

C6225380

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSP Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00093007** Serial: C6225380 Model: M24 SWS Center Fire
 Verbi Repair: Caliber: 7.62 NATO Produced: 10/26/1988 Repairman: Status: Closed 2/11/2005 7:24:15 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: Address 2: PG-Box: PG-Box:

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Good

Condition Notes: CSP Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

maglet 2/14/2005 9:09 AM CAPS NUM INS SCPL

start 5 2 3 Arms Services

Serial Number: **C6225380**

Model: **M24 SWS**



RE00093007

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225380.__0

FILE DATE AND TIME: 09/02/2005 11:07

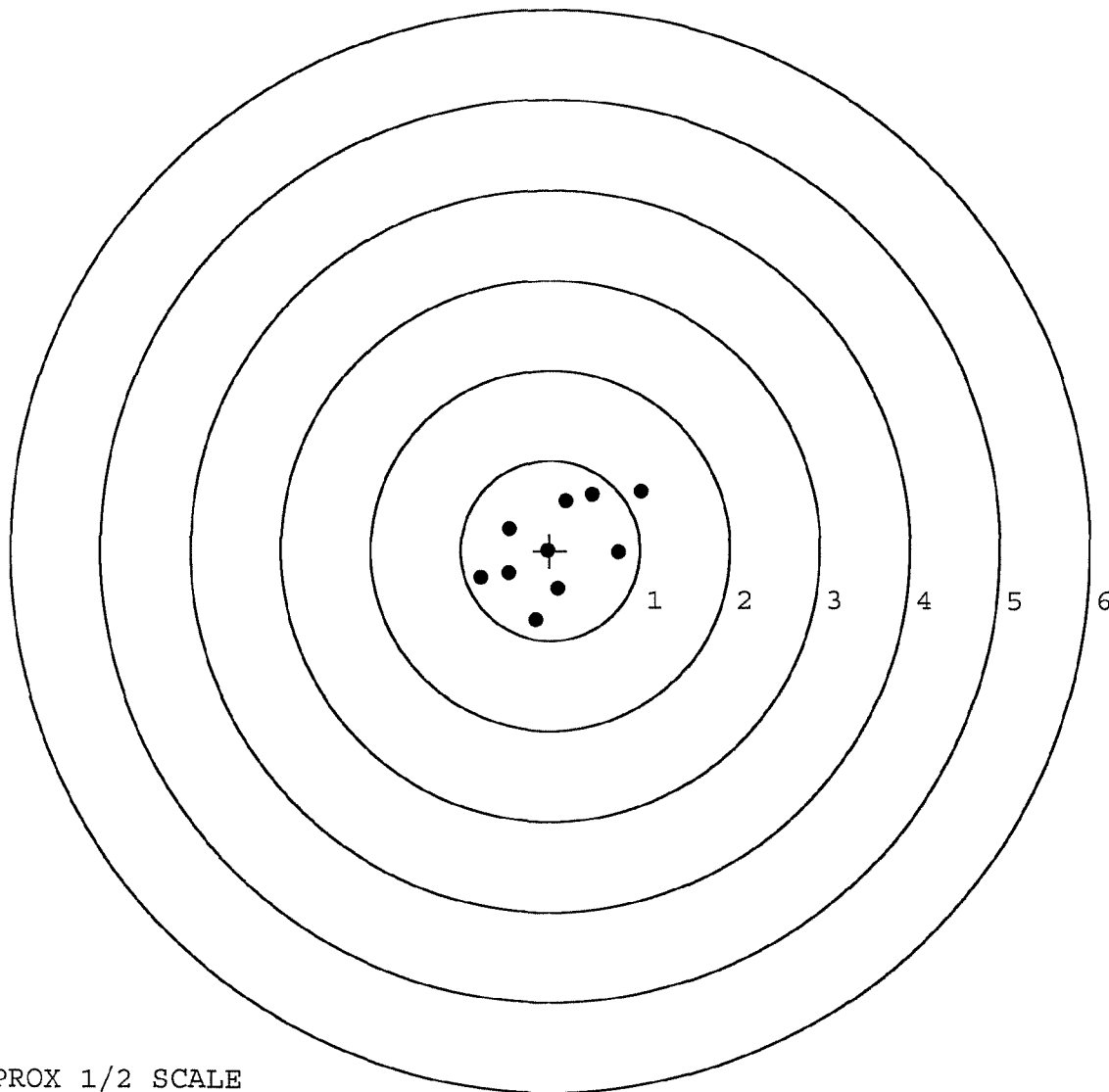
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.061
The Average Y Centroid of the Five Target Set:	0.096
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.867
The Distance from POA to Centroid Target #1:	0.066
The Distance from Centroid Target #2 to Centroid Target #1:	0.286
The Distance from Centroid Target #3 to Centroid Target #1:	0.067
The Distance from Centroid Target #4 to Centroid Target #1:	0.203
The Distance from Centroid Target #5 to Centroid Target #1:	0.043

SERIAL NUMBER: C6225380. __0
TARGET NUMBER: 1
FILE DATE: 09/02/2005
FILE TIME: 11:07

POINT#	X	Y
1:	0.763	-0.026
2:	1.009	0.658
3:	0.465	0.623
4:	0.169	0.551
5:	0.087	-0.425
6:	-0.033	0.000
7:	-0.163	-0.775
8:	-0.464	-0.254
9:	-0.776	-0.311
10:	-0.463	0.240

