

C6523432

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: RE00136216

Serial: C6523432 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 11/2/2007 10:17:28 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: BARRY MOBERLY

BARRY MOBERLY

Address 1: L-3 COMMUNICATIONS

L-3 COMMUNICATIONS

Address 2: 5749 BRIAR HILL RD BLDG 221

PO Box:

5749 BRIAR HILL RD BLDG 221

PO Box:

City: LEXINGTON

LEXINGTON

State: KY

Zip Code: 40516

Country: US

State: KY

Zip Code: 40516

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	3
A010	Hard Case	1
A026	Scope	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

11/2/2007

1:11 PM

CAPS

NUM

INS

SCRL

start

2 Mi...

5 Int...

4 Mi...

Part S...

longo...

Arms ...

1:11 PM

Serial Number: C6523432

Model: M24 SWS



RE00136216

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 136214
SERIAL NUMBER C6523432
LOG-IN DATE 11-2-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-9-08	RTZ
505	RE-BARREL	7-9-08	RTZ
560	ASSEMBLE	7-10-08	RTZ
600	PROOF	7-10-08	SD
605	CHECK HEADSPACE	7-10-08	SD
610	DIS-ASSEMBLE GUN	7-11-08	RTZ
612	MAGNAFLUX	7-11-08	(18)
510	DRILL AND TAP	7-11-08	SP
615	ROLLMARK CALIBER	7-15-08	RT
618	ROTO-BLAST	7-17-08	CR
620	APPLY COATINGS	7-24-08	RTZ
625	FINAL ASSEMBLY	7-24-08	RTZ
640	FUNCTION TEST AND	9-2-08	SP
650	TARGET	9-2-08	SP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-6-08	TC
	A) HEADSPACE	9-8-08	RTZ
		9-8-08	RTZ
	B) TRIGGER PULL	2.42 2.42 2.42 2.19 2.27 9808	CR
680	F) SAFETY ON FORCE	6.0 6.0 6.0 9808	RTZ
	G) SAFETY OFF FORCE	4.0 4.0 4.0 9808	RTZ
	I) FIRING PIN INDENT	0.24 0.24 0.24 9808	RTZ
690	PACK	9-9-08	TC

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523432.___0
FILE DATE AND TIME: 09/03/2008 10:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.047
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.066
The Average Mean Radius of the Five Target Set:	0.798
The Distance from POA to Centroid Target #1:	0.064
The Distance from Centroid Target #2 to Centroid Target #1:	0.285
The Distance from Centroid Target #3 to Centroid Target #1:	0.157
The Distance from Centroid Target #4 to Centroid Target #1:	0.180
The Distance from Centroid Target #5 to Centroid Target #1:	0.046

