

C6636269

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

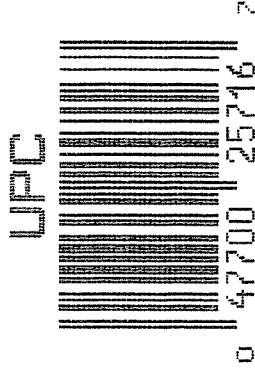
SERIAL NO. C6636269

ORDER NO. 5716

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

20

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



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6636269**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/91	Kd
600	Proof		6/24/91	Kd
607	Check Headspace		6/24/91	Kd
610	Dis-assemble Gun		6/24/91	Kd
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	LS
617	Drill and Tap Sight Holes		JUL 1 1991	FB
618	Polish Barrel	.1111	2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/5/91	Kd
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/5/91	Kd
	C) Inspect Ejector Hole for Chamfer		8/5/91	Kd
	D) Oil Firing Pin Ass'y		8/5/91	KR
	E) Adjust Trigger Pull to Min Setting and Stake		8/6/91	JK

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	W
	I) Firing Pin Indent	.020	.020	.020			8-6-91	DH
	J) Assemble Stock						8/6/91	W
	K) Assemble Swivel Studs						8-8-91	DH
	L) Attach Front and Rear Sight Assemblies						8/6/91	W
	M) Iron Sight Alignment						8/6/91	W
	N) Detach Front & Rear Sights & place in numbered container						8/6/91	W
	O) Attach Scope to Rifle						8/6/91	W
	P) Detach & Attach Scope 20 Times						8/6/91	W
640	Gallery Target & Test						8-7-91	AC
	A) Time						8-7-91	AC
	B) Malfunctions						8-7-91	AC
	C) Pierced Primers						8-7-91	AC
	D) Optical Clarity of Scope						8-7-91	AC
645	Inspect for Live Ammo						8-7-91	AC
655	Final Inspection							
	A) Headspace						8-8-91	DH
	B) Trigger Pull	2.40	2.42	2.35	2.39	2.20	8-7-91	W
	C) Function						8-8-91	DH
660	Pack						8-17-91	DH

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

SERIAL NO C-6636269DATE 8-6-91TESTER JRP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.39	2.46	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.44	2.49	2.42	
PULL #3	2.43	2.49	2.50	2.35	
PULL #4	2.51	2.42	2.39	2.39	
PULL #5	2.45	2.47	2.50	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.44		
PULL #2	3.17	3.24		
PULL #3	3.31	3.35		
PULL #4	3.23	3.21		
PULL #5	3.31	3.11		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.43		4.41
PULL #2	4.23	4.48		4.43
PULL #3	4.41	4.35		4.57
PULL #4	4.44	4.40		4.56
PULL #5	4.39	4.29		4.40
TOTAL				
AVG.				

COORDINATE DISTANCE CALCULATIONS
 FOR RIFLE # 05636259
 DATE 1991

DISTANCES

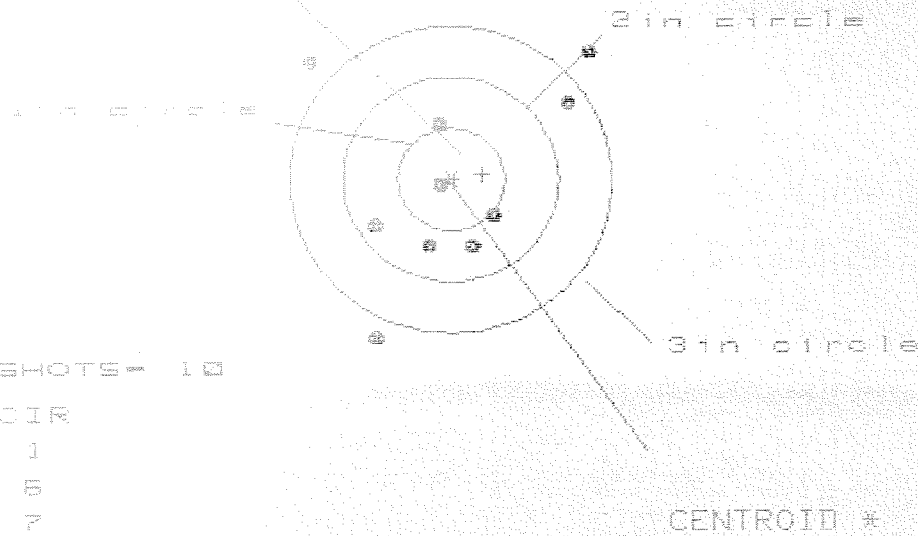
1 .267405
 2 .218874
 3 .181687
 4 .177654
 5 .423753

