

C6636261

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®
REG. U.S. PAT. & TM. OFF.

DUPONT

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

MODEL 700™ H24

SERIAL NO.
C6636261

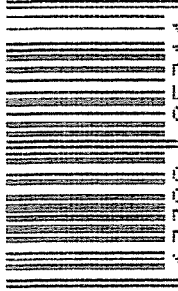
ORDER NO.
5716

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

20

5716 C6636261

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636261

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/25/91	KH
600	Proof		6/25/91	KH
607	Check Headspace		6/25/91	KH
610	Dis-assemble Gun		6/25/91	KH
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	GS
617	Drill and Tap Sight Holes	JUL	1 1991	LB
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	KS
	C) Inspect Ejector Hole for Chamfer		7/23/91	KS
	D) Oil Firing Pin Ass'y		7/23/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		7-30-91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			7-30-91	DH
	G) Safety Off Force	3 1/2	4	3			7-30-91	KS
	H) Trigger Pull Test & Retainability						7-30-91	KS
	I) Firing Pin Indent	.021	.022	.022			7-30-91	DH
	J) Assemble Stock						7/30/91	KS
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						7/30/91	KS
	M) Iron Sight Alignment						7/30/91	KS
	N) Detach Front & Rear Sights & place in numbered container						7/30/91	KS
	O) Attach Scope to Rifle						7/30/91	KS
	P) Detach & Attach Scope 20 Times						7/30/91	KS
640	Gallery Target & Test						7-30-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						7-30-91	AF
655	Final Inspection							
	A) Headspace						8-5-91	AC
	B) Trigger Pull	2.59	2.63	2.57	2.57	2.46	8-5-91	AC
	C) Function						8-5-91	AC
660	Pack						9-14-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6636261DATE 7-30-91TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.56	2.55	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.61	2.50	2.63	
PULL #3	2.23	2.50	2.48	2.57	
PULL #4	2.53	2.51	2.50	2.57	
PULL #5	2.53	2.59	2.56	2.46	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.33		
PULL #2	3.38	3.38		
PULL #3	3.35	3.35		
PULL #4	3.32	3.21		
PULL #5	3.35	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	4.34	4.32		4.20
PULL #2	4.33	4.35		4.53
PULL #3	4.28	4.25		4.46
PULL #4	4.25	4.46		4.33
PULL #5	4.26	4.59		4.59
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636261
30 Jul 1991

CENTROIDAL DISTANCES

0	0	1	.0653682
1	70	2	.0575674
1	70	3	.101533
1	70	4	.0722011
1	70	5	.200562

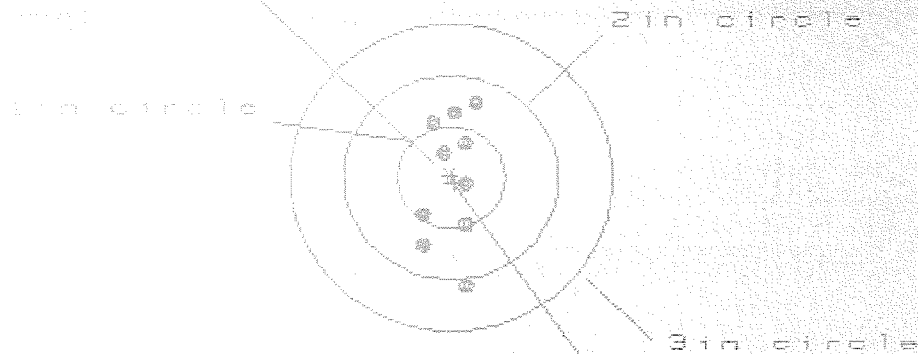
←---POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0222
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0166
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .02772
THE AMR FOR THIS RIFLE IS: .911

FILE: PATTERNING/CENTERFIRE_PATT/C8636261

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1in = 5

2in = 8

3in = 10

LE= .812

CS= 1.841

GS= 1.845

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.230	.242	.189
MINIMUM X	-.283	-.271	-.241
MAXIMUM Y	.782	.664	.561
MINIMUM Y	-1.059	-.757	-.674
CENTROID X	-.032	-.044	-.074
CENTROID Y	.057	.175	.092
POA TO CENTROID in.	.066	.180	.119
MIN RADIUS	.143	.146	.196
MEAN RADIUS	.537	.461	.435
MAX RADIUS	1.065	.804	.716
HORIZONTAL SPREAD	.513	.513	.430
VERTICAL SPREAD	1.841	1.421	1.235
EXTREME SPREAD	1.845	1.511	1.276
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

10 JUL 1991 FILE: PATTERNING/CENTERFIRE_PATT/C8636261

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS= 1.838

VS= 2.709

GS= 2.904

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.096

1.206

1.012

MINIMUM X

-.843

-.733

-.583

MAXIMUM Y

1.386

1.519

1.414

MINIMUM Y

-1.323

-1.190

-1.295

CENTROID X

.023

-.087

-.237

CENTROID Y

.040

-.093

.012

POA TO CENTROID in.

