

Standard

C6636050

MODEL 700TM M24

Model **SMS** TM

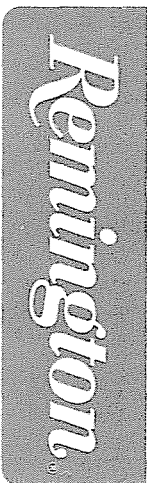
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington®
HODEL 700TM H24


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

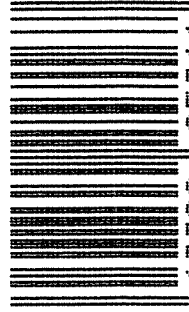
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.	SERIAL NO. C6636050	ORDER NO. 5716
	20	



5716 C6636050

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636050

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/23/91	K.S.
600	Proof		4/23/91	K.S.
607	Check Headspace		4/23/91	K.S.
610	Dis-assemble Gun		4/23/91	K.S.
612	Magnaflux Barrel Action	5 8 9 1		Kcd
	Magnaflux Bolt	5 8 9 1		Kcd
615	Rollmark Caliber	5 8 9 1		G.B.
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5-31-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/15/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/15/91	KA
	C) Inspect Ejector Hole for Chamfer		7/15/91	KA
	D) Oil Firing Pin Ass'y		7/15/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		7-16-91	JK

op. 625		READINGS					DATE	INIT
625 cont.	F) Safety On Force	7 1/2	7 1/2	7 1/2			7/16/91	WSB
	G) Safety Off Force	3	3	3			7/16/91	WSB
	H) Trigger Pull Test & Retainability						7-16-91	WSB
	I) Firing Pin Indent	.021	.022	.022			7/16/91	WSB
	J) Assemble Stock						7/16/91	KS
	K) Assemble Swivel Studs						7-23-91	DH
	L) Attach Front and Rear Sight Assemblies						7/16/91	KS
	M) Iron Sight Alignment						7/16/91	KS
	N) Detach Front & Rear Sights & place in numbered container						7/16/91	KS
	O) Attach Scope to Rifle						7/16/91	KS
P) Detach & Attach Scope 20 Times						7/16/91	KS	
640	Gallery Target & Test						7-18-91	DH
	A) Time						7-18-91	DH
	B) Malfunctions						7-18-91	DH
	C) Pierced Primers						7-18-91	DH
	D) Optical Clarity of Scope						7-18-91	DH
645	Inspect for Live Ammo						7-18-91	DH
655	Final Inspection							
	A) Headspace						7-23-91	DH
	B) Trigger Pull	2.53	2.32	2.30	2.20	2.22	7-22-91	WSB
	C) Function						7-23-91	DH
660	Pack						9-18-91	WSB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-66 36050

DATE 7-16-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.39	2.50	2.53	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.28	2.48	2.32	
PULL #3	2.31	2.26	2.55	2.30	
PULL #4	2.28	2.60	2.56	2.20	
PULL #5	2.27	2.54	2.52	2.22	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.69		
PULL #2	3.32	3.37		
PULL #3	3.21	3.31		
PULL #4	3.18	3.34		
PULL #5	3.14	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.51	4.34		4.27
PULL #2	4.55	4.38		4.45
PULL #3	4.54	4.37		4.48
PULL #4	4.56	4.45		4.51
PULL #5	4.56	4.48		4.49
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636050
18 JUL 1991

CENTROIDAL DISTANCES

0 TO	1	.39897
1 TO	2	.567387
1 TO	3	.435178
1 TO	4	.304
1 TO	5	.579615

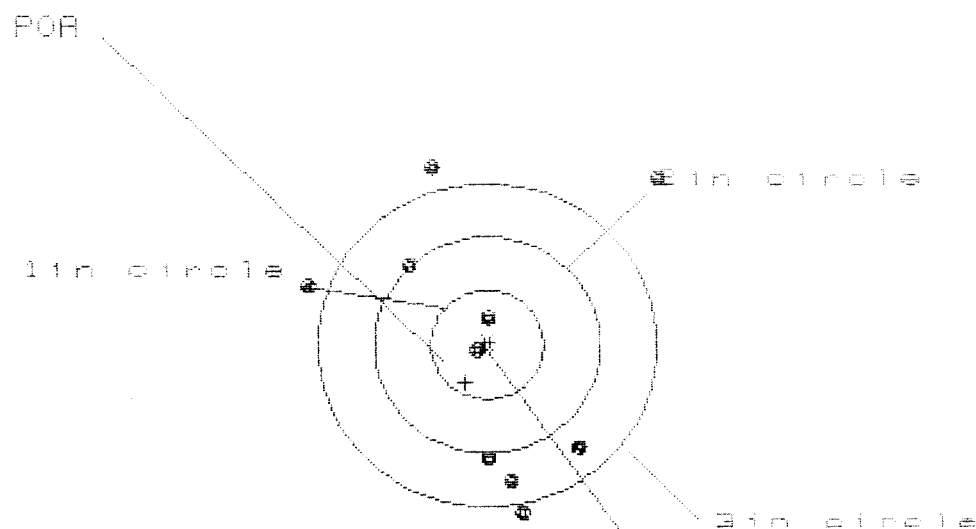
¹
205 (----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1796
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0304
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .102155
THE RMR FOR THIS RIFLE IS: 1.169

