

C6649131

MODEL 700™ M24

Model **SWS**™

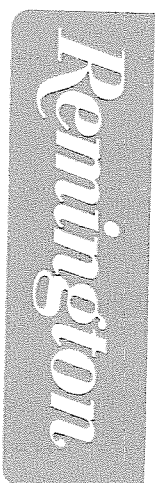
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TM M24

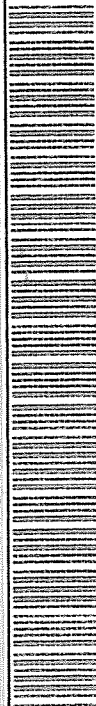
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

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

SERIAL NO.
 C6649131

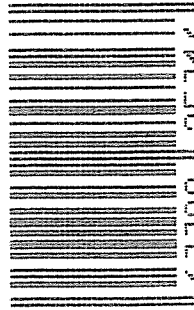
ORDER NO.
 5716

29



5716 C6649131

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649131

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/26/91	KA
600	Proof		6/26/91	KA
607	Check Headspace		6/26/91	KA
610	Dis-assemble Gun		6/26/91	KA
612	Magnaflux Barrel Action		JUL 1 8 1991	GS
	Magnaflux Bolt		JUL 1 8 1991	GS
615	Rollmark Caliber		JUL 1 8 1991	GS
617	Drill and Tap Sight Holes		JUL 1 8 1991	FB
618	Polish Barrel		JUL 20 1991	WB
620	Apply Coatings (Barrel Action)		8-7-91	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/91	KA
	C) Inspect Ejector Hole for Chamfer		8/8/91	KA
	D) Oil Firing Pin Ass'y		8/8/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		8-9-91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5 $\frac{1}{2}$	6			8-10-91	DH
	G) Safety Off Force	3	2 $\frac{3}{4}$	3			8-10-91	DH
	H) Trigger Pull Test & Retainability						8-9-91	SH
	I) Firing Pin Indent	.021	.020	.021			8-10-91	DH
	J) Assemble Stock						8-14-91	KL
	K) Assemble Swivel Studs						8-17-91	DH
	L) Attach Front and Rear Sight Assemblies						8-14-91	KL
	M) Iron Sight Alignment						8-14-91	KL
	N) Detach Front & Rear Sights & place in numbered container						8-14-91	KL
	O) Attach Scope to Rifle						8-14-91	KL
	P) Detach & Attach Scope 20 Times						8-14-91	KL
640	Gallery Target & Test						8-15-91	KT
	A) Time						..	KT
	B) Malfunctions						..	KT
	C) Pierced Primers						..	KT
	D) Optical Clarity of Scope						..	KT
645	Inspect for Live Ammo						8-15-91	KT
655	Final Inspection							
	A) Headspace						8-17-91	DH
	B) Trigger Pull	2.36	2.27	2.32	2.36	2.36	8-17-91	DH
	C) Function						8-17-91	DH
660	Pack						9-19-91	NE

