

C6349066

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00102799** Serial: C6349066 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/26/2005 8:47:36 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: **PR W7LZ CAMP SHELBY DET 57** **PR W7LZ CAMP SHELBY DET 57**

Address 1: **OEF TRAINING BDE ROTATION** **OEF TRAINING BDE ROTATION**

Address 2: **BLDG 6520 WAREHOUSE AVE** PO Box: **BLDG 6520 WAREHOUSE AVE** PO Box:

City: **CAMP SHELBY** **CAMP SHELBY**

State: **MS** Zip Code: **39407** Country: **US** State: **MS** Zip Code: **39407** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **601-558-4593**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

inaglej 10/26/2005 9:44 AM CAPS NUM IUS SCPL

start 2 2 3 Arms 5

Serial Number: **C6349066**

Model: **M24 SWS**



RE00102799

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349066.___0
FILE DATE AND TIME: 11/22/2005 22:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

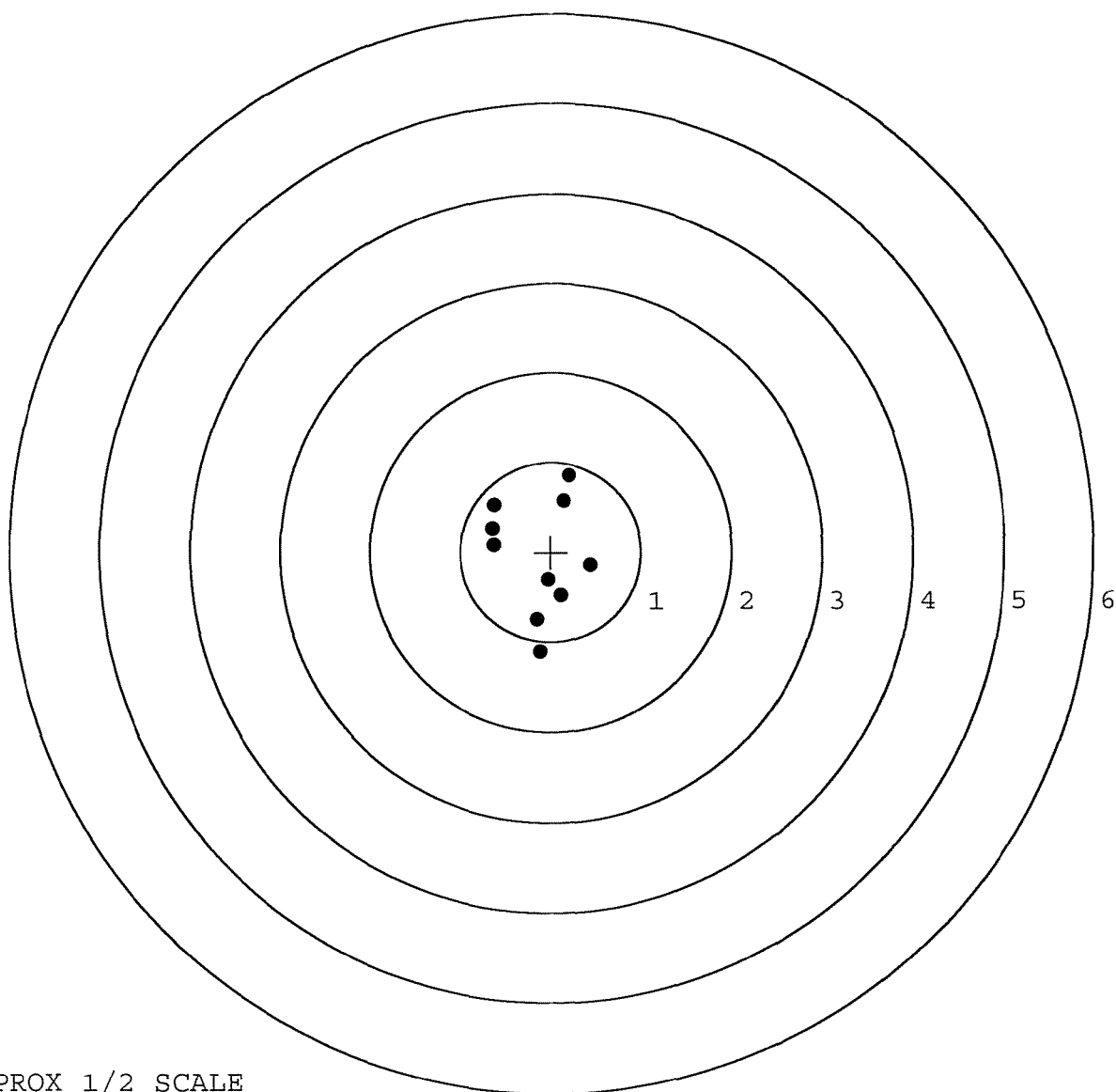
The Average X Centroid of the Five Target Set:	0.008
The Average Y Centroid of the Five Target Set:	-0.049
The Average Point of Impact of the Five Target Set:	0.050
The Average Mean Radius of the Five Target Set:	0.665
The Distance from POA to Centroid Target #1:	0.142
The Distance from Centroid Target #2 to Centroid Target #1:	0.485
The Distance from Centroid Target #3 to Centroid Target #1:	0.229
The Distance from Centroid Target #4 to Centroid Target #1:	0.117
The Distance from Centroid Target #5 to Centroid Target #1:	0.365

