

C6611512

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: RE00142105

Serial: C6611512 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1991

Repairman:

Status: Closed 2/25/2008 10:50:00 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: FT. DRUM POLICE

FT. DRUM POLICE

Address 1:

Address 2:

PO Box:

PO Box:

City: FT. DRUM

FT. DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

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
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/26/2008

7:20 AM

NUM



Serial Number:

C6611512

Model: M24 SWS



RE00142105

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

R & E NUMBER

SERIAL NUMBER

LOG-IN DATE

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN		
505	RE-BARREL		
560	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
510	DRILL AND TAP		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625	FINAL ASSEMBLY		
640	FUNCTION TEST AND	(PASS) FAIL	2-26-08 TRW
650	TARGET 2-10 shot groups	(PASS) FAIL	2-26-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	2-26-08 P.P.D.
670	FINAL INSPECTION		2-26-08 OA
	A) HEADSPACE	(PASS) FAIL	2-27-08 OA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.43 2.46 2.40 2.45 2.38 2.2708 OA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 5.5 5.5 2-27-08 OA
	G) SAFETY OFF FORCE	2 LBS MAX	2.5 2.5 2.5 2-27-08 OA
	I) FIRING PIN INDENT	.020	.025 .025 .024 2-27-08 OA
690	PACK		2-27-08 OA

Arms Service Repair & Estimate System
BARBER - M24 0078040

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

Repair Inquiry

Repair Number: **RE00072253** Serial: C6611512 Model 700 Center Fire Caliber: 7 Repairman: _____
 Verify Repair 62 NATO M24 SWS Status: Closed 10/29/2003 10:51:13 AM

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: **DEPT OF ARMY** **DEPT OF ARMY**
 Address 1: **P 10715 MT BOLVODORO** **P 10715 MT BOLVODORO**
 Address 2: _____ PO Box: _____ PO Box: _____
 City: **FORT DRUM** **FORT DRUM**
 State: **NY** Zip Code: **13602** Country: **US** State: **NY** Zip Code: **13602** Country: **US**
 FFL: _____

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: _____
 Fax: _____
 Email: _____
 Comments: _____

Received Condition

Fair
 Condition Notes: _____
 CSR Notes: _____

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1

Repair Search Refresh Close

nagletj 10/29/2003 1:27 PM CAPS NUM INS SCRL
 start 3 micros Part Search My Exite 4 micros Arms Servi PE Login 1:27 PM

Serial Number: **C6611512**
 Model: **700**

RE00072253

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 11-4-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.31	2.22		2.53	
PULL #2	2.32	2.48		2.35	
PULL #3	2.51	2.22		2.61	
PULL #4	2.56	2.27		2.35	
PULL #5	2.62	2.48		2.44	
TOTAL	12.32	11.67		12.28	
AVERAGE	2.46	2.33		2.45	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.11		
PULL #2	3.07	3.12		
PULL #3	3.19	3.10		
PULL #4	3.21	3.17		
PULL #5	3.26	3.07		
TOTAL	15.86	15.57		
AVERAGE	3.17	3.11		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.43	4.38		4.07
PULL #2	4.40	4.39		4.23
PULL #3	4.13	4.46		4.24
PULL #4	4.14	4.39		4.15
PULL #5	4.09	4.38		4.21
TOTAL	21.19	22.00		20.90
AVERAGE	4.23	4.40		4.18

R & E NUMBER	72253		
SERIAL NUMBER	C6611512		
LOG-IN DATE	10-29-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-4-03	RTL
560 A	RE-BARREL	11-5-03	RTL
B	DRILL AND TAP	11-6-03	TRW
575	ASSEMBLE	11-5-03	RTL
600	PROOF	11-5-03	AC
605	CHECK HEADSPACE	11-5-03	AC
610	DIS-ASSEMBLE GUN	11-6-03	RTL
612	MAGNAFLUX OPERATOR	11-7-03	RTL
615	ROLLMARK CALIBER	11-7-03	RTL
618	ROTO-BLAST	11/7/2003	Dans
620	APPLY COATINGS	11-11	TH
625 A	FINAL ASSEMBLY	11-15-03	RTL
B	TRIGGER PULL TEST	12-16-03	RTL
C	SAFETY "ON" FORCE	12-16-03	RTL
D	SAFETY "OFF" FORCE	2-16-03	RTL
E	FIRING PIN INDENT		
640	TARGET	11-20-03	AC
655	FINAL INSPECT	12-17-03	BL
660	PACK	12-17-03	TH
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611512.___0

FILE DATE AND TIME: 11/20/2003 09:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.081
The Average Y Centroid of the Five Target Set:	0.008
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.527
The Distance from POA to Centroid Target #1:	0.242
The Distance from Centroid Target #2 to Centroid Target #1:	0.428
The Distance from Centroid Target #3 to Centroid Target #1:	0.157
The Distance from Centroid Target #4 to Centroid Target #1:	0.278
The Distance from Centroid Target #5 to Centroid Target #1:	0.336

