

C6636026

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington®

MODEL 700™ H24

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

UPPONT

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

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

SERIAL NO.
C6636026

ORDER NO.
5716

UPC

0 47700 25716 7

5716 C6636026

MOD.		GA. CAL.	GUN #
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Ejector Stick Check SAFETY Det. Click Return	KS
	2nd	6/ Damaged Ejector 13/ Hole polished 9/ Ejector filed 57k	KS
	3rd	6/ 100 Rd Test 14/ OK 9/ =	RW
	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 6636026

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		KCR
	Magnaflux Bolt	5 8 9 1		KCR
615	Rollmark Caliber			68.
617	Drill and Tap Sight Holes	5 15 9 1		KS
618	Polish Barrel	5 15 9 1		KS
620	Apply Coatings (Barrel Action)		5-5-91	KS
	Apply Coating (Bolt)		5-5-91	KS
625	Final Assembly A) Clean inside of Bolt Assembly		6/11/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/11/91	KS
	C) Inspect Ejector Hole for Chamfer		6/11/91	KS
	D) Oil Firing Pin Ass'y		6/11/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6-12-91	KS

op. #	BARBER - M24 0036827 Op. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-12-91	DH
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			6-12-91	DH
	H) Trigger Pull Test & Retainability						6-12-91	JH
	I) Firing Pin Indent	.072	.070	.021			6-12-91	DH
	J) Assemble Stock						6-12-91	KS
	K) Assemble Swivel Studs						6-12-91	KS
	L) Attach Front and Rear Sight Assemblies						6-12-91	KS
	M) Iron Sight Alignment						6-12-91	KS
	N) Detach Front & Rear Sights & place in numbered container						6-12-91	KS
	O) Attach Scope to Rifle						6-12-91	KS
	P) Detach & Attach Scope 20 Times						6-12-91	KS
640	Gallery Target & Test						6-13-91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						6-13-91	KT
655	Final Inspection							
	A) Headspace						6-14-91	JH
	B) Trigger Pull	2.57	2.56	2.60	2.55	2.56	6-14-91	JH
	C) Function						6-14-91	JH
660	Pack						6-20-91	V.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6636026

DATE 6-12-91

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.24	2.28	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.34	2.39	2.56	
PULL #3	2.21	2.59	2.44	2.60	
PULL #4	2.32	2.38	2.36	2.55	
PULL #5	2.34	2.42	2.36	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.62	3.52		
PULL #2	3.64	3.57		
PULL #3	3.52	3.62		
PULL #4	3.46	3.51		
PULL #5	3.39	3.53		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.41		4.41
PULL #2	4.63	4.42		4.36
PULL #3	4.45	4.30		4.47
PULL #4	4.34	4.32		4.36
PULL #5	4.56	4.21		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636026
13 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.433029
1 TO	2	.321753
1 TO	3	.437013
1 TO	4	.382341
1 TO	5	.833737

5 4 1
2 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0916
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1338
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .162151

THE AMR FOR THIS RIFLE IS: .9606

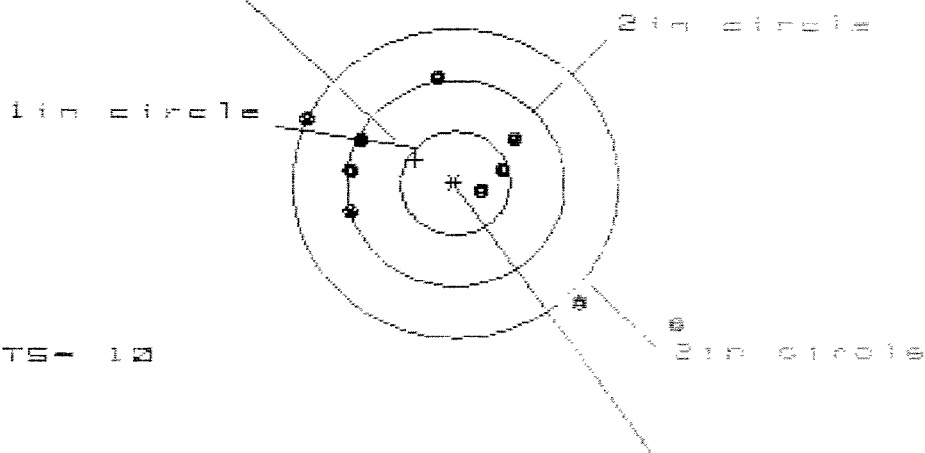
13 Jun 1991

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CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