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649131
27 AUG 1991

CENTROIDAL DISTANCES

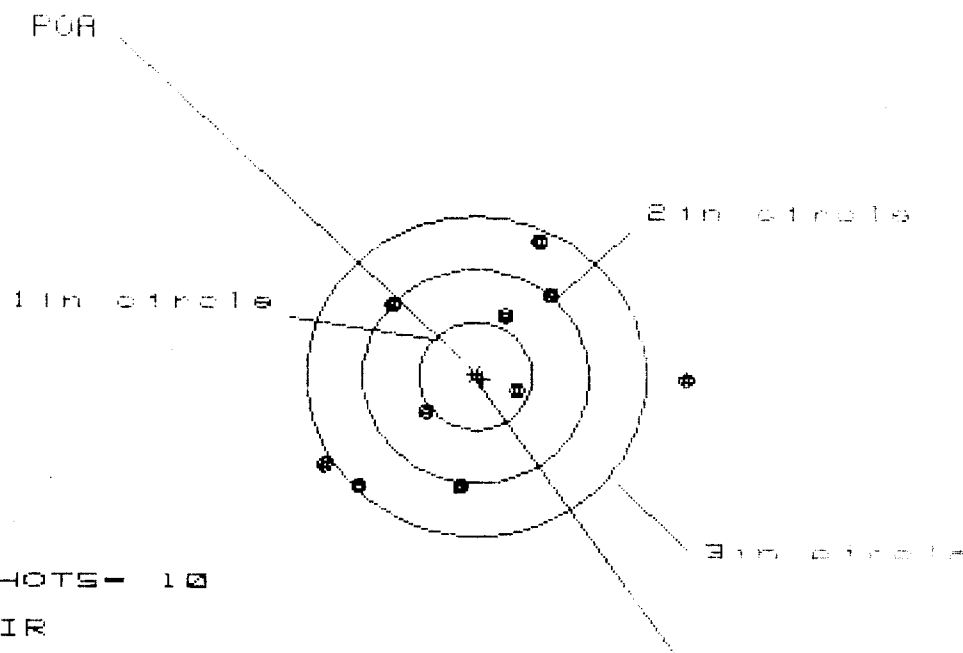
0 TO	1	.0666408
1 TO	2	.331958
1 TO	3	.200871
1 TO	4	.0161245
1 TO	5	.293138

5 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0343
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1336
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .120850
THE RME FOR THIS RIFLE IS: 1.033

