

C6636129

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington[®]

MODEL 700TM H24

DUPONT
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. C6636129	20
ORDER NO. 5716	



5716 C6636129

UPC



0 47700 25716 7

MOD.		GA. CAL.	GUN #
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Cast Rd doesn't Feed up	K
	2nd	New Spring & follower	K5
	3rd	test OK 6-5-91 P/H	
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT

ASSEM.
#

PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6636129**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/9/91	K.S.
600	Proof		4/9/91	K.S.
607	Check Headspace		4/9/91	K.S.
610	Dis-assemble Gun		4/9/91	K.S.
612	Magnaflux Barrel Action		4/10/91	K.R.
	Magnaflux Bolt		4/10/91	"
615	Rollmark Caliber		4/10/91	L.S.
617	Drill and Tap Sight Holes		APR 19 1991	L.B.
618	Polish Barrel		APR 19 1991	L.B.
620	Apply Coatings (Barrel Action)		5-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/28/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/28/91	K.S.
	C) Inspect Ejector Hole for Chamfer		5/28/91	K.S.
	D) Oil Firing Pin Ass'y		5/28/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		5/30/91	JP

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-30-91	JK
	G) Safety Off Force	3	3	3			5-30-91	JK
	H) Trigger Pull Test & Retainability						5/30/91	JK
	I) Firing Pin Indent	.022	.021	.021			5/30/91	JK
	J) Assemble Stock						6/3/91	KS
	K) Assemble Swivel Studs						6-8-91	D/H
	L) Attach Front and Rear Sight Assemblies						6/3/91	KS
	M) Iron Sight Alignment						6/3/91	KS
	N) Detach Front & Rear Sights & place in numbered container						6/3/91	KS
	O) Attach Scope to Rifle						6/3/91	KS
	P) Detach & Attach Scope 20 Times						6/3/91	KS
640	Gallery Target & Test						6-4-91	D/H
	A) Time						6-4-91	D/H
	B) Malfunctions						6-4-91	D/H
	C) Pierced Primers						6-4-91	D/H
	D) Optical Clarity of Scope						6-4-91	D/H
645	Inspect for Live Ammo						6-4-91	D/H
655	Final Inspection							
	A) Headspace						6-8-91	D/H
	B) Trigger Pull	2.55	2.60	2.63	2.56	2.56	6-8-91	JK
	C) Function						6-8-91	D/H
660	Pack						6-20-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6636129

DATE 5/30/91

TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.40	2.53	2.55	MIN. SETTING,
PULL #2	2.55	2.42	2.50	2.60	NO AVG. OF 5
PULL #3	2.43	2.31	2.48	2.63	READINGS ACCEPT-
PULL #4	2.50	2.47	2.40	2.56	ABLE LESS THAN 2#
PULL #5	2.31	2.51	2.47	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.36		
PULL #2	3.39	3.31		
PULL #3	3.36	3.39		
PULL #4	3.44	3.39		
PULL #5	3.42	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.55		4.56
PULL #2	4.44	4.13		4.30
PULL #3	4.47	4.44		4.60
PULL #4	4.51	4.60		4.67
PULL #5	4.32	4.67		4.66
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636129
4 Jun 1991

