

C6636056

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®  REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

SERIAL NO. C6636056	ORDER NO. 5716
-------------------------------	---------------------------------

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



5716 C6636056

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636056

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	4/3/91	K.S.
600	Proof		4/3/91	K.S.
607	Check Headspace		4/3/91	K.S.
610	Dis-assemble Gun		4/3/91	K.S.
612	Magnaflux Barrel Action		4/10/91	RR
	Magnaflux Bolt		4/10/91	11
615	Rollmark Caliber		4/10/91	GL
617	Drill and Tap Sight Holes		APR 9 1991	LB
618	Polish Barrel		APR 19 1991	WLB
620	Apply Coatings (Barrel Action)		5-10-91	TH
	Apply Coating (Bolt)		5-10-91	TH
625	Final Assembly A) Clean inside of Bolt Assembly		5/17/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/17/91	K.S.
	C) Inspect Ejector Hole for Chamfer		5/17/91	K.S.
	D) Oil Firing Pin Ass'y		5/17/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		5-18-91	D/H

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-18-91	K
	G) Safety Off Force	5	5	5			5-18-91	K
	H) Trigger Pull Test & Retainability						5-18-91	D/H
	I) Firing Pin Indent	.020	.021	.022			5-18-91	AC
	J) Assemble Stock						5/22/91	KS
	K) Assemble Swivel Studs						5/23/91	D/H
	L) Attach Front and Rear Sight Assemblies						5/22/91	KS
	M) Iron Sight Alignment						5/22/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/22/91	KS
	O) Attach Scope to Rifle						5/22/91	KS
	P) Detach & Attach Scope 20 Times						5/22/91	KS
640	Gallery Target & Test						5-22-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-22-91	AF
655	Final Inspection							
	A) Headspace						5-23-91	D/H
	B) Trigger Pull	2.29	2.35	2.30	2.31	2.25	5/23/91	D/H
	C) Function						5-23-91	D/H
660	Pack						6-19-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6636056

DATE 5-18-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.37	2.54	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.34	2.62	2.35	
PULL #3	2.39	2.36	2.53	2.30	
PULL #4	2.41	2.09	2.62	2.31	
PULL #5	2.36	2.28	2.37	2.25	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.17		
PULL #2	3.18	3.17		
PULL #3	3.16	3.17		
PULL #4	3.10	3.07		
PULL #5	3.15	3.08		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	- RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.44		4.37
PULL #2	4.33	4.35		4.48
PULL #3	4.37	4.35		4.40
PULL #4	4.43	4.45		4.44
PULL #5	4.39	4.36		3.95
TOTAL				
AVG.				

ACTUAL DISTANCE CALCULATIONS

RIFLE # 06636056

DATE 1991

ACTUAL DISTANCES

1 TO	1	.0700928
1 TO	2	.154564
1 TO	3	.110023
1 TO	4	.198759
1 TO	5	.211568

4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0012

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0368

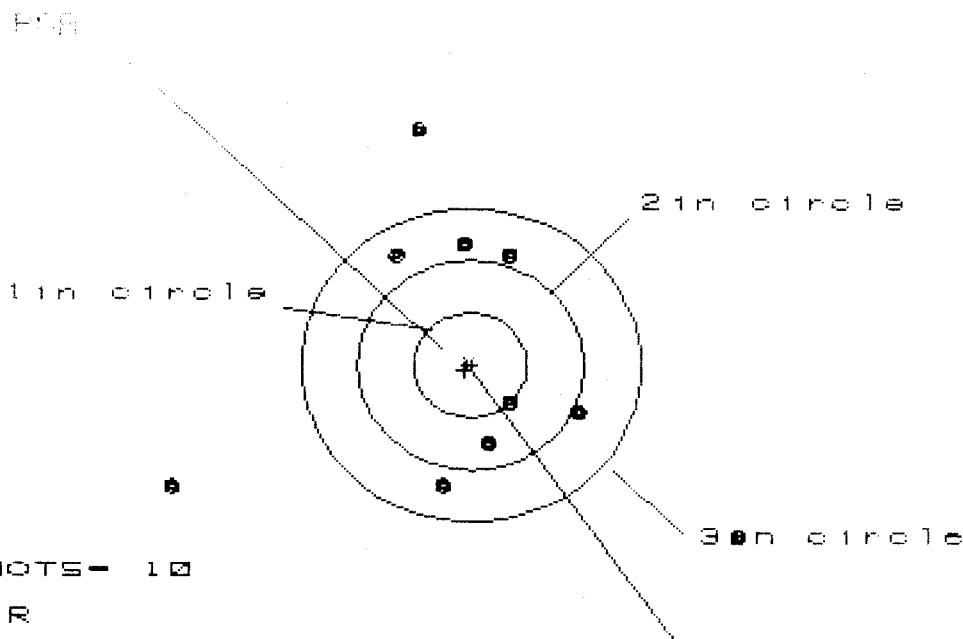
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0368196