(8 JUL 1991)

FILE:/PATTERNING/CENTERFIRE_PATT/06636050

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 2

3 in = 6

ME = 3.044

VS = 3.158

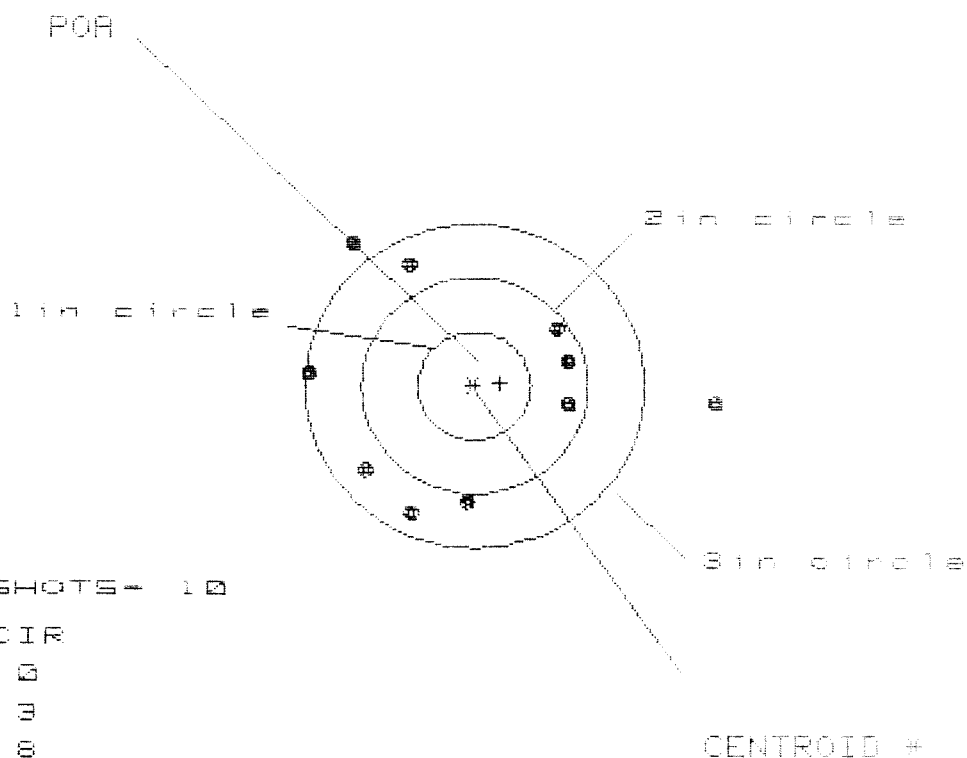
GS = 3.367

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.497	1.008	.966
MINIMUM X	-1.547	-1.381	-1.423
MAXIMUM Y	1.619	1.796	1.172
MINIMUM Y	-1.539	-1.362	-1.137
CENTROID X	.191	.025	.067
CENTROID Y	.348	.171	-.054
POA TO CENTROID in.	.397	.172	.086
MIN RADIUS	.123	.121	.309
MEAN RADIUS	1.203	1.080	.977
MAX RADIUS	2.189	1.827	1.694
HORIZONTAL SPREAD	3.044	2.389	2.389
VERTICAL SPREAD	3.158	3.158	2.389
EXTREME SPREAD	3.367	3.252	2.796
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	6		

