

C6636143

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

BARBER - M24 0038215

UPC



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



Remington®

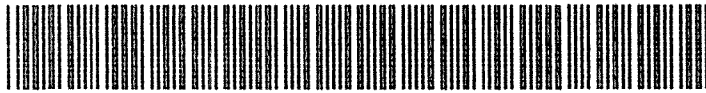
MODEL 700™ H24

SERIAL NO.
C6636143

ORDER NO.
5716

20

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



5716 C6636143

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0038215

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636143

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	5 8 9 1		CS
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5-31-91	AS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/5/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/5/91	KS
	C) Inspect Ejector Hole for Chamfer		5/5/91	KS
	D) Oil Firing Pin Ass'y		5/5/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6-6-91	JLB

op. #	BARBER - M24 0038217	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-6-91	JM
	G) Safety Off Force	4	4	4			6-6-91	JM
	H) Trigger Pull Test & Retainability						6-6-91	JM
	I) Firing Pin Indent	.021	.022	.022			6-6-91	JM
	J) Assemble Stock						6-6-91	KS
	K) Assemble Swivel Studs						6-13-91	A
	L) Attach Front and Rear Sight Assemblies						6-6-91	KS
	M) Iron Sight Alignment						6-6-91	KS
	N) Detach Front & Rear Sights & place in numbered container						6-6-91	KS
	O) Attach Scope to Rifle						6-6-91	KS
	P) Detach & Attach Scope 20 Times						6-6-91	KS
640	Gallery Target & Test						6-7-91	AC
	A) Time						6-7-91	AC
	B) Malfunctions						6-7-91	AC
	C) Pierced Primers						6-7-91	AC
	D) Optical Clarity of Scope						6-7-91	AC
645	Inspect for Live Ammo						6-7-91	AC
655	Final Inspection							
	A) Headspace						6-13-91	A
	B) Trigger Pull	2.44	2.41	2.26	2.38	2.47	6-13-91	JM
	C) Function						6-13-91	AC
660	Pack						6-20-91	N-

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6636143

DATE 6-6-91

TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.49	2.40	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.53	2.38	2.41	
PULL #3	2.52	2.48	2.43	2.26	
PULL #4	2.30	2.35	2.45	2.38	
PULL #5	2.39	2.41	2.46	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.36		
PULL #2	3.49	3.36		
PULL #3	3.36	3.34		
PULL #4	3.39	3.40		
PULL #5	3.44	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.23		4.25
PULL #2	4.22	4.33		4.42
PULL #3	4.29	4.25		4.44
PULL #4	4.40	4.24		4.34
PULL #5	4.34	4.29		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636143
7 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.205353
1 TO	2	.975921
1 TO	3	.210609
1 TO	4	.658009
1 TO	5	.359117

2
5 4 <----POA

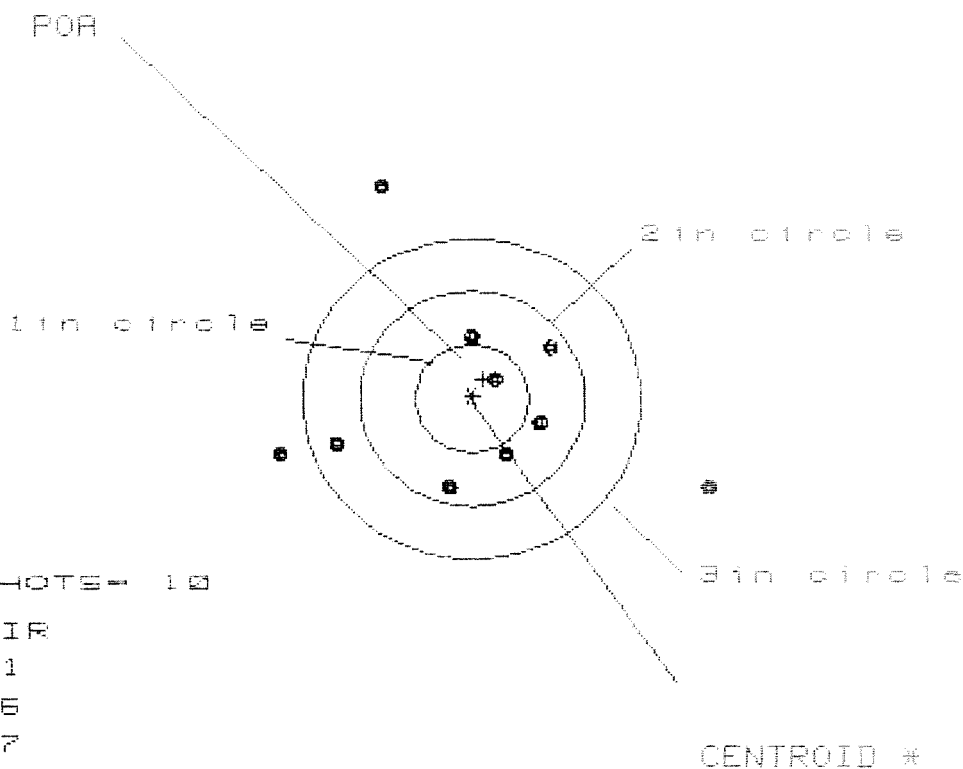
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1266
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1254
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .178193