BARBER - M24 0027966

SERIAL NUMBER: C6523432. __0

TARGET NUMBER: 1

FILE DATE: 09/03/2008

FILE TIME: 10:50

X CENTROID: -0.026

Y CENTROID: -0.059

POA TO CENTROID: 0.064

HORZ SPREAD: 2.152

VERT SPREAD: 3.472

GROUP SPREAD: 3.573

MIN RADIUS: 0.274

MAX RADIUS: 2.379

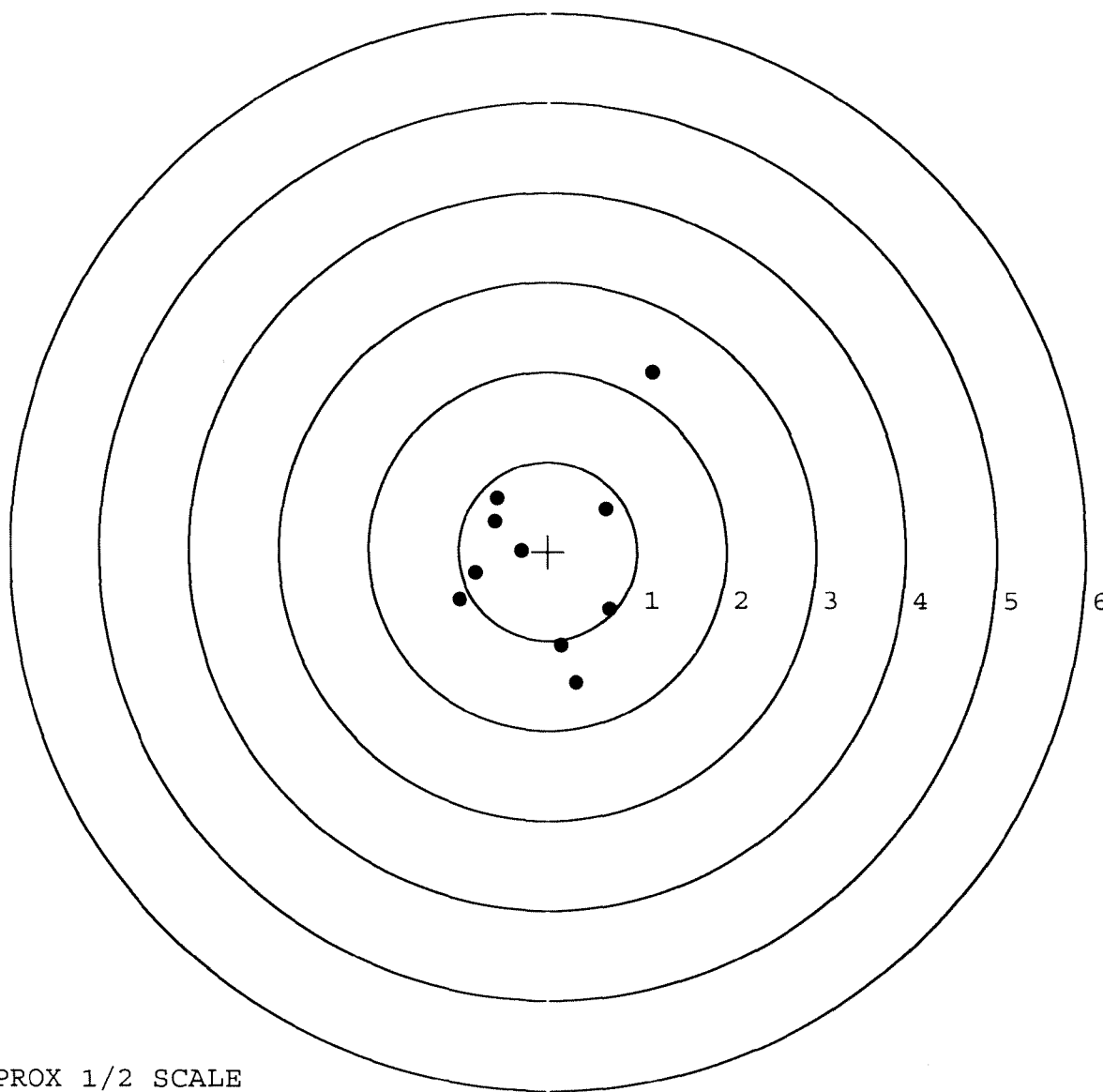
MEAN RADIUS: 1.033

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.984	-0.553
2:	-0.808	-0.244
3:	0.325	-1.473
4:	0.147	-1.058
5:	0.700	-0.649
6:	0.647	0.474
7:	-0.294	-0.003
8:	-0.590	0.330
9:	-0.568	0.587
10:	1.168	1.999

