

C6648988

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

M2400030382

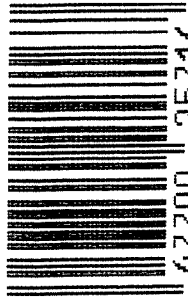
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Remington®  REG. U.S. PAT. & TM. OFF.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.	
MODEL 700™ H2A		SERIAL NO. C6648988	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		Q/S	



5716 C6648988

LPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6648988

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	KH
600	Proof		7/24/91	KH
607	Check Headspace		7/24/91	KH
610	Dis-assemble Gun		7/24/91	KH
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	GL
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/5/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/5/91	KH
	C) Inspect Ejector Hole for Chamfer		9/5/91	KH
	D) Oil Firing Pin Ass'y		9/5/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		9/6/91	977 -

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9-7-91	DH
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			9-7-91	DH
	H) Trigger Pull Test & Retainability						9/6/91	JH
	I) Firing Pin Indent	.020	.020	.020			9-7-91	DH
	J) Assemble Stock						9/11/91	KH
	K) Assemble Swivel Studs						9-13-91	AC
	L) Attach Front and Rear Sight Assemblies						9/11/91	KH
	M) Iron Sight Alignment						9/11/91	KH
	N) Detach Front & Rear Sights & place in numbered container						9/11/91	KH
	O) Attach Scope to Rifle						9/11/91	KH
	P) Detach & Attach Scope 20 Times						9/11/91	KH
640	Gallery Target & Test						9-12-91	AC
	A) Time						9-12-91	AC
	B) Malfunctions						9-12-91	AC
	C) Pierced Primers						9-12-91	AC
	D) Optical Clarity of Scope						9-12-91	AC
645	Inspect for Live Ammo						9-12-91	AC
655	Final Inspection							
	A) Headspace						9-13-91	AC
	B) Trigger Pull	245	217	222	234	231	9-12-91	DH
	C) Function						9-13-91	AC
660	Pack						9-12-91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6648988

DATE 9-6-91

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.23	2.30	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.24	2.33	2.17	
PULL #3	2.39	2.26	2.28	2.22	
PULL #4	2.43	2.26	2.20	2.34	
PULL #5	2.30	2.20	2.29	2.31	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.19		
PULL #2	3.21	3.23		
PULL #3	3.31	3.25		
PULL #4	3.23	3.20		
PULL #5	3.19	3.18		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.33		4.39
PULL #2	4.28	4.12		4.12
PULL #3	4.45	4.26		4.37
PULL #4	4.26	4.25		4.38
PULL #5	4.29	4.40		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648988
12 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.436986
1 TO	2	.476765
1 TO	3	.514262
1 TO	4	.396698
1 TO	5	.755479

1.4 <----POA

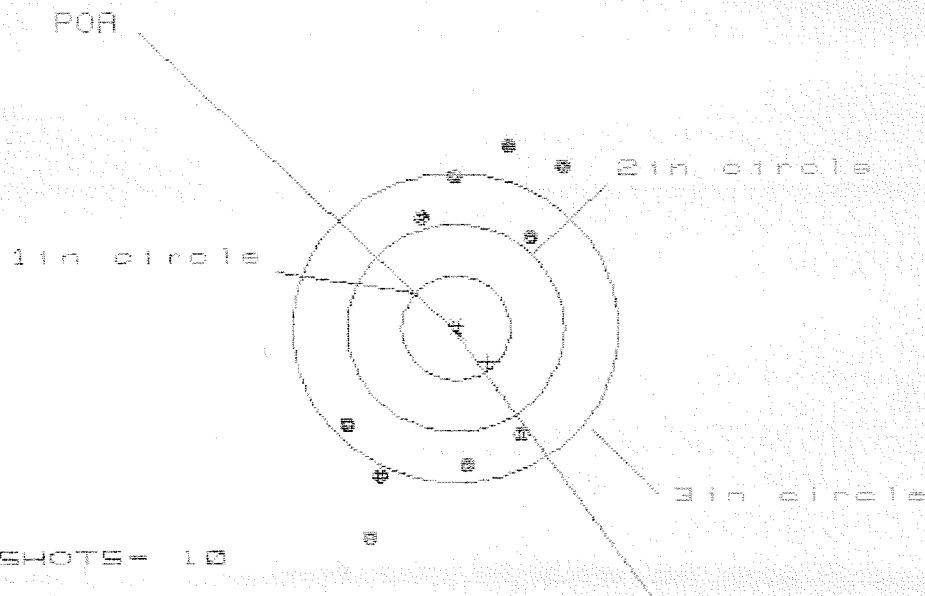
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0124
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .049
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0505446

