

C6649305

MODEL 700™ M24

Model **SWS**™

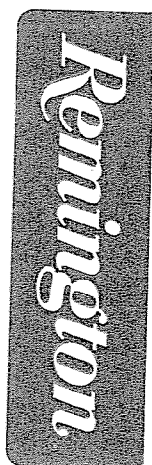
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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

MODEL 700TM H24

MADE IN LION, 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.

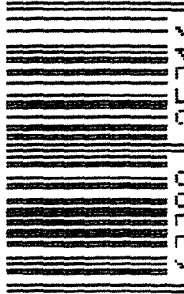
SERIAL NO.
C6649305

ORDER NO.
5716



5716 C6649305

UPC



0 47700 25716 7

9305

MOD. _____ GA. _____ GUN # ~~7256~~ ^A

CAL. _____

INSP. #	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
N	7/29	Bolt handle hit Stock + Shaver Brous	RW
	2nd		
	7/ 31/ 91	Reamed Ejector hole + Polish Ejector 100 lb Test	RW
	3rd		
		Crack in Stock A+ Tip Repaired 8/1/91	RW
	4th		
		FINAL INSPECTION	RD 6657 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	100 R.D. Test shot OK D/H	
TEST 7/7/91		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649305

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27	9 1	RW
600	Proof	6 27	9 1	RW
607	Check Headspace	6 27	9 1	RW
610	Dis-assemble Gun	6 27	9 1	RW
612	Magnaflux Barrel Action		JUL 2 1991	KR
	Magnaflux Bolt		JUL 2 1991	KR
615	Rollmark Caliber		JUL 2 1991	LS
617	Drill and Tap Sight Holes		JUL 2 1991	LB
618	Polish Barrel		JUL 17 1991	WB
620	Apply Coatings (Barrel Action)		7-22-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/91	RW
	C) Inspect Ejector Hole for Chamfer		7/25/91	RW
	D) Oil Firing Pin Ass'y		7/25/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7-26-91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			7-26-91	D/H
	G) Safety Off Force	3	3	3			7-26-91	D/H
	H) Trigger Pull Test & Retainability						7-26-91	JH.
	I) Firing Pin Indent	.020	.021	.020			7-26-91	D/H
	J) Assemble Stock						7/29/91	Rw
	K) Assemble Swivel Studs						8-7-91	D/H
	L) Attach Front and Rear Sight Assemblies						7/29/91	Rw
	M) Iron Sight Alignment						7/29/91	Rw
	N) Detach Front & Rear Sights & place in numbered container						7/29/91	Rw
	O) Attach Scope to Rifle						7/29/91	Rw
	P) Detach & Attach Scope 20 Times						7/29/91	Rw
640	Gallery Target & Test						7/29/91	NE
	A) Time						"	NE
	B) Malfunctions						"	NE
	C) Pierced Primers						"	NE
	D) Optical Clarity of Scope						"	NE
645	Inspect for Live Ammo						7-29-91	NE
655	Final Inspection							
	A) Headspace						8-7-91	D/H
	B) Trigger Pull	2.32	2.26	2.25	2.25	2.23	8-6-91	JH
	C) Function						8-7-91	D/H
660	Pack						7-7-91	D/H

SWS TRIGGER PULL TEST

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

SERIAL NO C-6649305
DATE 7-26-91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.20	2.38	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.44	2.48	2.26	
PULL #3	2.44	2.38	2.50	2.25	
PULL #4	2.42	2.43	2.36	2.25	
PULL #5	2.42	2.37	2.32	2.23	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.48		
PULL #2	3.37	3.41		
PULL #3	3.38	3.32		
PULL #4	3.47	3.26		
PULL #5	3.48	3.22		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.35		4.37
PULL #2	4.17	4.30		4.42
PULL #3	4.52	4.36		4.42
PULL #4	4.31	4.40		4.33
PULL #5	4.44	4.41		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649305
29 Jul 1991