SERIAL NUMBER: C6349066.___0
TARGET NUMBER: 1
FILE DATE: 11/22/2005
FILE TIME: 22:24

X CENTROID: -0.132
Y CENTROID: -0.051
POA TO CENTROID: 0.142
HORZ SPREAD: 1.090
VERT SPREAD: 1.964
GROUP SPREAD: 1.990
MIN RADIUS: 0.278
MAX RADIUS: 1.066
MEAN RADIUS: 0.666

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.037	-0.313
2:	0.109	-0.493
3:	0.443	-0.146
4:	-0.161	-0.756
5:	-0.121	-1.117
6:	-0.629	0.093
7:	-0.647	0.272
8:	-0.630	0.528
9:	0.202	0.847
10:	0.146	0.571

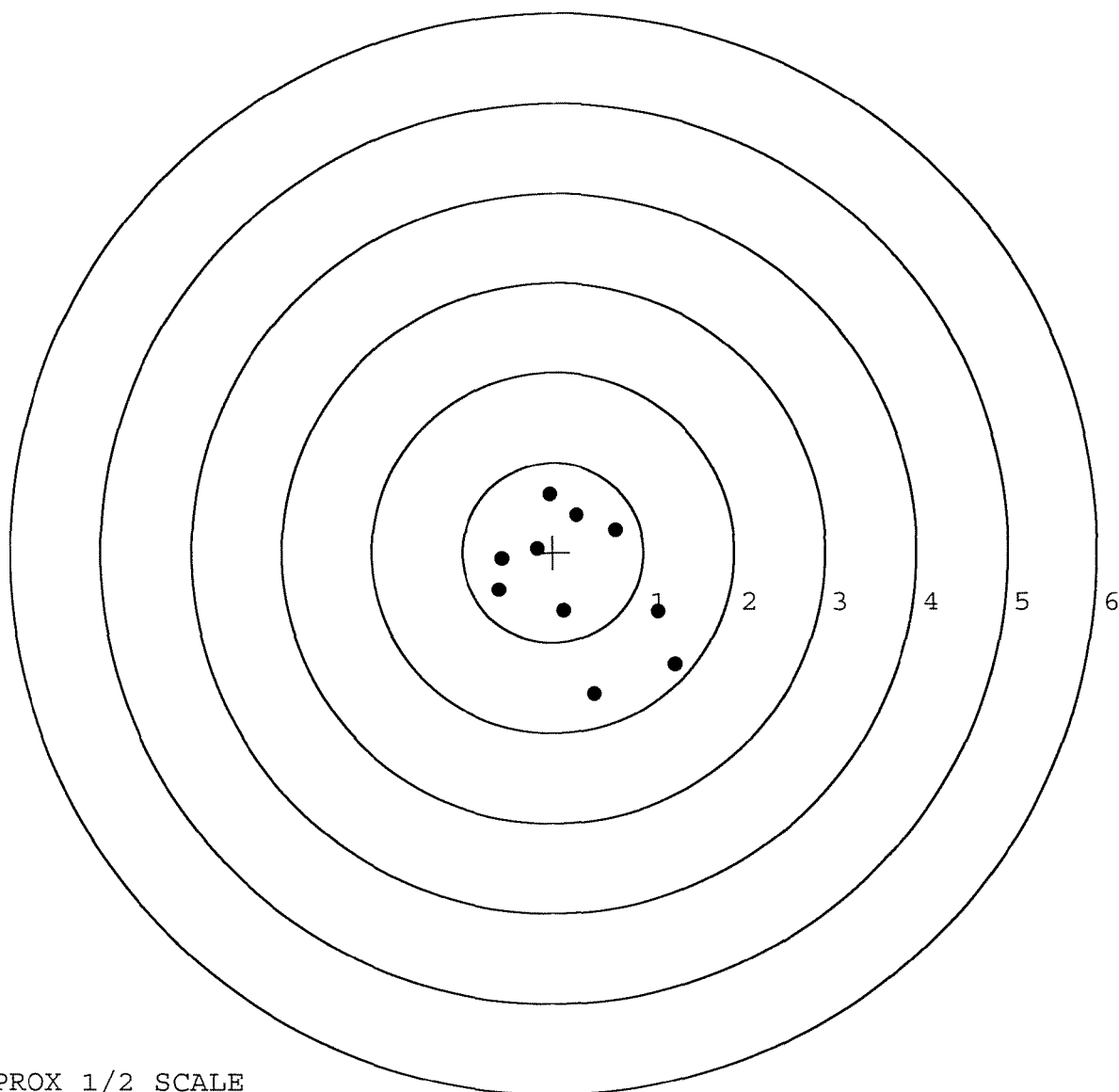


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349066. __0
TARGET NUMBER: 2
FILE DATE: 11/22/2005
FILE TIME: 22:24

