

C6522253

MODEL 760™ N24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

CC 522253

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/90	KA
600	Proof		6/24/90	KA
607	Check Headspace		6/24/90	KA
610	Dis-assemble Gun		6/24/90	KA
612	Magnaflux Barrel Action		7/10/90	KR
	Magnaflux Bolt		7/10/90	KR
615	Rollmark Caliber		7/10/90	ES
617	Drill and Tap Sight Holes		8/10/90	ES
618	Polish Barrel		8/10/90	ES
620	Apply Coatings (Barrel Action)		8/22/90	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/23/90	ES
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/23/90	ES
	C) Inspect Ejector Hole for Chamfer		8/23/90	ES
	D) Oil Firing Pin Ass'y		8/23/90	ES
	E) Adjust Trigger Pull to Min Setting and Stake		8/24/90	GU

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5 1/4	5			8/24/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			8/24/90	WB
	H) Trigger Pull Test & Retainability						8/24/90	JL
	I) Firing Pin Indent	.023	.023	.023			8/24/90	WB
	J) Assemble Stock						8/24/90	KS
	K) Assemble Swivel Studs						8/30/90	GS
	L) Attach Front and Rear Sight Assemblies						8/24/90	KS
	M) Iron Sight Alignment						8/24/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/24/90	KS
	O) Attach Scope to Rifle						8/24/90	KS
	P) Detach & Attach Scope 20 Times						8/24/90	KS
640	Gallery Target & Test						8-25-90	DH
	A) Time						8-25-90	DH
	B) Malfunctions						8-25-90	DH
	C) Pierced Primers						8-25-90	DH
	D) Optical Clarity of Scope						8-25-90	DH
645	Inspect for Live Ammo						8-25-90	DH
655	Final Inspection							
	A) Headspace						8/30/90	GS
	B) Trigger Pull	2.12	2.13	2.15	2.15	2.18	8/30/90	GS
	C) Function						8/30/90	GS
660	Pack						9/20/90	VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO C6522253DATE 8/24/90TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.20	2.33	2.12	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.25	2.15	2.13	
PULL #3	2.25	2.08	2.20	2.15	
PULL #4	2.25	2.26	2.10	2.15	
PULL #5	2.22	2.14	2.25	2.18	
TOTAL	11.35	10.93	11.03	10.73	
AVG.	2.27	2.186	2.206	2.146	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.19		
PULL #2	3.19	3.16		
PULL #3	3.15	3.15		
PULL #4	3.16	3.19		
PULL #5	3.20	3.15		
TOTAL	15.88	15.84		
AVG.	3.176	3.168		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.10		4.12
PULL #2	4.18	4.17		4.18
PULL #3	4.14	4.18		4.16
PULL #4	4.16	4.08		4.20
PULL #5	4.14	4.16		4.14
TOTAL	20.80	20.69		20.80
AVG.	4.16	4.138		4.16

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # 06522253
 25 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.534176
1 TO	2	.692755
1 TO	3	.220989
1 TO	4	.21836
1 TO	5	.435894