THE AMR FOR THIS RIFLE IS: 1.093

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636143

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.835

VS= 2.830

GS= 3.978

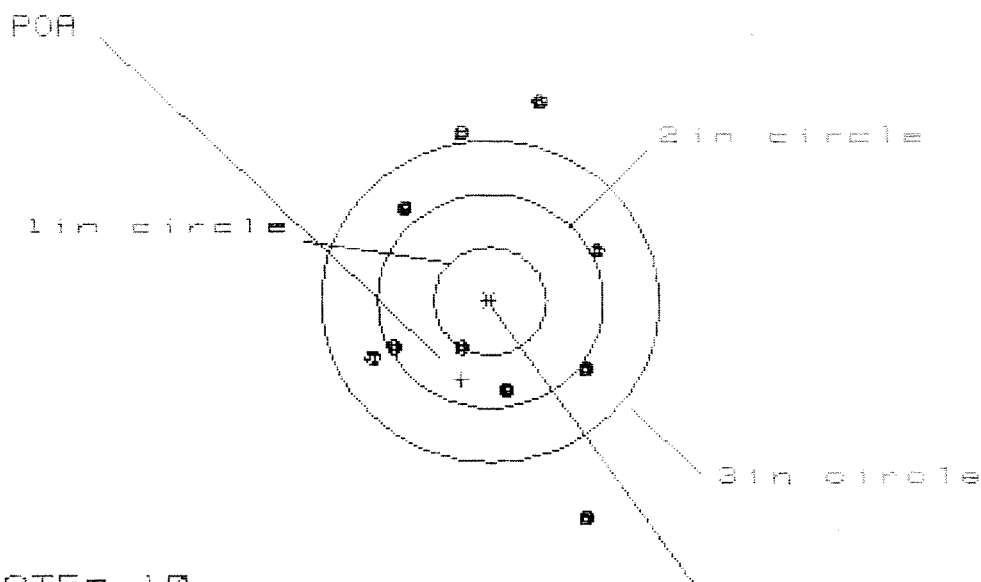
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.115	.961	.896
MINIMUM X	-1.720	-1.485	-1.550
MAXIMUM Y	1.962	1.874	.697
MINIMUM Y	-.868	-.956	-.722
CENTROID X	-.097	-.332	-.267
CENTROID Y	-.181	-.093	-.327
POA TO CENTROID in.	.205	.345	.422
MIN RADIUS	.307	.486	.531
MEAN RADIUS	1.121	1.028	.879
MAX RADIUS	2.259	1.945	1.589
HORIZONTAL SPREAD	3.835	2.446	2.446
VERTICAL SPREAD	2.830	2.830	1.419
EXTREME SPREAD	3.978	2.877	2.644
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