X CENTROID: 0.266
Y CENTROID: -0.329
POA TO CENTROID: 0.423
HORZ SPREAD: 1.948
VERT SPREAD: 2.210
GROUP SPREAD: 2.350
MIN RADIUS: 0.359
MAX RADIUS: 1.424
MEAN RADIUS: 0.879
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.178	0.045
2:	-0.561	-0.072
3:	-0.599	-0.419
4:	-0.043	0.640
5:	0.254	0.411
6:	0.692	0.250
7:	0.115	-0.654
8:	1.165	-0.664
9:	1.349	-1.253
10:	0.464	-1.570

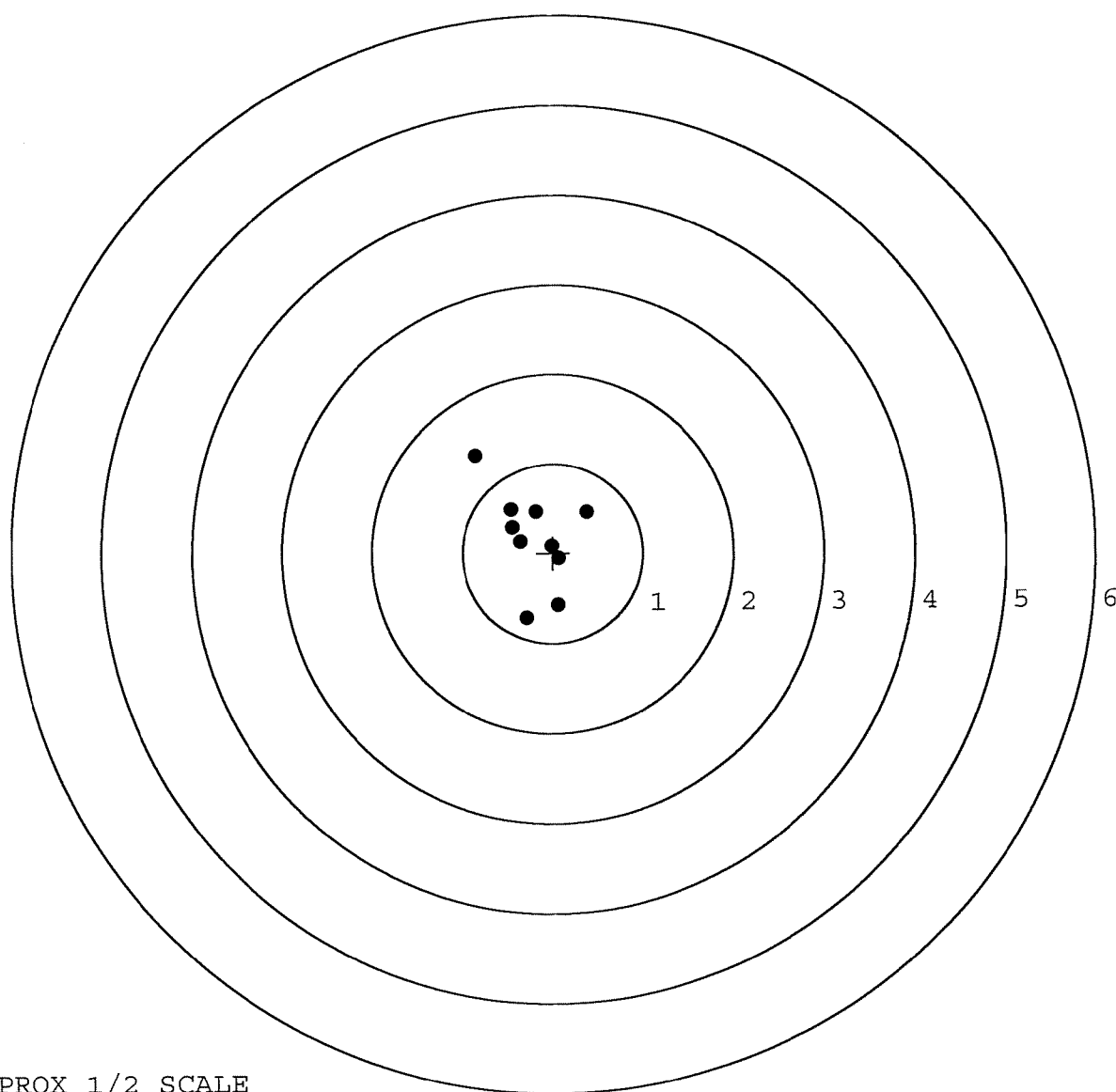


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349066. __0
TARGET NUMBER: 3
FILE DATE: 11/22/2005
FILE TIME: 22:24

X CENTROID: -0.212
Y CENTROID: 0.164
POA TO CENTROID: 0.268
HORZ SPREAD: 1.229
VERT SPREAD: 1.822
GROUP SPREAD: 1.908
MIN RADIUS: 0.157
MAX RADIUS: 1.129
MEAN RADIUS: 0.519
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.059	-0.582
2:	-0.296	-0.725
3:	0.063	-0.065
4:	-0.014	0.079
5:	0.381	0.456
6:	-0.189	0.463
7:	-0.464	0.488
8:	-0.449	0.293
9:	-0.366	0.132
10:	-0.848	1.097



