

C6636248

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington
MODEL 700™ H24

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

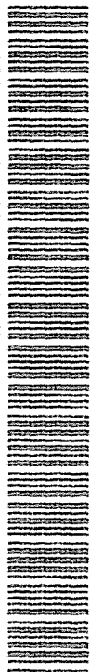
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C6606248

ORDER NO.
5716

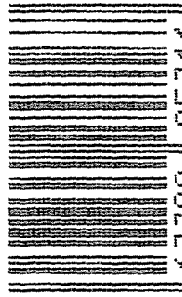
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MADE IN U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6606248

UPC



0 47700 25716

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	shot 100 Rdr test OK 8991	
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

MOD. _____ GA. _____ GUN # 26636248
 CAL. _____ # _____

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	<i>Slower than</i>	<i>KS</i>
	2nd		
	3rd		
	4th		
		FUNCTION	

RD 6654

Rev 1

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636248

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/91	YK
600	Proof		6/24/91	YK
607	Check Headspace		6/24/91	YK
610	Dis-assemble Gun		6/24/91	YK
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	LG
617	Drill and Tap Sight Holes		JUL 1 1991	KB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/5/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/5/91	KL
	C) Inspect Ejector Hole for Chamfer		8/5/91	KL
	D) Oil Firing Pin Ass'y		8/5/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		8-6-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8-6-91	DH
	G) Safety Off Force	3	3	3			8-6-91	DH
	H) Trigger Pull Test & Retainability						8-6-91	DH
	I) Firing Pin Indent	.021	.022	.021			8-6-91	DH
	J) Assemble Stock						8-8-91	KS
	K) Assemble Swivel Studs						8-10-91	DH
	L) Attach Front and Rear Sight Assemblies						8-8-91	KS
	M) Iron Sight Alignment						8-8-91	KS
	N) Detach Front & Rear Sights & place in numbered container						8-8-91	KS
	O) Attach Scope to Rifle						8-8-91	KS
	P) Detach & Attach Scope 20 Times						8-8-91	KS
640	Gallery Target & Test						8-9-91	DH
	A) Time						8-9-91	DH
	B) Malfunctions						8-9-91	DH
	C) Pierced Primers						8-9-91	DH
	D) Optical Clarity of Scope						8-9-91	DH
645	Inspect for Live Ammo						8-9-91	DH
655	Final Inspection						8-10-91	DH
	A) Headspace						8-10-91	JCP
	B) Trigger Pull	2.68	2.56	2.53	2.57	2.40	8-10-91	JCP
	C) Function						8-10-91	DH
660	Pack						9-19-91	VF

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

SERIAL NO. C6636248DATE 8-6-91TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	252	234	2.41	2.68	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	257	256	2.67	2.56	
PULL #3	219	238	2.60	2.53	
PULL #4	253	242	2.45	2.57	
PULL #5	260	236	2.52	2.40	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.41		
PULL #2	3.27	3.28		
PULL #3	3.23	3.33		
PULL #4	3.00	3.38		
PULL #5	3.23	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.20		4.02
PULL #2	4.22	4.32		4.20
PULL #3	4.24	4.18		4.10
PULL #4	4.07	3.98		4.29
PULL #5	4.05	4.26		4.11
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS

FOR RIFLE # C6636248

9 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.417797
1 TO	2	1.22058
1 TO	3	.828401
1 TO	4	.707799
1 TO	5	.627446

5 1
#t (----POA
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.241
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.084
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .25522

THE AMR FOR THIS RIFLE IS: .9456

3 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG63B248

CENTERFIRE PATTERNS

1

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.362

VS= 3.653

GS= 3.780

CENTROID *

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.539

1.448

1.605

MINIMUM X

:

-.823

-.773

-1.593

MAXIMUM Y

:

1.270

1.006

1.038

MINIMUM Y

:

-2.383

-1.023

-1.991

CENTROID X

:

.265

.356

.176

CENTROID Y

:

.323

.587

.555

POR TO CENTROID in.

:

.417

.687

.582

MIN RADIUS

:

.308

.169

.068

MEAN RADIUS

:

1.012

.824

.699

MAX RADIUS

:

2.521

1.471

1.068

HORIZONTAL SPREAD

:

2.362

2.221

1.197

VERTICAL SPREAD

:

3.653

2.029

2.029

EXTREME SPREAD

:

3.780

2.399

2.126

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

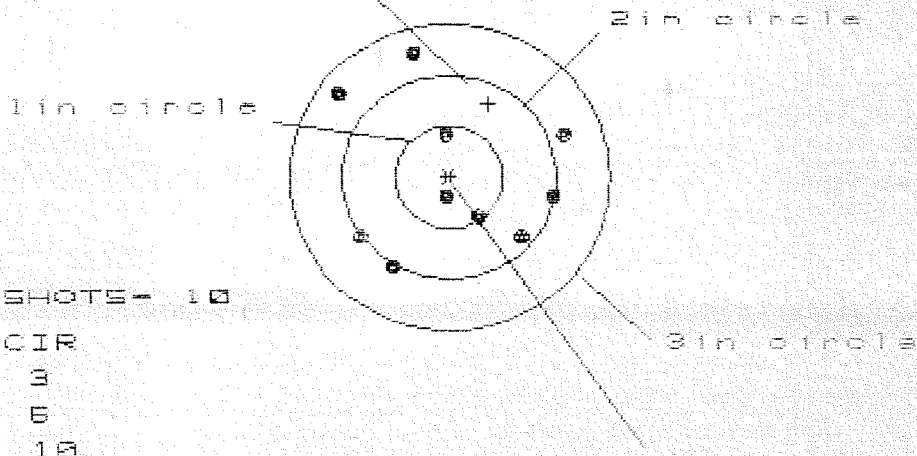
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FILE:/PATTERNING/CENTERFIRE_PATT/C653B248

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.117

VS= 2.113

GS= 2.272

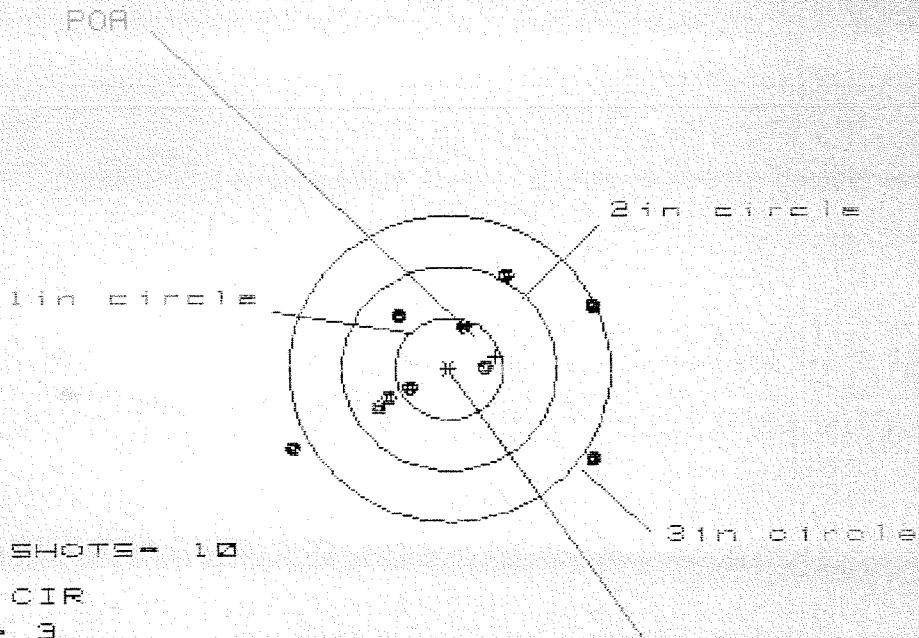
CENTROID *

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.053	.935	.876
MINIMUM X	-1.064	-.908	-.967
MAXIMUM Y	1.186	1.277	.674
MINIMUM Y	-.927	-.836	-.676
CENTROID X	-.369	-.251	-.192
CENTROID Y	-.720	-.811	-.971
POA TO CENTROID in.	.810	.849	.990
MIN RADIUS	.169	.177	.116
MEAN RADIUS	.867	.794	.698
MAX RADIUS	1.341	1.361	1.095
HORIZONTAL SPREAD	2.117	1.843	1.843
VERTICAL SPREAD	2.113	2.113	1.350
EXTREME SPREAD	2.272	2.125	2.107
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 2.801