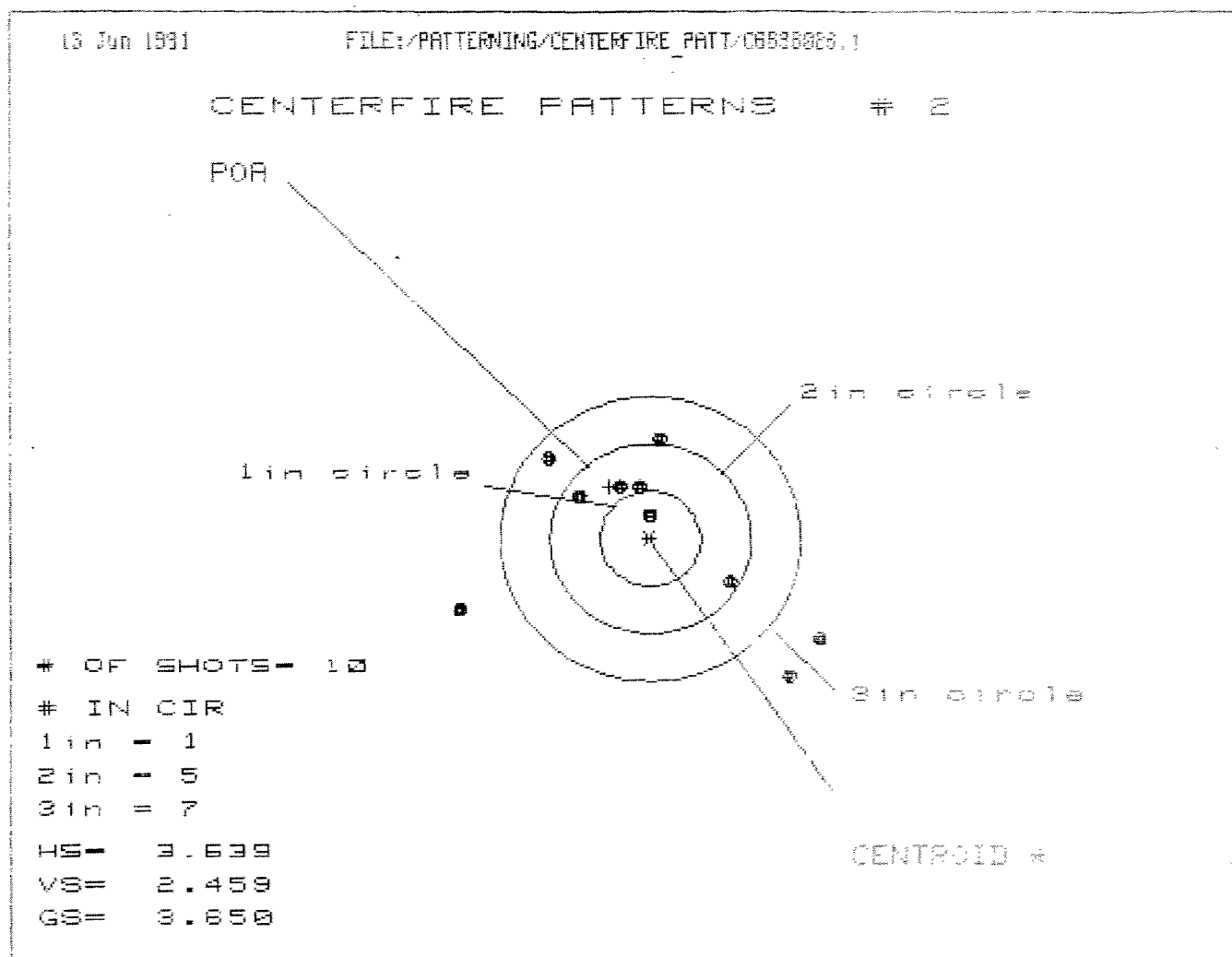
HS= 3.460

VS= 2.372

GS= 4.012

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.048	1.374	.978
MINIMUM X	-1.412	-1.184	-1.012
MAXIMUM Y	1.019	.869	.705
MINIMUM Y	-1.353	-1.316	-1.608
CENTROID X	.365	.137	-.035
CENTROID Y	-.233	-.083	.082
POA TO CENTROID in.	.433	.160	.089
MIN RADIUS	.190	.452	.478
MEAN RADIUS	1.101	.926	.779
MAX RADIUS	2.455	1.902	1.075
HORIZONTAL SPREAD	3.460	2.558	1.990
VERTICAL SPREAD	2.372	2.185	1.307
EXTREME SPREAD	4.012	3.153	2.007
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

