

C6636228

MODEL 700TM M24

Model **SWS** TM

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.

C6636228

ORDER NO.

5716

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

20



5716 C6636228

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400032004

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636228

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2 9 1		Rw
600	Proof	5 2 9 1		Rw
607	Check Headspace	5 2 9 1		Rw
610	Dis-assemble Gun	5 2 9 1		Rw
612	Magnaflux Barrel Action	5 8 9 1		Kcd
	Magnaflux Bolt	5 8 9 1		Kcd
615	Rollmark Caliber	5 8 9 1		GH
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		LB
620	Apply Coatings (Barrel Action)		6-29-91	DP
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/30/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/91	Rw
	C) Inspect Ejector Hole for Chamfer		5/30/91	Rw
	D) Oil Firing Pin Ass'y		5/30/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		6-6-91	AM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			6-6-91	JU
	G) Safety Off Force	4	4	4			6-6-91	JU
	H) Trigger Pull Test & Retainability						6-6-91	JU
	I) Firing Pin Indent	.0215	.0215	.0215			6-6-91	JU
	J) Assemble Stock						6/6/91	RW
	K) Assemble Swivel Studs						6-8-91	D/H
	L) Attach Front and Rear Sight Assemblies						6/6/91	RW
	M) Iron Sight Alignment						6/6/91	RW
	N) Detach Front & Rear Sights & place in numbered container						6/6/91	RW
	O) Attach Scope to Rifle						6/6/91	RW
	P) Detach & Attach Scope 20 Times						6/6/91	RW
640	Gallery Target & Test						6/7/91	KJ
	A) Time						"	KJ
	B) Malfunctions						"	KJ
	C) Pierced Primers						"	KJ
	D) Optical Clarity of Scope						"	KJ
645	Inspect for Live Ammo						6/7/91	KJ
655	Final Inspection							
	A) Headspace						6-8-91	D/H
	B) Trigger Pull	2.23	2.22	2.36	2.31	2.26	6-8-91	JU
	C) Function						6-8-91	D/H
660	Pack						9-18-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6636228

DATE 6-6-91

TESTER J.P.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.38	2.49	2.23	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.23	2.45	2.29	
PULL #3	2.49	2.45	2.50	2.36	
PULL #4	2.53	2.44	2.50	2.31	
PULL #5	2.51	2.51	2.49	2.26	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.44		
PULL #2	3.46	3.53		
PULL #3	3.48	3.52		
PULL #4	3.29	3.45		
PULL #5	3.48	3.31		
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	4.36		4.21
PULL #2	4.22	4.52		4.52
PULL #3	4.29	4.36		4.56
PULL #4	4.22	4.37		4.18
PULL #5	4.15	4.51		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636228
7 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.53491
1 TO	2	.431057
1 TO	3	.486079
1 TO	4	.666557
1 TO	5	.483083

*1 <----POA

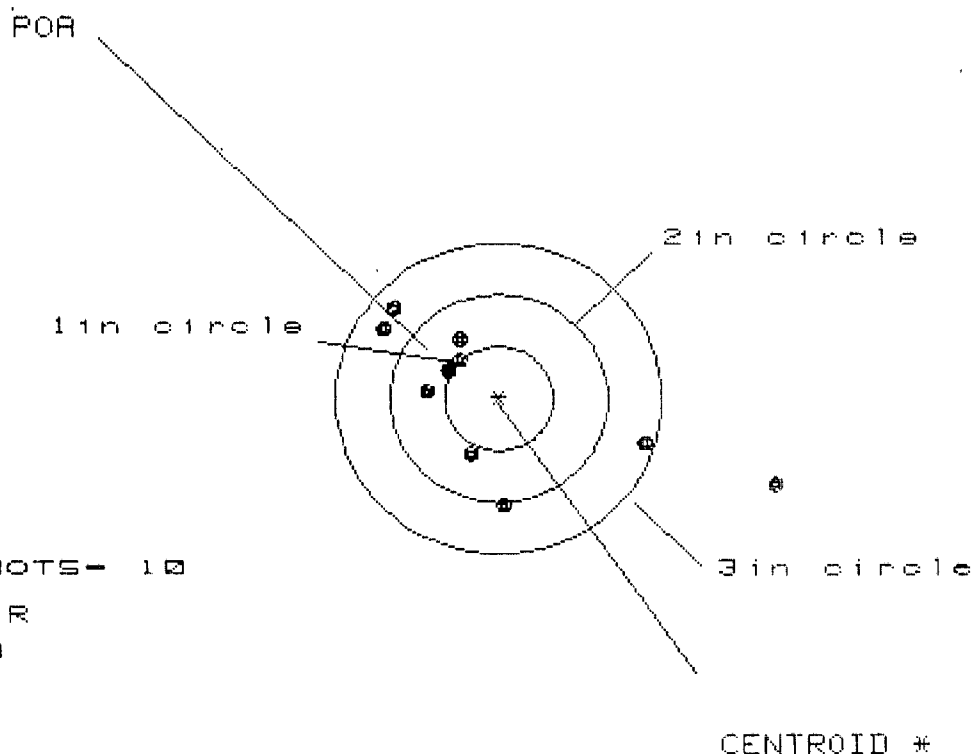
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0684
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1466
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .161772

