

C6648940

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington[®]

MODEL 700TM H24

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

DU PONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6648940

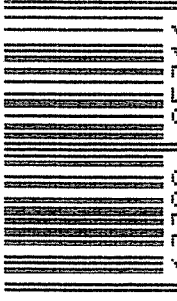
ORDER NO.
5716

20



5716 C6648940

UPC



0 47700 25716 2

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648940

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 2	9 1	RW
600	Proof	7 2	9 1	RW
607	Check Headspace	7 2	9 1	RW
610	Dis-assemble Gun	7 2	9 1	RW
612	Magnaflux Barrel Action		JUL 22 1991	GS
	Magnaflux Bolt		JUL 22 1991	GS
615	Rollmark Caliber		JUL 22 1991	GS
617	Drill and Tap Sight Holes		JUL 22 1991	FB
618	Polish Barrel		7/22/91	WB
620	Apply Coatings (Barrel Action)		8-28-91	DA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	RW
	C) Inspect Ejector Hole for Chamfer		8/28/91	RW
	D) Oil Firing Pin Ass'y		8/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/30/91	M

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/30/91	GH
	G) Safety Off Force	3	3	3			8/30/91	GH
	H) Trigger Pull Test & Retainability						8/30/91	GH
	I) Firing Pin Indent	.022	.022	.022			8/30/91	GH
	J) Assemble Stock						8/30/91	RW
	K) Assemble Swivel Studs						8-31-91	DH
	L) Attach Front and Rear Sight Assemblies						8/30/91	RW
	M) Iron Sight Alignment						8/30/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/30/91	RW
	O) Attach Scope to Rifle						8/30/91	RW
	P) Detach & Attach Scope 20 Times						8/30/91	RW
640	Gallery Target & Test						8-30-91	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						8-30-91	A
655	Final Inspection							
	A) Headspace						8-31-91	DH
	B) Trigger Pull	229	248	251	260	258	8-31-91	DH
	C) Function						8-31-91	DH
660	Pack						9-17-91	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6648940

DATE 8/30/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.28	2.30	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.30	2.35	2.48	
PULL #3	2.28	2.24	2.32	2.51	
PULL #4	2.31	2.25	2.26	2.60	
PULL #5	2.30	2.25	2.25	2.58	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.43		
PULL #2	3.40	3.32		
PULL #3	3.45	3.33		
PULL #4	3.23	3.18		
PULL #5	3.42	3.19		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.54	4.30		4.40
PULL #2	4.54	4.40		4.39
PULL #3	4.33	4.41		4.40
PULL #4	4.36	4.33		4.34
PULL #5	4.34	4.39		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6648940
30 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.429917
1 TO	2	.22655
1 TO	3	.497148
1 TO	4	.527834
1 TO	5	.541233

1# (----POR
5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1829
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1452
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .23345
THE AMR FOR THIS RIFLE IS: .8586

30 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8648340

CENTERFIRE PATTERNS # 1

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.860

VS= 2.006

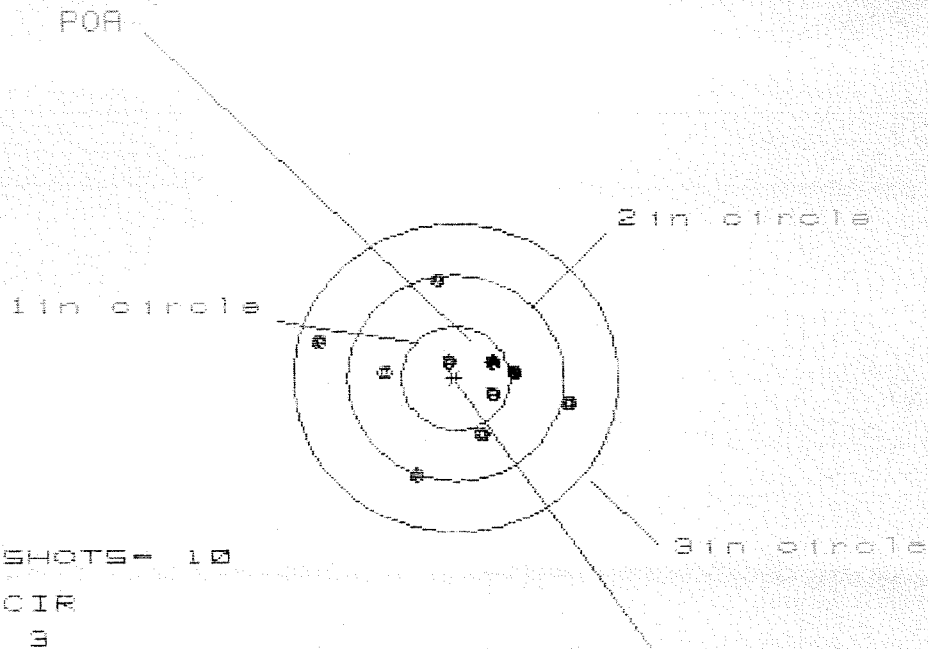
GS= 2.304

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.778	.745	.620
MINIMUM X	-1.082	-.996	-1.716
MAXIMUM Y	1.044	1.063	1.038
MINIMUM Y	-.962	-.846	-.871
CENTROID X	-.427	-.513	-.388
CENTROID Y	.050	-.066	-.041
POR TO CENTROID in.	.429	.517	.391
MIN RADIUS	.488	.512	.444
MEAN RADIUS	.838	.771	.728
MAX RADIUS	1.302	1.091	1.045
HORIZONTAL SPREAD	1.860	1.741	1.336
VERTICAL SPREAD	2.006	1.909	1.909
EXTREME SPREAD	2.304	1.921	1.921
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

