

06522327

MODEL 760™ M24

Model S&S™

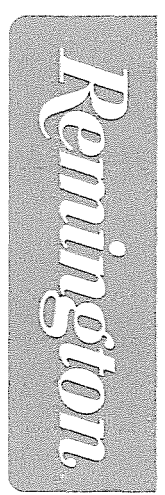
Action _____

Barrel Length _____

Capacity _____

Order No. 5715

* Includes 1 in chamber.



Remington [®]		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 [™] H24		SERIAL NO. C6522322	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	ORDER NO. 5716
 5716 C6522322			

UPC



0 47700 25716 7

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522322
17 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.485177
1 TO	2	.444713
1 TO	3	.3245
1 TO	4	.556619
1 TO	5	.385892

~~0~~ 1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .115
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1172
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .164198
THE AMR FOR THIS RIFLE IS: .9746

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522322.1

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 8

HS = 3.127

VS = 2.974

GS = 4.060

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.931	1.907	.911
MINIMUM X	:	-1.196	-.981	-.743
MAXIMUM Y	:	1.850	1.439	1.324
MINIMUM Y	:	-1.124	-.918	-.869
CENTROID X	:	.191	-.024	-.262
CENTROID Y	:	-.446	-.652	-.537
POA TO CENTROID in.	:	.485	.652	.598
MIN RADIUS	:	.478	.423	.590
MEAN RADIUS	:	1.290	1.073	.930
MAX RADIUS	:	2.675	2.117	1.547
HORIZONTAL SPREAD	:	3.127	2.888	1.654
VERTICAL SPREAD	:	2.974	2.357	2.193
EXTREME SPREAD	:	4.060	3.141	2.574
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	8		

17 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CG522322.1

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.054

VS = 3.438

GS = 3.571

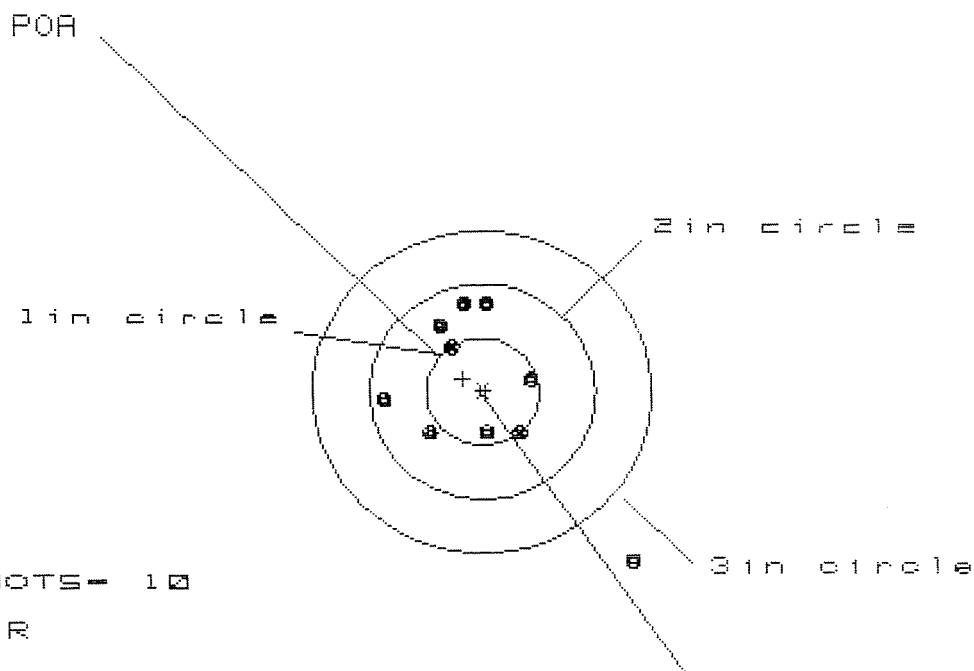
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.126	1.140	1.037
MINIMUM X	:	-.928	-.914	-1.017
MAXIMUM Y	:	1.976	1.375	1.219
MINIMUM Y	:	-1.462	-1.242	-1.110
CENTROID X	:	.152	.138	.241
CENTROID Y	:	-.003	-.223	-.067
POA TO CENTROID in.	:	.152	.262	.250
MIN RADIUS	:	.471	.329	.446
MEAN RADIUS	:	1.055	.928	.851
MAX RADIUS	:	1.980	1.491	1.222
HORIZONTAL SPREAD	:	2.054	2.054	2.054
VERTICAL SPREAD	:	3.438	2.617	2.329
EXTREME SPREAD	:	3.571	2.751	2.330
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522322.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 9