THE AMR FOR THIS RIFLE IS: .8968

7 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636228

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 3.621

VS= 1.849

GS= 3.903

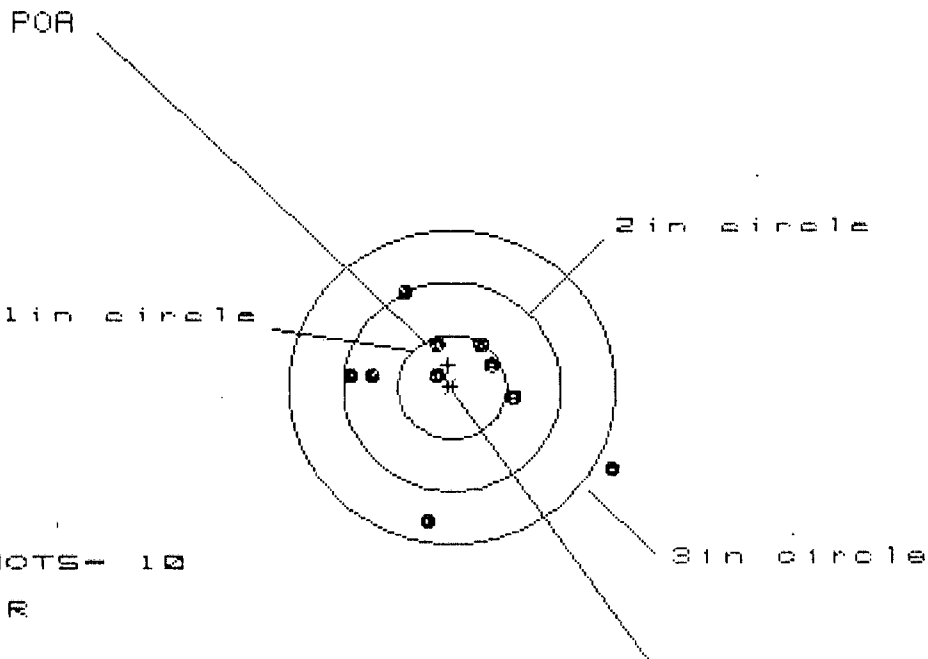
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.580	1.622	.558
MINIMUM X	-1.041	-.755	-.552
MAXIMUM Y	.837	.750	.681
MINIMUM Y	-1.011	-1.099	-1.167
CENTROID X	.460	.174	-.029
CENTROID Y	-.273	-.186	-.117
FOR TO CENTROID in.	.536	.255	.121
MIN RADIUS	.508	.280	.134
MEAN RADIUS	1.048	.752	.569
MAX RADIUS	2.696	1.713	1.294
HORIZONTAL SPREAD	3.621	2.377	1.110
VERTICAL SPREAD	1.849	1.849	1.849
EXTREME SPREAD	3.903	2.649	2.121
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