18 JUL 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06536050

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 8

HS = 3.603

VS = 2.419

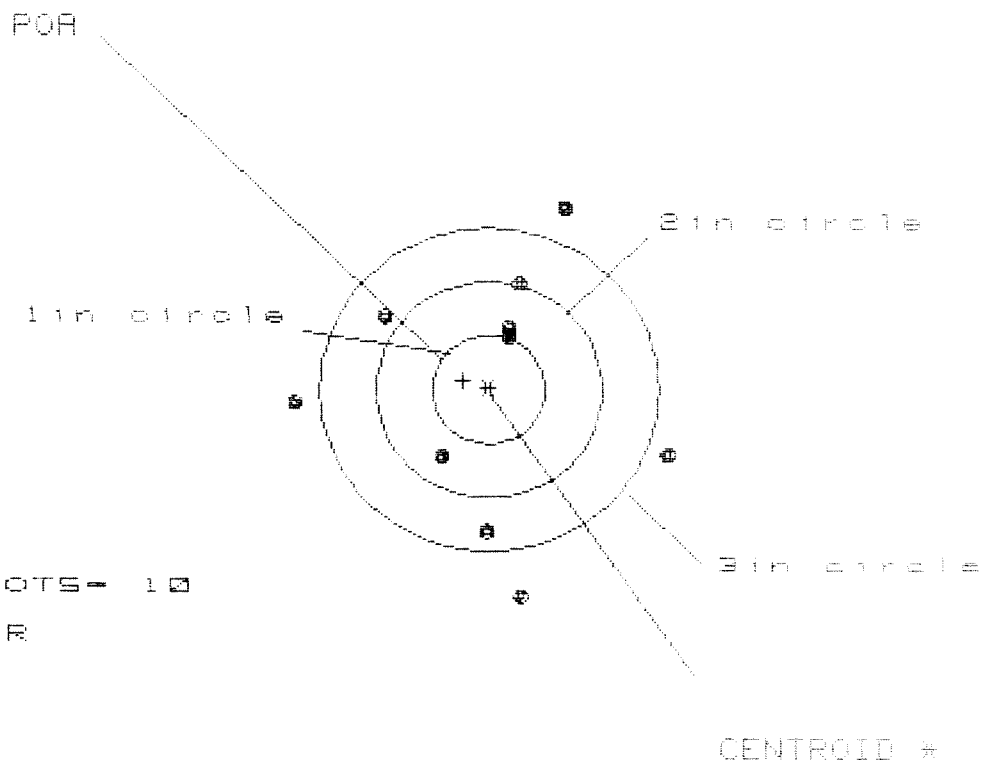
GS = 3.612

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.159	1.115	1.015
MINIMUM X	:	-1.444	-1.205	-1.305
MAXIMUM Y	:	1.290	1.275	1.257
MINIMUM Y	:	-1.129	-1.144	-0.985
CENTROID X	:	-0.233	-0.472	-0.372
CENTROID Y	:	-0.029	-0.014	-0.173
POA TO CENTROID in.	:	.234	.473	.410
MIN RADIUS	:	.834	1.065	.939
MEAN RADIUS	:	1.271	1.170	1.104
MAX RADIUS	:	2.163	1.509	1.332
HORIZONTAL SPREAD	:	3.603	2.320	2.320
VERTICAL SPREAD	:	2.419	2.419	2.242
EXTREME SPREAD	:	3.612	2.574	2.333
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636050