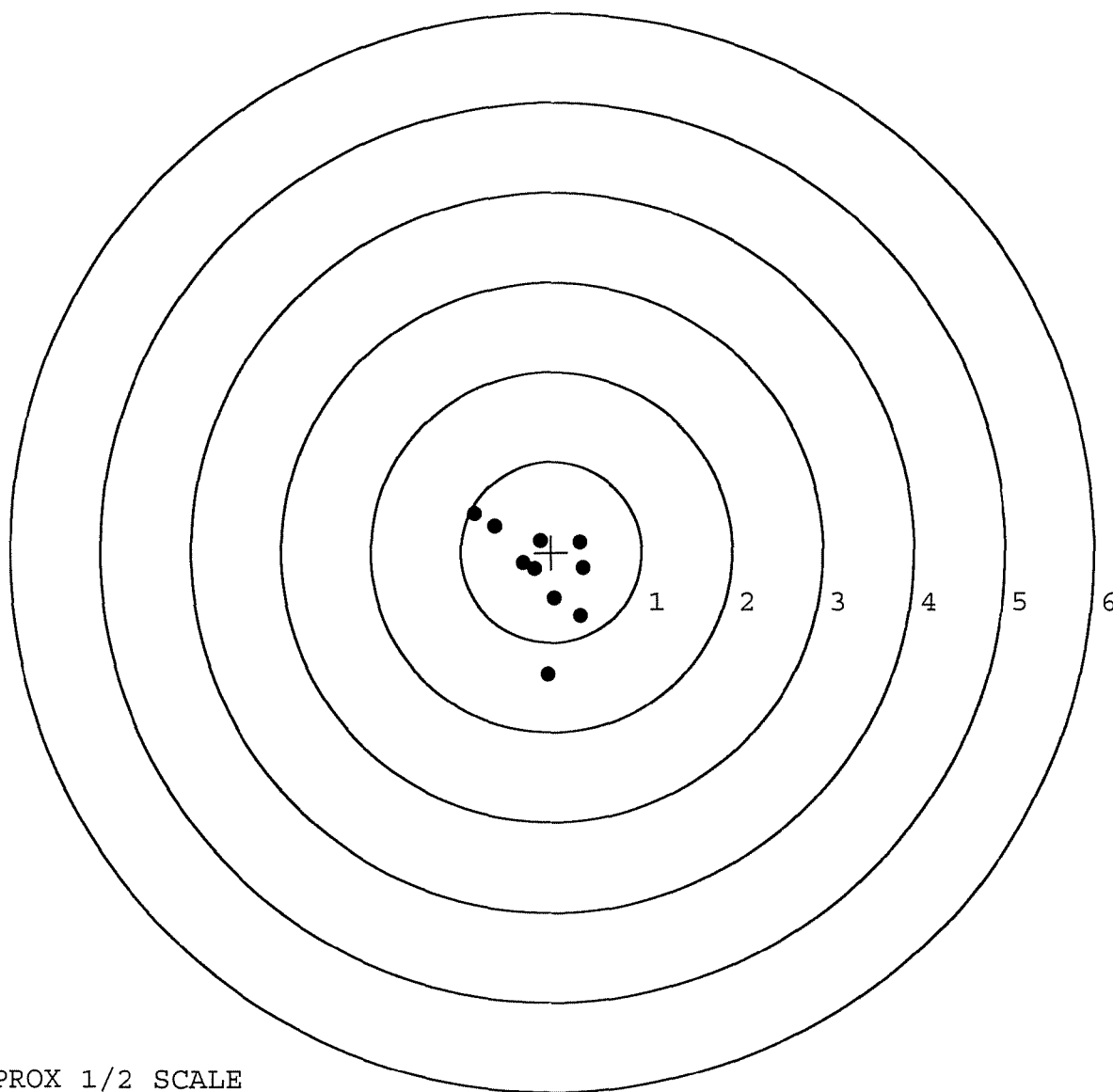
BARBER - M24 0078044

SERIAL NUMBER: C6611512. __0
TARGET NUMBER: 1
FILE DATE: 11/20/2003
FILE TIME: 09:27

X CENTROID: -0.112
Y CENTROID: -0.215
POA TO CENTROID: 0.242
HORZ SPREAD: 1.205
VERT SPREAD: 1.784
GROUP SPREAD: 1.961
MIN RADIUS: 0.081
MAX RADIUS: 1.150
MEAN RADIUS: 0.549

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.317	0.107
2:	0.356	-0.177
3:	0.027	-0.517
4:	0.330	-0.713
5:	-0.036	-1.362
6:	-0.190	-0.192
7:	-0.319	-0.124
8:	-0.131	0.121
9:	-0.627	0.287
10:	-0.849	0.422



