

C6648970

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 700TM H24

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

20

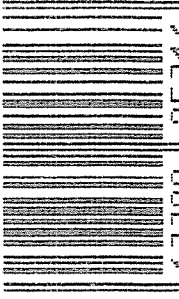
SERIAL NO.
C6648970

ORDER NO.
5716



5716 C6648970

UPC



0 47700 25716

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6648970

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	KL
600	Proof		7/24/91	KL
607	Check Headspace		7/24/91	KL
610	Dis-assemble Gun		7/24/91	KL
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	GS
617	Drill and Tap Sight Holes		AUG 7 1991	FB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8/27/91	KL
	Apply Coating (Bolt)		8/27/91	KL
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	KL
	C) Inspect Ejector Hole for Chamfer		8/29/91	KL
	D) Oil Firing Pin Ass'y		8/29/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		8/30/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8/30/91	gcy
	G) Safety Off Force	2	2	3			8/30/91	gcy
	H) Trigger Pull Test & Retainability						8/30/91	gcy
	I) Firing Pin Indent	.0215	.0215	.0215			8/30/91	gcy
	J) Assemble Stock						8/30/91	gcy
	K) Assemble Swivel Studs						9-10-91	DH
	L) Attach Front and Rear Sight Assemblies						8/30/91	gcy
	M) Iron Sight Alignment						8/30/91	gcy
	N) Detach Front & Rear Sights & place in numbered container						8/30/91	gcy
	O) Attach Scope to Rifle						8/30/91	gcy
	P) Detach & Attach Scope 20 Times						8/30/91	gcy
640	Gallery Target & Test						9-4-91	AC
	A) Time						9-4-91	AC
	B) Malfunctions						9-4-91	AC
	C) Pierced Primers						9-4-91	AC
	D) Optical Clarity of Scope						9-4-91	AC
645	Inspect for Live Ammo						9-4-91	AC
655	Final Inspection						9-10-91	DH
	A) Headspace						9-10-91	DH
	B) Trigger Pull	2.59	2.60	2.36	2.46	2.48	9-6-91	gcy
	C) Function						9-10-91	DH
660	Pack						9-18-91	AC

SWS TRIGGER PULL TEST

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

SERIAL NO. Q-6648970
DATE 8/30/91
TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.30	2.28	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.30	2.25	2.60	
PULL #3	2.29	2.20	2.30	2.36	
PULL #4	2.29	2.24	2.33	2.46	
PULL #5	2.29	2.24	2.25	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.40		
PULL #2	3.22	3.50		
PULL #3	3.23	3.28		
PULL #4	3.39	3.50		
PULL #5	3.40	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.35		4.44
PULL #2	4.38	4.38		4.36
PULL #3	4.37	4.40		4.42
PULL #4	4.41	4.42		4.42
PULL #5	4.38	4.35		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648970
4 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.4912
1 TO	2	.330823
1 TO	3	.574917
1 TO	4	.78154
1 TO	5	.683457

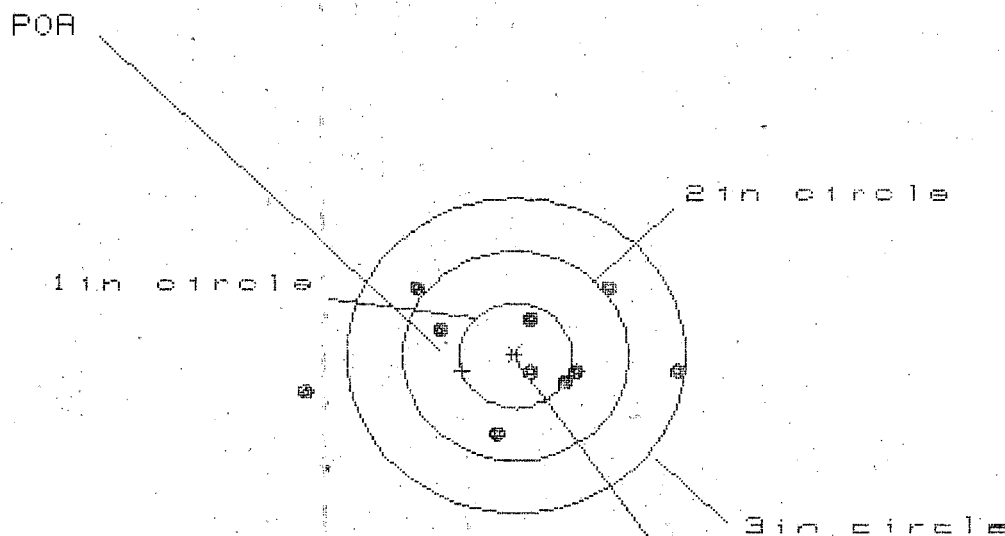
4912 <-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0476
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.061
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0773742
THE AMP FOR THIS RIFLE IS: .7438