VS= 1.798

GS= 3.125

CENTROID *

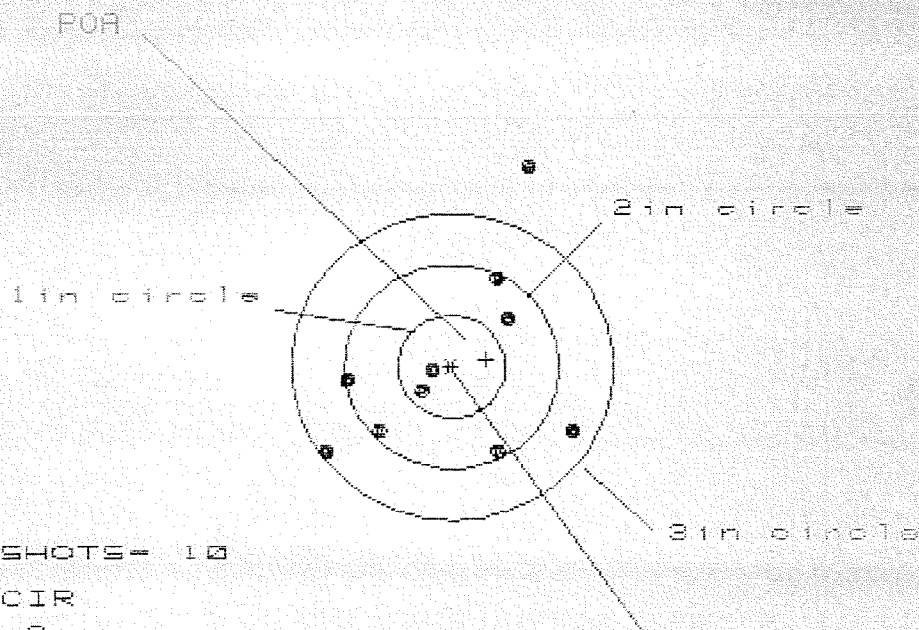
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.340
MINIMUM X	-1.461
MAXIMUM Y	.920
MINIMUM Y	-.878
CENTROID X	-.435
CENTROID Y	-.120
POA TO CENTROID in.	.451
MIN RADIUS	.336
MEAN RADIUS	.917
MAX RADIUS	1.672
HORIZONTAL SPREAD	2.801
VERTICAL SPREAD	1.798
EXTREME SPREAD	3.125
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	8

9 Aug 1991

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CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.205

VS = 2.752

GS = 3.291

CENTROID #

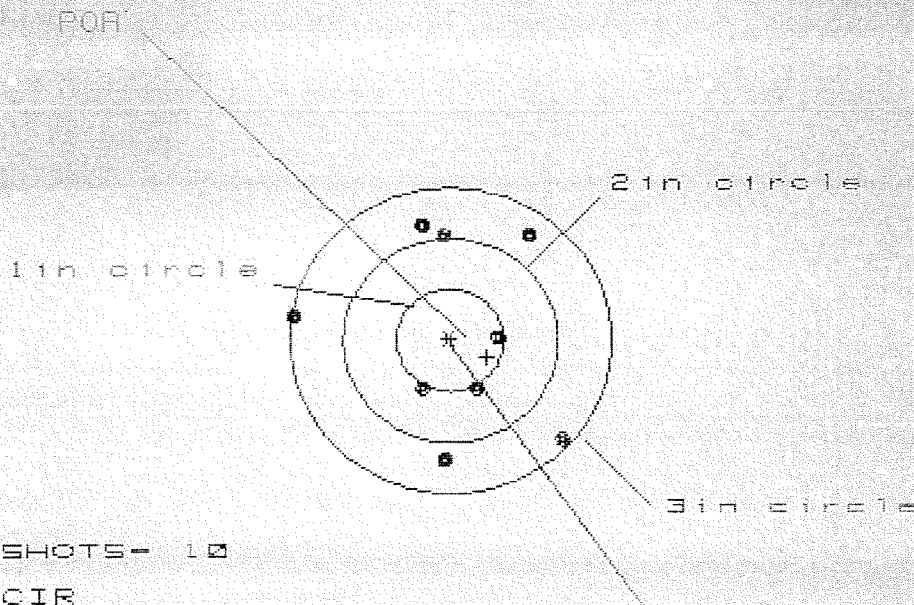
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.073	1.151	1.019
MINIMUM X	:	-1.132	-1.054	-1.001
MAXIMUM Y	:	1.934	1.075	1.002
MINIMUM Y	:	-0.818	-0.603	-0.676
CENTROID X	:	-0.323	-0.401	-0.269
CENTROID Y	:	-0.071	-0.286	-0.213
POA TO CENTROID in.	:	.330	.492	.343
MIN RADIUS	:	.165	.163	.217
MEAN RADIUS	:	.964	.906	.769
MAX RADIUS	:	2.058	1.212	1.115
HORIZONTAL SPREAD	:	2.205	2.205	2.020
VERTICAL SPREAD	:	2.752	1.678	1.678
EXTREME SPREAD	:	3.291	2.286	2.067
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 2.568

VS= 2.344

GS= 2.803

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.090	.925	.653
MINIMUM X	:	-1.478	-.478	-.354
MAXIMUM Y	:	1.175	1.196	1.082
MINIMUM Y	:	-1.169	-1.148	-1.262
CENTROID X	:	-.343	-.178	-.294
CENTROID Y	:	.168	.147	.261
POA TO CENTROID in.	:	.382	.231	.393
MIN RADIUS	:	.452	.291	.407
MEAN RADIUS	:	.968	.893	.852
MAX RADIUS	:	1.490	1.301	1.270
HORIZONTAL SPREAD	:	2.568	1.395	1.007
VERTICAL SPREAD	:	2.344	2.344	2.344
EXTREME SPREAD	:	2.803	2.529	2.354
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			10	