FILE: PATTERNING/CENTERFIRE_PATT/06649131

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 3.109

VS= 2.376

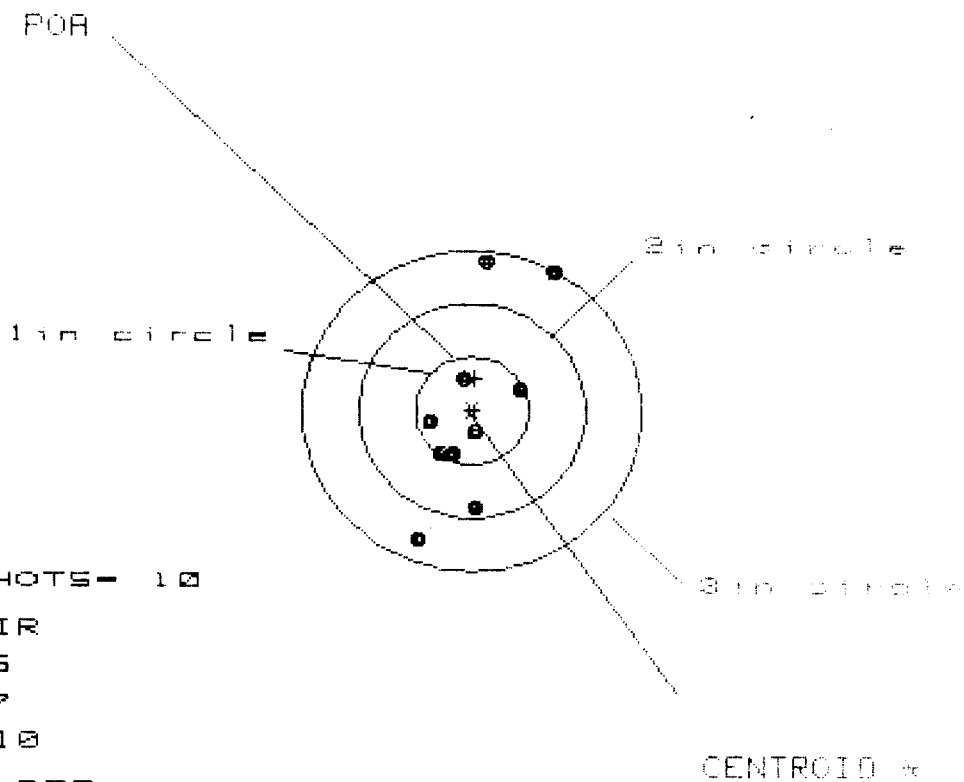
GS= 3.190

CENTROID +

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.818	.908	.771
MINIMUM X	:	-1.291	-1.089	-.925
MAXIMUM Y	:	1.318	1.310	1.211
MINIMUM Y	:	-1.058	-1.066	-1.165
CENTROID X	:	-.060	-.262	-.125
CENTROID Y	:	.029	.037	.136
POA TO CENTROID in.	:	.066	.264	.185
MIN RADIUS	:	.355	.386	.460
MEAN RADIUS	:	1.082	.993	.934
MAX RADIUS	:	1.819	1.501	1.433
HORIZONTAL SPREAD	:	3.109	1.997	1.696
VERTICAL SPREAD	:	2.376	2.376	2.376
EXTREME SPREAD	:	3.190	2.821	2.821
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 2



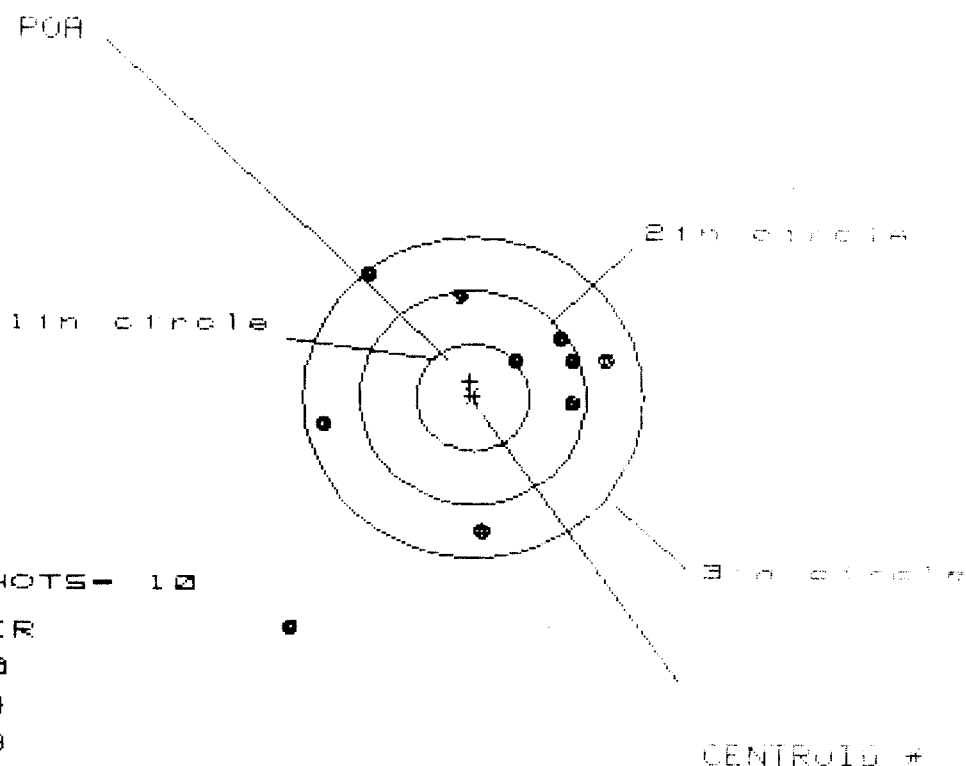
OF SHOTS- 10
 # IN CIR
 1in - 5
 2in - 7
 3in - 10
 HS- 1.200
 VS= 2.513
 GS= 2.692

PATTERN #	:	2	3	4
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.751	.490	.520
MINIMUM X	:	-.449	-.365	-.335
MAXIMUM Y	:	1.354	1.493	.631
MINIMUM Y	:	-1.159	-1.020	-.833
CENTROID X	:	-.024	-.108	-.138
CENTROID Y	:	-.301	-.440	-.627
POA TO CENTROID in.	:	.302	.453	.642
MIN RADIUS	:	.177	.083	.110
MEAN RADIUS	:	.726	.605	.469
MAX RADIUS	:	1.460	1.513	.898
HORIZONTAL SPREAD	:	1.200	.855	.855
VERTICAL SPREAD	:	2.513	2.513	1.464
EXTREME SPREAD	:	2.692	2.586	1.632
NUMBER IN ONE INCH CIRCLE =	:	5		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	10		