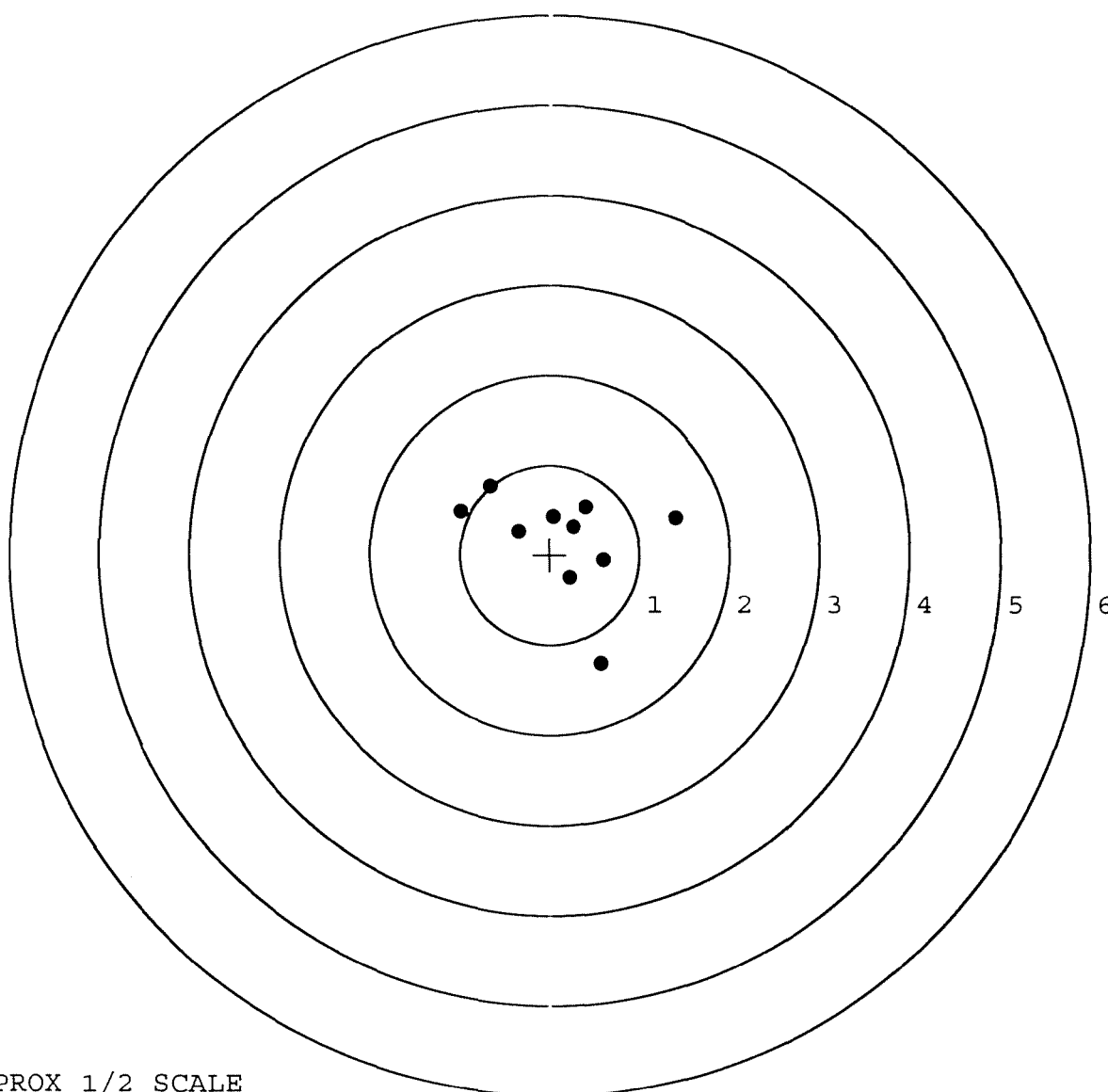


TARGET APPROX 1/2 SCALE

BARBER - M24 0027967

SERIAL NUMBER: C6523432. __0
TARGET NUMBER: 2
FILE DATE: 09/03/2008
FILE TIME: 10:50

	POINT#	X	Y
	1:	0.579	-1.202
	2:	0.222	-0.256
	3:	0.602	-0.054
	4:	1.394	0.409
X CENTROID:	5:	0.403	0.535
Y CENTROID:	6:	0.266	0.309
POA TO CENTROID:	7:	0.035	0.423
HORZ SPREAD:	8:	-0.350	0.258
VERT SPREAD:	9:	-0.666	0.763
GROUP SPREAD:	10:	-0.994	0.478
MIN RADIUS:		0.184	
MAX RADIUS:		1.434	
MEAN RADIUS:		0.725	
# IN 1 IN DIAMETER:		4	
# IN 2 IN DIAMETER:		6	
# in 3 IN DIAMETER:		10	

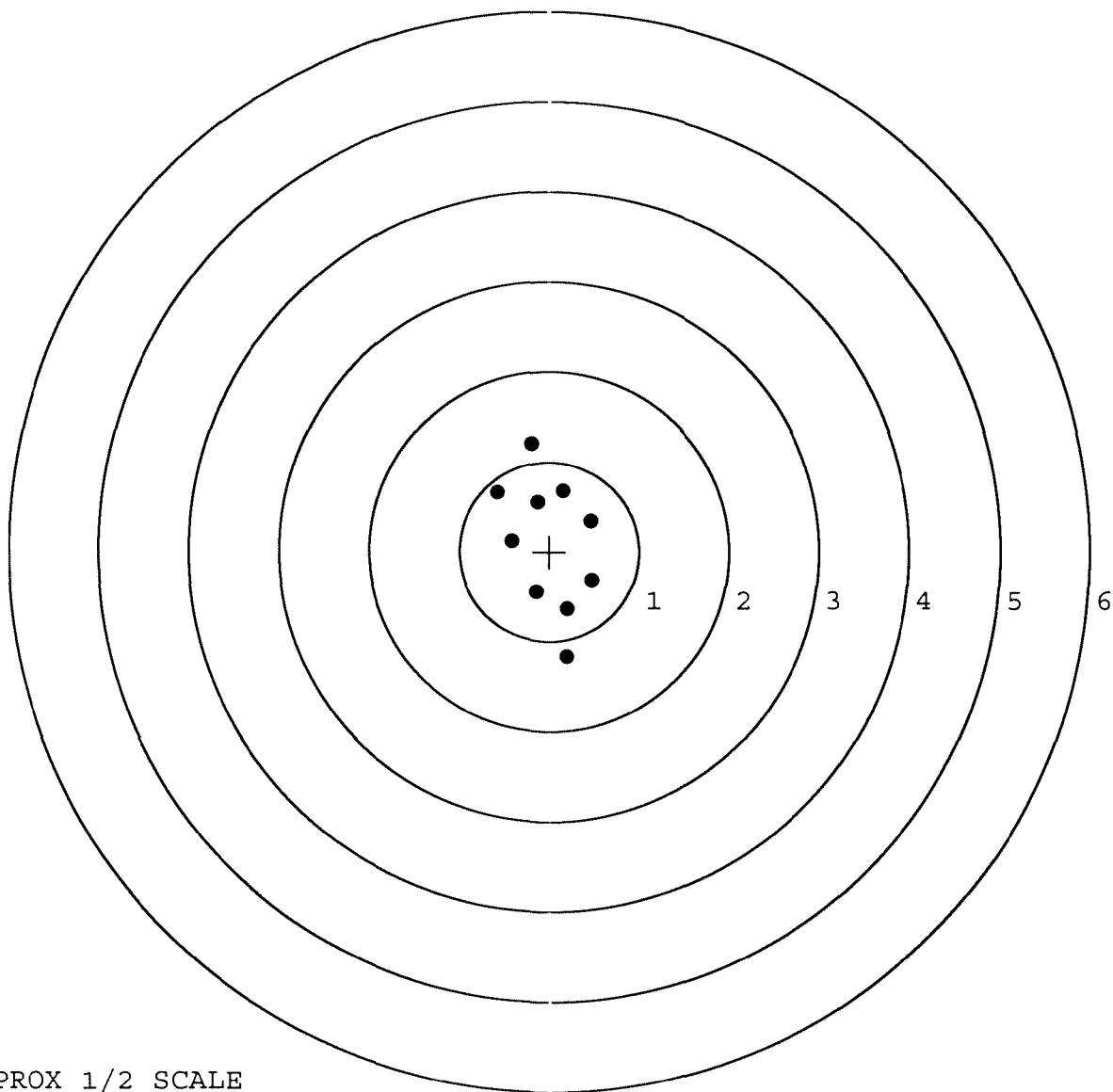


TARGET APPROX 1/2 SCALE

BARBER - M24 0027968

SERIAL NUMBER: C6523432. __0
TARGET NUMBER: 3
FILE DATE: 09/03/2008
FILE TIME: 10:50

		POINT#	X	Y
		1:	0.196	-1.177
		2:	0.206	-0.645
		3:	0.476	-0.323
		4:	-0.146	-0.457
X CENTROID:	0.004	5:	0.471	0.346
Y CENTROID:	0.095	6:	0.156	0.679
POA TO CENTROID:	0.095	7:	-0.127	0.549
HORZ SPREAD:	1.055	8:	-0.415	0.120
VERT SPREAD:	2.379	9:	-0.579	0.657
GROUP SPREAD:	2.411	10:	-0.196	1.202
MIN RADIUS:	0.420			
MAX RADIUS:	1.286			
MEAN RADIUS:	0.722			
# IN 1 IN DIAMETER:	2			
# IN 2 IN DIAMETER:	8			
# in 3 IN DIAMETER:	10			

