

C6636271

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington



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

MODEL 700™ H24

SERIAL NO.
C6636271

ORDER NO.
5716

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

06



5716 C6636271

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6636271

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/3/91	KS
600	Proof		5/3/91	KS
607	Check Headspace		5/3/91	KS
610	Dis-assemble Gun		5/3/91	KS
612	Magnaflux Barrel Action	5 8 9 1		KCD
	Magnaflux Bolt	5 8 9 1		KCD
615	Rollmark Caliber	5 8 9 1		GS
617	Drill and Tap Sight Holes	5 15 9 1		FB
618	Polish Barrel	5 15 9 1		WLB
620	Apply Coatings (Barrel Action)		5-29-91	TH
	Apply Coating (Bolt)		5-29-91	TH
625	Final Assembly A) Clean inside of Bolt Assembly		5/30/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/91	KS
	C) Inspect Ejector Hole for Chamfer		5/30/91	KS
	D) Oil Firing Pin Ass'y		5/31/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6-5-91	GU

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			6-5-91	SH
	G) Safety Off Force	3	3	3			6-5-91	SH
	H) Trigger Pull Test & Retainability						6-5-91	SH
	I) Firing Pin Indent	.022	.022	.022			6-5-91	SH
	J) Assemble Stock						6/5/91	KS
	K) Assemble Swivel Studs						6-14-91	SH
	L) Attach Front and Rear Sight Assemblies						6/5/91	KS
	M) Iron Sight Alignment						6/5/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/5/91	KS
	O) Attach Scope to Rifle						4/5/91	KS
	P) Detach & Attach Scope 20 Times						4/5/91	KS
640	Gallery Target & Test						6-6-91	AC
	A) Time						6-6-91	AC
	B) Malfunctions						6-6-91	AC
	C) Pierced Primers						6-6-91	AC
	D) Optical Clarity of Scope						6-6-91	AC
645	Inspect for Live Ammo						6-6-91	AC
655	Final Inspection							
	A) Headspace						6-14-91	SH
	B) Trigger Pull	2.14	2.18	2.15	2.13	2.16	6-13-91	SH
	C) Function						6-14-91	SH
660	Pack						6-19-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6636271

DATE 6-5-91

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.42	2.49	2.14	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.40	2.51	2.18	
PULL #3	2.45	2.47	2.43	2.15	
PULL #4	2.46	2.44	2.48	2.13	
PULL #5	2.48	2.52	2.44	2.16	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.53		
PULL #2	3.54	3.65		
PULL #3	3.43	3.29		
PULL #4	3.53	3.48		
PULL #5	3.53	3.51		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.26		4.54
PULL #2	4.42	4.23		4.56
PULL #3	4.46	4.41		4.52
PULL #4	4.49	4.44		4.61
PULL #5	4.43	4.50		4.55
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636271
6 Jun 1991

CENTROIDAL DISTANCES

0 TO 1	.552782
1 TO 2	.327341
1 TO 3	1.00022
1 TO 4	.886612
1 TO 5	.540098

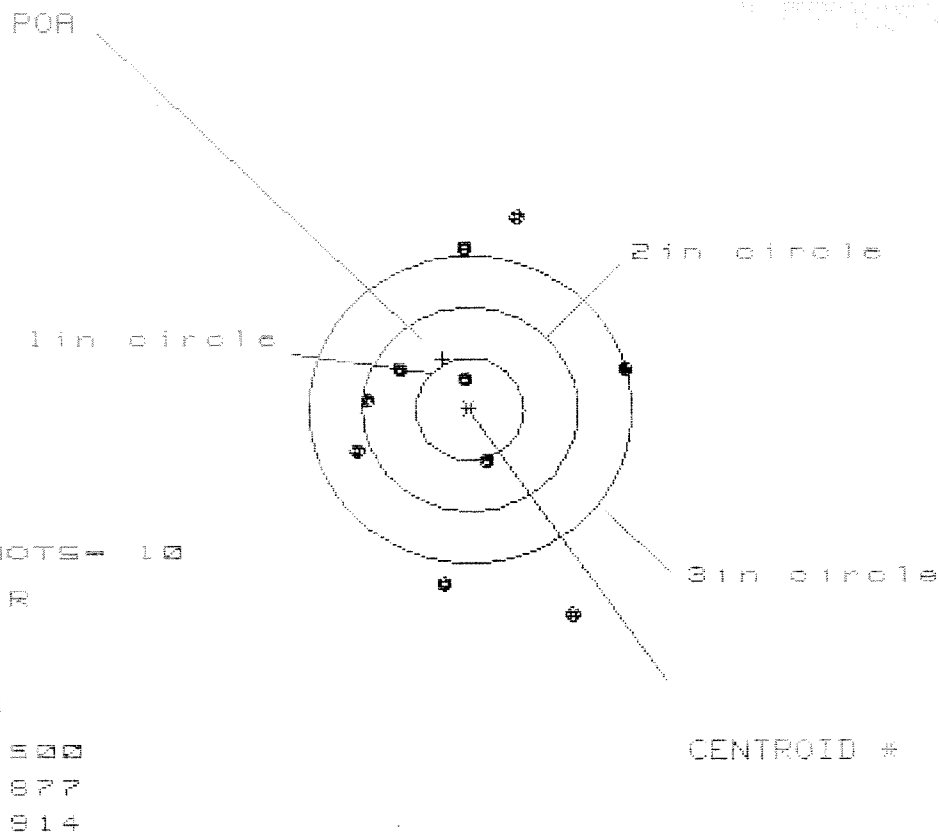
3⁴₅₂ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1534
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1348
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .204212
THE AMR FOR THIS RIFLE IS: 1.048

