

Remington



MODEL 700™ H24

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

01

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

SERIAL NO.
C6523473

ORDER NO.
5716



5716 C6523473

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523473

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/4/90	KA
600	Proof		10/4/90	KA
607	Check Headspace		10/4/90	KA
610	Dis-assemble Gun		10/4/90	KA
612	Magnaflux Barrel Action		10/9/90	KR
	Magnaflux Bolt		10/9/90	KR
615	Rollmark Caliber		10/9/90	LS
617	Drill and Tap Sight Holes		10/11/90	KB
618	Polish Barrel RB		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-12-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/14/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/19/90	WB
	C) Inspect Ejector Hole for Chamfer		10/19/90	WB
	D) Oil Firing Pin Ass'y		10/19/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.25	4.0	4.0			11-2-90	KT
	G) Safety Off Force	2.5	2.5	2.75			11-2-90	KT
	H) Trigger Pull Test & Retainability						11/5/90	WCB
	I) Firing Pin Indent	0.26	0.24	0.26			11-2-90	KT
	J) Assemble Stock						11-5-90	KA
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						11-5-90	KA
	M) Iron Sight Alignment						11-5-90	KA
	N) Detach Front & Rear Sights & place in numbered container						11-5-90	KA
	O) Attach Scope to Rifle						11-5-90	KA
	P) Detach & Attach Scope 20 Times						11-5-90	KA
640	Gallery Target & Test						11/6/90	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						11/6/90	AF
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	2.52	2.43	2.50	2.41	2.43	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12/12/90	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523473

DATE 11/5/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.33	2.47	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.46	2.50	2.43	
PULL #3	2.30	2.47	2.42	2.50	
PULL #4	2.33	2.48	2.49	2.41	
PULL #5	2.32	2.39	2.45	2.43	
TOTAL	11.69	12.13	12.33		
AVG.	2.34	2.43	2.46		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.08		
PULL #2	3.12	3.11		
PULL #3	3.18	3.14		
PULL #4	3.17	3.19		
PULL #5	3.15	3.15		
TOTAL	15.72	15.67		
AVG.	3.14	3.13		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	3.97		4.09
PULL #2	4.02	3.92		4.00
PULL #3	4.00	3.95		4.03
PULL #4	4.01	3.94		4.06
PULL #5	4.04	3.93		4.00
TOTAL	20.19	19.77		20.18
AVG.	4.04	3.94		4.05

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523473
7 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.115
1 TO	2	.210523
1 TO	3	.37977
1 TO	4	.122409
1 TO	5	.0687677

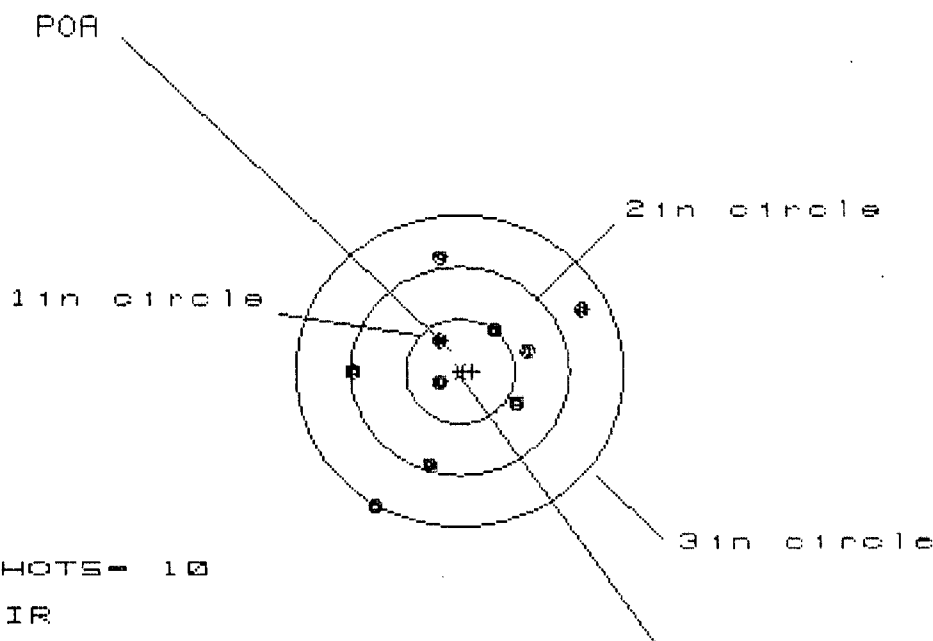
3rd <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0906
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1124
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .144368
THE AMR FOR THIS RIFLE IS: .7476

