

MODEL 700™ M24

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington






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

MODEL 700™

H24

SERIAL NO.

C6636064

ORDER NO.

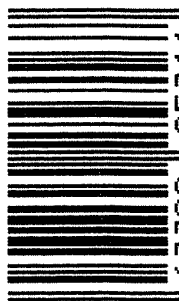
5716

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



5716 C6636064

UPC



0 47700 25716 7

MOD.		GA. CAL.	GUN #
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
KT	1st	2nd Rd. Hanger up in Magazine	KS
	5/3/41		
	2nd	adjusted mag box	KS
	4/4/41		
	3rd	test OK G-591 DH	
	4th		

FUNCTION
RD 6654
Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6636064

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/9/91	KS
600	Proof		4/9/91	KS
607	Check Headspace		4/9/91	KS
610	Dis-assemble Gun		4/9/91	KS
612	Magnaflux Barrel Action		4/6/91	KR
	Magnaflux Bolt		APR 19 1991	11
615	Rollmark Caliber		APR 19 1991	JS
617	Drill and Tap Sight Holes		APR 19 1991	FB
618	Polish Barrel		APR 19 1991	WB
620	Apply Coatings (Barrel Action)		5-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/28/91	
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/28/91	
	C) Inspect Ejector Hole for Chamfer		5/28/91	
	D) Oil Firing Pin Ass'y		5/28/91	
	E) Adjust Trigger Pull to Min Setting and Stake		6/29/91	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/29/91	JK
	G) Safety Off Force	3	3	3			5/29/91	JK
	H) Trigger Pull Test & Retainability						5/29/91	JK
	I) Firing Pin Indent	.0225	.022	.022			5/29/91	JK
	J) Assemble Stock						5/29/91	KS
	K) Assemble Swivel Studs						6-8-91	D/H
	L) Attach Front and Rear Sight Assemblies						5/29/91	KS
	M) Iron Sight Alignment						5/29/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/29/91	KS
	O) Attach Scope to Rifle						5/29/91	KS
	P) Detach & Attach Scope 20 Times						5/29/91	KS
640	Gallery Target & Test						5/31/91	KF
	A) Time							KF
	B) Malfunctions							KF
	C) Pierced Primers							KF
	D) Optical Clarity of Scope							KF
645	Inspect for Live Ammo						5/31/91	KF
655	Final Inspection							
	A) Headspace						6-8-91	D/H
	B) Trigger Pull	2.47	2.45	2.25	2.39	2.37	6-8-91	JK
	C) Function						6-8-91	D/H
660	Pack						6-20-91	JK

SWS TRIGGER PULL TEST

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

SERIAL NO. C6636064

DATE 5/29/91

TESTER JZ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.47	2.50	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.20	2.43	2.46	2.45	
PULL #3	2.39	2.48	2.51	2.25	
PULL #4	2.44	2.44	2.43	2.39	
PULL #5	2.43	2.47	2.45	2.37	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.52	3.54		
PULL #2	3.48	3.59		
PULL #3	3.52	3.57		
PULL #4	3.52	3.26		
PULL #5	3.53	3.61		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.42		4.48
PULL #2	4.38	4.47		4.55
PULL #3	4.34	4.11		4.55
PULL #4	4.40	4.48		4.52
PULL #5	4.46	4.48		4.58
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636064
1 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.1114
1 TO	2	.656938
1 TO	3	.27195
1 TO	4	.354227
1 TO	5	.171814

