

C6348991

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00121719

Serial: C6348991 Model M24 SWS Center Fire

Repairman:

Verify Repair

High Priority

Caliber: 7.62 NATO Produced: 03/19/1990

Status:

New 12/11/2006 10:22:48 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY

DEPARTMENT OF THE ARMY

Address 1: 225 BSB (SSA)

225 BSB (SSA)

Address 2: ATTN: CW3 FUJIHARA

PO Box:

ATTN: CW3 FUJIHARA

PO Box:

City: SCHOFIELD BARRACKS

SCHOFIELD BARRACKS

State: HI

Zip Code: 96857

Country: US

State: HI

Zip Code: 96857

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

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
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

12/13/2006

1:16 PM

CAPS

NUM

INS

SCRL



Serial Number: C6348991

Model: M24 SWS



RE00121719

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348991.___0
FILE DATE AND TIME: 03/08/2007 23:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

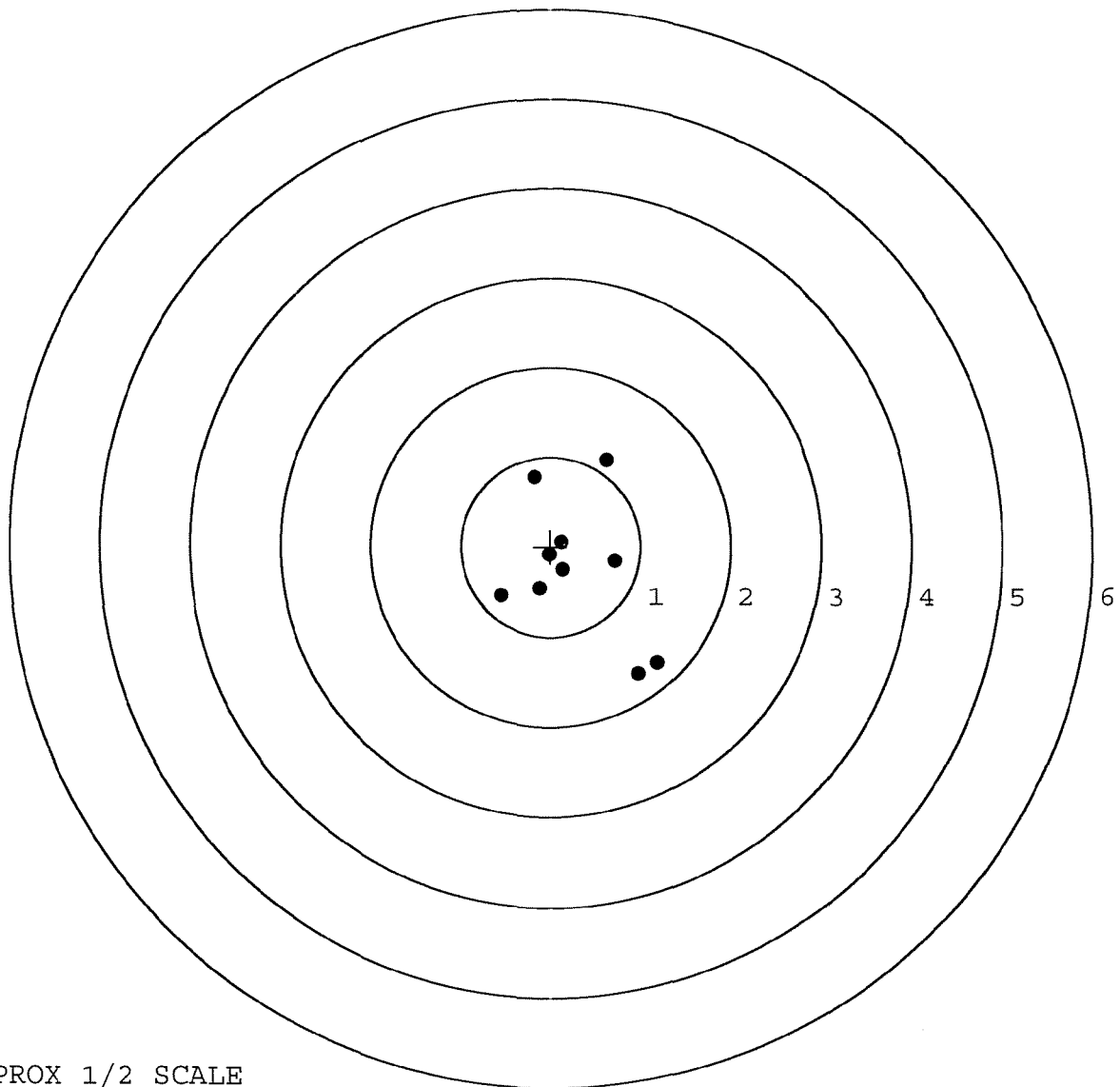
The Average X Centroid of the Five Target Set:	0.031
The Average Y Centroid of the Five Target Set:	0.055
The Average Point of Impact of the Five Target Set:	0.064
The Average Mean Radius of the Five Target Set:	0.700
The Distance from POA to Centroid Target #1:	0.378
The Distance from Centroid Target #2 to Centroid Target #1:	0.396
The Distance from Centroid Target #3 to Centroid Target #1:	0.416
The Distance from Centroid Target #4 to Centroid Target #1:	0.637
The Distance from Centroid Target #5 to Centroid Target #1:	0.632

BARBER - M24 0043369

SERIAL NUMBER: C6348991. __0
TARGET NUMBER: 1
FILE DATE: 03/08/2007
FILE TIME: 23:28

POINT#	X	Y
1:	-0.174	0.776
2:	0.630	0.963
3:	-0.555	-0.540
4:	0.978	-1.413
5:	1.185	-1.288
6:	0.717	-0.164
7:	0.124	0.051
8:	-0.015	-0.087
9:	0.138	-0.259
10:	-0.123	-0.464

X CENTROID: 0.291
Y CENTROID: -0.243
POA TO CENTROID: 0.378
HORZ SPREAD: 1.740
VERT SPREAD: 2.376
GROUP SPREAD: 2.471
MIN RADIUS: 0.153
MAX RADIUS: 1.376
MEAN RADIUS: 0.774
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



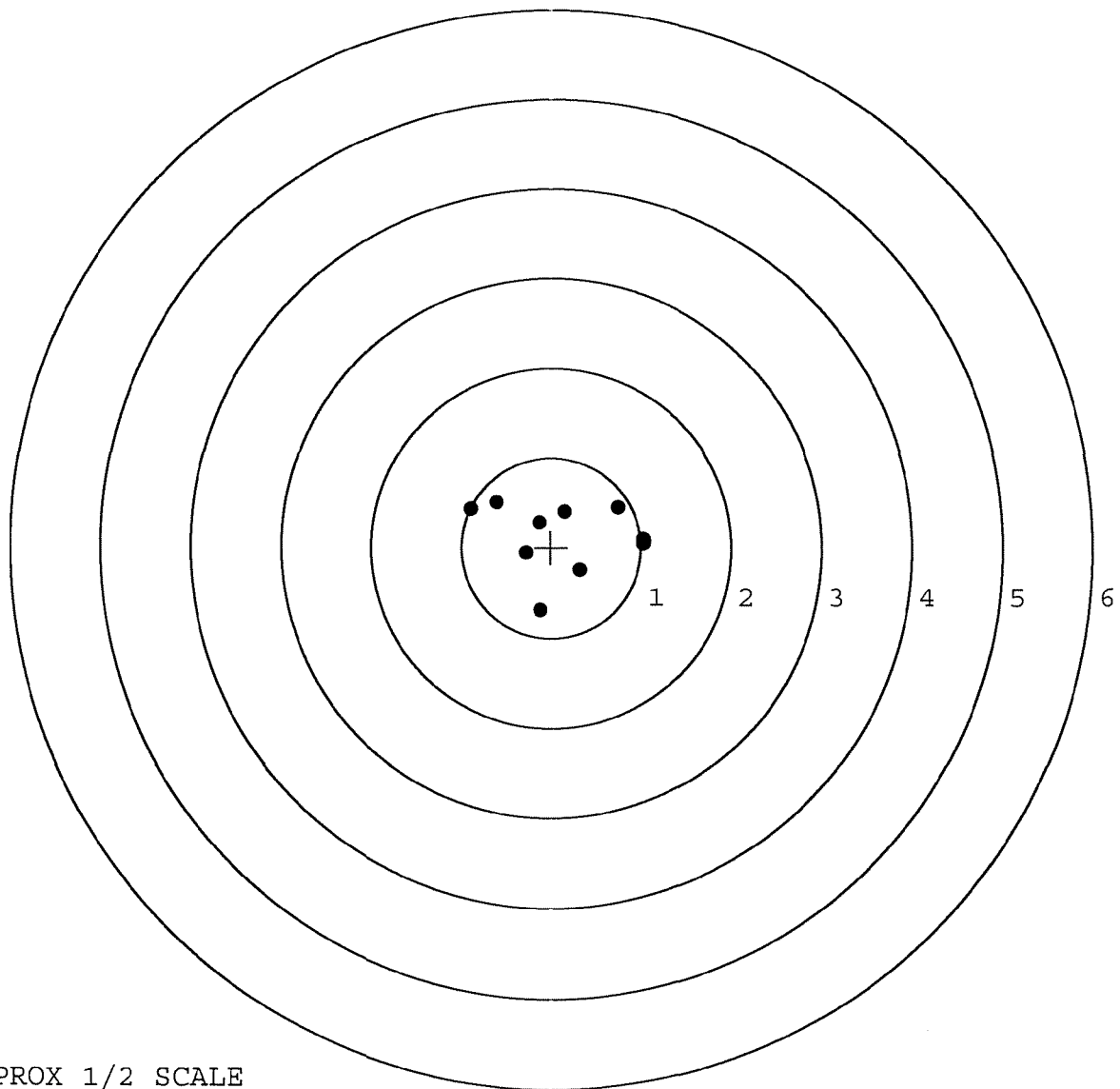
TARGET APPROX 1/2 SCALE

BARBER - M24 0043370

SERIAL NUMBER: C6348991. __0
TARGET NUMBER: 2
FILE DATE: 03/08/2007
FILE TIME: 23:28

POINT#	X	Y
1:	-0.895	0.430
2:	-0.613	0.500
3:	-0.282	-0.061
4:	-0.133	0.279
5:	0.155	0.398
6:	0.749	0.445
7:	1.031	0.088
8:	0.323	-0.256
9:	-0.120	-0.697
10:	1.031	0.045

X CENTROID: 0.125
Y CENTROID: 0.117
POA TO CENTROID: 0.171
HORZ SPREAD: 1.926
VERT SPREAD: 1.197
GROUP SPREAD: 1.964
MIN RADIUS: 0.283
MAX RADIUS: 1.067
MEAN RADIUS: 0.672
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



