

C6611805

MODEL 760™ N24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington®
REG. U.S. PAT. & TM. OFF.

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

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

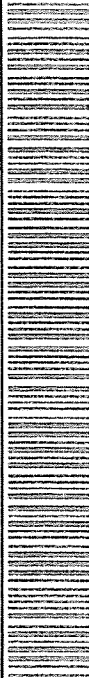
MODEL 700TM M24

SERIAL NO.
C6611806

ORDER NO.
5716

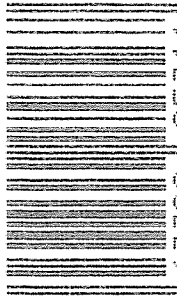
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611806

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611806

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY INSPECTION	1/22/91	KS
600	Proof		1/22/91	KS
607	Check Headspace		1/22/91	KS
610	Dis-assemble Gun		1/22/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	LS
617	Drill and Tap Sight Holes	2 2 91		LB
618	Polish Barrel RBB	2 2 91		WB
620	Apply Coatings (Barrel Action)		2/1/91	TS
	Apply Coating (Bolt)		2/1/91	TS
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/18/91	LS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	LS
	C) Inspect Ejector Hole for Chamfer		2/18/91	LS
	D) Oil Firing Pin Ass'y		2/18/91	LS
	E) Adjust Trigger Pull to Min Setting and Stake		2/18/91	LS

op. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			2/19/91	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2/19/91	WLB
	H) Trigger Pull Test & Retainability						2/19/91	WLB
	I) Firing Pin Indent	.0205	.021	.0205			2/19/91	WLB
	J) Assemble Stock						2/19/91	Kel
	K) Assemble Swivel Studs						2-22-91	AC
	L) Attach Front and Rear Sight Assemblies						2/19/91	Kel
	M) Iron Sight Alignment						2/19/91	Kel
	N) Detach Front & Rear Sights & place in numbered container						2/19/91	Kel
	O) Attach Scope to Rifle						2/19/91	Kel
	P) Detach & Attach Scope 20 Times						2/19/91	Kel
640	Gallery Target & Test						2/20/91	WLB
	A) Time							WLB
	B) Malfunctions							WLB
	C) Pierced Primers							WLB
	D) Optical Clarity of Scope							WLB
645	Inspect for Live Ammo						2/20/91	WLB
655	Final Inspection							
	A) Headspace						2-22-91	AC
	B) Trigger Pull	2.70	2.68	2.72	2.75	2.70	2/21/91	WLB
	C) Function						2-22-91	AC
660	Pack						3-13-91	WLB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CL611806

DATE 2/19/91

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.32	2.32	2.70	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.18	2.33	2.68	
PULL #3	2.43	2.26	2.28	2.72	
PULL #4	2.47	2.27	2.20	2.75	
PULL #5	2.49	2.30	2.20	2.70	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.45		
PULL #2	3.43	3.43		
PULL #3	3.46	3.38		
PULL #4	3.43	3.45		
PULL #5	3.41	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.37		4.46
PULL #2	4.15	4.41		4.32
PULL #3	4.41	4.15		4.35
PULL #4	4.45	4.36		4.52
PULL #5	4.42	4.39		4.46
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611806
21 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.329073
1 TO	2	.261842
1 TO	3	.370827
1 TO	4	.142524
1 TO	5	.344354

0.1

<----FOR

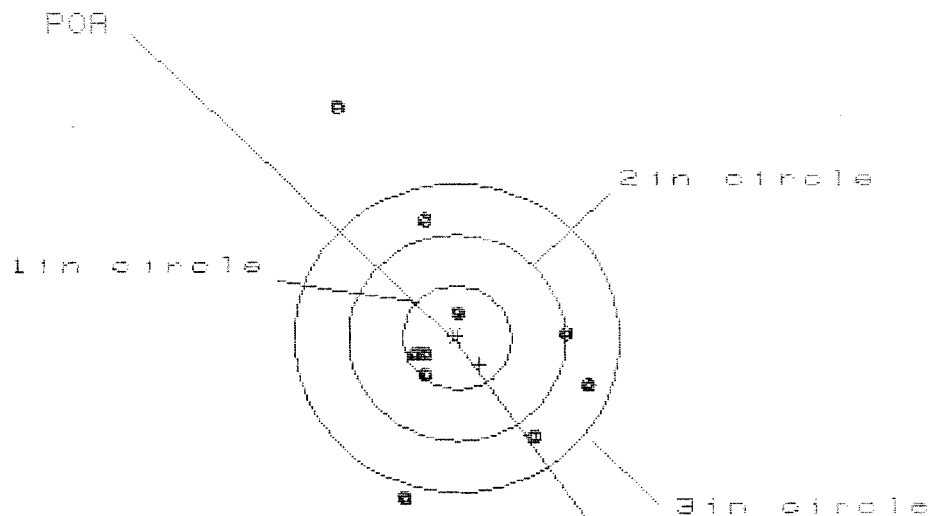
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0862
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1222
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .149544

