

C6649130

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington

Remington[®]

MODEL 700TM H24

UPPONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6649130

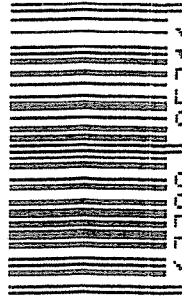
ORDER NO.
5716

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



5716 C6649130

UPC



0 47700 25716

CONTRACT # DAAA21-87-C-0086

GFMGUN SERIAL # **C6649130**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	KA
600	Proof		7/24/91	KA
607	Check Headspace		7/24/91	KA
610	Dis-assemble Gun		7/24/91	KA
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	GB
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	KA
	C) Inspect Ejector Hole for Chamfer		8/29/91	KA
	D) Oil Firing Pin Ass'y		8/29/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		9/12/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			9/12/91	SM
	G) Safety Off Force	3	3	3			9/12/91	SM
	H) Trigger Pull Test & Retainability						9/12/91	SM
	I) Firing Pin Indent	.0205	.021	.021			9/12/91	SM
	J) Assemble Stock						9/12/91	SM
	K) Assemble Swivel Studs						9-14-91	DH
	L) Attach Front and Rear Sight Assemblies						9/12/91	SM
	M) Iron Sight Alignment						9/12/91	SM
	N) Detach Front & Rear Sights & place in numbered container						9/12/91	SM
	O) Attach Scope to Rifle						9/12/91	SM
	P) Detach & Attach Scope 20 Times						9/12/91	SM
640	Gallery Target & Test						9/13/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						9/13/91	KT
655	Final Inspection							
	A) Headspace						9-14-91	DH
	B) Trigger Pull	2.19	2.15	2.16	2.17	2.17	9/14/91	SM
	C) Function						9-14-91	DH
660	Pack						9-14-91	SM

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6649130

DATE 9-12-91

TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.60	2.48	2.19	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.65	2.42	2.15	
PULL #3	2.51	2.57	2.45	2.16	
PULL #4	2.50	2.23	2.50	2.17	
PULL #5	2.43	2.43	2.46	2.17	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.30		
PULL #2	3.63	3.61		
PULL #3	3.63	3.63		
PULL #4	3.64	3.54		
PULL #5	3.46	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	4.21	4.35		4.57
PULL #2	4.55	4.40		4.58
PULL #3	4.42	4.42		4.50
PULL #4	4.46	4.41		4.53
PULL #5	4.53	4.45		4.58
TOTAL				
AVG.				