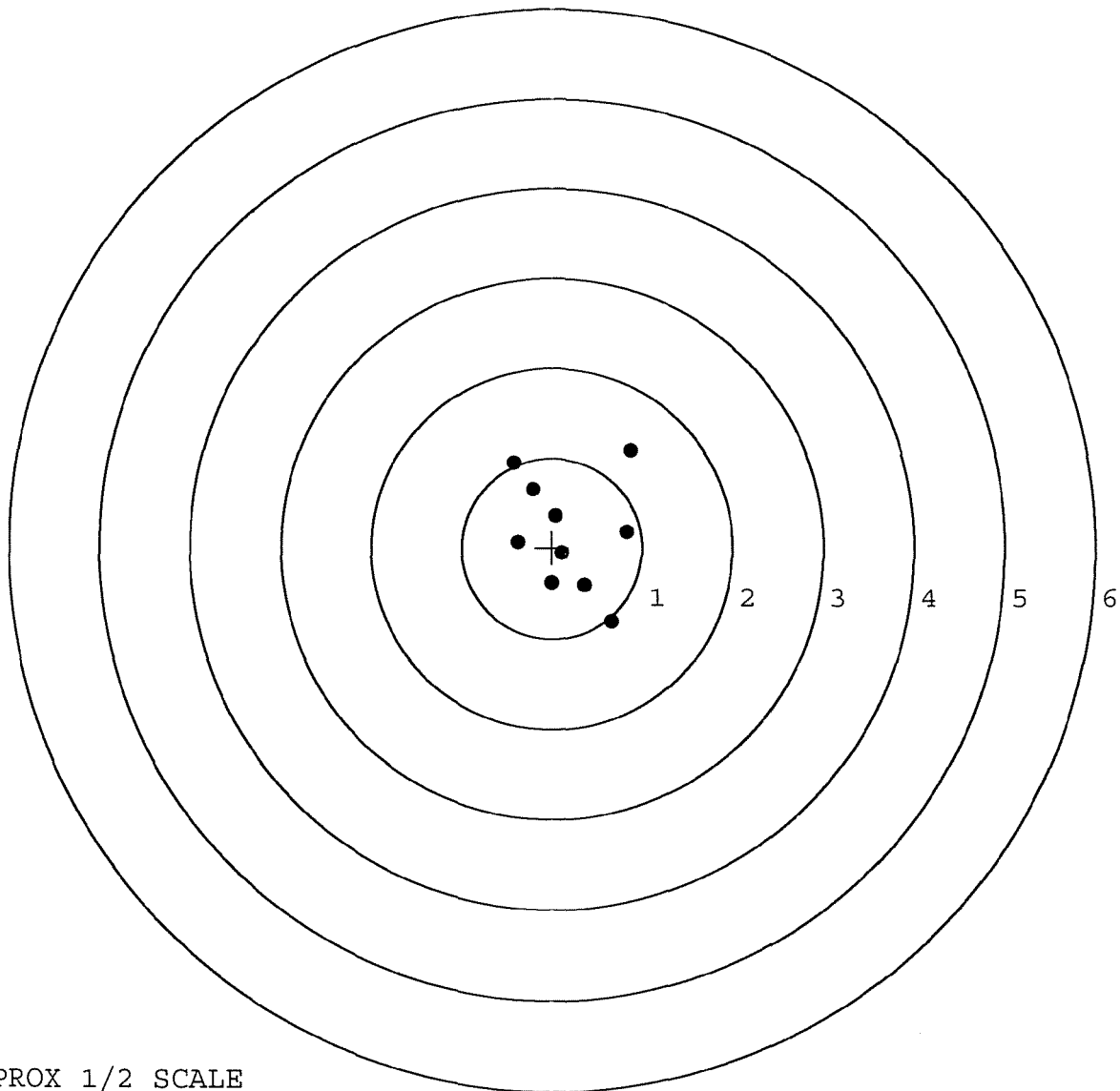
TARGET APPROX 1/2 SCALE

BARBER - M24 0043371

SERIAL NUMBER: C6348991. __0
TARGET NUMBER: 3
FILE DATE: 03/08/2007
FILE TIME: 23:28

POINT#	X	Y
1:	-0.422	0.948
2:	-0.213	0.652
3:	0.827	0.180
4:	0.869	1.085
5:	0.661	-0.818
6:	0.364	-0.415
7:	-0.006	-0.394
8:	0.110	-0.066
9:	0.044	0.357
10:	-0.382	0.066

X CENTROID: 0.185
Y CENTROID: 0.159
POA TO CENTROID: 0.244
HORZ SPREAD: 1.291
VERT SPREAD: 1.903
GROUP SPREAD: 1.914
MIN RADIUS: 0.238
MAX RADIUS: 1.151
MEAN RADIUS: 0.675
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



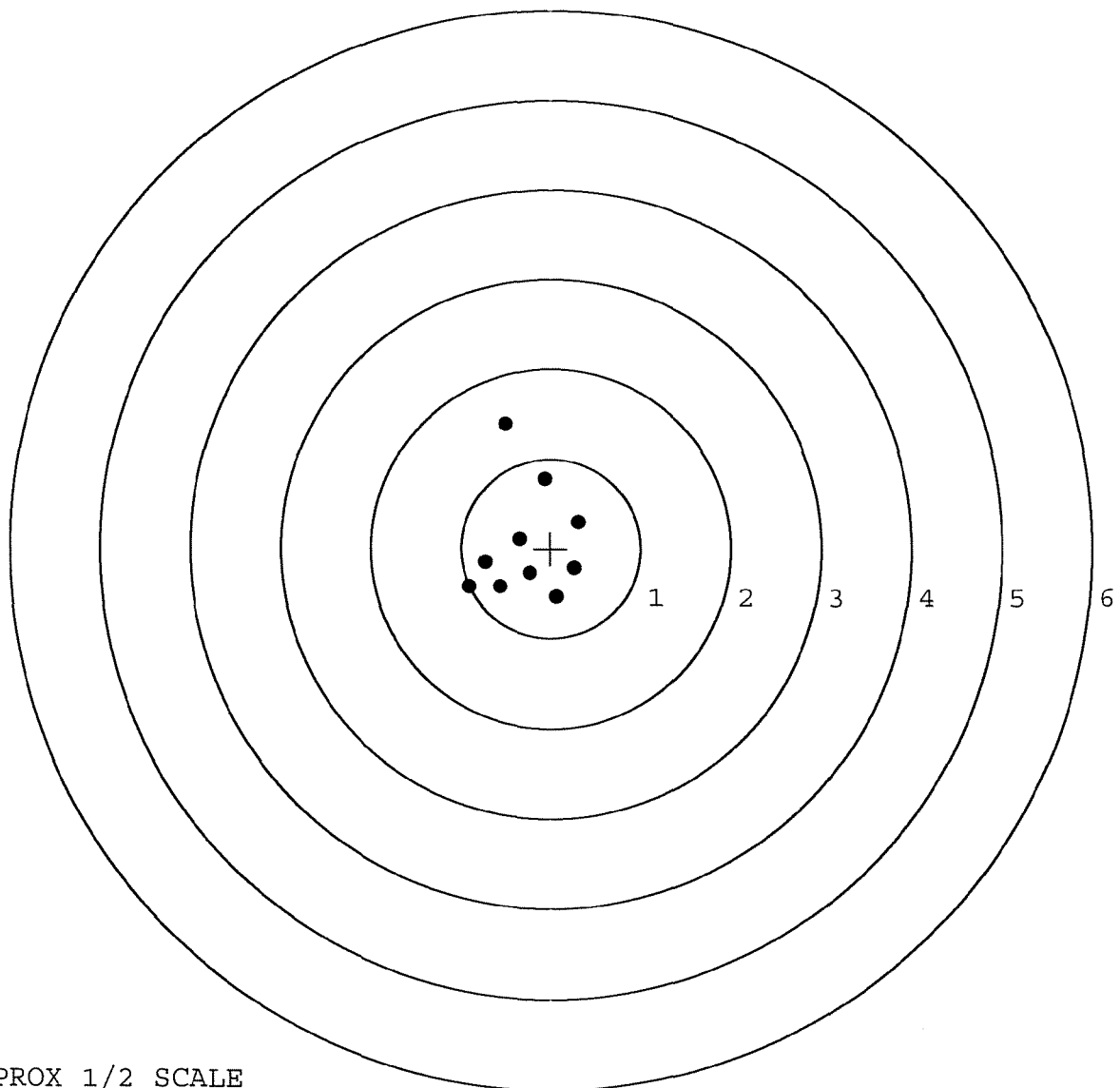
TARGET APPROX 1/2 SCALE

BARBER - M24 0043372

SERIAL NUMBER: C6348991. __0
TARGET NUMBER: 4
FILE DATE: 03/08/2007
FILE TIME: 23:28

POINT#	X	Y
1:	-0.508	1.387
2:	-0.066	0.779
3:	0.312	0.296
4:	0.266	-0.223
5:	0.062	-0.543
6:	-0.351	0.109
7:	-0.236	-0.274
8:	-0.735	-0.155
9:	-0.573	-0.431
10:	-0.914	-0.428

X CENTROID: -0.274
Y CENTROID: 0.052
POA TO CENTROID: 0.279
HORZ SPREAD: 1.226
VERT SPREAD: 1.930
GROUP SPREAD: 2.012
MIN RADIUS: 0.096
MAX RADIUS: 1.356
MEAN RADIUS: 0.633
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



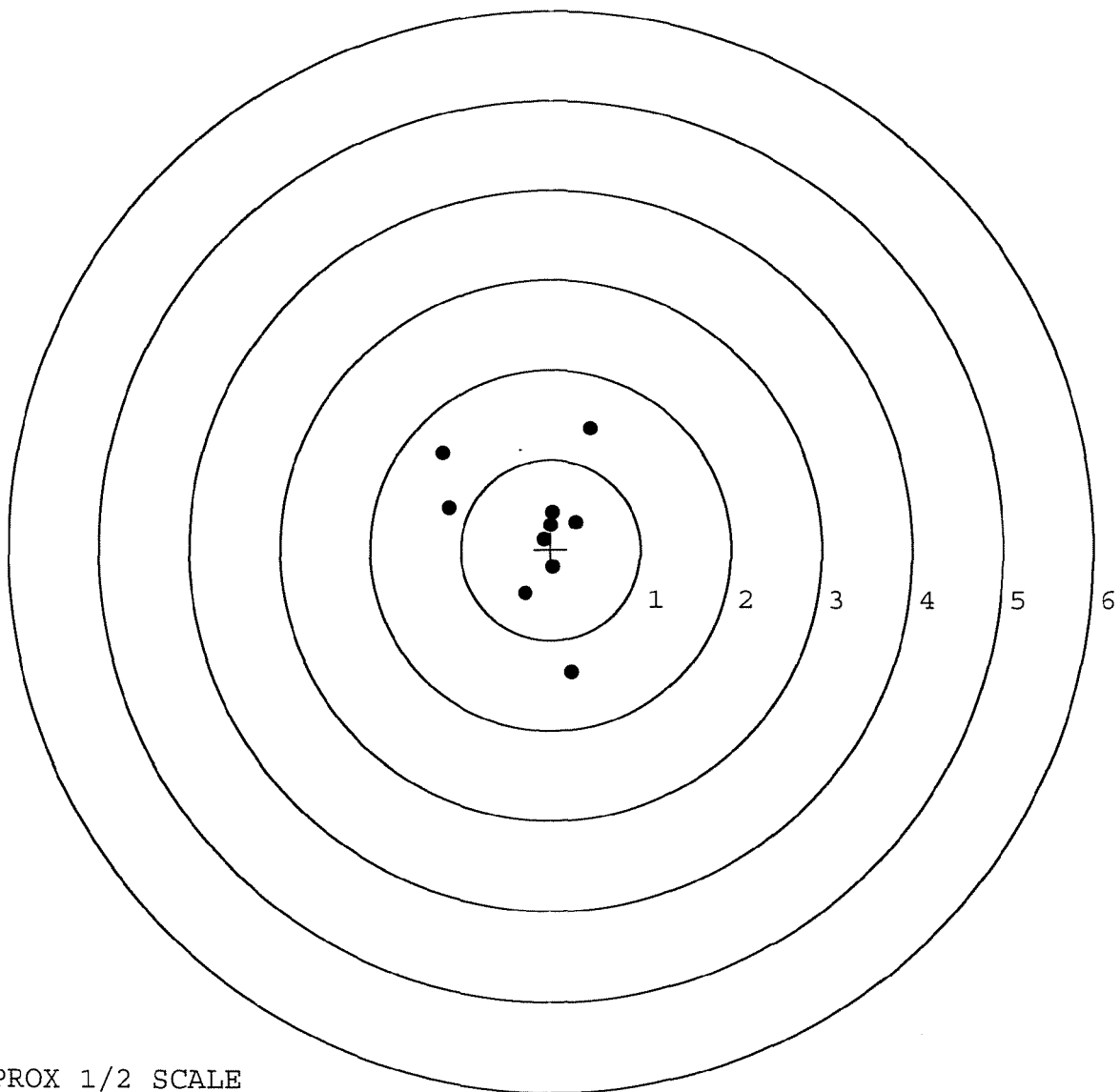
TARGET APPROX 1/2 SCALE

BARBER - M24 0043373

SERIAL NUMBER: C6348991. __0
TARGET NUMBER: 5
FILE DATE: 03/08/2007
FILE TIME: 23:28

POINT#	X	Y
1:	0.434	1.348
2:	-1.196	1.069
3:	-1.127	0.459
4:	0.241	-1.358
5:	-0.285	-0.492
6:	0.023	-0.205
7:	-0.080	0.109
8:	0.022	0.409
9:	0.282	0.305
10:	-0.002	0.273

X CENTROID: -0.169
Y CENTROID: 0.192
POA TO CENTROID: 0.255
HORZ SPREAD: 1.630
VERT SPREAD: 2.706
GROUP SPREAD: 2.821
MIN RADIUS: 0.121
MAX RADIUS: 1.603
MEAN RADIUS: 0.745
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