X CENTROID: 0.059
Y CENTROID: 0.028
POA TO CENTROID: 0.066
HORZ SPREAD: 1.785
VERT SPREAD: 1.433
GROUP SPREAD: 2.031
MIN RADIUS: 0.097
MAX RADIUS: 1.140
MEAN RADIUS: 0.654
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

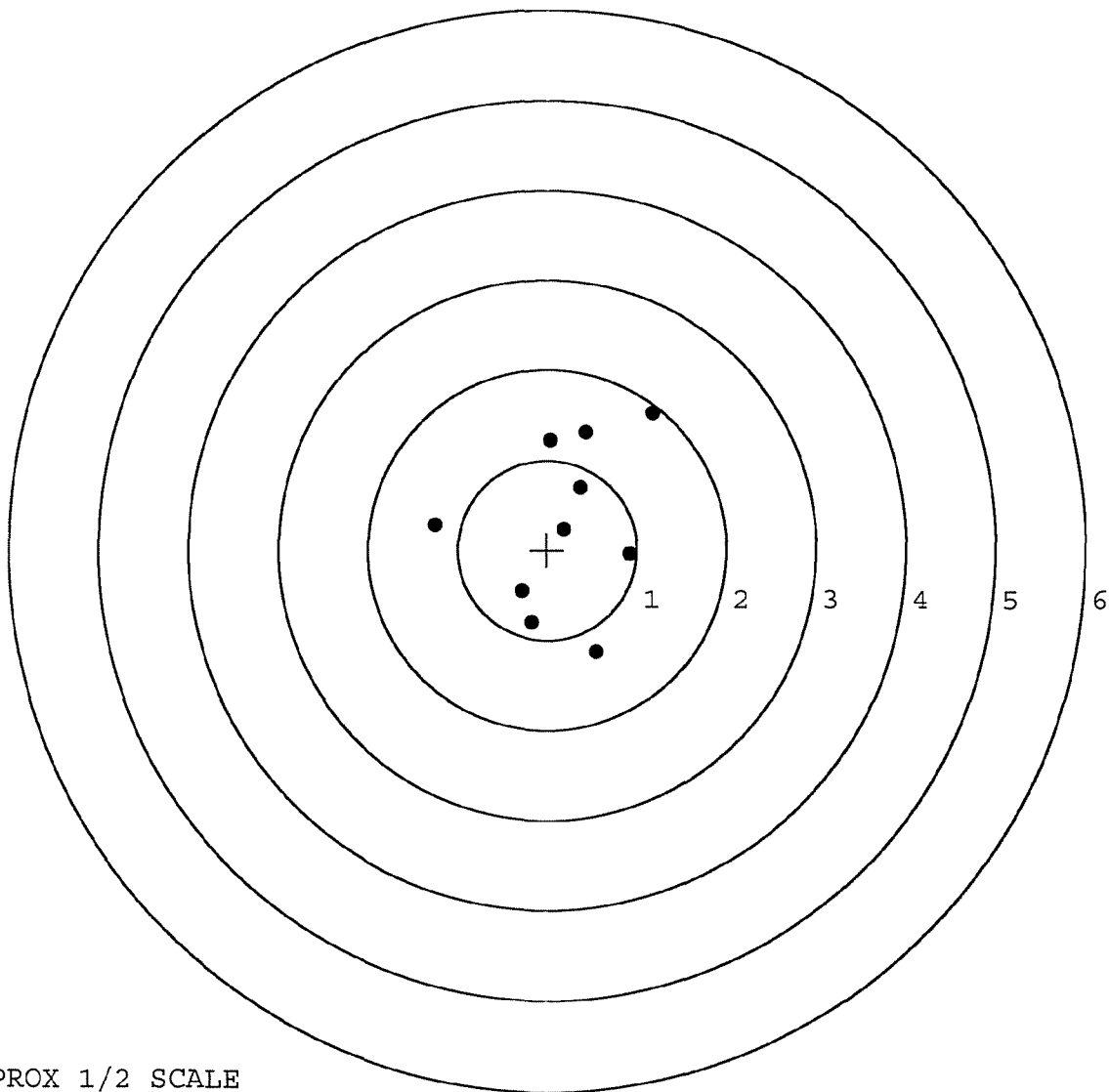


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225380. __0
TARGET NUMBER: 2
FILE DATE: 09/02/2005
FILE TIME: 11:07

POINT#	X	Y
1:	0.553	-1.136
2:	0.925	-0.050
3:	-0.176	-0.812
4:	-0.283	-0.461
5:	0.183	0.230
6:	0.367	0.697
7:	-1.256	0.279
8:	0.036	1.226
9:	0.431	1.311
10:	1.177	1.514

X CENTROID: 0.196
Y CENTROID: 0.280
POA TO CENTROID: 0.341
HORZ SPREAD: 2.433
VERT SPREAD: 2.650
GROUP SPREAD: 2.729
MIN RADIUS: 0.051
MAX RADIUS: 1.577
MEAN RADIUS: 0.984
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225380.____0