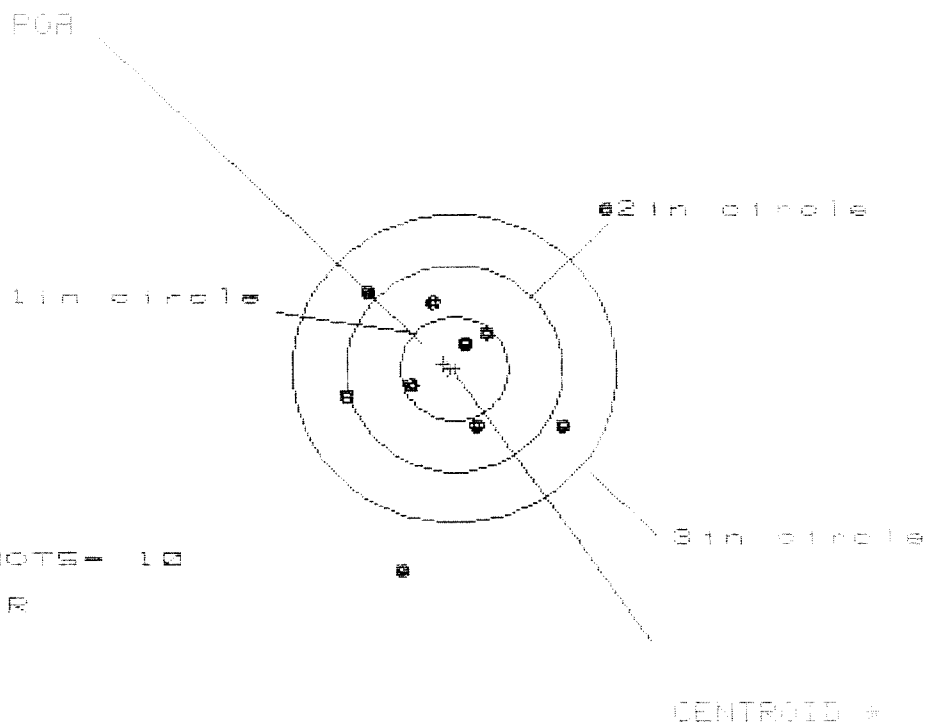
4 5 2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1708
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0972
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .196521
THE AMR FOR THIS RIFLE IS: .9478

(95)

FILE:/PATTERNING/CENTERFIRE_PATT/08636064

CENTERFIRE PATTERNS # 1



OF SHOTS- 10
IN CIR
1in = 3
2in = 5
3in = 8
HS- 2.412
VS- 3.520
GS- 4.041

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.441	1.162	1.114
MINIMUM X	-.971	-.811	-.859
MAXIMUM Y	1.531	.926	.698
MINIMUM Y	-1.989	-1.819	-1.636
CENTROID X	.101	-.059	-.011
CENTROID Y	-.047	-.217	.011
POA TO CENTROID in.	.111	.235	.016
MIN RADIUS	.264	.281	.275
MEAN RADIUS	.987	.869	.702
MAX RADIUS	2.102	1.859	1.249
HORIZONTAL SPREAD	2.412	1.973	1.973
VERTICAL SPREAD	3.520	2.745	1.334
EXTREME SPREAD	4.041	2.760	2.323
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