CENTROIDAL DISTANCES

0	TO	1	.3178
1	TO	2	.277065
1	TO	3	.502824
1	TO	4	.257847
1	TO	5	.3022

 <----POA

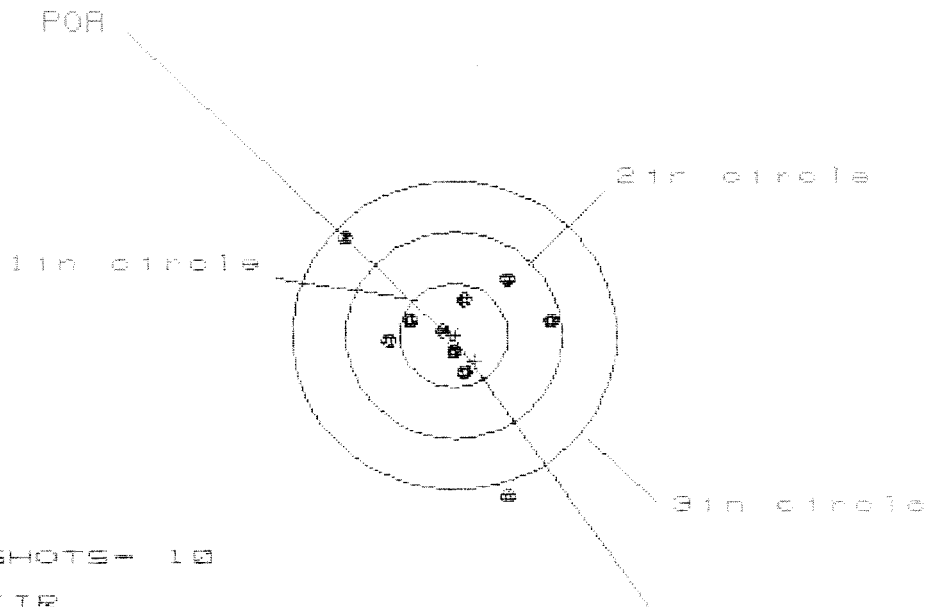
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1532
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0056
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .153302

THE AMR FOR THIS RIFLE IS: .9148

4 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6635129

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 1.944

VS= 2.577

GS= 3.015

CENTROID #

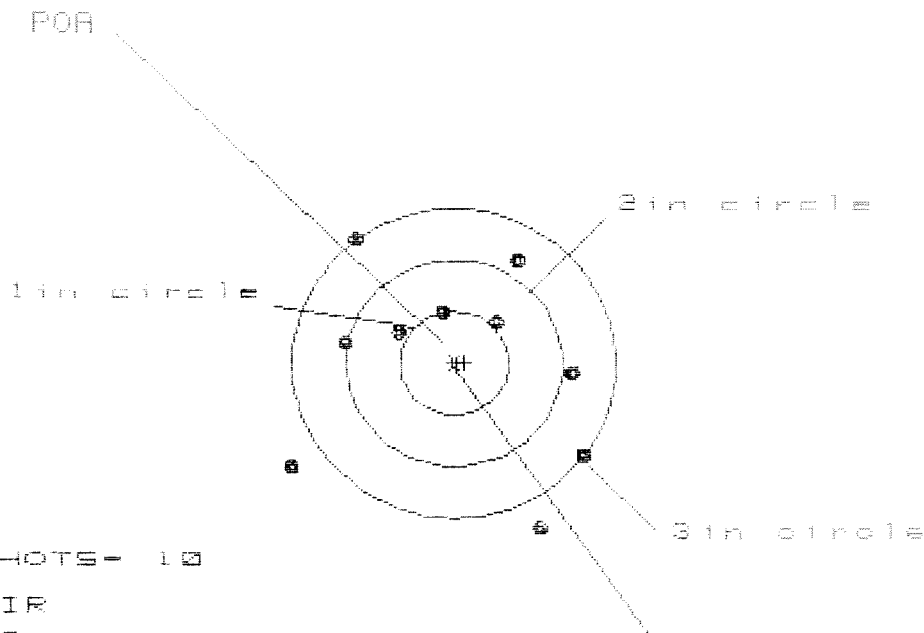
PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.904	.963	.840
MINIMUM X	-1.040	-.981	-.679
MAXIMUM Y	.992	.816	.493
MINIMUM Y	-1.585	-.553	-.451
CENTROID X	-.191	-.250	-.127
CENTROID Y	.254	.430	.328
POA TO CENTROID in.	.318	.497	.351
MIN RADIUS	.087	.148	.152
MEAN RADIUS	.688	.581	.482
MAX RADIUS	1.669	1.276	.844
HORIZONTAL SPREAD	1.944	1.944	1.519
VERTICAL SPREAD	2.577	1.369	.934
EXTREME SPREAD	3.015	2.117	1.534
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