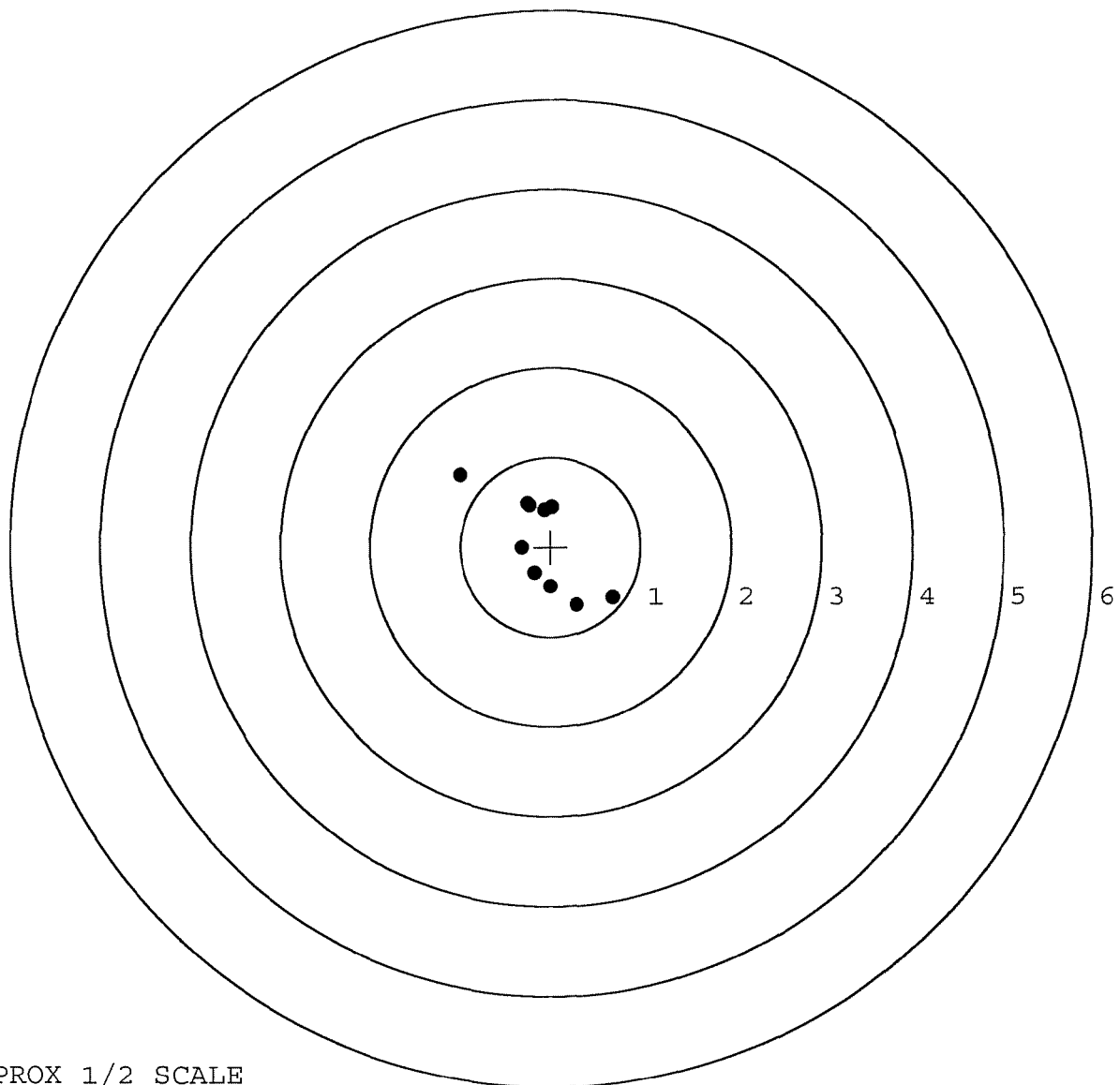
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349066.___0
TARGET NUMBER: 4
FILE DATE: 11/22/2005
FILE TIME: 22:24

X CENTROID: -0.113
Y CENTROID: 0.064
POA TO CENTROID: 0.130
HORZ SPREAD: 1.696
VERT SPREAD: 1.435
GROUP SPREAD: 2.172
MIN RADIUS: 0.225
MAX RADIUS: 1.152
MEAN RADIUS: 0.569

IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.079	0.407
2:	-0.264	0.480
3:	-0.325	-0.010
4:	-0.182	-0.289
5:	-0.013	-0.443
6:	0.288	-0.641
7:	0.692	-0.563
8:	-1.004	0.794
9:	-0.246	0.465
10:	0.007	0.441