$\frac{5}{3} +$ <----POA
₂

THIS RIFLE IS: -.3388

THIS RIFLE IS: -.0888

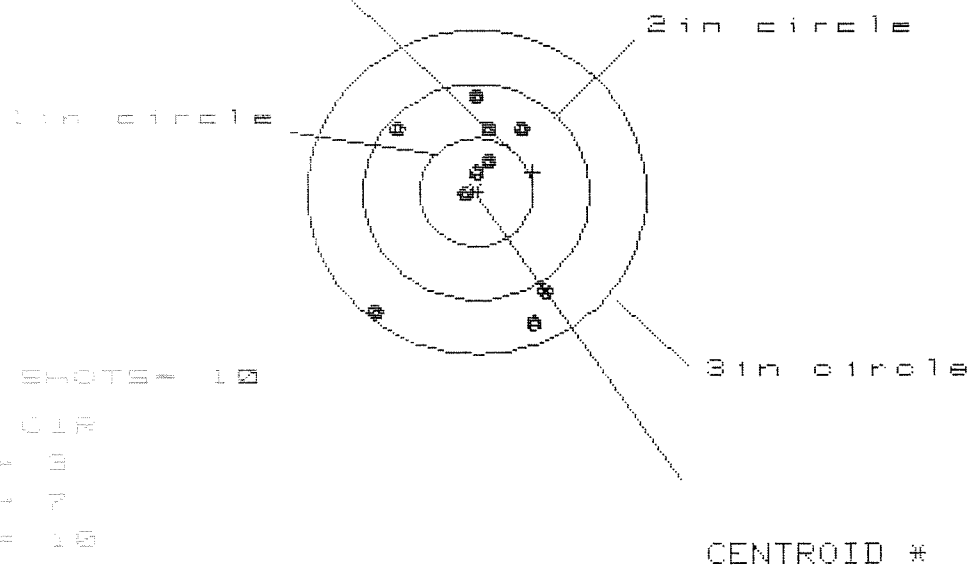
TIME FOR THIS RIFLE IS: .350244

1118

CENTERFIRE PATTERNS

1

FOR



OF SHOTS- 10

IN 1IN CIR

IN 2IN CIR

IN 3IN CIR

IN 4IN CIR

IN 5IN CIR

IN 6IN CIR

IN 7IN CIR

PATTERN #

PATTERN

SHOTS (BEST OF

10

9

8

MAXIMUM : .640

.543

.589

MINIMUM : -.875

-.769

-.723

MAXIMUM : .925

.806

.641

MINIMUM : -1.197

-1.316

-1.198

CENTROID : -.500

-.403

-.449

CENTROID : -.188

-.069

.096

RADIUS TO MAXIMUM : .535

.409

.459

RADIUS : .093

.139

.037

RADIUS : .748

.646

.500

RADIUS : 1.386

1.365

1.334

HORIZONTAL SPREAD : 1.515

1.312

1.312

VERTICAL SPREAD : 2.122

2.122

1.839

EXTREME SPREAD : 2.168

2.169

2.002

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

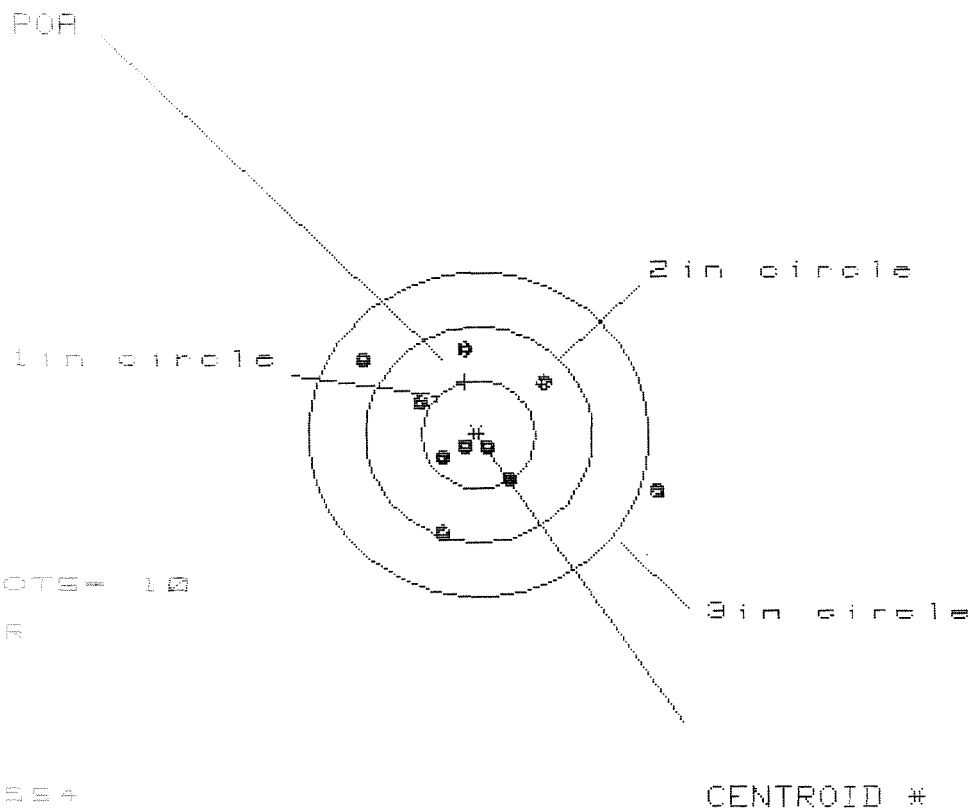
NUMBER IN THREE INCH CIRCLE =

10

25 Aug 1938

FILE:/PATTERNING/CENTERFIRE_PATT/06522253

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 5

CE= 2.554

CS= 1.666

GS= 2.885

CENTROID *

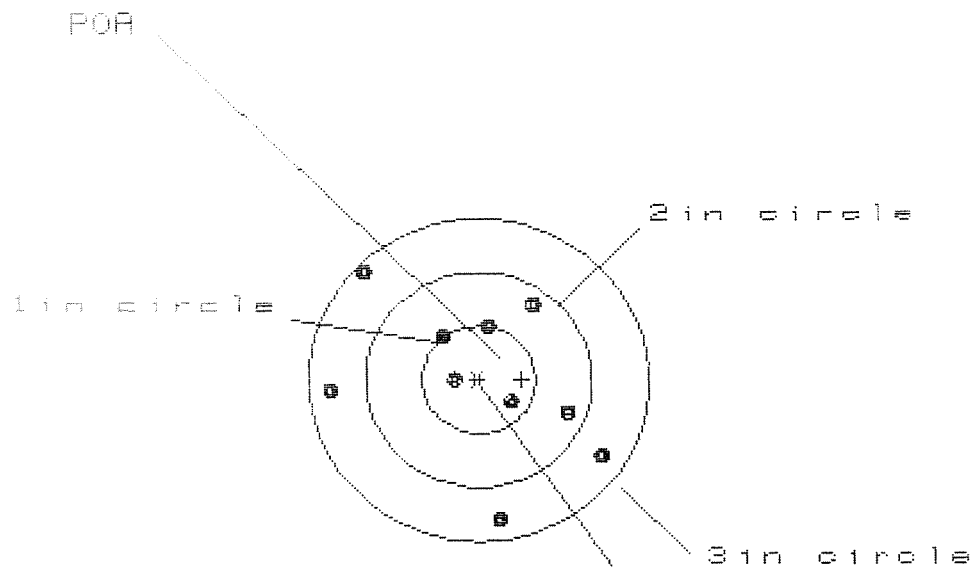
PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.585	.763	.659