5276

R & E NUMBER	121719		
SERIAL NUMBER	06348991		
LOG-IN DATE	12-11-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-20-07	RTZ
505	RE-BARREL	2-21-07	RTZ
560	ASSEMBLE	2-21-07	RTZ
600	PROOF	2-21-07	TRW
605	CHECK HEADSPACE	INSPECTED	2-21-07 TRW
610	DIS-ASSEMBLE GUN	FEB 22 2007	2-21-07 RTZ
612	MAGNAFLUX	OPERATOR APD	2-22-07 APD
510	DRILL AND TAP	N/A	2-21-07 TRW
615	ROLLMARK CALIBER		2-22-07 CW
618	ROTO-BLAST		2-22-07 LB
620	APPLY COATINGS		3-1-07 WJ
625	FINAL ASSEMBLY		3-7-07 RTZ
640	FUNCTION TEST AND	(PASS) FAIL	3-8-07 non
650	TARGET	(PASS) FAIL	3-8-07 non
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION N/A	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		3-9-07 RTZ
	A) HEADSPACE	(PASS) FAIL	3-9-07 non
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.54 2.50 2.61 2.72 2.64 3-9-07 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.5 4.25 4.5 3-9-07 TRW
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.75 2.5 3-9-07 TRW
	I) FIRING PIN INDENT	.020	.0255 .0255 .0255 3-9-07 TRW
690	PACK		3-19-07 TRW

Repair Number: RE00079849	Serial: C6348991 Model M24 SWS Center Fire Caliber: 7.32 NATO Produced: 03/19/1990	Repairman:	Status: Closed 4/13/2004 7:18:44 AM															
Address Information																		
Customer: ☐ Received From		Return To: ☐ Received From																
Name: DEPARTMENT OF THE ARMY	DEPARTMENT OF THE ARMY																	
Address 1: COMMANDER	COMMANDER																	
Address 2: HHC 1-27 INF 2BCT 25 ID L PO Box:	HHC 1-27 INF 2BCT 25 ID L PO Box:																	
City: NEW BRUNSWICK	NEW BRUNSWICK																	
State: NJ Zip Code: 09347 Country: US	State: NJ Zip Code: 09347 Country: US																	
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐																		
Contact / Condition	Problems	Estimate	History / Status															
<table border="1"> <tr> <td> Contact Information Phone: Fax: Email: Comments: </td> <td> Received Condition Fair Condition Notes: CSR Notes: </td> <td> Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>3</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> </tbody> </table> </td> </tr> </table>				Contact Information Phone: Fax: Email: Comments:	Received Condition Fair Condition Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>3</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	1	A017	Scope Bases	3	A026	Scope	1
Contact Information Phone: Fax: Email: Comments:	Received Condition Fair Condition Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>3</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	1	A017	Scope Bases	3	A026	Scope	1				
Code	Desc	Qty																
A007	With Stud	1																
A017	Scope Bases	3																
A026	Scope	1																
Repair Search	Refresh	Close																
<table border="1"> <tr> <td>maglet</td> <td>4/13/2004</td> <td>7:34 AM</td> <td>CAPS</td> <td>NUM</td> <td>INS</td> <td>SCPL</td> </tr> </table>				maglet	4/13/2004	7:34 AM	CAPS	NUM	INS	SCPL								
maglet	4/13/2004	7:34 AM	CAPS	NUM	INS	SCPL												

Serial Number: **C6348991**
Model: **M24 SWS**

RE00079849

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348991.___0
FILE DATE AND TIME: 04/09/2003 00:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

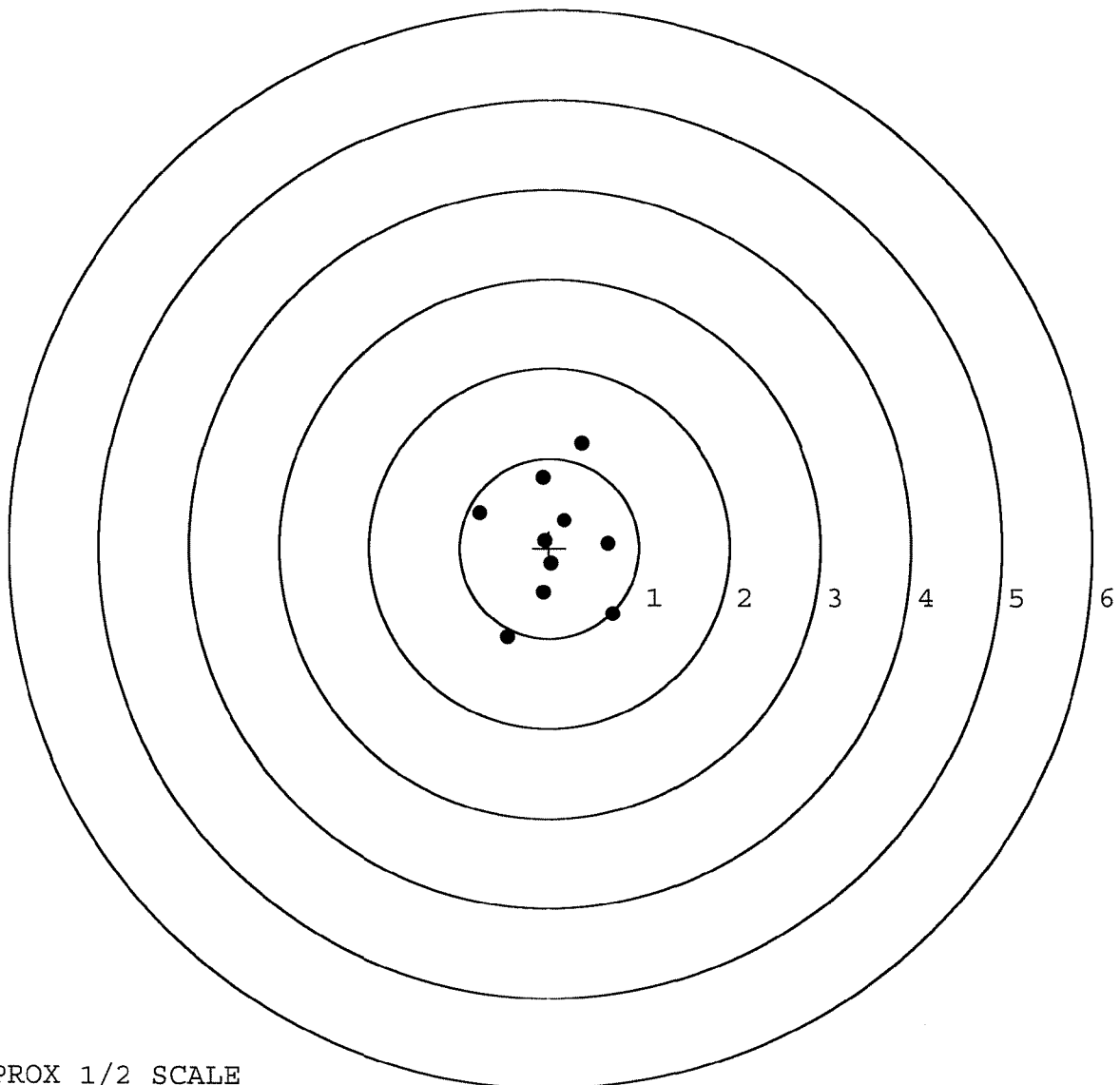
The Average X Centroid of the Five Target Set:	-0.065
The Average Y Centroid of the Five Target Set:	0.036
The Average Point of Impact of the Five Target Set:	0.075
The Average Mean Radius of the Five Target Set:	0.679
The Distance from POA to Centroid Target #1:	0.064
The Distance from Centroid Target #2 to Centroid Target #1:	0.069
The Distance from Centroid Target #3 to Centroid Target #1:	0.357
The Distance from Centroid Target #4 to Centroid Target #1:	0.125
The Distance from Centroid Target #5 to Centroid Target #1:	0.131

BARBER - M24 0043377

SERIAL NUMBER: C6348991.____0
TARGET NUMBER: 1
FILE DATE: 04/09/2003
FILE TIME: 00:54

POINT#	X	Y
1:	0.709	-0.736
2:	-0.462	-0.993
3:	-0.060	-0.497
4:	0.658	0.049
5:	-0.069	0.787
6:	0.355	1.169
7:	-0.775	0.399
8:	0.024	-0.176
9:	-0.052	0.086
10:	0.172	0.312

X CENTROID: 0.050
Y CENTROID: 0.040
POA TO CENTROID: 0.064
HORZ SPREAD: 1.484
VERT SPREAD: 2.162
GROUP SPREAD: 2.311
MIN RADIUS: 0.112
MAX RADIUS: 1.169
MEAN RADIUS: 0.678
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



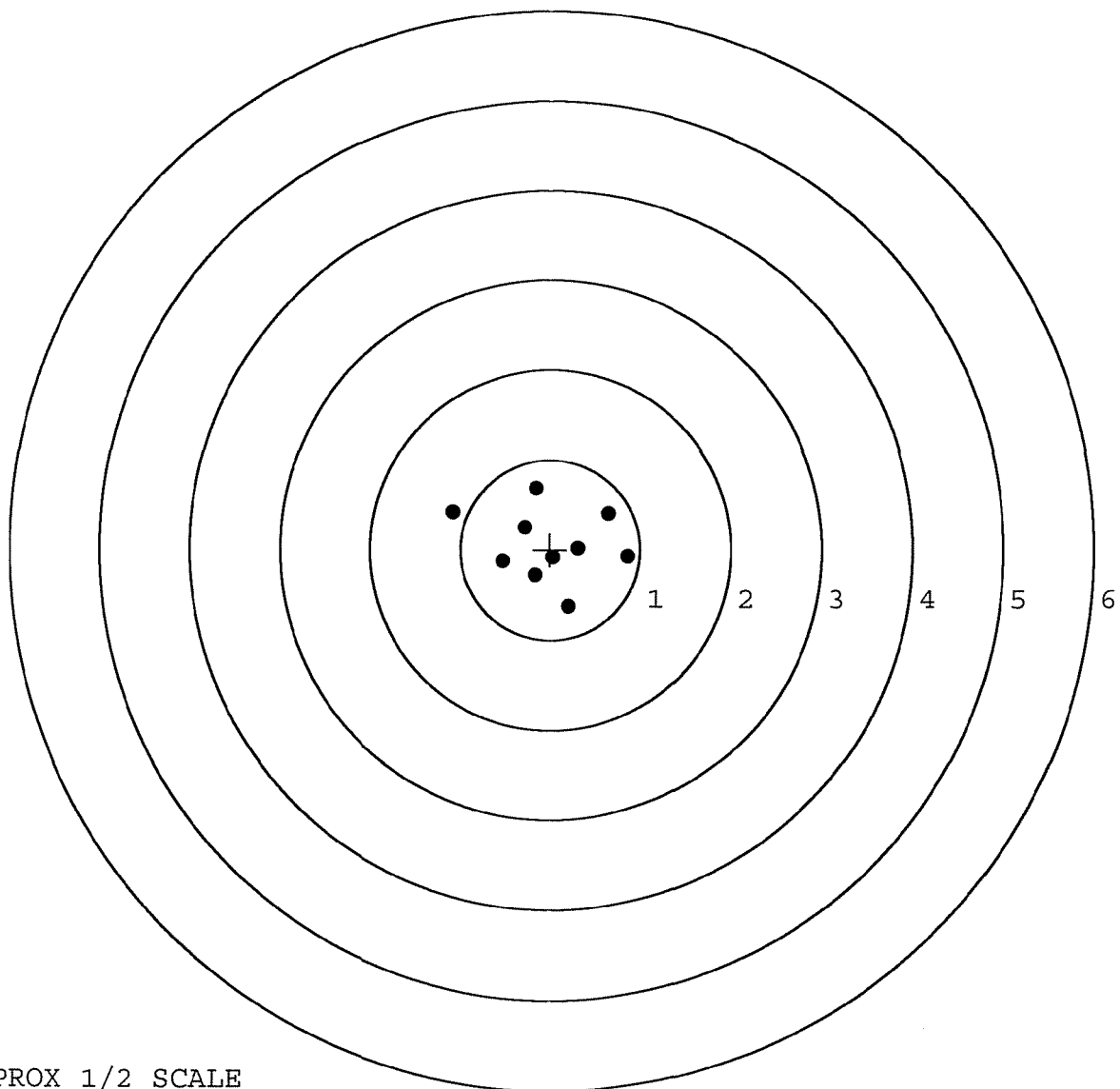
TARGET APPROX 1/2 SCALE

BARBER - M24 0043378

SERIAL NUMBER: C6348991. __0
TARGET NUMBER: 2
FILE DATE: 04/09/2003
FILE TIME: 00:54

POINT#	X	Y
1:	0.861	-0.086
2:	0.647	0.406
3:	-0.160	0.686
4:	-1.086	0.421
5:	0.204	-0.638
6:	0.313	0.014
7:	0.030	-0.091
8:	-0.286	0.249
9:	-0.170	-0.290
10:	-0.529	-0.130

X CENTROID: -0.018
Y CENTROID: 0.054
POA TO CENTROID: 0.057
HORZ SPREAD: 1.947
VERT SPREAD: 1.324
GROUP SPREAD: 2.012
MIN RADIUS: 0.153
MAX RADIUS: 1.130
MEAN RADIUS: 0.588
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

