

C5649099

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Call
1-800-875-8111

Remington
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6649099

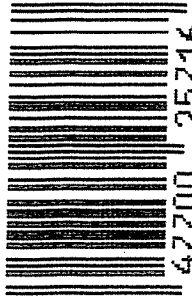
ORDER NO.
5716

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



5716 C6649099

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GFM

GUN SERIAL #

C6649099

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	8/2/91	YH
600	Proof		8/2/91	YH
607	Check Headspace		8/2/91	YH
610	Dis-assemble Gun		8/2/91	YH
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	GB
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		2-77-91	YH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/5/91	YH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/5/91	YH
	C) Inspect Ejector Hole for Chamfer		9/5/91	YH
	D) Oil Firing Pin Ass'y		9/5/91	YH
	E) Adjust Trigger Pull to Min Setting and Stake		9/6/91	YH

op. #	BARBER, M24 0031649 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5 3/4	5 1/2			9-7-91	DH
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			9-7-91	DH
	H) Trigger Pull Test & Retainability						9-6-91	JK
	I) Firing Pin Indent	.020.	.020	.020			9-7-91	DH
	J) Assemble Stock						9/9/91	JK
	K) Assemble Swivel Studs						9-13-91	DH
	L) Attach Front and Rear Sight Assemblies						9/9/91	JK
	M) Iron Sight Alignment						9/9/91	JK
	N) Detach Front & Rear Sights & place in numbered container						9/9/91	JK
	O) Attach Scope to Rifle						9/9/91	JK
	P) Detach & Attach Scope 20 Times						9/9/91	JK
640	Gallery Target & Test						9-10-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						9-10-91	NF
655	Final Inspection A) Headspace						9-13-91	AC
	B) Trigger Pull	2.70	2.69	2.66	2.66	2.69	9/12/91	JK
	C) Function						9-13-91	AC
660	Pack						9-17-91	DH

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

SERIAL NO. C6649099DATE 9/6/91TESTER JJP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.30	2.22	2.70	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.26	2.25	2.69	
PULL #3	2.29	2.25	2.35	2.66	
PULL #4	2.36	2.32	2.40	2.66	
PULL #5	2.29	2.25	2.32	2.69	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.57		
PULL #2	3.27	3.41		
PULL #3	3.20	3.37		
PULL #4	3.30	3.53		
PULL #5	3.23	3.66		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.26		4.53
PULL #2	4.15	4.38		4.51
PULL #3	4.21	4.44		4.43
PULL #4	4.55	4.50		4.20
PULL #5	4.56	4.38		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349099
11 Sep 1991

CENTROIDAL DISTANCES

0	TO	1	.260409
1	TO	2	.617278
1	TO	3	.224611
1	TO	4	.261773
1	TO	5	.193259

10 **(---) PDR**

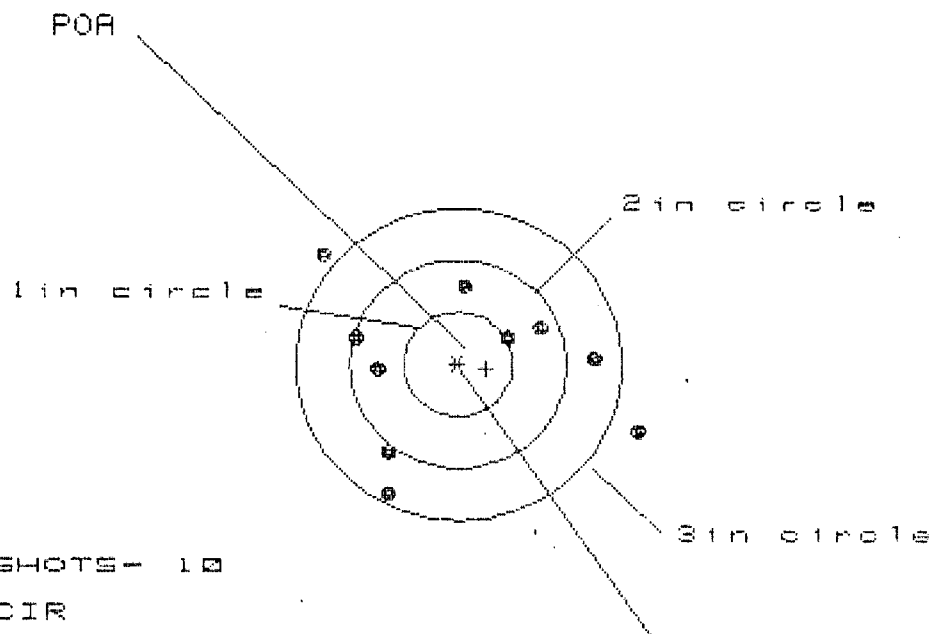
1. PRINCIPLE OF THIS RIFLE IS: -.0106
 2. PRINCIPLE OF THIS RIFLE IS: .048
 3. PRINCIPLE OF THIS RIFLE IS: .049155