4 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08636129

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 2.682

VS= 2.868

GS= 3.310

CENTROID #

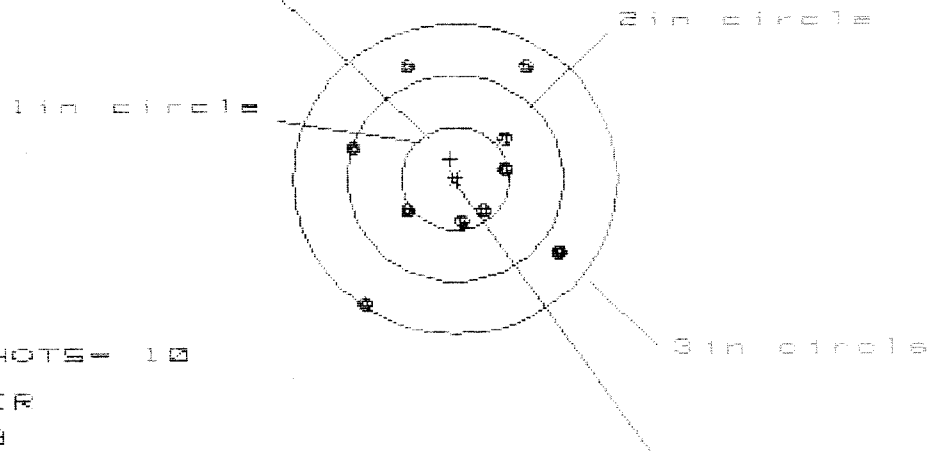
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.186	1.274	1.098
MINIMUM X	:	-1.496	-1.408	-1.119
MAXIMUM Y	:	1.234	1.053	.904
MINIMUM Y	:	-1.626	-1.189	-1.248
CENTROID X	:	-.090	-.178	-.001
CENTROID Y	:	-.004	.177	.326
POA TO CENTROID in.	:	.090	.251	.326
MIN RADIUS	:	.545	.354	.286
MEAN RADIUS	:	1.171	1.053	.918
MAX RADIUS	:	1.808	1.843	1.662
HORIZONTAL SPREAD	:	2.682	2.682	2.217
VERTICAL SPREAD	:	2.868	2.242	2.152
EXTREME SPREAD	:	3.310	2.981	2.981
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 3

FOR



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 1.907

VS= 2.291

GS= 2.746

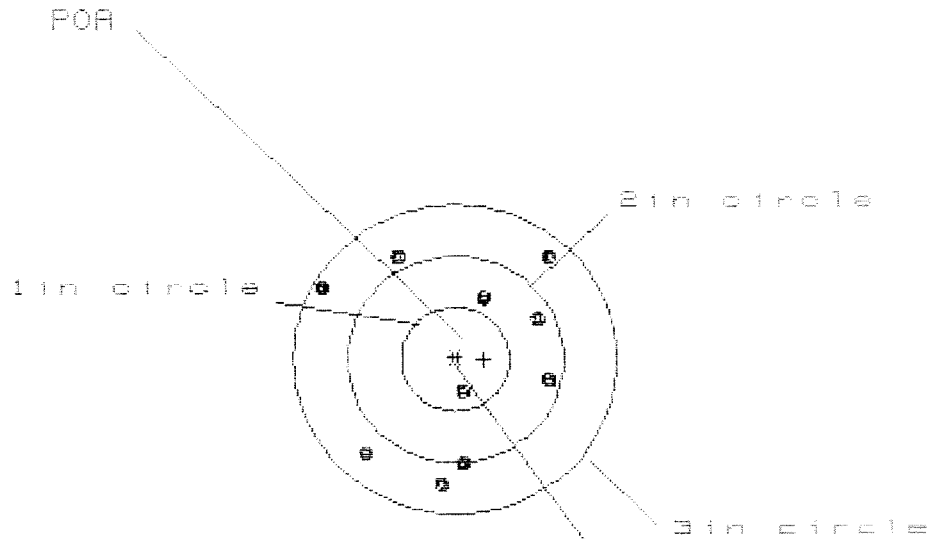
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.985	.888	.956
MINIMUM X	-.922	-1.019	-.951
MAXIMUM Y	1.122	.992	1.040
MINIMUM Y	-1.169	-.863	-.739
CENTROID X	.045	.142	.074
CENTROID Y	-.190	-.060	-.184
POA TO CENTROID in.	.195	.154	.198
MIN RADIUS	.362	.322	.349
MEAN RADIUS	.844	.771	.709
MAX RADIUS	1.460	1.239	1.208
HORIZONTAL SPREAD	1.907	1.907	1.907
VERTICAL SPREAD	2.291	1.855	1.779
EXTREME SPREAD	2.746	2.296	2.296
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.110

