

C6649258

MODEL 760™ N24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington




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

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

SERIAL NO.
C6649258

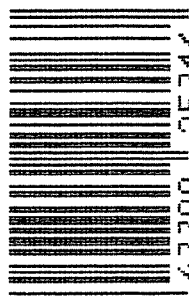
ORDER NO.
5716

MODEL 700TM H24

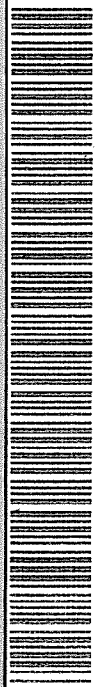
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

LPC



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5716 C6649258

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649258

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27 9 1		AW
600	Proof	6 27 9 1		AW
607	Check Headspace	6 27 9 1		AW
610	Dis-assemble Gun	6 27 9 1		AW
612	Magnaflux Barrel Action	JUL 2 1991		KR
	Magnaflux Bolt	JUL 2 1991		KR
615	Rollmark Caliber	JUL 2 1991		GL
617	Drill and Tap Sight Holes	JUL 2 1991		FB
618	Polish Barrel	JUL 7 1991		WB
620	Apply Coatings (Barrel Action)		7-22-91	AW
	Apply Coating (Bolt)			AW
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	RW
	C) Inspect Ejector Hole for Chamfer		7/23/91	RW
	D) Oil Firing Pin Ass'y		7/23/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-5-91	94

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			Aug 5-91	AC
	G) Safety Off Force	4	4	4			Aug 5-91	AC
	H) Trigger Pull Test & Retainability						8-5-91	JL
	I) Firing Pin Indent	.020	.020	.020			Aug-5-91	AC
	J) Assemble Stock						8/6/91	RW
	K) Assemble Swivel Studs						8-7-91	JL
	L) Attach Front and Rear Sight Assemblies						8/6/91	RW
	M) Iron Sight Alignment						8/6/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/6/91	RW
	O) Attach Scope to Rifle						8/6/91	RW
	P) Detach & Attach Scope 20 Times						8/6/91	RW
640	Gallery Target & Test						8-6-91	AC
	A) Time						"	AC
	B) Malfunctions						"	AC
	C) Pierced Primers						"	AC
	D) Optical Clarity of Scope						"	AC
645	Inspect for Live Ammo						8-6-91	AC
655	Final Inspection							
	A) Headspace						8-7-91	JL
	B) Trigger Pull	2.49	2.48	2.48	2.49	2.57	8-7-91	JL
	C) Function						8-7-91	JL
660	Pack						8-18-91	AC

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6646258
6 Aug 1991

CENTROIDAL DISTANCES

Ø TO	1	.152977
1 TO	2	.333257
1 TO	3	.0939415
1 TO	4	.118512
1 TO	5	.114634

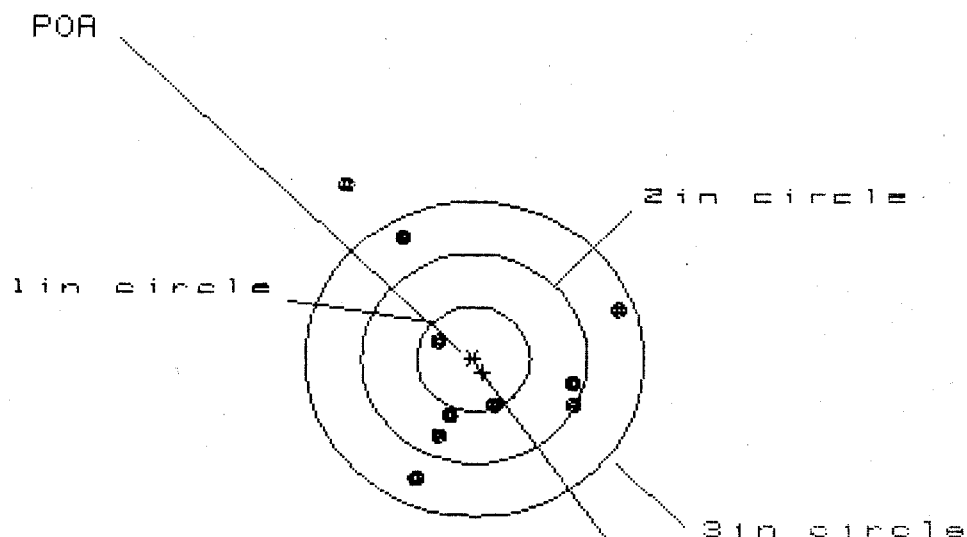
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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.021
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0748
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .077692
THE PRR FOR THIS RIFLE IS: .9092