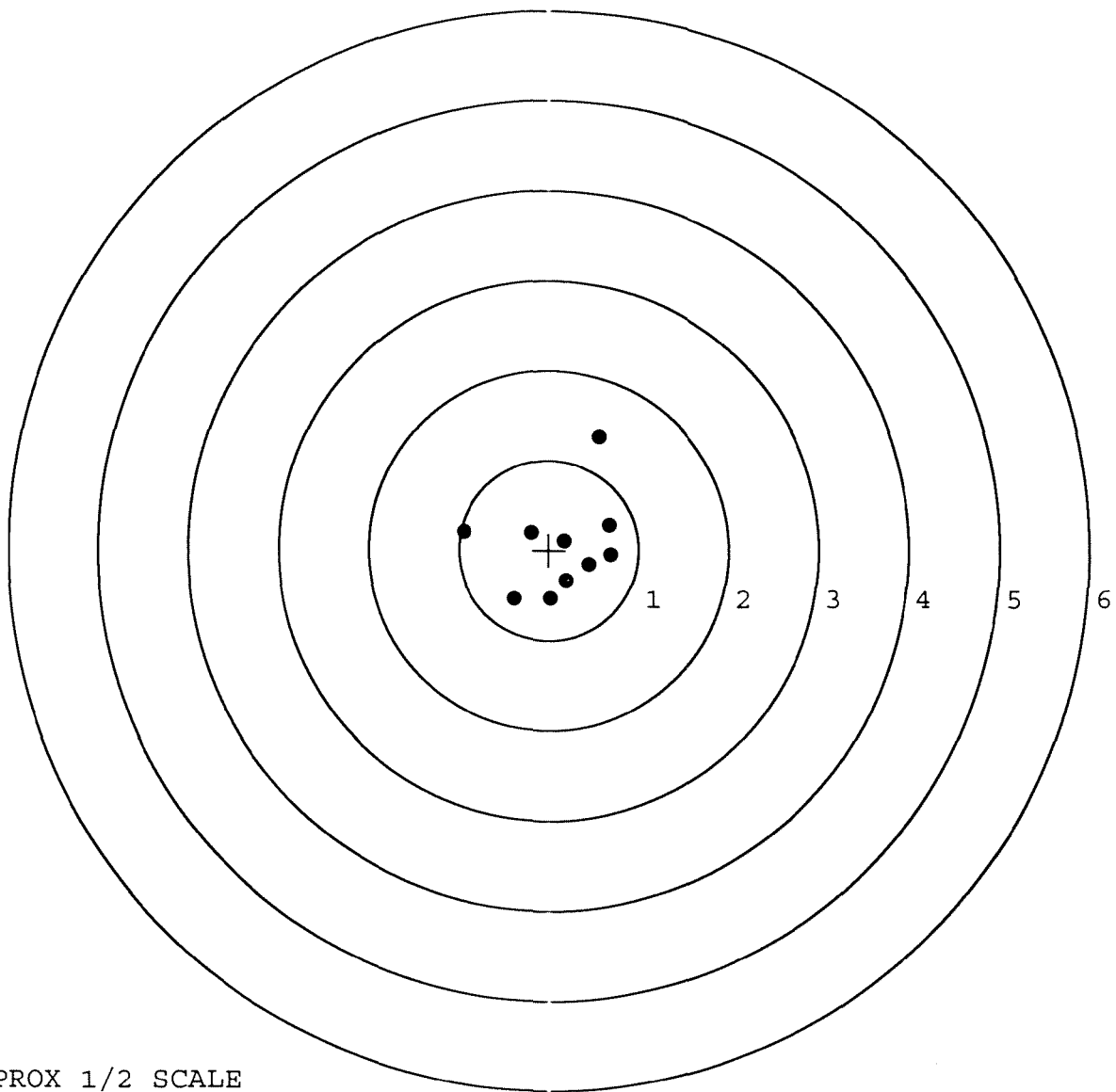


TARGET APPROX 1/2 SCALE

BARBER - M24 0027969

SERIAL NUMBER: C6523432. __0
TARGET NUMBER: 4
FILE DATE: 09/03/2008
FILE TIME: 10:50

	POINT#	X	Y
	1:	-0.384	-0.549
	2:	0.020	-0.543
	3:	0.191	-0.341
	4:	0.452	-0.163
X CENTROID:	5:	0.690	-0.057
Y CENTROID:	6:	0.679	0.279
POA TO CENTROID:	7:	0.172	0.103
HORZ SPREAD:	8:	-0.195	0.193
VERT SPREAD:	9:	-0.946	0.206
GROUP SPREAD:	10:	0.569	1.262
MIN RADIUS:		0.080	
MAX RADIUS:		1.301	
MEAN RADIUS:		0.614	
# IN 1 IN DIAMETER:		4	
# IN 2 IN DIAMETER:		8	
# in 3 IN DIAMETER:		10	