MINIMUM X	-1.009	-.833	-.461
MAXIMUM Y	.827	.766	.847
MINIMUM Y	-.869	-.930	-.849
CENTROID X	.122	-.054	.050
CENTROID Y	-.493	-.432	-.513
POA TO CENTROID (in)	.508	.435	.516
MIN RADIUS	.099	.172	.126
MEAN RADIUS	.724	.611	.531
MAX RADIUS	1.678	1.057	.896
HORIZONTAL SPREAD	2.594	1.596	1.120
VERTICAL SPREAD	1.696	1.696	1.696
EXTREME SPREAD	2.885	1.716	1.712
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	9	

25 Aug 1990

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CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 10

SE = 2.348

SSE = 2.225

SSSE = 2.663

PATTERN #

4

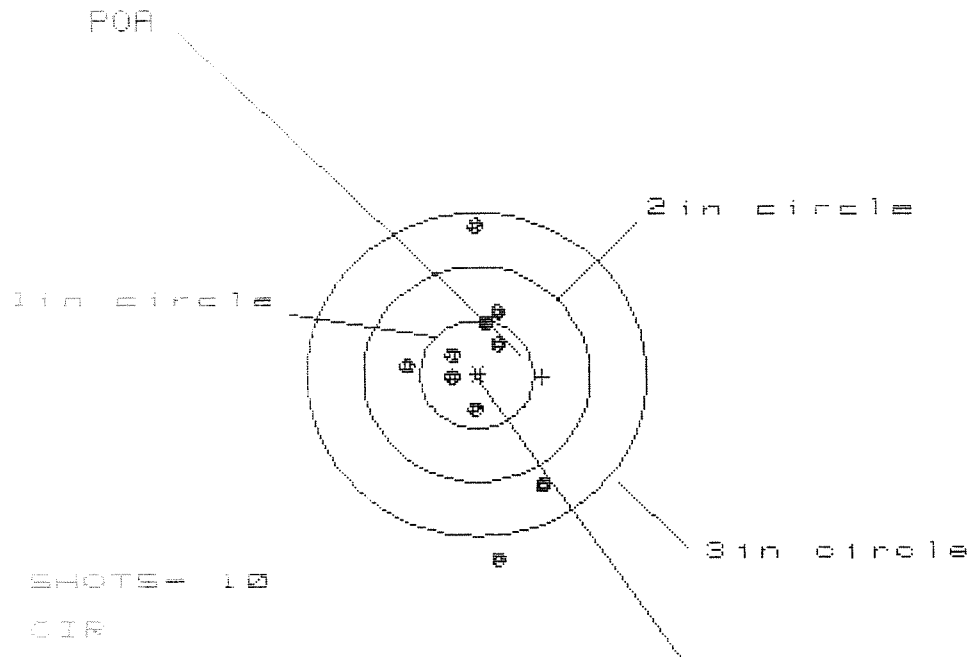
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.047	.928	.751
MINIMUM X	-1.301	-1.420	-.609
MAXIMUM Y	.962	.841	.848
MINIMUM Y	-1.263	-1.156	-1.149
CENTROID X	-.384	-.265	-.088
CENTROID Y	-.003	-.110	-.117
POA TO CENTROID INCH	.384	.287	.146
MIN RADIUS	.219	.235	.104
MEAN RADIUS	.856	.788	.690
MAX RADIUS	1.434	1.421	1.154
HORIZONTAL SPREAD	2.348	2.348	1.360
VERTICAL SPREAD	2.225	1.997	1.997
EXTREME SPREAD	2.663	2.426	2.025
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