6 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649258

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 6

3 in - 9

HS- 2.378

VS- 2.787

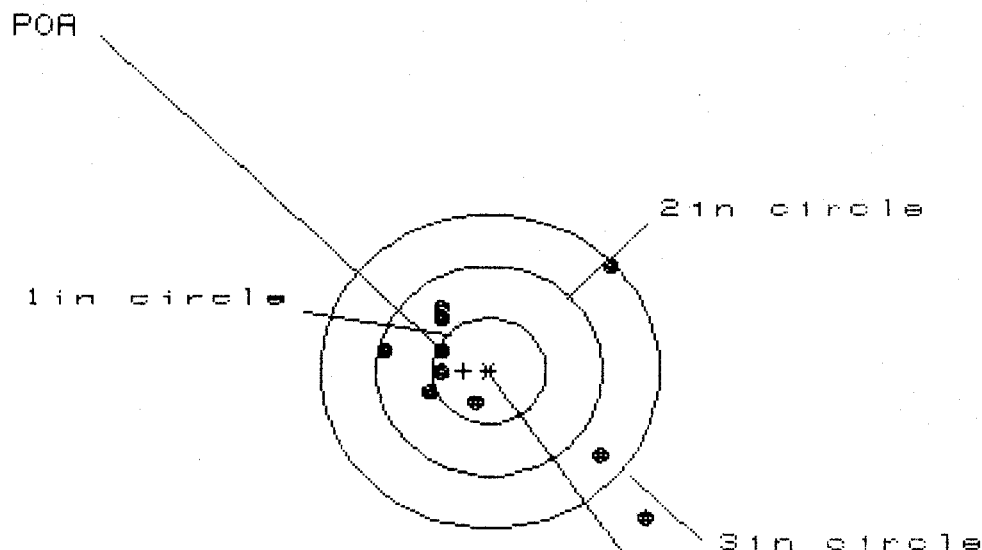
GS- 2.904

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.263	1.139	.861
MINIMUM X	:	-1.115	-.708	-.565
MAXIMUM Y	:	1.672	1.322	1.402
MINIMUM Y	:	-1.115	-.929	-.849
CENTROID X	:	-.079	.045	-.098
CENTROID Y	:	.131	-.055	-.135
POA TO CENTROID in.	:	.153	.071	.166
1 IN RADIUS	:	.396	.247	.227
2 IN RADIUS	:	.983	.820	.728
3 IN RADIUS	:	2.010	1.499	1.512
HORIZONTAL SPREAD	:	2.378	1.847	1.426
VERTICAL SPREAD	:	2.787	2.251	2.251
EXTREME SPREAD	:	2.904	2.356	2.253
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.294