3in = 9

HS= 2.131

VS= 2.448

GS= 2.828

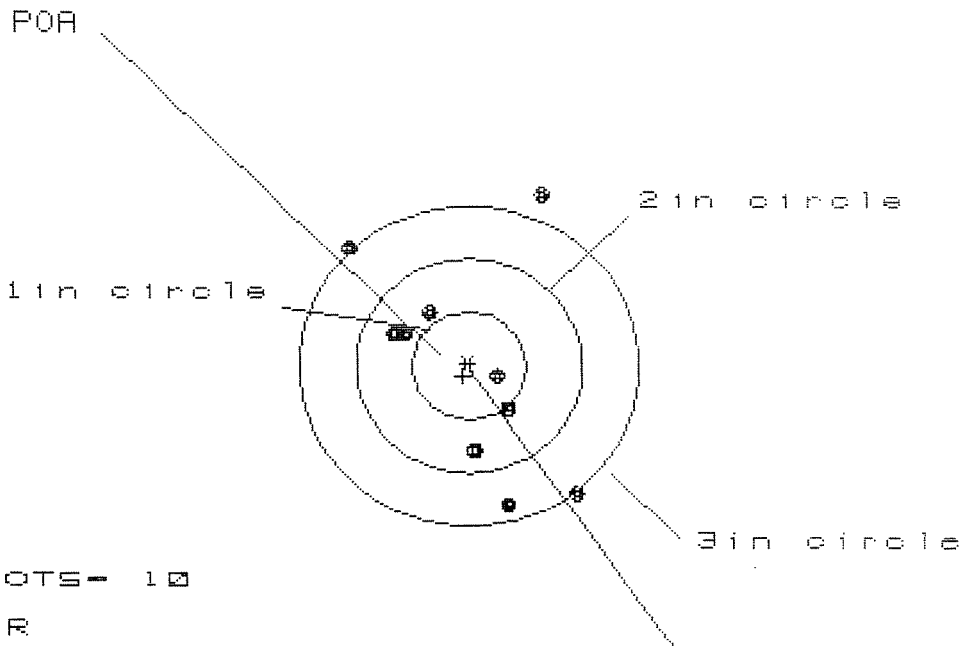
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.288	.603	.516
MINIMUM X	:	-.843	-.700	-.436
MAXIMUM Y	:	.836	.657	.621
MINIMUM Y	:	-1.612	-.605	-.641
CENTROID X	:	.173	.030	.117
CENTROID Y	:	-.122	.057	.093
POA TO CENTROID in.	:	.212	.064	.150
MIN RADIUS	:	.350	.268	.279
MEAN RADIUS	:	.776	.601	.573
MAX RADIUS	:	2.063	.757	.775
HORIZONTAL SPREAD	:	2.131	1.303	.952
VERTICAL SPREAD	:	2.448	1.262	1.262
EXTREME SPREAD	:	2.828	1.368	1.368
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522322.1

