

C6636013

MODEL 700™ M24

Model SMS™

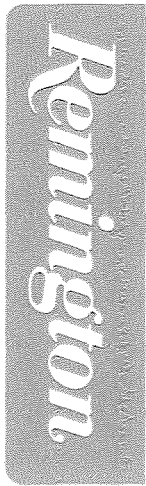
Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.



Remington[®]

MODEL 700[™] H24

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

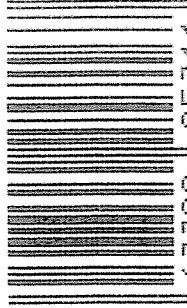
DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6636013

ORDER NO.
5716

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

UPC



0 47700 25716 7



5716 C6636013

MOD.		GA. CAL.	GUN #
		C6636913	
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
	6-29/04	Bolt handle hits stock	KS
	2nd		
	4/7/91	Repaired	KS
	3rd		
	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 6636013

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/1/91	KS
600	Proof		5/1/91	KS
607	Check Headspace		5/1/91	KS
610	Dis-assemble Gun		5/1/91	KS
612	Magnaflux Barrel Action	5 8 9 1		KKK
	Magnaflux Bolt	5 8 9 1		KKK
615	Rollmark Caliber			68
617	Drill and Tap Sight Holes	5	15 9	1-43
618	Polish Barrel		15 9	1000
620	Apply Coatings (Barrel Action)		5-31-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/5/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/5/91	KS
	C) Inspect Ejector Hole for Chamfer		6/5/91	KS
	D) Oil Firing Pin Ass'y		6/5/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6-6-91	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			6-6-91	JH
	G) Safety Off Force	4	4	4			6-6-91	JH
	H) Trigger Pull Test & Retainability						6-6-91	JH
	I) Firing Pin Indent	.020	.0205	.0205			6-6-91	JH
	J) Assemble Stock						6-6-91	K5
	K) Assemble Swivel Studs						6-13-91	A
	L) Attach Front and Rear Sight Assemblies						4/4/91	K5
	M) Iron Sight Alignment						4/4/91	K5
	N) Detach Front & Rear Sights & place in numbered container						4/4/91	K5
	O) Attach Scope to Rifle						4/4/91	K5
	P) Detach & Attach Scope 20 Times						4/6/91	K5
640	Gallery Target & Test						6-7-91	DH
	A) Time						6-7-91	DH
	B) Malfunctions						6-7-91	DH
	C) Pierced Primers						6-7-91	DH
	D) Optical Clarity of Scope						6-7-91	DH
645	Inspect for Live Ammo						6-7-91	DH
655	Final Inspection							
	A) Headspace						6-13-91	A
	B) Trigger Pull	2.42	2.37	2.42	2.40	2.46	6-13-91	JH
	C) Function						6-13-91	A
660	Pack						6-19-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6636013

DATE 6-6-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.38	2.22	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.22	2.32	2.37	
PULL #3	2.45	2.36	2.38	2.42	
PULL #4	2.48	2.31	2.28	2.40	
PULL #5	2.22	2.29	2.32	2.46	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.45		
PULL #2	3.44	3.48		
PULL #3	3.32	3.46		
PULL #4	3.20	3.40		
PULL #5	3.49	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.55		4.32
PULL #2	4.45	4.20		4.40
PULL #3	4.28	4.36		4.52
PULL #4	4.56	4.40		4.48
PULL #5	4.56	4.21		4.17
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636013
7 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.405317
1 TO	2	.601722
1 TO	3	.847143
1 TO	4	.837741
1 TO	5	.437156

