

C6523444

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00092657

Serial: C6523444 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 2/8/2005 7:41:12 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box:

PO 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:

CSR:

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

magletj

2/8/2005

9:39 AM

CAPS

NUM

INS

SCPL

start

3

4

Arms Services R...

4

Serial Number:

C6523444

Model: M24 SWS



RE00092657

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523444.___0

FILE DATE AND TIME: 02/15/2005 09:03

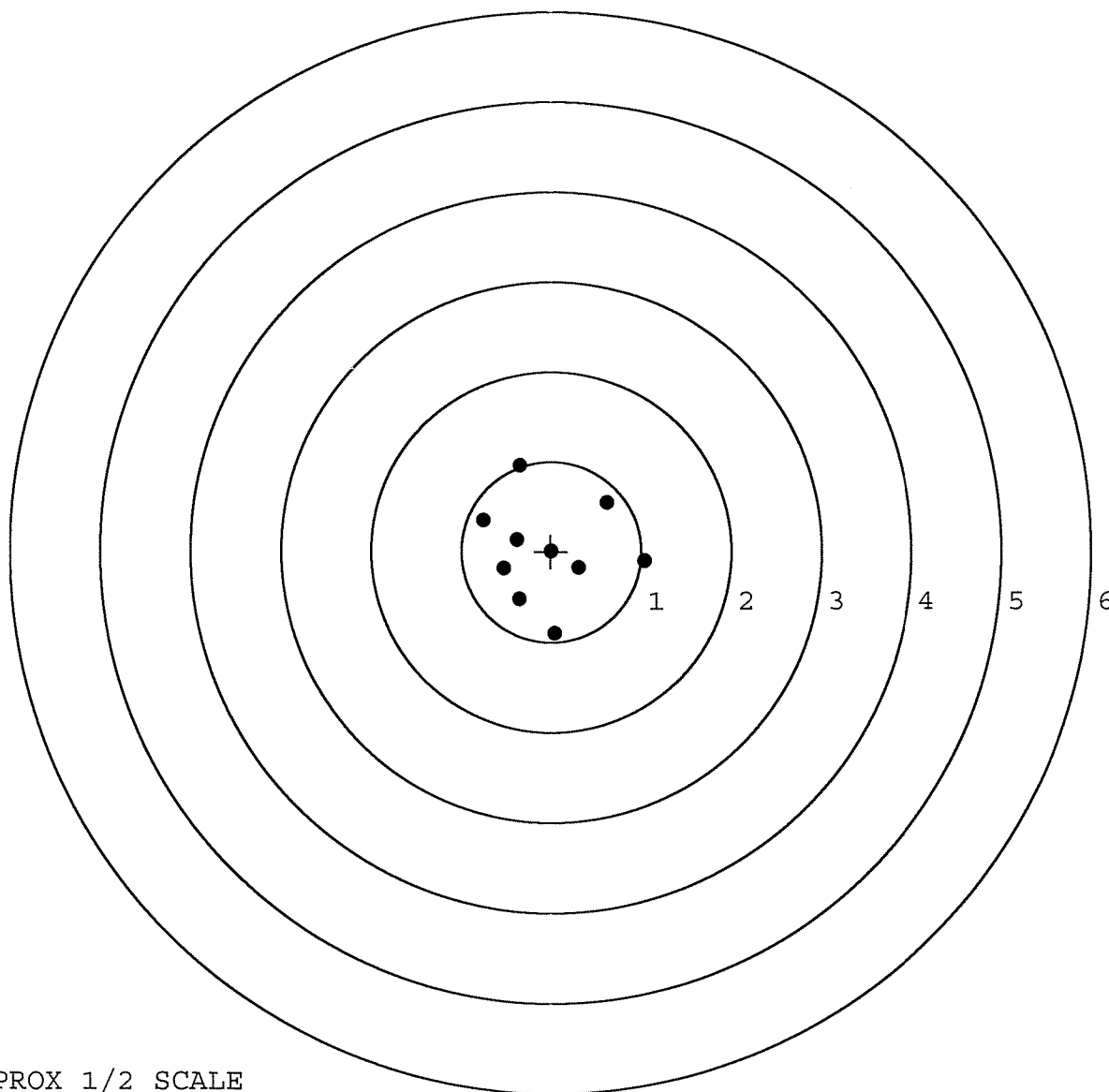
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.125
The Average Y Centroid of the Five Target Set:	0.027
The Average Point of Impact of the Five Target Set:	0.128
The Average Mean Radius of the Five Target Set:	0.705
The Distance from POA to Centroid Target #1:	0.037
The Distance from Centroid Target #2 to Centroid Target #1:	0.108
The Distance from Centroid Target #3 to Centroid Target #1:	0.102
The Distance from Centroid Target #4 to Centroid Target #1:	0.164
The Distance from Centroid Target #5 to Centroid Target #1:	0.251

SERIAL NUMBER: C6523444. __0
 TARGET NUMBER: 1
 FILE DATE: 02/15/2005
 FILE TIME: 09:03

X CENTROID: -0.037
 Y CENTROID: 0.004
 POA TO CENTROID: 0.037
 HORZ SPREAD: 1.792
 VERT SPREAD: 1.869
 GROUP SPREAD: 1.849
 MIN RADIUS: 0.038
 MAX RADIUS: 1.080
 MEAN RADIUS: 0.660
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.042	-0.910
2:	1.037	-0.112
3:	0.620	0.542
4:	-0.353	0.959
5:	-0.755	0.342
6:	-0.382	0.131
7:	-0.530	-0.193
8:	-0.360	-0.532
9:	0.311	-0.184
10:	0.001	-0.001