CENTROIDAL DISTANCES

0 TO	1	.527873
1 TO	2	.830136
1 TO	3	.745405
1 TO	4	.467472
1 TO	5	.628029

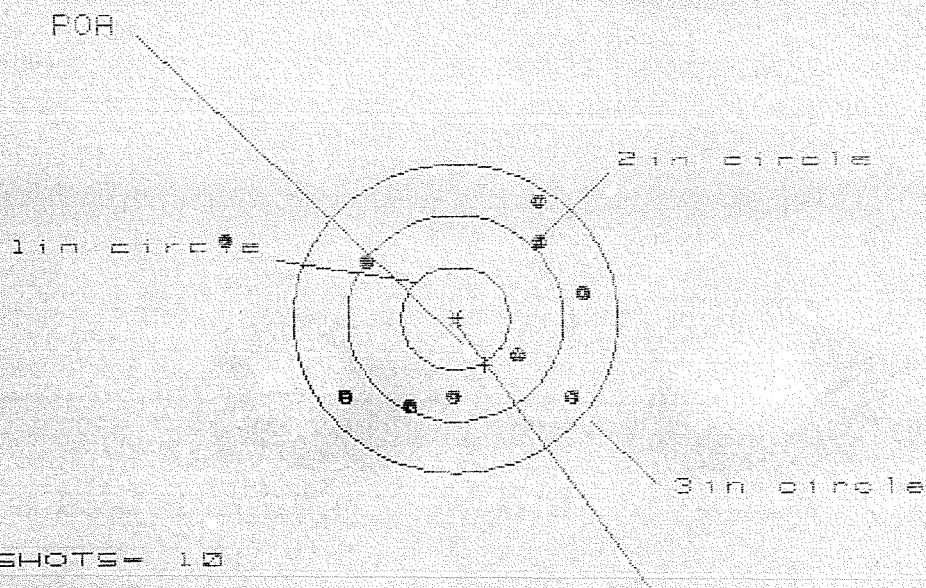
1 5
4 3 <---POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0938
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .087
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .127935
THE AMR FOR THIS RIFLE IS: .842

