

CE498841

MODEL 700™ N24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington

*Still
Smell.*



MODEL 700™ H24



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

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

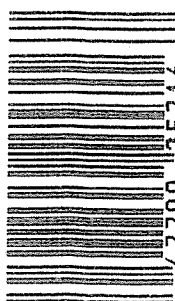
SERIAL NO.
C6498841

ORDER NO.
5716



5716 C6498841

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498841
31 Jul 1990

CENTROIDAL DISTANCES

0 TO	1	.243526
1 TO	2	.298811
1 TO	3	.154263
1 TO	4	.174642
1 TO	5	.0770065

$\bar{x}_2$ <----POA

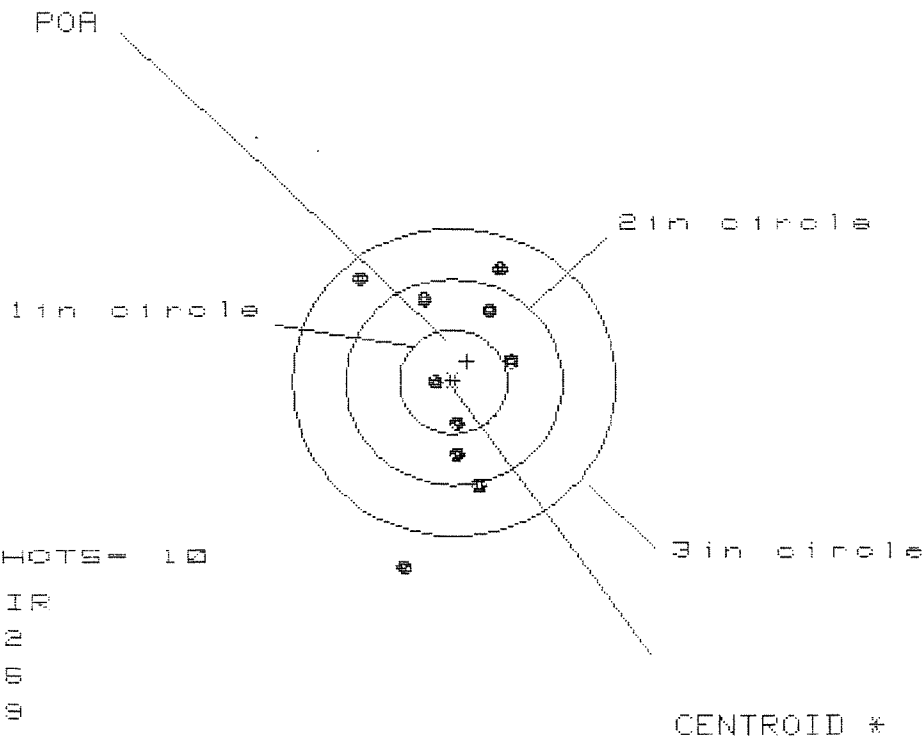
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0972$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.2724$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.289222$