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 1.950

VS= 2.835

GS= 3.051

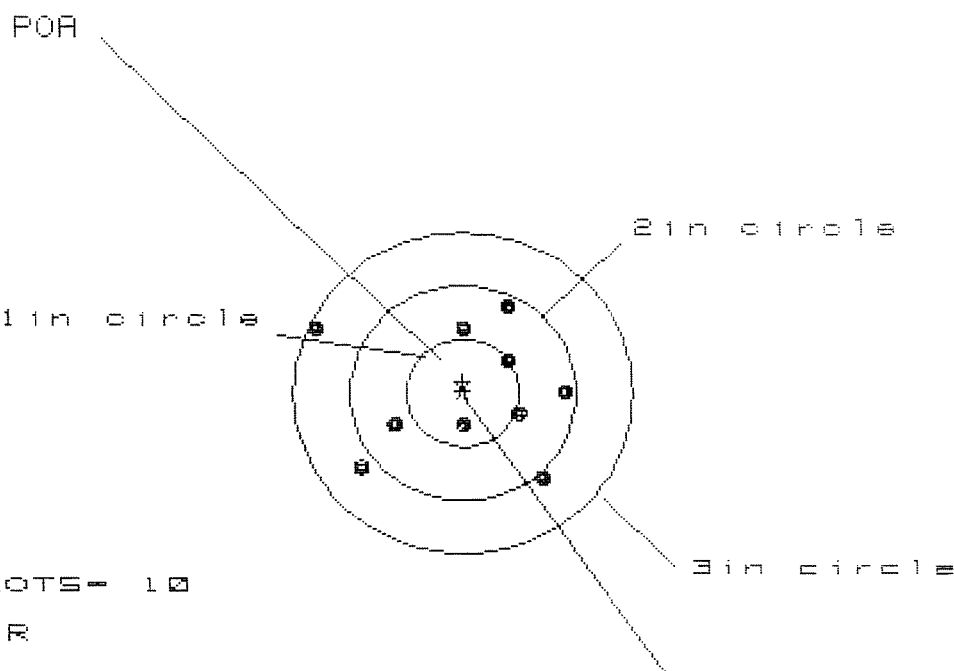
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.938	1.010	.583
MINIMUM X	:	-1.012	-.940	-.813
MAXIMUM Y	:	1.574	1.287	1.154
MINIMUM Y	:	-1.261	-1.086	-1.219
CENTROID X	:	.056	-.016	-.143
CENTROID Y	:	.094	-.081	.052
POA TO CENTROID in.	:	.110	.082	.152
MIN RADIUS	:	.264	.307	.438
MEAN RADIUS	:	.969	.875	.792
MAX RADIUS	:	1.704	1.593	1.412
HORIZONTAL SPREAD	:	1.950	1.950	1.396
VERTICAL SPREAD	:	2.835	2.373	2.373
EXTREME SPREAD	:	3.051	3.051	2.752
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522322.1

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.143

VS= 1.596

GS= 2.414

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.850	.706	.575
MINIMUM X	:	-1.293	-1.050	-.837
MAXIMUM Y	:	.766	.833	.752
MINIMUM Y	:	-.830	-.763	-.844
CENTROID X	:	.003	.147	.278
CENTROID Y	:	-.109	-.176	-.095
POA TO CENTROID in.	:	.109	.229	.294
MIN RADIUS	:	.254	.253	.293
MEAN RADIUS	:	.783	.688	.597
MAX RADIUS	:	1.429	1.234	.922
HORIZONTAL SPREAD	:	2.143	1.756	1.412
VERTICAL SPREAD	:	1.596	1.596	1.596
EXTREME SPREAD	:	2.414	1.972	1.616
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522322
31 Aug 1990

CENTROIDAL DISTANCES

Ø TO	1	.608412
1 TO	2	.972371
1 TO	3	1.69109
1 TO	4	.744009
1 TO	5	.746545

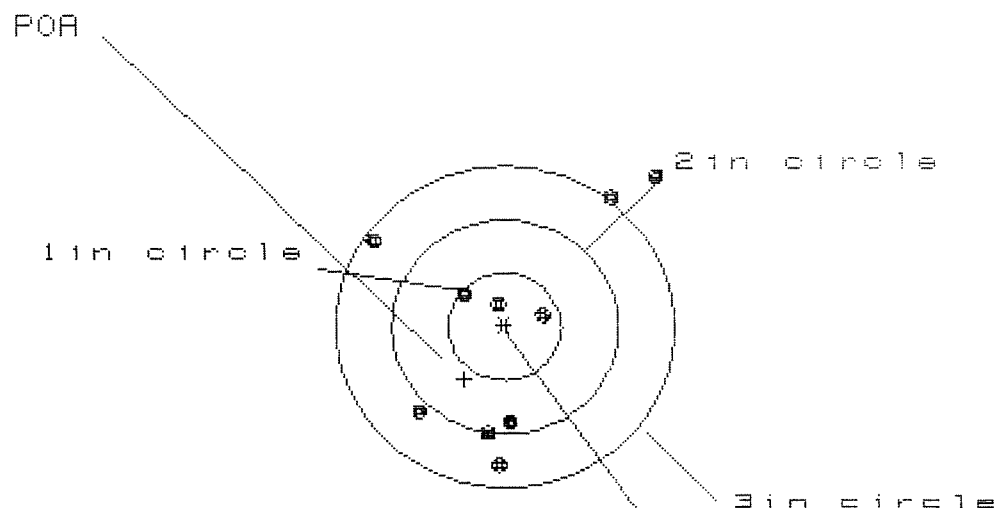
1 4
+ 5 <-----POA
2 3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .9976
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .163
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.01083
THE AMR FOR THIS RIFLE IS: .8554