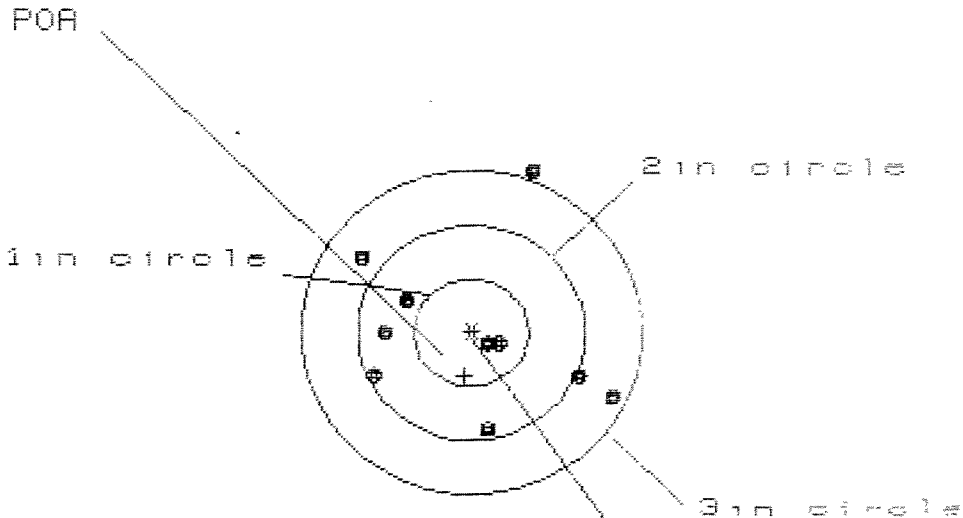
$$\begin{array}{c} 1 \\ 2 + 5 \\ 3 \quad 4 \end{array} \quad \text{<----FOR}$$

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0888
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0128
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0897178
 THE AMR FOR THIS RIFLE IS: .957

7 Jun 1991

FILE://PATTERNING/CENTERFIRE_PATT/CBS3B013

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in - 9

HS- 2.208

VS- 2.372

GS- 2.612

CENTROID #

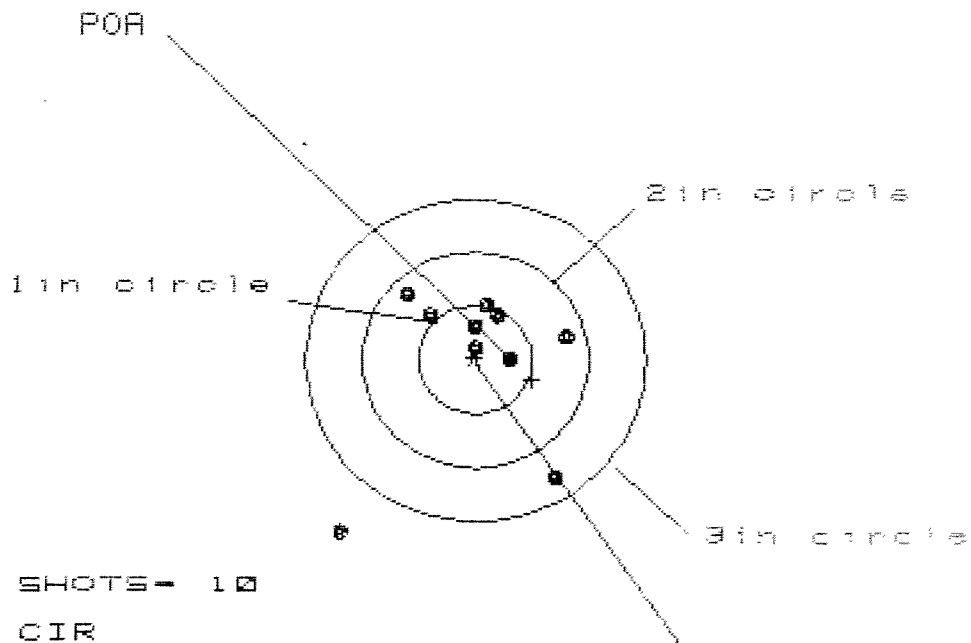
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.226	1.277	1.264
MINIMUM X	-.988	-.931	-.772
MAXIMUM Y	1.478	.911	.850
MINIMUM Y	-.894	-.729	-.790
CENTROID X	.059	.002	-.157
CENTROID Y	.401	.236	.297
POA TO CENTROID in.	.405	.236	.336
MIN RADIUS	.154	.161	.315
MEAN RADIUS	.892	.802	.729
MAX RADIUS	1.564	1.366	1.252
HORIZONTAL SPREAD	2.208	2.208	1.976
VERTICAL SPREAD	2.372	1.640	1.640
EXTREME SPREAD	2.612	2.612	2.307
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8835013