THE AMR FOR THIS RIFLE IS: $.814$

31 Jul 1990

FILE:/PATTERNING/CENTERFIRE_PATT/CS49B841

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.352

VS= 2.914

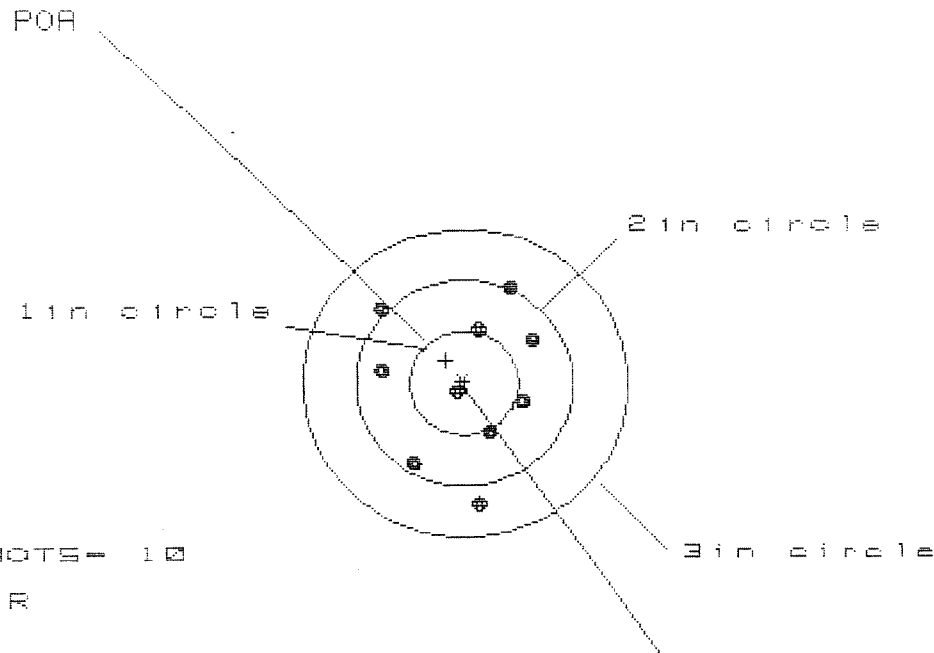
GS= 3.048

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.483	.434	.320
MINIMUM X	:	-.869	-.918	-.383
MAXIMUM Y	:	1.111	.910	1.014
MINIMUM Y	:	-1.803	-1.241	-1.137
CENTROID X	:	-.133	-.084	.030
CENTROID Y	:	-.204	-.003	-.107
POA TO CENTROID in.	:	.243	.084	.111
MIN RADIUS	:	.188	.280	.334
MEAN RADIUS	:	.886	.767	.697
MAX RADIUS	:	1.856	1.258	1.141
HORIZONTAL SPREAD	:	1.352	1.352	.703
VERTICAL SPREAD	:	2.914	2.151	2.151
EXTREME SPREAD	:	3.048	2.358	2.160
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

31 Jul 1998

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.349

VS= 2.097

GS= 2.117

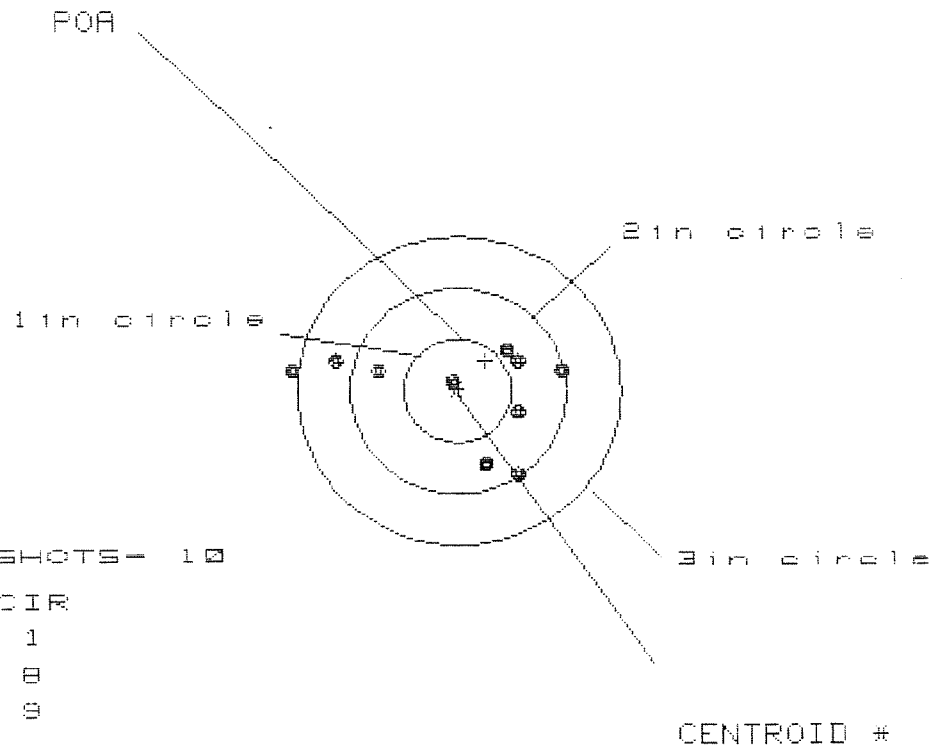
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.605	.616	.524
MINIMUM X	:	-.744	-.733	-.825
MAXIMUM Y	:	.905	.772	.849
MINIMUM Y	:	-1.192	-.901	-.825
CENTROID X	:	.165	.154	.246
CENTROID Y	:	-.226	-.093	-.169
POA TO CENTROID in.	:	.280	.180	.299
MIN RADIUS	:	.070	.184	.168
MEAN RADIUS	:	.725	.675	.624
MAX RADIUS	:	1.197	.987	.962
HORIZONTAL SPREAD	:	1.349	1.349	1.349
VERTICAL SPREAD	:	2.097	1.673	1.673
EXTREME SPREAD	:	2.117	1.858	1.858
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