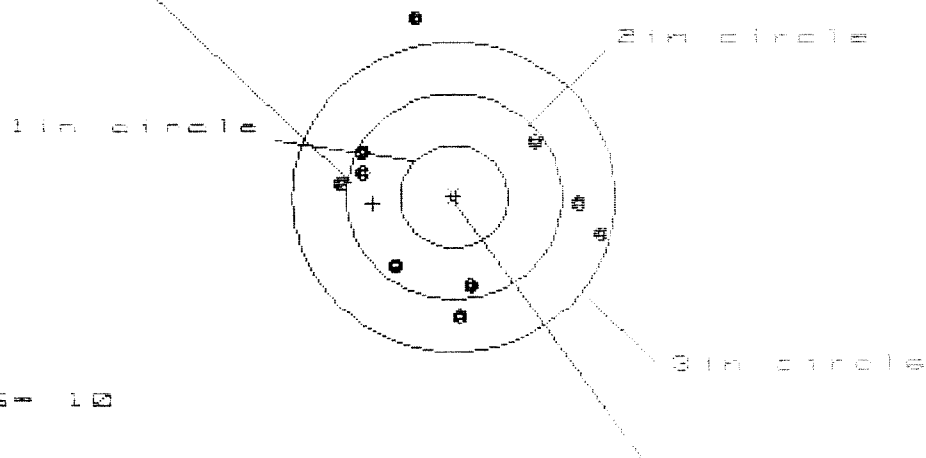
JAN 1991

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CENTERFIRE PATTERNS

2

POB



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 0

HS= 2.424

VS= 2.880

GS= 2.900

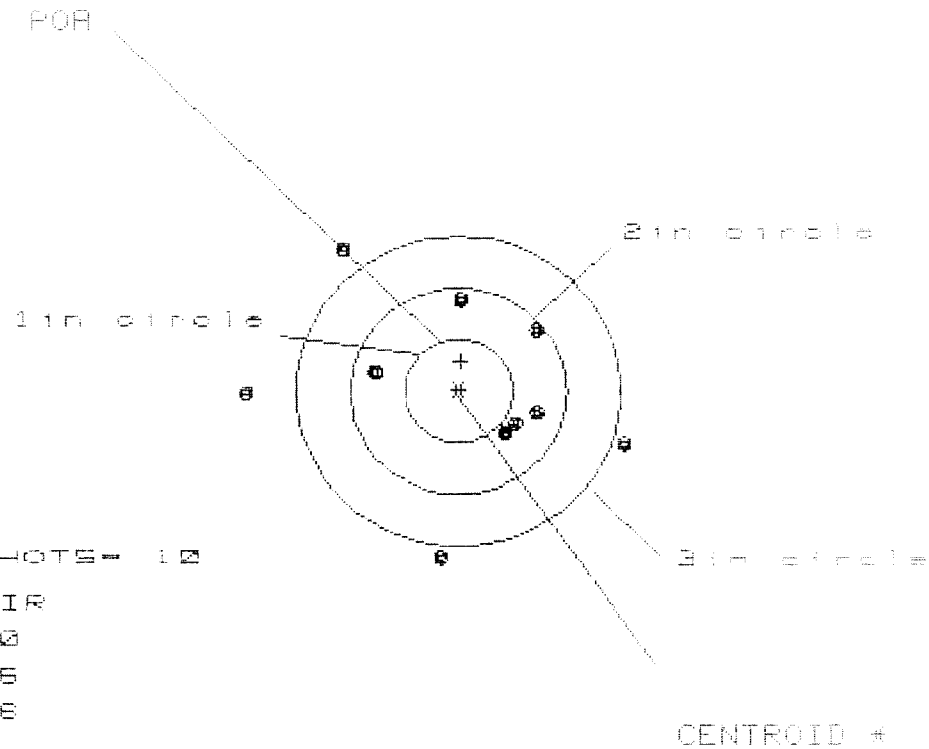
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.380	1.343	1.269
MINIMUM X	:	-1.044	-1.081	-0.913
MAXIMUM Y	:	1.735	.766	.744
MINIMUM Y	:	-1.145	-.953	-.975
CENTROID X	:	.749	.786	.618
CENTROID Y	:	.061	-.131	-.109
POB TO CENTROID in.	:	.751	.797	.628
MIN RADIUS	:	.838	.696	.648
MEAN RADIUS	:	1.103	1.007	.941
MAX RADIUS	:	1.767	1.355	1.275
HORIZONTAL SPREAD	:	2.424	2.424	2.182
VERTICAL SPREAD	:	2.880	1.719	1.719
EXTREME SPREAD	:	2.900	2.486	2.193
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Jun 1981

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 6

HS= 3.590

VS= 3.011

GS= 3.633

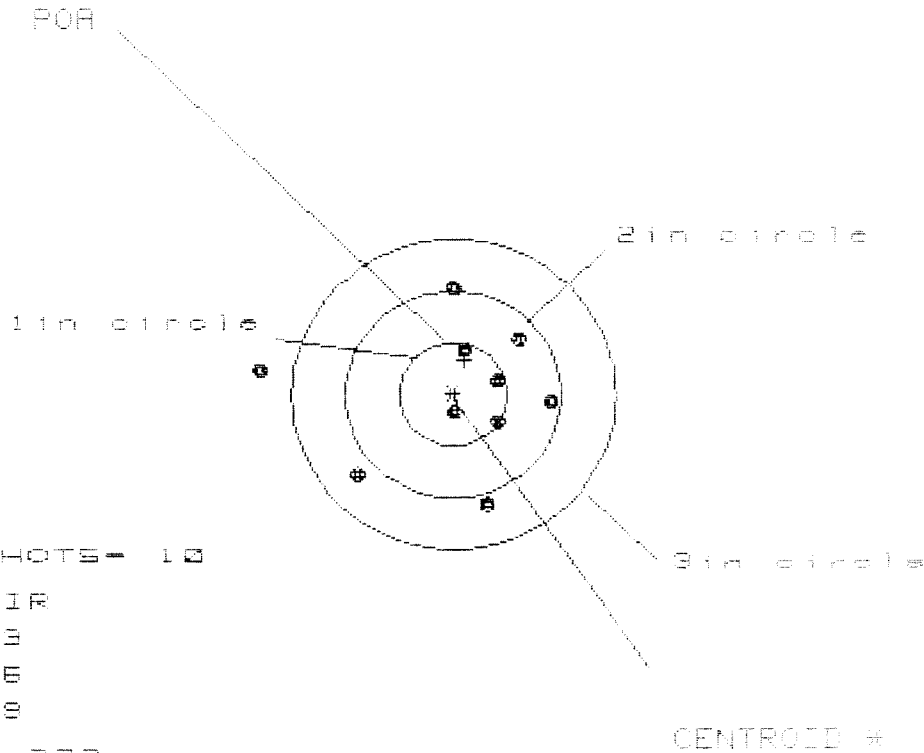
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.575
MINIMUM X	-2.015
MAXIMUM Y	1.360
MINIMUM Y	-1.651
CENTROID X	-.025
CENTROID Y	-.288
POA TO CENTROID in.	.290
MIN RADIUS	.561
MEAN RADIUS	1.166
MAX RADIUS	2.016
HORIZONTAL SPREAD	3.590
VERTICAL SPREAD	3.011
EXTREME SPREAD	3.633
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	6