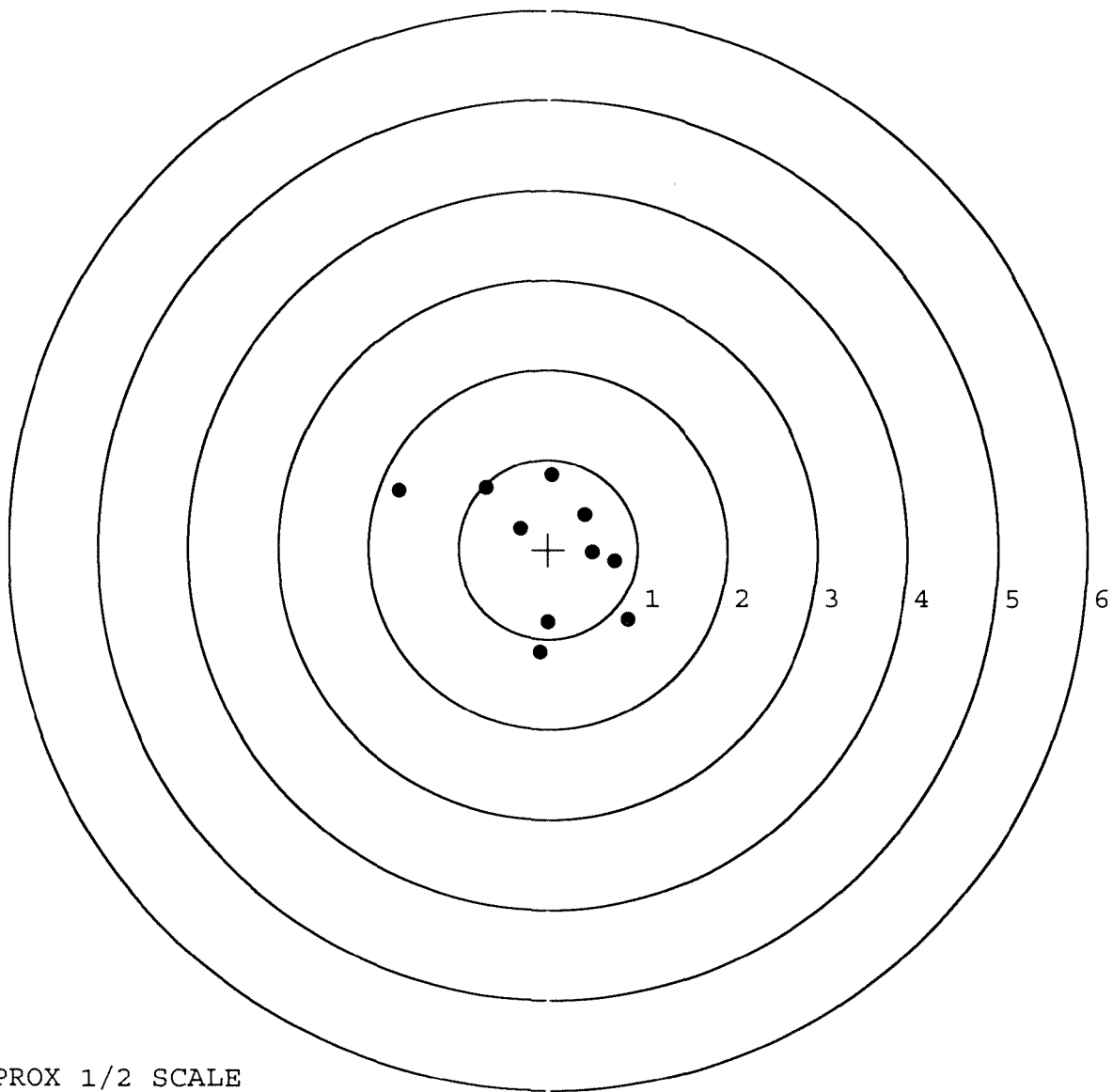
TARGET APPROX 1/2 SCALE

BARBER - M24 0027970

SERIAL NUMBER: C6523432. __0
TARGET NUMBER: 5
FILE DATE: 09/03/2008
FILE TIME: 10:50

	POINT#	X	Y
	1:	-0.091	-1.147
	2:	0.000	-0.819
	3:	0.897	-0.790
	4:	0.744	-0.132
	5:	0.494	-0.028
	6:	0.419	0.388
	7:	0.041	0.828
	8:	-0.313	0.232
	9:	-0.689	0.682
	10:	-1.666	0.650

X CENTROID: -0.016
Y CENTROID: -0.014
POA TO CENTROID: 0.021
HORZ SPREAD: 2.563
VERT SPREAD: 1.975
GROUP SPREAD: 2.940
MIN RADIUS: 0.385
MAX RADIUS: 1.778
MEAN RADIUS: 0.899
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

BARBER M24 0027971

COMMENTS

ORDER
R 94-18343

INITIALS FDC	CUSTOMER ORDER NO. DAAA09-92-C-0834		W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN Scope 89-0071		
DATE RECEIVED 06/11/94	DATE OPENED 06/11/94	DATE CODE	SERIAL NUMBER C6523432	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE					

FROM: COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO: COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

CUST NO: 098397 C.O.D.L.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA FRT
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												
Trigger Assy	173.71												
Scope Rep	119.43												
Clean/Insp/Rep	50.00												
	343.14												
<table border="1"> <tr> <td>REPAIRMAN</td> <td>PROOF</td> <td>CLEAN</td> <td>TEST AC</td> <td>TARGET</td> <td>PATTERN</td> </tr> <tr> <td>GALLERY TESTER</td> <td>DATE</td> <td>DATE</td> <td>DATE 11/2/95</td> <td>DATE</td> <td>DATE</td> </tr> </table>		REPAIRMAN	PROOF	CLEAN	TEST AC	TARGET	PATTERN	GALLERY TESTER	DATE	DATE	DATE 11/2/95	DATE	DATE
REPAIRMAN	PROOF	CLEAN	TEST AC	TARGET	PATTERN								
GALLERY TESTER	DATE	DATE	DATE 11/2/95	DATE	DATE								