.046

.127

.238

MIN RADIUS

.445

.539

.516

MEAN RADIUS

1.121

1.053

.990

MAX RADIUS

1.552

1.559

1.429

HORIZONTAL SPREAD

1.939

1.939

1.595

VERTICAL SPREAD

2.709

2.709

2.709

EXTREME SPREAD

2.904

2.826

2.720

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

3

NUMBER IN THREE INCH CIRCLE =

6

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FILE:/PATTERNING/CENTERFIRE_PATT/C6636261

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 1.916

VS= 2.052

GS= 2.483

CENTROID *

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.846

.727

.630

MINIMUM X

-1.070

-.655

-.565

MAXIMUM Y

.974

.895

.995

MINIMUM Y

-1.078

-1.157

-1.057

CENTROID X

.833

.152

.061

CENTROID Y

-.021

.058

-.042

POA TO CENTROID in.

.039

.163

.074

MIN RADIUS

.386

.374

.415

MEAN RADIUS

.907

.856

.822

MAX RADIUS

1.282

1.188

1.144

HORIZONTAL SPREAD

1.916

1.382

1.203

VERTICAL SPREAD

2.052

2.052

2.052

EXTREME SPREAD

2.483

2.193

2.067

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

10

38 JUL 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636261

CENTERFIRE PATTERNS

4

POB

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.092

VS= 1.582

GS= 3.096

CENTROID #

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.384

1.194

1.250

MINIMUM X

-1.708

-1.437

-1.287

MAXIMUM Y

.751

.747

.762

MINIMUM Y

-.831

-.835

-.820

CENTROID X

.005

.195

.045

CENTROID Y

.119

.123

.108

POB TO CENTROID in.

.119

.230

.117

MIN RADIUS

.487

.571

.529

MEAN RADIUS

1.028

.939

.898

MAX RADIUS

1.708

1.471

1.329

HORIZONTAL SPREAD

3.092

2.631

2.537

VERTICAL SPREAD

1.582

1.582

1.582

EXTREME SPREAD

3.096

2.638

2.540

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

6

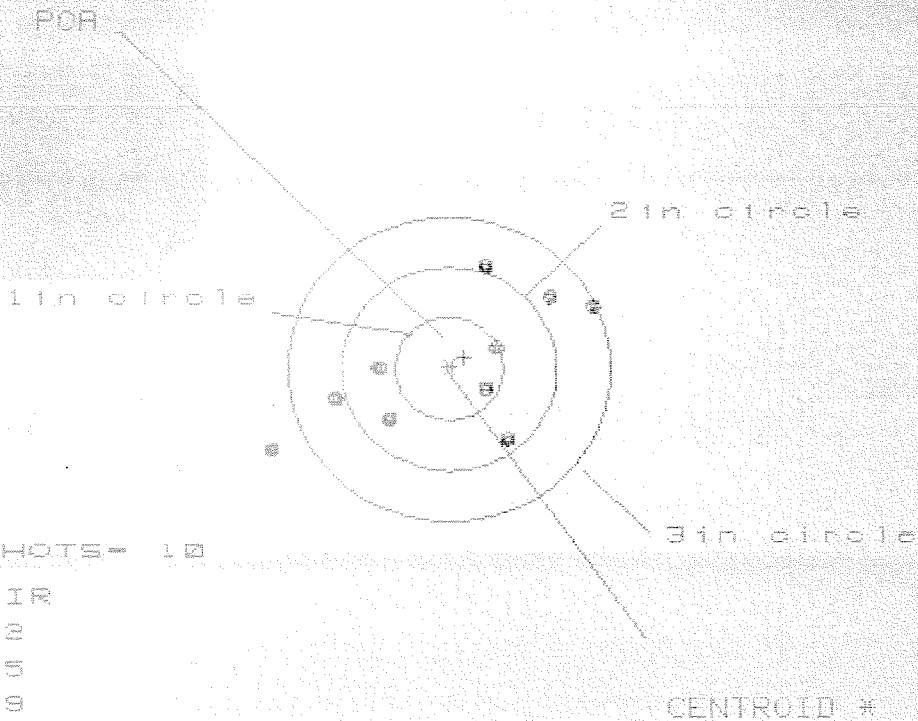
NUMBER IN THREE INCH CIRCLE =

9

30 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C0630261

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.948

VS= 1.725

GS= 3.233

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.303	1.128	.869
MINIMUM X	-1.645	-1.231	-1.091
MAXIMUM Y	.977	.894	.956
MINIMUM Y	-.748	-.796	-.734
CENTROID X	-.140	.043	-.097
CENTROID Y	-.112	-.029	-.091
POA TO CENTROID in.	.179	.051	.133
MIN RADIUS	.423	.241	.394
MEAN RADIUS	.962	.842	.796
MAX RADIUS	1.807	1.279	1.128
HORIZONTAL SPREAD	2.948	2.351	1.959
VERTICAL SPREAD	1.725	1.690	1.690
EXTREME SPREAD	3.233	2.499	2.174
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		