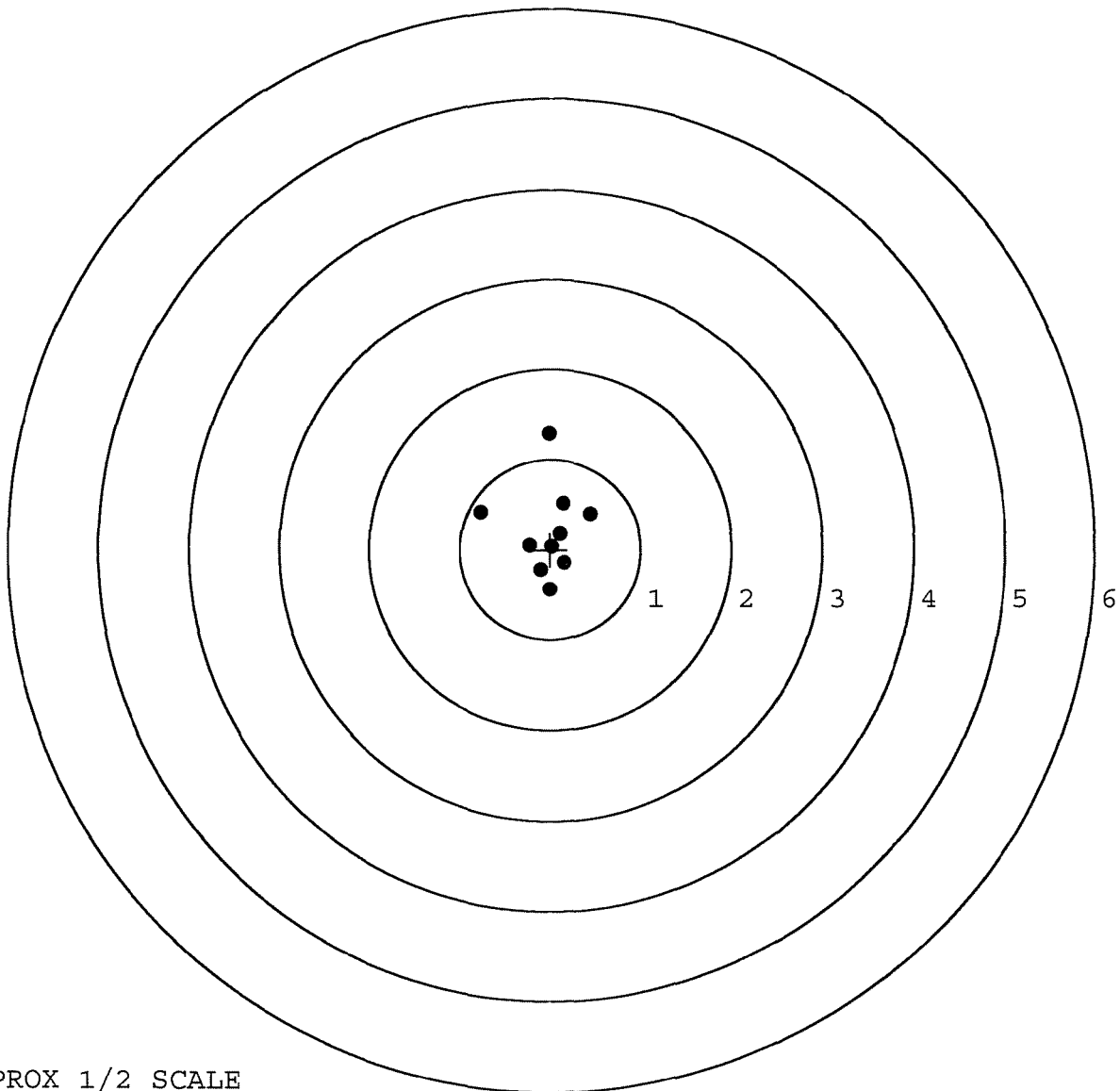
TARGET APPROX 1/2 SCALE

BARBER - M24 0078045

SERIAL NUMBER: C6611512. __0
 TARGET NUMBER: 2
 FILE DATE: 11/20/2003
 FILE TIME: 09:27

X CENTROID: -0.026
 Y CENTROID: 0.205
 POA TO CENTROID: 0.206
 HORZ SPREAD: 1.210
 VERT SPREAD: 1.731
 GROUP SPREAD: 1.731
 MIN RADIUS: 0.138
 MAX RADIUS: 1.077
 MEAN RADIUS: 0.477
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.016	1.282
2:	-0.767	0.417
3:	0.143	0.513
4:	0.443	0.400
5:	-0.231	0.050
6:	0.156	-0.149
7:	0.110	0.180
8:	-0.010	-0.449
9:	-0.109	-0.233
10:	0.019	0.037