TARGET NUMBER: 3

FILE DATE: 09/02/2005

FILE TIME: 11:07

POINT#	X	Y
1:	-0.286	-1.587
2:	1.246	-0.627
3:	0.839	0.315
4:	0.881	1.843
5:	-0.471	-0.067
6:	-0.931	-0.166
7:	-1.457	-0.180
8:	0.251	0.245
9:	-0.008	0.112
10:	0.120	-0.131

X CENTROID: 0.018

Y CENTROID: -0.024

POA TO CENTROID: 0.030

HORZ SPREAD: 2.703

VERT SPREAD: 3.430

GROUP SPREAD: 3.623

MIN RADIUS: 0.139

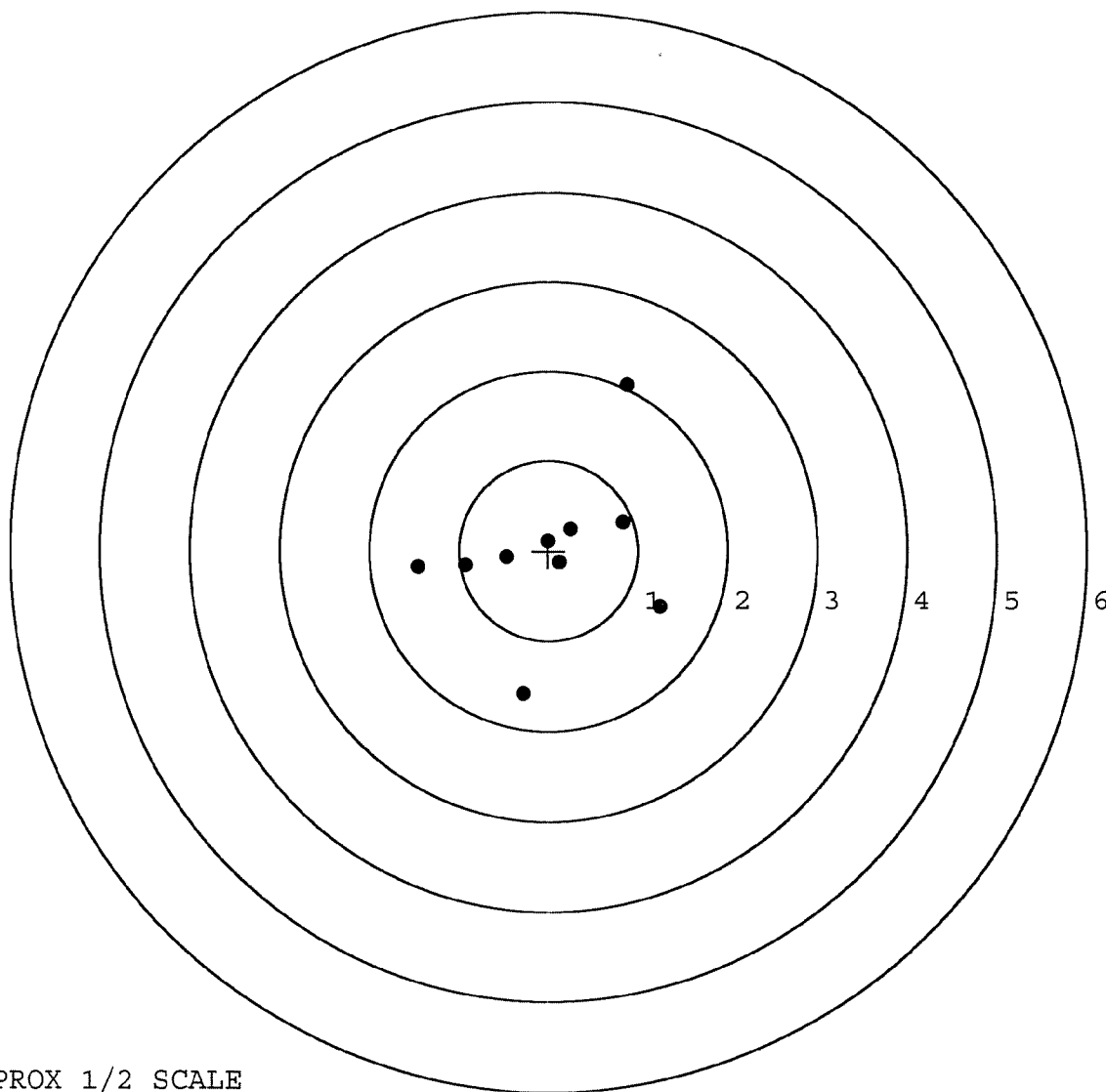
MAX RADIUS: 2.057

MEAN RADIUS: 0.948

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225380. __0

TARGET NUMBER: 4

FILE DATE: 09/02/2005

FILE TIME: 11:07

POINT#	X	Y
1:	1.575	-0.490
2:	1.010	-0.298
3:	-0.162	-0.226
4:	-0.373	0.334
5:	-0.641	-0.622
6:	-1.440	-0.380
7:	-1.135	0.968
8:	-0.654	1.164
9:	0.269	0.999
10:	0.876	0.416

