

C6636150

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

M2400038319

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON




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

MODEL 700TM H24

SERIAL NO.
C6636150

ORDER NO.
5716

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

20

LPC



0 47700 25716 7



5716 C6636150

Stock
Repaired

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636150

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		KCK
	Magnaflux Bolt	5 8 9 1		Kcd
615	Rollmark Caliber	5 8 9 1		GB
617	Drill and Tap Sight Holes	5 15 9 1		FB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5-31-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6-6-91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6-6-91	KS
	C) Inspect Ejector Hole for Chamfer		6-6-91	KS
	D) Oil Firing Pin Ass'y		6-6-91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6-18-91	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	8	8	8			6-10-91	JH
	G) Safety Off Force	6	6	6			6-10-91	JH
	H) Trigger Pull Test & Retainability						6-10-91	JH
	I) Firing Pin Indent	.023	.023	.023			6-10-91	JH
	J) Assemble Stock						6-10-91	KS
	K) Assemble Swivel Studs						6-12-91	KS
	L) Attach Front and Rear Sight Assemblies						4/10/91	KS
	M) Iron Sight Alignment						4/10/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/10/91	KS
	O) Attach Scope to Rifle						6/10/91	KS
	P) Detach & Attach Scope 20 Times						4/10/91	KS
640	Gallery Target & Test						6-11-91	AC
	A) Time						6-11-91	AC
	B) Malfunctions						6-11-91	AC
	C) Pierced Primers						6-11-91	AC
	D) Optical Clarity of Scope						6-11-91	AC
645	Inspect for Live Ammo						6-11-91	AC
655	Final Inspection							
	A) Headspace						6-12-91	KS
	B) Trigger Pull	269	267	263	260	268	6-12-91	JH
	C) Function						6-12-91	AC
660	Pack						6-20-91	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C 6636150

DATE 6-10-91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.57	2.50	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.67	2.55	2.67	
PULL #3	2.58	2.40	2.53	2.63	
PULL #4	2.62	2.49	2.48	2.66	
PULL #5	2.68	2.50	2.48	2.68	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.66	3.15		
PULL #2	3.41	3.61		
PULL #3	3.60	3.40		
PULL #4	3.37	3.58		
PULL #5	3.53	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.28		4.35
PULL #2	4.25	4.29		4.45
PULL #3	4.19	2.26		4.33
PULL #4	4.15	4.33		4.53
PULL #5	4.16	4.14		4.63
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636150
11 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.126194
1 TO	2	.168885
1 TO	3	.197408
1 TO	4	.247421
1 TO	5	.140293

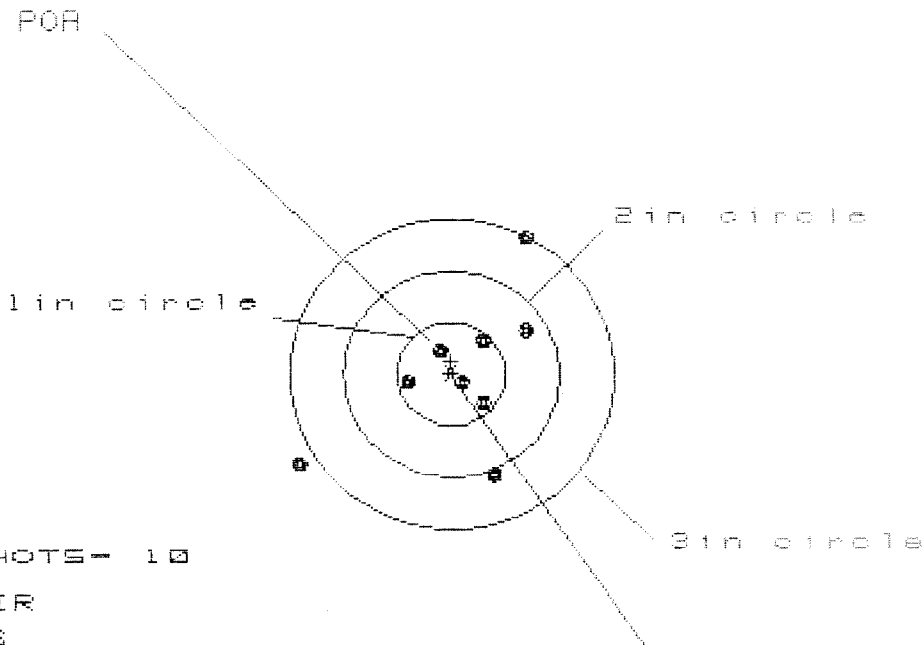
중심 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0634
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0938
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .113217
THE AMR FOR THIS RIFLE IS: .8752