7 Jun 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS = 1.919

VS = 3.921

GS = 3.937

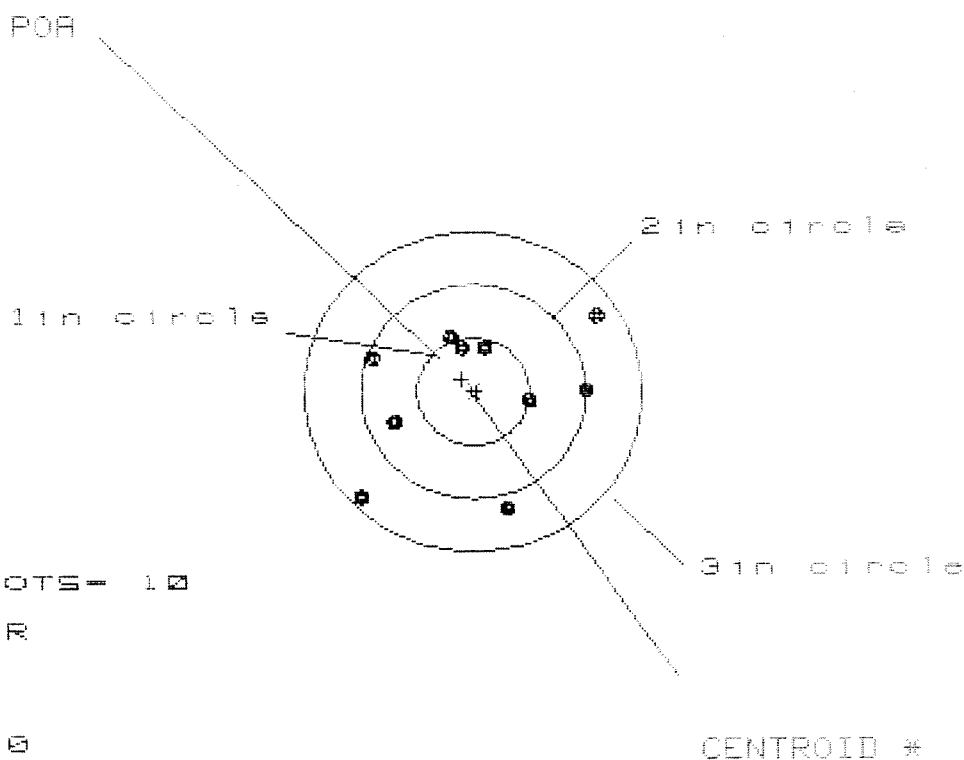
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.915	1.003	1.070
MINIMUM X	:	-1.004	-.916	-.849
MAXIMUM Y	:	1.918	1.696	1.553
MINIMUM Y	:	-2.003	-1.025	-.813
CENTROID X	:	.253	.165	.098
CENTROID Y	:	.730	.952	.740
POA TO CENTROID in.	:	.772	.966	.747
MIN RADIUS	:	.510	.690	.469
MEAN RADIUS	:	1.230	1.135	1.006
MAX RADIUS	:	2.155	1.777	1.559
HORIZONTAL SPREAD	:	1.919	1.919	1.919
VERTICAL SPREAD	:	3.921	2.721	2.366
EXTREME SPREAD	:	3.937	2.811	2.496
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 3

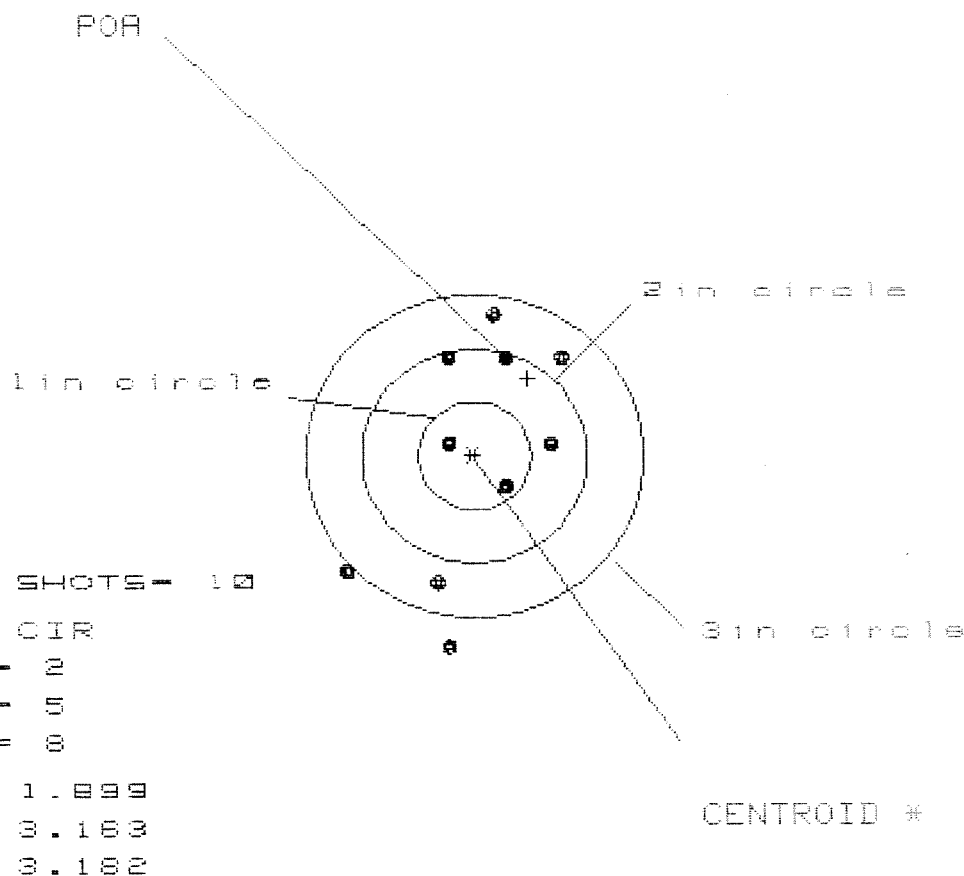


PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.084
MINIMUM X	-.967
MAXIMUM Y	.748
MINIMUM Y	-1.105
CENTROID X	.103
CENTROID Y	-.115
POA TO CENTROID in.	.154
MIN RADIUS	.434
MEAN RADIUS	.852
MAX RADIUS	1.346
HORIZONTAL SPREAD	2.050
VERTICAL SPREAD	1.853
EXTREME SPREAD	2.653
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	10