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0027971 28010

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523432

DATE _____

TESTER Rw

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.71	2.38	2.51		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.74	2.50	2.51		
PULL #3	2.71	2.36	2.44		
PULL #4	2.88	2.48	2.48		
PULL #5	2.84	2.54	2.58		
TOTAL	13.88	12.26	12.52		
AVG.	2.78	2.45	2.50		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.13		
PULL #2	3.29	3.10		
PULL #3	3.32	3.15		
PULL #4	3.32	3.20		
PULL #5	3.22	3.17		
TOTAL	16.35	15.75		
AVG.	3.27	3.15		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.12		4.19
PULL #2	4.11	4.12		4.00
PULL #3	4.14	4.31		4.11
PULL #4	4.30	4.28		4.17
PULL #5	4.18	4.20		4.24
TOTAL	20.86	21.03		20.71
AVG.	4.17	4.21		4.14

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 652 3432

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			

BARBER - M24 0027974

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			11/28	WLB
	G) Safety Off Force	3 3/4	3 3/4	3 3/4			11/28	WLB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	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	2.39	2.43	2.49	2.39	2.39	11/28	WLB
	C) Function							
660	Pack							

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. C6523432	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		Ø1	
 5716 C6523432			

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523432

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/4/90	KA
600	Proof		10/4/90	KA
607	Check Headspace		10/4/90	KA
610	Dis-assemble Gun		10/4/90	KA
612	Magnaflux Barrel Action		10/9/90	K/R
	Magnaflux Bolt		10/9/90	K/R
615	Rollmark Caliber		10/9/90	SL
617	Drill and Tap Sight Holes		10/11/90	WB
618	Polish Barrel <i>WB</i>		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-18-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/19/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/19/90	WB
	C) Inspect Ejector Hole for Chamfer		10/19/90	WB
	D) Oil Firing Pin Ass'y		10/19/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/90	SL

op. #	BARBER - M24 0027977 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5.25	5.0	4.75			11-2-90	KT
	G) Safety Off Force	3.0	3.25	3.75			11-2-90	KT
	H) Trigger Pull Test & Retainability						11-5-90	JLC
	I) Firing Pin Indent	.024	.025	.025			11-2-90	KT
	J) Assemble Stock						11-5-90	KL
	K) Assemble Swivel Studs						11-19-90	DH
	L) Attach Front and Rear Sight Assemblies						11-5/90	KL
	M) Iron Sight Alignment						11-5/90	KL
	N) Detach Front & Rear Sights & place in numbered container						11-5/90	KL
	O) Attach Scope to Rifle						11/5/90	KL
	P) Detach & Attach Scope 20 Times						11/5/90	KL
640	Gallery Target & Test						11-6-90	KT
	A) Time						11-6-90	KT
	B) Malfunctions						11-6-90	KT
	C) Pierced Primers						11-6-90	KT
	D) Optical Clarity of Scope						11-6-90	KT
645	Inspect for Live Ammo						11-6-90	KT
655	Final Inspection						11-19-90	DH
	A) Headspace						11-19-90	DH
	B) Trigger Pull	2.21	2.15	2.11	2.16	2.08	11-19-90	DH
	C) Function						11-19-90	DH
660	Pack						12-17-90	DH

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

SERIAL NO. C6523432DATE 11-5-90TESTER JG

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.19	2.33	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.21	2.33	2.15	
PULL #3	2.21	2.17	2.33	2.11	
PULL #4	2.21	2.33	2.28	2.14	
PULL #5	2.26	2.28	2.30	2.08	
TOTAL	11.19	11.18	11.57		
AVG.	2.238	2.236	2.314		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.12		
PULL #2	3.49	3.13		
PULL #3	3.47	3.22		
PULL #4	3.43	3.25		
PULL #5	3.41	3.11		
TOTAL	17.14	15.83		
AVG.	3.428	3.166		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.50		4.48
PULL #2	4.11	4.18		4.49
PULL #3	4.46	4.38		4.47
PULL #4	4.39	4.46		4.16
PULL #5	4.47	4.50		4.50
TOTAL	21.58	22.02		22.10
AVG.	4.316	4.404		4.42