THE AMR FOR THIS RIFLE IS: 1.098

21 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6511806

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 8

HS= 2.332

VS= 3.820

GS= 3.880

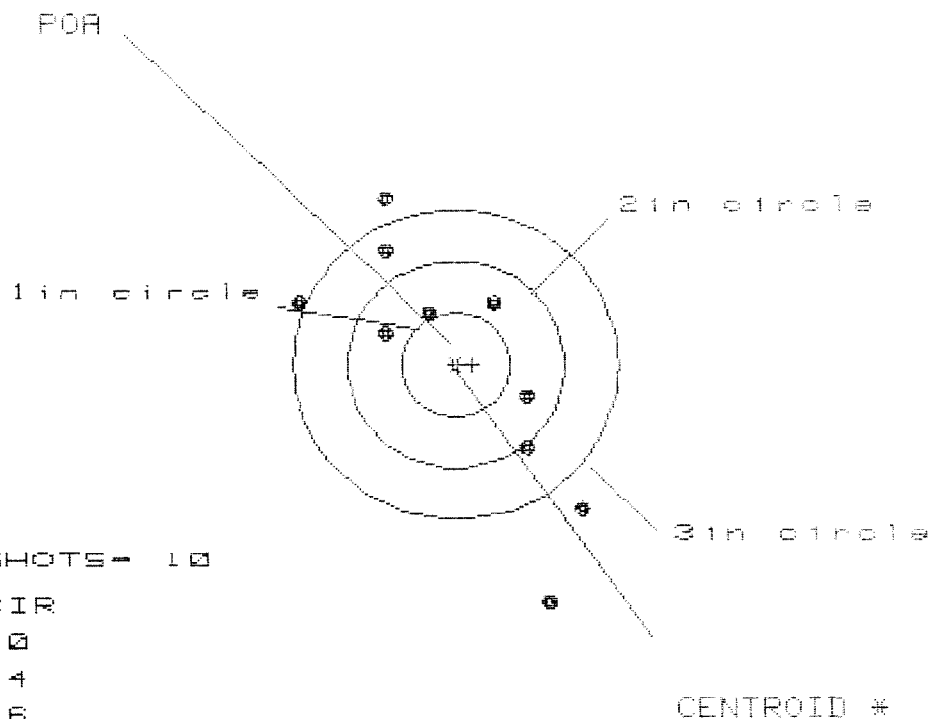
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.201	1.075	1.002
MINIMUM X	:	-1.131	-0.580	-0.565
MAXIMUM Y	:	2.229	1.413	1.245
MINIMUM Y	:	-1.591	-1.343	-0.834
CENTROID X	:	-0.208	-0.082	-0.009
CENTROID Y	:	.255	.007	.175
POR TO CENTROID in.	:	.329	.082	.176
MIN RADIUS	:	.254	.403	.390
MEAN RADIUS	:	1.026	.857	.779
MAX RADIUS	:	2.500	1.480	1.347
HORIZONTAL SPREAD	:	2.332	1.655	1.567
VERTICAL SPREAD	:	3.820	2.756	2.079
EXTREME SPREAD	:	3.880	2.759	2.317
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS # 2