31 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522322

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 8

HS= 2.496

VS= 2.729

GS= 3.069

CENTROID *

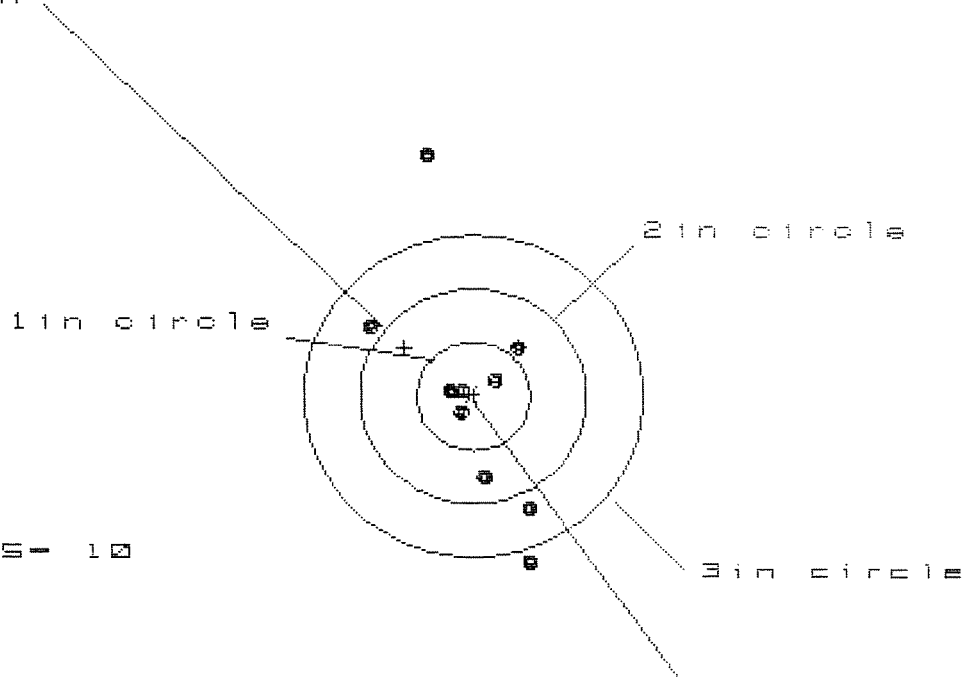
PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.340	1.090	.581
MINIMUM X	:	-1.156	-1.007	-.871
MAXIMUM Y	:	1.392	1.324	1.130
MINIMUM Y	:	-1.337	-1.182	-1.017
CENTROID X	:	.362	.213	.077
CENTROID Y	:	.489	.334	.169
POA TO CENTROID in.	:	.608	.397	.186
MIN RADIUS	:	.279	.416	.594
MEAN RADIUS	:	1.021	.908	.799
MAX RADIUS	:	1.932	1.715	1.427
HORIZONTAL SPREAD	:	2.496	2.097	1.452
VERTICAL SPREAD	:	2.729	2.506	2.147
EXTREME SPREAD	:	3.069	2.700	2.408
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

31 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522322

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 8

HS= 1.387

VS= 3.789

GS= 3.896

CENTROID #

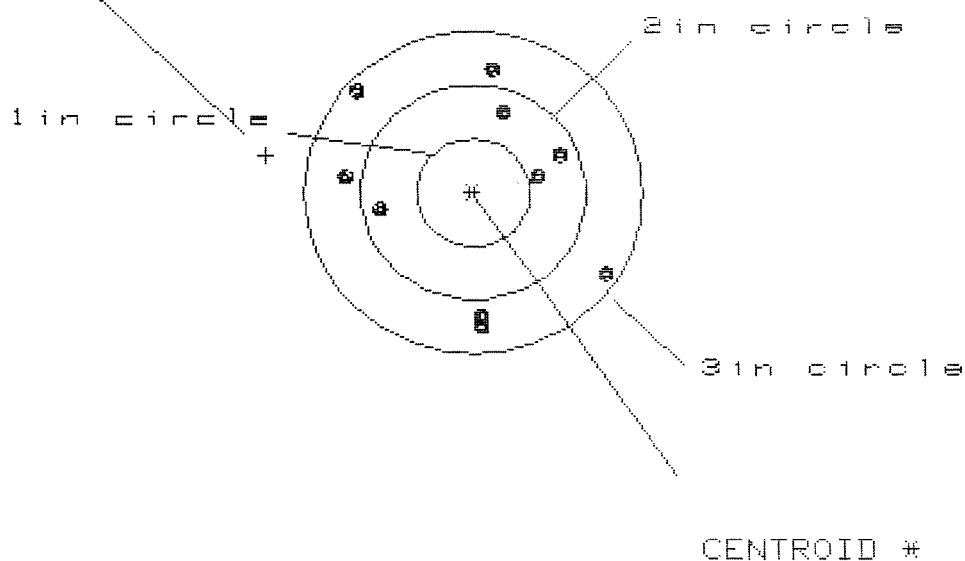
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.503	.456	.510
MINIMUM X	:	-.884	-.931	-.877
MAXIMUM Y	:	2.225	.851	.686
MINIMUM Y	:	-1.564	-1.317	-.993
CENTROID X	:	.607	.654	.600
CENTROID Y	:	-.452	-.699	-.534
POA TO CENTROID in.	:	.756	.957	.804
MIN RADIUS	:	.092	.167	.067
MEAN RADIUS	:	.817	.683	.536
MAX RADIUS	:	2.265	1.386	1.116
HORIZONTAL SPREAD	:	1.387	1.387	1.387
VERTICAL SPREAD	:	3.789	2.168	1.679
EXTREME SPREAD	:	3.896	2.561	2.178
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