THE RMR FOR THIS RIFLE IS: 1.184

20 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B36056

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 2

3in = 7

HS= 5.019

VS= 3.871

GS= 5.042

CENTROID #

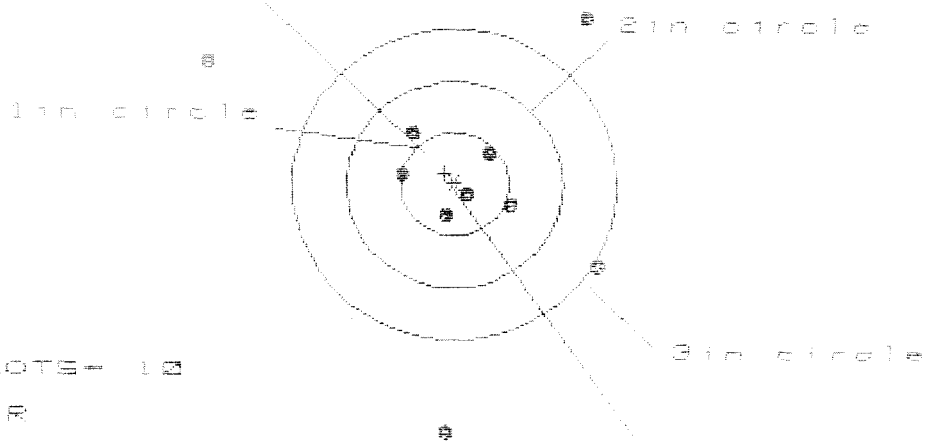
PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.342	2.044	.880
MINIMUM X	:	-2.677	-.988	-.732
MAXIMUM Y	:	2.245	2.117	1.898
MINIMUM Y	:	-1.626	-1.754	-1.535
CENTROID X	:	.052	.350	.094
CENTROID Y	:	.047	.175	.394
POA TO CENTROID in.	:	.070	.391	.405
MIN RADIUS	:	.495	.490	.762
MEAN RADIUS	:	1.504	1.322	1.141
MAX RADIUS	:	2.913	2.694	1.966
HORIZONTAL SPREAD	:	5.019	3.032	1.612
VERTICAL SPREAD	:	3.871	3.871	3.433
EXTREME SPREAD	:	5.042	4.786	3.437
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	7		