08649131

FILE: /PATTERNING/CENTERFIRE_PATT/08649131

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 2.806

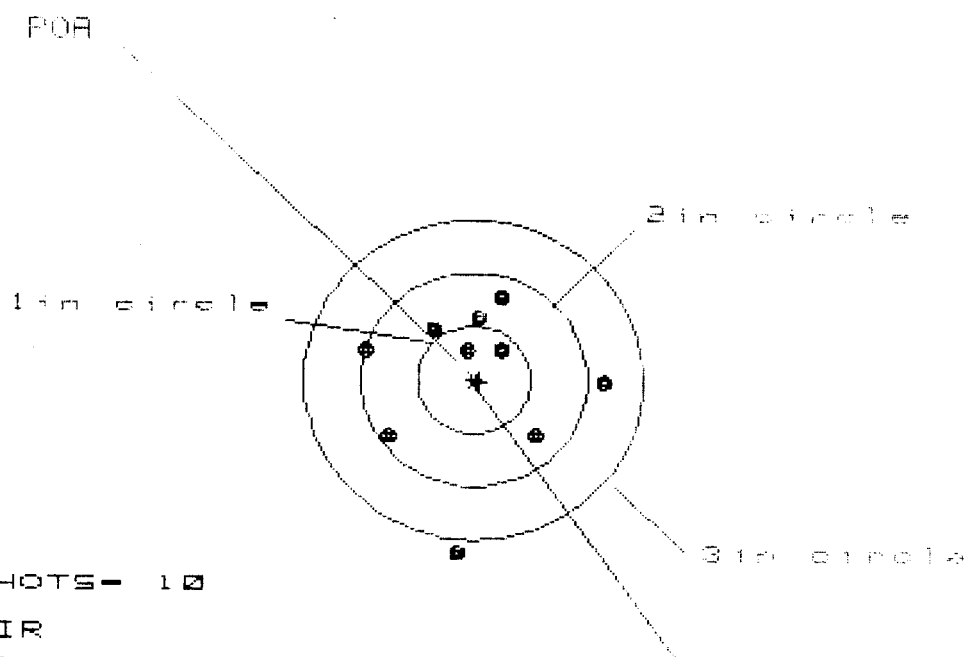
VS= 3.332

GS= 3.746

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.140	.955	.921
MINIMUM X	:	-1.666	-1.486	-1.620
MAXIMUM Y	:	1.163	.922	.871
MINIMUM Y	:	-2.169	-1.524	-1.409
CENTROID X	:	.025	.210	.344
CENTROID Y	:	-.153	.088	-.027
POA TO CENTROID in.	:	.155	.228	.345
MIN RADIUS	:	.513	.212	.255
MEAN RADIUS	:	1.221	.950	.866
MAX RADIUS	:	2.735	1.552	1.654
HORIZONTAL SPREAD	:	2.806	2.441	2.441
VERTICAL SPREAD	:	3.332	2.446	2.280
EXTREME SPREAD	:	3.746	2.624	2.495
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 2