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CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS= 2.498

VS= 1.188

GS= 2.498

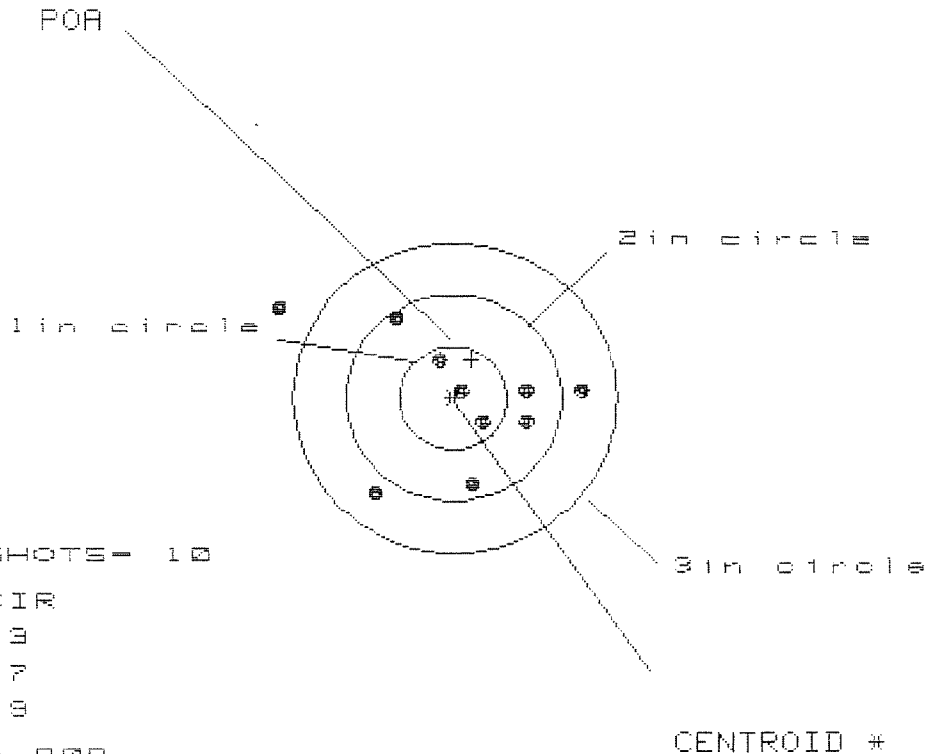
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.946
MINIMUM X	-1.552
MAXIMUM Y	.414
MINIMUM Y	-.774
CENTROID X	-.259
CENTROID Y	-.293
POA TO CENTROID in.	.391
MIN RADIUS	.108
MEAN RADIUS	.817
MAX RADIUS	1.569
HORIZONTAL SPREAD	2.498
VERTICAL SPREAD	1.188
EXTREME SPREAD	2.498
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	9

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.809

VS= 1.884

GS= 2.923

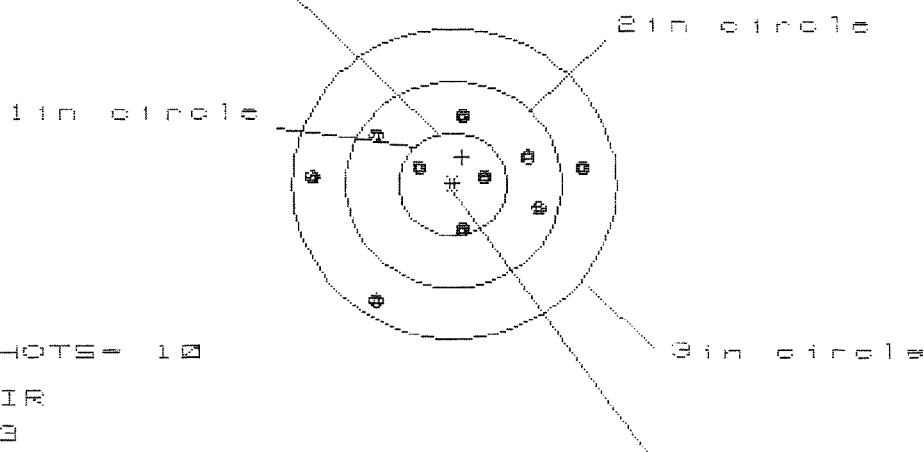
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.191	1.011	.896
MINIMUM X	:	-1.618	-.917	-.844
MAXIMUM Y	:	.916	.885	.777
MINIMUM Y	:	-.968	-.866	-.832
CENTROID X	:	-.173	.007	.122
CENTROID Y	:	-.374	-.476	-.368
POA TO CENTROID in.	:	.412	.476	.388
MIN RADIUS	:	.109	.154	.215
MEAN RADIUS	:	.827	.673	.587
MAX RADIUS	:	1.860	1.261	1.147
HORIZONTAL SPREAD	:	2.809	1.928	1.740
VERTICAL SPREAD	:	1.884	1.751	1.609
EXTREME SPREAD	:	2.923	2.207	1.867
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.561

