

C6522337

MODEL 700™ N24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

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

MODEL 700™ H24

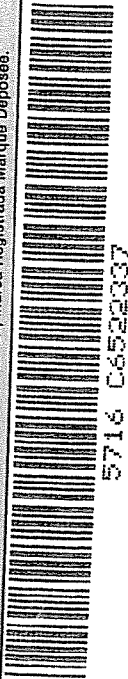
MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

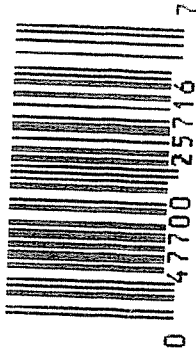
SERIAL NO.
 C6522337

ORDER NO.
5716

01



UPC



CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522337
13 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	1.05943
1 TO	2	.293411
1 TO	3	.221461
1 TO	4	.907827
1 TO	5	1.47153

5
+ 4 <----POA
3
2

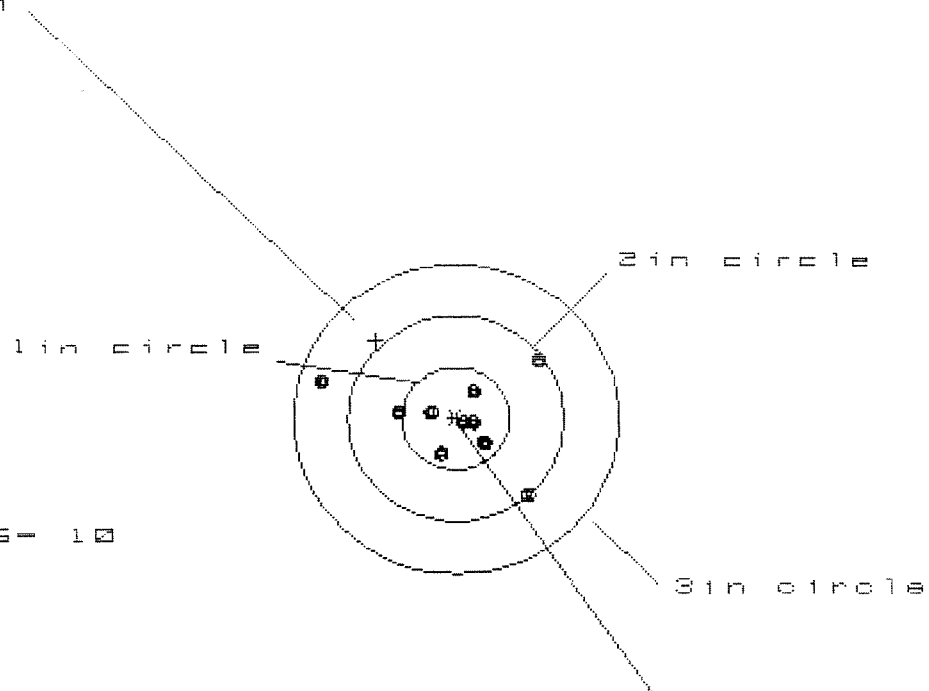
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .7906
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3072
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .848186
THE AMR FOR THIS RIFLE IS: .6428

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522337

CENTERFIRE PATTERNS # 1

POR



OF SHOTS- 10

IN CIR

1in = 6

2in = 8

3in = 10

HS= 1.263

VS= 1.339

GS= 2.255

CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.719	.581	.653
MINIMUM X	:	-1.244	-.640	-.568
MAXIMUM Y	:	.569	.609	.518
MINIMUM Y	:	-.770	-.730	-.427
CENTROID X	:	.735	.873	.801
CENTROID Y	:	-.763	-.803	-.712
POR TO CENTROID in.	:	1.059	1.186	1.072
MIN RADIUS	:	.109	.034	.059
MEAN RADIUS	:	.530	.428	.359
MAX RADIUS	:	1.294	.927	.833
HORIZONTAL SPREAD	:	1.963	1.221	1.221
VERTICAL SPREAD	:	1.339	1.339	.945
EXTREME SPREAD	:	2.255	1.498	1.304
NUMBER IN ONE INCH CIRCLE =	:	6		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	10		

