

C6522127

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5715

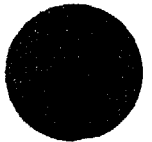
*Includes 1 in chamber.

Remington.

Remington ®		DU PONT REG U.S. PAT & TM OFF	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6522127	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716	
 5716 C6522127			



Howe Inc
Stock
Long-End Tip
Repaired 12/13/90
RW



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522127

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	10/1/90	KL
600	Proof		10/1/90	KL
607	Check Headspace		10/1/90	KL
610	Dis-assemble Gun		10/1/90	KL
612	Magnaflux Barrel Action		10/3/90	KR
	Magnaflux Bolt		10/3/90	KR
615	Rollmark Caliber		10/3/90	GL
617	Drill and Tap Sight Holes		10/4/90	FB
618	Polish Barrel RB		10/5/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/20/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/24/90	WB
	C) Inspect Ejector Hole for Chamfer		10/24/90	WB
	D) Oil Firing Pin Ass'y		10/20/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		10-26-90	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/26/90	WLB
	G) Safety Off Force	2	2	2			10/26/90	WLB
	H) Trigger Pull Test & Retainability						10-26-90	DH
	I) Firing Pin Indent	.021	.0205	.0205			10/26/90	WLB
	J) Assemble Stock						10/24/90	Kd
	K) Assemble Swivel Studs						3/18/90	928
	L) Attach Front and Rear Sight Assemblies						10/24/90	Kd
	M) Iron Sight Alignment						10/24/90	Kd
	N) Detach Front & Rear Sights & place in numbered container						10/24/90	Kd
	O) Attach Scope to Rifle						10/24/90	Kd
	P) Detach & Attach Scope 20 Times						10/24/90	Kd
640	Gallery Target & Test						10/27/90	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						10/27/90	AF
655	Final Inspection							
	A) Headspace						3/18/90	928
	B) Trigger Pull	233	223	219	205	210	3/18/90	928
	C) Function						3/18/90	928
660	Pack						12/14/90	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO C6522127

DATE 10/26/90

TESTER DR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.15	2.61	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.17	2.07	2.60	2.23	
PULL #3	2.30	2.03	2.62	2.19	
PULL #4	2.22	2.06	2.62	2.05	
PULL #5	2.25	2.04	2.58	2.10	
TOTAL	11.18	10.35	13.03		
AVG.	2.23	2.07	2.60		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.12		
PULL #2	3.14	3.13		
PULL #3	3.16	3.07		
PULL #4	3.16	3.08		
PULL #5	3.10	3.12		
TOTAL	15.72	15.52		
AVG.	3.14	3.10		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.20		4.06
PULL #2	4.12	4.24		4.00
PULL #3	4.13	4.20		4.06
PULL #4	4.00	4.18		3.96
PULL #5	4.24	4.18		4.04
TOTAL	20.68	21.00		20.12
AVG.	4.13	4.20		4.02

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522127
27 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.159113
1 TO	2	.480104
1 TO	3	.217267
1 TO	4	.0776209
1 TO	5	.290875