DRY-CHANCE CALCULATIONS
RIFLE # 06649130
1091

INDIVIDUAL DISTANCES

1 TO	1	.159298
1 TO	2	.0638201
1 TO	3	.481365
1 TO	4	.309343
1 TO	5	.297392

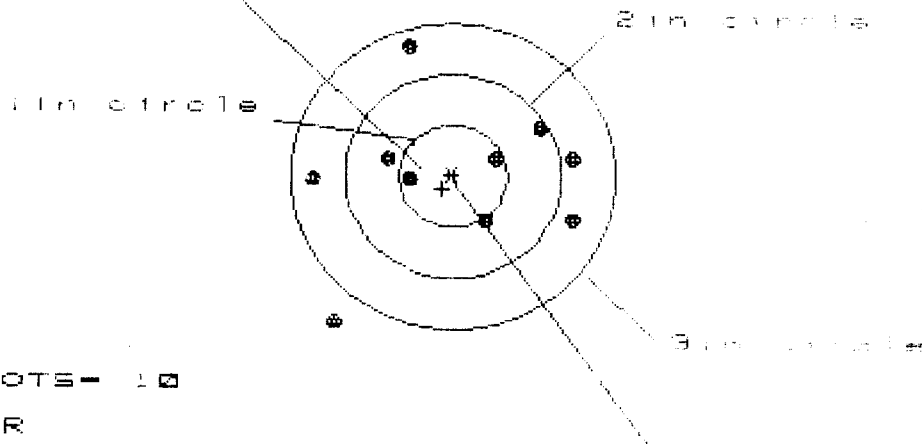
4³ 3 (-----POH

FOR THIS RIFLE IS: .966
OF THIS RIFLE IS: -1.025
DIST FOR THIS RIFLE IS: 1000

9922

1.2 PATTERNING/CENTERFIRE_PATT/04649103

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

15 = 2.422

40 = 2.699

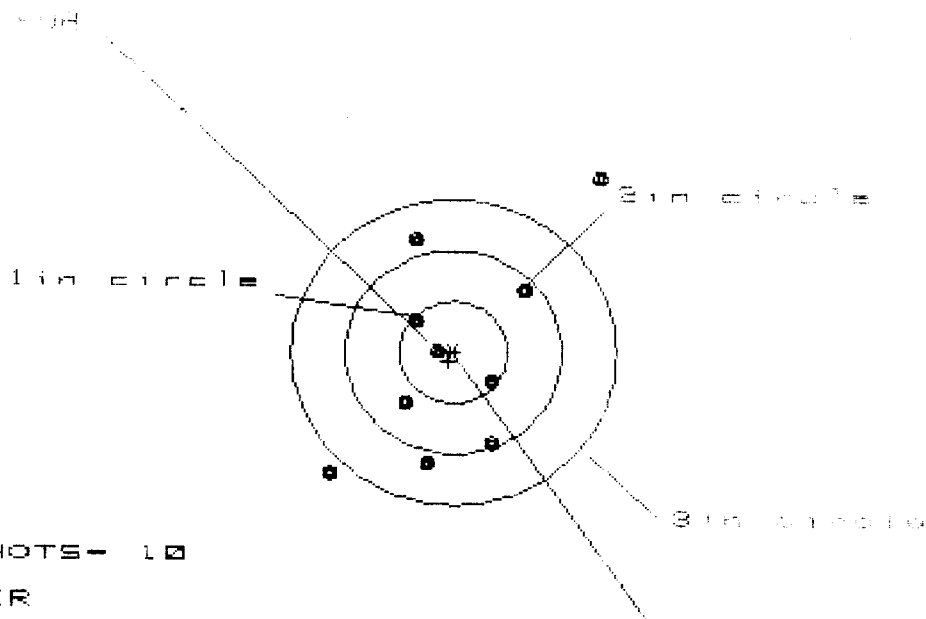
68 = 2.780

CENTROID *

PATTERN #	:	1		
# OF SHOTS	:	10	9	8
1 in	:	1.149	1.026	1.057
2 in	:	-1.273	-1.396	-1.465
3 in	:	1.294	1.137	1.475
4 in	:	-1.405	-1.587	-1.445
5 in	:	.100	.222	.291
6 in	:	.124	.280	.130
7 in	:	.159	.357	.022
8 in	:	.429	.273	.254
9 in	:	.977	.869	.000
10 in	:	1.786	1.411	1.467
11 in	:	2.422	2.422	2.422
12 in	:	2.699	1.724	.920
13 in	:	2.780	2.435	2.435
14 in	:		2	
15 in	:		5	
16 in	:		9	