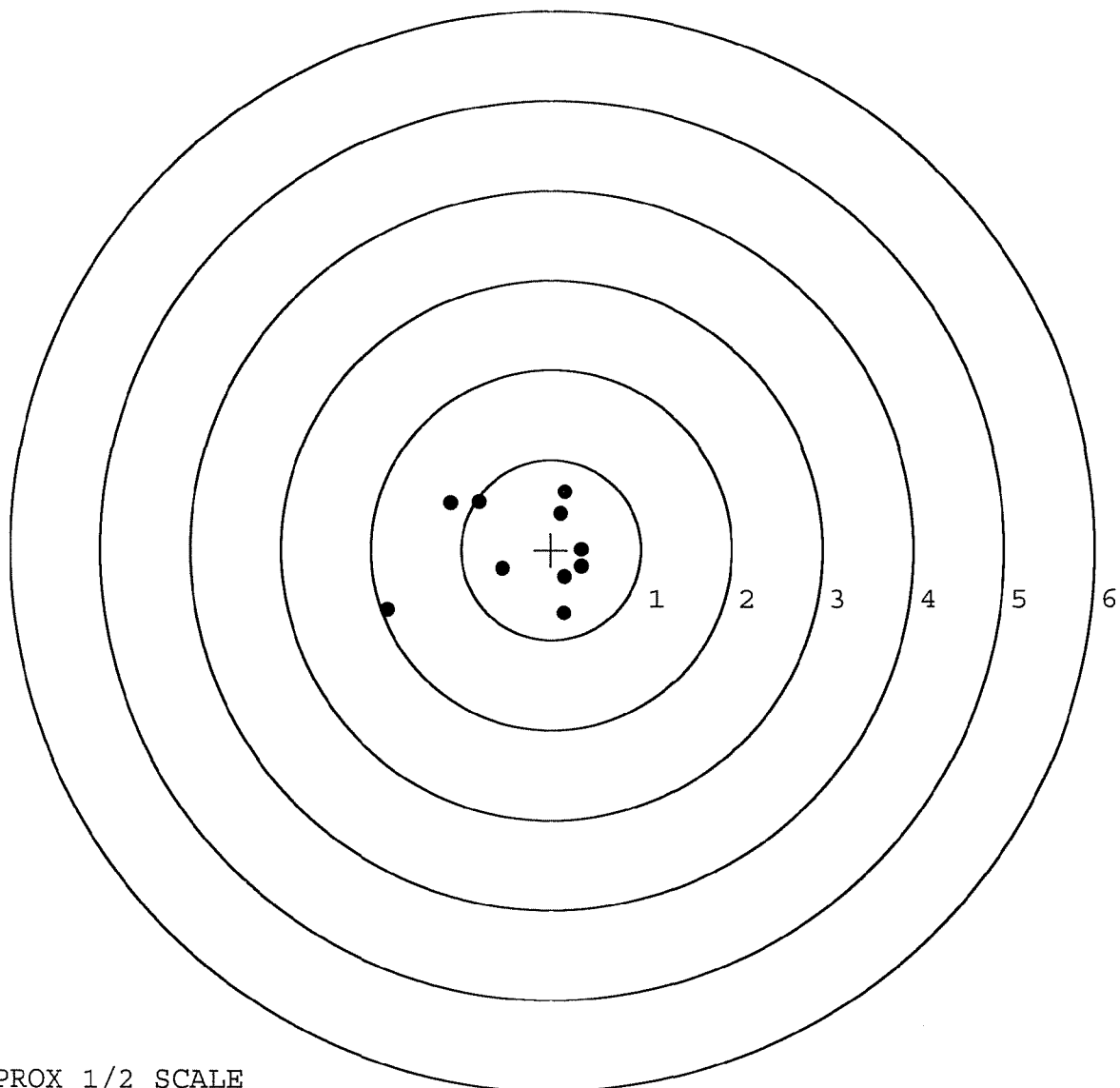
BARBER - M24 0043379

SERIAL NUMBER: C6348991. __0
TARGET NUMBER: 3
FILE DATE: 04/09/2003
FILE TIME: 00:54

POINT#	X	Y
1:	0.146	-0.713
2:	-0.545	-0.208
3:	-1.823	-0.660
4:	-1.114	0.522
5:	-0.802	0.540
6:	0.157	0.644
7:	0.107	0.402
8:	0.337	0.004
9:	0.337	-0.189
10:	0.151	-0.302

X CENTROID: -0.305
Y CENTROID: 0.004
POA TO CENTROID: 0.305
HORZ SPREAD: 2.160
VERT SPREAD: 1.357
GROUP SPREAD: 2.371
MIN RADIUS: 0.320
MAX RADIUS: 1.657
MEAN RADIUS: 0.774

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



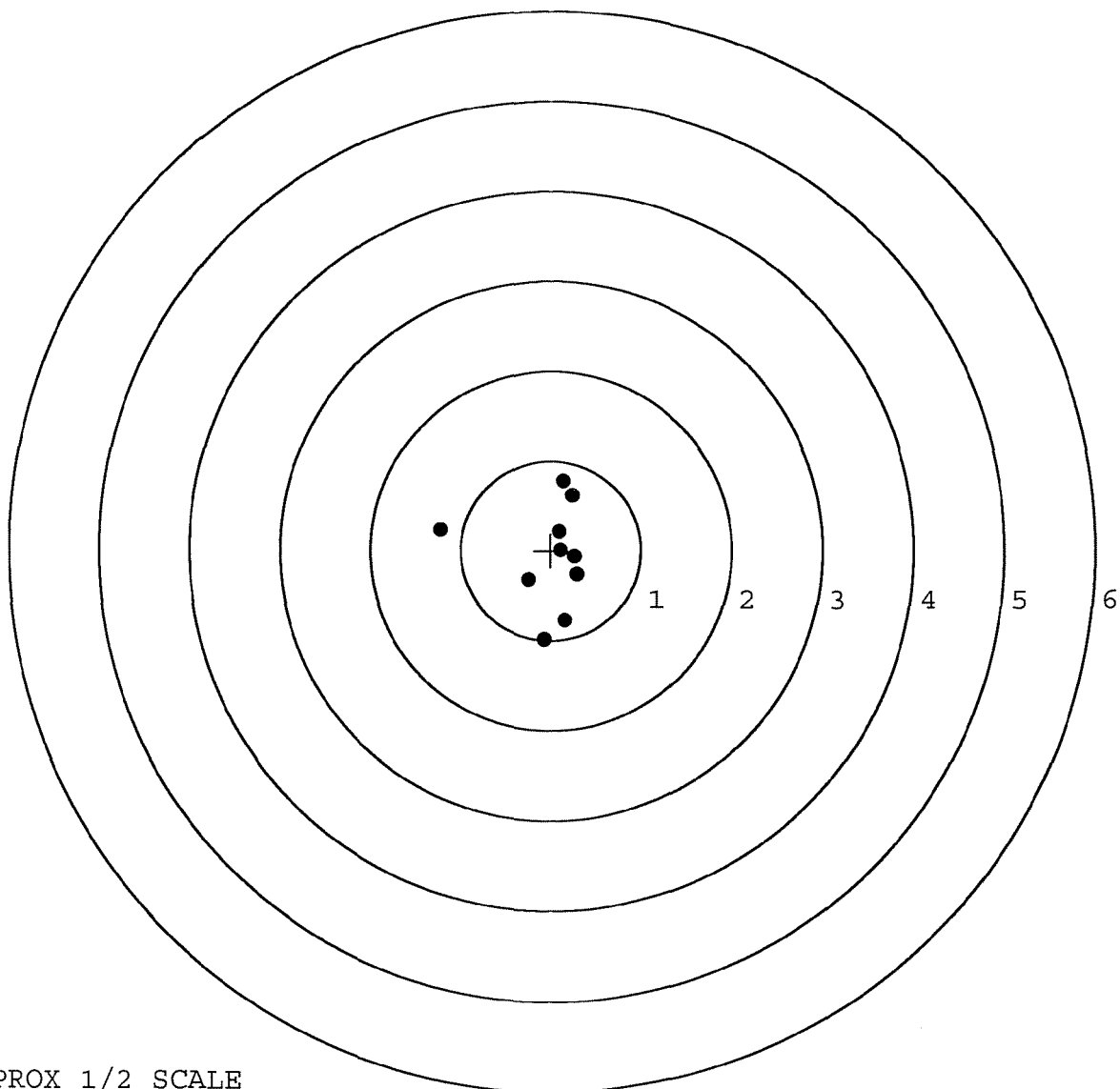
TARGET APPROX 1/2 SCALE

BARBER - M24 0043380

SERIAL NUMBER: C6348991. __0
TARGET NUMBER: 4
FILE DATE: 04/09/2003
FILE TIME: 00:54

POINT#	X	Y
1:	-0.068	-0.998
2:	0.165	-0.786
3:	-0.248	-0.331
4:	0.287	-0.269
5:	0.264	-0.071
6:	0.099	0.213
7:	0.243	0.619
8:	0.142	0.777
9:	-1.225	0.230
10:	0.112	0.000

X CENTROID: -0.023
Y CENTROID: -0.062
POA TO CENTROID: 0.066
HORZ SPREAD: 1.512
VERT SPREAD: 1.775
GROUP SPREAD: 1.722
MIN RADIUS: 0.148
MAX RADIUS: 1.237
MEAN RADIUS: 0.597
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



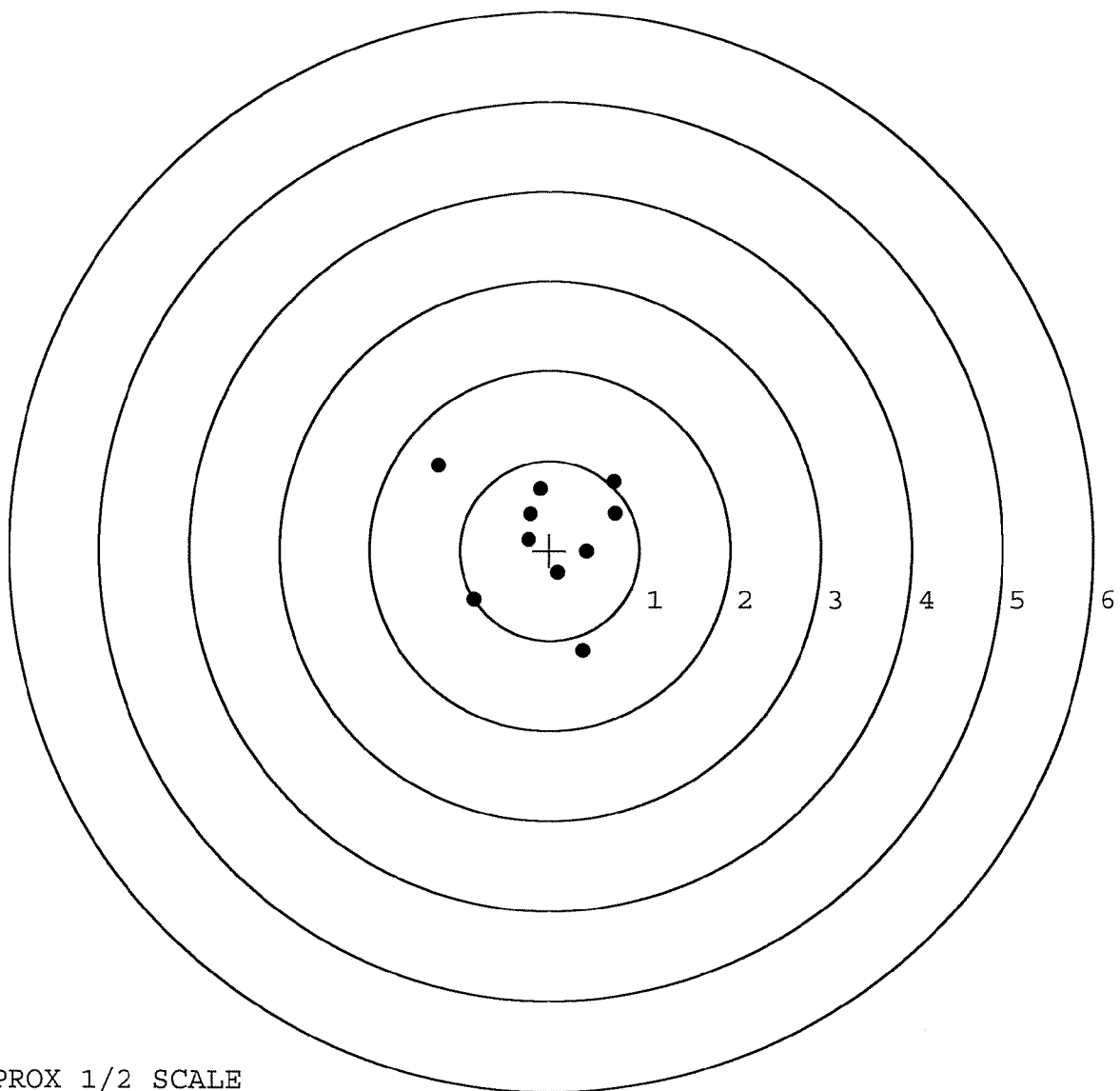
TARGET APPROX 1/2 SCALE

BARBER - M24 0043381

SERIAL NUMBER: C6348991. __0
TARGET NUMBER: 5
FILE DATE: 04/09/2003
FILE TIME: 00:54

POINT#	X	Y
1:	0.368	-1.116
2:	-0.844	-0.549
3:	-1.234	0.947
4:	0.413	-0.011
5:	0.087	-0.251
6:	0.732	0.415
7:	0.714	0.768
8:	-0.101	0.693
9:	-0.216	0.407
10:	-0.237	0.126