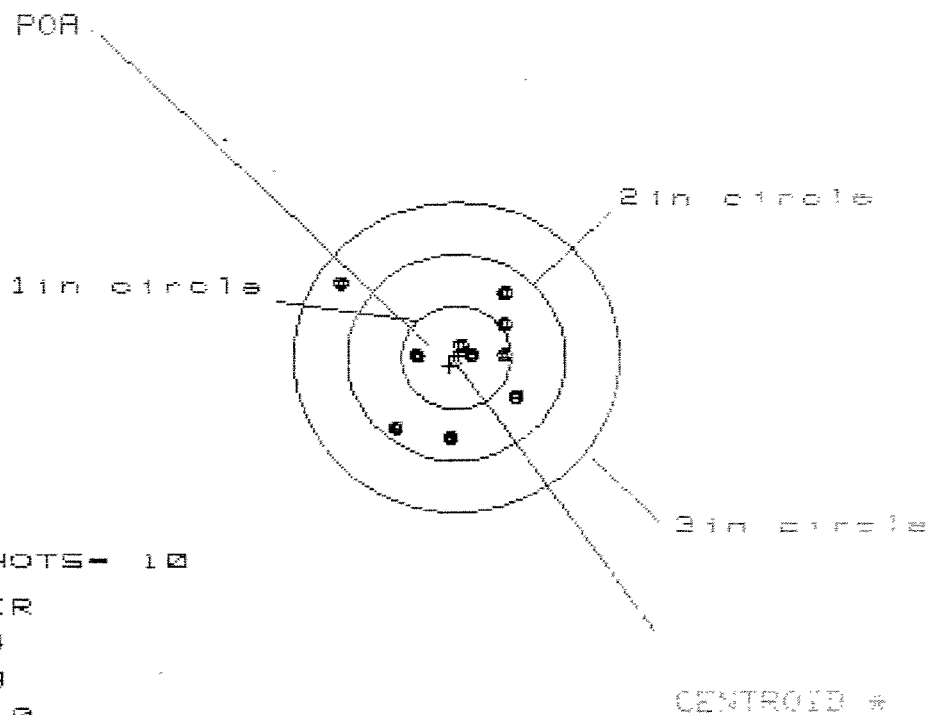


PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.737	1.525	1.420
MINIMUM X	-1.902	-1.229	-1.038
MAXIMUM Y	1.041	.957	.817
MINIMUM Y	-1.418	-1.502	-1.642
CENTROID X	.407	.619	.428
CENTROID Y	-.552	-.468	-.312
POA TO CENTROID in.	.686	.776	.539
MIN RADIUS	.293	.293	.070
MEAN RADIUS	1.164	1.060	.853
MAX RADIUS	2.047	1.941	2.171
HORIZONTAL SPREAD	3.639	2.754	2.458
VERTICAL SPREAD	2.459	2.459	2.459
EXTREME SPREAD	3.650	3.326	3.336
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