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C864B970

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 3.271

VS = 1.466

GS = 3.284

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.429	1.225	.826
MINIMUM X	-1.842	-1.084	-.931
MAXIMUM Y	.680	.637	.619
MINIMUM Y	-.786	-.829	-.847
CENTROID X	.469	.673	.520
CENTROID Y	.146	.189	.207
POA TO CENTROID in.	.491	.699	.560
MIN RADIUS	.241	.229	.265
MEAN RADIUS	.878	.731	.677
MAX RADIUS	1.883	1.257	1.118
HORIZONTAL SPREAD	3.271	2.309	1.757
VERTICAL SPREAD	1.466	1.466	1.466
EXTREME SPREAD	3.284	2.437	1.758
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648970

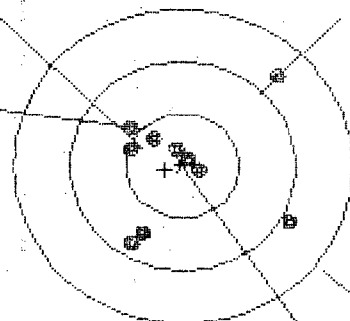
CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 10

HS= 1.434

VS= 1.614

GS= 2.077

CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.939	1.034	.405
MINIMUM X	-.495	-.400	-.271
MAXIMUM Y	.886	.501	.451
MINIMUM Y	-.728	-.630	-.680
CENTROID X	.157	.062	-.067
CENTROID Y	.036	-.062	-.012
POA TO CENTROID in.	.161	.088	.068
MIN RADIUS	.087	.224	.280
MEAN RADIUS	.582	.523	.436
MAX RADIUS	1.230	1.109	.718
HORIZONTAL SPREAD	1.434	1.434	.676
VERTICAL SPREAD	1.614	1.131	1.131
EXTREME SPREAD	2.077	1.695	1.132
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C864B370

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 5

2in = 7

3in = 8

HS= 3.097

VS= 1.768

GS= 3.431

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.755

.415

.272

MINIMUM X

-1.343

-1.148

-.797

MAXIMUM Y

.977

1.053

.964

MINIMUM Y

-.791

-.715

-.556

CENTROID X

-.028

-.222

-.079

CENTROID Y

-.143

-.219

-.130

POA TO CENTROID in.