1. *Chlorophyll a* (Chl *a*)

931

FILE:/PATTERNING/CENTERFIRE_PATT/C6649099

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 2

HS= 2.864

VS= 2.244

GS= 3.313

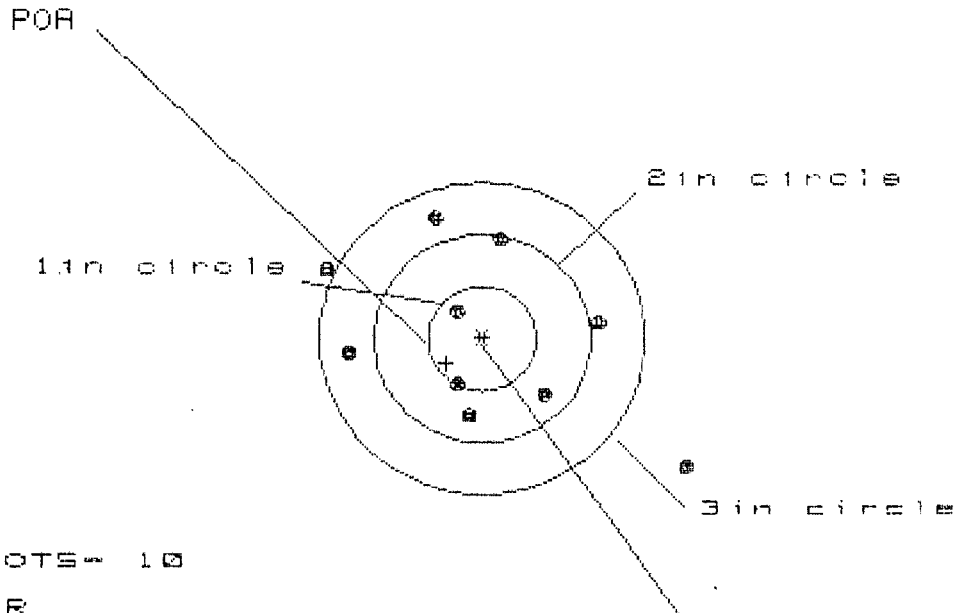
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.609	1.462	1.327
MINIMUM X	-1.255	-1.076	-.927
MAXIMUM Y	1.041	.971	.767
MINIMUM Y	-1.203	-1.273	-1.151
CENTROID X	-.257	-.436	-.301
CENTROID Y	.042	.112	-.010
50% TO CENTROID in.	.260	.450	.301
MID RADIUS	.574	.614	.639
1 IN RADIUS	1.095	1.007	.952
2 IN RADIUS	1.726	1.462	1.332
INITIAL SPREAD	2.864	2.538	2.254
SPREAD	2.244	2.244	1.919
EXTREME SPREAD	3.313	2.719	2.266
SHOTS IN ONE INCH CIRCLE	=	0	
SHOTS IN TWO INCH CIRCLE	=	5	
SHOTS IN THREE INCH CIRCLE	=	8	

11 Sep 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 3.282

VS = 2.329

GS = 3.753

CENTROID *

PATTERN #	12	13	14
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.880	1.301	1.152
MINIMUM X	-1.402	-1.193	-1.211
MAXIMUM Y	1.128	.994	1.055
MINIMUM Y	-1.201	-.918	-.857
CENTROID X	.329	.120	.269
CENTROID Y	.236	.370	.309
POR TO CENTROID in.	.405	.389	.410
MIN RADIUS	.355	.128	.261
MEAN RADIUS	1.072	.915	.865
MAX RADIUS	2.231	1.301	1.233
HORIZONTAL SPREAD	3.282	2.494	2.363
VERTICAL SPREAD	2.329	1.912	1.912
EXTREME SPREAD	3.753	2.541	2.381
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