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523473

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.118

VS= 2.452

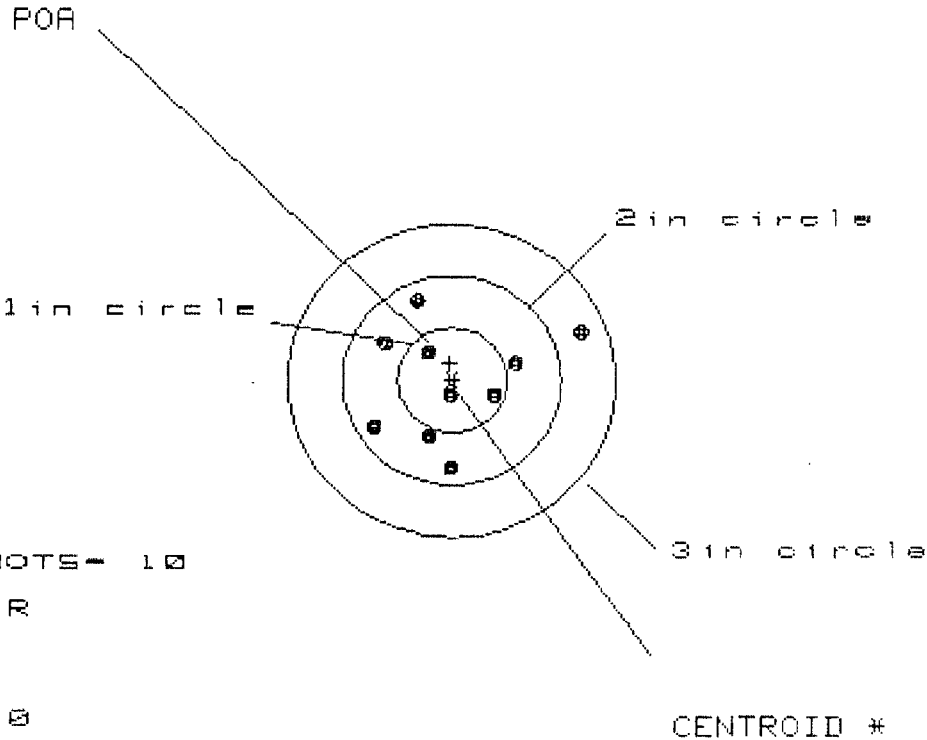
GS= 2.803

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.154	1.061	.703
MINIMUM X	:	-.964	-1.057	-.924
MAXIMUM Y	:	1.113	.964	1.025
MINIMUM Y	:	-1.339	-1.027	-.966
CENTROID X	:	-.115	-.022	-.155
CENTROID Y	:	.000	.149	.088
POA TO CENTROID in.	:	.115	.151	.178
MIN RADIUS	:	.255	.313	.240
MEAN RADIUS	:	.836	.738	.675
MAX RADIUS	:	1.577	1.169	1.030
HORIZONTAL SPREAD	:	2.118	2.118	1.627
VERTICAL SPREAD	:	2.452	1.991	1.991
EXTREME SPREAD	:	2.803	2.218	2.000
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 2