X CENTROID: -0.067

Y CENTROID: 0.186

POA TO CENTROID: 0.198

HORZ SPREAD: 3.015

VERT SPREAD: 1.786

GROUP SPREAD: 3.077

MIN RADIUS: 0.339

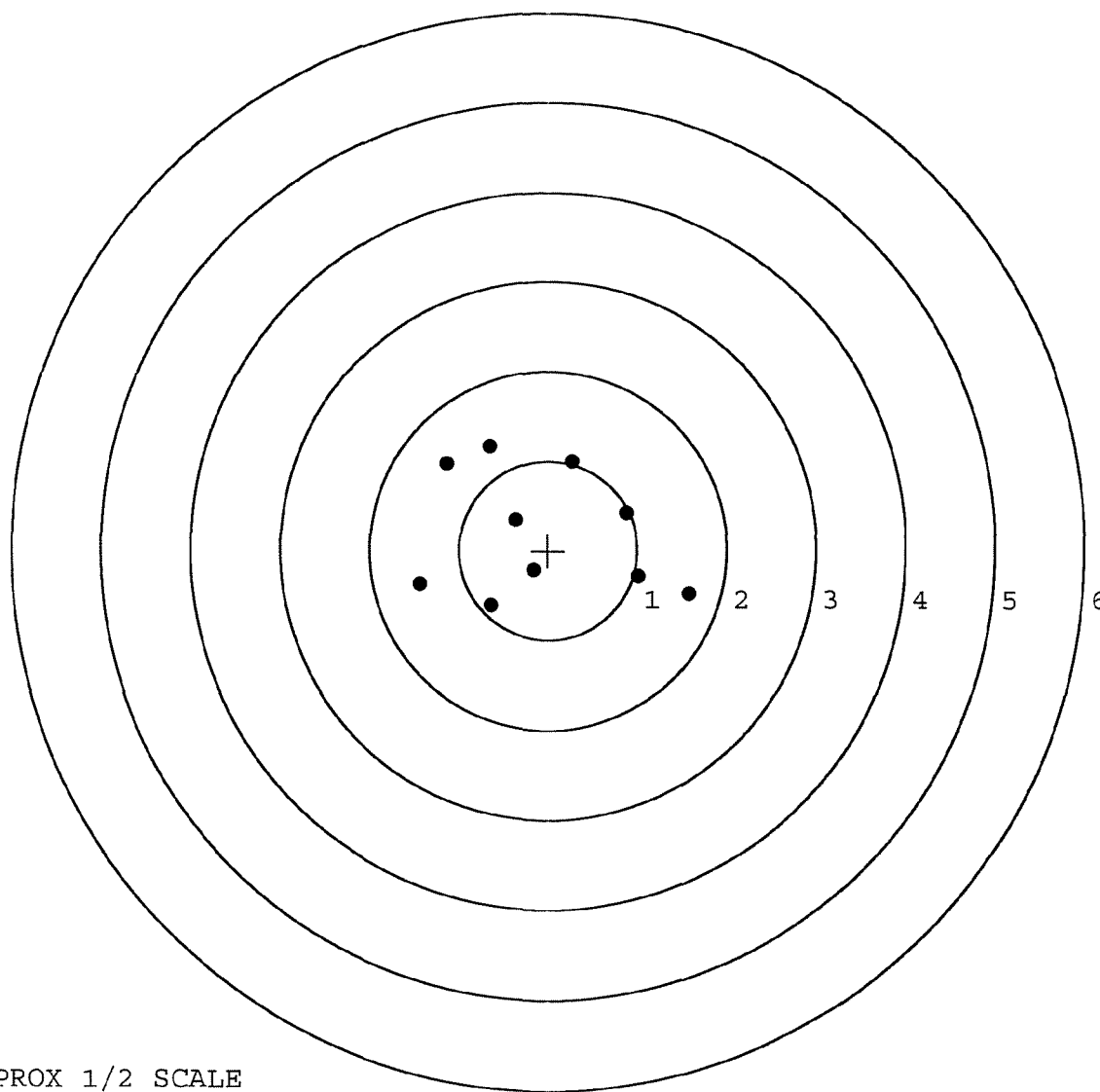
MAX RADIUS: 1.776

MEAN RADIUS: 1.051

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

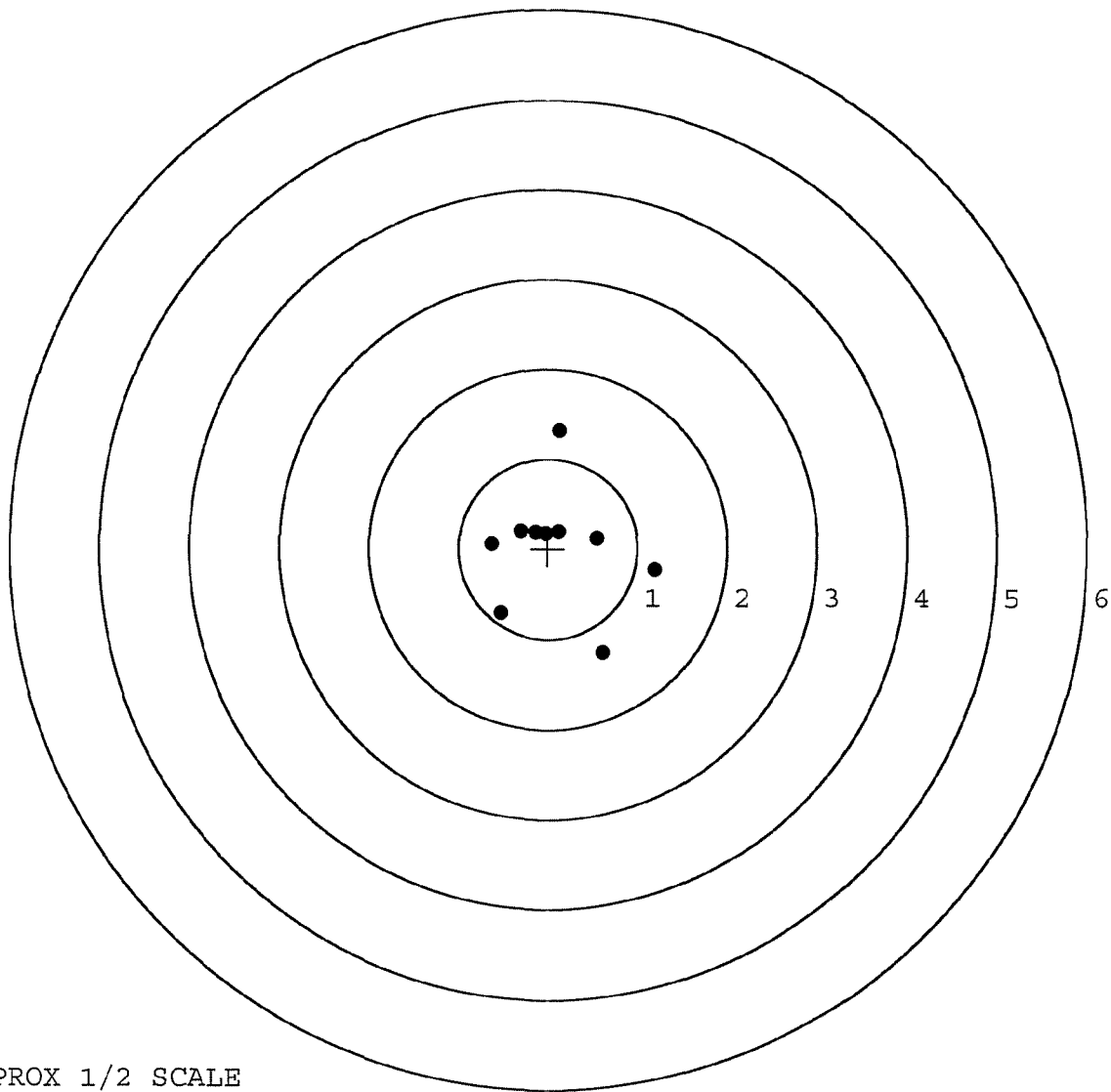


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225380. __0
TARGET NUMBER: 5
FILE DATE: 09/02/2005
FILE TIME: 11:07

POINT#	X	Y
1:	0.613	-1.151
2:	1.193	-0.242
3:	0.553	0.110
4:	-0.531	-0.715
5:	-0.629	0.049
6:	0.133	1.317
7:	0.121	0.191
8:	-0.022	0.172
9:	-0.139	0.184
10:	-0.300	0.199

X CENTROID: 0.099
Y CENTROID: 0.011
POA TO CENTROID: 0.100
HORZ SPREAD: 1.822
VERT SPREAD: 2.468
GROUP SPREAD: 2.514
MIN RADIUS: 0.181
MAX RADIUS: 1.306
MEAN RADIUS: 0.697
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	93007		
SERIAL NUMBER	C6225388		
LOG-IN DATE	2-3-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-17-05	RTJ
560 A	RE-BARREL	8-23-05	RTJ
B	DRILL AND TAP	8-25-05	TRW
575	ASSEMBLE	8-24-05	RTJ
600	PROOF	8-24-05	AC
605	CHECK HEADSPACE	8-24-05	AC
610	DIS-ASSEMBLE GUN	8-25-05	RTJ
612	MAGNAFLUX OPERATOR	8/25/05	unl
615	ROLLMARK CALIBER	8-25-05	CW
618	ROTO-BLAST	8-26-05	LB
620	APPLY COATINGS	8/29/05	TRW
625 A	FINAL ASSEMBLY	9-1-05	RTJ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	9-6-05	AC
D	SAFETY "OFF" FORCE	9-6-05	AC
E	FIRING PIN INDENT	9-6-05	AC
640	TARGET	9-2-05	TRW
655	FINAL INSPECT	9-6-05	AC
660	PACK	9-12-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

55255

5081

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225380

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	1/22	FB
600	PROOF	4/8/88	RW
615	MAGNAFLUX BARREL	2/18/88	P/C.
	MAGNAFLUX BOLT	5/13/88	P/C.
620	COATING	8/14/88	ISA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225380

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/1/88	RLW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/1/88	RLW
	C) Inspect Ejector Hole for Chamfer		9/1/88	RLW
	-OVER-			