31 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522322

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS= 2.313

VS= 2.339

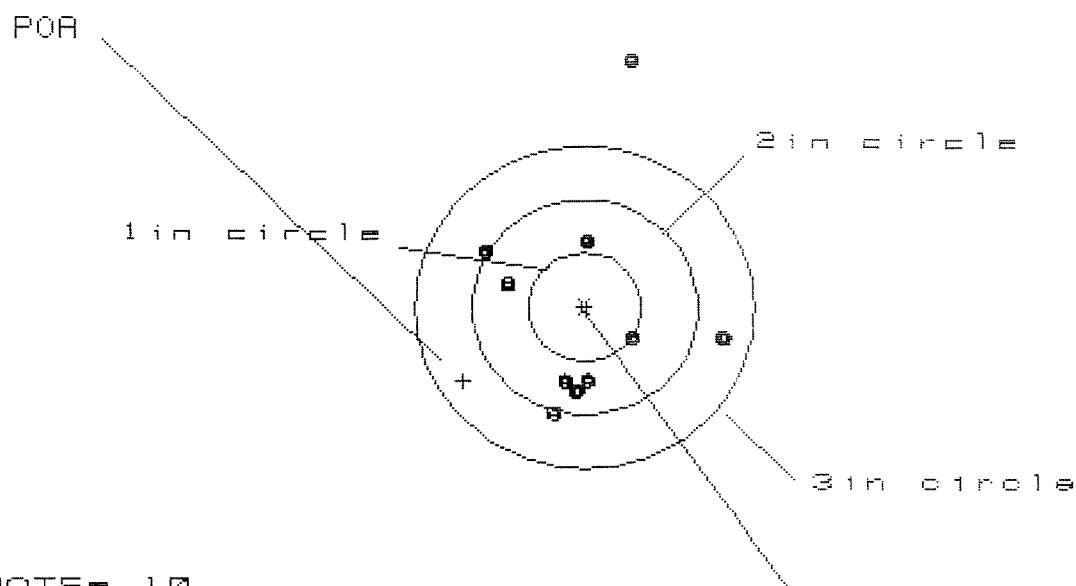
GS= 2.721

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.156	.877	.768
MINIMUM X	:	-1.157	-1.029	-1.137
MAXIMUM Y	:	1.130	1.047	1.152
MINIMUM Y	:	-1.209	-1.292	-1.187
CENTROID X	:	1.832	1.704	1.813
CENTROID Y	:	-.347	-.264	-.369
POA TO CENTROID in.	:	1.865	1.724	1.850
MIN RADIUS	:	.552	.672	.576
MEAN RADIUS	:	1.037	.993	.957
MAX RADIUS	:	1.375	1.310	1.192
HORIZONTAL SPREAD	:	2.313	1.906	1.906
VERTICAL SPREAD	:	2.339	2.339	2.339
EXTREME SPREAD	:	2.721	2.388	2.339
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Aug 1990

FILE: \PATTERNING\CENTERFIRE_PATT\08522322

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 8

3 in = 9

HS = 2.101

VS = 3.292

GS = 3.363

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.220	1.267	.646
MINIMUM X	:	-.881	-.834	-.676
MAXIMUM Y	:	2.349	.894	.889
MINIMUM Y	:	-.944	-.683	-.688
CENTROID X	:	1.080	1.033	.875
CENTROID Y	:	.684	.424	.429
POA TO CENTROID in.	:	1.279	1.117	.974
MIN RADIUS	:	.521	.414	.396
MEAN RADIUS	:	.965	.736	.665
MAX RADIUS	:	2.387	1.268	.990
HORIZONTAL SPREAD	:	2.101	2.101	1.322
VERTICAL SPREAD	:	3.292	1.577	1.577
EXTREME SPREAD	:	3.363	2.239	1.603
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