30 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6648940

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.321

VS= 1.892

GS= 2.392

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.027	.883	.503
MINIMUM X	-1.294	-.774	-.664
MAXIMUM Y	.994	1.037	1.019
MINIMUM Y	-.898	-.855	-.873
CENTROID X	-.342	-.198	-.308
CENTROID Y	-.160	-.203	-.185
POA TO CENTROID in.	.377	.284	.359
MIN RADIUS	.122	.178	.154
MEAN RADIUS	.690	.585	.558
MAX RADIUS	1.351	1.091	1.044
HORIZONTAL SPREAD	2.321	1.657	1.167
VERTICAL SPREAD	1.892	1.892	1.892
EXTREME SPREAD	2.392	1.896	1.896
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

30 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C9848340

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 1.326

VS = 2.674

CS = 2.680

CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.613	.661	.714
MINIMUM X	-.713	-.665	-.582
MAXIMUM Y	.894	.696	.753
MINIMUM Y	-1.780	-1.263	-1.176
CENTROID X	.063	.015	-.068
CENTROID Y	-.034	.164	.077
POA TO CENTROID in.	.071	.165	.103
MIN RADIUS	.396	.356	.257
MEAN RADIUS	.836	.690	.641
MAX RADIUS	1.832	1.265	1.176
HORIZONTAL SPREAD	1.326	1.326	1.296
VERTICAL SPREAD	2.674	1.959	1.929
EXTREME SPREAD	2.680	2.092	1.957
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

30 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6646940

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 5

3 in = 9

HS = 3.673

VS = 1.781

GS = 3.686

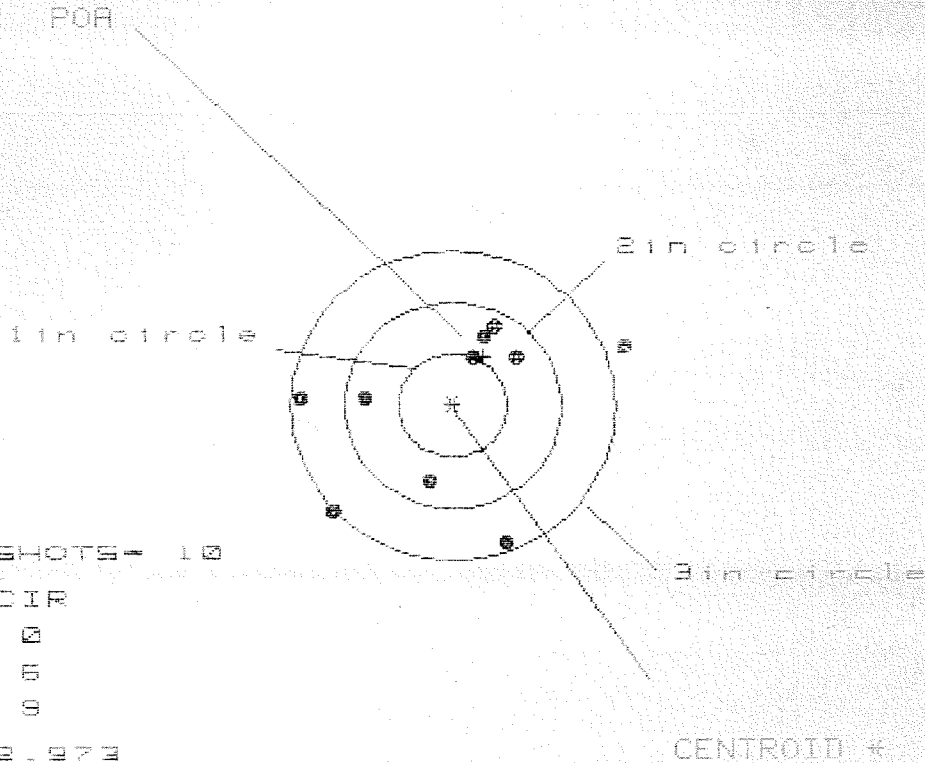
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.287	1.462	1.321
MINIMUM X	-1.386	-1.132	-.758
MAXIMUM Y	.893	.882	.831
MINIMUM Y	-.888	-.899	-.950
CENTROID X	.076	-.178	-.037
CENTROID Y	-.110	-.099	-.048
POA TO CENTROID in.	.134	.204	.060
MIN RADIUS	.096	.180	.043
MEAN RADIUS	.886	.737	.631
MAX RADIUS	2.289	1.493	1.368
HORIZONTAL SPREAD	3.673	2.594	2.079
VERTICAL SPREAD	1.781	1.781	1.781
EXTREME SPREAD	3.686	2.596	2.224
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

30 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8648340

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 2.973

VS= 2.071

GS= 3.065

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.568	.775	.662
MINIMUM X	-1.405	-1.231	-1.344
MAXIMUM Y	.750	.811	.694
MINIMUM Y	-1.321	-1.260	-1.377
CENTROID X	-.284	-.458	-.345
CENTROID Y	-.472	-.533	-.416
POA TO CENTROID in.	.551	.793	.540
MIN RADIUS	.517	.662	.501
MEAN RADIUS	1.043	.977	.905
MAX RADIUS	1.660	1.420	1.479
HORIZONTAL SPREAD	2.973	2.006	2.006
VERTICAL SPREAD	2.071	2.071	2.071
EXTREME SPREAD	3.065	2.315	2.315
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	