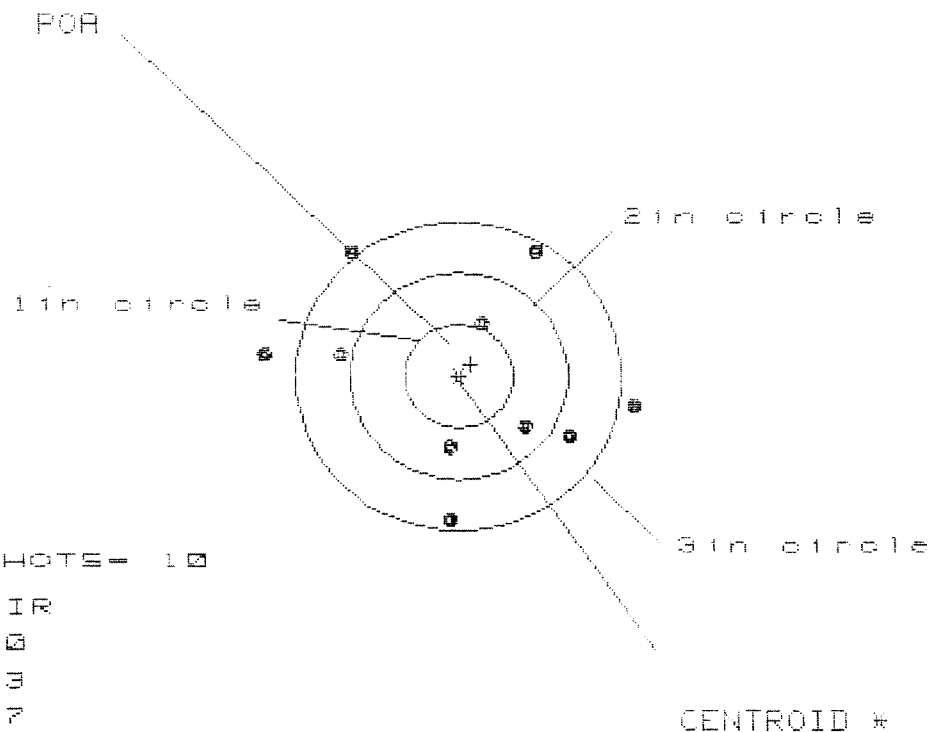
 (----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0794
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1948
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .21036
THE AMR FOR THIS RIFLE IS: .993

27 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522127

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 3.403

VS= 2.616

GS= 3.434

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.582	1.388	.941
MINIMUM X	:	-1.821	-1.292	-1.119
MAXIMUM Y	:	1.228	1.252	1.225
MINIMUM Y	:	-1.388	-1.364	-1.391
CENTROID X	:	-.111	.091	-.082
CENTROID Y	:	-.114	-.138	-.111
FOR TO CENTROID in.	:	.159	.165	.138
MIN RADIUS	:	.522	.493	.567
MEAN RADIUS	:	1.204	1.105	1.073
MAX RADIUS	:	1.834	1.713	1.576
HORIZONTAL SPREAD	:	3.403	2.672	2.060
VERTICAL SPREAD	:	2.616	2.616	2.616
EXTREME SPREAD	:	3.434	2.959	2.752
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	7		

27 Oct 1998

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CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 2.017

VS= 2.666

GS= 2.851

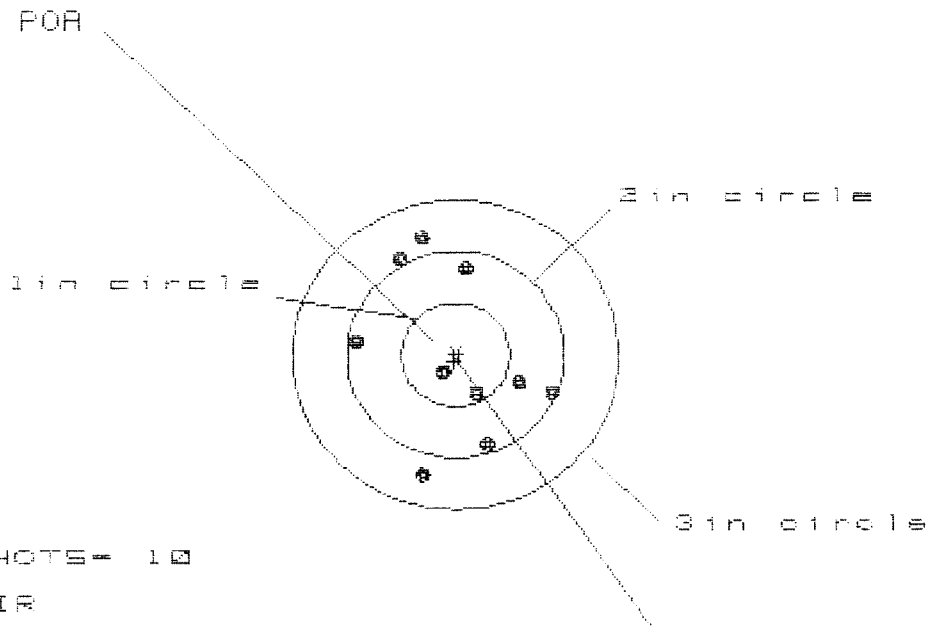
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.777	.640	.630
MINIMUM X	:	-1.240	-.679	-.689
MAXIMUM Y	:	1.385	1.257	.639
MINIMUM Y	:	-1.281	-1.409	-1.252
CENTROID X	:	-.255	-.118	-.188
CENTROID Y	:	-.572	-.444	-.681
POA TO CENTROID in.	:	.627	.459	.611
MIN RADIUS	:	.116	.229	.142
MEAN RADIUS	:	.774	.671	.594
MAX RADIUS	:	1.693	1.433	1.277
HORIZONTAL SPREAD	:	2.017	1.319	1.319
VERTICAL SPREAD	:	2.666	2.666	1.891
EXTREME SPREAD	:	2.851	2.688	1.928
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Oct 1998