THE AM FOR THIS RIFLE IS: 1.102

12 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B4B3B8

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 6

HS= 1.944

VS= 3.778

GS= 4.012

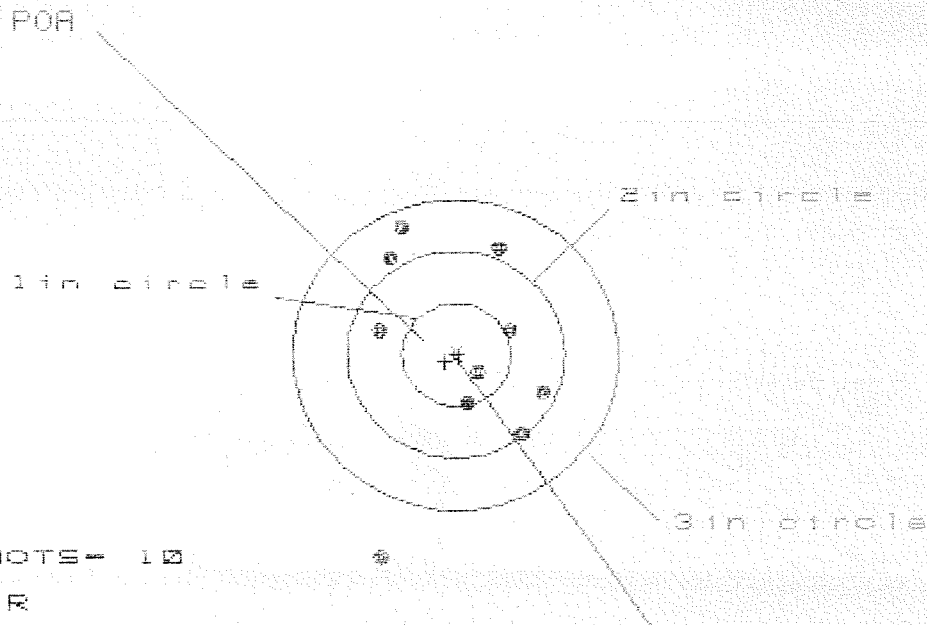
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.949	.859	.749
MINIMUM X	:	-.995	-1.085	-1.977
MAXIMUM Y	:	1.726	1.498	1.664
MINIMUM Y	:	-2.652	-1.650	-1.484
CENTROID X	:	-.291	-.201	-.309
CENTROID Y	:	.325	.554	.388
POA TO CENTROID in.	:	.437	.589	.496
MIN RADIUS	:	1.132	.983	1.088
MEAN RADIUS	:	1.498	1.390	1.367
MAX. RADIUS	:	2.206	1.838	1.730
HORIZONTAL SPREAD	:	1.944	1.944	1.726
VERTICAL SPREAD	:	3.778	3.148	3.148
EXTREME SPREAD	:	4.012	3.412	3.360
NUMBER IN ONE INCH CIRCLE	=	0	0	0
NUMBER IN TWO INCH CIRCLE	=	0	0	0
NUMBER IN THREE INCH CIRCLE	=	0	0	0

