

C6636203

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington® **DU PONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ W24

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

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

SERIAL NO.
C6636203

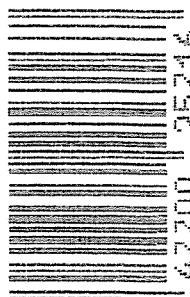
ORDER NO.
5716

20



5716 C6636203

UPC



0 47700 25716 2

MOD. _____		GA. CAL. _____	GUN # <u>6203</u>
INSP. #	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
<i>N</i>	<i>7/28</i>	<i>Bolt handle into stock</i>	<i>KS</i>
	2nd		
<i>2</i>	<i>7/29</i>	<i>Repaired</i>	<i>KS</i>
	3rd		
	4th		
		FINAL INSPECTION	RD 6657 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 # **C6636203**

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		Ch.
617	Drill and Tap Sight Holes	5 15 9 1		EB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5-31-91	JA
	Apply Coating (Bolt)		5-31-91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		7/17/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/17/91	KS
	C) Inspect Ejector Hole for Chamfer		7/17/91	KS
	D) Oil Firing Pin Ass'y		7/17/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		7-19-91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			7-19-91	JH
	G) Safety Off Force	4	4	4			7-19-91	JH
	H) Trigger Pull Test & Retainability						7-19-91	JH
	I) Firing Pin Indent	.0235	.023	.0235			7-19-91	JH
	J) Assemble Stock						7-22-91	KS
	K) Assemble Swivel Studs						7-22-91	JH
	L) Attach Front and Rear Sight Assemblies						7-22-91	KS
	M) Iron Sight Alignment						7-22-91	KS
	N) Detach Front & Rear Sights & place in numbered container						7-22-91	KS
	O) Attach Scope to Rifle						7-22-91	KS
	P) Detach & Attach Scope 20 Times						7-22-91	KS
640	Gallery Target & Test						7-25-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						7-25-91	AF
655	Final Inspection							
	A) Headspace						7-26-91	DH
	B) Trigger Pull	2.58	2.54	2.58	2.47	2.60	7-26-91	JH
	C) Function						7-26-91	JH
660	Pack						9-18-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6636203
DATE 7-19-91
TESTER SH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.26	2.50	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.69	2.55	2.48	2.54	
PULL #3	2.69	2.43	2.52	2.58	
PULL #4	2.30	2.39	2.50	2.47	
PULL #5	2.48	2.48	2.51	2.60	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.43		
PULL #2	3.42	3.40		
PULL #3	3.45	3.42		
PULL #4	3.42	3.48		
PULL #5	3.50	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.39		4.34
PULL #2	4.32	4.36		4.43
PULL #3	4.20	4.46		4.44
PULL #4	4.37	4.43		4.42
PULL #5	4.37	4.46		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS.
FOR RIFLE # C6636203
25 Jul 1991

CENTROIDAL DISTANCES

0 TO	1	.135532
1 TO	2	.125495
1 TO	3	.135133
1 TO	4	.396812
1 TO	5	.339282

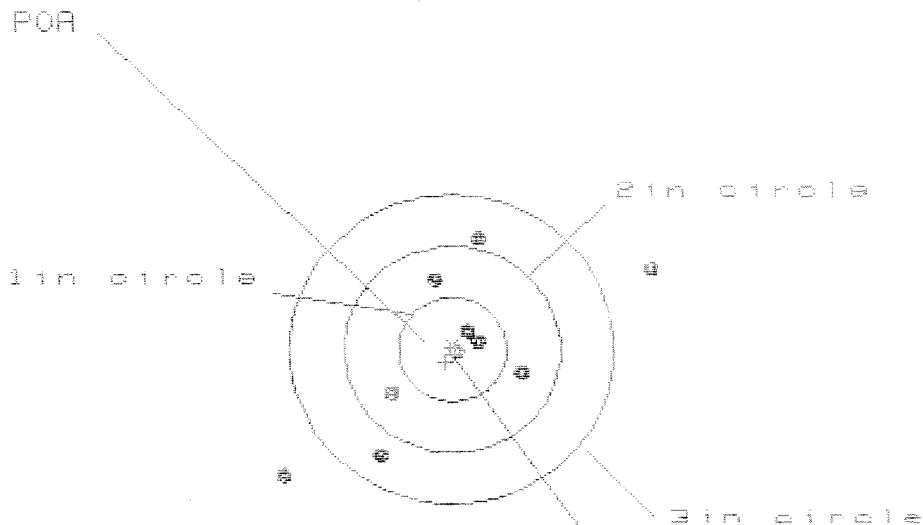
54 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0382
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .016
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0414155
THE AMR FOR THIS RIFLE IS: 1.03