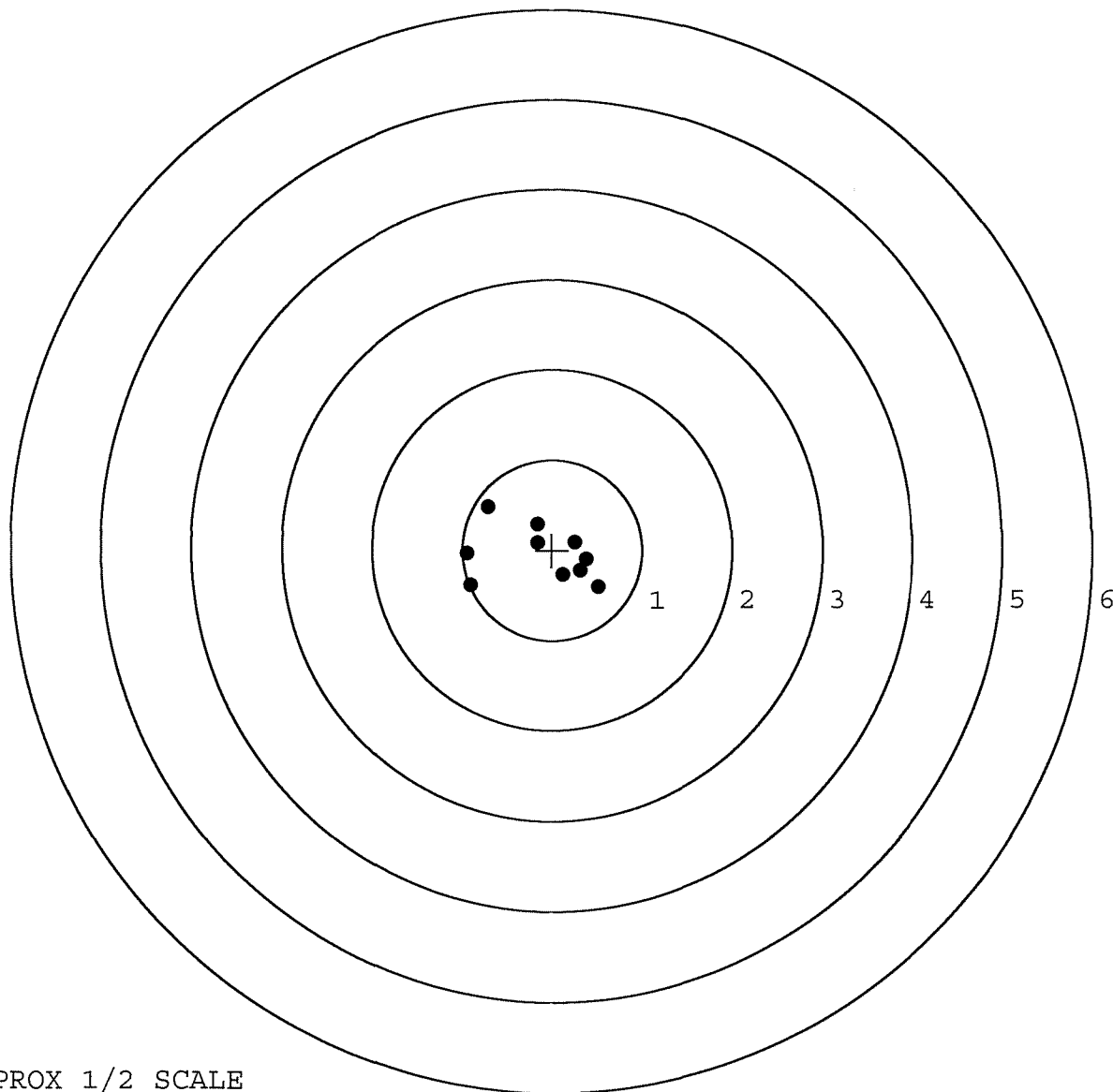


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523444. __0
 TARGET NUMBER: 2
 FILE DATE: 02/15/2005
 FILE TIME: 09:03

POINT#	X	Y
1:	-0.910	-0.394
2:	-0.947	-0.041
3:	-0.708	0.477
4:	-0.154	0.288
5:	-0.162	0.083
6:	0.517	-0.413
7:	0.122	-0.278
8:	0.255	0.089
9:	0.382	-0.100
10:	0.314	-0.230

X CENTROID: -0.129
 Y CENTROID: -0.052
 POA TO CENTROID: 0.139
 HORZ SPREAD: 1.464
 VERT SPREAD: 0.890
 GROUP SPREAD: 1.427
 MIN RADIUS: 0.139
 MAX RADIUS: 0.853
 MEAN RADIUS: 0.541
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

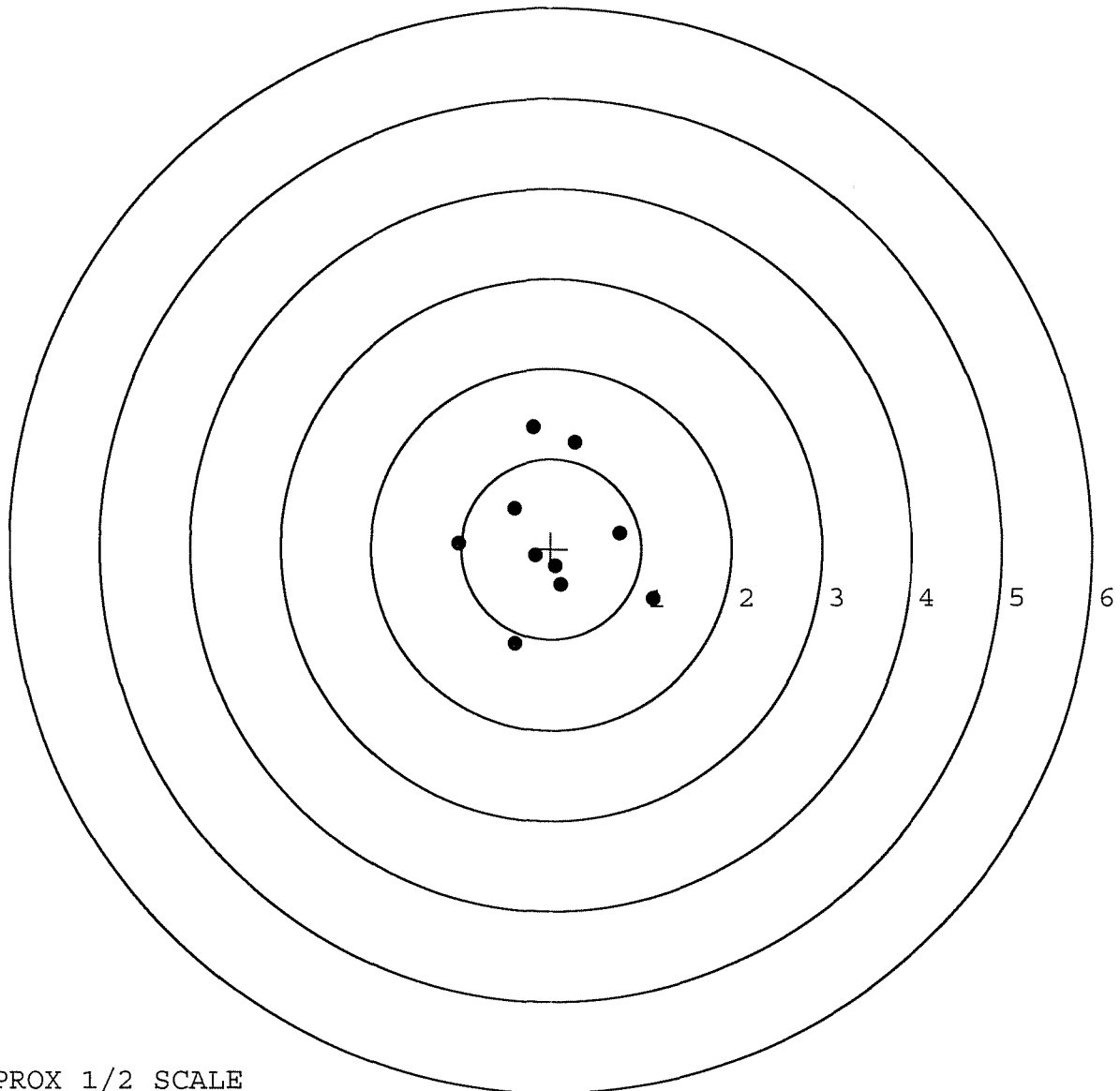


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523444. __0
 TARGET NUMBER: 3
 FILE DATE: 02/15/2005
 FILE TIME: 09:03

POINT#	X	Y
1:	1.130	-0.558
2:	0.762	0.180
3:	0.267	1.181
4:	-0.194	1.352
5:	-0.401	-1.051
6:	-1.029	0.061
7:	0.108	-0.400
8:	0.051	-0.198
9:	-0.174	-0.078
10:	-0.402	0.454

X CENTROID: 0.012
 Y CENTROID: 0.094
 POA TO CENTROID: 0.095
 HORZ SPREAD: 2.159
 VERT SPREAD: 2.403
 GROUP SPREAD: 2.324
 MIN RADIUS: 0.253
 MAX RADIUS: 1.295
 MEAN RADIUS: 0.830
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