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in - 4

2in - 8

3in = 9

HS= 1.959

VS= 2.192

GS= 2.678

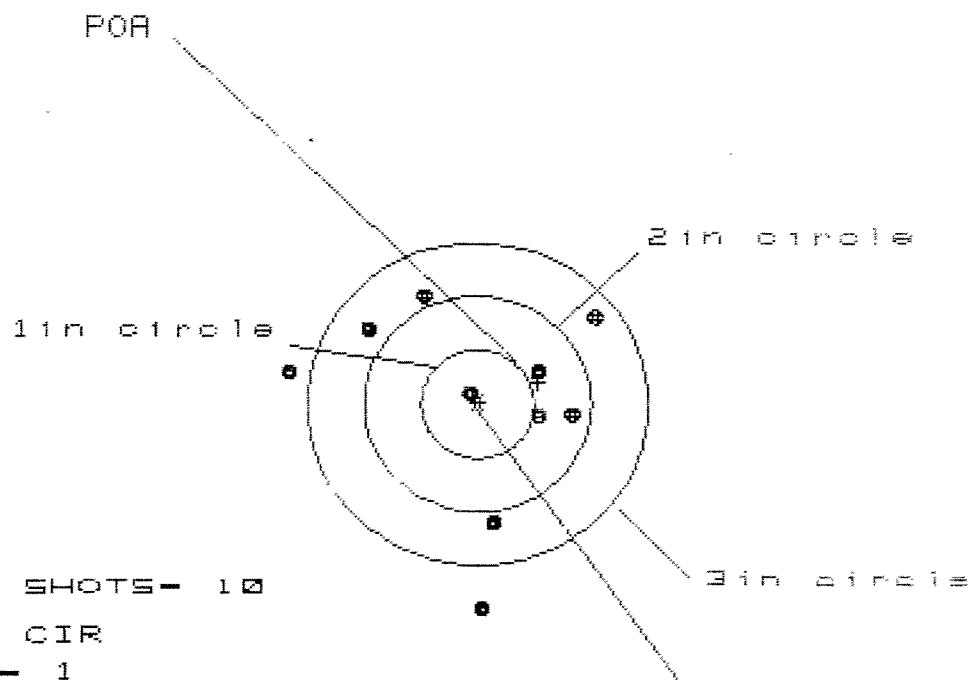
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.807	.679	.757
MINIMUM X	:	-1.152	-.732	-.654
MAXIMUM Y	:	.587	.409	.257
MINIMUM Y	:	-1.605	-1.215	-.279
CENTROID X	:	-.503	-.375	-.453
CENTROID Y	:	.186	.364	.516
POA TO CENTROID in.	:	.536	.523	.696
MIN RADIUS	:	.113	.135	.067
MEAN RADIUS	:	.721	.508	.358
MAX RADIUS	:	1.976	1.366	.765
HORIZONTAL SPREAD	:	1.959	1.411	1.411
VERTICAL SPREAD	:	2.192	1.624	.536
EXTREME SPREAD	:	2.678	2.116	1.458
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8638913