OP.#	READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y	9/1/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake	1 Sept 88	J.U. + J.S.
	F) Safety on Force	6 6 6 1 Sept 88	J.U. + J.S.
	G) Safety off Force	375 375 375 1 Sept 88	J.U. + J.S.
	H) Trigger Pull Test & Retainability	1 Sept 88	J.U. + J.S.
	I) Firing Pin Indent	.0235 .0235 .023 1 Sept 88	J.U. + J.S.
	J) Assemble Stock	9/22/88	RW
	K) Assemble Swivel Studs	10-6-88	J.S.
	L) Attach Front & Rear Sight Assemblies	9/22/88	RW
	M) Iron Sight Alignment	9/22/88	RW
	N) Detach Front & Rear Sights & place in numbered container	9/22/88	RW
	O) Attach Scope to Rifle	10/3/88	RW
	P) Detach & Attach Scope 20 times	10/3/88	J.U.
640	Gallery Target & Test	53 R 102 L 10/5/88	DH
	A) Optical Clarity of Scope	10/5/88	J.U.
645	Inspect for Live Ammo	10/5/88	J.U.
655	Final Inspection		
	A) Headspace	10-6-88	J.S.
	B) Trigger Pull	10-6-88	J.S.
	C) Function	10-6-88	J.S.
660	Pack	10-21-88	J.S.

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6225380
DATE 1 Sept 88
TESTER W.B. - J.V. + G.S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.10	2.23	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.11	2.21	2.52	
PULL #3	2.44	2.14	2.25	2.57	
PULL #4	2.37	2.20	2.18	2.55	
PULL #5	2.57	2.06	2.24	2.48	
TOTAL	12.24	10.61	11.11	12.67	
AVG.	2.45	2.12	2.222	2.534	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.08		
PULL #2	3.08	2.99		
PULL #3	3.07	3.10		
PULL #4	3.10	3.10		
PULL #5	3.11	3.12		
TOTAL	15.50	15.39		
AVG.	3.10	3.078		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	3.96	4.27	4.07
PULL #2	4.02	3.99	4.23	4.07
PULL #3	4.03	4.04	4.29	4.08
PULL #4	4.03	4.00	4.31	4.11
PULL #5	4.02	4.02	4.27	4.12
TOTAL	20.16	20.01	21.37	20.45
AVG.	4.032	4.002	4.254	4.09

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225380

CENTROIDAL DISTANCES

0 TO	1	1.91412
1 TO	2	1.20192
1 TO	3	1.95746
1 TO	4	.754875
1 TO	5	1.23925

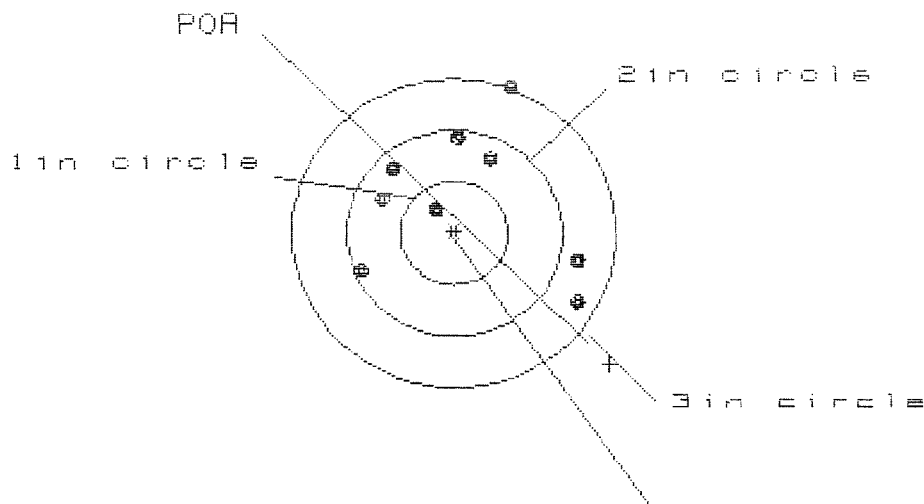
1 4
2 5
+ <----POA
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.7836
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .6134
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .995132
THE AMR FOR THIS RIFLE IS: 1.063