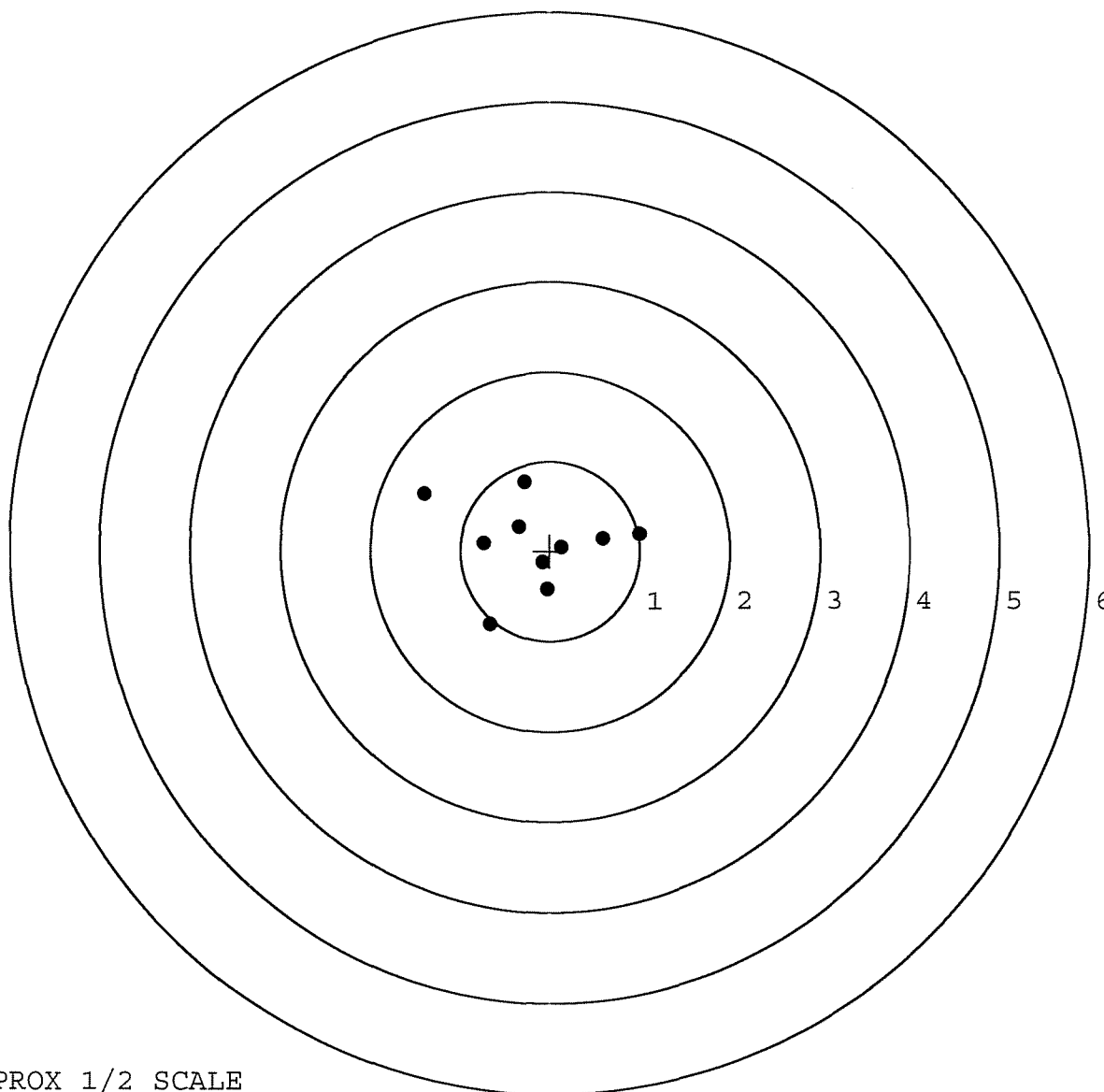


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523444. __0
 TARGET NUMBER: 4
 FILE DATE: 02/15/2005
 FILE TIME: 09:03

POINT#	X	Y
1:	0.998	0.195
2:	0.587	0.146
3:	-0.672	-0.819
4:	-0.741	0.092
5:	-0.340	0.278
6:	-0.280	0.775
7:	-1.399	0.638
8:	0.130	0.043
9:	-0.084	-0.129
10:	-0.029	-0.432

X CENTROID: -0.183
 Y CENTROID: 0.079
 POA TO CENTROID: 0.199
 HORZ SPREAD: 2.397
 VERT SPREAD: 1.594
 GROUP SPREAD: 2.438
 MIN RADIUS: 0.230
 MAX RADIUS: 1.338
 MEAN RADIUS: 0.691
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

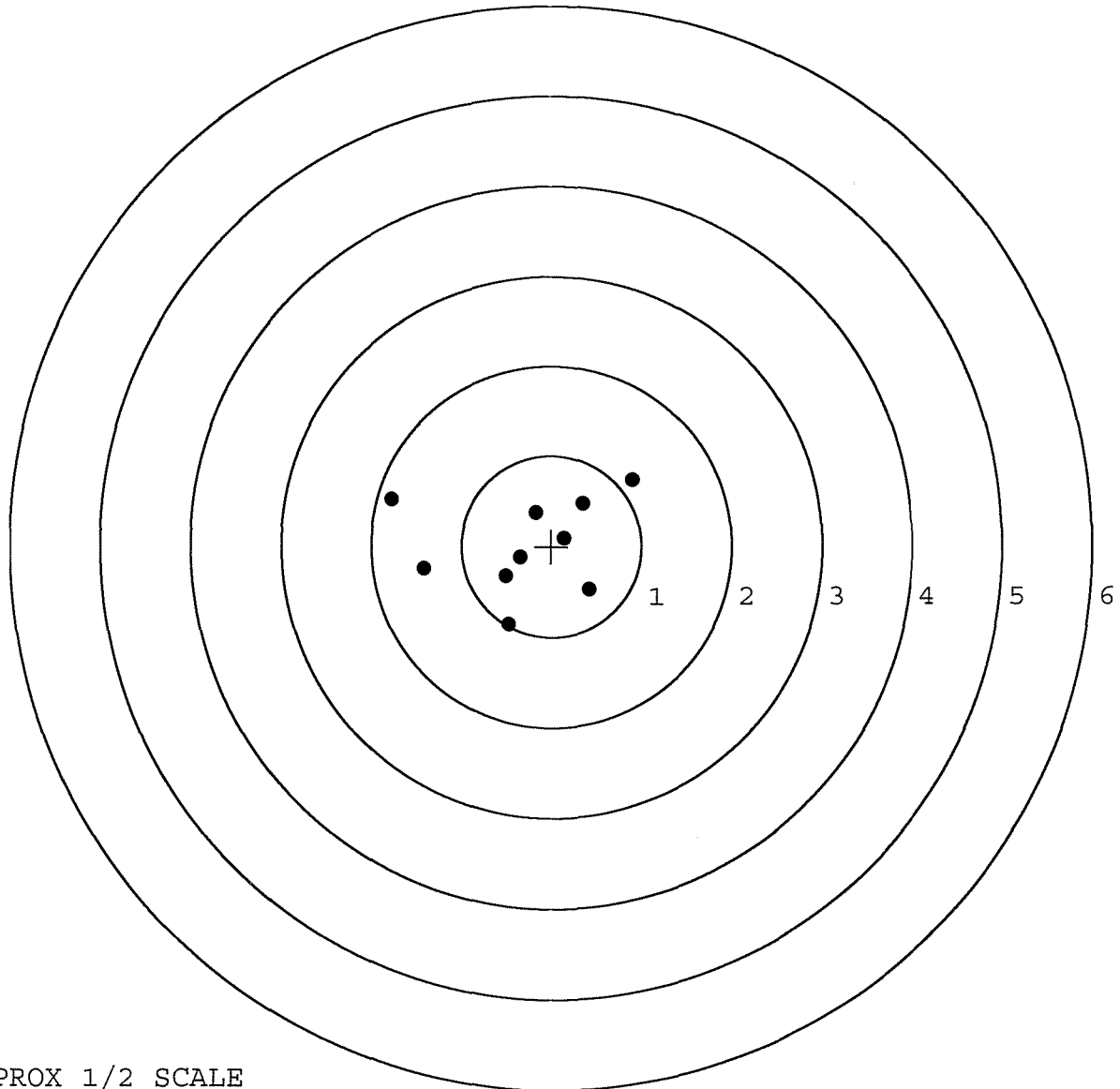


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523444. __0
 TARGET NUMBER: 5
 FILE DATE: 02/15/2005
 FILE TIME: 09:03