22 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/0663B056

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 6

HS= 3.565

VS= 3.987

GS= 4.200

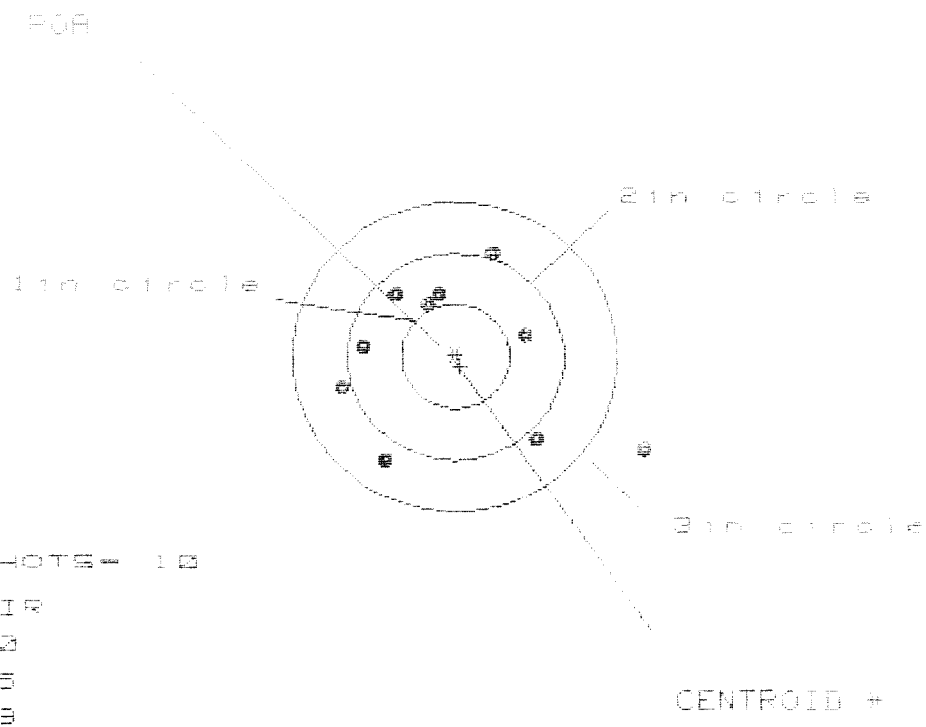
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.274	1.019	.972
MINIMUM X	:	-2.291	-.757	-.804
MAXIMUM Y	:	1.630	1.765	1.488
MINIMUM Y	:	-2.357	-2.222	-.986
CENTROID X	:	.085	.340	.387
CENTROID Y	:	-.104	-.239	.038
FOR TO CENTROID in.	:	.135	.416	.369
MIN RADIUS	:	.135	.135	.159
MEAN RADIUS	:	1.104	.934	.761
MAX RADIUS	:	2.594	2.253	1.738
HORIZONTAL SPREAD	:	3.565	1.776	1.776
VERTICAL SPREAD	:	3.987	3.987	2.474
EXTREME SPREAD	:	4.200	4.200	2.475
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		6	

22 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C0663B0258

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 9

HS = 2.736

VS = 1.997

GS = 2.791

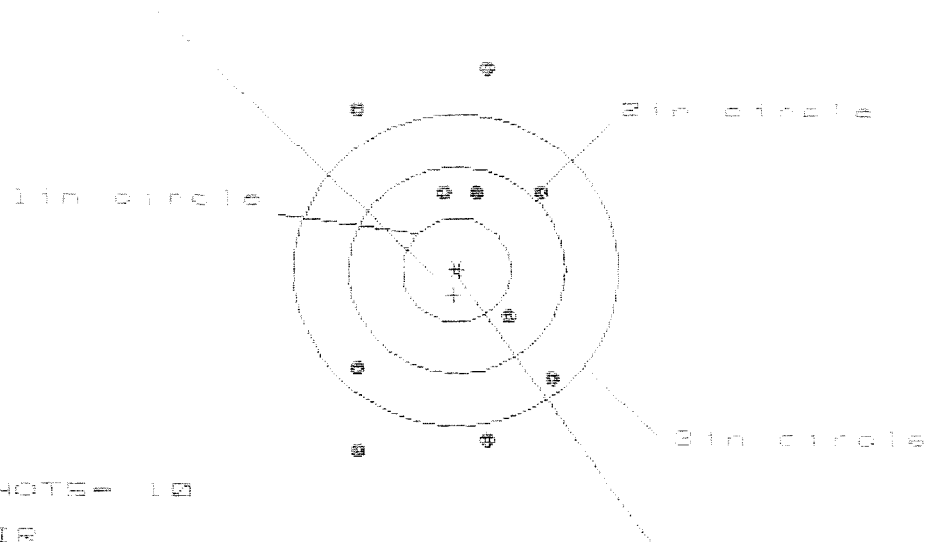
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.708	.889	.836
MINIMUM X	-1.028	-.838	-.891
MAXIMUM Y	1.038	.942	.810
MINIMUM Y	-.959	-1.055	-1.028
CENTROID X	-.047	-.237	-.184
CENTROID Y	.095	.191	.323
POA TO CENTROID in.	.106	.304	.372
MIN RADIUS	.553	.404	.288
MEAN RADIUS	.968	.815	.741
MAX RADIUS	1.915	1.262	1.325
HORIZONTAL SPREAD	2.736	1.727	1.727
VERTICAL SPREAD	1.997	1.997	1.838
EXTREME SPREAD	2.791	2.211	1.925
NUMBER IN ONE INCH CIRCLE =	0	5	9
NUMBER IN TWO INCH CIRCLE =	0	5	9
NUMBER IN THREE INCH CIRCLE =	0	5	9