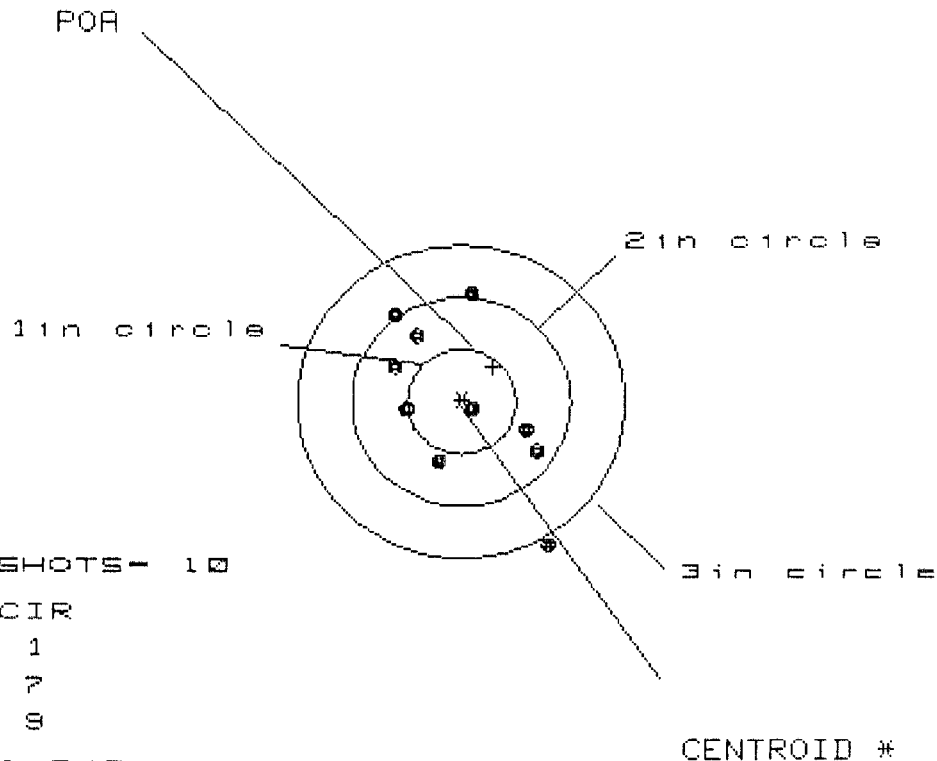
OF SHOTS- 10
 # IN CIR
 1in = 3
 2in = 9
 3in = 10
 HS= 1.927
 VS= 1.615
 GS= 2.119

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.200	.765	.780
MINIMUM X	:	-.727	-.594	-.579
MAXIMUM Y	:	.741	.791	.689
MINIMUM Y	:	-.874	-.824	-.565
CENTROID X	:	.017	-.116	-.131
CENTROID Y	:	-.164	-.214	-.112
POA TO CENTROID in.	:	.165	.244	.172
MIN RADIUS	:	.171	.142	.220
MEAN RADIUS	:	.666	.585	.552
MAX RADIUS	:	1.284	.832	.794
HORIZONTAL SPREAD	:	1.927	1.359	1.359
VERTICAL SPREAD	:	1.615	1.615	1.253
EXTREME SPREAD	:	2.119	1.642	1.497
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 1.348

VS= 2.347

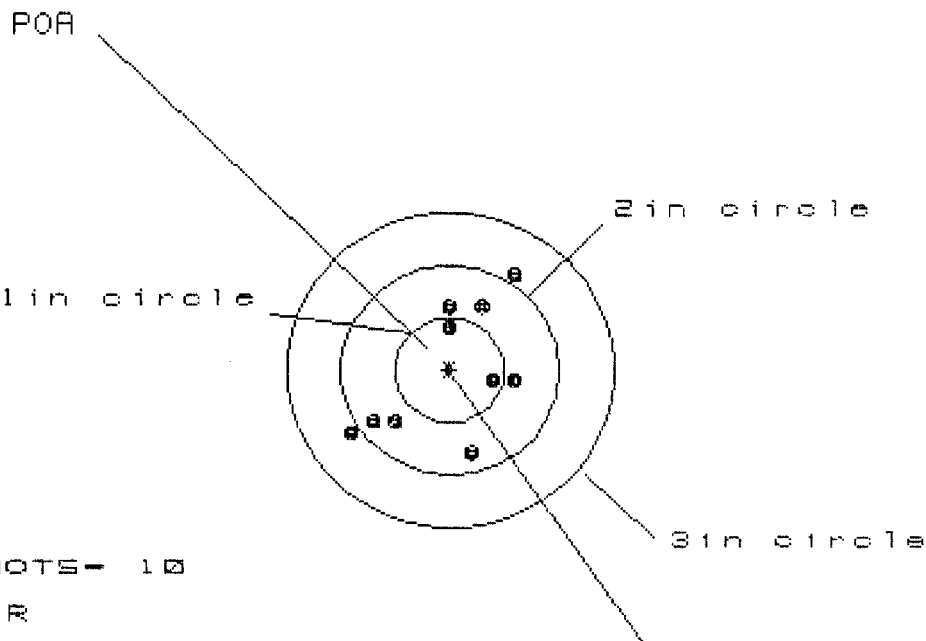
GS= 2.553

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.758	.818	.755
MINIMUM X	-.590	-.506	-.540
MAXIMUM Y	1.015	.867	.954
MINIMUM Y	-1.332	-.743	-.657
CENTROID X	-.292	-.376	-.313
CENTROID Y	-.336	-.188	-.274
POR TO CENTROID in.	.446	.421	.416
MIN RADIUS	.092	.240	.136
MEAN RADIUS	.779	.687	.657
MAX RADIUS	1.532	1.037	.960
HORIZONTAL SPREAD	1.348	1.324	1.295
VERTICAL SPREAD	2.347	1.610	1.610
EXTREME SPREAD	2.553	1.873	1.637
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.519

