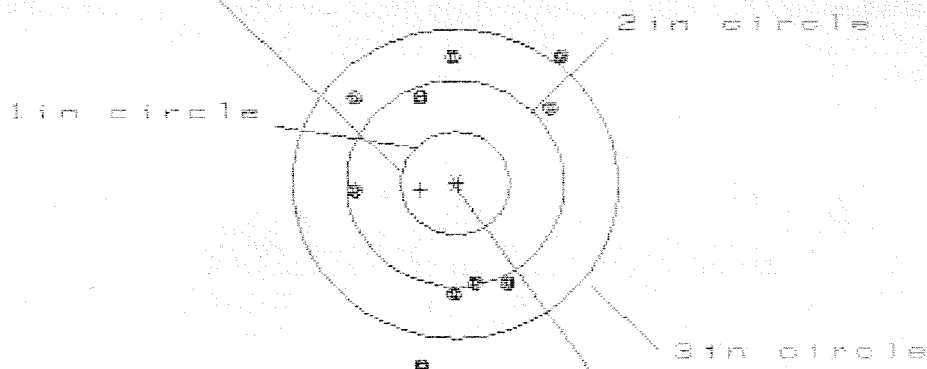
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.978	.894	.728
MINIMUM X	:	+1.437	-1.329	-.805
MAXIMUM Y	:	1.359	1.053	1.055
MINIMUM Y	:	-1.146	-.995	-.993
CENTROID X	:	.180	.072	.238
CENTROID Y	:	-.033	-.184	-.186
POA TO CENTROID in.	:	.183	.198	.302
MIN RADIUS	:	.172	.350	.255
MEAN RADIUS	:	.911	.825	.736
MAX RADIUS	:	1.674	1.338	1.232
HORIZONTAL SPREAD	:	2.415	2.223	1.533
VERTICAL SPREAD	:	2.505	2.048	2.048
EXTREME SPREAD	:	2.841	2.441	2.199
NUMBERS IN ONE INCH CIRCLE	=		1	
NUMBERS IN TWO INCH CIRCLE	=		7	
NUMBERS IN THREE INCH CIRCLE	=		9	

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665961

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS - 10

IN CIR

1in - 0

2in - 3

3in - 8

HS - 1.960

VS - 2.973

GS - 3.207

CENTROID *

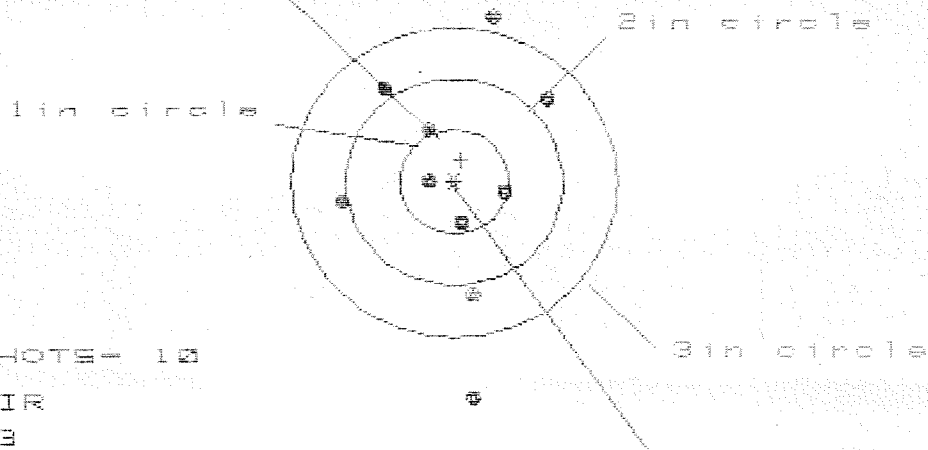
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.007	.976	.974
MINIMUM X	:	-.953	-.984	-.862
MAXIMUM Y	:	1.244	1.051	1.178
MINIMUM Y	:	-1.729	-1.237	-1.109
CENTROID X	:	.323	.354	.232
CENTROID Y	:	.065	.258	.130
POR TO CENTROID in.	:	.329	.438	.266
MIN RADIUS	:	.850	.688	.759
MEAN RADIUS	:	1.182	1.103	1.054
MAX RADIUS	:	1.752	1.409	1.182
HORIZONTAL SPREAD	:	1.960	1.960	1.836
VERTICAL SPREAD	:	2.973	2.288	2.288
EXTREME SPREAD	:	3.207	2.495	2.289
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665961