1 Jun 1991

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.722

VS= 2.036

ES= 2.737

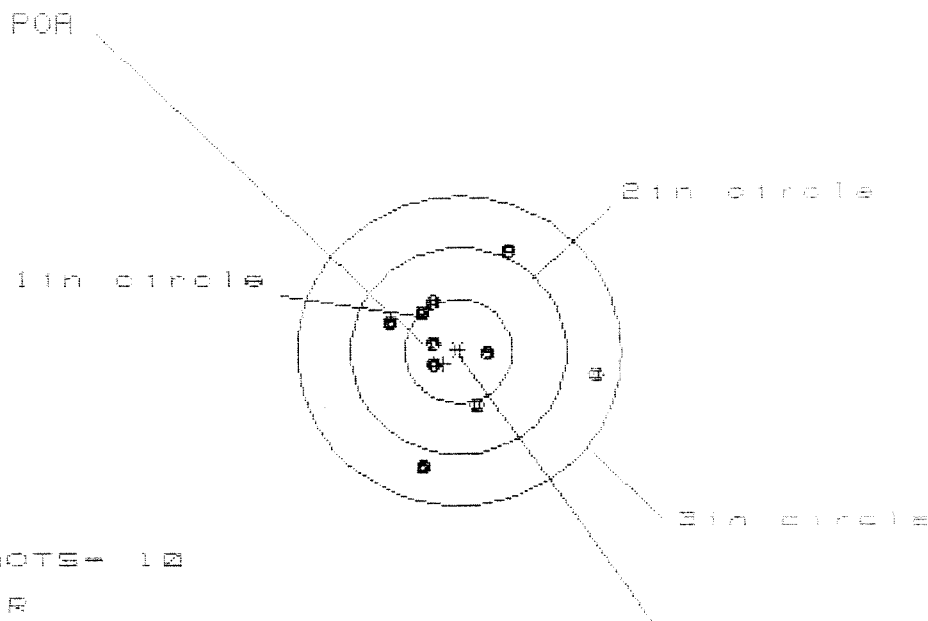
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.895	.692	.554
MINIMUM X	-1.827	-1.104	-.309
MAXIMUM Y	1.015	1.040	.947
MINIMUM Y	-1.021	-.996	-1.039
CENTROID X	-.108	.095	.233
CENTROID Y	-.333	-.358	-.265
POA TO CENTROID in.	.350	.370	.353
MIN RADIUS	.216	.214	.048
MEAN RADIUS	.838	.673	.558
MAX RADIUS	1.841	1.329	1.090
HORIZONTAL SPREAD	2.722	1.796	.863
VERTICAL SPREAD	2.036	2.036	2.036
EXTREME SPREAD	2.737	2.051	2.051
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

1 Jun 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 5

2in = 7

3in = 10

HS= 1.883

VS= 2.059

GS= 2.205

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.226	.502	.556
MINIMUM X	-.657	-.521	-.547
MAXIMUM Y	.976	.947	.808
MINIMUM Y	-1.083	-1.112	-1.717
CENTROID X	.137	.091	.027
CENTROID Y	.121	.150	.239
POA TO CENTROID in.	.183	.150	.290
MIN RADIUS	.218	.151	.213
MEAN RADIUS	.645	.544	.468
MAX RADIUS	1.253	1.131	.981
HORIZONTAL SPREAD	1.883	1.103	1.103
VERTICAL SPREAD	2.059	2.059	1.525
EXTREME SPREAD	2.205	2.205	1.549
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		