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 1.796

VS = 2.286

GS = 2.287

CENTROID #

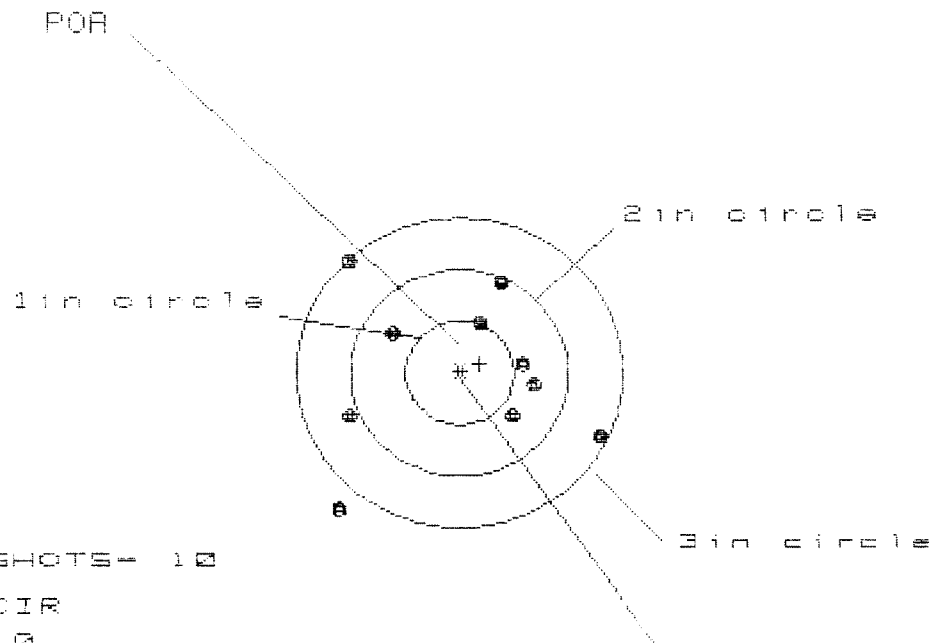
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.850	.811	.770
MINIMUM X	:	-.946	-.985	-1.026
MAXIMUM Y	:	1.139	1.086	.959
MINIMUM Y	:	-1.147	-1.021	-.843
CENTROID X	:	.015	.054	.095
CENTROID Y	:	.063	-.063	.054
FOR TO CENTROID in.	:	.065	.083	.115
MIN RADIUS	:	.205	.126	.244
MEAN RADIUS	:	.830	.760	.733
MAX RADIUS	:	1.190	1.201	1.108
HORIZONTAL SPREAD	:	1.796	1.796	1.796
VERTICAL SPREAD	:	2.286	2.107	1.802
EXTREME SPREAD	:	2.287	2.115	1.960
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Oct 1988