12 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C85463B8

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 1.520

VS = 3.223

GS = 3.231

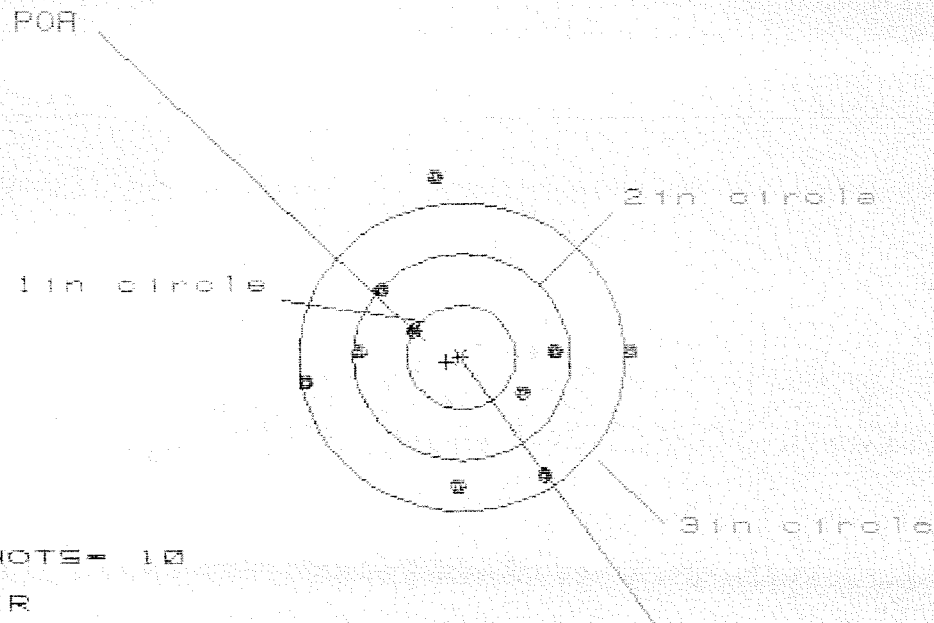
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.779	.782	.634
MINIMUM X	:	-.741	-.818	-.886
MAXIMUM Y	:	1.231	1.010	.945
MINIMUM Y	:	-1.992	-1.003	-.877
CENTROID X	:	.106	.183	.251
CENTROID Y	:	.062	.283	.157
POA TO CENTROID in.	:	.122	.337	.296
MIN RADIUS	:	.275	.391	.248
MEAN RADIUS	:	.955	.817	.744
MAX RADIUS	:	2.109	1.147	1.150
HORIZONTAL SPREAD	:	1.520	1.520	1.520
VERTICAL SPREAD	:	3.223	2.013	1.922
EXTREME SPREAD	:	3.231	2.273	2.109
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6B46968