POINT#	X	Y
1:	0.904	0.729
2:	0.424	-0.476
3:	0.355	0.468
4:	0.143	0.092
5:	-0.172	0.367
6:	-0.352	-0.125
7:	-0.512	-0.331
8:	-0.480	-0.866
9:	-1.414	-0.253
10:	-1.771	0.510

X CENTROID: -0.287
 Y CENTROID: 0.012
 POA TO CENTROID: 0.288
 HORZ SPREAD: 2.675
 VERT SPREAD: 1.595
 GROUP SPREAD: 2.684
 MIN RADIUS: 0.151
 MAX RADIUS: 1.565
 MEAN RADIUS: 0.803
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER	92657			
SERIAL NUMBER	C6523444			
LOG-IN DATE	2-8-05			
INSPECT AND VERIFY:				
OPERATION #	OPERATION NAME	DATE	INITIAL	
550	DIS-ASSEMBLE GUN	X		
560 A	RE-BARREL			
B	DRILL AND TAP			
575	ASSEMBLE			
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625 A	FINAL ASSEMBLY			
B	TRIGGER PULL TEST			
C	SAFETY "ON" FORCE		4-25-05	AK
D	SAFETY "OFF" FORCE		4-25-05	AK
E	FIRING PIN INDENT	4-25-05	AK	
640	TARGET TEST	2-15-05	RTZ	
655	FINAL INSPECT	4-25-05	AK	
660	PACK	4-25-05	RA	
		SHIP DATE		
		QAR INSPECTION DATE		

INITIAL JJM	CUSTOMER ORDER NO. DAAA09-92-C-0834	W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT ATTN FRED MARTIN <i>Scope S/N 96-0309</i>			
DATE RECEIVED 06/14/94	DATE OPENED 06/15/94	DATE CODE	SERIAL NUMBER C6523444	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP					

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL

36201-5025

ACCOUNT NUMBER ACCOUNT NUMBER N/C

CUST NO: 098397 C.O.D.

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

✓ Barrel
✓ Stock
✓ Trigger Assy
✓ Mag Spring
✓ ~~Mag~~ Mag Box
✓ Firing pin Assy

96118 FRONT SIGHT ASSY

96119 REAR SIGHT ASSY

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

6/12/96

6/12/96

OFFICE COPY

RD6925 REV. 1/94

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523444DATE 6-3-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.53	2.66	2.71	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.64	2.71	2.64	
PULL #3	2.58	2.61	2.74	
PULL #4	2.67	2.62	2.74	
PULL #5	2.72	2.69	2.71	
TOTAL	13.14	13.29	13.54	
AVG.	2.62	2.65	2.70	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.26	3.05	
PULL #2	3.20	3.17	
PULL #3	3.15	3.11	
PULL #4	3.14	3.17	
PULL #5	3.13	3.22	
TOTAL	15.88	15.72	
AVG.	3.17	3.14	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.02	4.00		4.37
PULL #2	4.12	4.10		4.37
PULL #3	4.07	4.04		4.27
PULL #4	4.08	4.00		4.38
PULL #5	4.08	4.03		4.30
TOTAL	20.37	20.17		21.69
AVG.	4.07	4.03		4.33

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6523444
 17 Apr 1988

CENTROIDAL DISTANCES

0 TO	1	.376449
1 TO	2	.454493
1 TO	3	.543225
1 TO	4	.395062
1 TO	5	.343385

371 <----POR

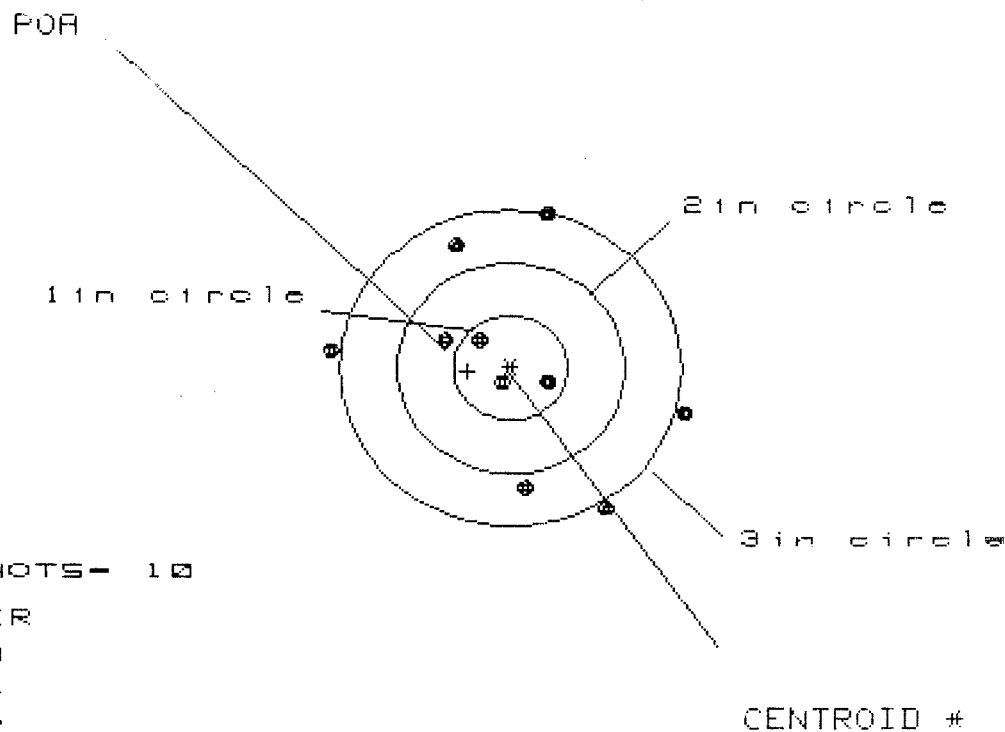
THE AVERAGE X-COORDINATE: .0988
 THE AVERAGE Y-COORDINATE: .116
 THE RESULTING AVERAGE: .233529