X CENTROID: -0.032
Y CENTROID: 0.143
POA TO CENTROID: 0.146
HORZ SPREAD: 1.966
VERT SPREAD: 2.063
GROUP SPREAD: 2.612
MIN RADIUS: 0.206
MAX RADIUS: 1.446
MEAN RADIUS: 0.758
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 **M2400043421**

Repair Inquiry

Repair Number: RE00063229

Serial: C6349041 Model 700 Center Fire Caliber: 7
62 NATO M24 SWS

Repairman:

Verify Repair

Status: New 3/18/2003 11:24:39 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY

DEPARTMENT OF THE ARMY

Address 1: HHC 1-27 INF BLDG 2080

HHC 1-27 INF BLDG 2080

Address 2: 25TH ID

PO Box:

25TH ID

PO Box:

City: SCHOFIELD BARRACKS

SCHOFIELD BARRACKS

State: HI

Zip Code: 96857

Country: US

State: HI

Zip Code: 96857

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Date	Code	User ID	Desc1
3/18/2003 11:24:39	New	urtzgj	Repair Added
3/18/2003 11:30:54	Expedite	urtzgj	From: Check In

- ☐ Shipping Hold
☐ InterFace Hold
☐ Estimate Sent
☐ Parts Received
☐ Passed Inspection
☐ Return As Received
☐ Has been Approved
☐ Internal Repair

Current Status

New

3/18/2003 11:24:39 AM

urtzgj

Sniper Systems

Repair Location

ILN

Current Location

ILN

Transfer Number

Repair Search

Refresh

Close

nagletj

3/18/2003

1:37 PM

CAPS

NUM

INS

SCRL

start

3 Mic...

2 Int...

Arms S...

Part Se...

My Do...

3 Mic...

Docu...

1:36 PM

Serial Number:

C6348991

Model: 700



RE00063230

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348991.___0
FILE DATE AND TIME: 04/09/2003 00:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

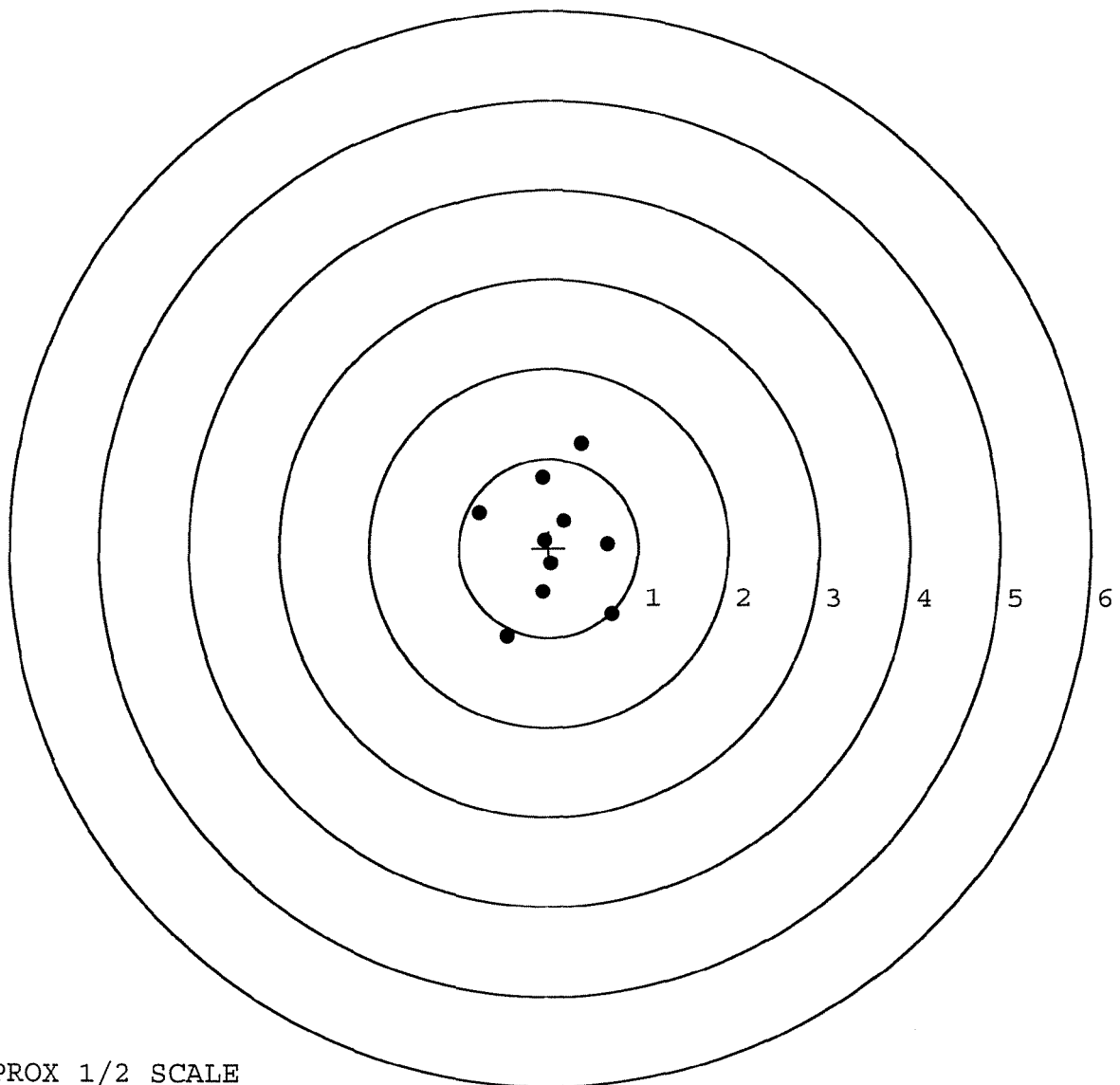
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The Average Y Centroid of the Five Target Set:	0.036
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The Distance from POA to Centroid Target #1:	0.064
The Distance from Centroid Target #2 to Centroid Target #1:	0.069
The Distance from Centroid Target #3 to Centroid Target #1:	0.357
The Distance from Centroid Target #4 to Centroid Target #1:	0.125
The Distance from Centroid Target #5 to Centroid Target #1:	0.131

BARBER - M24 0043385

SERIAL NUMBER: C6348991. 0
TARGET NUMBER: 1
FILE DATE: 04/09/2003
FILE TIME: 00:54

POINT#	X	Y
1:	0.709	-0.736
2:	-0.462	-0.993
3:	-0.060	-0.497
4:	0.658	0.049
5:	-0.069	0.787
6:	0.355	1.169
7:	-0.775	0.399
8:	0.024	-0.176
9:	-0.052	0.086
10:	0.172	0.312

X CENTROID: 0.050
Y CENTROID: 0.040
POA TO CENTROID: 0.064
HORZ SPREAD: 1.484
VERT SPREAD: 2.162
GROUP SPREAD: 2.311
MIN RADIUS: 0.112
MAX RADIUS: 1.169
MEAN RADIUS: 0.678
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



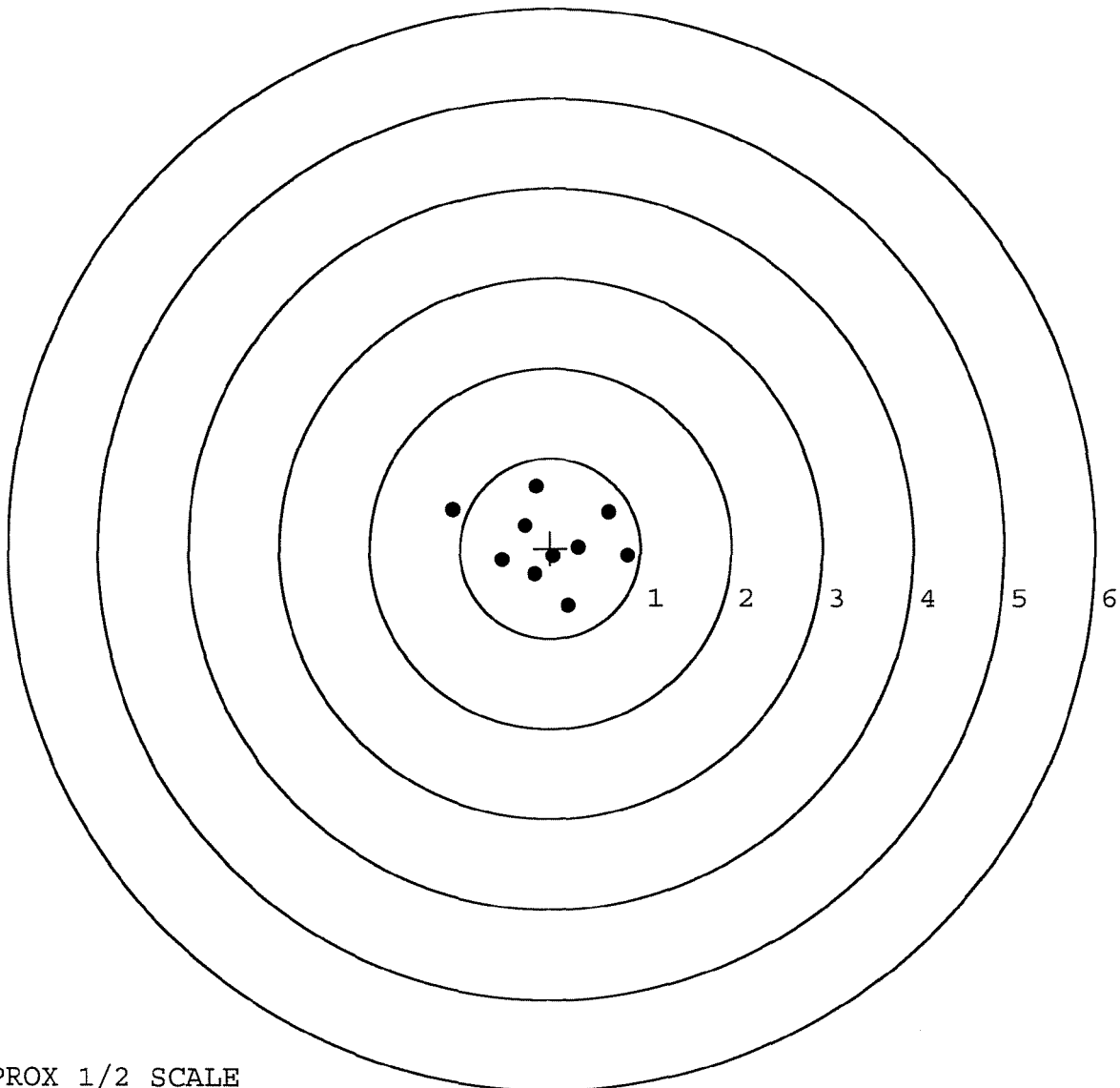
TARGET APPROX 1/2 SCALE

BARBER - M24 0043386

SERIAL NUMBER: C6348991. __0
TARGET NUMBER: 2
FILE DATE: 04/09/2003
FILE TIME: 00:54

POINT#	X	Y
1:	0.861	-0.086
2:	0.647	0.406
3:	-0.160	0.686
4:	-1.086	0.421
5:	0.204	-0.638
6:	0.313	0.014
7:	0.030	-0.091
8:	-0.286	0.249
9:	-0.170	-0.290
10:	-0.529	-0.130

X CENTROID: -0.018
Y CENTROID: 0.054
POA TO CENTROID: 0.057
HORZ SPREAD: 1.947
VERT SPREAD: 1.324
GROUP SPREAD: 2.012
MIN RADIUS: 0.153
MAX RADIUS: 1.130
MEAN RADIUS: 0.588
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