29 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08649385

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 3.359

VS= 2.024

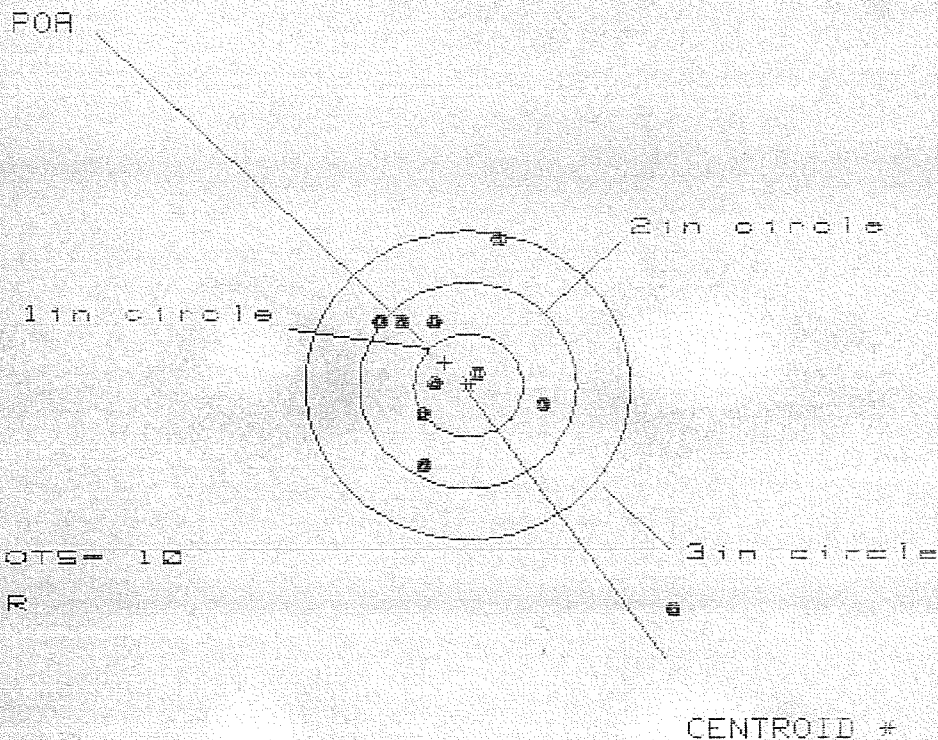
GS= 3.600

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.212	.974	1.046
MINIMUM X	:	-2.147	-1.221	-1.149
MAXIMUM Y	:	1.156	1.241	1.000
MINIMUM Y	:	-.868	-.783	-.628
CENTROID X	:	-.271	-.033	-.105
CENTROID Y	:	.453	.368	.213
POA TO CENTROID in.	:	.528	.369	.237
MIN RADIUS	:	.666	.425	.409
MEAN RADIUS	:	1.189	1.026	.960
MAX RADIUS	:	2.279	1.378	1.268
HORIZONTAL SPREAD	:	3.359	2.195	2.195
VERTICAL SPREAD	:	2.024	2.024	1.628
EXTREME SPREAD	:	3.600	2.601	2.380
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.749

VS= 3.572

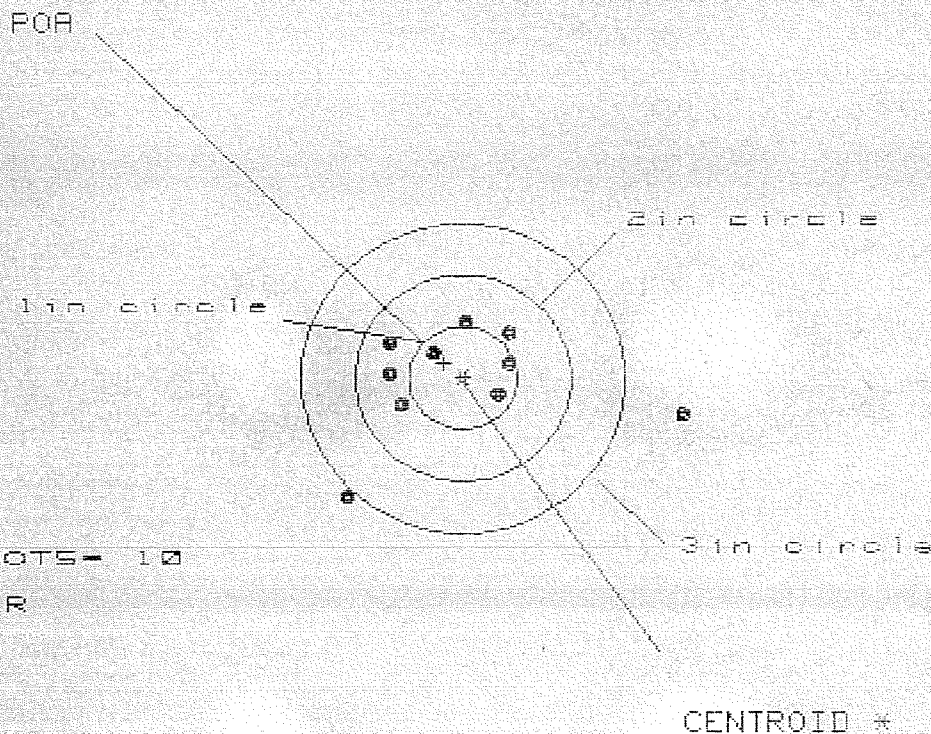
GS= 3.935

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.904	.916	.975
MINIMUM X	:	-.845	-.634	-.576
MAXIMUM Y	:	1.430	1.192	.548
MINIMUM Y	:	-2.142	-1.057	-.908
CENTROID X	:	.215	.004	-.035
CENTROID Y	:	-.220	.018	-.101
POA TO CENTROID in.	:	.308	.019	.142
MIN RADIUS	:	.174	.277	.119
MEAN RADIUS	:	.957	.685	.591
MAX RADIUS	:	2.866	1.279	1.001
HORIZONTAL SPREAD	:	2.749	1.550	1.550
VERTICAL SPREAD	:	3.572	2.249	1.456
EXTREME SPREAD	:	3.935	2.355	1.715
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 8