THE AMR FOR THIS RIFLE IS: .9336

17 Apr 90

FILE:/PATTERNING/CENTERFIRE_PATT/C6523444

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 7

HS= 3.057

VS= 2.738

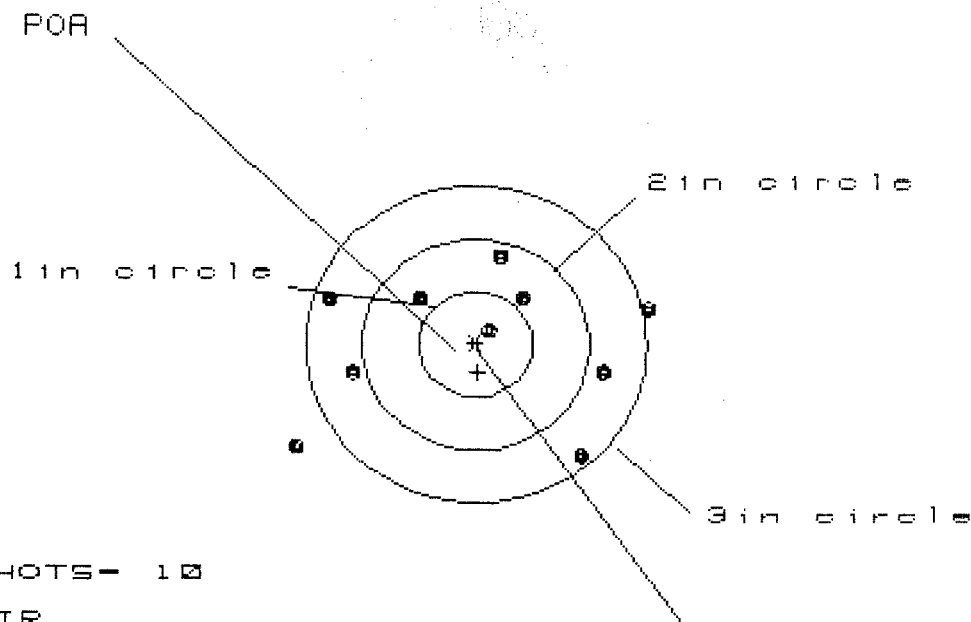
GS= 3.122

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	9	8	7
MAXIMUM X	:	1.310	1.310	.772
MINIMUM X	:	-1.773	-1.773	-.610
MAXIMUM Y	:	1.448	1.448	1.390
MINIMUM Y	:	1.290	1.290	-1.348
CENTROID X	:	.549	.549	.386
CENTROID Y	:	.016	.016	.074
POA TO CENTROID in.	:	.550	.550	.393
MIN RADIUS	:	.233	.233	.207
MEAN RADIUS	:	.966	.966	.882
MAX RADIUS	:	1.454	1.454	1.553
HORIZONTAL SPREAD	:	2.083	2.083	1.382
VERTICAL SPREAD	:	2.738	2.738	2.738
EXTREME SPREAD	:	2.793	2.793	2.793
NUMBER IN ONE INCH CIRCLE	=	3	3	3
NUMBER IN TWO INCH CIRCLE	=	4	4	4
NUMBER IN THREE INCH CIRCLE	=	7	7	7

17 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6523444

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in = 8

HS- 3.127

VS= 1.928

GS= 3.398

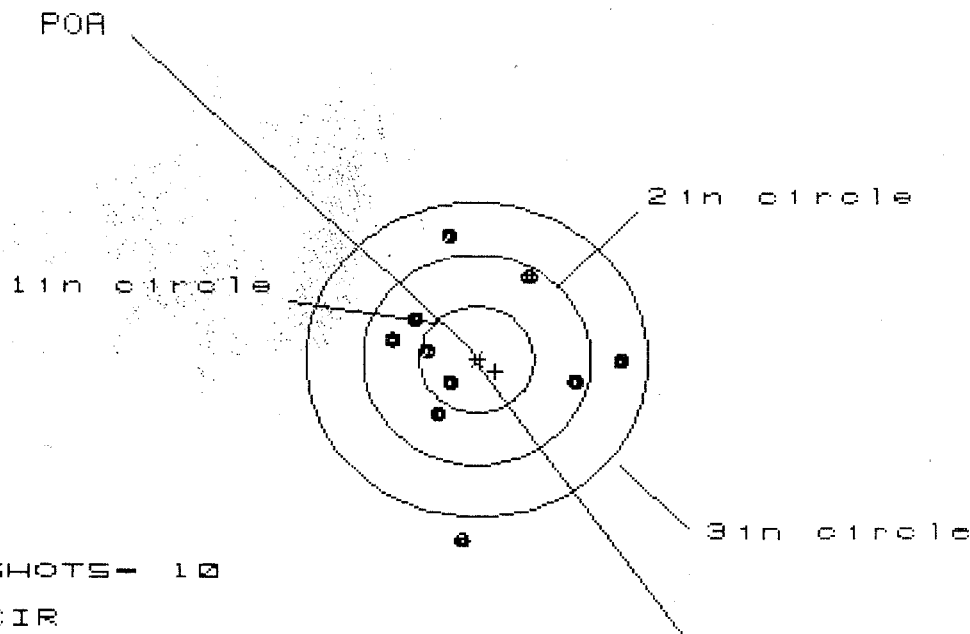
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.549	1.373	1.099
MINIMUM X	:	-1.578	-1.412	-1.240
MAXIMUM Y	:	.830	.770	.799
MINIMUM Y	:	-1.048	-1.158	-1.129
CENTROID X	:	-.017	.159	-.013
CENTROID Y	:	.263	.373	.344
POA TO CENTROID in.	:	.264	.406	.344
MIN RADIUS	:	.147	.063	.112
MEAN RADIUS	:	1.060	.932	.876
MAX RADIUS	:	1.862	1.444	1.480
HORIZONTAL SPREAD	:	3.127	2.785	2.339
VERTICAL SPREAD	:	1.928	1.928	1.928
EXTREME SPREAD	:	3.398	2.786	2.638
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8523444

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in = 9

HS- 1.981

VS- 2.896

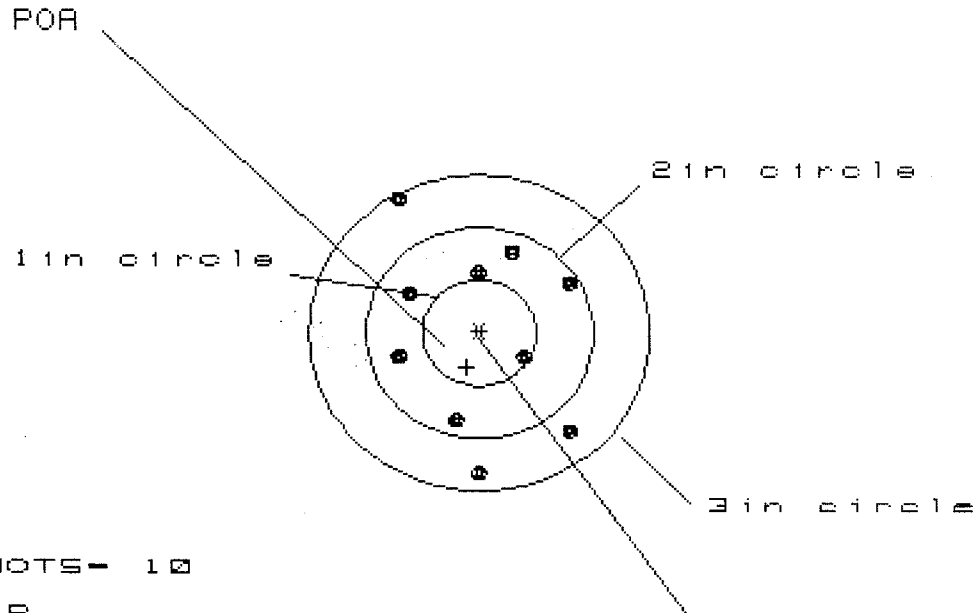
GS- 2.896

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.238	1.217	.971
MINIMUM X	:	-.743	-.764	-.611
MAXIMUM Y	:	1.173	.982	.957
MINIMUM Y	:	-1.723	-.688	-.714
CENTROID X	:	-.162	-.141	-.294
CENTROID Y	:	.115	.306	.331
POA TO CENTROID in.	:	.198	.337	.443
MIN RADIUS	:	.315	.459	.324
MEAN RADIUS	:	.867	.768	.670
MAX RADIUS	:	1.733	1.234	1.055
HORIZONTAL SPREAD	:	1.981	1.981	1.582
VERTICAL SPREAD	:	2.896	1.670	1.670
EXTREME SPREAD	:	2.896	1.994	1.713
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