-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1684
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0248
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .170216
 THE BAR FOR THIS RIFLE IS: .982

FILE: PATTERNING/CENTERFIRE_PATT/C66362B9

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 2.566

VS= 2.823

GS= 3.451

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.300

1.226

1.159

MINIMUM X

-1.266

-1.122

-1.189

MAXIMUM Y

1.230

1.249

1.067

MINIMUM Y

-1.593

-1.457

-.733

CENTROID X

-.293

-.437

-.370

CENTROID Y

-.051

-.187

-.005

POA TO CENTROID in.

.297

.476

.370

MIN RADIUS

.078

.138

.062

MEAN RADIUS

.998

.893

.810

MAX RADIUS

1.789

1.679

1.598

HORIZONTAL SPREAD

2.566

2.348

2.348

VERTICAL SPREAD

2.823

2.706

1.900

EXTREME SPREAD

3.451

2.963

2.971

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

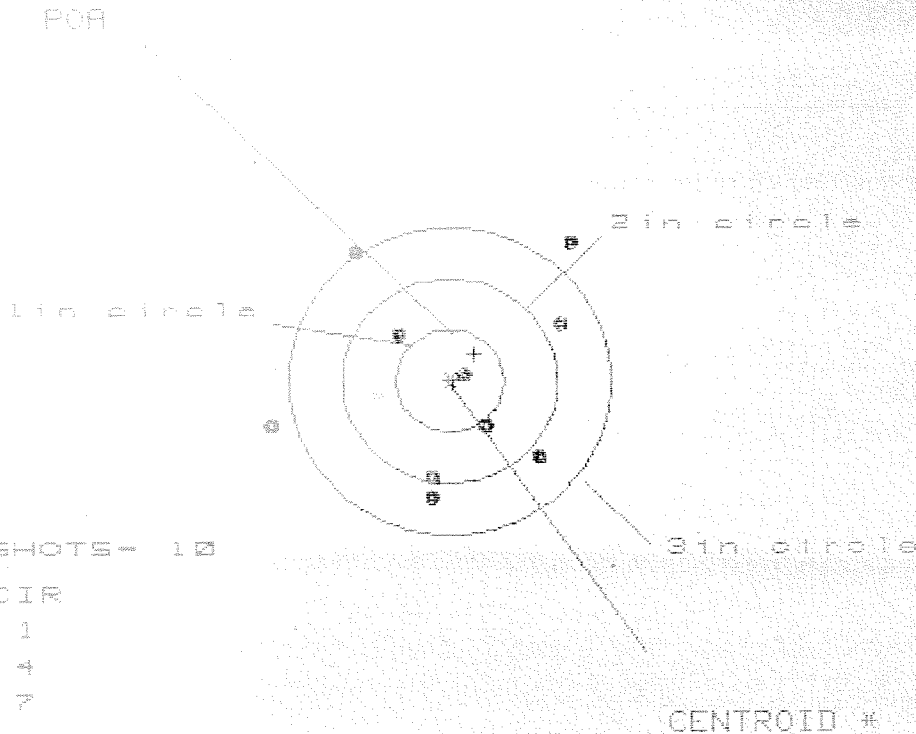
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NUMBER IN THREE INCH CIRCLE =