TARGET APPROX 1/2 SCALE

BARBER - M24 0078046

SERIAL NUMBER: C6611512. __0

TARGET NUMBER: 3

FILE DATE: 11/20/2003

FILE TIME: 09:27

X CENTROID: 0.020

Y CENTROID: -0.130

POA TO CENTROID: 0.132

HORZ SPREAD: 0.562

VERT SPREAD: 1.052

GROUP SPREAD: 1.193

MIN RADIUS: 0.094

MAX RADIUS: 0.680

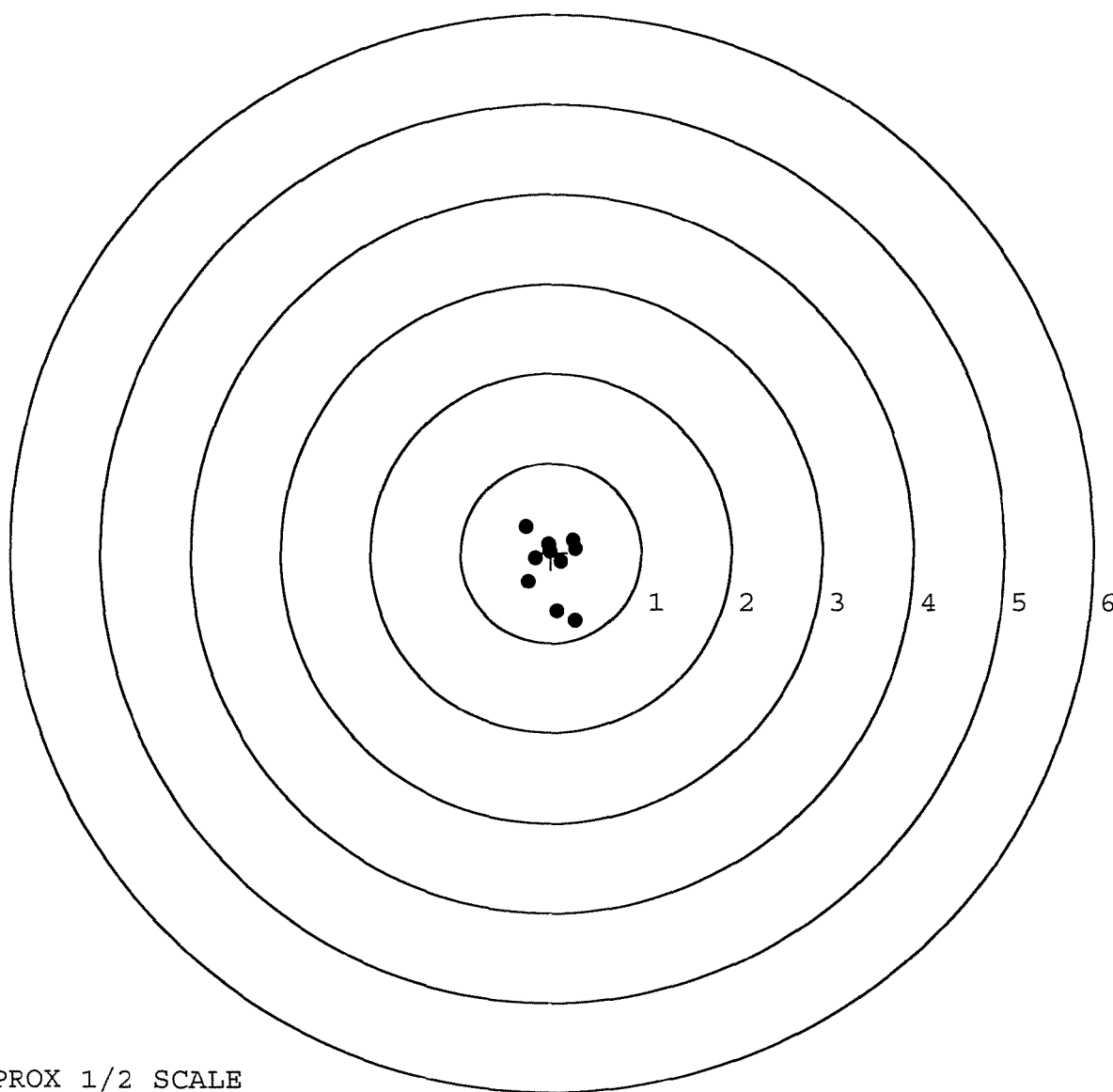
MEAN RADIUS: 0.341

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.278	-0.759
2:	0.060	-0.650
3:	0.242	0.143
4:	-0.027	0.096
5:	-0.284	0.293
6:	-0.179	-0.063
7:	-0.255	-0.324
8:	0.111	-0.105
9:	0.271	0.051
10:	-0.016	0.018