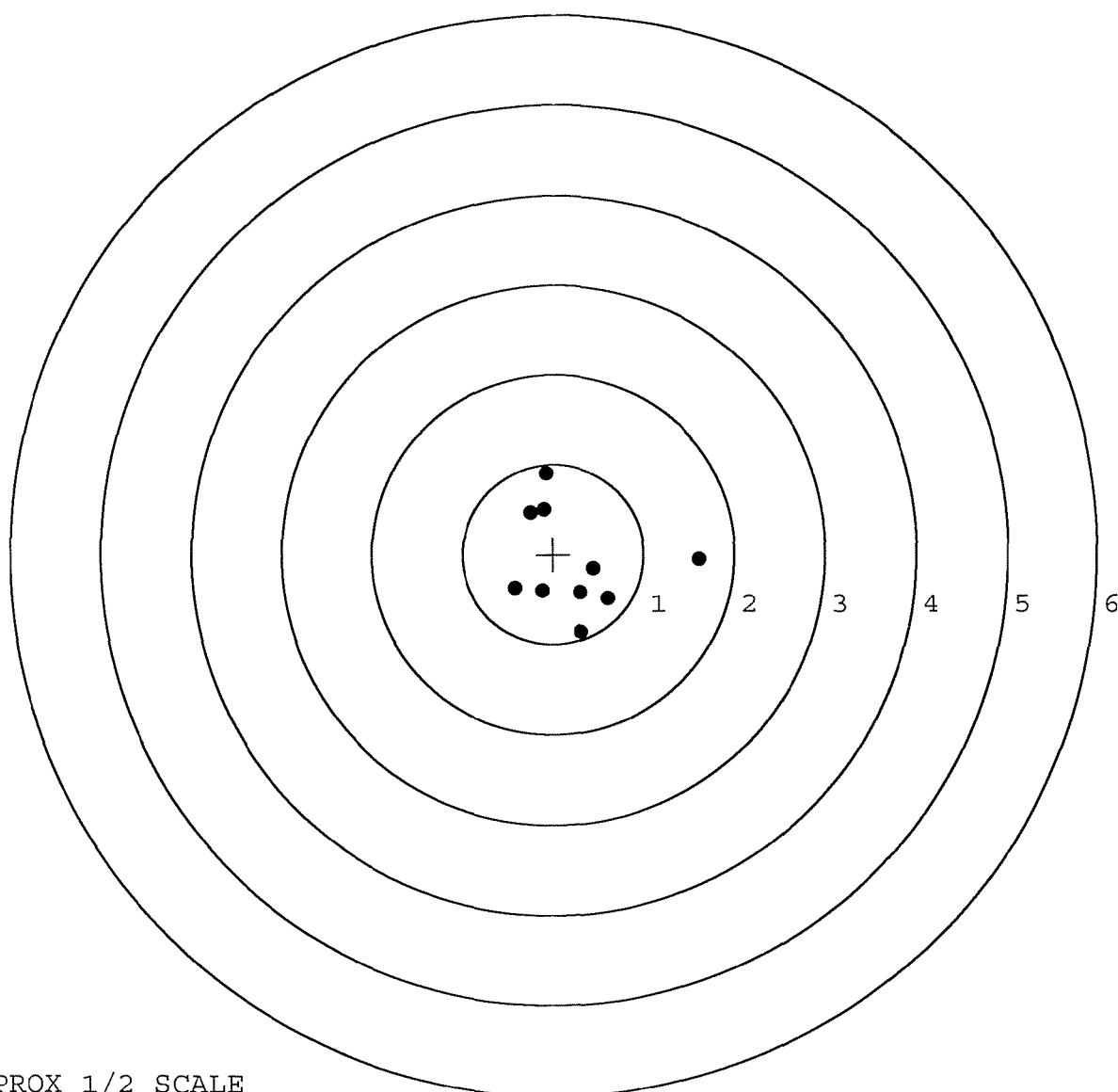


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349066. __0
TARGET NUMBER: 5
FILE DATE: 11/22/2005
FILE TIME: 22:24

X CENTROID: 0.230
Y CENTROID: -0.093
POA TO CENTROID: 0.248
HORZ SPREAD: 2.045
VERT SPREAD: 1.769
GROUP SPREAD: 2.069
MIN RADIUS: 0.228
MAX RADIUS: 1.390
MEAN RADIUS: 0.693
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.305	-0.424
2:	0.613	-0.491
3:	0.308	-0.871
4:	-0.120	-0.408
5:	-0.425	-0.376
6:	-0.259	0.461
7:	-0.109	0.495
8:	-0.080	0.898
9:	1.620	-0.059
10:	0.450	-0.155



TARGET APPROX 1/2 SCALE

FORM-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	102799		
SERIAL NUMBER	CAMP SH-2BY C 6349066		
LOG-IN DATE	10-26-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIALS
550	DIS-ASSEMBLE GUN	11-02-05	AC
560 A	RE-BARREL	11-7-05	AC
B	DRILL AND TAP	11-11-05	BR
575	ASSEMBLE	11-14-05	CD
600	PROOF	11-14-05	CD
605	CHECK HEADSPACE	11-14-05	CD
610	DIS-ASSEMBLE GUN	11-14-05	CD
612	MAGNAFLUX OPERATOR	11-15-05	unab
615	ROLLMARK CALIBER	11-15-05	CW
618	ROTO-BLAST	11-16-05	LB
620	APPLY COATINGS	11-16-05	HP
625 A	FINAL ASSEMBLY	11-17-05	BC
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	11-23-05	AC
D	SAFETY "OFF" FORCE	11-23-05	AC
E	FIRING PIN INDENT	11-23-05	AC
640	TARGET	11-23-05	nom
655	FINAL INSPECT	11-23-05	AC
660	PACK	12-2-05	ON
		SHIP DATE	
QAR INSPECTION DATE			

Remington [®]		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM H24		SERIAL NO. C6349066	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	
 5716 C6349066			