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 8

HS = 2.971

VS = 3.024

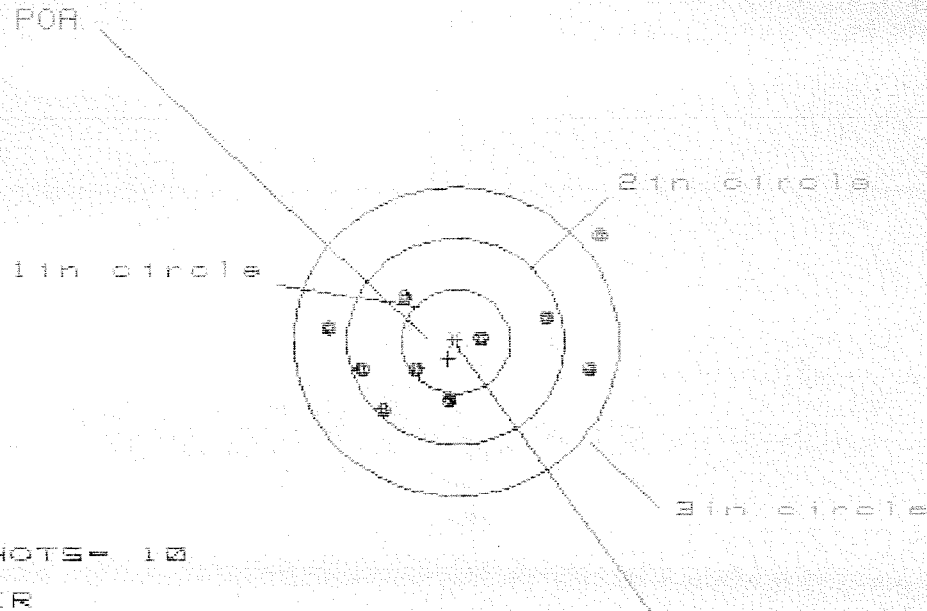
GS = 3.067

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.572	1.546	1.045
MINIMUM X	:	-1.399	-1.425	-1.231
MAXIMUM Y	:	1.790	.888	.919
MINIMUM Y	:	-1.234	-1.035	-1.004
CENTROID X	:	.141	.167	-.027
CENTROID Y	:	.047	-.152	-.183
FOR TO CENTROID in.	:	.149	.226	.185
MIN RADIUS	:	.507	.548	.552
MEAN RADIUS	:	1.139	1.054	.979
MAX RADIUS	:	1.804	1.566	1.293
HORIZONTAL SPREAD	:	2.971	2.971	2.276
VERTICAL SPREAD	:	3.024	1.923	1.923
EXTREME SPREAD	:	3.067	2.989	2.384
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			8	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6B48368

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 2.490

VS = 1.682

GS = 2.639

CENTROID *

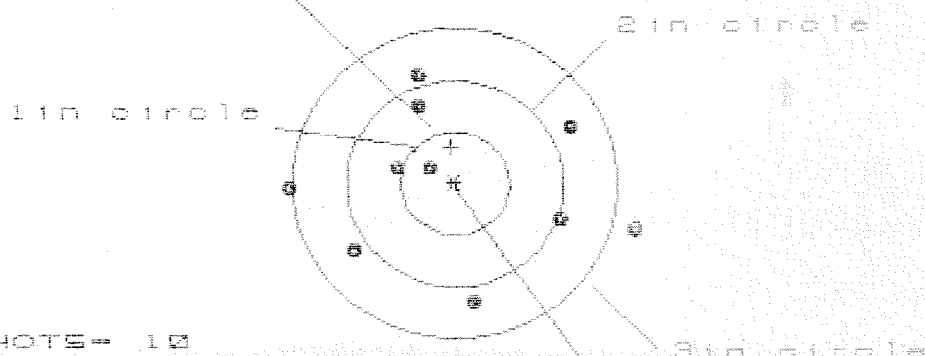
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.322	1.382	1.131
MINIMUM X	:	-1.168	-1.021	-.848
MAXIMUM Y	:	1.038	.590	.575
MINIMUM Y	:	-.644	-.528	-.543
CENTROID X	:	.072	-.075	-.248
CENTROID Y	:	.166	.050	.065
POA TO CENTROID in.	:	.180	.090	.256
MIN RADIUS	:	.234	.292	.189
MEAN RADIUS	:	.868	.747	.641
MAX RADIUS	:	1.681	1.387	1.172
HORIZONTAL SPREAD	:	2.490	2.403	1.979
VERTICAL SPREAD	:	1.682	1.118	1.118
EXTREME SPREAD	:	2.639	2.436	1.979
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

12 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B4B368

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 3.119

VS= 2.236

GS= 3.153

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.617	1.233	1.068
MINIMUM X	:	-1.502	-1.322	-.940
MAXIMUM Y	:	1.048	.996	.988
MINIMUM Y	:	-1.188	-1.240	-1.248
CENTROID X	:	.034	-.146	.019
CENTROID Y	:	-.356	-.304	-.296
POA TO CENTROID in.	:	.358	.337	.297
MIN RADIUS	:	.224	.068	.185
MEAN RADIUS	:	1.049	.933	.902
MAX RADIUS	:	1.685	1.335	1.257
HORIZONTAL SPREAD	:	3.119	2.555	2.008
VERTICAL SPREAD	:	2.236	2.236	2.236
EXTREME SPREAD	:	3.153	2.619	2.362
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	