7

7 Aug 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6636269

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 2.786

VS= 2.569

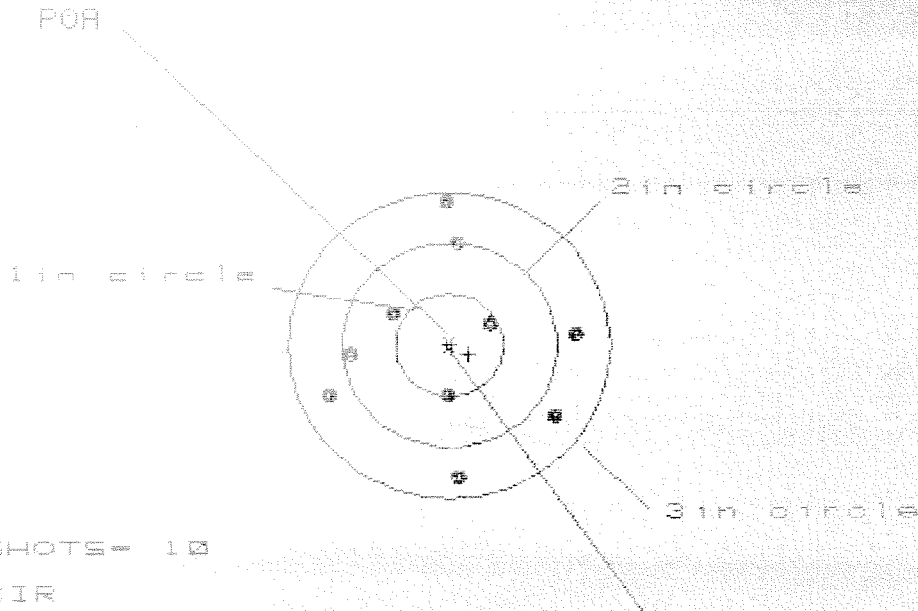
GS= 3.342

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.159	1.125	1.937
MINIMUM X	-1.637	-1.508	-1.968
MAXIMUM Y	1.398	1.446	1.411
MINIMUM Y	-1.171	-1.015	-1.050
CENTROID X	-1.228	-1.357	-1.169
CENTROID Y	-1.260	-1.416	-1.381
POA TO CENTROID in.	1.346	1.548	1.417
MIN RADIUS	1.140	1.341	1.222
MEAN RADIUS	1.083	1.080	1.901
MAX RADIUS	1.817	1.643	1.711
HORIZONTAL SPREAD	2.796	2.633	1.905
VERTICAL SPREAD	2.569	2.461	2.461
EXTREME SPREAD	3.342	2.797	2.659
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

7 Aug 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 2.296

VS= 2.644

GS= 2.644

PATTERN #

3

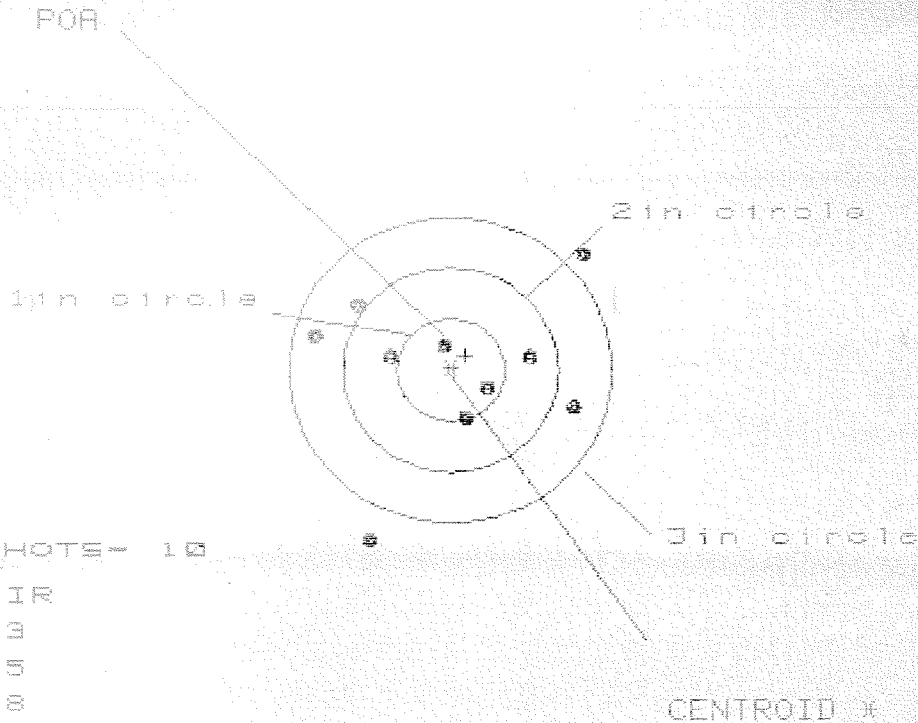
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.127	1.128	1.135
MINIMUM X	-1.169	-1.168	-1.161
MAXIMUM Y	1.363	1.169	1.028
MINIMUM Y	-1.282	-1.130	-0.670
CENTROID X	-0.176	-0.177	-0.184
CENTROID Y	0.088	-0.063	0.078
POA TO CENTROID in.	0.197	0.188	0.200
MIN RADIUS	0.459	0.361	0.471
MEAN RADIUS	0.972	0.920	0.885
MAX RADIUS	1.363	1.213	1.253
HORIZONTAL SPREAD	2.296	2.296	2.296
VERTICAL SPREAD	2.644	2.299	1.698
EXTREME SPREAD	2.644	2.373	2.373
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		

