

C6636239

MODEL 760™ M24

Model **SM5**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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

MODEL 700™ M24

MADE IN ILION, 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. C6636209

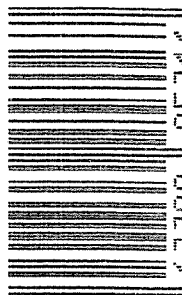
ORDER NO. 5716

20



5716 C6636209

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6636239

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/27/91	KH
600	Proof		6/27/91	KH
607	Check Headspace		6/27/91	KH
610	Dis-assemble Gun		6/27/91	KH
612	Magnaflux Barrel Action		JUL 2 1991	KR
	Magnaflux Bolt		JUL 2 1991	KR
615	Rollmark Caliber		JUL 2 1991	KR
617	Drill and Tap Sight Holes		JUL 2 1991	FB
618	Polish Barrel		JUL 7 1991	WB
620	Apply Coatings (Barrel Action)		8/6/91	HA
	Apply Coating (Bolt)		8/6/91	HA
625	Final Assembly A) Clean inside of Bolt Assembly		8/15/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/15/91	KH
	C) Inspect Ejector Hole for Chamfer		8/15/91	KH
	D) Oil Firing Pin Ass'y		8/15/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		8/16/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 ³ / ₄	4 ³ / ₄	4 ³ / ₄			8/16/91	WB
	G) Safety Off Force	2	2	2			8/16/91	WB
	H) Trigger Pull Test & Retainability						8/16/91	WB
	I) Firing Pin Indent	.0225	.0215	.022			8/16/91	WB
	J) Assemble Stock						8/19/91	KF
	K) Assemble Swivel Studs						8-21-91	Ac
	L) Attach Front and Rear Sight Assemblies						8/19/91	KF
	M) Iron Sight Alignment						8/19/91	KF
	N) Detach Front & Rear Sights & place in numbered container						8/19/91	KF
	O) Attach Scope to Rifle						8/19/91	KF
	P) Detach & Attach Scope 20 Times						8/19/91	KF
640	Gallery Target & Test						8/20/91	KF
	A) Time							KF
	B) Malfunctions							KF
	C) Pierced Primers							KF
	D) Optical Clarity of Scope							KF
645	Inspect for Live Ammo						8/20/91	KF
655	Final Inspection							
	A) Headspace						8-21-91	Ac
	B) Trigger Pull	277	263	279	280	270	8-21-91	DH
	C) Function						8-21-91	Ac
660	Pack						9-19-91	VF

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636239
23 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.116709
1 TO	2	.240077
1 TO	3	.145602
1 TO	4	.217276
1 TO	5	.0725328

<----POB

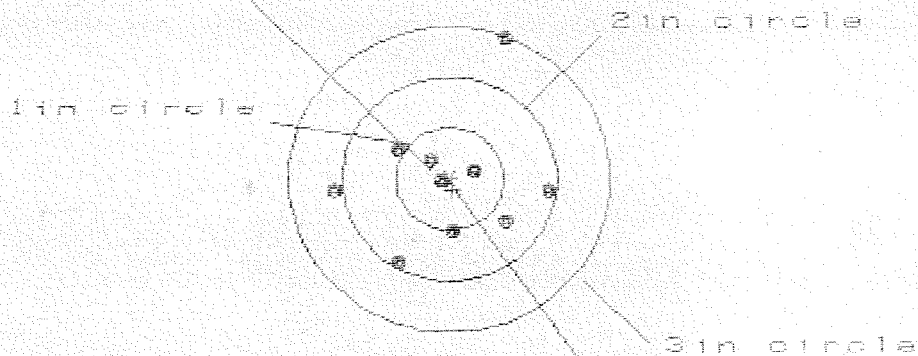
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0614
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0154
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0633018
THE AMR FOR THIS RIFLE IS: .9322

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8636233

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 1.984

VS= 2.219

GS= 2.431

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.913	.975	.849
MINIMUM X	-1.071	-1.009	-1.567
MAXIMUM Y	1.418	.405	.412
MINIMUM Y	-.801	-.643	-.636
CENTROID X	-.025	-.086	.040
CENTROID Y	.114	-.044	-.051
POA TO CENTROID in.	.116	.097	.065
MIN RADIUS	.046	.169	.207
MEAN RADIUS	.672	.584	.523
MAX RADIUS	1.523	1.011	.851
HORIZONTAL SPREAD	1.984	1.984	1.416
VERTICAL SPREAD	2.219	1.048	1.048
EXTREME SPREAD	2.431	1.984	1.518
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6536239

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 6

HS = 2.447

VS = 3.675

GS = 4.141

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.371

1.265

1.371

MINIMUM X

-1.076

-1.182

-1.076

MAXIMUM Y

1.425

1.175

.966

MINIMUM Y

-2.250

-1.062

-.915

CENTROID X

-.106

-.000

-.106

CENTROID Y

-.112

.138

-.009

POA TO CENTROID in.