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CENTERFIRE PATTERNS # 3



PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.541
MINIMUM X	-1.044
MAXIMUM Y	.683
MINIMUM Y	-.752
CENTROID X	.059
CENTROID Y	.079
POA TO CENTROID in.	.098
MIN RADIUS	.154
MEAN RADIUS	.597
MAX RADIUS	1.248
HORIZONTAL SPREAD	1.585
VERTICAL SPREAD	1.435
EXTREME SPREAD	1.986
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	9
NUMBER IN THREE INCH CIRCLE =	10

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in - 3

2 in - 7

3 in - 10

HS = 2.584

VS = 1.503

GS = 2.670

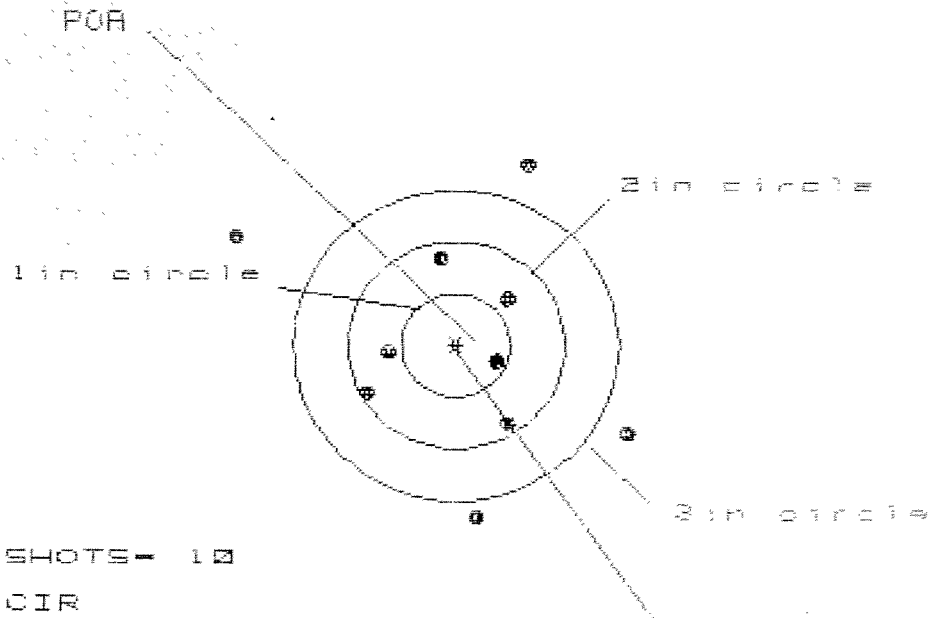
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.176	1.020	.990
MINIMUM X	-1.408	-.647	-.520
MAXIMUM Y	.843	.848	.771
MINIMUM Y	-.660	-.655	-.732
CENTROID X	.001	.157	.030
CENTROID Y	-.116	-.121	-.044
POA TO CENTROID in.	.116	.198	.052
MIN RADIUS	.153	.299	.217
MEAN RADIUS	.745	.696	.597
MAX RADIUS	1.409	1.192	1.028
HORIZONTAL SPREAD	2.504	1.667	1.518
VERTICAL SPREAD	1.503	1.503	1.503
EXTREME SPREAD	2.670	1.806	1.806
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 3

HS = 3.650

VS = 3.429

GS = 4.114

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.586	1.356	1.406
MINIMUM X	:	-2.064	-1.036	-0.986
MAXIMUM Y	:	1.756	1.370	1.150
MINIMUM Y	:	-1.673	-1.559	-1.329
CENTROID X	:	-0.374	-0.144	-0.194
CENTROID Y	:	.153	.039	-0.195
POA TO CENTROID in.	:	.404	.150	.275
MIN RADIUS	:	.421	.165	.274
MEAN RADIUS	:	1.196	1.045	.933
MAX RADIUS	:	2.306	1.911	1.499
HORIZONTAL SPREAD	:	3.650	2.392	2.392
VERTICAL SPREAD	:	3.429	3.429	2.475
EXTREME SPREAD	:	4.114	3.465	2.486
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	