7 Aug 1991

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.549

VS= 2.733

GS= 3.371

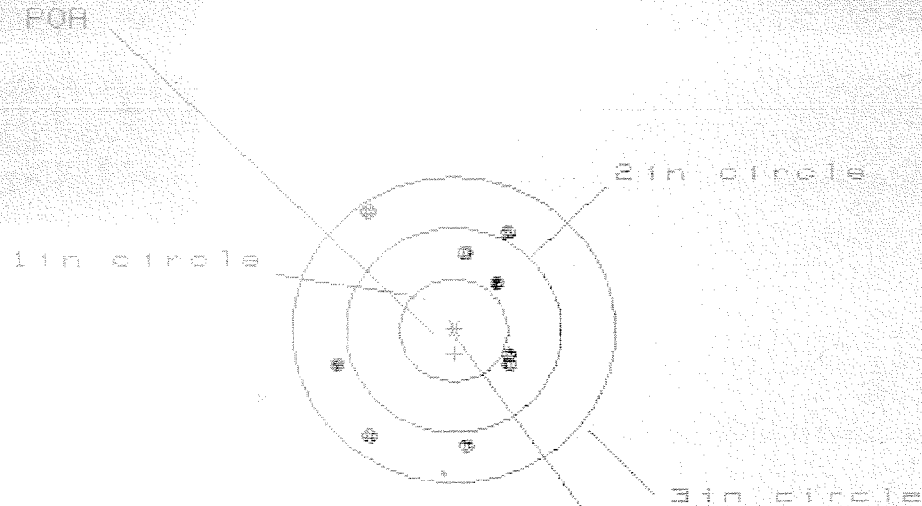
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.237	1.156	1.165
MINIMUM X	-1.312	-1.393	-1.249
MAXIMUM Y	1.111	.930	.549
MINIMUM Y	-1.623	-.602	-.486
CENTROID X	-.137	-.056	-.200
CENTROID Y	-.136	.045	-.072
POA TO CENTROID in.	.193	.071	.212
MIN RADIUS	.228	.180	.147
MEAN RADIUS	.932	.836	.731
MAX RADIUS	1.782	1.483	1.283
HORIZONTAL SPREAD	2.549	2.549	2.414
VERTICAL SPREAD	2.733	1.532	1.035
EXTREME SPREAD	3.371	2.658	2.507
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

7 Aug 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS= 1.633

VS= 2.305

GS= 2.450

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.551	.466	.357
MINIMUM X	-1.082	-1.167	-1.276
MAXIMUM Y	1.204	1.070	.963
MINIMUM Y	-1.101	-.967	-1.074
CENTROID X	-.008	.077	.186
CENTROID Y	.235	.102	.209
POA TO CENTROID in.	.236	.128	.279
MIN RADIUS	.596	.465	.417
MEAN RADIUS	.925	.840	.761
MAX RADIUS	1.431	1.218	1.316
HORIZONTAL SPREAD	1.633	1.633	1.633
VERTICAL SPREAD	2.305	2.037	2.037
EXTREME SPREAD	2.450	2.303	2.080
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	