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.376

VS= 2.376

GS= 2.846

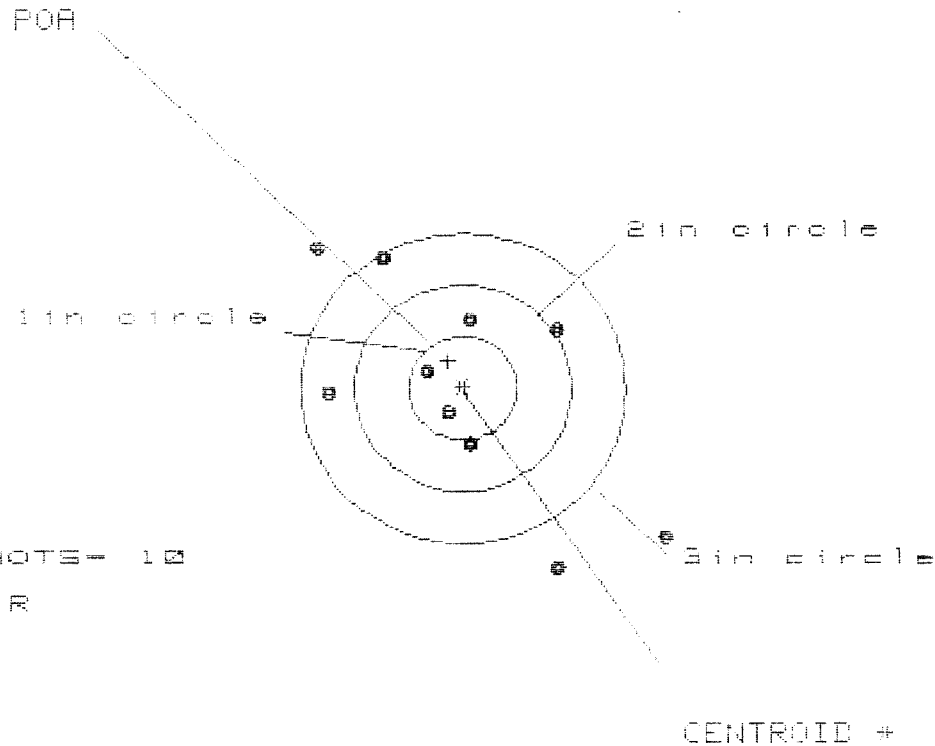
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.298	1.178	1.035
MINIMUM X	:	-1.078	-1.147	-1.234
MAXIMUM Y	:	1.036	.888	.846
MINIMUM Y	:	-1.340	-.754	-.643
CENTROID X	:	-.183	-.063	.080
CENTROID Y	:	-.085	.063	-.047
POA TO CENTROID in.	:	.202	.089	.093
MIN RADIUS	:	.526	.346	.301
MEAN RADIUS	:	.987	.865	.762
MAX RADIUS	:	1.720	1.450	1.329
HORIZONTAL SPREAD	:	2.376	2.325	2.269
VERTICAL SPREAD	:	2.376	1.642	1.489
EXTREME SPREAD	:	2.846	2.846	2.274
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Oct 1990

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 3.186

VS = 3.112

GS = 4.291

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.882	1.047	.910
MINIMUM X	:	-1.304	-1.095	-1.127
MAXIMUM Y	:	1.414	1.252	1.272
MINIMUM Y	:	-1.698	-1.860	-1.704
CENTROID X	:	.137	-.072	.065
CENTROID Y	:	-.266	-.104	-.260
POA TO CENTROID in.	:	.299	.126	.260
MIN RADIUS	:	.280	.116	.264
MEAN RADIUS	:	1.170	1.001	.916
MAX RADIUS	:	2.382	2.132	1.929
HORIZONTAL SPREAD	:	3.186	2.142	2.037
VERTICAL SPREAD	:	3.112	3.112	2.976
EXTREME SPREAD	:	4.291	3.775	3.379
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	