HS= 3.056

VS= 1.645

GS= 3.161

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.994	.677	.572
MINIMUM X	:	-1.062	-.840	-1.557
MAXIMUM Y	:	.499	.462	.314
MINIMUM Y	:	-1.146	-1.183	-.416
CENTROID X	:	.174	-.048	.057
CENTROID Y	:	-.145	-.108	.040
POA TO CENTROID in.	:	.227	.118	.070
MIN RADIUS	:	.370	.253	.190
MEAN RADIUS	:	.806	.641	.511
MAX RADIUS	:	2.023	1.451	.650
HORIZONTAL SPREAD	:	3.056	1.517	1.129
VERTICAL SPREAD	:	1.645	1.645	.730
EXTREME SPREAD	:	3.161	2.228	1.292
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 6

2 in - 10

3 in - 10

HS= 1.309

VS= 1.552

GS= 1.552

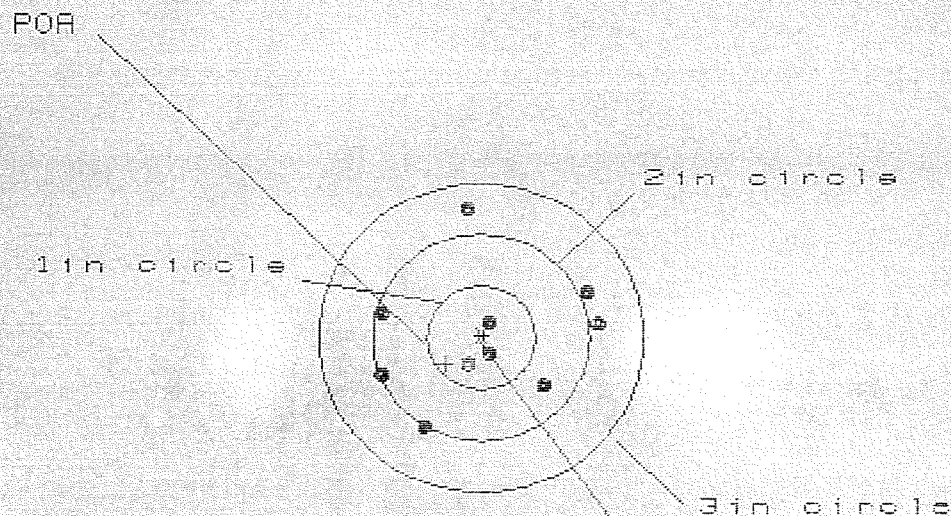
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.863	.425	.421
MINIMUM X	:	-.445	-.350	-.354
MAXIMUM Y	:	.771	.751	.651
MINIMUM Y	:	-.780	-.801	-.571
CENTROID X	:	.026	-.070	-.066
CENTROID Y	:	.092	.112	.212
POA TO CENTROID in.	:	.095	.132	.222
MIN RADIUS	:	.126	.060	.111
MEAN RADIUS	:	.488	.423	.381
MAX RADIUS	:	.883	.802	.651
HORIZONTAL SPREAD	:	1.309	.775	.775
VERTICAL SPREAD	:	1.552	1.552	1.222
EXTREME SPREAD	:	1.552	1.552	1.230
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 2.007

VS= 2.091

GS= 2.136

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.037	1.022	1.147
MINIMUM X	:	-.970	-.985	-.861
MAXIMUM Y	:	1.236	.533	.420
MINIMUM Y	:	-.855	-.717	-.651
CENTROID X	:	.325	.340	.215
CENTROID Y	:	.255	.117	.051
POA TO CENTROID in.	:	.413	.359	.221
MIN RADIUS	:	.150	.041	.076
MEAN RADIUS	:	.770	.693	.639
MAX RADIUS	:	1.244	1.126	1.190
HORIZONTAL SPREAD	:	2.007	2.007	2.007
VERTICAL SPREAD	:	2.091	1.250	1.071
EXTREME SPREAD	:	2.136	2.074	2.021
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	