6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C62253B0

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 8

HS = 2.010

VS = 4.425

GS = 4.628

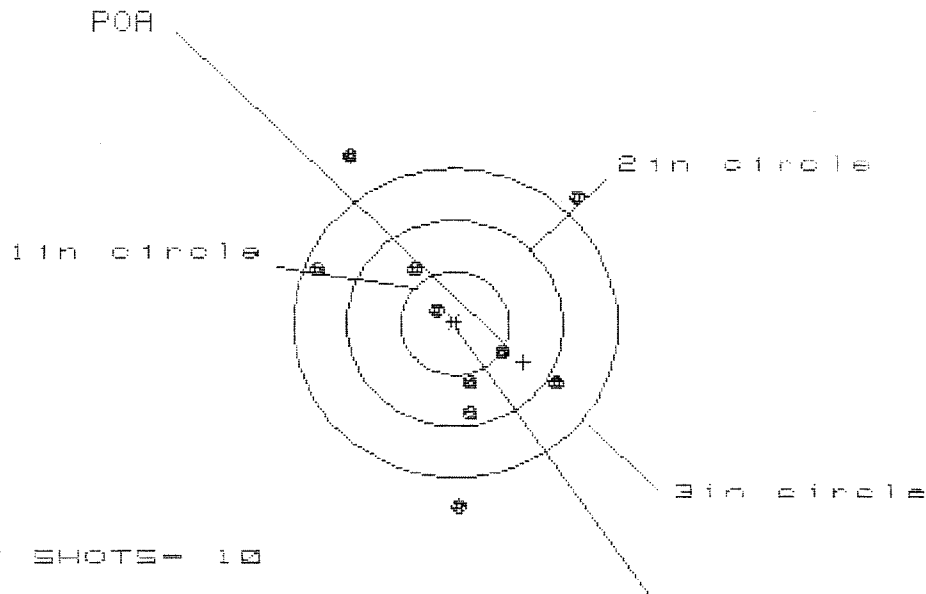
CENTROID X

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.140	1.043	1.092
MINIMUM X	-0.870	-0.937	-0.888
MAXIMUM Y	1.453	1.123	0.789
MINIMUM Y	-2.972	-1.048	-0.988
CENTROID X	-1.433	-1.336	-1.385
CENTROID Y	1.269	1.599	1.459
POA TO CENTROID in.	1.914	2.084	2.612
MIN RADIUS	.315	.279	.233
MEAN RADIUS	1.176	.883	.849
MAX RADIUS	3.097	1.465	1.405
HORIZONTAL SPREAD	2.010	1.980	1.980
VERTICAL SPREAD	4.425	2.171	1.677
EXTREME SPREAD	4.628	2.280	2.164
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225360

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.358

VS= 3.427

GS= 3.552

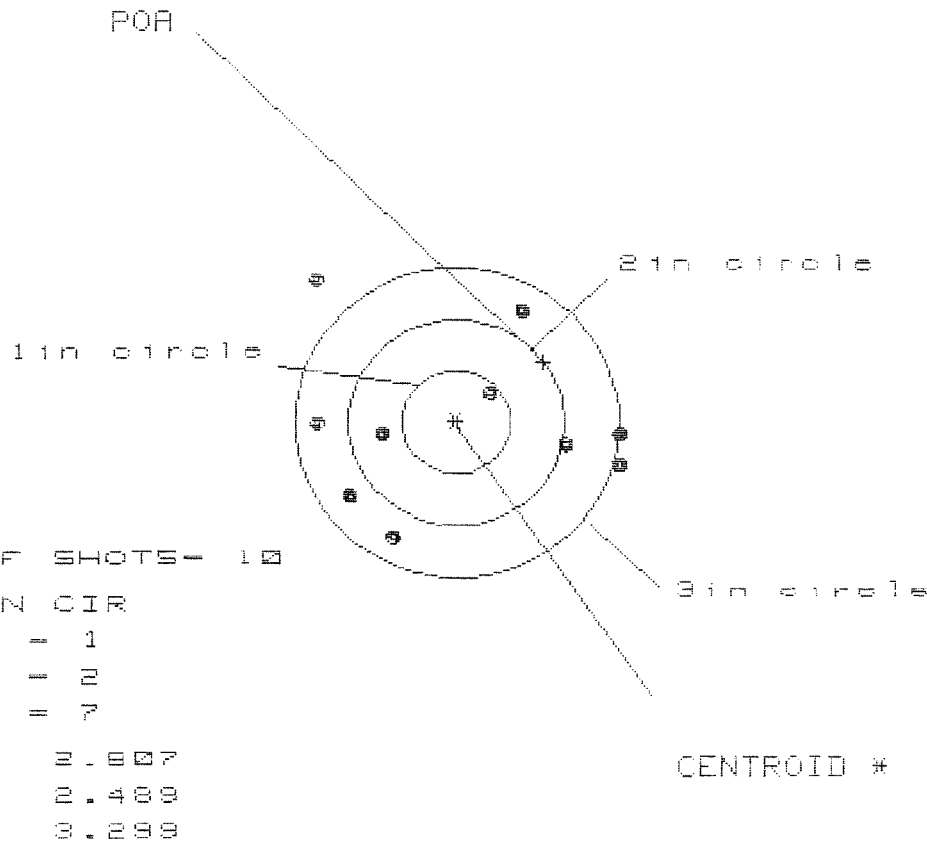
CENTROID *

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.083	.980	.968
MINIMUM X	-1.275	-1.378	-1.390
MAXIMUM Y	1.650	1.440	1.241
MINIMUM Y	-1.777	-1.594	-1.999
CENTROID X	-.633	-.530	-.518
CENTROID Y	.372	.189	.388
POA TO CENTROID in.	.734	.562	.647
MIN RADIUS	.186	.346	.297
MEAN RADIUS	1.068	.948	.877
MAX RADIUS	1.893	1.742	1.574
HORIZONTAL SPREAD	2.358	2.358	2.358
VERTICAL SPREAD	3.427	3.034	2.150
EXTREME SPREAD	3.552	3.219	2.466
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225380