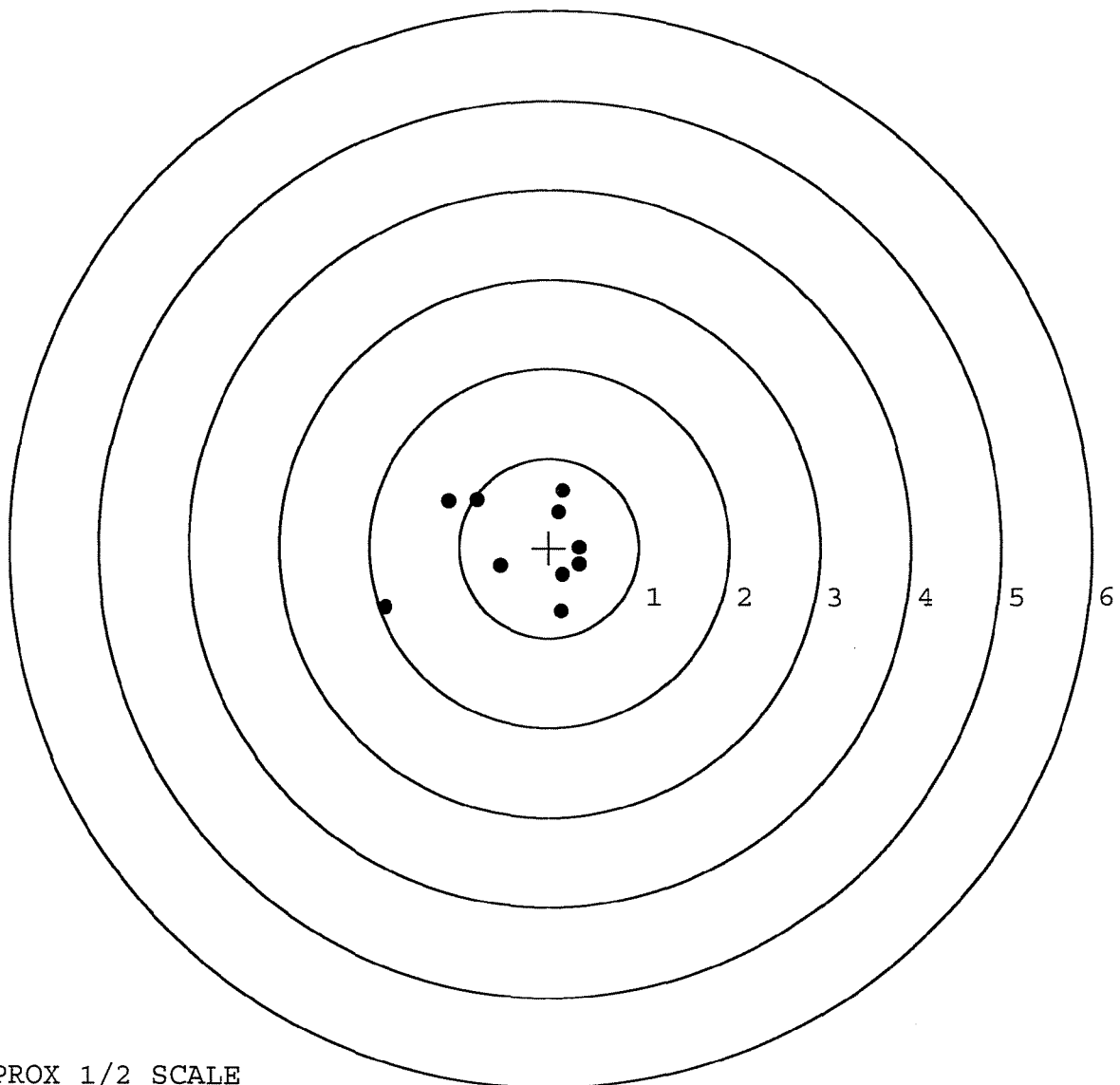
TARGET APPROX 1/2 SCALE

BARBER - M24 0043387

SERIAL NUMBER: C6348991. __0
TARGET NUMBER: 3
FILE DATE: 04/09/2003
FILE TIME: 00:54

POINT#	X	Y
1:	0.146	-0.713
2:	-0.545	-0.208
3:	-1.823	-0.660
4:	-1.114	0.522
5:	-0.802	0.540
6:	0.157	0.644
7:	0.107	0.402
8:	0.337	0.004
9:	0.337	-0.189
10:	0.151	-0.302

X CENTROID: -0.305
Y CENTROID: 0.004
POA TO CENTROID: 0.305
HORZ SPREAD: 2.160
VERT SPREAD: 1.357
GROUP SPREAD: 2.371
MIN RADIUS: 0.320
MAX RADIUS: 1.657
MEAN RADIUS: 0.774
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9



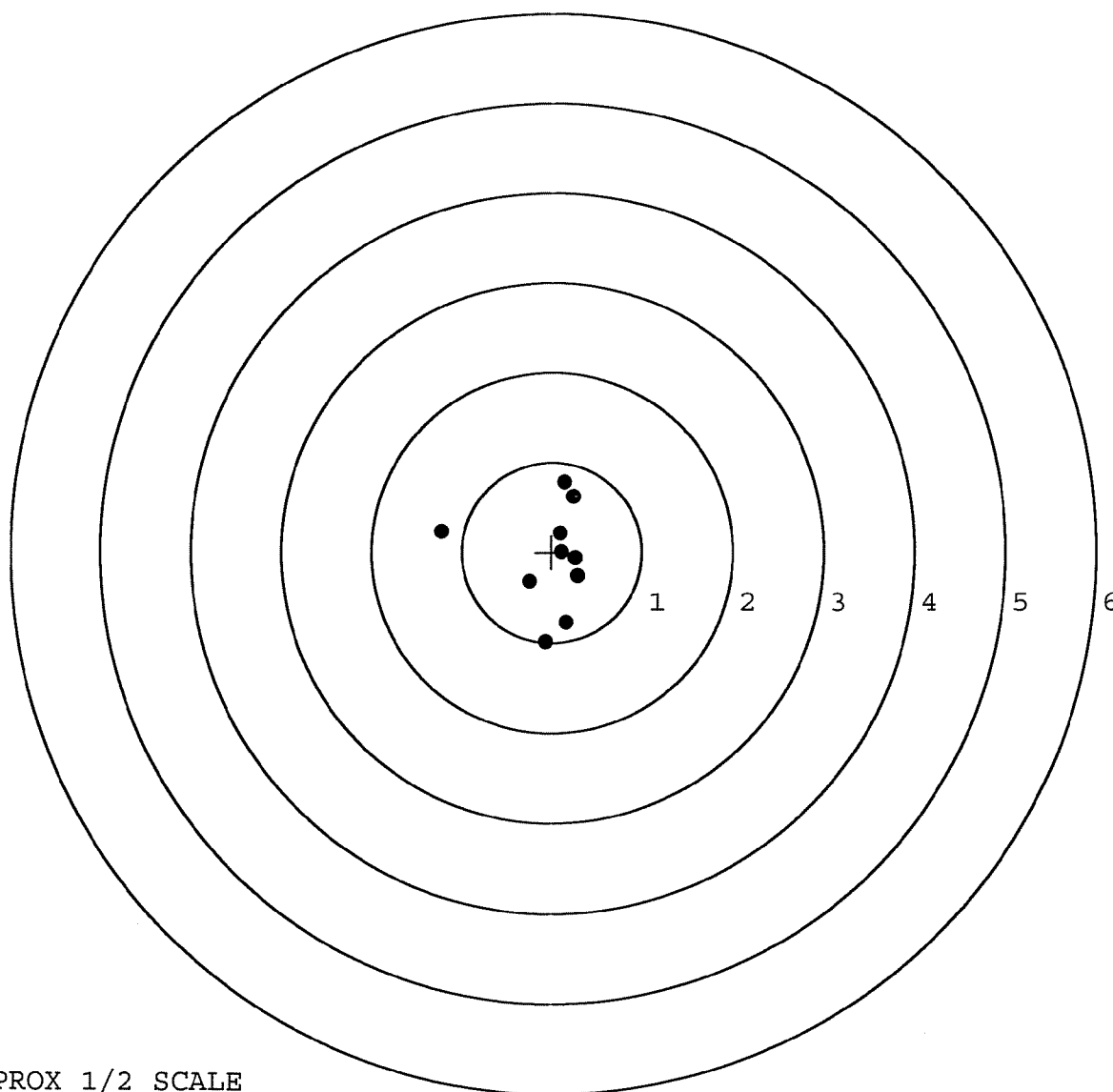
TARGET APPROX 1/2 SCALE

BARBER - M24 0043388

SERIAL NUMBER: C6348991. __ 0
TARGET NUMBER: 4
FILE DATE: 04/09/2003
FILE TIME: 00:54

POINT#	X	Y
1:	-0.068	-0.998
2:	0.165	-0.786
3:	-0.248	-0.331
4:	0.287	-0.269
5:	0.264	-0.071
6:	0.099	0.213
7:	0.243	0.619
8:	0.142	0.777
9:	-1.225	0.230
10:	0.112	0.000

X CENTROID: -0.023
Y CENTROID: -0.062
POA TO CENTROID: 0.066
HORZ SPREAD: 1.512
VERT SPREAD: 1.775
GROUP SPREAD: 1.722
MIN RADIUS: 0.148
MAX RADIUS: 1.237
MEAN RADIUS: 0.597
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



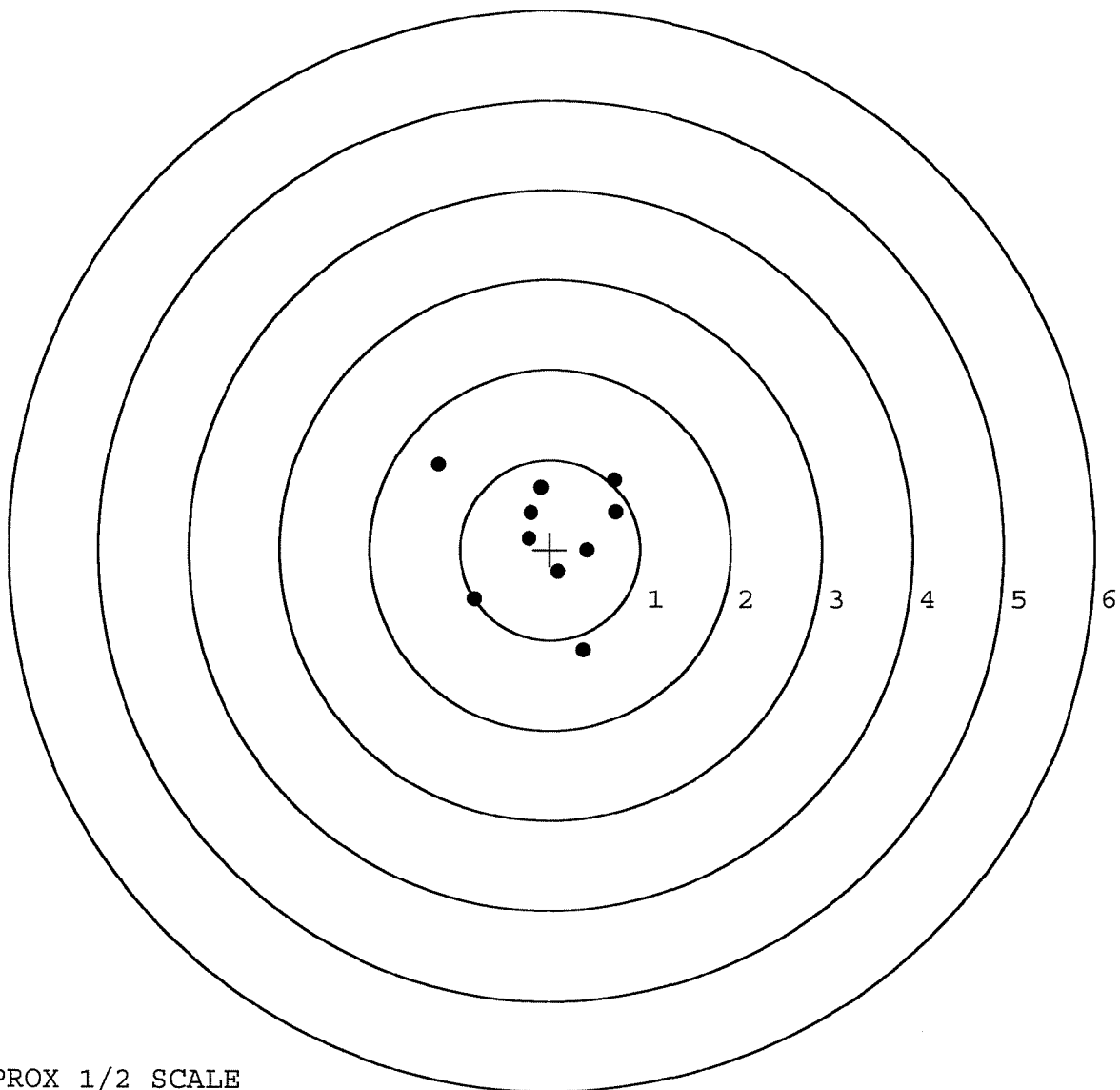
TARGET APPROX 1/2 SCALE

BARBER - M24 0043389

SERIAL NUMBER: C6348991. 0
TARGET NUMBER: 5
FILE DATE: 04/09/2003
FILE TIME: 00:54

POINT#	X	Y
1:	0.368	-1.116
2:	-0.844	-0.549
3:	-1.234	0.947
4:	0.413	-0.011
5:	0.087	-0.251
6:	0.732	0.415
7:	0.714	0.768
8:	-0.101	0.693
9:	-0.216	0.407
10:	-0.237	0.126