VS= 2.401

GS= 2.797

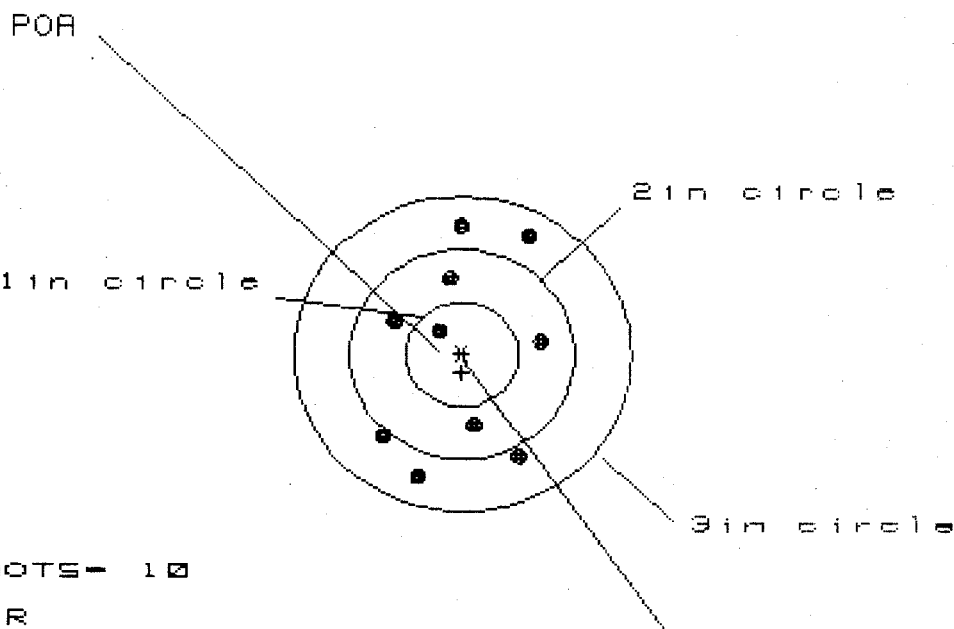
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.386	1.197	1.253
MINIMUM X	:	-.908	-.754	-.604
MAXIMUM Y	:	1.044	.893	.575
MINIMUM Y	:	-1.357	-.942	-.831
CENTROID X	:	.227	.073	-.077
CENTROID Y	:	-.001	.150	.039
POA TO CENTROID in.	:	.227	.167	.086
MIN RADIUS	:	.342	.295	.170
MEAN RADIUS	:	.894	.707	.549
MAX RADIUS	:	1.940	1.493	1.503
HORIZONTAL SPREAD	:	2.294	1.951	1.857
VERTICAL SPREAD	:	2.401	1.835	1.406
EXTREME SPREAD	:	2.797	2.125	2.125
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 1.432

VS= 2.365

GS= 2.467

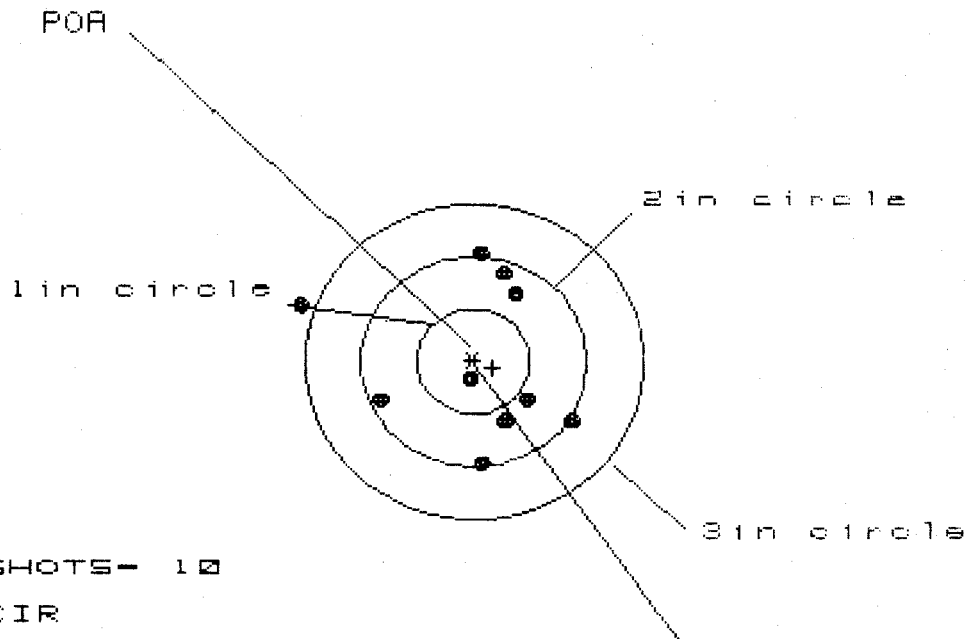
CENTROID *

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.739	.803	.765
MINIMUM X	:	-.693	-.629	-.667
MAXIMUM Y	:	1.200	1.324	1.194
MINIMUM Y	:	-1.165	-1.041	-1.022
CENTROID X	:	.006	-.059	-.021
CENTROID Y	:	.171	.047	.177
POR TO CENTROID in.	:	.171	.075	.179
MIN RADIUS	:	.324	.398	.302
MEAN RADIUS	:	.901	.858	.814
MAX RADIUS	:	1.255	1.328	1.195
HORIZONTAL SPREAD	:	1.432	1.432	1.432
VERTICAL SPREAD	:	2.365	2.365	2.216
EXTREME SPREAD	:	2.467	2.399	2.259
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	10		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 1