TARGET APPROX 1/2 SCALE

BARBER - M24 0078047

SERIAL NUMBER: C6611512. __0

TARGET NUMBER: 4

FILE DATE: 11/20/2003

FILE TIME: 09:27

X CENTROID: -0.127

Y CENTROID: 0.063

POA TO CENTROID: 0.141

HORZ SPREAD: 1.636

VERT SPREAD: 1.952

GROUP SPREAD: 2.335

MIN RADIUS: 0.206

MAX RADIUS: 1.291

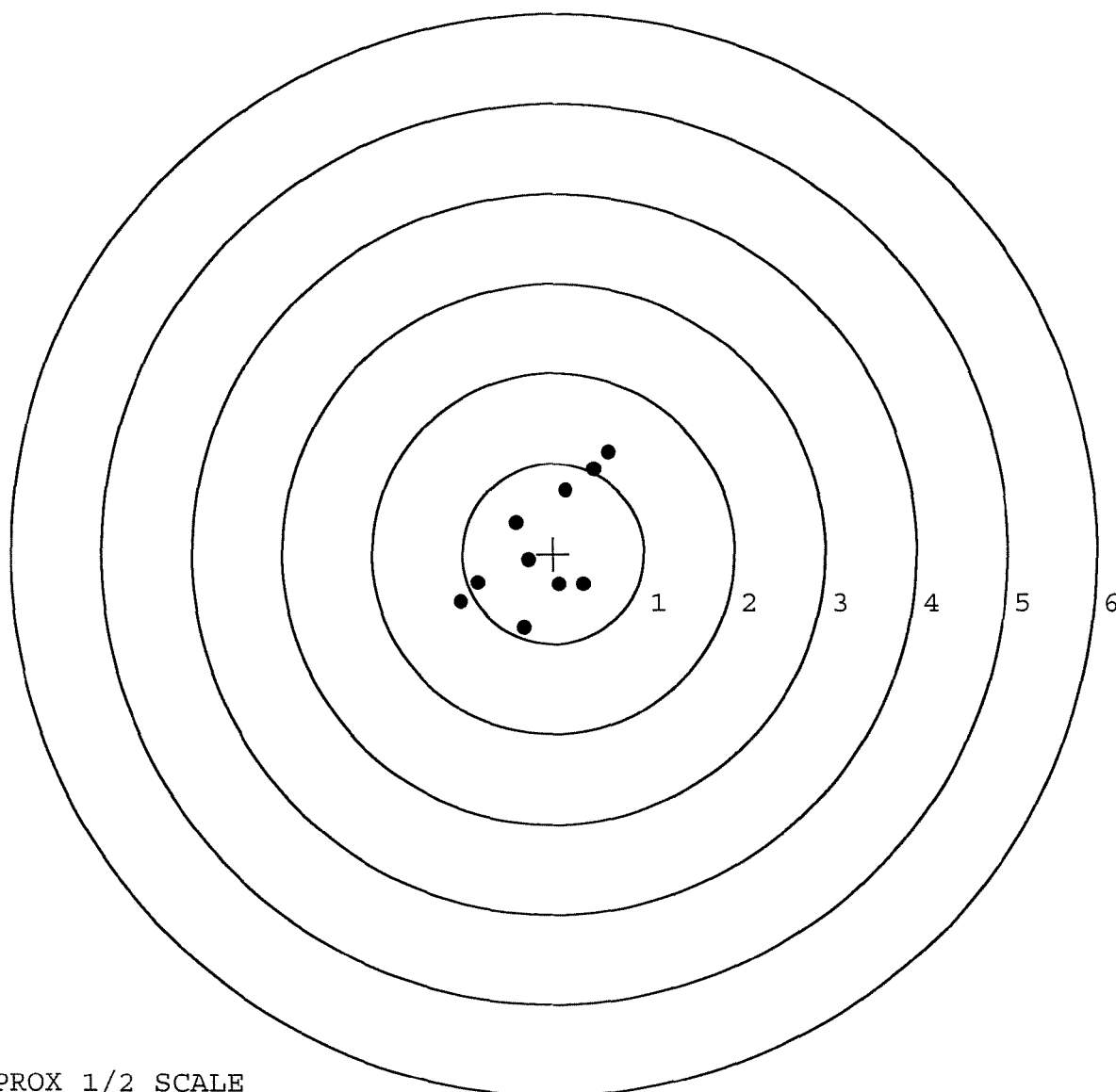
MEAN RADIUS: 0.751

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.612	1.121
2:	0.453	0.935
3:	0.133	0.703
4:	-0.414	0.345
5:	-0.277	-0.078
6:	-0.828	-0.332
7:	-1.024	-0.545
8:	0.343	-0.346
9:	0.060	-0.344
10:	-0.326	-0.831