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in = 5

HS- 2.694

VS= 2.842

GS= 2.879

CENTROID *

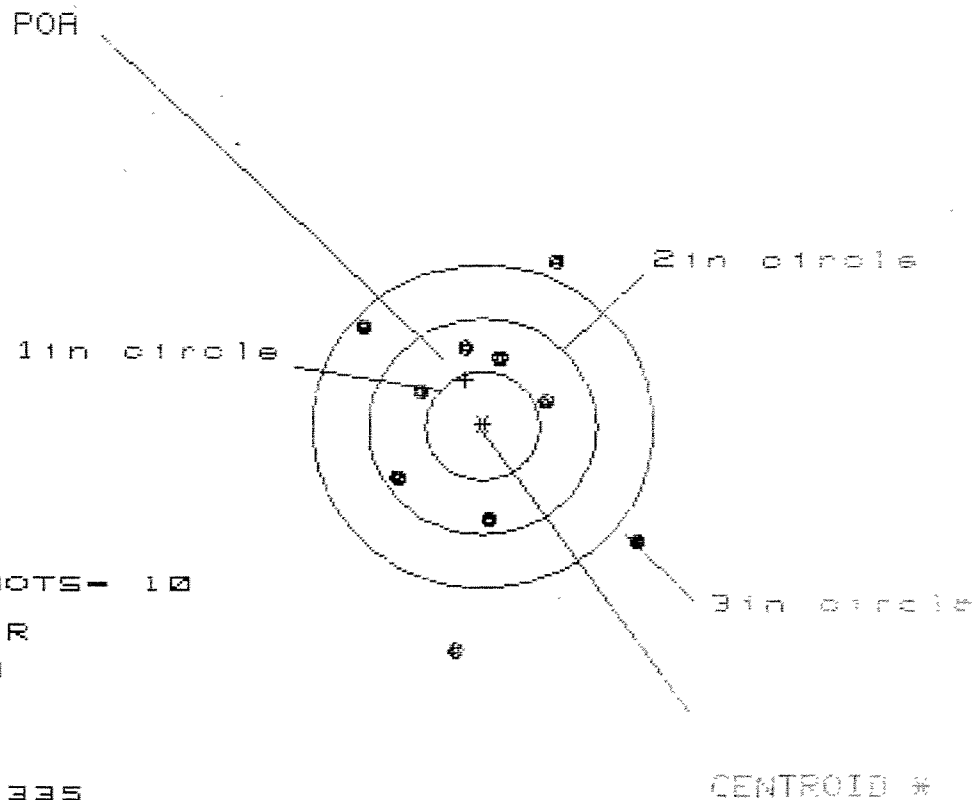
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.067	1.071	.868
MINIMUM X	:	-1.627	-1.623	-1.180
MAXIMUM Y	:	.969	.760	.774
MINIMUM Y	:	-1.873	-1.338	-1.324
CENTROID X	:	-.535	-.539	-.336
CENTROID Y	:	-.203	.006	-.038
POA TO CENTROID in.	:	.572	.539	.336
MIN RADIUS	:	.124	.111	.268
MEAN RADIUS	:	1.030	.916	.792
MAX RADIUS	:	1.874	1.627	1.325
HORIZONTAL SPREAD	:	2.694	2.694	2.049
VERTICAL SPREAD	:	2.842	2.098	2.098
EXTREME SPREAD	:	2.879	2.737	2.172
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8836013

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 6

3 in - 7

HS- 2.335

VS- 3.689

GS- 3.785

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.310	1.284	1.359
MINIMUM X	-1.025	-1.051	-0.976
MAXIMUM Y	1.581	1.347	0.869
MINIMUM Y	-2.107	-1.258	-1.089
CENTROID X	.148	.174	.099
CENTROID Y	-.432	-.198	-.367
POA TO CENTROID in.	.457	.264	.380
MIN RADIUS	.543	.461	.524
MEAN RADIUS	1.124	.971	.915
MAX RADIUS	2.120	1.798	1.742
HORIZONTAL SPREAD	2.335	2.335	2.335
VERTICAL SPREAD	3.689	2.605	1.952
EXTREME SPREAD	3.785	3.047	3.047
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636013

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in - 2

2 in - 6

3 in = 8

HS- 1.788

VS= 3.815

GS= 3.815

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.897	.996	1.116
MINIMUM X	:	-.891	-.792	-.672
MAXIMUM Y	:	2.081	1.688	1.500
MINIMUM Y	:	-1.734	-1.503	-.955
CENTROID X	:	.387	.288	.168
CENTROID Y	:	.112	-.119	.068
POA TO CENTROID in.	:	.403	.312	.182
MIN RADIUS	:	.135	.119	.103
MEAN RADIUS	:	1.018	.844	.683
MAX RADIUS	:	2.265	1.783	1.504
HORIZONTAL SPREAD	:	1.788	1.788	1.788
VERTICAL SPREAD	:	3.815	3.191	2.455
EXTREME SPREAD	:	3.815	3.337	2.574
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	