VS= 1.821

GS= 2.562

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.214	1.132	.953
MINIMUM X	:	-1.347	-1.429	-1.019
MAXIMUM Y	:	.684	.557	.546
MINIMUM Y	:	-1.137	-.600	-.611
CENTROID X	:	-.086	-.004	.175
CENTROID Y	:	-.265	-.138	-.127
POA TO CENTROID in.	:	.278	.138	.216
MIN RADIUS	:	.250	.185	.098
MEAN RADIUS	:	.815	.736	.624
MAX RADIUS	:	1.359	1.432	1.084
HORIZONTAL SPREAD	:	2.561	2.561	1.972
VERTICAL SPREAD	:	1.821	1.157	1.157
EXTREME SPREAD	:	2.562	2.562	2.010
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6498841

DATE 8/22/90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.30	2.29	2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.11	2.22	2.27	
PULL #3	2.18	2.22	2.23	2.23	
PULL #4	2.34	2.19	2.26	2.33	
PULL #5	2.25	2.22	2.27	2.40	
TOTAL	11.62	11.04	11.27	11.52	
AVG.	2.324	2.208	2.254	2.304	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.34		
PULL #2	3.25	3.34		
PULL #3	3.34	3.28		
PULL #4	3.28	3.21		
PULL #5	3.28	3.29		
TOTAL	16.49	16.46		
AVG.	3.298	3.292		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.34		4.41
PULL #2	4.31	4.35		4.35
PULL #3	4.28	4.35		4.30
PULL #4	4.37	4.28		4.44
PULL #5	4.29	4.30		4.43
TOTAL	21.70	21.62		21.93
AVG.	4.34	4.324		4.386

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498841

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17	90	RW
600	Proof	5 17	90	RW
607	Check Headspace	5 17	90	RW
610	Dis-assemble Gun	5 17	90	RW
612	Magnaflux Barrel Action		5/22/90	KCR
	Magnaflux Bolt		5/22/90	KCR
615	Rollmark Caliber		5/22/90	G.S.
617	Drill and Tap Sight Holes		5/23/90	FB
618	Polish Barrel RB		5/24/90	W.B.
620	Apply Coatings (Barrel Action)		6/4/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/12/90	RW
	C) Inspect Ejector Hole for Chamfer		6/12/90	RW
	D) Oil Firing Pin Ass'y		6/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/22/90	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			7/25/90	JY.
	G) Safety Off Force	3	3	3			7/25/90	JY.
	H) Trigger Pull Test & Retainability						8/22/90	JY
	I) Firing Pin Indent	.0225	.0225	.0225			7/25/90	JY.
	J) Assemble Stock						7/25/90	RW
	K) Assemble Swivel Studs						8/29/90	JY
	L) Attach Front and Rear Sight Assemblies						7/25/90	RW
	M) Iron Sight Alignment						7/25/90	RW
	N) Detach Front & Rear Sights & place in numbered container						7/25/90	RW
	O) Attach Scope to Rifle						7/25/90	RW
	P) Detach & Attach Scope 20 Times						7/25/90	RW
640	Gallery Target & Test						7-31-90	AC
	A) Time						7-31-90	AC
	B) Malfunctions						7-31-90	AC
	C) Pierced Primers						7-31-90	AC
	D) Optical Clarity of Scope						7-31-90	AC
645	Inspect for Live Ammo						7-31-90	AC
655	Final Inspection							
	A) Headspace						8/29/90	JY
	B) Trigger Pull	2.24	2.27	2.23	2.33	2.40	8/29/90	JY
	C) Function						8/29/90	JY
660	Pack						9/20/90	NF