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636150

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 6

2 in = 7

3 in = 8

HS= 2.139

VS= 2.335

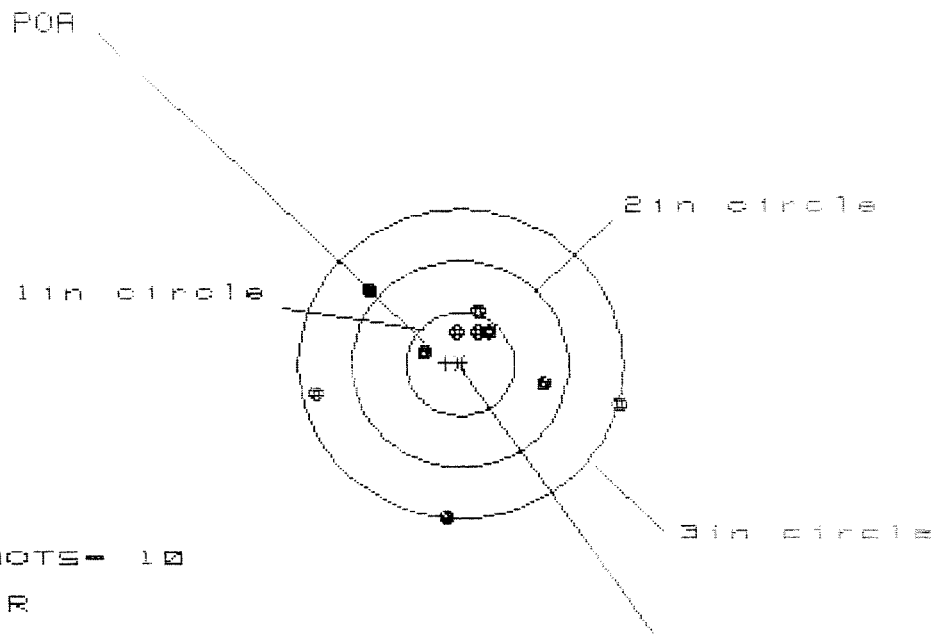
GS= 3.048

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.693	.532	.594
MINIMUM X	:	-1.447	-.532	-.478
MAXIMUM Y	:	1.361	1.268	.482
MINIMUM Y	:	-.974	-1.067	-.988
CENTROID X	:	.007	.168	.106
CENTROID Y	:	-.126	-.032	-.191
POA TO CENTROID in.	:	.126	.171	.218
MIN RADIUS	:	.121	.215	.047
MEAN RADIUS	:	.694	.594	.468
MAX RADIUS	:	1.673	1.363	.946
HORIZONTAL SPREAD	:	2.139	1.064	1.064
VERTICAL SPREAD	:	2.335	2.335	1.390
EXTREME SPREAD	:	3.048	2.354	1.429
NUMBER IN ONE INCH CIRCLE =	:	6		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.763