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523432
7 Nov 1998

CENTROIDAL DISTANCES

0 TO	1	.342708
1 TO	2	.174642
1 TO	3	.308415
1 TO	4	.516462
1 TO	5	.394183

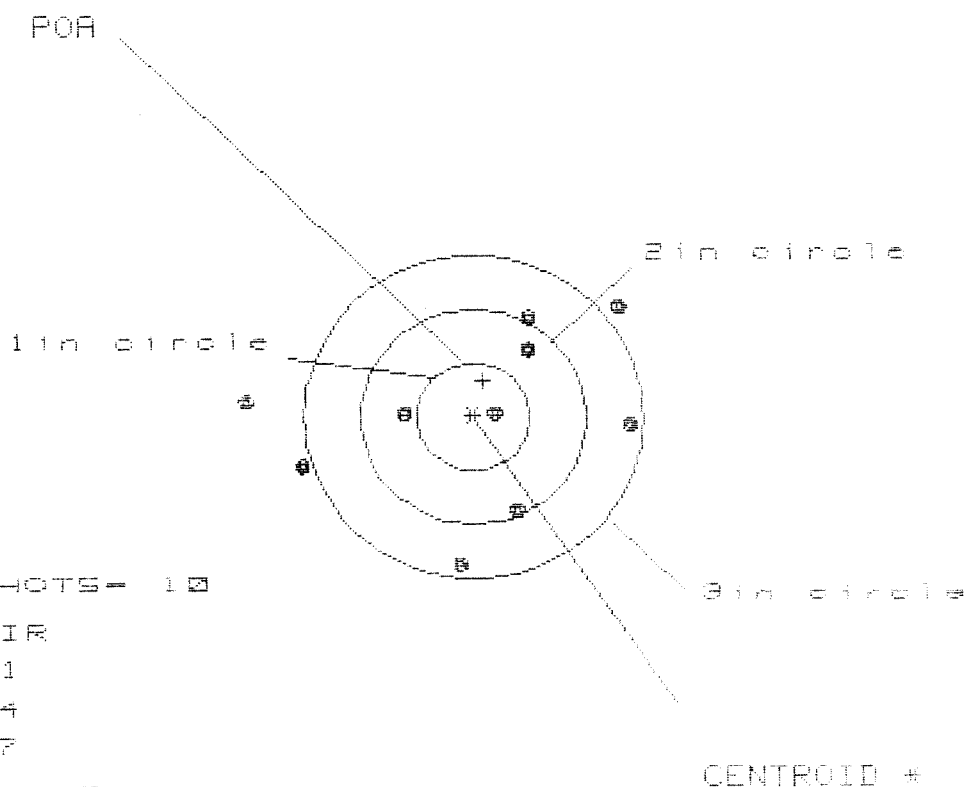
$\frac{E}{F} +$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .09
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1368
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .163751
THE AMR FOR THIS RIFLE IS: 1.032

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08529482

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 3.402

VS= 2.347

GS= 3.409

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.393	1.170	1.299
MINIMUM X	:	-2.009	-1.747	-1.618
MAXIMUM Y	:	1.010	1.025	1.086
MINIMUM Y	:	-1.337	-1.322	-1.194
CENTROID X	:	-.085	.138	.009
CENTROID Y	:	-.332	-.347	-.475
POA TO CENTROID in.	:	.343	.374	.475
MIN RADIUS	:	.206	.031	.191
MEAN RADIUS	:	1.154	1.019	.979
MAX RADIUS	:	2.014	1.810	1.654
HORIZONTAL SPREAD	:	3.402	2.917	2.917
VERTICAL SPREAD	:	2.347	2.347	2.280
EXTREME SPREAD	:	3.409	3.163	2.945
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

7 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523432

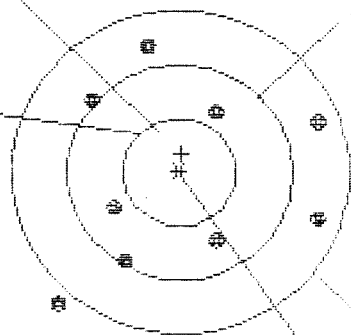
CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.347

VS= 2.464

GS= 2.863

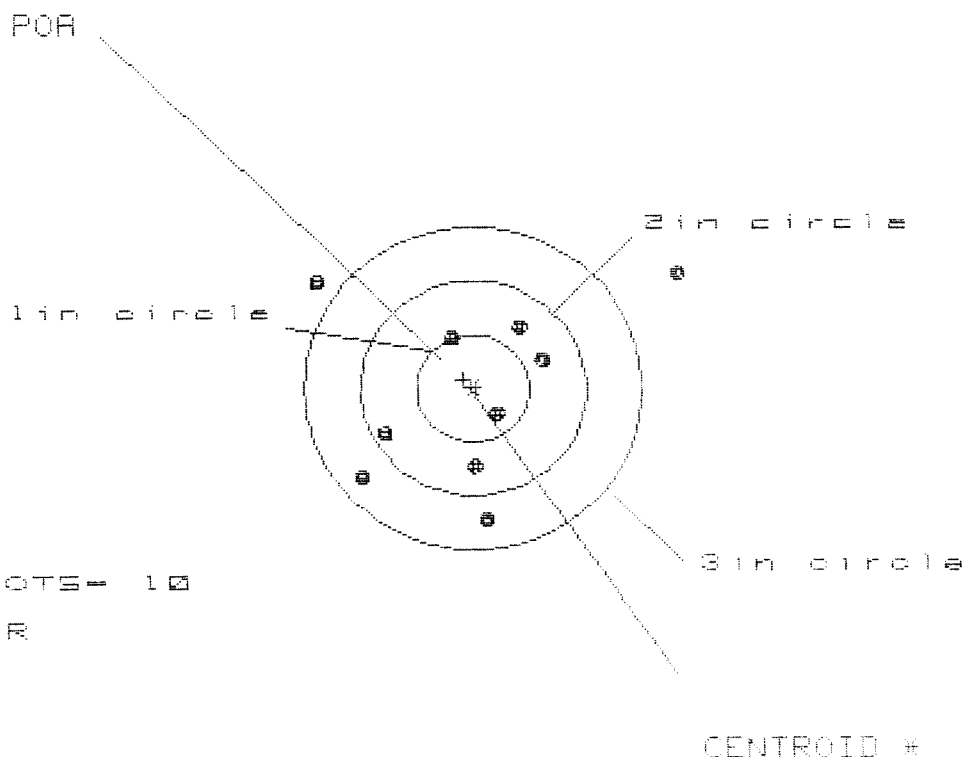
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.225	1.101	1.180
MINIMUM X	:	-1.122	-.874	-.737
MAXIMUM Y	:	1.201	1.061	.996
MINIMUM Y	:	-1.263	-.992	-1.057
CENTROID X	:	-.015	.109	-.028
CENTROID Y	:	-.172	-.032	.003
POA TO CENTROID in.	:	.173	.114	.044
MIN RADIUS	:	.603	.421	.446
MEAN RADIUS	:	1.007	.907	.859
MAX RADIUS	:	1.689	1.217	1.207
HORIZONTAL SPREAD	:	2.347	1.975	1.917
VERTICAL SPREAD	:	2.464	2.053	2.053
EXTREME SPREAD	:	2.863	2.260	2.142
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Nov 1990