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 3.272

VS= 3.642

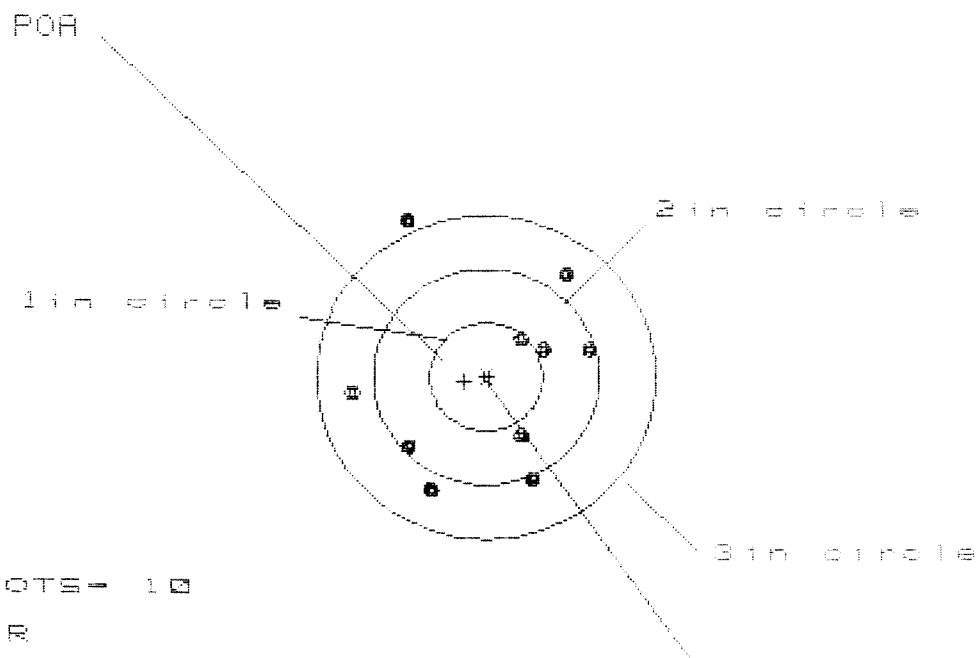
GS= 3.662

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.571	1.600	1.684
MINIMUM X	:	-1.701	-1.672	-1.588
MAXIMUM Y	:	1.715	1.501	1.005
MINIMUM Y	:	-1.927	-1.531	-1.343
CENTROID X	:	.223	.194	.110
CENTROID Y	:	-.086	.128	-.060
POA TO CENTROID in.	:	.239	.232	.125
MIN RADIUS	:	.485	.307	.509
MEAN RADIUS	:	1.257	1.136	1.093
MAX RADIUS	:	1.944	1.788	1.791
HORIZONTAL SPREAD	:	3.272	3.272	3.272
VERTICAL SPREAD	:	3.642	3.032	2.348
EXTREME SPREAD	:	3.662	3.312	3.312
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

18 JUL 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8636050

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.047

VS= 2.556

GS= 2.601

CENTROID #

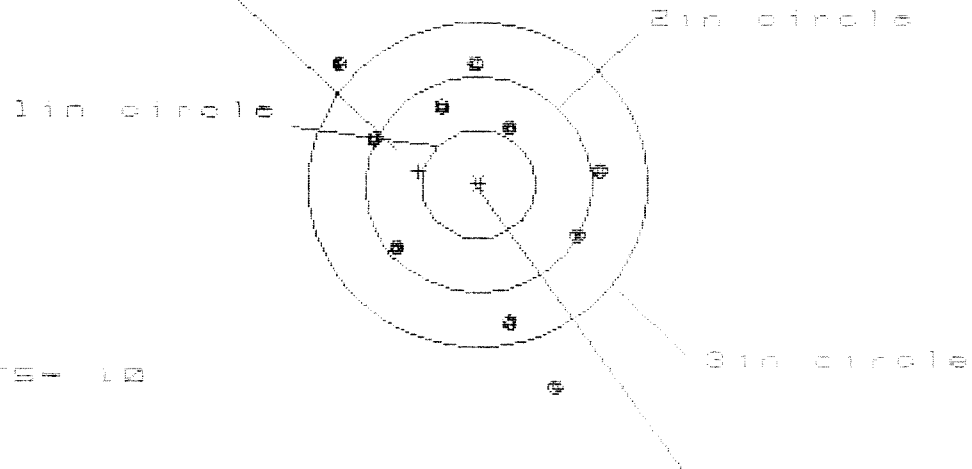
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.884	.810	.892
MINIMUM X	:	-1.163	-1.237	-1.155
MAXIMUM Y	:	1.494	1.126	.710
MINIMUM Y	:	-1.062	-.896	-.755
CENTROID X	:	.191	.265	.183
CENTROID Y	:	.044	-.122	-.263
POR TO CENTROID in.	:	.196	.292	.320
MIN RADIUS	:	.495	.422	.364
MEAN RADIUS	:	.971	.872	.810
MAX RADIUS	:	1.635	1.305	1.171
HORIZONTAL SPREAD	:	2.047	2.047	2.047
VERTICAL SPREAD	:	2.556	2.022	1.465
EXTREME SPREAD	:	2.601	2.363	2.075
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

18 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8696050

CENTERFIRE PATTERNS # 5

POR



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.257

VS= 3.024

GS= 3.534

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.037	1.107	.963
MINIMUM X	:	-1.220	-1.150	-.954
MAXIMUM Y	:	1.172	.967	1.086
MINIMUM Y	:	-1.852	-1.486	-1.357
CENTROID X	:	.526	.456	.600
CENTROID Y	:	-.125	.000	-.039
POR TO CENTROID in.	:	.541	.463	.601
MIN RADIUS	:	.623	.500	.512
MEAN RADIUS	:	1.145	1.019	.952
MAX RADIUS	:	1.956	1.521	1.379
HORIZONTAL SPREAD	:	2.257	2.257	1.917
VERTICAL SPREAD	:	3.024	2.453	2.453
EXTREME SPREAD	:	3.534	2.852	2.468
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	