31 Aug 1998

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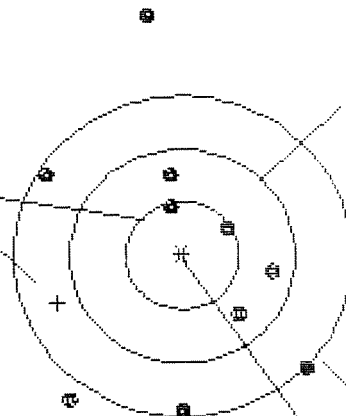
CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle



CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.281

VS= 3.761

GS= 3.771

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	1.077	.946
MINIMUM X	:	-1.172	-1.204	-1.335
MAXIMUM Y	:	2.271	1.017	.882
MINIMUM Y	:	-1.490	-1.238	-1.373
CENTROID X	:	1.107	1.139	1.270
CENTROID Y	:	.441	.189	.324
POA TO CENTROID in.	:	1.191	1.154	1.311
MIN RADIUS	:	.437	.538	.481
MEAN RADIUS	:	1.154	1.030	.925
MAX RADIUS	:	2.289	1.558	1.584
HORIZONTAL SPREAD	:	2.281	2.281	2.281
VERTICAL SPREAD	:	3.761	2.255	2.255
EXTREME SPREAD	:	3.771	2.864	2.864
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6522322

DATE 8/29/90

TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.56	2.50	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.49	2.46	2.11	
PULL #3	2.49	2.49	2.48	2.30	
PULL #4	2.36	2.39	2.42	2.20	
PULL #5	2.45	2.49	2.40	2.29	
TOTAL	12.02	12.42	12.26	11.18	
AVG.	2.404	2.484	2.452	2.236	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.52		
PULL #2	3.30	3.43		
PULL #3	3.36	3.54		
PULL #4	3.27	3.34		
PULL #5	3.39	3.40		
TOTAL	16.80	17.23		
AVG.	3.36	3.446		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.15		4.19
PULL #2	4.13	4.21		4.15
PULL #3	4.46	4.29		4.08
PULL #4	4.14	4.27		4.10
PULL #5	4.21	4.12		4.13
TOTAL	21.37	21.04		20.65
AVG.	4.274	4.208		4.13

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522322

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	7 12 90	RW
600	Proof		7 12 90	RW
607	Check Headspace		7 12 90	RW
610	Dis-assemble Gun		7 12 90	RW
612	Magnaflux Barrel Action		7-17-90	KR
	Magnaflux Bolt		7-17-90	KR
615	Rollmark Caliber		7/17/90	LL
617	Drill and Tap Sight Holes		7/23/90	LB
618	Polish Barrel RB		7/24/90	WB
620	Apply Coatings (Barrel Action)		7/26/90	JA
	Apply Coating (Bolt)			
625	Final Assembly		8/8/90	RW
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		8/29/90	LL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/29/90	WB
	G) Safety Off Force	2	2	2			8/29/90	WB
	H) Trigger Pull Test & Retainability						8/29/90	SL
	I) Firing Pin Indent	.022 .0235	.022 .0235	.0225 .0235			8/29/90	WB
	J) Assemble Stock						8/30/90	RW
	K) Assemble Swivel Studs						9/5/90	JS
	L) Attach Front and Rear Sight Assemblies						8/30/90	RW
	M) Iron Sight Alignment						8/30/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/30/90	RW
	O) Attach Scope to Rifle						8/30/90	RW
	P) Detach & Attach Scope 20 Times						8/30/90	RW
640	Gallery Target & Test						8-31-90	DH
	A) Time						8-31-90	DH
	B) Malfunctions						8-31-90	DH
	C) Pierced Primers						8-31-90	DH
	D) Optical Clarity of Scope						8-31-90	DH
645	Inspect for Live Ammo						8-31-90	DH
655	Final Inspection							
	A) Headspace						9/5/90	JS
	B) Trigger Pull	2.28	2.11	2.30	2.20	2.29	9-4-90	SL
	C) Function						9/5/90	JS
660	Pack						9-18-90	SL

2.42

2.45

2.33

2.39

2.38