25 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636203

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 8

HS = 3.386

VS = 2.311

GS = 3.900

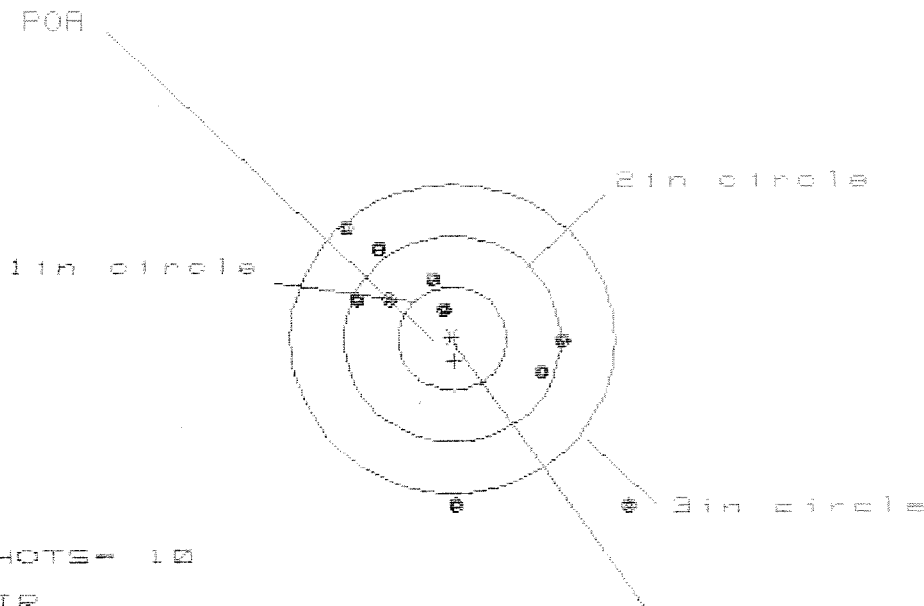
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.803	1.627	.638
MINIMUM X	-1.583	-.868	-.865
MAXIMUM Y	1.108	.975	1.050
MINIMUM Y	-1.203	-1.168	-1.094
CENTROID X	.063	.239	.036
CENTROID Y	.120	.253	.178
POA TO CENTROID in.	.135	.348	.182
MIN RADIUS	.053	.052	.098
MEAN RADIUS	.886	.735	.616
MAX RADIUS	1.908	1.734	1.280
HORIZONTAL SPREAD	3.386	2.495	1.303
VERTICAL SPREAD	2.311	2.143	2.143
EXTREME SPREAD	3.900	3.057	2.318
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8636283

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 4

HS = 2.628

VS = 2.727

GS = 3.749

CENTROID #

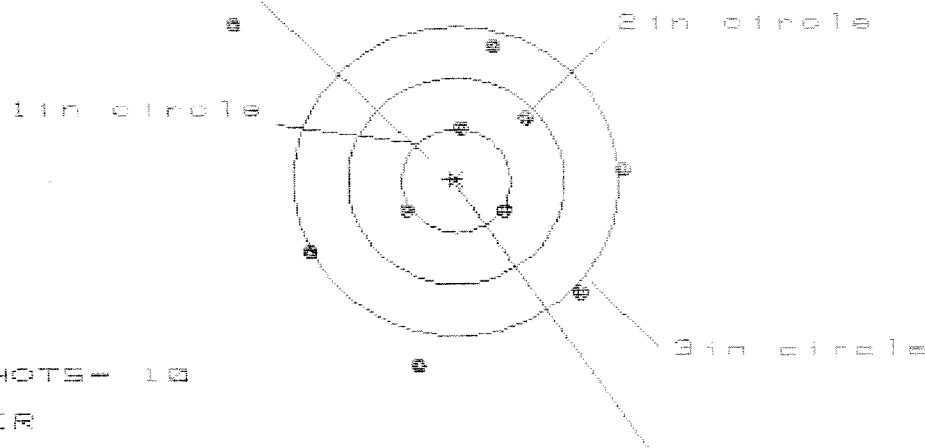
PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.617	1.184	1.207
MINIMUM X	-1.011	-.832	-.809
MAXIMUM Y	1.104	.930	.705
MINIMUM Y	-1.623	-1.797	-.759
CENTROID X	-.019	-.199	-.232
CENTROID Y	.215	.389	.614
POA TO CENTROID in.	.216	.437	.653
MIN RADIUS	.266	.144	.147
MEAN RADIUS	1.081	.875	.704
MAX RADIUS	2.253	1.806	1.265
HORIZONTAL SPREAD	2.628	2.016	2.016
VERTICAL SPREAD	2.727	2.727	1.464
EXTREME SPREAD	3.749	2.908	2.305
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	4		