UPC



0 47700 25716 7

RC-15
replaced

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349066

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12	90	RW
600	Proof	1 12	90	K
607	Check Headspace	1 12	90	K
610	Dis-assemble Gun	1 12	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber	1-17-90		GS
617	Drill and Tap Sight Holes	1-19-90		FB
618	Polish Barrel ROB	1-22-90		WB
620	Apply Coatings (Barrel Action)		1-23-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/24/90 1/24/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/24/90	RW
	C) Inspect Ejector Hole for Chamfer		1/24/90	RW
	D) Oil Firing Pin Ass'y		1/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		31 Jan 90	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			1-31-90	guy
	G) Safety Off Force	3	3	3			1-31-90	guy
	H) Trigger Pull Test & Retainability						31 Mar 90	guy
	I) Firing Pin Indent	.0205	.0215	.0215			1-31-90	guy
	J) Assemble Stock						2/27/90	RW
	K) Assemble Swivel Studs						3/15/90	WB
	L) Attach Front and Rear Sight Assemblies						2/27/90	RW
	M) Iron Sight Alignment						2/27/90	RW
	N) Detach Front & Rear Sights & place in numbered container						2/27/90	RW
	O) Attach Scope to Rifle						2/28/90	WB
	P) Detach & Attach Scope 20 Times						2/28/90	WB
640	Gallery Target & Test						3-1-90	JFS
	A) Time							Temporary
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace						16 Mar 90	guy
	B) Trigger Pull	2.73	2.74	2.67	2.72	2.76	16 Mar 90	guy
	C) Function						16 Mar 90	guy
660	Pack						19 Mar 90	guy

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6349066

DATE 31 Jan 98

TESTER DS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.72	2.64	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.53	2.31	2.74	
PULL #3	2.38	2.38	2.24	2.67	
PULL #4	2.33	2.41	2.37	2.72	
PULL #5	2.56	2.43	2.32	2.76	
TOTAL	12.19	12.47	11.88	13.62	
AVG.	2.438	2.494	2.376	2.724	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.99	2.98		
PULL #2	3.04	3.04		
PULL #3	3.02	3.00		
PULL #4	2.94	2.91		
PULL #5	3.03	2.87		
TOTAL	15.02	14.80		
AVG.	3.004	2.96		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.09		3.93
PULL #2	4.19	4.12		3.85
PULL #3	4.20	4.06		4.00
PULL #4	4.16	4.10		3.94
PULL #5	4.21	4.08		3.94
TOTAL	20.90	20.45		19.66
AVG.	4.18	4.09		3.932

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349066
1 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.283558
1 TO	2	.53217
1 TO	3	.553206
1 TO	4	.280508
1 TO	5	.304385

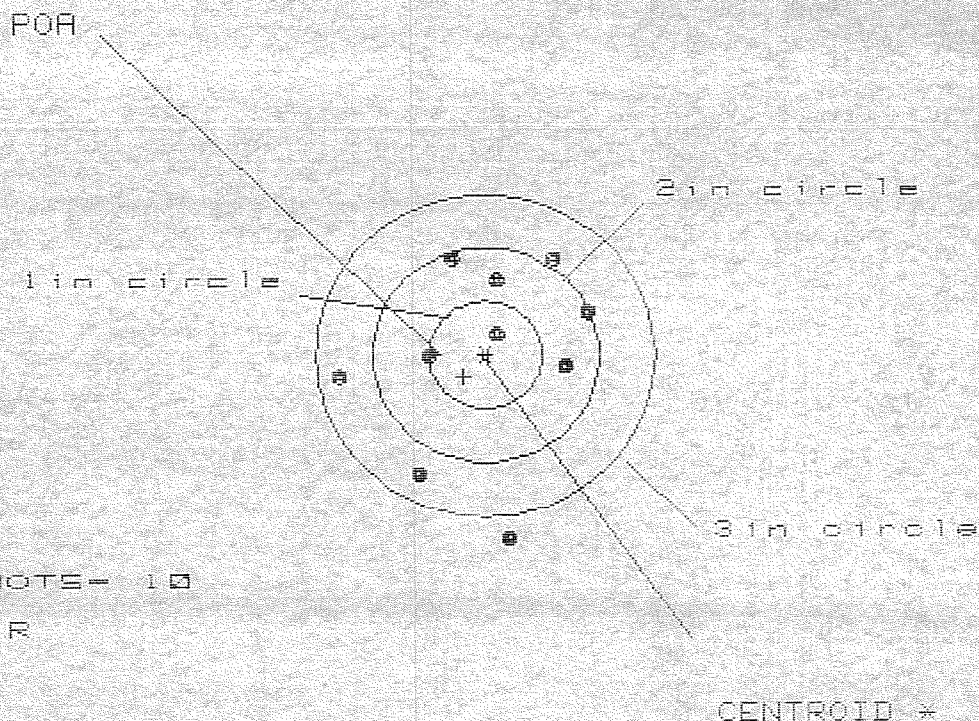
$\frac{5}{3+2}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1014
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0234
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .104065
THE AMR FOR THIS RIFLE IS: 1.045