TARGET APPROX 1/2 SCALE

BARBER - M24 0078048

SERIAL NUMBER: C6611512. __0

TARGET NUMBER: 5

FILE DATE: 11/20/2003

FILE TIME: 09:27

X CENTROID: -0.162

Y CENTROID: 0.118

POA TO CENTROID: 0.201

HORZ SPREAD: 1.371

VERT SPREAD: 1.418

GROUP SPREAD: 1.471

MIN RADIUS: 0.025

MAX RADIUS: 0.853

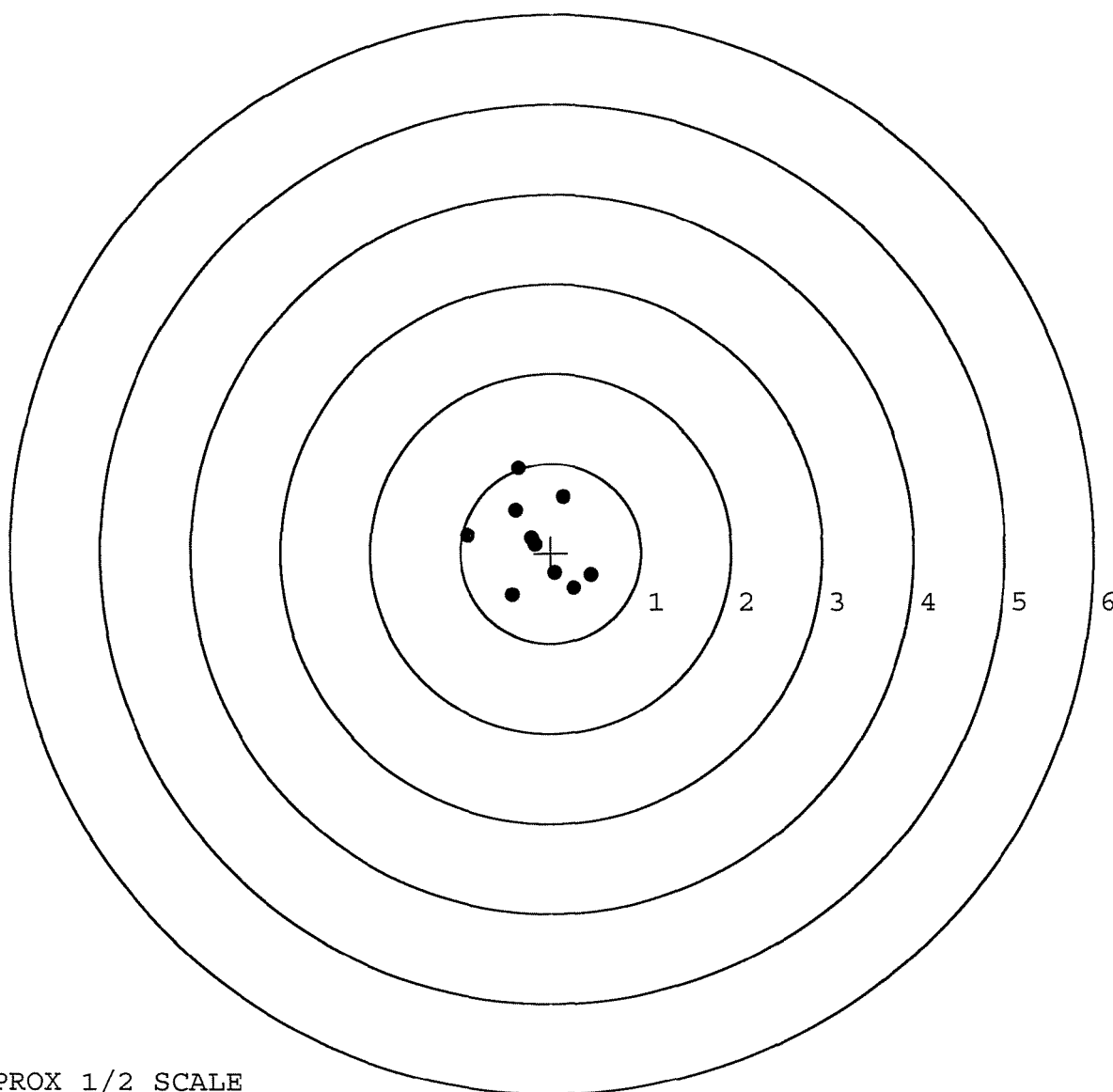
MEAN RADIUS: 0.514

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.134	0.620
2:	-0.361	0.947
3:	-0.400	0.474
4:	-0.218	0.170
5:	-0.921	0.196
6:	-0.431	-0.471
7:	0.450	-0.246
8:	0.258	-0.387
9:	0.043	-0.223
10:	-0.177	0.098



TARGET APPROX 1/2 SCALE

BARBER - M24 0078049

UPC



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. C6611512	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		46	



5716 C6611512

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0078049 78088

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611512

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/12/91	K.S.
600	Proof		3/12/91	K.S.
607	Check Headspace		3/12/91	K.S.
610	Dis-assemble Gun		3/12/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		4/1	KR
615	Rollmark Caliber		3/27/91	L.S.
617	Drill and Tap Sight Holes		APR 3 1991	FB
618	Polish Barrel		APR 3 1991	WB
620	Apply Coatings (Barrel Action)		4-12-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/30/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/30/91	K.S.
	C) Inspect Ejector Hole for Chamfer		4/30/91	K.S.
	D) Oil Firing Pin Ass'y		4/30/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		5/2/91	JK

op. #	BARBER M24 0078051	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-2-91	DH
	G) Safety Off Force	3	3	3			5-2-91	DH
	H) Trigger Pull Test & Retainability						5/2/91	JD
	I) Firing Pin Indent	.022	.021	.022			5-2-91	DH
	J) Assemble Stock						5/4/91	KS
	K) Assemble Swivel Studs						5-9-91	A
	L) Attach Front and Rear Sight Assemblies						5/4/91	KS
	M) Iron Sight Alignment						5/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/4/91	KS
	O) Attach Scope to Rifle						5/4/91	KS
	P) Detach & Attach Scope 20 Times						5/4/91	KS
640	Gallery Target & Test						5-6-91	DH
	A) Time						5-6-91	DH
	B) Malfunctions						5-6-91	DH
	C) Pierced Primers						5-6-91	DH
	D) Optical Clarity of Scope						5-6-91	DH
645	Inspect for Live Ammo						5-6-91	DH
655	Final Inspection							
	A) Headspace						5-9-91	KE
	B) Trigger Pull	2.34	2.54	2.51	2.46	2.47	5/9/91	JD
	C) Function						5-9-91	AC
660	Pack						6-18-91	NE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611512

DATE 5-2-91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.38	2.50	2.34	MIN. SETTING,
PULL #2	2.22	2.44	2.44	2.54	NO AVG. OF 5
PULL #3	2.45	2.51	2.45	2.51	READINGS ACCEPT-
PULL #4	2.37	2.43	2.51	2.46	ABLE LESS THAN 2#
PULL #5	2.38	2.56	2.38	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.29	3.28			
PULL #2	3.35	3.13			
PULL #3	3.25	3.29			
PULL #4	3.17	3.22			
PULL #5	3.23	3.25			
TOTAL					
AVG.					

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.20		4.46
PULL #2	4.23	4.66		4.62
PULL #3	4.20	4.59		4.55
PULL #4	4.19	4.45		4.47
PULL #5	4.25	4.56		4.56
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611512
.6 May 1991

CENTROIDAL DISTANCES

0 TO	1	.281624
1 TO	2	.241495
1 TO	3	.444299
1 TO	4	.503064
1 TO	5	.664694

34
5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.178
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0006
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .178
THE AMR FOR THIS RIFLE IS: .9456