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CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 6

2in = 10

3in = 10

HS= .742

VS= 1.524

GS= 1.559

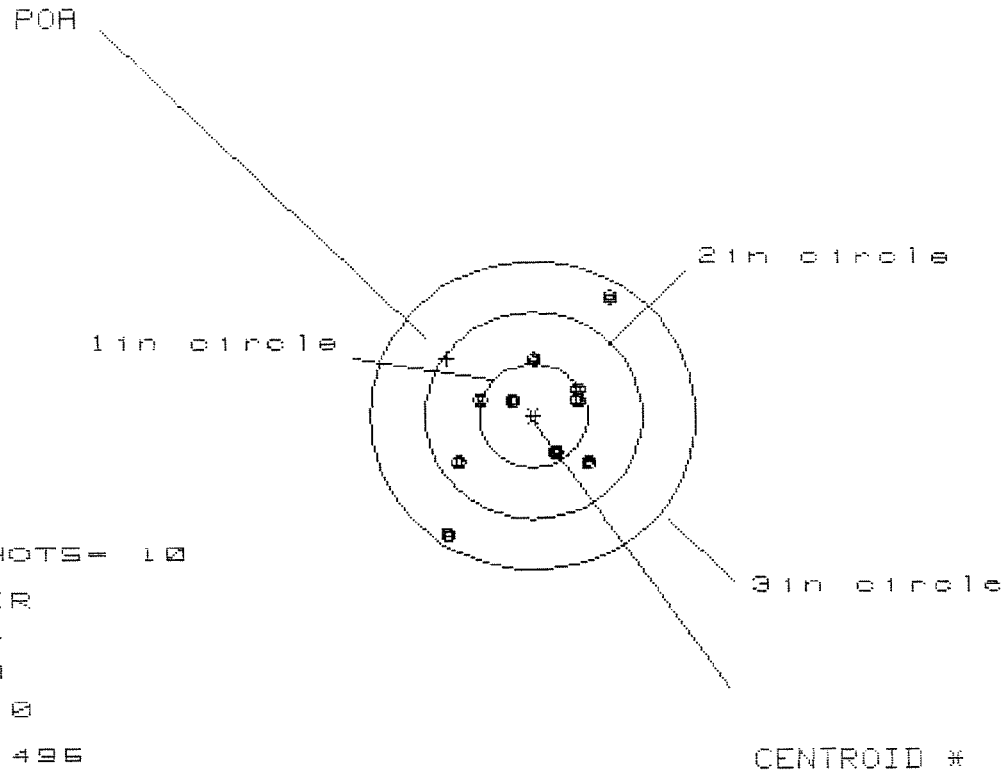
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.353	.343	.293
MINIMUM X	:	-.389	-.399	-.319
MAXIMUM Y	:	.600	.498	.402
MINIMUM Y	:	-.924	-.764	-.558
CENTROID X	:	.674	.684	.734
CENTROID Y	:	-1.050	-.948	-.852
POA TO CENTROID in.	:	1.248	1.169	1.125
MIN RADIUS	:	.256	.197	.163
MEAN RADIUS	:	.507	.438	.361
MAX RADIUS	:	.928	.862	.640
HORIZONTAL SPREAD	:	.742	.742	.612
VERTICAL SPREAD	:	1.524	1.262	.960
EXTREME SPREAD	:	1.559	1.435	1.106
NUMBER IN ONE INCH CIRCLE =			6	
NUMBER IN TWO INCH CIRCLE =			10	
NUMBER IN THREE INCH CIRCLE =			10	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.495