X CENTROID: -0.032
Y CENTROID: 0.143
POA TO CENTROID: 0.146
HORZ SPREAD: 1.966
VERT SPREAD: 2.063
GROUP SPREAD: 2.612
MIN RADIUS: 0.206
MAX RADIUS: 1.446
MEAN RADIUS: 0.758
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	C03230		
SERIAL NUMBER	C6348991		
LOG-IN DATE	3-18-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-19-03	RTL
560 A	RE-BARREL	3-20-03	RTL
B	DRILL AND TAP	3-25-03	TRW
575	ASSEMBLE	3-20-03	RTL
600	PROOF	3-26-03	RTL
605	CHECK HEADSPACE	3-20-03	RTL
610	DIS-ASSEMBLE GUN	3-21-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-21-03	RTL
618	ROTO-BLAST	3-28-03	BM
620	APPLY COATINGS	4-2-03	TA
625 A	FINAL ASSEMBLY	4-4-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-28 4-8-03	TRW
655	FINAL INSPECT		
660	PACK	4-09-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL													
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG						CSGLD - 1047(R1)													
SECTION I - EQUIPMENT DATA																			
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION											
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HHC 1/27 INF		B. LOCATION Schogfield BKS, HI 96857			C. UNIT IDENT CODE WAL8TØ												
2. SERIAL NO. C6348991		3. NOUN NOMENCLATURE M24 Sniper Rifle		4. LINE NO. R96387		5. MODEL		6. NATIONAL STOCK NUMBER 1001-01-240-2136											
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC		9C. PACING ITEM		10. HOURS		11. MILES		12. ROUNDS		13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)										15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)									
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating		☐ 790 Out of Adjustment							
☐ B Handling		☐ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☐ 387 Low Performance									
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) Verifying serial number / and weapon has fired more than 5,000 round, needs Calibration																			
B. REMARKS																			
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)																			
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3.										13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.									
23. SUBMITTED BY A.P.B.		24. RECEIVED BY																	
JULIAN DATE		JULIAN DATE																	

Repair Number: RE00009894	Serial: C6348991 Model: 700 Center Fire M/24 SWS 7.62 NATO	Repairman:	Status: Closed 6/1/00 10:31:28 AM																
Address Information Customer: ☒ Received From Return To: ☐ Received From Name: DEPARTMENT OF THE ARMY DEPARTMENT OF THE ARMY Address 1: S-4 HHC 1-27TH INF S-4 HHC 1-27TH INF Address 2: PO Box PO Box City: SCHOFIELD BARRACKS SCHOFIELD BARRACKS State: HI Zip Code: 96857 Country: US State: HI Zip Code: 96857 Country: US FFL:																			
<table border="1"> <tr> <td>Contact / Condition</td> <td>Problems</td> <td>Estimate</td> <td>History / Status</td> <td>Shipping / Billing</td> </tr> </table>				Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing											
Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing															
Contact Information Phone: Fax: Email: Comments:		Received Condition Fair Condition: Came one leg missing from the Notes: pod CSR Notes:		Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>X001</td> <td>Tool Kit</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	X001	Tool Kit	1
Code	Desc	Qty																	
A010	Hard Case	1																	
A017	Scope Base	1																	
A026	Scope	1																	
X001	Tool Kit	1																	
Repair Search		Refresh		Close															

naglell 6/1/00 1:54 PM CAPS NUM INS SCPL
 Start Inbo... Micr... Arms Nagl... Micr... Sena Part... JExpl Pri... 1:54 PM

Scope s/N 89-1241

BARBER - M24 0043393

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348991
20 Sep 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.2786$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.1192$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.303029$

THE AMR FOR THIS RIFLE IS: 1.223

CENTROIDAL DISTANCES

0 TO	1	.637699
1 TO	2	.64059
1 TO	3	.553466
1 TO	4	.557603
1 TO	5	.790135

5
34
+
2 <----POA
1

BARBER - M24 0043394

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .638

MIN RADIUS : .374

MEAN RADIUS : 1.170

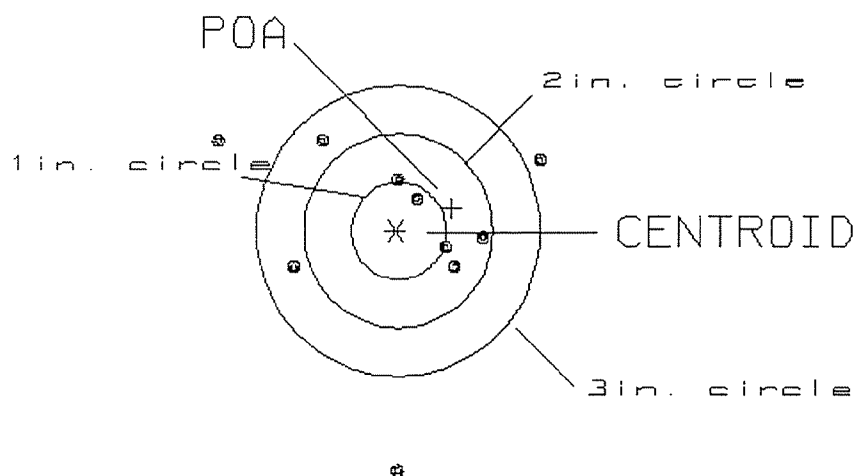
MAX RADIUS : 2.483

CENTROID X : -.594

CENTROID Y : -.232

18 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348991

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 3.46

1

VS= 3.43

5

GS= 3.95

7

BARBER - M24 0043395

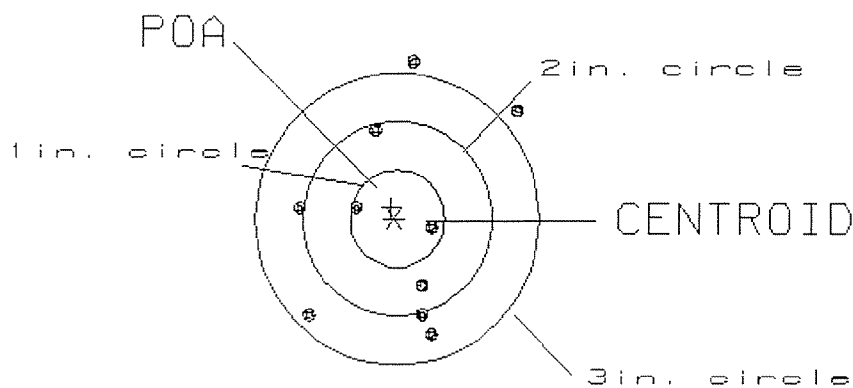
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
POA TO CENTROID: .121
MIN RADIUS : .418
MEAN RADIUS : 1.039
MAX RADIUS : 1.634
CENTROID X : .036
CENTROID Y : -.116

18 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348991

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 2.28

2

VS= 2.62

4

GS= 2.94

8

BARBER - M24 0043396

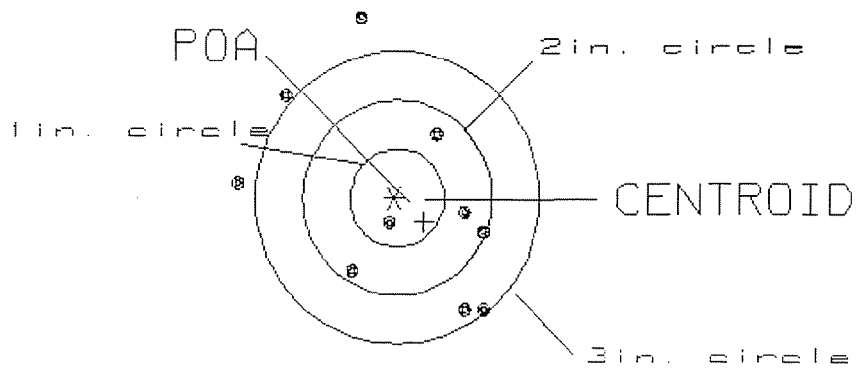
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
POA TO CENTROID: .399
MIN RADIUS : .285
MEAN RADIUS : 1.172
MAX RADIUS : 1.906
CENTROID X : -.315
CENTROID Y : .246

18 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348991

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.65
VS= 3.06
GS= 3.26

1
4
7

BARBER - M24 0043397

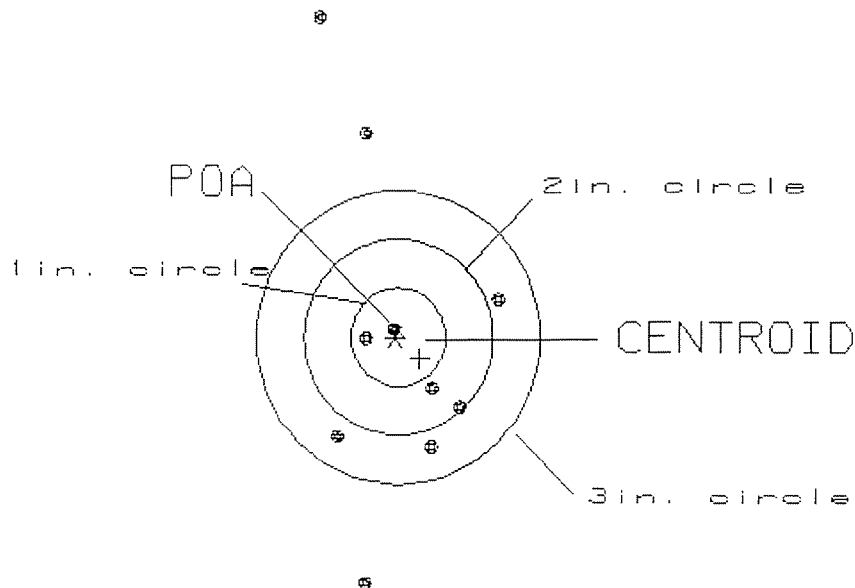
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
POA TO CENTROID: .334
MIN RADIUS : .091
MEAN RADIUS : 1.358
MAX RADIUS : 3.430
CENTROID X : -.258
CENTROID Y : .213

18 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348991

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 1.93
VS= 5.85
GS= 5.87

2
4
7

BARBER - M24 0043398

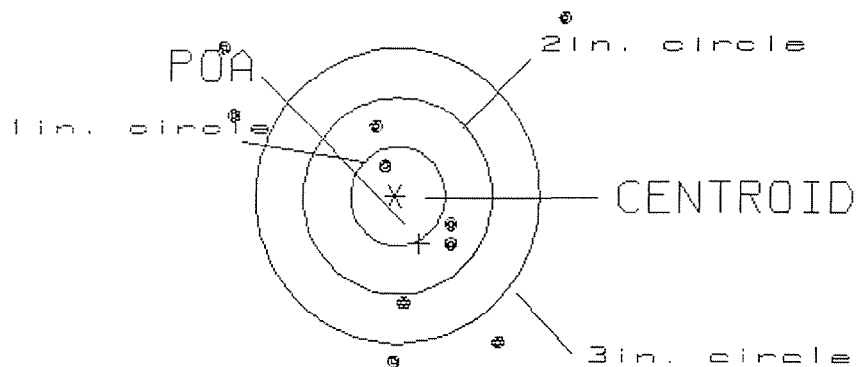
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
POA TO CENTROID: .551
MIN RADIUS : .326
MEAN RADIUS : 1.378
MAX RADIUS : 2.485
CENTROID X : -.262
CENTROID Y : .485

18 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348991

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 3.54
VS= 3.46
GS= 4.15

1
4
5

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

SERIAL NO.
C6348991

ORDER NO.
5716

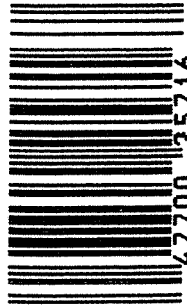
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6348991