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.128	1.220	.930
MINIMUM X	:	-1.428	-1.336	-1.183
MAXIMUM Y	:	1.632	1.378	1.174
MINIMUM Y	:	-2.280	-1.638	-1.260
CENTROID X	:	-.153	-.245	-.398
CENTROID Y	:	-.001	.253	.457
POA TO CENTROID in.	:	.153	.352	.606
MIN RADIUS	:	.591	.324	.075
MEAN RADIUS	:	1.264	1.078	.893
MAX RADIUS	:	2.428	2.042	1.566
HORIZONTAL SPREAD	:	2.556	2.556	2.113
VERTICAL SPREAD	:	3.912	3.016	2.434
EXTREME SPREAD	:	4.166	3.475	2.752
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 8

CENTROID #

HS= 2.407

VS= 2.574

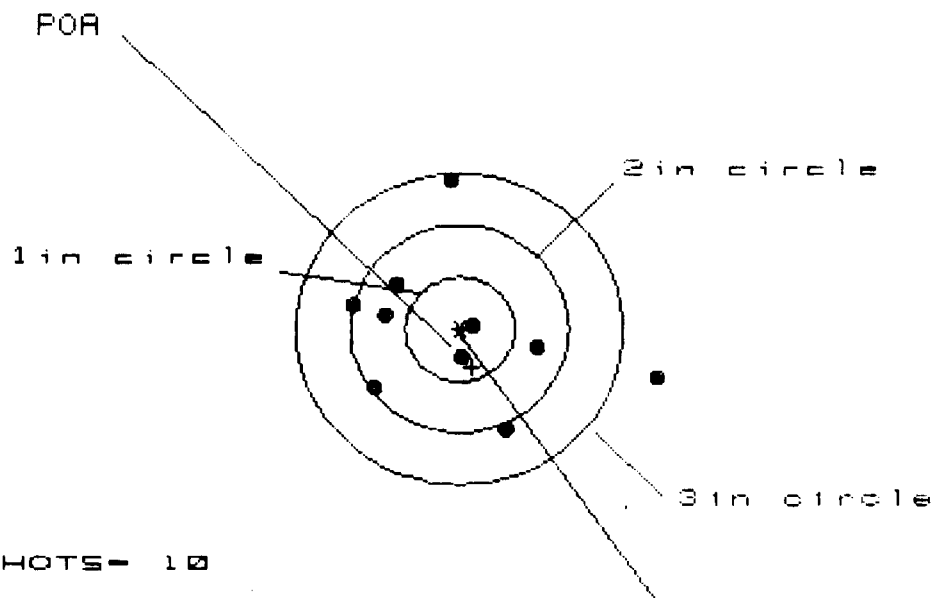
GS= 3.313

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.240
MINIMUM X	-1.167
MAXIMUM Y	1.587
MINIMUM Y	-0.987
CENTROID X	.099
CENTROID Y	.047
POA TO CENTROID in.	.109
MIN RADIUS	.321
MEAN RADIUS	1.129
MAX RADIUS	1.879
HORIZONTAL SPREAD	2.407
VERTICAL SPREAD	2.574
EXTREME SPREAD	3.313
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	8

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.770

VS= 2.426

GS= 2.852

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.795	.927	.944
MINIMUM X	-.975	-.776	-.759
MAXIMUM Y	1.465	1.412	.566
MINIMUM Y	-.961	-1.014	-.838
CENTROID X	-.115	-.314	-.331
CENTROID Y	.363	.416	.240
POA TO CENTROID in.	.381	.522	.409
MIN RADIUS	.154	.335	.263
MEAN RADIUS	.886	.767	.676
MAX RADIUS	1.858	1.418	1.036
HORIZONTAL SPREAD	2.770	1.703	1.703
VERTICAL SPREAD	2.426	2.426	1.404
EXTREME SPREAD	2.852	2.469	1.794
NUMBER IN ONE INCH CIRCLE	2	2	2

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 4.079

VS= 2.232

GS= 4.080

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

10

9

8

1.998

1.767

.994

-2.081

-.868

-.647

.929

.998

1.096

-1.303

-1.234

-1.136

-.054

.177

-.044

-.053

-.122

-.220

.076

.215

.225

.595

.756

.669

1.187

1.089

.947

2.171

1.934

1.274

4.079

2.635

1.641

VERTICAL SPREAD :	2.232	2.232	2.232
EX BARBER - M24 0036322	4.080	3.105	2.409
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	