VS= 2.247

GS= 2.767

CENTROID *

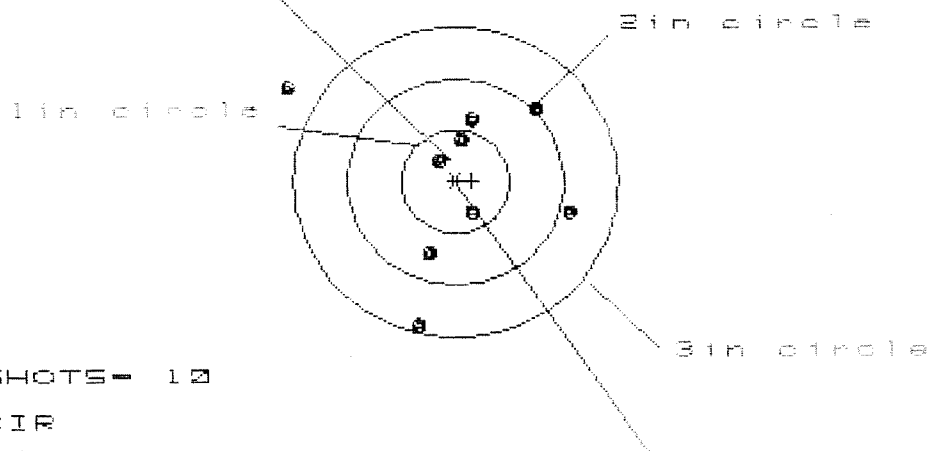
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.422	1.409	.946
MINIMUM X	:	-1.341	-1.354	-1.178
MAXIMUM Y	:	.716	.546	.473
MINIMUM Y	:	-1.531	-.586	-.586
CENTROID X	:	.136	.149	-.027
CENTROID Y	:	-.017	.153	.226
POA TO CENTROID in.	:	.137	.214	.227
MIN RADIUS	:	.323	.172	.128
MEAN RADIUS	:	.826	.684	.573
MAX RADIUS	:	1.536	1.523	1.282
HORIZONTAL SPREAD	:	2.763	2.763	2.124
VERTICAL SPREAD	:	2.247	1.126	.979
EXTREME SPREAD	:	2.767	2.767	2.128
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3

POR



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.568

VS= 2.319

GS= 2.856

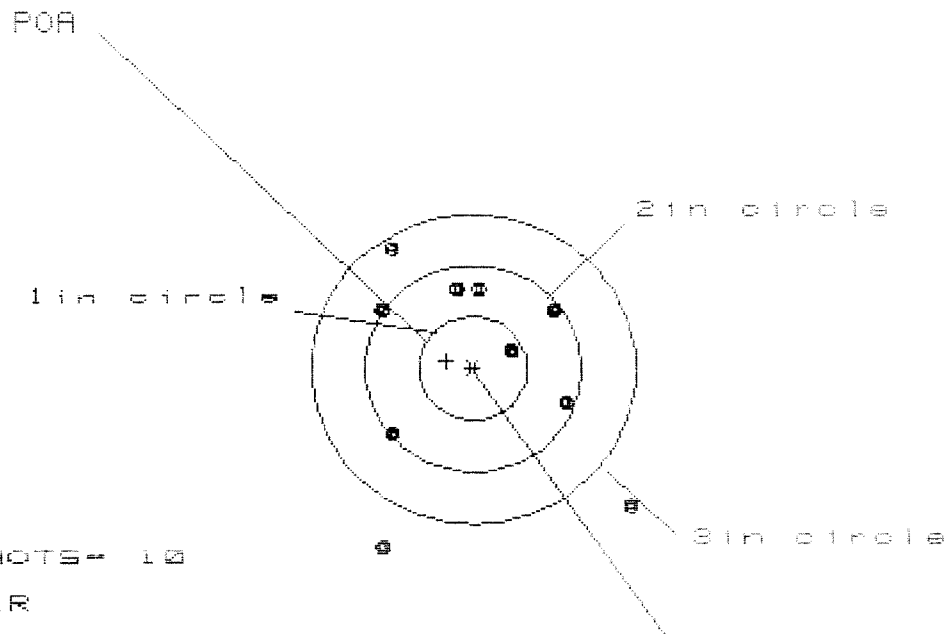
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.042
MINIMUM X	-1.526
MAXIMUM Y	.933
MINIMUM Y	-1.386
CENTROID X	-.152
CENTROID Y	-.009
POR TO CENTROID in.	.152
MIN RADIUS	.259
MEAN RADIUS	.793
MAX RADIUS	1.789
HORIZONTAL SPREAD	2.568
VERTICAL SPREAD	2.319
EXTREME SPREAD	2.856
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.281