VS= 2.317

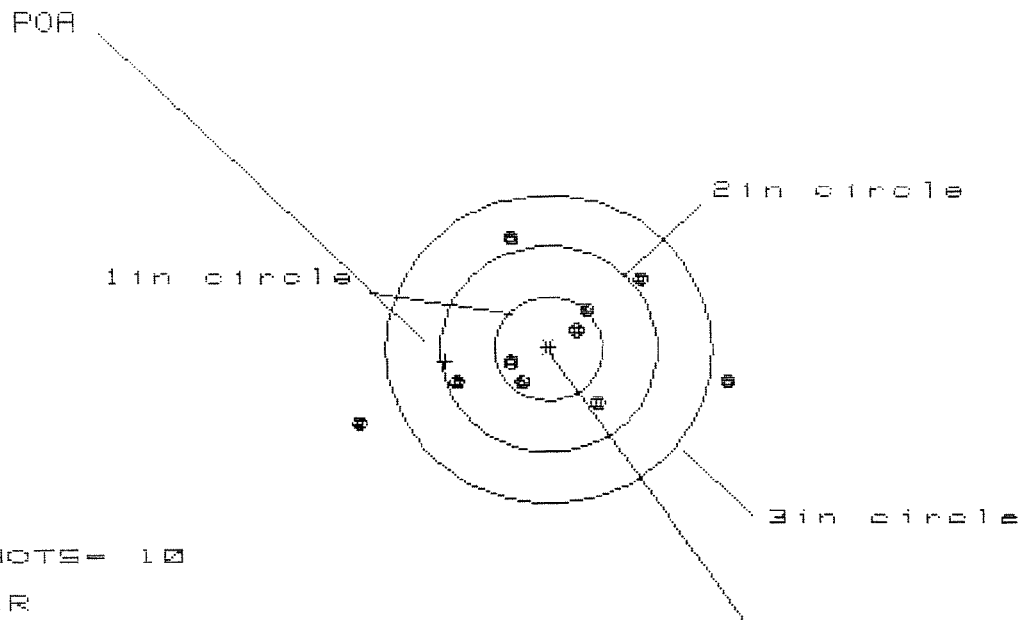
GS= 2.758

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.731	.646	.504
MINIMUM X	:	-.765	-.826	-.745
MAXIMUM Y	:	1.132	1.001	.551
MINIMUM Y	:	-1.185	-.624	-.499
CENTROID X	:	.792	.877	.796
CENTROID Y	:	-.549	-.418	-.543
POA TO CENTROID in.	:	.964	.971	.964
MIN RADIUS	:	.261	.299	.261
MEAN RADIUS	:	.692	.594	.519
MAX RADIUS	:	1.410	1.191	.897
HORIZONTAL SPREAD	:	1.496	1.472	1.249
VERTICAL SPREAD	:	2.317	1.625	1.050
EXTREME SPREAD	:	2.758	2.193	1.368
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.414

VS= 1.742

GS= 3.428

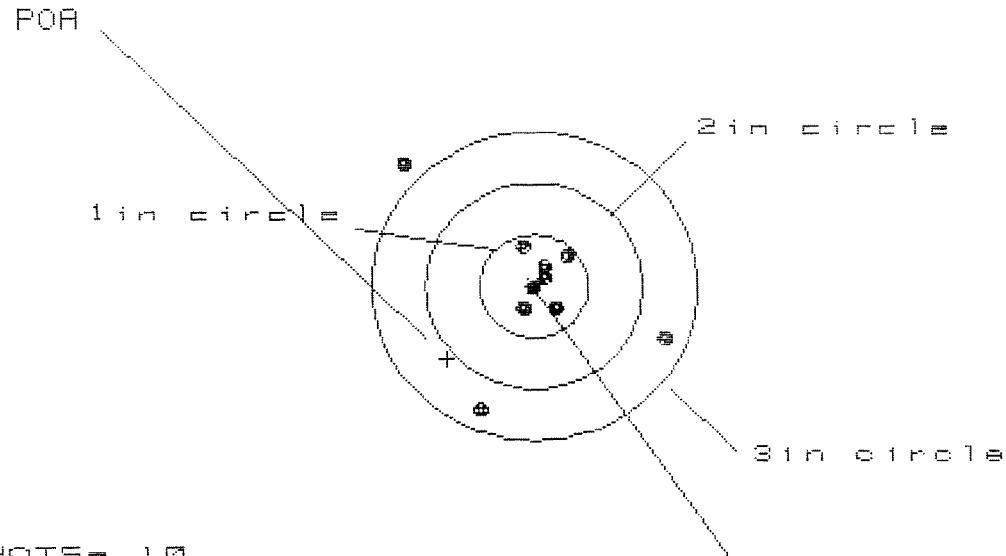
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.696	1.505	.828
MINIMUM X	:	-1.718	-1.047	-.858
MAXIMUM Y	:	1.068	.993	.939
MINIMUM Y	:	-.674	-.590	-.644
CENTROID X	:	.950	1.141	.952
CENTROID Y	:	.119	.194	.248
POA TO CENTROID in.	:	.957	1.157	.984
MIN RADIUS	:	.248	.063	.205
MEAN RADIUS	:	.894	.772	.668
MAX RADIUS	:	1.845	1.567	1.012
HORIZONTAL SPREAD	:	3.414	2.552	1.686
VERTICAL SPREAD	:	1.742	1.583	1.583
EXTREME SPREAD	:	3.428	2.552	1.983
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 7