7 Jun 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 4

2 in - 7

3 in - 9

HS = 2.400

VS = 2.188

GS = 2.585

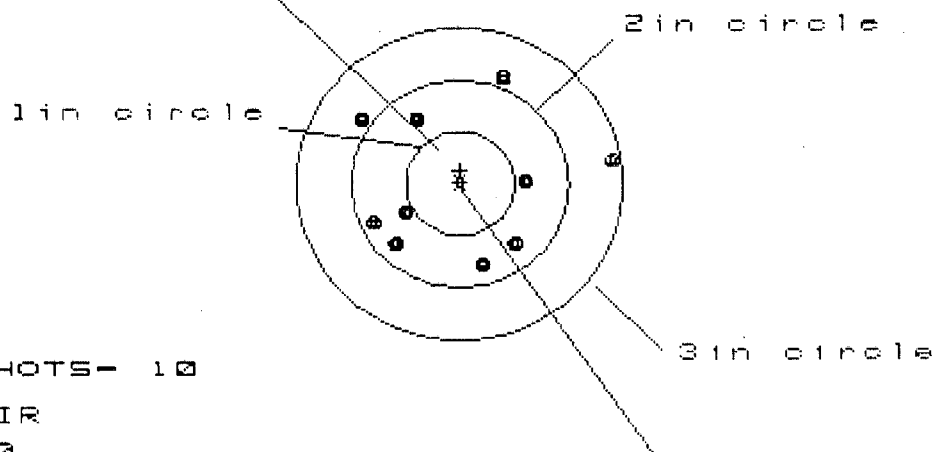
PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.496
MINIMUM X	:	-.904
MAXIMUM Y	:	.894
MINIMUM Y	:	-1.294
CENTROID X	:	.033
CENTROID Y	:	-.214
POA TO CENTROID in.	:	.217
MIN RADIUS	:	.171
MEAN RADIUS	:	.778
MAX RADIUS	:	1.695
HORIZONTAL SPREAD	:	2.400
VERTICAL SPREAD	:	2.188
EXTREME SPREAD	:	2.595
NUMBER IN ONE INCH CIRCLE	=	4
NUMBER IN TWO INCH CIRCLE	=	7
NUMBER IN THREE INCH CIRCLE	=	9

7 Jun 1991

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CENTERFIRE PATTERNS # 3

POB



OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 10

HS= 2.260

VS= 1.859

GS= 2.307

CENTROID *

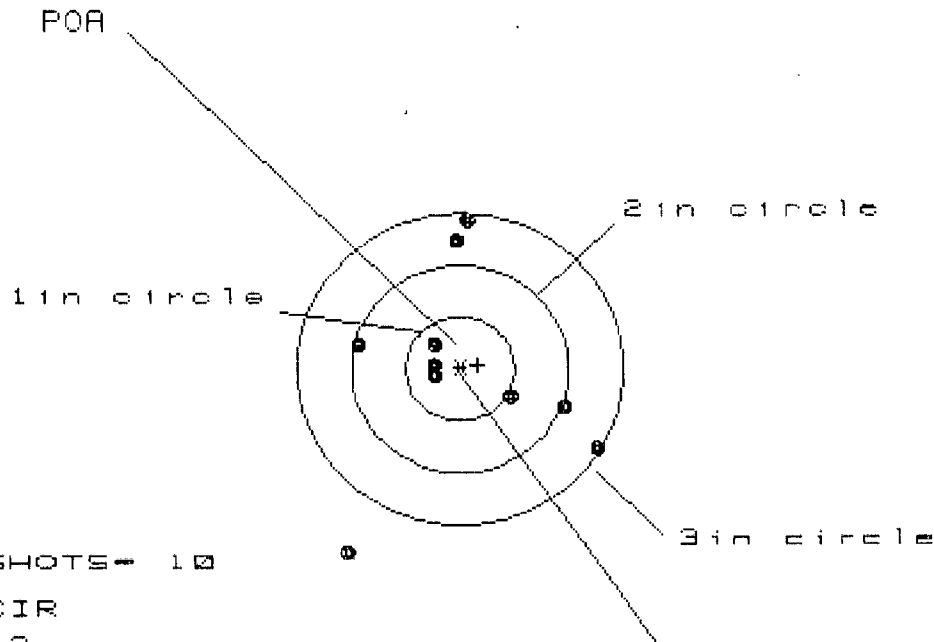
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.397	.766	.839
MINIMUM X	-.863	-.707	-.634
MAXIMUM Y	1.066	1.087	.808
MINIMUM Y	-.793	-.772	-.636
CENTROID X	-.003	-.159	-.232
CENTROID Y	-.125	-.146	-.282
POB TO CENTROID in.	.125	.216	.365
MIN RADIUS	.612	.469	.337
MEAN RADIUS	.888	.810	.727
MAX RADIUS	1.410	1.233	1.027
HORIZONTAL SPREAD	2.260	1.473	1.473
VERTICAL SPREAD	1.859	1.859	1.444
EXTREME SPREAD	2.307	1.952	1.809
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 8