FILE: PATTERNING/CENTERFIRE_PATT/06849130

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 2.584

VS= 2.843

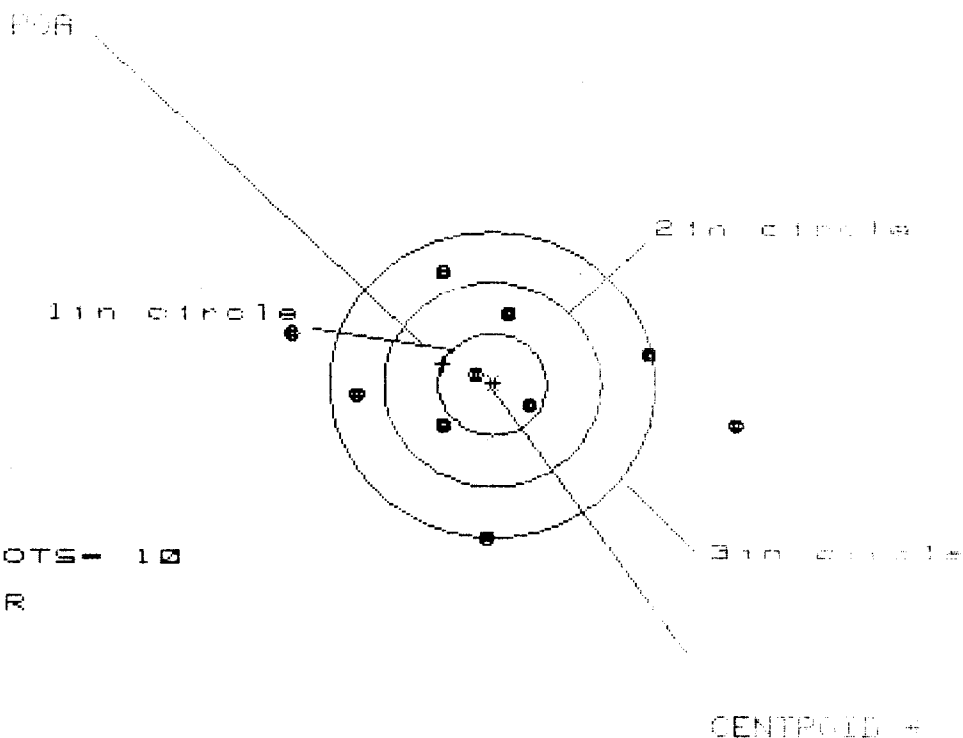
GS= 3.842

CENTROID X

PATTERN #	:	10	9	8
ARMS (BEST OF)	:	1.394	.832	.703
AR. MIN.	:	-1.190	-1.035	-.471
AR. MAX.	:	1.666	1.334	1.210
AR. MIN.	:	-1.177	-.992	-.992
AR. MAX.	:	.048	-.107	.022
AR. MIN.	:	.087	-.098	.026
AR. MAX.	:	.099	.145	.034
AR. MIN.	:	.135	.198	.131
AR. MAX.	:	.967	.814	.722
AR. MIN.	:	2.172	1.434	1.251
HORIZONTAL SPREAD	:	2.584	1.867	1.174
VERTICAL SPREAD	:	2.843	2.326	2.192
EXTREME SPREAD	:	3.842	2.595	2.194
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

FILE: PATTERNING/CENTERFIRE_PATT/C6649130

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 4.121

VS= 2.650

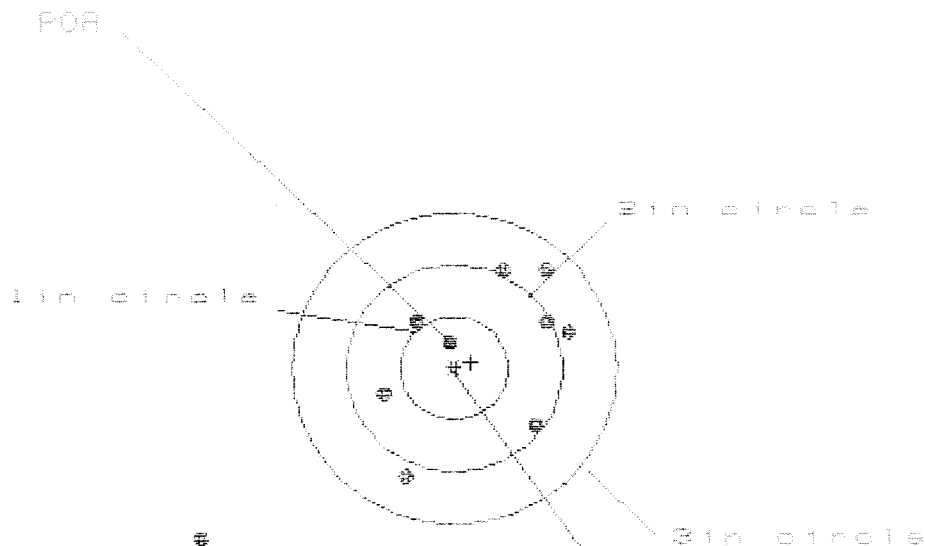
GS= 4.219

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.289	1.696	1.498
MINIMUM X	:	-1.832	-1.577	-1.214
MAXIMUM Y	:	1.116	1.069	1.124
MINIMUM Y	:	-1.534	-1.581	-1.526
ISH RADIUS	:	.456	.201	.399
CENTROID X	:	-.200	-.153	-.208
CENTROID Y	:	.498	.253	.450
ISH RADIUS	:	.198	.147	.170
ISH RADIUS	:	1.153	1.004	.910
ISH RADIUS	:	2.327	1.711	1.526
HORIZONTAL SPREAD	:	4.121	3.273	2.712
VERTICAL SPREAD	:	2.650	2.650	2.650
EXTREME SPREAD	:	4.219	3.280	2.742
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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FILE: PATTERNING/CENTERFIRE_PATT/CBB48130