17 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6523444

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 7

3 in = 10

HS- 1.553

VS= 2.551

GS= 2.656

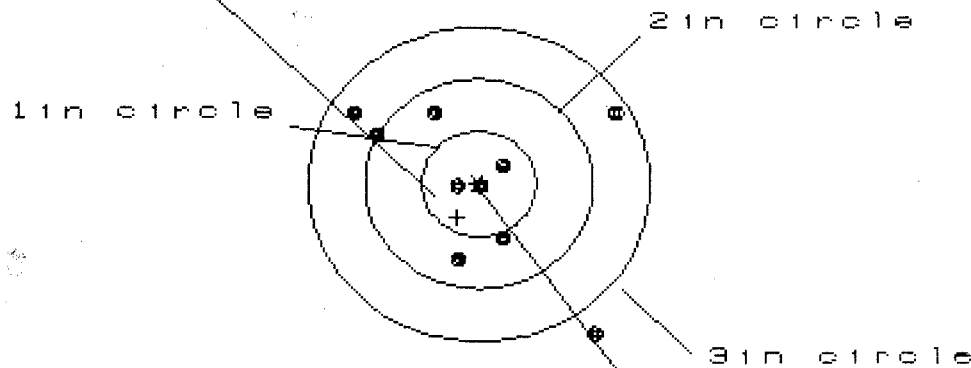
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.830	.751	.745
MINIMUM X	:	-.723	-.802	-.808
MAXIMUM Y	:	1.244	.943	.797
MINIMUM Y	:	-1.307	-1.169	-.930
CENTROID X	:	.110	.189	.195
CENTROID Y	:	.326	.188	.334
POA TO CENTROID in.	:	.344	.267	.387
MIN RADIUS	:	.412	.290	.344
MEAN RADIUS	:	.908	.843	.787
MAX RADIUS	:	1.432	1.170	1.139
HORIZONTAL SPREAD	:	1.553	1.553	1.553
VERTICAL SPREAD	:	2.551	2.112	1.727
EXTREME SPREAD	:	2.656	2.131	1.923
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Apr 1908

FILE:/PATTERNING/CENTERFIRE_PATT/06523444

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in - 3

2in - 6

3in - 9

HS- 2.391

VS- 2.096

GS- 2.988

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.259	1.371	.533
MINIMUM X	:	-1.132	-1.020	-.848
MAXIMUM Y	:	.688	.531	.591
MINIMUM Y	:	-1.408	-.876	-.816
CENTROID X	:	.188	.076	-.096
CENTROID Y	:	.321	.478	.418
POA TO CENTROID in.	:	.372	.484	.428
MIN RADIUS	:	.066	.194	.138
MEAN RADIUS	:	.815	.719	.624
MAX RADIUS	:	1.735	1.453	1.024
HORIZONTAL SPREAD	:	2.391	2.391	1.381
VERTICAL SPREAD	:	2.096	1.407	1.407
EXTREME SPREAD	:	2.988	2.391	1.793
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6523444

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 and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly 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			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7 1/4	7 1/2	7 1/4			6/24/96	WB
	G) Safety Off Force	3 1/2	3 1/4	3			6/24/96	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.024	.023			6/24/96	WB
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.74	2.79	2.82	2.83	2.83	6/22/96	WB
	C) Function							
660	Pack							

Remington



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

MODEL 700™ H24

SERIAL NO.
C6523444

ORDER NO.
5716

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

01



5716 C6523444

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523444

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 24	90	RW
600	Proof	9 24	90	RW
607	Check Headspace	9 24	90	RW
610	Dis-assemble Gun	9 24	90	RW
612	Magnaflux Barrel Action		9-25-90	KR
	Magnaflux Bolt		9-25-90	KR
615	Rollmark Caliber		9-25-90	GL
617	Drill and Tap Sight Holes		9-25-90	FB
618	Polish Barrel RB		9/28/90	WB
620	Apply Coatings (Barrel Action)		10-2-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/15/90	GL

op. #	OP. NAME	READINGS					DATE	INIT
605 nt.	F) Safety On Force	4 1/2	4 1/2	4 1/2			10/16/90	WB
	G) Safety Off Force	3	3	3			10/16/90	WB
	H) Trigger Pull Test & Retainability						10/15/90	JH
	I) Firing Pin Indent	.022	.022	.022			10/16/90	WB
	J) Assemble Stock						10/16/90	RW
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						10/16/90	RW
	M) Iron Sight Alignment						10/16/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/16/90	RW
	O) Attach Scope to Rifle						10/16/90	RW
	P) Detach & Attach Scope 20 Times						10/16/90	RW
640	Gallery Target & Test						10-24-90	AC
	A) Time						10-24-90	AC
	B) Malfunctions						10-24-90	AC
	C) Pierced Primers						10-24-90	AC
	D) Optical Clarity of Scope						10-24-90	AC
645	Inspect for Live Ammo						10-24-90	AC
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	232	212	236	243	219	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12/18/90	N

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

SERIAL NO. C6523444
DATE 10/15/90
TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.46	2.32	232	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.26	2.13	217	
PULL #3	2.24	2.42	2.34	236	
PULL #4	2.19	2.43	2.36	243	
PULL #5	2.37	2.32	2.42	249	
TOTAL	11.4	11.89	11.57		
AVG.	2.28	2.378	2.314		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.33		
PULL #2	3.10	3.25		
PULL #3	3.49	3.26		
PULL #4	3.34	3.20		
PULL #5	3.28	3.28		
TOTAL	16.67	16.32		
AVG.	3.334	3.264		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.50		4.13
PULL #2	4.50	4.14		4.38
PULL #3	4.48	4.28		4.31
PULL #4	4.43	4.29		4.28
PULL #5	4.42	4.35		4.29
TOTAL	22.28	21.56		21.39
AVG.	4.456	4.312		4.278

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523444
24 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.424364
1 TO	2	.650964
1 TO	3	.341709
1 TO	4	.507878
1 TO	5	.607951