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CENTERFIRE PATTERNS # 4

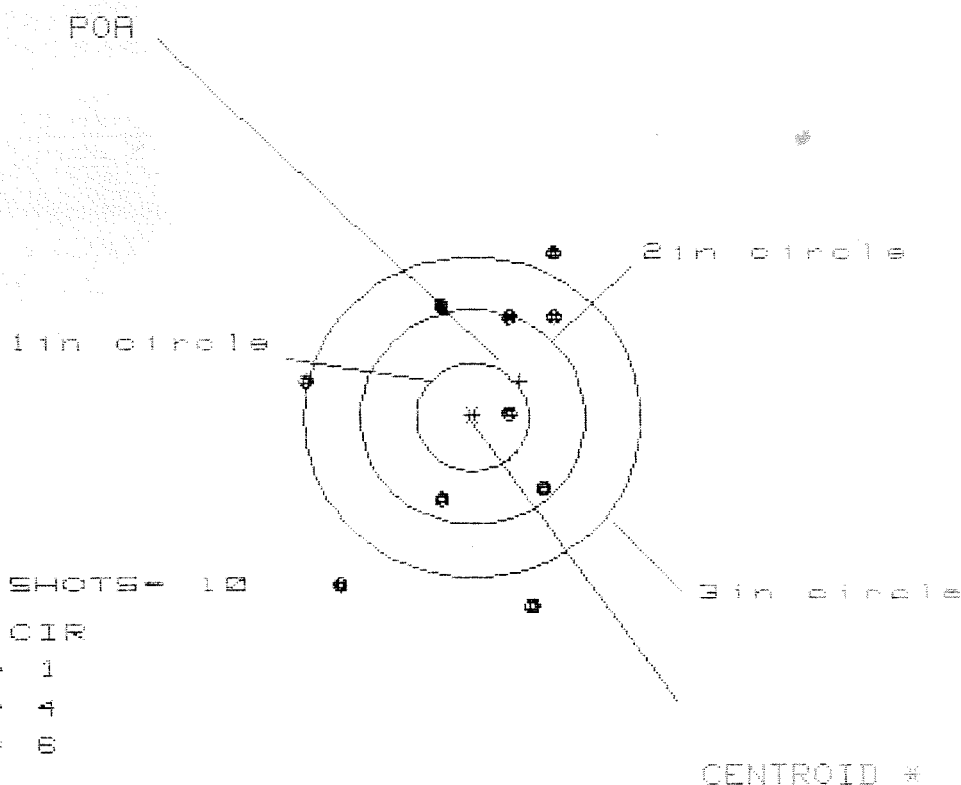


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.735	.714	.566
MINIMUM X	:	-1.164	-1.185	-.516
MAXIMUM Y	:	1.356	1.155	1.000
MINIMUM Y	:	-1.807	-1.342	-1.497
CENTROID X	:	-.473	-.452	-.303
CENTROID Y	:	-.721	-.520	-.365
POA TO CENTROID in.	:	.862	.689	.475
MIN RADIUS	:	.270	.257	.451
MEAN RADIUS	:	1.038	.920	.788
MAX RADIUS	:	1.818	1.715	1.584
HORIZONTAL SPREAD	:	1.899	1.899	1.082
VERTICAL SPREAD	:	3.163	2.497	2.497
EXTREME SPREAD	:	3.182	2.734	2.547
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 6

HS= 2.216

VS= 3.339

GS= 3.667

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.730	.601	.653
MINIMUM X	-1.486	-1.615	-1.563
MAXIMUM Y	1.575	1.401	1.159
MINIMUM Y	-1.764	-1.938	-1.164
CENTROID X	-.419	-.290	-.342
CENTROID Y	-.340	-.166	.076
FOR TO CENTROID in.	.540	.334	.350
MIN RADIUS	.310	.192	.400
MEAN RADIUS	1.224	1.104	.972
MAX RADIUS	1.950	1.982	1.568
HORIZONTAL SPREAD	2.216	2.216	2.216
VERTICAL SPREAD	3.339	3.339	2.323
EXTREME SPREAD	3.667	3.344	2.561
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		