8 Jun 1991

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CENTERFIRE PATTERNS # 1



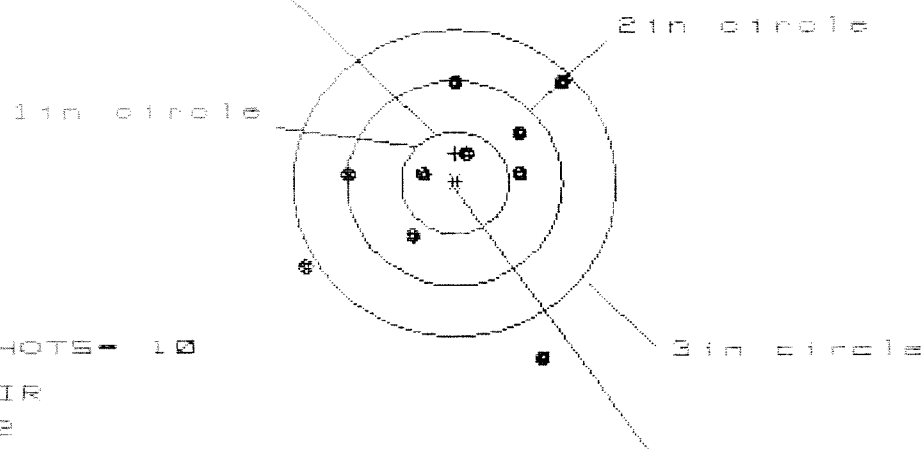
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.446	1.556	1.626
MINIMUM X	:	-1.054	-0.944	-0.874
MAXIMUM Y	:	1.883	1.661	1.528
MINIMUM Y	:	-1.994	-1.887	-1.679
CENTROID X	:	.252	.142	.072
CENTROID Y	:	-.492	-.270	-.478
POA TO CENTROID in.	:	.553	.306	.483
MIN RADIUS	:	.262	.070	.276
MEAN RADIUS	:	1.251	1.101	1.012
MAX RADIUS	:	2.225	1.892	1.680
HORIZONTAL SPREAD	:	2.500	2.500	2.500
VERTICAL SPREAD	:	3.877	3.548	3.207
EXTREME SPREAD	:	3.914	3.616	3.211
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	5		