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HO = 3.482

VS = 2.551

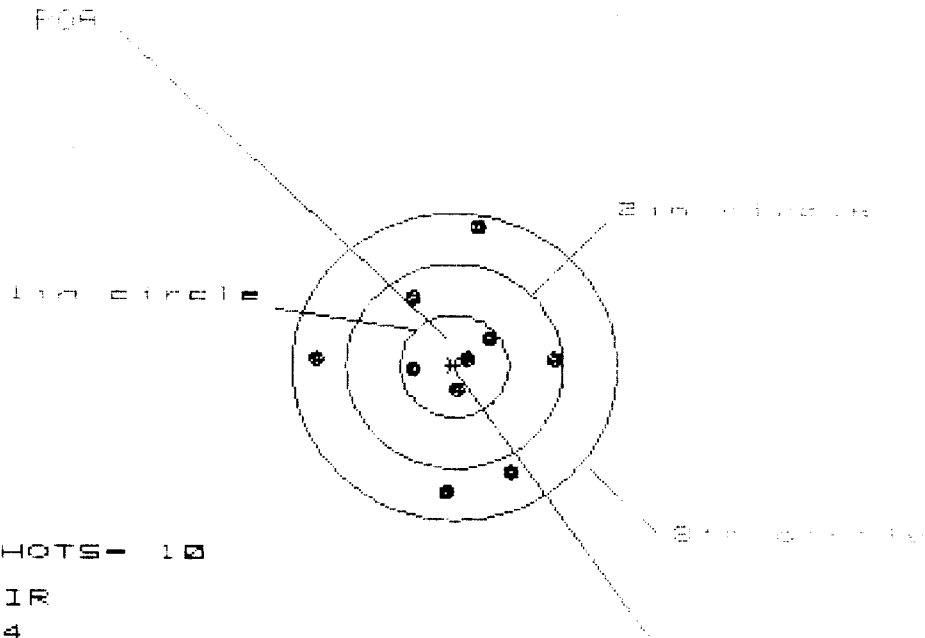
GS = 4.186

CENTROID X

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.044	.786	.851
MINIMUM X	-2.378	-.950	-.879
MAXIMUM Y	.941	.762	.833
MINIMUM Y	-1.618	-1.185	-1.096
CENTROID X	-.153	.111	.040
CENTROID Y	-.054	.125	.038
POA TO CENTROID (in)	.162	.167	.058
MIN RADIUS	.271	.346	.319
MEAN RADIUS	1.085	.833	.821
MAX RADIUS	2.872	1.398	1.288
HORIZONTAL SPREAD	3.422	1.738	1.738
VERTICAL SPREAD	2.551	1.947	1.923
EXTREME SPREAD	4.186	2.347	2.158
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

FILE: PATTERNING/CENTERFIRE_PAT10888136

CENTERFIRE PATTERNS



OF SHOTS- 10

IN CIR

1st = 4

2nd = 6

3rd = 10

HS= 2.120

VS= 2.580

GS= 2.596

CENTROID X

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.888	.909	.849
MINIMUM X	:	-1.232	-1.211	-1.221
MAXIMUM Y	:	1.330	.821	.683
MINIMUM Y	:	-1.250	-1.102	-1.172
CENTROID X	:	-.121	-.142	-.121
CENTROID Y	:	-.075	-.223	-.085
FOR TO CENTROID (in)	:	.143	.264	.157
MIN RADIOS	:	.082	.110	.036
MEAN RADIOS	:	.778	.718	.650
MAX RADIOS	:	1.343	1.230	1.233
HORIZONTAL SPREAD	:	2.120	2.120	2.120
VERTICAL SPREAD	:	2.580	1.923	1.656
EXTREME SPREAD	:	2.596	2.120	2.120
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	