22 May 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C863B056

CENTERFIRE PATTERNS # 4

POA



OF SHOTS = 10

IN CIR

1in = 4

2in = 3

3in = 3

HS = 1.894

VS = 3.779

GS = 3.685

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.896	.790	.810
MINIMUM X	:	-.958	-1.031	-1.011
MAXIMUM Y	:	2.001	1.803	1.816
MINIMUM Y	:	-1.778	-1.882	-1.656
CENTROID X	:	.019	.125	.105
CENTROID Y	:	.243	.441	.215
POA TO CENTROID in.	:	.244	.458	.240
MIN RADIUS	:	.638	.573	.560
MEAN RADIUS	:	1.358	1.251	1.184
MAX RADIUS	:	2.020	1.889	1.906
HORIZONTAL SPREAD	:	1.854	1.821	1.821
VERTICAL SPREAD	:	3.779	3.685	3.272
EXTREME SPREAD	:	3.973	3.685	3.484
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

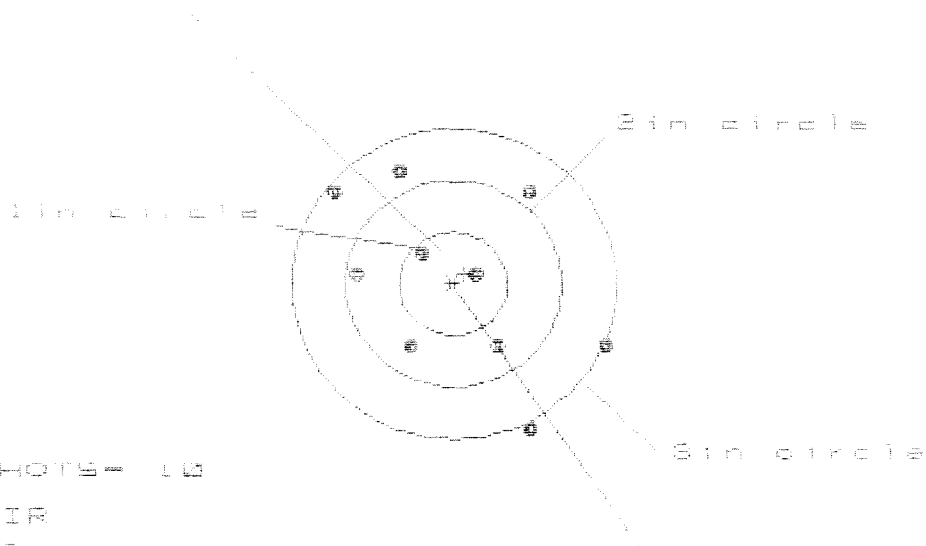
22 Nov 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8636856

CENTERFIRE PATTERNS

5

FOR



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.503

VS= 2.513

GS= 2.904

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.367	1.440	.989
MINIMUM X	:	-1.136	-1.063	-.883
MAXIMUM Y	:	1.103	.946	.848
MINIMUM Y	:	-1.410	-.807	-.985
CENTROID X	:	-.103	-.176	-.356
CENTROID Y	:	-.097	.060	.158
FOR TO CENTROID in.	:	.141	.186	.389
MIN RADIUS	:	.204	.273	.069
MEAN RADIUS	:	.987	.909	.789
MAX RADIUS	:	1.555	1.639	1.170
HORIZONTAL SPREAD	:	2.503	2.503	1.872
VERTICAL SPREAD	:	2.513	1.753	1.753
EXTREME SPREAD	:	2.904	2.904	2.119
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	