1 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06349066

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.245

VS= 2.566

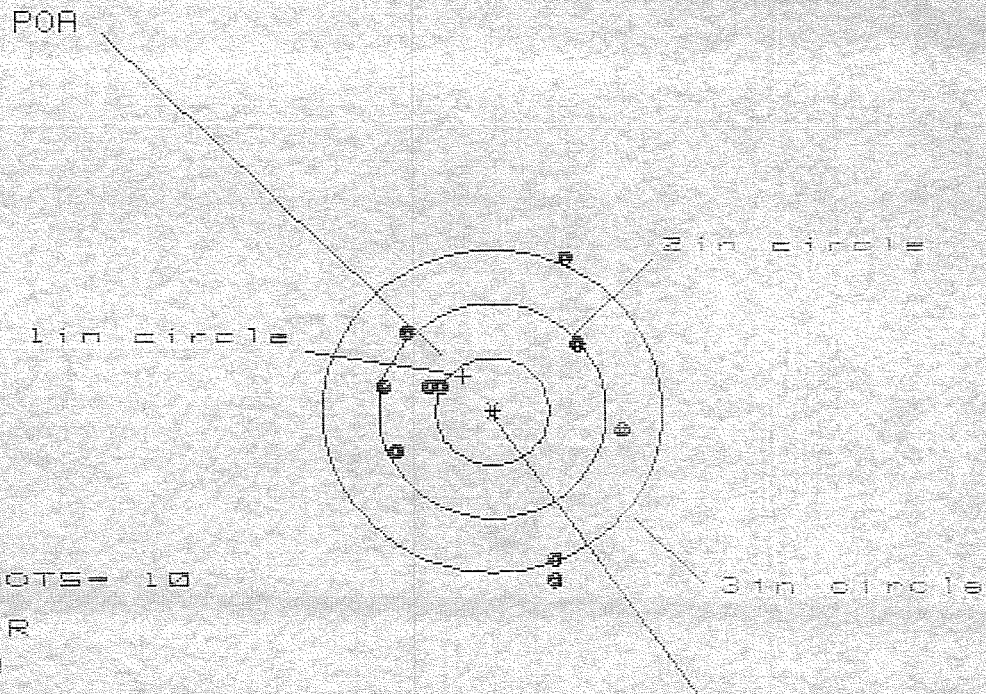
GS= 2.609

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.930	.953	.791
MINIMUM X	:	-1.315	-1.292	-1.712
MAXIMUM Y	:	.874	.686	.638
MINIMUM Y	:	-1.692	-1.313	-1.361
CENTROID X	:	.199	.176	.338
CENTROID Y	:	.202	.390	.438
POA TO CENTROID in.	:	.283	.428	.553
MIN RADIUS	:	.202	.137	.074
MEAN RADIUS	:	.948	.825	.731
MAX RADIUS	:	1.704	1.424	1.536
HORIZONTAL SPREAD	:	2.245	2.245	1.583
VERTICAL SPREAD	:	2.566	1.999	1.999
EXTREME SPREAD	:	2.609	2.334	2.323
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Mar 1998

FILE: \PATTERNING\CENTERFIRE_PATT\06349086

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 2.071

VS= 3.065

GS= 3.068

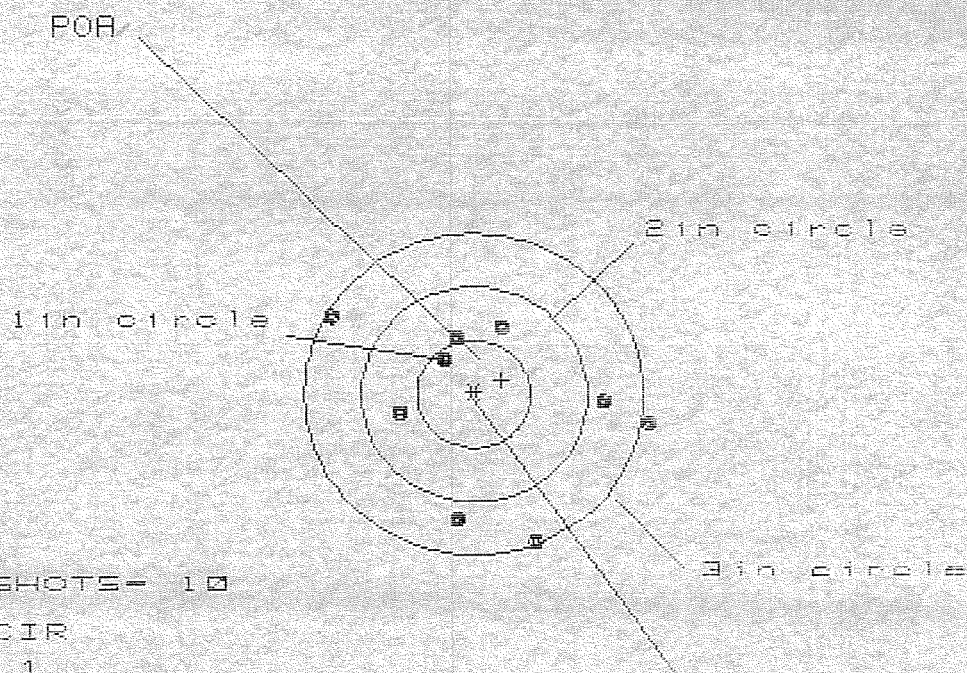
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.138	1.198	1.291
MINIMUM X	:	-.933	-.873	-.780
MAXIMUM Y	:	1.473	1.296	.752
MINIMUM Y	:	-1.592	-1.568	-1.406
CENTROID X	:	.257	.197	.104
CENTROID Y	:	-.327	-.150	-.312
POA TO CENTROID in.	:	.416	.248	.329
MIN RADIUS	:	.532	.426	.390
MEAN RADIUS	:	1.095	.993	.913
MAX RADIUS	:	1.681	1.662	1.547
HORIZONTAL SPREAD	:	2.071	2.071	2.071
VERTICAL SPREAD	:	3.065	2.864	2.158
EXTREME SPREAD	:	3.068	2.870	2.496
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