2in - 8

3in - 9

HS- 2.125

VS- 2.411

GS- 2.438

CENTROID

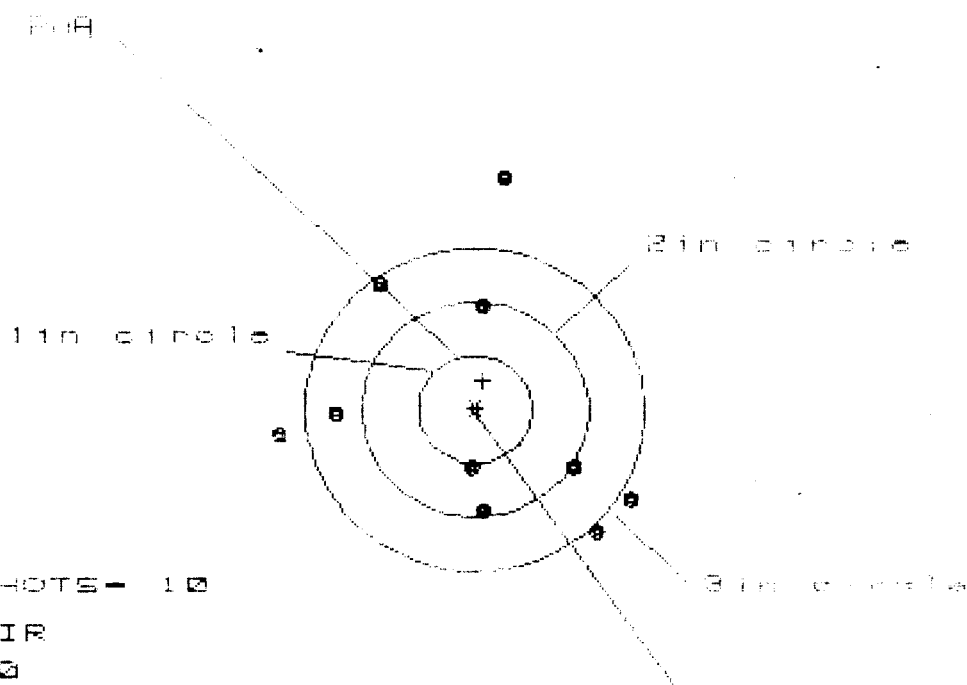
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.173	1.157	.628
MINIMUM X	:	-.952	-.968	-.824
MAXIMUM Y	:	.806	.628	.602
MINIMUM Y	:	-1.605	-.711	-.737
CENTROID X	:	-.046	-.030	-.174
CENTROID Y	:	.021	.199	.225
POA TO CENTROID in.	:	.050	.201	.285
MIN RADIUS	:	.311	.142	.135
MEAN RADIUS	:	.809	.665	.592
MAX RADIUS	:	1.611	1.176	.962
HORIZONTAL SPREAD	:	2.125	2.125	1.452
VERTICAL SPREAD	:	2.411	1.339	1.339
EXTREME SPREAD	:	2.438	2.150	1.666
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in - 2

2in - 2

3in - 6

MS- 3.096

MS= 3.268

GS= 3.385

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.375	1.400	1.188
MINIMUM X	:	-1.722	-1.696	-1.413
MAXIMUM Y	:	2.107	1.325	1.366
MINIMUM Y	:	-1.142	-1.906	-1.908
CENTROID X	:	.000	.001	.119
CENTROID Y	:	-.264	-.500	-.498
MS TO CENTROID IN.	:	.272	.509	.512
DI RADIUS	:	.575	.340	.390
MS RADIUS	:	1.328	1.194	1.110
MS RADIUS	:	2.136	1.696	1.712
MAXIMUM SPREAD	:	3.096	3.096	2.601
MINIMUM SPREAD	:	3.200	2.201	2.291
AVERAGE SPREAD	:	3.385	3.152	2.958
SHOTS IN 1IN INCH CIRCLE	=	0		
SHOTS IN 2IN INCH CIRCLE	=	2		
SHOTS IN 3IN INCH CIRCLE	=	6		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6649131

DATE 8-9-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.35	2.40	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.29	2.38	2.27	
PULL #3	2.20	2.28	2.44	2.32	
PULL #4	2.33	2.28	2.20	2.36	
PULL #5	2.33	2.35	2.28	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.44		
PULL #2	3.53	3.36		
PULL #3	3.49	3.51		
PULL #4	3.48	3.44		
PULL #5	3.57	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.55		4.45
PULL #2	4.49	4.44		4.44
PULL #3	4.28	4.50		4.51
PULL #4	4.35	4.46		4.43
PULL #5	4.35	4.44		4.45
TOTAL				
AVG.				