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611512

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 2.523

VS = 3.516

GS = 3.797

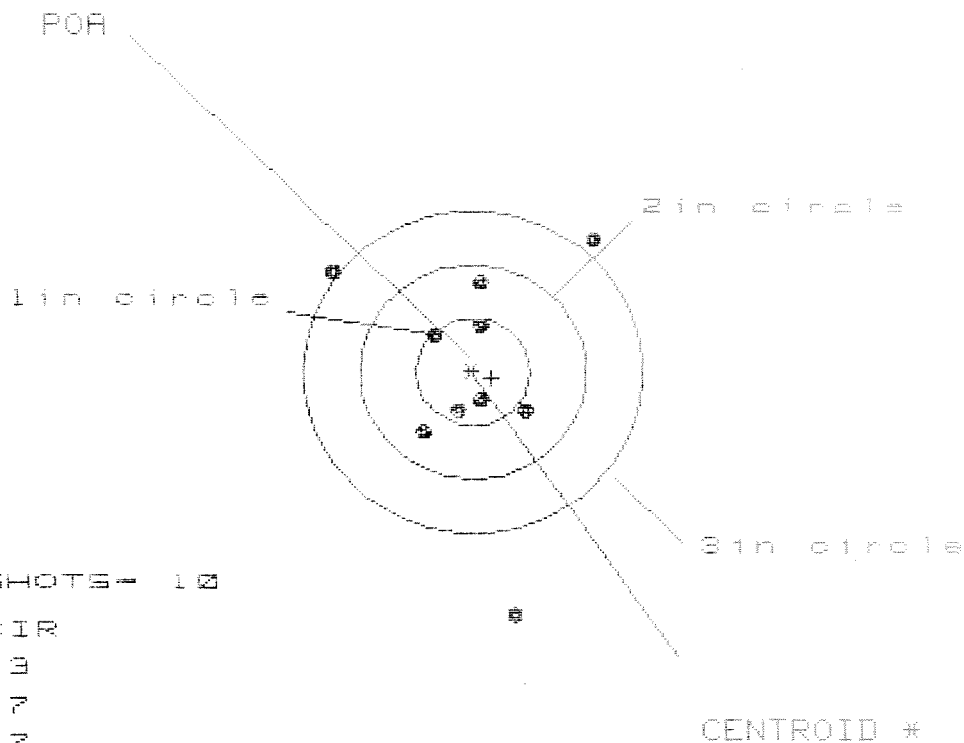
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.325	1.437	1.526
MINIMUM X	:	-1.198	-1.086	-.997
MAXIMUM Y	:	2.055	.672	.518
MINIMUM Y	:	-1.461	-1.233	-1.066
CENTROID X	:	-.056	-.168	-.257
CENTROID Y	:	.276	.048	.282
POA TO CENTROID in.	:	.282	.174	.327
MIN RADIUS	:	.238	.454	.413
MEAN RADIUS	:	1.066	.943	.843
MAX RADIUS	:	2.289	1.444	1.554
HORIZONTAL SPREAD	:	2.523	2.523	2.523
VERTICAL SPREAD	:	3.516	1.905	1.584
EXTREME SPREAD	:	3.797	2.578	2.578
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611512

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 7

HS= 2.302

VS= 3.482

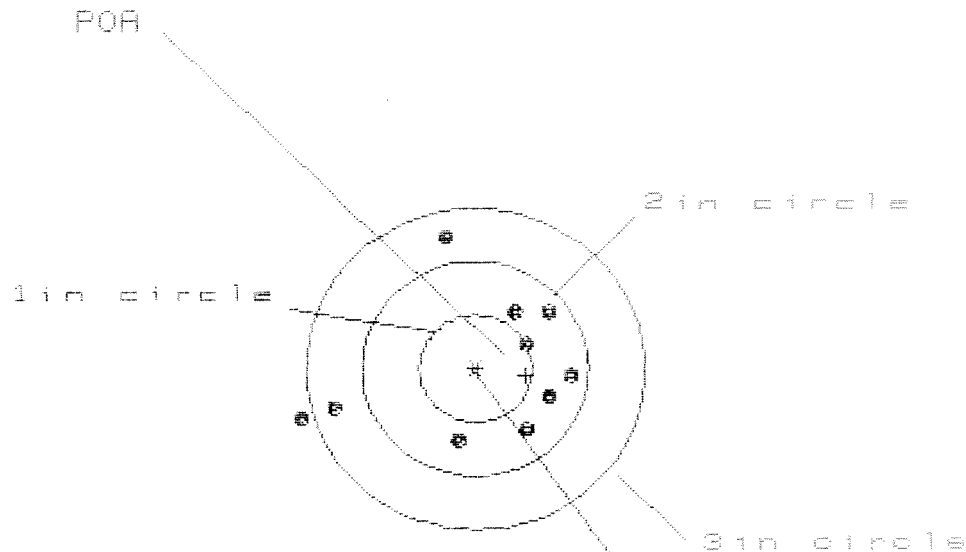
GS= 3.556

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.087	1.127	.635
MINIMUM X	:	-1.215	-1.175	-1.034
MAXIMUM Y	:	1.266	1.020	.811
MINIMUM Y	:	-2.216	-.828	-.701
CENTROID X	:	-.164	-.204	-.345
CENTROID Y	:	.060	.306	.179
POA TO CENTROID in.	:	.174	.368	.389
MIN RADIUS	:	.292	.233	.299
MEAN RADIUS	:	.926	.771	.666
MAX RADIUS	:	2.246	1.520	1.314
HORIZONTAL SPREAD	:	2.302	2.302	1.669
VERTICAL SPREAD	:	3.482	1.848	1.512
EXTREME SPREAD	:	3.556	2.400	2.133
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	7		