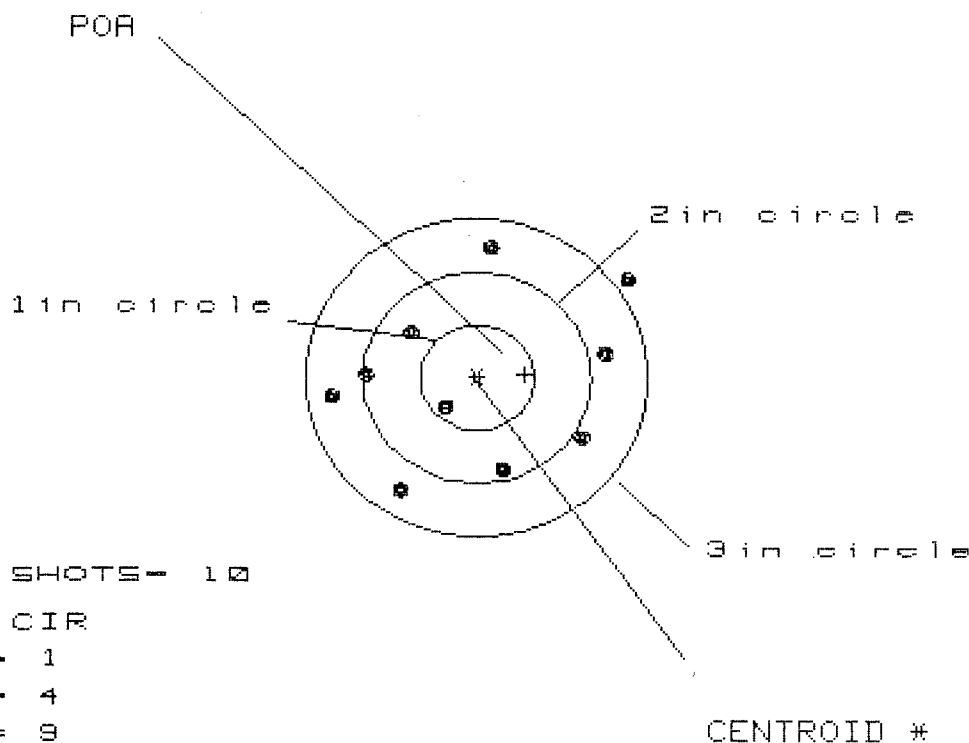
$1\frac{1}{2}$ <----POA

THE X COORDINATE FOR THIS RIFLE IS: -.0288
THE Y COORDINATE FOR THIS RIFLE IS: -.003
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .0289558
THE R OF THIS RIFLE IS: .9504

24 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523444

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in - 9

HS= 2.516

VS= 2.336

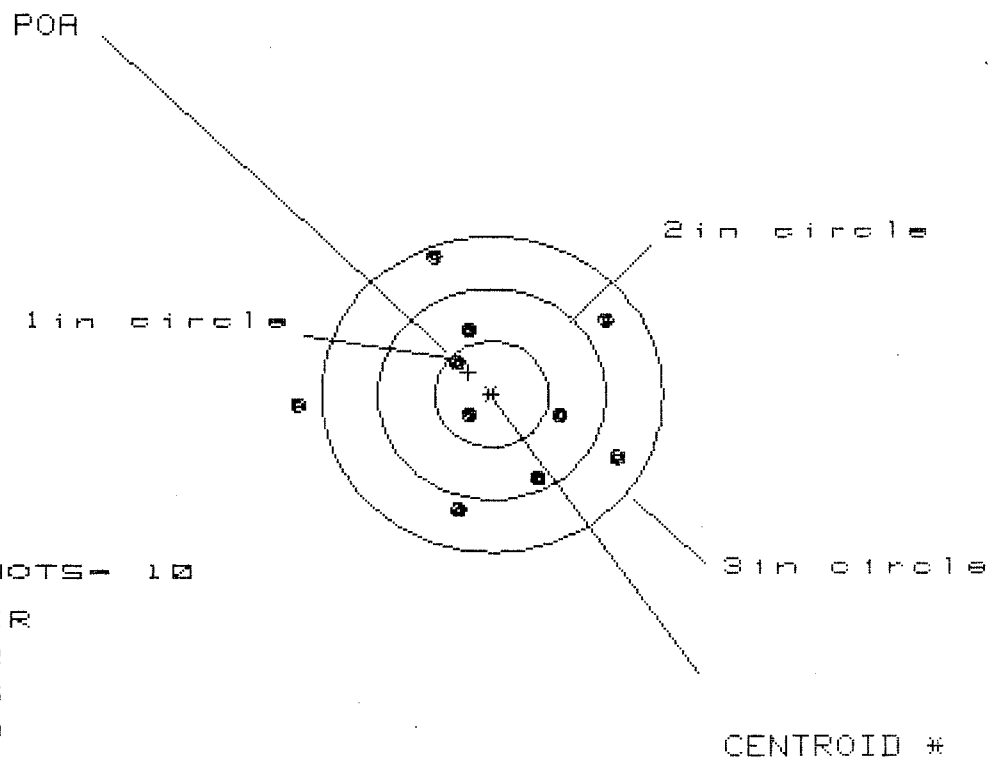
GS= 2.839

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.282	1.269	1.202
MINIMUM X	:	-1.234	-1.092	-1.159
MAXIMUM Y	:	1.221	1.325	1.199
MINIMUM Y	:	-1.115	-1.011	-.907
CENTROID X	:	-.423	-.565	-.498
CENTROID Y	:	-.034	-.138	-.012
POA TO CENTROID in.	:	.424	.582	.498
MIN RADIUS	:	.342	.168	.309
1IN RADIUS	:	1.053	.958	.945
2IN RADIUS	:	1.588	1.352	1.228
HORIZONTAL SPREAD	:	2.516	2.361	2.361
VERTICAL SPREAD	:	2.336	2.336	2.106
DIAG SPREAD	:	2.839	2.471	2.398
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 5

3 in - 9

HS - 2.798

VS - 2.426

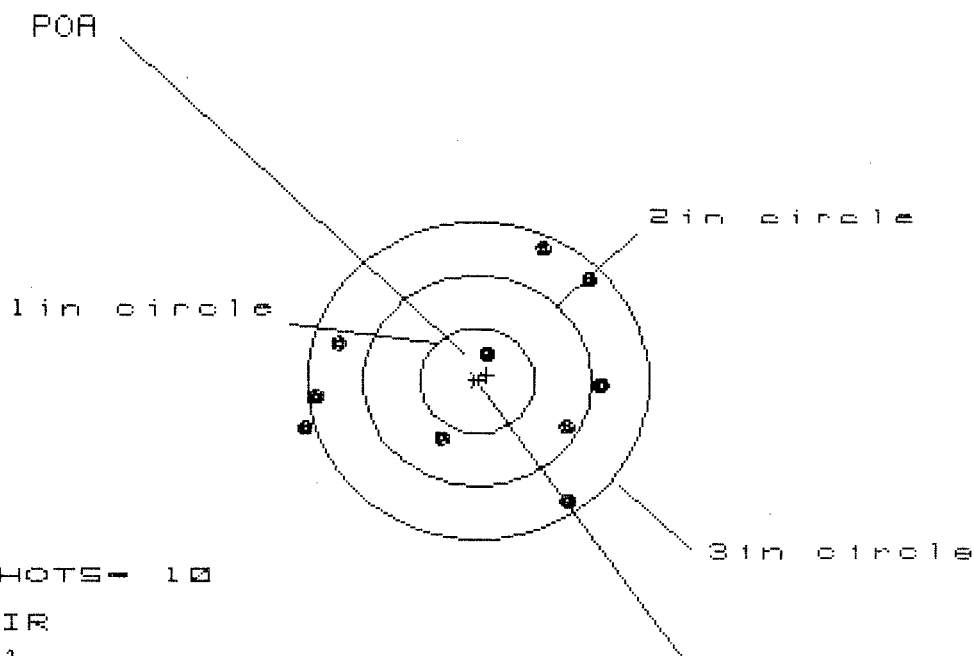
GS - 2.839

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.111	.924	.842
MINIMUM X	:	-1.687	-.652	-.569
MAXIMUM Y	:	1.339	1.329	.885
MINIMUM Y	:	-1.087	-1.097	-.931
CENTROID X	:	.204	.391	.473
CENTROID Y	:	-.209	-.199	-.365
POA TO CENTROID in.	:	.292	.439	.597
MIN RADIUS	:	.261	.426	.369
MEAN RADIUS	:	.953	.870	.777
MAX RADIUS	:	1.689	1.480	1.155
HORIZONTAL SPREAD	:	2.798	1.576	1.411
VERTICAL SPREAD	:	2.426	2.426	1.816
EXTREME SPREAD	:	2.839	2.478	2.237
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 1