VS= 2.921

GS= 3.285

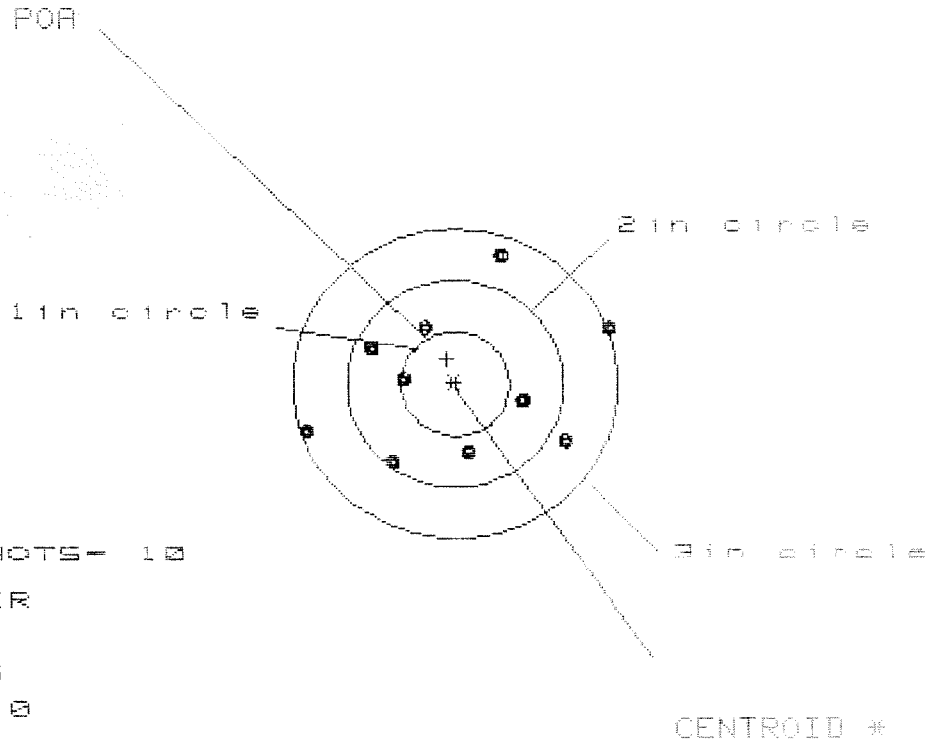
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.407	1.310	.888
MINIMUM X	:	-.874	-.938	-.774
MAXIMUM Y	:	1.159	.963	.778
MINIMUM Y	:	-1.762	-1.482	-1.043
CENTROID X	:	.248	.345	.161
CENTROID Y	:	-.070	.126	.311
POA TO CENTROID in.	:	.258	.367	.368
MIN RADIUS	:	.424	.292	.374
MEAN RADIUS	:	1.108	.958	.795
MAX RADIUS	:	1.967	1.978	1.244
HORIZONTAL SPREAD	:	2.281	2.248	1.662
VERTICAL SPREAD	:	2.921	2.445	1.821
EXTREME SPREAD	:	3.285	3.285	2.188
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 1

2in - 6

3in - 10

HS= 2.730

VS= 2.000

GS= 2.900

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.391
MINIMUM X	-1.339
MAXIMUM Y	1.256
MINIMUM Y	-1.752
CENTROID X	.078
CENTROID Y	-.247
POA TO CENTROID in.	.259
MIN RADIUS	.460
MEAN RADIUS	.955
MAX RADIUS	1.477
HORIZONTAL SPREAD	2.730
VERTICAL SPREAD	2.000
EXTREME SPREAD	2.900
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	10