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611512

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

CENTROID *

HS= 2.422

VS= 1.952

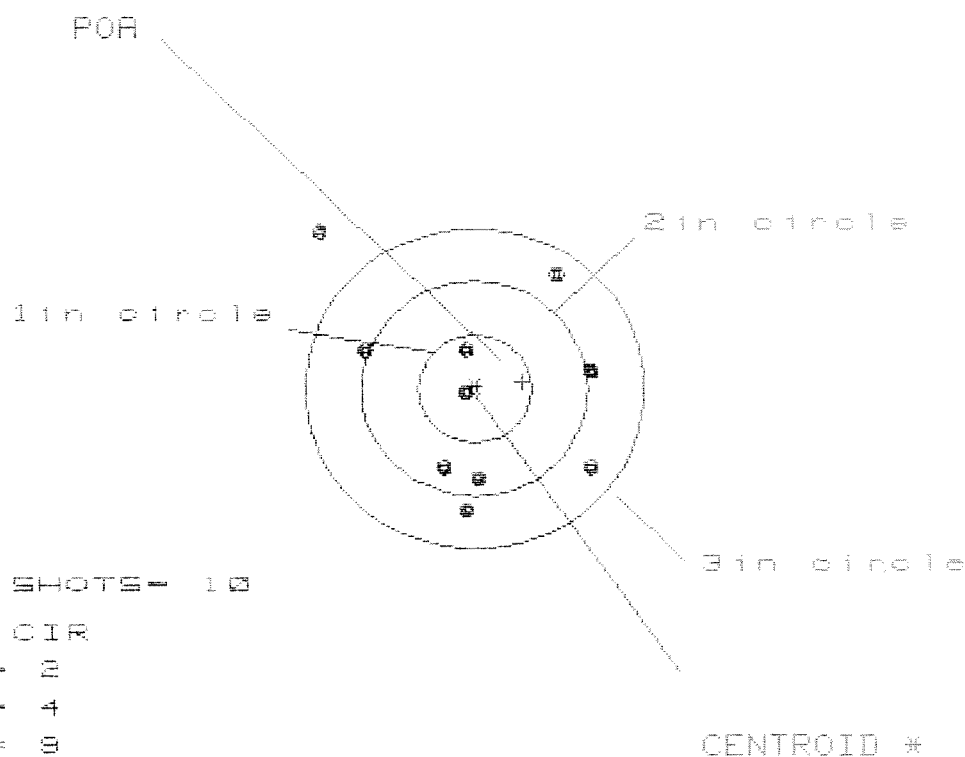
GS= 2.468

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.823	.645	.463
MINIMUM X	:	-1.599	-1.452	-.596
MAXIMUM Y	:	1.239	1.183	1.125
MINIMUM Y	:	-.713	-.769	-.827
CENTROID X	:	-.447	-.269	-.087
CENTROID Y	:	.065	.121	.179
POA TO CENTROID in.	:	.451	.295	.199
MIN RADIUS	:	.470	.291	.131
MEAN RADIUS	:	.920	.777	.621
MAX RADIUS	:	1.678	1.525	1.273
HORIZONTAL SPREAD	:	2.422	2.097	1.059
VERTICAL SPREAD	:	1.952	1.952	1.952
EXTREME SPREAD	:	2.468	2.130	1.977
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB11512

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.410

VS= 2.581

GS= 3.294

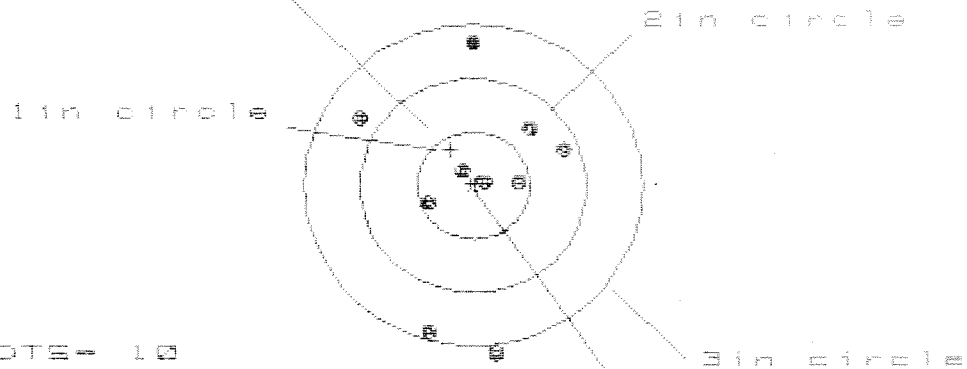
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.031	.878	.956
MINIMUM X	:	-1.379	-1.150	-1.040
MAXIMUM Y	:	1.469	1.228	1.151
MINIMUM Y	:	-1.112	-.949	-1.026
CENTROID X	:	-.424	-.271	-.381
CENTROID Y	:	-.067	-.230	-.153
POA TO CENTROID in.	:	.430	.356	.411
MIN RADIUS	:	.055	.213	.080
MEAN RADIUS	:	.983	.862	.813
MAX RADIUS	:	2.014	1.352	1.335
HORIZONTAL SPREAD	:	2.410	2.028	1.996
VERTICAL SPREAD	:	2.581	2.177	2.177
EXTREME SPREAD	:	3.294	2.323	2.307
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS = 1.829

VS = 2.913

GS = 2.921

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.789
MINIMUM X	-1.040
MAXIMUM Y	1.332
MINIMUM Y	-1.581
CENTROID X	.201
CENTROID Y	-.337
POA TO CENTROID in.	.393
MIN RADIUS	.115
MEAN RADIUS	.833
MAX RADIUS	1.596
HORIZONTAL SPREAD	1.829
VERTICAL SPREAD	2.913
EXTREME SPREAD	2.921
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9