11 Sep 1991

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 6

3in = 9

HS = 3.045

VS = 2.091

GS = 3.055

CENTROID *

PATTERN #	:	37		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.364	1.177	.849
MINIMUM X	:	-1.681	-1.101	-.954
MAXIMUM Y	:	1.093	1.097	1.072
MINIMUM Y	:	-.998	-.994	-1.019
CENTROID X	:	-.042	.145	-.002
CENTROID Y	:	-.023	-.027	-.002
POA TO CENTROID in.	:	.047	.148	.003
MIN RADIUS	:	.465	.358	.455
MEAN RADIUS	:	1.016	.925	.886
MAX RADIUS	:	1.682	1.194	1.145
HORIZONTAL SPREAD	:	3.045	2.278	1.803
VERTICAL SPREAD	:	2.091	2.091	2.091
EXTREME SPREAD	:	3.055	2.341	2.107
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649089

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.058

VS= 2.692

GS= 2.699

PATTERN #

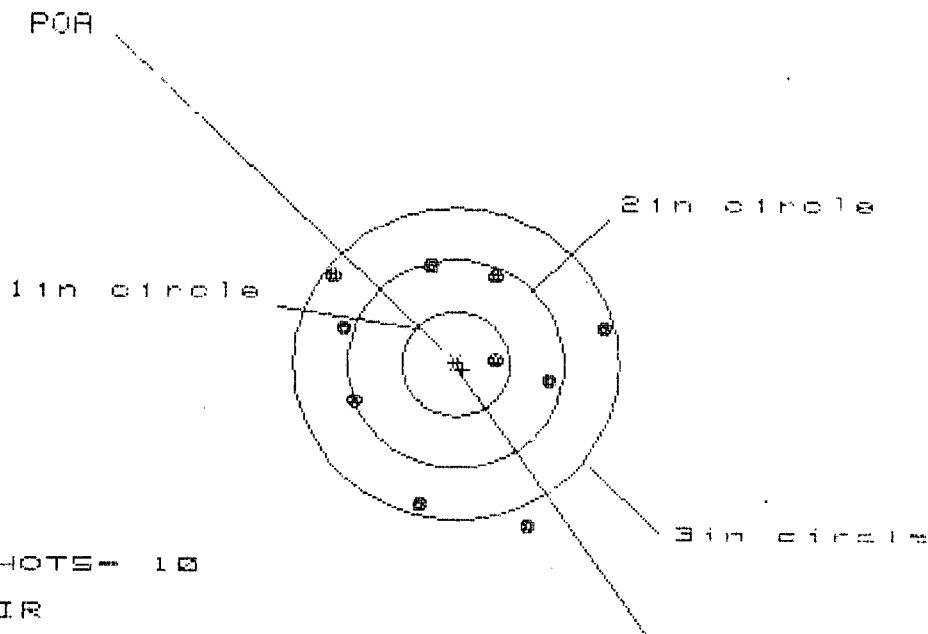
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.041	1.070	1.131
MINIMUM X	-1.017	-.988	-.927
MAXIMUM Y	1.251	1.091	.830
MINIMUM Y	-1.441	-1.265	-1.129
CENTROID X	-.019	-.048	-.109
CENTROID Y	-.067	.093	-.043
POA TO CENTROID in.	.070	.105	.117
MIN RADIUS	.324	.277	.384
MEAN RADIUS	.970	.892	.857
MAX RADIUS	1.465	1.447	1.363
HORIZONTAL SPREAD	2.058	2.058	2.058
VERTICAL SPREAD	2.692	2.356	1.959
EXTREME SPREAD	2.699	2.588	2.588
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

Sep 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C6649093

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.449

VS= 2.472

GS= 2.990

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.329	1.406	1.276
MINIMUM X	-1.119	-1.043	-1.134
MAXIMUM Y	.924	.752	.834
MINIMUM Y	-1.548	-1.483	-1.401
CENTROID X	-.064	-.140	-.010
CENTROID Y	.052	.224	.142
POA TO CENTROID in.	.082	.265	.142
MIN RADIUS	.365	.449	.307
MEAN RADIUS	1.104	1.019	.978
MAX RADIUS	1.695	1.505	1.453
HORIZONTAL SPREAD	2.449	2.449	2.410
VERTICAL SPREAD	2.472	2.235	2.235
EXTREME SPREAD	2.990	2.506	2.410
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		