25 Aug 1990

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CENTERFIRE PATTERNS

3



OF SHOTS = 10

IN CIR

1 in = 5

2 in = 7

3 in = 8

HS = 1.282

VS = 3.045

GS = 3.052

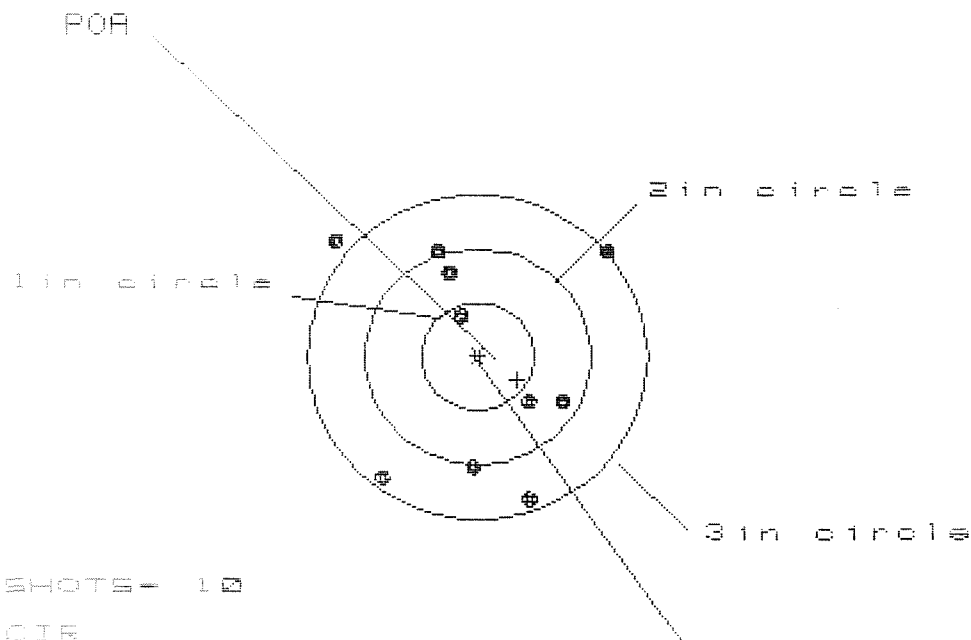
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.621	.640	.638
MINIMUM X	-.661	-.642	-.644
MAXIMUM Y	1.367	1.181	.542
MINIMUM Y	-1.678	-1.232	-1.085
CENTROID X	-.580	-.599	-.597
CENTROID Y	.018	.204	.057
POA TO CENTROID in.	.580	.633	.600
MIN RADIUS	.232	.173	.217
MEAN RADIUS	.712	.560	.497
MAX RADIUS	1.686	1.389	1.258
HORIZONTAL SPREAD	1.282	1.282	1.282
VERTICAL SPREAD	3.045	2.413	1.627
EXTREME SPREAD	3.052	2.501	1.726
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

25 Aug 1988

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 8

SE = 2.403

VE = 2.423

GE = 2.973

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.135
MINIMUM X	-1.268
MAXIMUM Y	1.115
MINIMUM Y	-1.308
CENTROID X	-.352
CENTROID Y	.222
POA TO CENTROID (in)	.416
MIN RADIUS	.346
MEAN RADIUS	1.069
MAX RADIUS	1.688
HORIZONTAL SPREAD	2.403
VERTICAL SPREAD	2.423
EXTREME SPREAD	2.973
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

Remington[®]

MODEL 700TM 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.

REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6522253

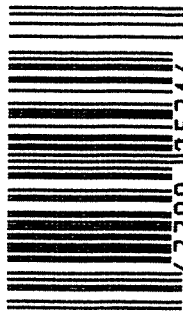
ORDER NO.
5716

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5716 C6522253

UPC



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