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 3.138

VS = 2.235

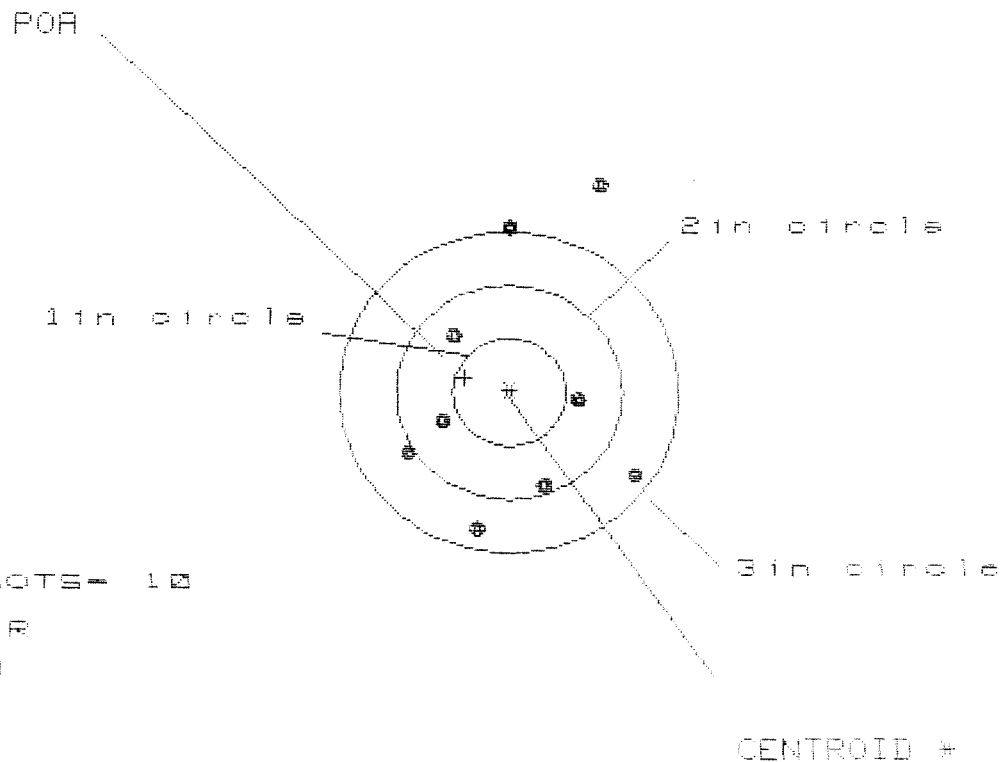
GS = 3.295

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.781	.845	.700
MINIMUM X	:	-1.357	-1.159	-.893
MAXIMUM Y	:	1.042	1.085	.804
MINIMUM Y	:	-1.193	-1.077	-.942
CENTROID X	:	.087	-.111	.034
CENTROID Y	:	-.076	-.192	-.327
POA TO CENTROID in.	:	.115	.221	.329
MIN RADIUS	:	.311	.445	.298
MEAN RADIUS	:	.990	.869	.749
MAX RADIUS	:	2.063	1.587	1.052
HORIZONTAL SPREAD	:	3.138	2.004	1.593
VERTICAL SPREAD	:	2.235	2.162	1.746
EXTREME SPREAD	:	3.295	2.629	1.933
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Nov 1988

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.019

VS= 3.119

GS= 3.326

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.082	1.173	1.190
MINIMUM X	:	-.937	-.846	-.829
MAXIMUM Y	:	1.893	1.794	1.018
MINIMUM Y	:	-1.226	-1.015	-.791
CENTROID X	:	.392	.301	.284
CENTROID Y	:	-.134	-.345	-.569
POA TO CENTROID in.	:	.414	.458	.636
MIN RADIUS	:	.627	.488	.496
MEAN RADIUS	:	1.100	.946	.811
MAX RADIUS	:	2.063	1.799	1.235
HORIZONTAL SPREAD	:	2.019	2.019	2.019
VERTICAL SPREAD	:	3.119	2.809	1.809
EXTREME SPREAD	:	3.326	2.835	2.084
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Nov 1998

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.164

VS = 2.266

GS = 2.417

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.314	.832	.824
MINIMUM X	-.851	-.765	-.713
MAXIMUM Y	1.033	1.013	.857
MINIMUM Y	-1.233	-1.253	-1.068
CENTROID X	.071	-.074	-.066
CENTROID Y	.030	.050	.206
POA TO CENTROID in.	.078	.089	.217
MIN RADIUS	.311	.308	.410
MEAN RADIUS	.909	.851	.788
MAX RADIUS	1.325	1.275	1.149
HORIZONTAL SPREAD	2.164	1.537	1.537
VERTICAL SPREAD	2.266	2.266	1.925
EXTREME SPREAD	2.417	2.417	2.254
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	