.146

.312

.152

MIN RADIUS

.165

.133

.160

MEAN RADIUS

.781

.661

.555

MAX RADIUS

1.884

1.352

.972

HORIZONTAL SPREAD

3.097

1.563

1.069

VERTICAL SPREAD

1.768

1.768

1.520

EXTREME SPREAD

3.431

2.287

1.779

NUMBER IN ONE INCH CIRCLE =

5

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

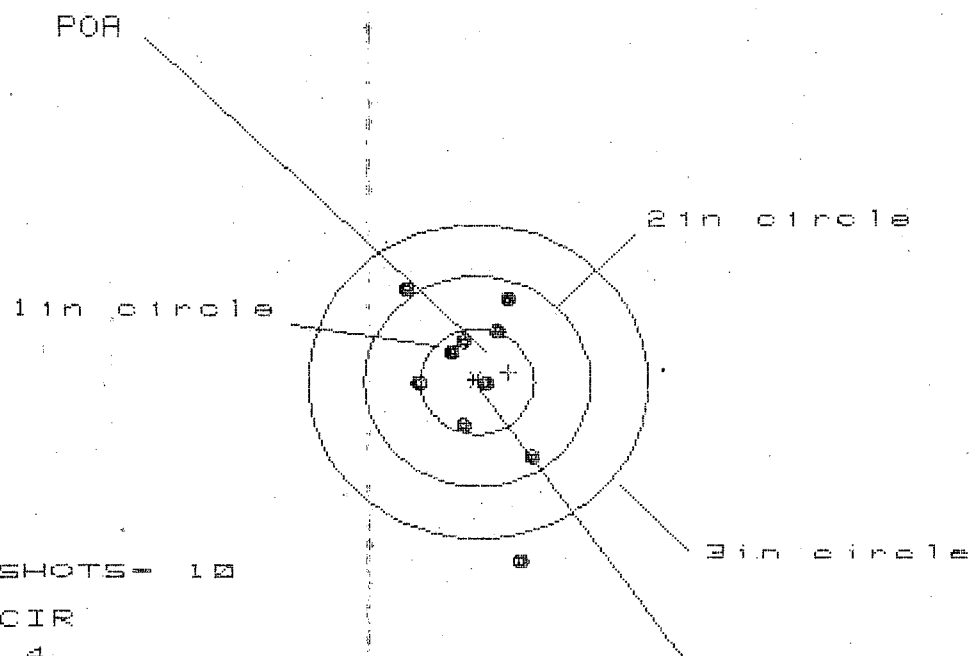
8

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6646970

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 1.068

VS= 2.519

GS= 2.703

CENTROID *

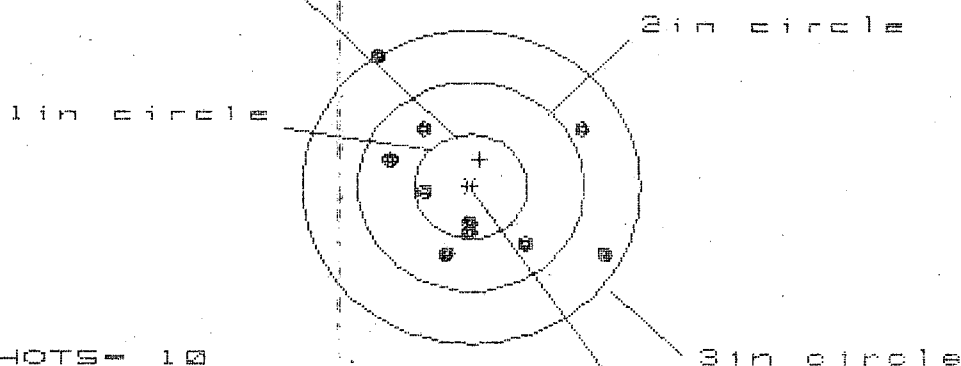
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.490	.534	.468
MINIMUM X	-.578	-.534	-.536
MAXIMUM Y	.855	.670	.678
MINIMUM Y	-1.664	-.851	-.767
CENTROID X	-.277	-.321	-.255
CENTROID Y	-.087	.098	.014
POA TO CENTROID in.	.290	.336	.255
MIN RADIUS	.121	.194	.180
MEAN RADIUS	.670	.521	.484
MAX RADIUS	1.712	1.005	.898
HORIZONTAL SPREAD	1.068	1.068	1.004
VERTICAL SPREAD	2.519	1.521	1.445
EXTREME SPREAD	2.703	1.859	1.455
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

4 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648370

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.043

VS= 1.976

GS= 2.842

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.224	1.134	1.004
MINIMUM X	-.819	-.847	-.706
MAXIMUM Y	1.297	.709	.643
MINIMUM Y	-.679	-.535	-.542
CENTROID X	-.083	.008	-.133
CENTROID Y	-.257	-.401	-.335
POA TO CENTROID in.	.270	.401	.360
MIN RADIUS	.347	.217	.277
MEAN RADIUS	.808	.702	.617
MAX RADIUS	1.534	1.253	1.188
HORIZONTAL SPREAD	2.043	1.981	1.710
VERTICAL SPREAD	1.976	1.244	1.185
EXTREME SPREAD	2.842	2.184	1.739
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		