.155

.138

.106

MIN RADIUS

.124

.376

.195

MEAN RADIUS

1.143

1.034

.929

MAX RADIUS

2.444

1.449

1.510

HORIZONTAL SPREAD

2.447

2.447

2.447

VERTICAL SPREAD

3.675

2.237

1.881

EXTREME SPREAD

4.141

2.533

2.467

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

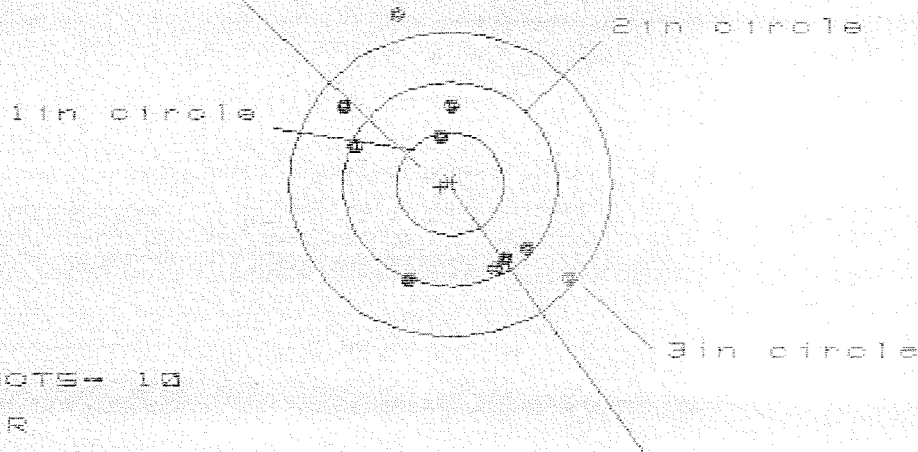
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FILE:/PATTERNING/CENTERFIRE_PATT/C6B36239

CENTERFIRE PATTERNS # 3

POB



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 2.146

VS = 2.548

GS = 3.026

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.156
MINIMUM X	-0.990
MAXIMUM Y	1.630
MINIMUM Y	-0.918
CENTROID X	0.091
CENTROID Y	0.026
POB TO CENTROID in.	0.094
MIN RADIUS	0.479
MEAN RADIUS	1.039
MAX RADIUS	1.698
HORIZONTAL SPREAD	2.146
VERTICAL SPREAD	2.548
EXTREME SPREAD	3.026
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8636239

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 9

HS = 1.401

VS = 2.804

GS = 2.885

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.695	.629	.633
MINIMUM X	-.706	-.772	-.768
MAXIMUM Y	1.318	1.153	.494
MINIMUM Y	-1.486	-1.276	-1.132
CENTROID X	-.172	-.106	-.110
CENTROID Y	-.046	.119	-.025
POA TO CENTROID in.	.178	.160	.112
MIN RADIUS	.158	.059	.196
MEAN RADIUS	.747	.623	.565
MAX RADIUS	1.598	1.299	1.157
HORIZONTAL SPREAD	1.401	1.401	1.401
VERTICAL SPREAD	2.804	2.429	1.626
EXTREME SPREAD	2.885	2.444	1.766
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

23 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6836239

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 0

2in = 5

3in = 9

HS = 2.734

VS = 3.072

GS = 3.221

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.386	1.341	.738
MINIMUM X	-1.348	-1.393	-1.225
MAXIMUM Y	.903	.662	.617
MINIMUM Y	-2.169	-1.086	-1.131
CENTROID X	-.095	-.050	-.213
CENTROID Y	.095	.336	.381
POA TO CENTROID in.	.134	.340	.439
MIN RADIUS	.557	.356	.274
MEAN RADIUS	1.060	.866	.797
MAX RADIUS	2.206	1.468	1.327
HORIZONTAL SPREAD	2.734	2.734	1.963
VERTICAL SPREAD	3.072	1.748	1.748
EXTREME SPREAD	3.221	2.736	2.220
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6636739

DATE 8/16/91

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.36	2.36	2.77	MIN. SETTING,
PULL #2	2.49	2.49	2.46	2.63	NO AVG. OF 5
PULL #3	2.57	2.50	2.50	2.79	READINGS ACCEPT-
PULL #4	2.50	2.43	2.51	2.80	ABLE LESS THAN 2#
PULL #5	2.56	2.40	2.35	2.70	
TOTAL	12.59	12.18	12.18		
AVG.	2.52	2.43	2.43		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	2.96		
PULL #2	3.02	2.86		
PULL #3	3.06	2.80		
PULL #4	2.98	2.81		
PULL #5	3.03	2.95		
TOTAL	15.12	14.38		
AVG.	3.02	2.87		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.00		4.29
PULL #2	4.12	4.22		4.07
PULL #3	3.85	4.20		4.32
PULL #4	4.24	4.07		4.27
PULL #5	4.29	4.19		4.08
TOTAL	20.69	20.68		21.03
AVG.	4.14	4.14		4.21