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 6

HS= 3.617

VS= 3.282

GS= 4.148

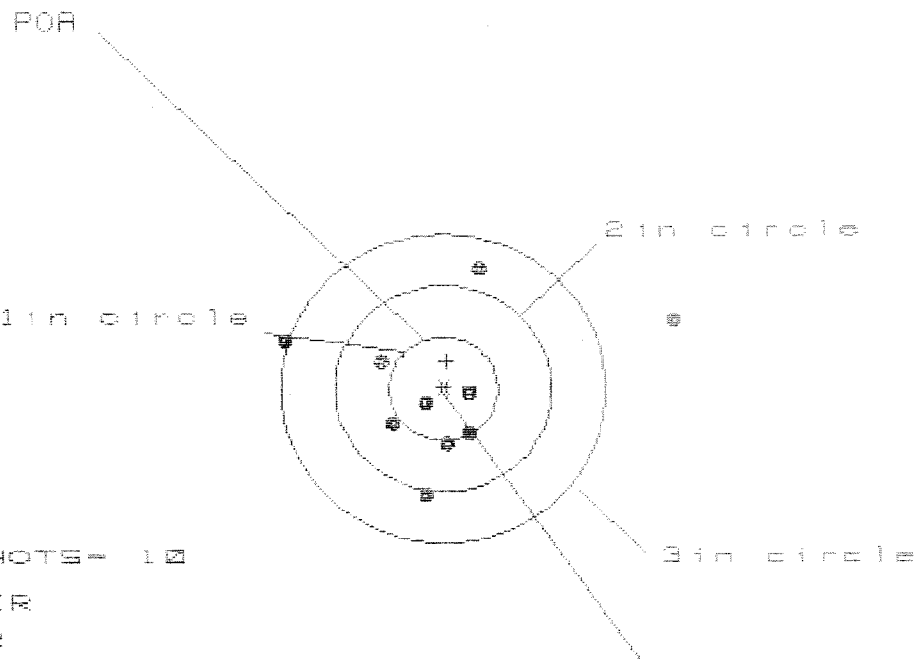
CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.513	1.279	1.206
MINIMUM X	-2.104	-1.552	-1.625
MAXIMUM Y	1.476	1.512	1.306
MINIMUM Y	-1.806	-1.642	-1.086
CENTROID X	.057	.291	.364
CENTROID Y	-.015	-.179	.027
POA TO CENTROID in.	.059	.342	.365
MIN RADIUS	.539	.255	.353
MEAN RADIUS	1.296	1.125	1.020
MAX RADIUS	2.570	1.744	1.785
HORIZONTAL SPREAD	3.617	2.831	2.831
VERTICAL SPREAD	3.282	3.154	2.392
EXTREME SPREAD	4.148	3.240	2.945
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.573

VS= 2.232

GS= 3.577

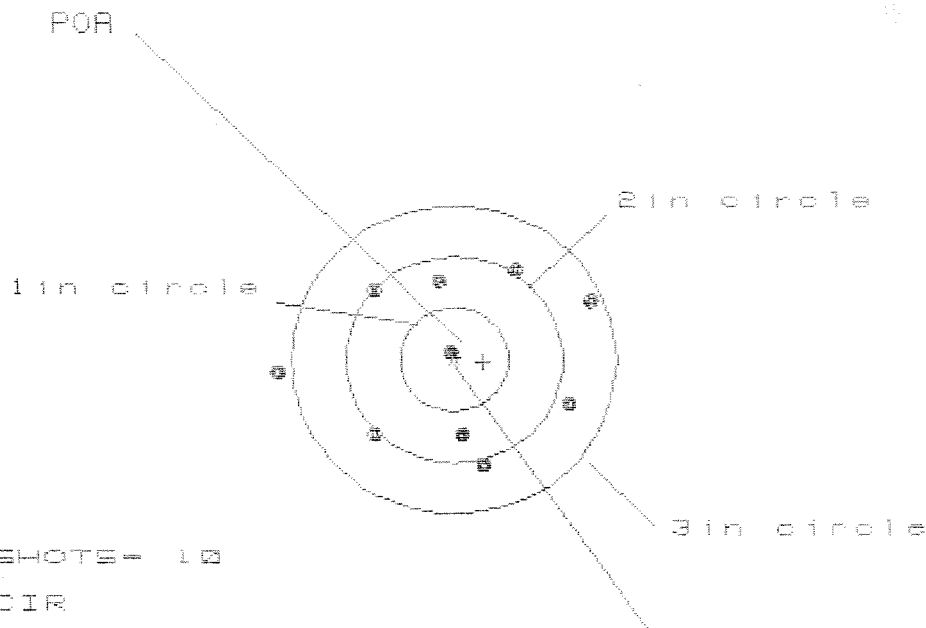
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.129	.552	.401
MINIMUM X	:	-1.444	-1.207	-.507
MAXIMUM Y	:	1.182	1.252	1.017
MINIMUM Y	:	-1.050	-.980	-.915
CENTROID X	:	-.029	-.266	-.115
CENTROID Y	:	-.266	-.336	-.401
POA TO CENTROID in.	:	.268	.428	.410
MIN RADIUS	:	.218	.131	.065
MEAN RADIUS	:	.876	.693	.581
MAX RADIUS	:	2.220	1.368	1.377
HORIZONTAL SPREAD	:	3.573	1.759	.908
VERTICAL SPREAD	:	2.232	2.232	2.232
EXTREME SPREAD	:	3.577	2.286	2.286
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.946

VS= 1.967

GS= 3.026

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.286
MINIMUM X	-1.659
MAXIMUM Y	.922
MINIMUM Y	-1.045
CENTROID X	-.263
CENTROID Y	.026
POA TO CENTROID in.	.265
MIN RADIUS	.102
MEAN RADIUS	1.009
MAX RADIUS	1.662
HORIZONTAL SPREAD	2.946
VERTICAL SPREAD	1.967
EXTREME SPREAD	3.026
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	6