VS= 1.673

GS= 2.105

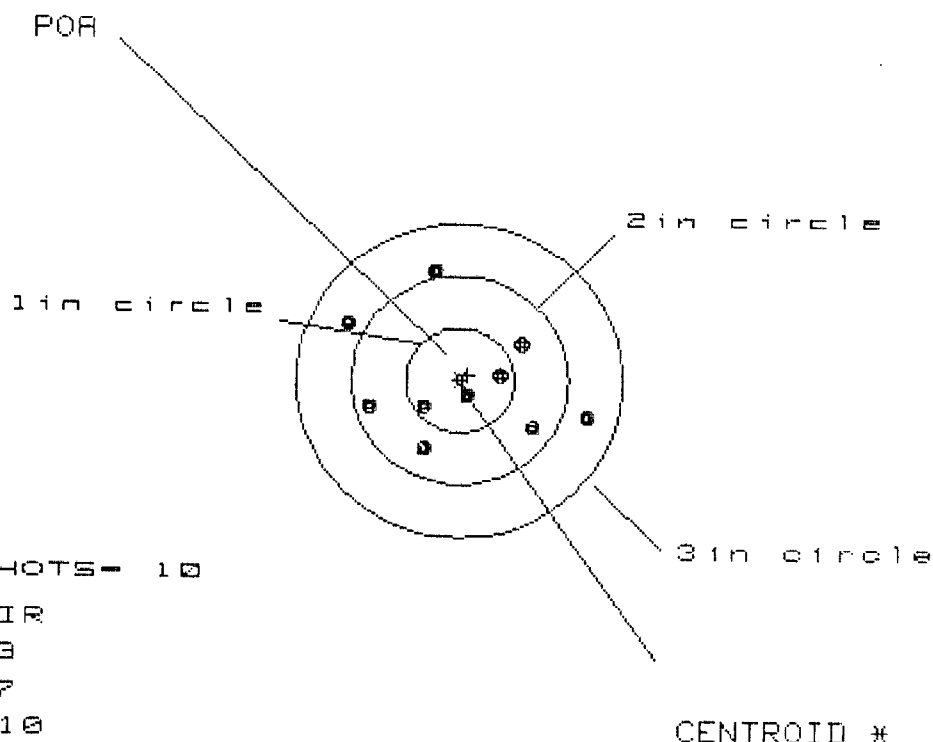
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.580	.476	.534
MINIMUM X	:	-.939	-.809	-.750
MAXIMUM Y	:	.902	.841	.632
MINIMUM Y	:	-.771	-.832	-.727
CENTROID X	:	.007	.111	.052
CENTROID Y	:	-.010	.051	-.054
POA TO CENTROID in.	:	.013	.123	.075
MIN RADIUS	:	.405	.351	.383
MEAN RADIUS	:	.716	.653	.621
MAX RADIUS	:	1.091	.984	.877
HORIZONTAL SPREAD	:	1.519	1.285	1.284
VERTICAL SPREAD	:	1.673	1.673	1.359
EXTREME SPREAD	:	2.105	1.900	1.480
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

7 May 1998

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.143

VS= 1.699

GS= 2.314

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.127	.821	.710
MINIMUM X	:	-1.016	-.891	-.823
MAXIMUM Y	:	1.032	.998	1.064
MINIMUM Y	:	-.667	-.701	-.635
CENTROID X	:	-.070	-.195	-.083
CENTROID Y	:	-.052	-.018	-.084
POA TO CENTROID in.	:	.087	.196	.118
MIN RADIUS	:	.188	.295	.170
MEAN RADIUS	:	.741	.702	.632
MAX RADIUS	:	1.169	1.036	1.092
HORIZONTAL SPREAD	:	2.143	1.712	1.532
VERTICAL SPREAD	:	1.699	1.699	1.699
EXTREME SPREAD	:	2.314	1.970	1.731
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	