1 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08349006

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.824

VS= 2.132

GS= 2.994

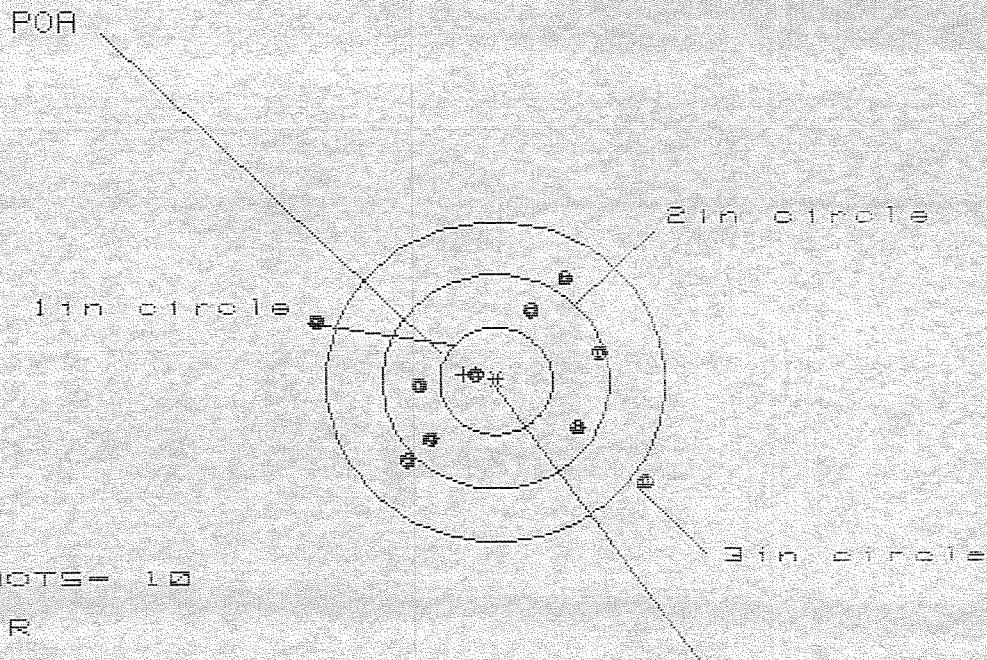
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.579	1.334	1.427
MINIMUM X	:	-1.246	-1.070	-0.977
MAXIMUM Y	:	.748	.721	.544
MINIMUM Y	:	-1.384	-1.411	-1.323
CENTROID X	:	-.242	-.418	-.511
CENTROID Y	:	-.132	-.105	.072
POA TO CENTROID in.	:	.276	.431	.516
MIN RADIUS	:	.424	.334	.158
MEAN RADIUS	:	1.064	.977	.849
MAX RADIUS	:	1.598	1.597	1.460
HORIZONTAL SPREAD	:	2.824	2.404	2.404
VERTICAL SPREAD	:	2.132	2.132	1.867
EXTREME SPREAD	:	2.994	2.802	2.551
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349068

CENTERFIRE PATTERNS # 4



* OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.872

VS= 1.905

GS= 3.235

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.282	1.106	.880
MINIMUM X	:	-1.590	-.996	-.858
MAXIMUM Y	:	.996	1.060	.955
MINIMUM Y	:	-.909	-.845	-.732
CENTROID X	:	.285	.461	.323
CENTROID Y	:	-.065	-.129	-.024
POA TO CENTROID in.	:	.292	.479	.324
MIN RADIUS	:	.192	.380	.217
MEAN RADIUS	:	.964	.887	.799
MAX RADIUS	:	1.692	1.391	1.128
HORIZONTAL SPREAD	:	2.872	2.102	1.738
VERTICAL SPREAD	:	1.905	1.905	1.687
EXTREME SPREAD	:	3.235	2.204	2.204
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

1 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349066

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 3.151

VS= 2.412

GS= 3.369

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.573	1.057	.882
MINIMUM X	:	-1.578	-1.404	-1.045
MAXIMUM Y	:	1.433	1.357	1.410
MINIMUM Y	:	-.978	-1.055	-1.002
CENTROID X	:	.008	-.166	.009
CENTROID Y	:	.439	.516	.463
POA TO CENTROID in.	:	.440	.542	.463
MIN RADIUS	:	.527	.706	.534
MEAN RADIUS	:	1.155	1.100	1.025
MAX RADIUS	:	1.718	1.466	1.448
HORIZONTAL SPREAD	:	3.151	2.461	1.927
VERTICAL SPREAD	:	2.412	2.412	2.412
EXTREME SPREAD	:	3.369	2.756	2.756
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		