HS= 2.340

VS= 3.107

GS= 3.303

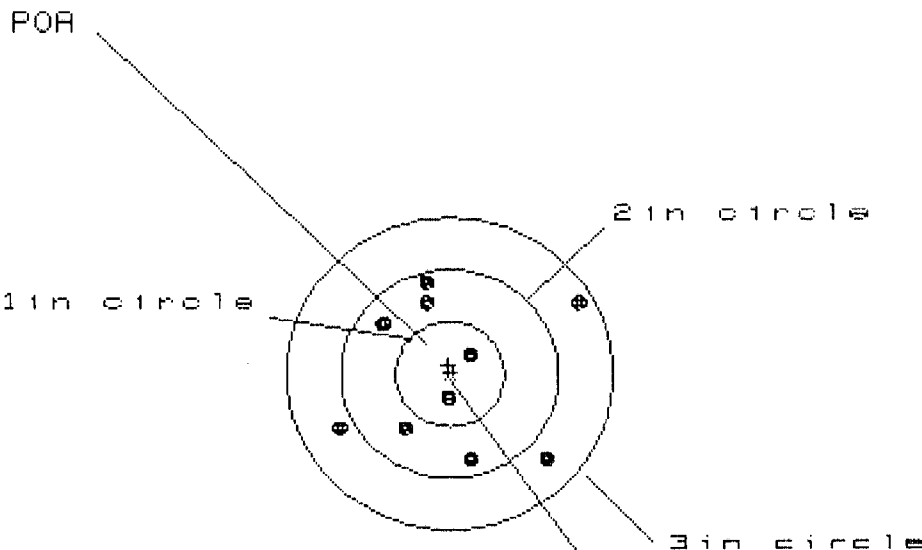
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.295	1.179	.965
MINIMUM X	:	-1.045	-1.095	-.948
MAXIMUM Y	:	1.386	1.195	1.073
MINIMUM Y	:	-1.721	-.976	-.721
CENTROID X	:	-.163	-.047	-.194
CENTROID Y	:	-.036	.155	.277
POA TO CENTROID in.	:	.167	.162	.338
MIN RADIUS	:	.227	.354	.218
MEAN RADIUS	:	.955	.845	.731
MAX RADIUS	:	2.013	1.530	1.205
HORIZONTAL SPREAD	:	2.340	2.274	1.913
VERTICAL SPREAD	:	3.107	2.171	1.794
EXTREME SPREAD	:	3.303	2.507	2.030
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 2.251

VS = 1.701

GS = 2.558

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.200	.990	.486
MINIMUM X	-1.051	-.918	-.794
MAXIMUM Y	.862	.935	.839
MINIMUM Y	-.839	-.766	-.804
CENTROID X	.015	-.118	-.242
CENTROID Y	-.085	-.158	-.062
POA TO CENTROID in.	.086	.197	.250
MIN RADIUS	.252	.217	.369
MEAN RADIUS	.815	.744	.679
MAX RADIUS	1.368	1.252	.984
HORIZONTAL SPREAD	2.251	1.908	1.280
VERTICAL SPREAD	1.701	1.701	1.643
EXTREME SPREAD	2.558	2.038	1.690
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		