VS= 2.258

GS= 2.583

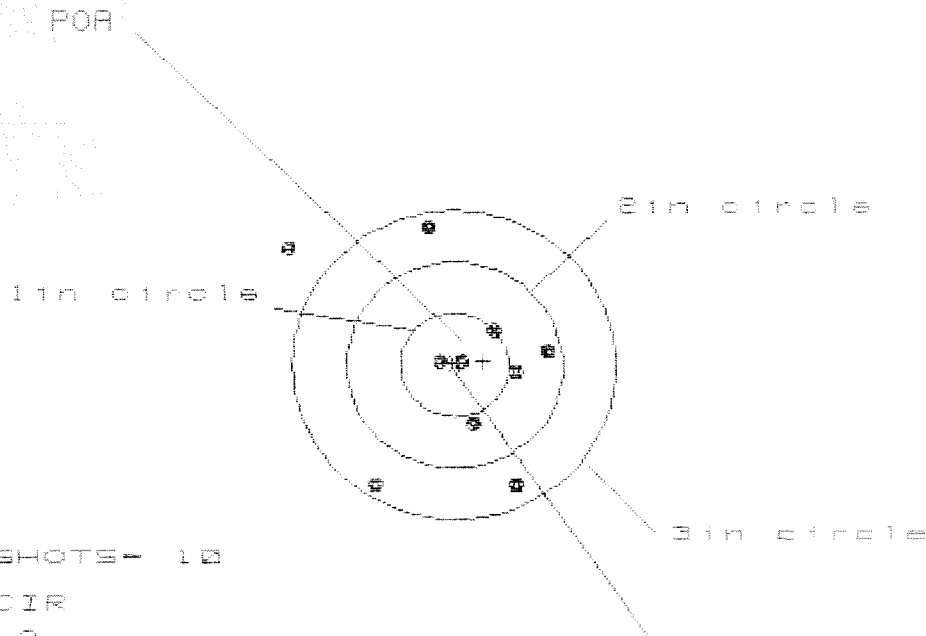
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.844	.783	.788
MINIMUM X	:	-1.266	-1.000	-.915
MAXIMUM Y	:	1.041	1.115	1.186
MINIMUM Y	:	-1.217	-1.143	-1.004
CENTROID X	:	-.265	-.124	-.210
CENTROID Y	:	.087	-.067	-.206
POA TO CENTROID in.	:	.265	.141	.294
MIN RADIUS	:	.341	.286	.120
MEAN RADIUS	:	1.010	.940	.874
MAX RADIUS	:	1.432	1.369	1.335
HORIZONTAL SPREAD	:	2.110	1.783	1.783
VERTICAL SPREAD	:	2.258	2.258	2.190
EXTREME SPREAD	:	2.583	2.583	2.223
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	10		

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CENTERFIRE PATTERNS # 5



* OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 2

HS= 2.370

VS= 2.507

GS= 3.104

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.846	.676	.566
MINIMUM X	-1.524	-.886	-.499
MAXIMUM Y	1.319	1.445	1.312
MINIMUM Y	-1.188	-1.062	-1.192
CENTROID X	-.265	-.095	.015
CENTROID Y	-.039	-.165	-.032
POA TO CENTROID in.	.268	.191	.036
MIN RADIUS	.071	.218	.239
MEAN RADIUS	.861	.733	.628
MAX RADIUS	1.899	1.496	1.404
HORIZONTAL SPREAD	2.370	1.562	1.065
VERTICAL SPREAD	2.507	2.507	2.504
EXTREME SPREAD	3.104	2.617	2.617
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		