CENTERFIRE PATTERNS # 3

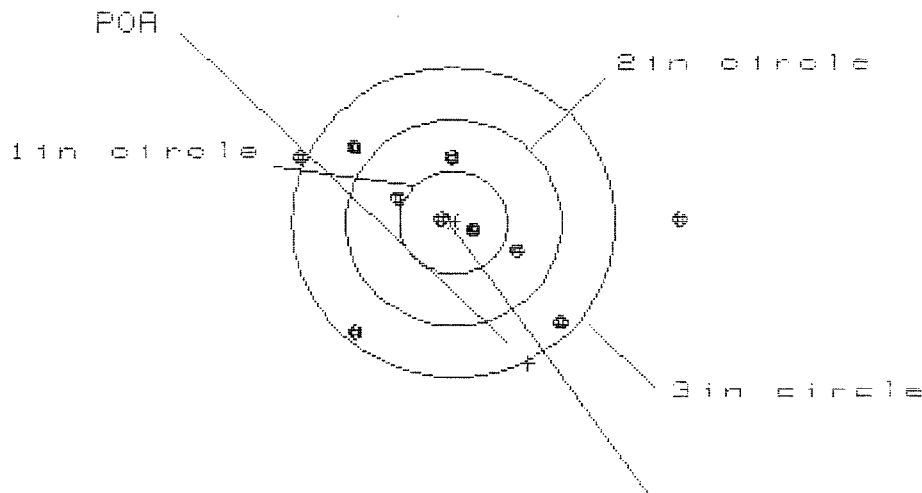


PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.512
MINIMUM X	-1.295
MAXIMUM Y	1.373
MINIMUM Y	-1.116
CENTROID X	-0.808
CENTROID Y	-0.586
POA TO CENTROID in.	.998
MIN RADIUS	.448
MEAN RADIUS	1.218
MAX RADIUS	1.861
HORIZONTAL SPREAD	2.807
VERTICAL SPREAD	2.489
EXTREME SPREAD	3.299
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	2
NUMBER IN THREE INCH CIRCLE	7

6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CS225380

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

CENTROID #

IN CIR

1in = 2

2in = 5

3in = 8

HS = 3.484

VS = 1.799

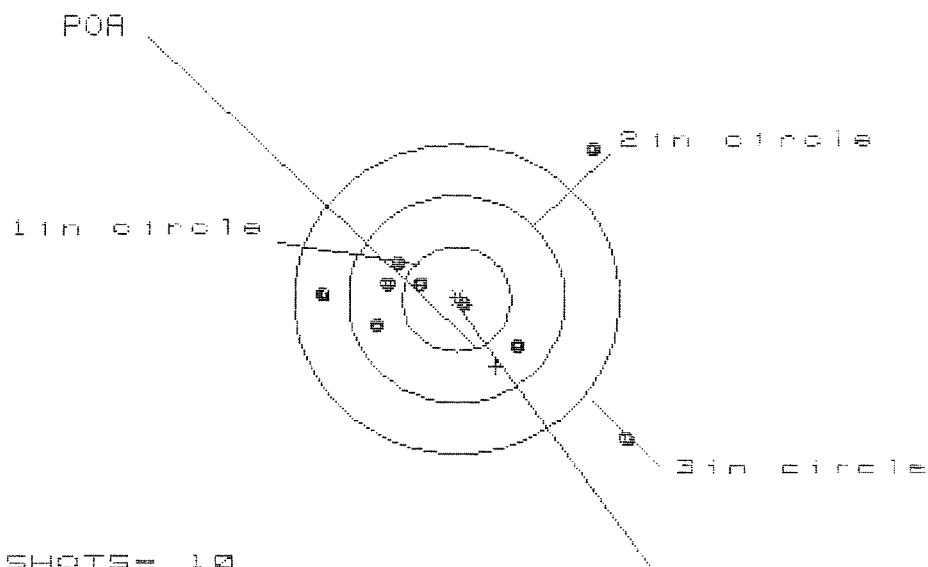
GS = 3.546

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.128	1.202	1.061
MINIMUM X	-1.366	-1.130	-.869
MAXIMUM Y	.773	.781	.866
MINIMUM Y	-1.026	-1.018	-.933
CENTROID X	-.684	-.920	-.779
CENTROID Y	1.363	1.355	1.270
POA TO CENTROID in.	1.525	1.638	1.490
MIN RADIUS	.155	.142	.181
MEAN RADIUS	.980	.842	.777
MAX RADIUS	2.129	1.552	1.389
HORIZONTAL SPREAD	3.494	2.332	1.930
VERTICAL SPREAD	1.799	1.799	1.799
EXTREME SPREAD	3.546	2.865	2.614
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

6 Oct 1988

FILE: \PATTERNING\CENTERFIRE_PATT\CG225360

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.768

VS= 2.792

GS= 3.071

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.577	1.447	.942
MINIMUM X	:	-1.191	-1.015	-.835
MAXIMUM Y	:	1.492	1.348	.412
MINIMUM Y	:	-1.308	-.584	-.415
CENTROID X	:	-.360	-.536	-.716
CENTROID Y	:	.649	.794	.625
POA TO CENTROID in.	:	.743	.958	.951
MIN RADIUS	:	.098	.178	.183
MEAN RADIUS	:	.875	.725	.529
MAX RADIUS	:	2.044	1.977	1.030
HORIZONTAL SPREAD	:	2.768	2.462	1.777
VERTICAL SPREAD	:	2.792	1.932	.827
EXTREME SPREAD	:	3.071	2.863	1.838
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	