2in - 3

3in = 9

HS= 2.616

VS= 2.432

GS= 2.829

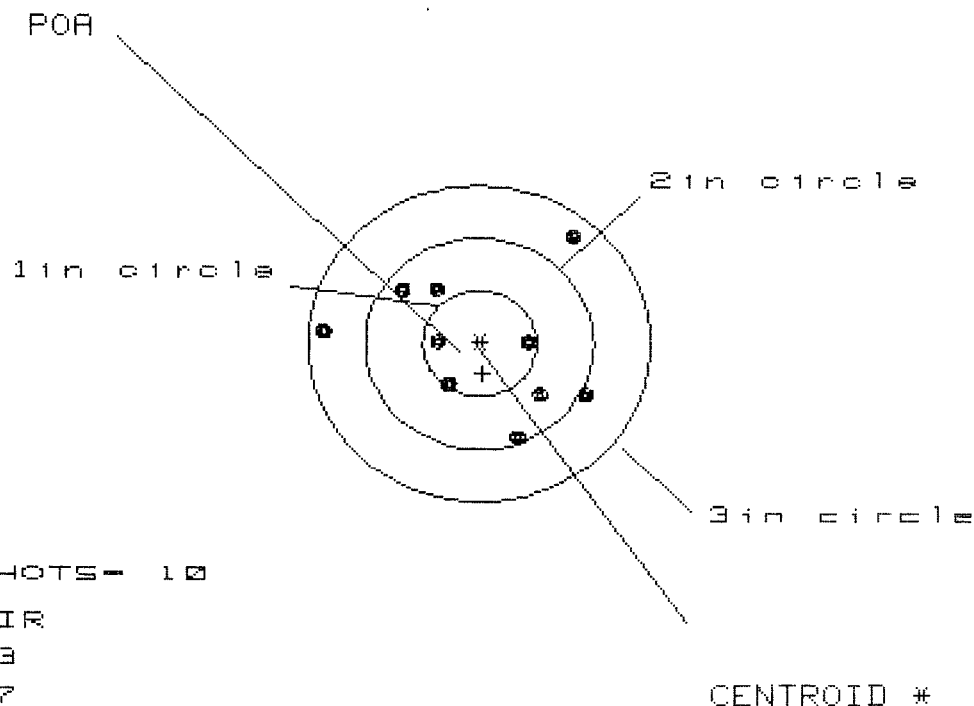
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.129	.964	1.020
MINIMUM X	:	-1.487	-1.572	-1.516
MAXIMUM Y	:	1.279	1.231	1.034
MINIMUM Y	:	-1.153	-1.201	-1.047
CENTROID X	:	-.082	.083	.027
CENTROID Y	:	-.056	-.008	-.162
POA TO CENTROID in.	:	.099	.083	.165
MIN RADIUS	:	.264	.199	.345
MEAN RADIUS	:	1.133	1.067	1.034
MAX RADIUS	:	1.547	1.580	1.516
HORIZONTAL SPREAD	:	2.616	2.536	2.536
VERTICAL SPREAD	:	2.432	2.432	2.081
EXTREME SPREAD	:	2.829	2.618	2.618
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
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 = 10

HS= 2.291

VS= 1.895

GS= 2.391

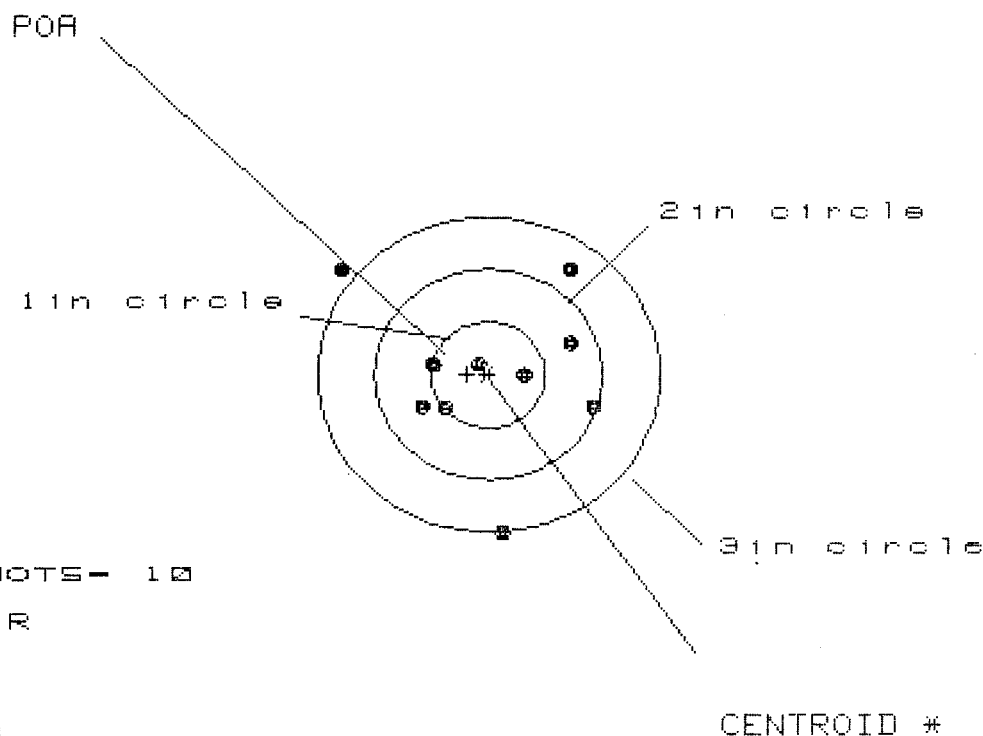
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.919	.767	.853
MINIMUM X	:	-1.372	-.831	-.745
MAXIMUM Y	:	.989	.997	.676
MINIMUM Y	:	-.906	-.898	-.773
CENTROID X	:	-.027	.125	.040
CENTROID Y	:	.284	.276	.151
POA TO CENTROID in.	:	.285	.303	.156
MIN RADIUS	:	.364	.307	.368
MEAN RADIUS	:	.806	.737	.661
MAX RADIUS	:	1.374	1.210	1.006
HORIZONTAL SPREAD	:	2.291	1.598	1.598
VERTICAL SPREAD	:	1.895	1.895	1.449
EXTREME SPREAD	:	2.391	1.968	1.889
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS = 2.128

VS = 2.503

GS = 2.843

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.0	.736	.730
MINIMUM X	-1.2	-.710	-.716
MAXIMUM Y	.978	1.078	.901
MINIMUM Y	-1.525	-1.417	-.399
CENTROID X	.184	.323	.329
CENTROID Y	.000	-.108	.069
POA TO CENTROID	.184	.341	.336
MIN RADIUS	.091	.222	.179
MEAN RADIUS	.807	.727	.622
MAX RADIUS	1.589	1.417	1.085
HORIZONTAL SPREAD	2.128	1.446	1.446
VERTICAL SPREAD	2.503	2.495	1.300
EXTREME SPREAD	2.843	2.579	1.853
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		