CENTERFIRE PATTERNS # 3

POB



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 8

HS= 1.930

VS= 3.678

GS= 3.690

CENTROID *

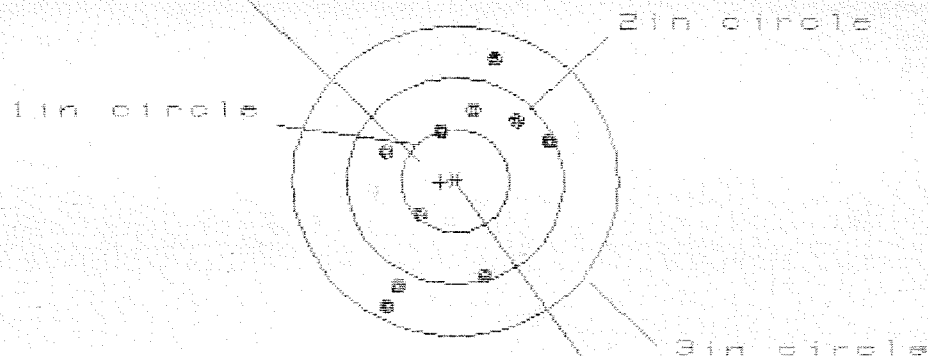
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.898
MINIMUM X	-1.032
MAXIMUM Y	1.601
MINIMUM Y	-2.077
CENTROID X	-.064
CENTROID Y	-.209
POB TO CENTROID in.	.218
MIN RADIUS	.201
MEAN RADIUS	.990
MAX RADIUS	2.081
HORIZONTAL SPREAD	1.930
VERTICAL SPREAD	3.678
EXTREME SPREAD	3.690
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

5 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8885961

CENTERFIRE PATTERNS # 4

POB



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.565

VS= 2.387

GS= 2.586

CENTROID #

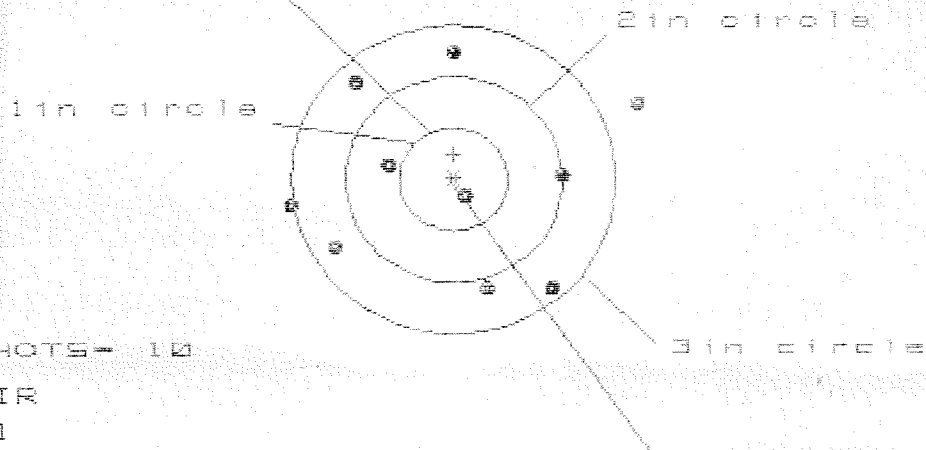
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.893	.822	.857
MINIMUM X	:	-.672	-.743	-.708
MAXIMUM Y	:	1.145	1.007	.633
MINIMUM Y	:	-1.242	-1.104	-.978
CENTROID X	:	.134	.205	.169
CENTROID Y	:	.012	.150	.024
POB TO CENTROID in.	:	.135	.254	.171
MIN RADIUS	:	.422	.370	.456
MEAN RADIUS	:	.870	.788	.763
MAX RADIUS	:	1.396	1.267	1.140
HORIZONTAL SPREAD	:	1.565	1.565	1.565
VERTICAL SPREAD	:	2.387	2.111	1.611
EXTREME SPREAD	:	2.586	2.298	1.964
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8885361

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 2

3in = 9

HS= 3.127

VS= 2.266

GS= 3.305

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.662	1.227	1.067
MINIMUM X	:	-1.465	-1.281	-1.029
MAXIMUM Y	:	1.211	1.298	1.273
MINIMUM Y	:	-1.055	-.968	-.993
CENTROID X	:	-.001	-.185	-.025
CENTROID Y	:	-.245	-.332	-.307
POA TO CENTROID in.	:	.245	.380	.308
MIN RADIUS	:	.159	.292	.142
MEAN RADIUS	:	1.126	1.034	.986
MAX RADIUS	:	1.838	1.407	1.312
HORIZONTAL SPREAD	:	3.127	2.588	2.895
VERTICAL SPREAD	:	2.266	2.266	2.266
EXTREME SPREAD	:	3.305	2.582	2.582
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			2	
NUMBER IN THREE INCH CIRCLE =			9	