2 in = 7

3 in = 9

HS= 2.406

VS= 2.387

GS= 2.849

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.231	1.101	.300
MINIMUM X	:	-1.175	-.636	-.498
MAXIMUM Y	:	1.228	.513	.471
MINIMUM Y	:	-1.159	-1.023	-1.065
CENTROID X	:	.802	.932	.794
CENTROID Y	:	.707	.571	.613
POA TO CENTROID in.	:	1.069	1.093	1.004
MIN RADIUS	:	.052	.124	.042
MEAN RADIUS	:	.591	.488	.375
MAX RADIUS	:	1.699	1.204	1.176
HORIZONTAL SPREAD	:	2.406	1.737	.798
VERTICAL SPREAD	:	2.387	1.536	1.536
EXTREME SPREAD	:	2.949	1.866	1.649
NUMBER IN ONE INCH CIRCLE	=		7	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER 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 C6522337

DATE 9-7-90

TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.20	2.44	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.17	2.42	2.34	
PULL #3	2.22	2.37	2.40	2.37	
PULL #4	2.20	2.36	2.41	2.51	
PULL #5	2.19	2.39	2.48	2.25	
TOTAL	11.57	11.49	12.15	11.84	
AVG.	2.314	2.298	2.43	2.368	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.38		
PULL #2	3.35	3.37		
PULL #3	3.23	3.35		
PULL #4	3.33	3.34		
PULL #5	3.35	3.20		
TOTAL	16.53	16.64		
AVG.	3.306	3.328		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.36		4.39
PULL #2	4.13	4.36		4.39
PULL #3	4.29	4.33		4.46
PULL #4	4.32	4.31		4.39
PULL #5	4.43	4.20		4.43
TOTAL	21.37	21.56		22.06
AVG.	4.274	4.312		4.412

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # 06522337

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 29	90	RW
600	Proof	6 29	90	RW
607	Check Headspace	6 29	90	RW
610	Dis-assemble Gun	6 29	90	RW
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	KR
615	Rollmark Caliber		7-12-90	ES.
617	Drill and Tap Sight Holes		7/13/90	FB
618	Polish Barrel AB		7/16/90	WB
620	Apply Coatings (Barrel Action)		7-17-90	JH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-7-90	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/2/90	JL
	G) Safety Off Force	3	3	3			8/2/90	JL
	H) Trigger Pull Test & Retainability						9-7-90	JL
	I) Firing Pin Indent	.022	.0225	.0225			8/2/90	JL
	J) Assemble Stock						8/9/90	RW
	K) Assemble Swivel Studs						9/8/90	JS
	L) Attach Front and Rear Sight Assemblies						8/9/90	RW
	M) Iron Sight Alignment						8/9/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/9/90	RW
	O) Attach Scope to Rifle						8/9/90	RW
	P) Detach & Attach Scope 20 Times						8/9/90	RW
640	Gallery Target & Test						8-13-90	KJ
	A) Time						8-13-90	KJ
	B) Malfunctions						8-13-90	KJ
	C) Pierced Primers						8-13-90	KJ
	D) Optical Clarity of Scope						8-13-90	KJ
645	Inspect for Live Ammo						8-13-90	KJ
655	Final Inspection							
	A) Headspace						9/8/90	JS
	B) Trigger Pull	2.37	2.34	2.37	2.51	2.25	9-7-90	JL
	C) Function						9/8/90	JS
660	Pack						9-19-90	DA