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CENTERFIRE PATTERNS # 2

POA



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 8

HS = 2.425

VS = 2.685

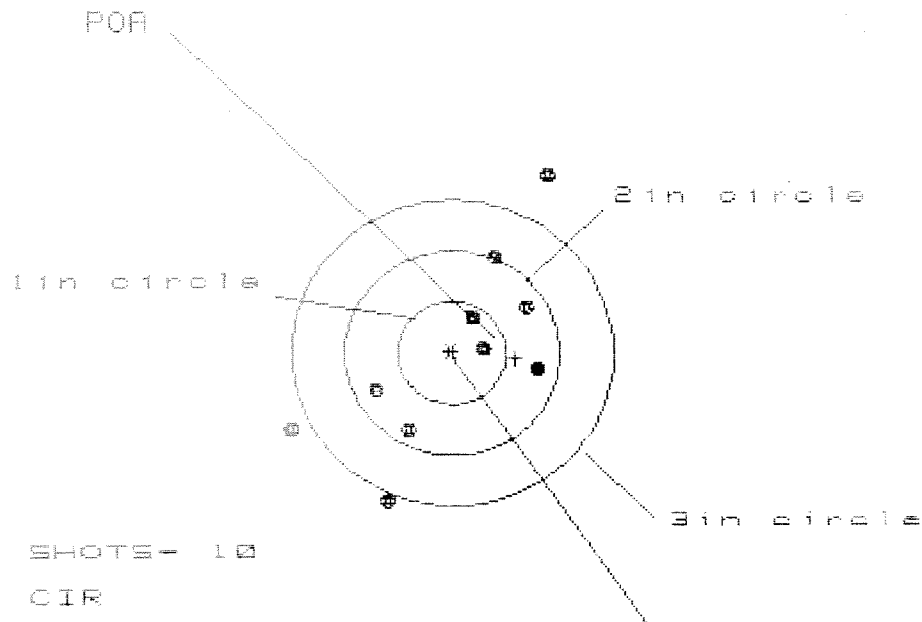
GS = 3.024

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.008	1.101	.935
MINIMUM X	:	-1.417	-1.324	-1.056
MAXIMUM Y	:	.995	.800	.683
MINIMUM Y	:	-1.690	-.998	-.793
CENTROID X	:	-.004	-.097	.069
CENTROID Y	:	-.288	-.101	.024
POA TO CENTROID in.	:	.288	.139	.073
MIN RADIUS	:	.309	.199	.012
MEAN RADIUS	:	.948	.809	.669
MAX RADIUS	:	1.883	1.659	1.158
HORIZONTAL SPREAD	:	2.425	2.425	1.991
VERTICAL SPREAD	:	2.685	1.806	1.476
EXTREME SPREAD	:	3.024	3.024	2.204
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.358

VS= 3.203

GS= 3.520

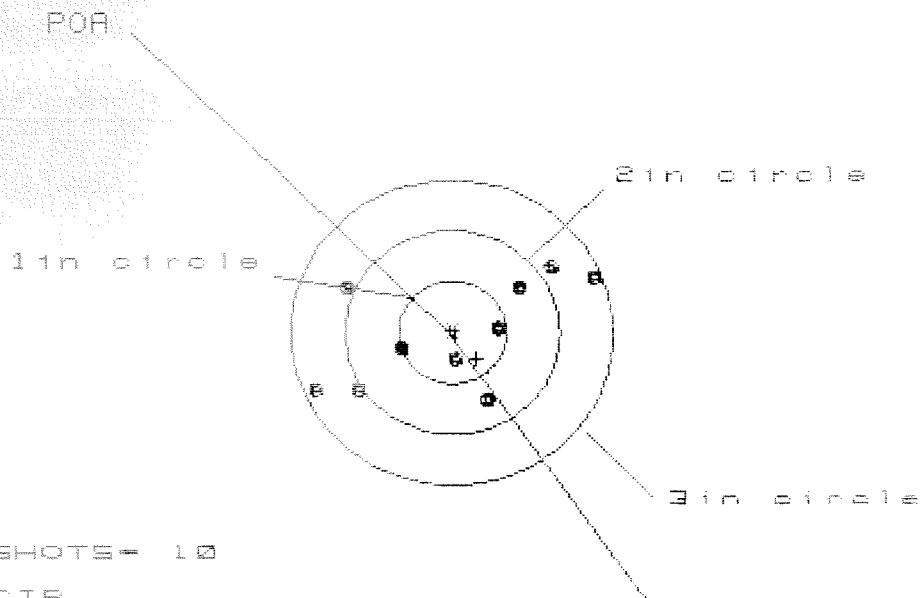
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.873	.920	.747
MINIMUM X	:	-1.485	-1.388	-.751
MAXIMUM Y	:	1.731	1.152	1.083
MINIMUM Y	:	-1.472	-1.279	-1.348
CENTROID X	:	-.588	-.685	-.512
CENTROID Y	:	.051	-.142	-.073
POA TO CENTROID in.	:	.591	.700	.517
MIN RADIUS	:	.247	.395	.211
MEAN RADIUS	:	1.016	.922	.813
MAX RADIUS	:	1.939	1.494	1.503
HORIZONTAL SPREAD	:	2.358	2.308	1.498
VERTICAL SPREAD	:	3.203	2.431	2.431
EXTREME SPREAD	:	3.520	2.616	2.616
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 2.605

VS = 1.276

GS = 2.847

CENTROID +

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.363	1.071	.935
MINIMUM X	:	-1.242	-1.091	-.961
MAXIMUM Y	:	.645	.709	.646
MINIMUM Y	:	-.631	-.567	-.630
CENTROID X	:	-.224	-.375	-.239
CENTROID Y	:	.256	.192	.255
POA TO CENTROID in.	:	.340	.421	.349
MIN RADIUS	:	.221	.231	.221
MEAN RADIUS	:	.872	.795	.734
MAX RADIUS	:	1.482	1.285	1.137
HORIZONTAL SPREAD	:	2.605	2.162	1.896
VERTICAL SPREAD	:	1.276	1.276	1.276
EXTREME SPREAD	:	2.847	2.479	2.185
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

+ OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 3.206

VS= 2.093

GS= 3.282

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.622	1.446	1.372
MINIMUM X	:	-1.584	-1.431	-1.250
MAXIMUM Y	:	.976	.852	.785
MINIMUM Y	:	-1.117	-.673	-.740
CENTROID X	:	-.203	-.027	-.208
CENTROID Y	:	-.201	-.077	-.010
POA TO CENTROID in.	:	.286	.082	.208
MIN RADIUS	:	.694	.567	.606
MEAN RADIUS	:	1.152	1.042	.970
MAX RADIUS	:	1.938	1.544	1.372
HORIZONTAL SPREAD	:	3.206	2.877	2.622
VERTICAL SPREAD	:	2.093	1.525	1.525
EXTREME SPREAD	:	3.282	2.881	2.661
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	