2in - 7

3in - 9

HS- 2.371

VS- 2.005

GS- 2.633

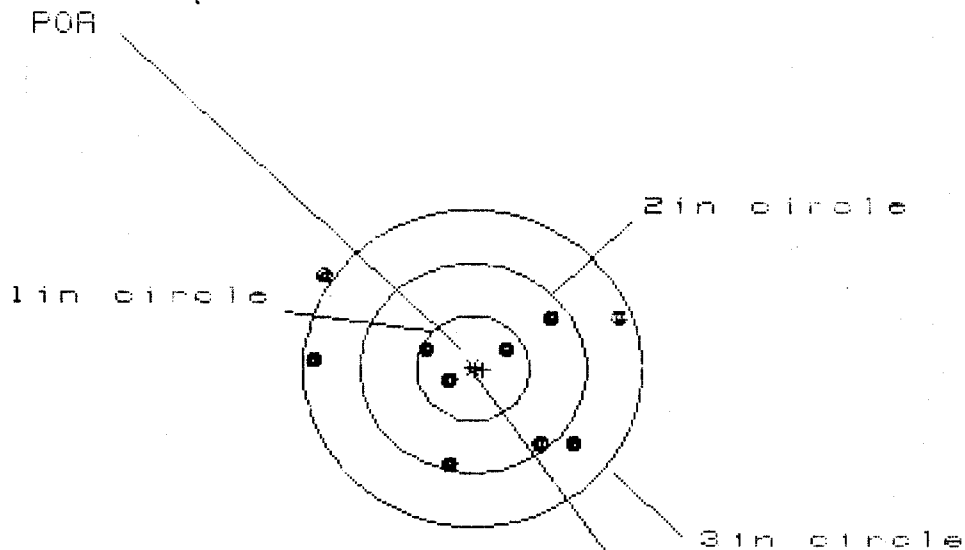
PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.876	.710	.344
MINIMUM X	-1.495	-.950	-.861
MAXIMUM Y	1.030	1.092	1.027
MINIMUM Y	-.975	-.913	-.979
CENTROID X	-.169	-.003	-.092
CENTROID Y	.060	-.002	.063
POA TO CENTROID in.	.179	.004	.112
MIN RADIUS	.183	.258	.226
MEAN RADIUS	.844	.737	.720
MAX RADIUS	1.595	1.095	1.027
HORIZONTAL SPREAD	2.371	1.660	1.205
VERTICAL SPREAD	2.005	2.005	2.005
EXTREME SPREAD	2.633	2.005	2.005
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

MS = 2.673

VS = 1.823

GS = 2.711

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.248	1.104	.908
MINIMUM X	:	-1.425	-1.569	-.761
MAXIMUM Y	:	.891	.624	.653
MINIMUM Y	:	-.932	-.833	-.804
CENTROID X	:	-.090	.054	.250
CENTROID Y	:	.013	-.086	-.115
POA TO CENTROID in.	:	.091	.102	.275
MIN RADIUS	:	.261	.336	.357
MEAN RADIUS	:	.924	.844	.746
MAX RADIUS	:	1.573	1.586	1.130
HORIZONTAL SPREAD	:	2.673	2.673	1.669
VERTICAL SPREAD	:	1.823	1.457	1.457
SPREAD SPEED	:	2.711	2.699	2.083
SHOTS IN ONE INCH CIRCLE	=		3	
SHOTS IN TWO INCH CIRCLE	=		6	
SHOTS IN THREE INCH CIRCLE	=		9	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649258

DATE 8-5-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.34	2.51	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.35	2.48	2.48	
PULL #3	2.40	2.45	2.44	2.48	
PULL #4	2.39	2.19	2.50	2.49	
PULL #5	2.56	2.50	2.56	2.59	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.52	3.54		
PULL #2	3.39	3.53		
PULL #3	3.46	3.55		
PULL #4	3.44	3.54		
PULL #5	3.49	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	4.49	4.45		4.49
PULL #2	4.53	4.44		4.47
PULL #3	4.43	4.43		4.43
PULL #4	4.51	4.46		4.52
PULL #5	4.53	4.49		4.48
TOTAL				
AVG.				