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

Replaced

GUN SERIAL #

C6348991

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	12-20 89	<i>RW</i>
600	Proof		12-20 89	<i>A</i>
607	Check Headspace		12-20 89	<i>A</i>
610	Dis-assemble Gun		12-20 89	<i>RW</i>
612	Magnaflux Barrel Action		1-5-90	<i>KER</i>
	Magnaflux Bolt		1-5-90	
615	Rollmark Caliber		1/5/90	<i>GB</i>
17	Drill and Tap Sight Holes		1/8/90	<i>FB</i>
618	Polish Barrel <i>RB</i>		1/9/90	<i>WB</i>
620	Apply Coatings (Barrel Action)		1-15-90	<i>JA</i>
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/11/90 1/24/90	<i>WB</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/24/90	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		1/24/90	<i>RW</i>
	D) Oil Firing Pin Ass'y		1/24/90	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		1/26/90	<i>JD</i>

BARBER - M24 0043401

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2-1-90	JU
	G) Safety Off Force	3	3	3			2-1-90	JU
	H) Trigger Pull Test & Retainability						1/26/90	JD
	I) Firing Pin Indent	1022	022	022			2-1-90	JU
	J) Assemble Stock						3/1/90	RW
	K) Assemble Swivel Studs						3/12/90	WB
	L) Attach Front and Rear Sight Assemblies						3/1/90	RW
	M) Iron Sight Alignment						3/1/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/1/90	RW
	O) Attach Scope to Rifle						3/1/90	WB
	P) Detach & Attach Scope 20 Times						3/1/90	WB
640	Gallery Target & Test						3-2-90	J.S. Temp. Hcl
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection						3/12/90	WB
	A) Headspace							
	B) Trigger Pull	2.44	2.37	2.24	2.25	2.24	3/12/90	GS
	C) Function						3/12/90	WB
660	Pack						20/11/90	JD

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348991

DATE 1 Feb 90

TESTER Q28

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.58	2.35	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.52	2.31	2.37	
PULL #3	2.49	2.63	2.27	2.24	
PULL #4	2.42	2.49	2.24	2.25	
PULL #5	2.45	2.52	2.27	2.24	
TOTAL	12.45	12.74	11.47		
AVG.	2.49	2.548	2.288		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	2.85		
PULL #2	3.13	3.05		
PULL #3	3.10	2.99		
PULL #4	3.04	3.04		
PULL #5	3.07	3.12		
TOTAL	15.54	15.05		
AVG.	3.108	3.01		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	3.81		3.90
PULL #2	3.87	3.97		3.82
PULL #3	3.64	3.91		3.75
PULL #4	3.64	3.87		3.79
PULL #5	3.92	3.78		3.80
TOTAL	19.11	19.34		19.06
AVG.	3.802	3.868		3.812

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348991
2 Mar 1990

CENTROIDAL DISTANCES

Ø TO	1	.405132
1 TO	2	.553994
1 TO	3	.341844
1 TO	4	.694346
1 TO	5	.610752

$\frac{4.31}{5.21}$ <----POA

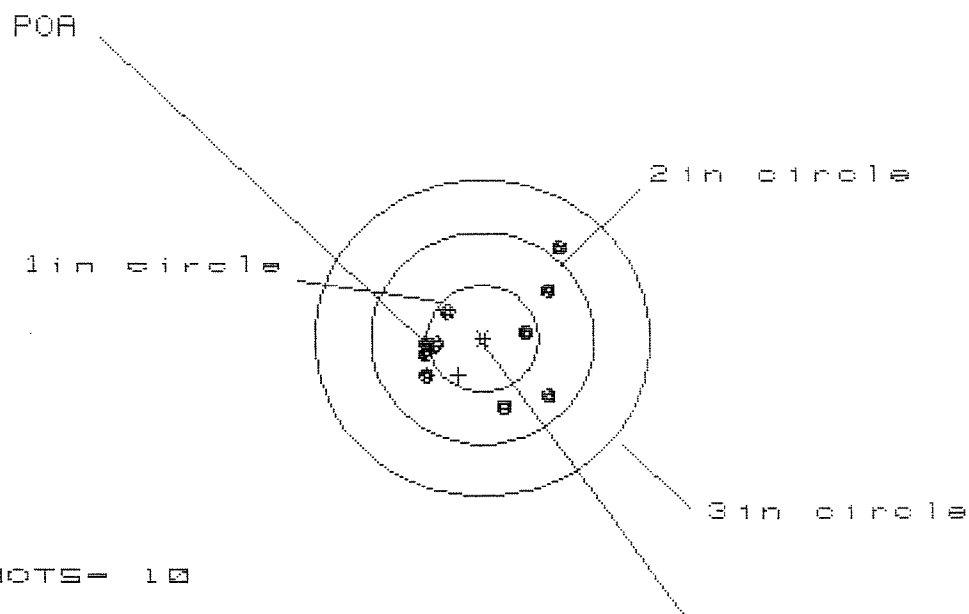
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1864
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2354
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .300263
THE AMR FOR THIS RIFLE IS: .876

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C634B991

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 9

3 in = 10

HS= 1.273

VS= 1.485

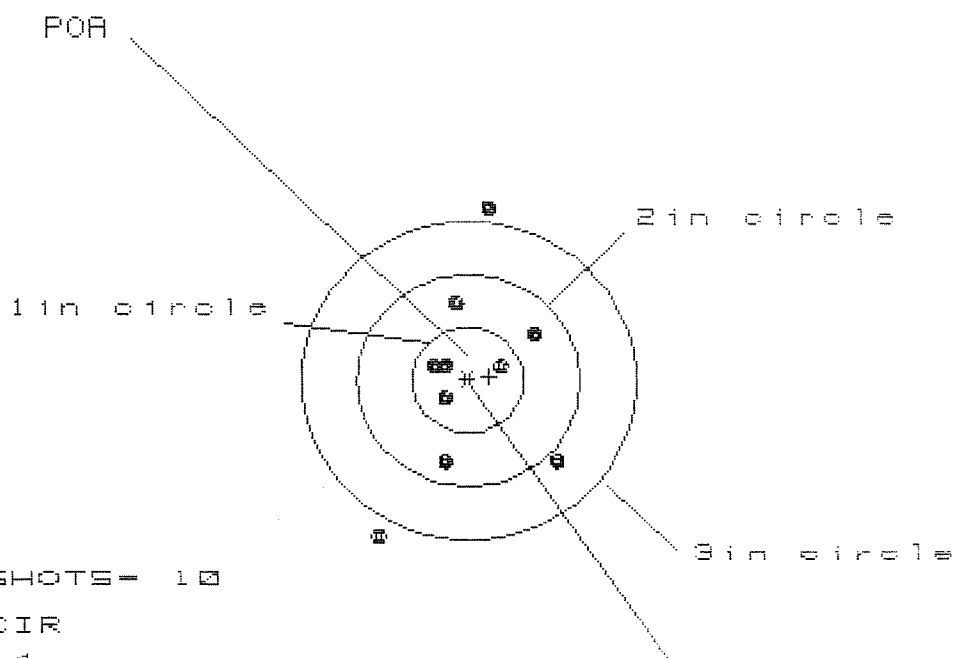
GS= 1.752

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.720	.677	.755
MINIMUM X	-.553	-.473	-.395
MAXIMUM Y	.888	.523	.466
MINIMUM Y	-.598	-.499	-.556
CENTROID X	.214	.134	.056
CENTROID Y	.344	.245	.302
POA TO CENTROID in.	.405	.279	.307
MIN RADIUS	.365	.389	.302
MEAN RADIUS	.623	.545	.494
MAX RADIUS	1.143	.856	.887
HORIZONTAL SPREAD	1.273	1.150	1.150
VERTICAL SPREAD	1.485	1.022	1.022
EXTREME SPREAD	1.752	1.363	1.363
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C634B991

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 8

HS= 1.651

VS= 3.141

GS= 3.302

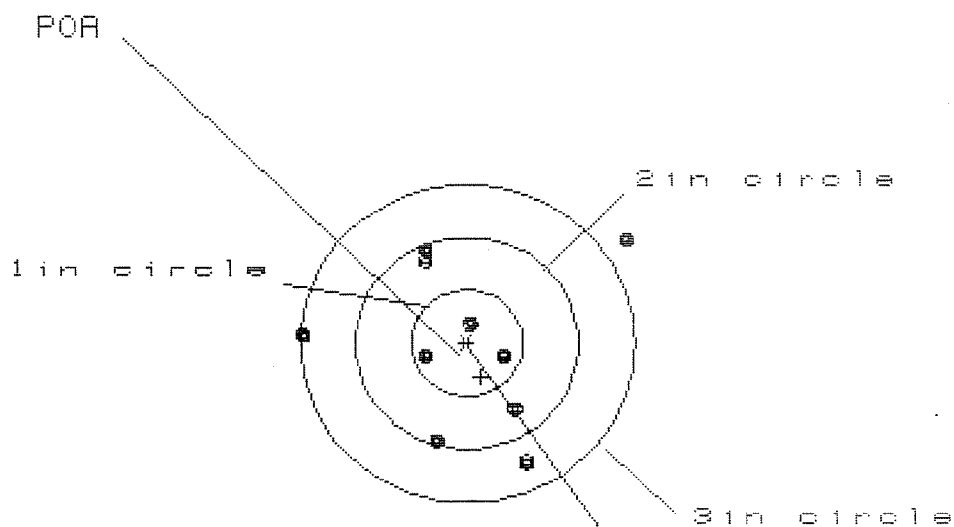
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.808	.714	.725
MINIMUM X	:	-.843	-.357	-.347
MAXIMUM Y	:	1.660	1.495	.799
MINIMUM Y	:	-1.481	-.971	-.784
CENTROID X	:	-.191	-.097	-.107
CENTROID Y	:	-.034	.131	-.056
POA TO CENTROID in.	:	.194	.163	.121
MIN RADIUS	:	.228	.218	.261
MEAN RADIUS	:	.798	.692	.585
MAX RADIUS	:	1.704	1.498	1.067
HORIZONTAL SPREAD	:	1.651	1.071	1.071
VERTICAL SPREAD	:	3.141	2.466	1.583
EXTREME SPREAD	:	3.302	2.546	1.852
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06340391

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.917

VS= 2.162

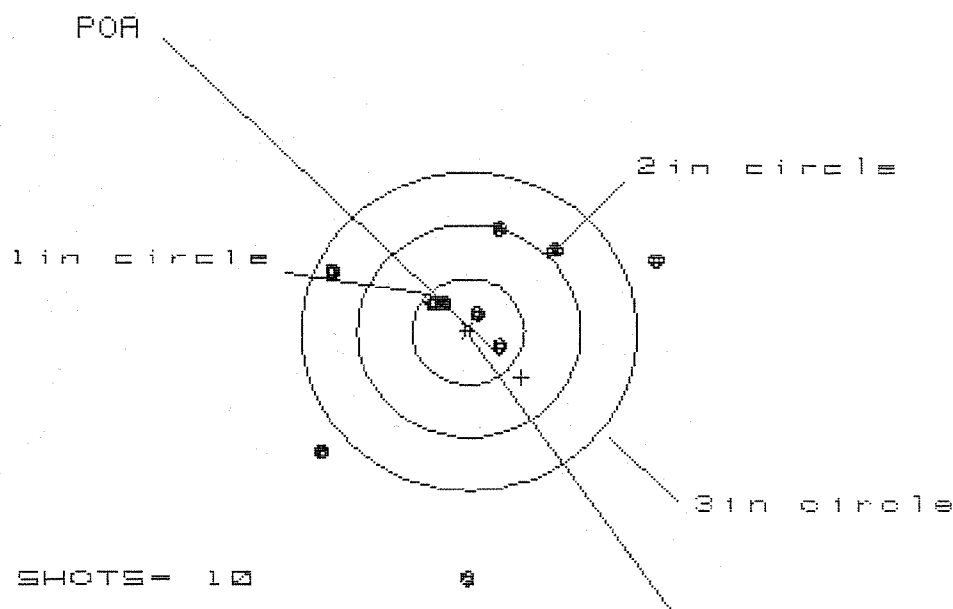
GS= 3.067

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.436	.718	.552
MINIMUM X	-1.481	-1.321	-.411
MAXIMUM Y	1.020	.948	.972
MINIMUM Y	-1.142	-1.029	-1.006
CENTROID X	-.127	-.287	-.122
CENTROID Y	.320	.207	.183
POA TO CENTROID in.	.344	.353	.220
MIN RADIUS	.202	.186	.337
MEAN RADIUS	.890	.790	.707
MAX RADIUS	1.761	1.334	1.147
HORIZONTAL SPREAD	2.917	2.039	.963
VERTICAL SPREAD	2.162	1.977	1.977
EXTREME SPREAD	3.067	2.374	2.199
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6348991

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 5

3 in = 7

HS= 3.026

VS= 3.282

GS= 3.526

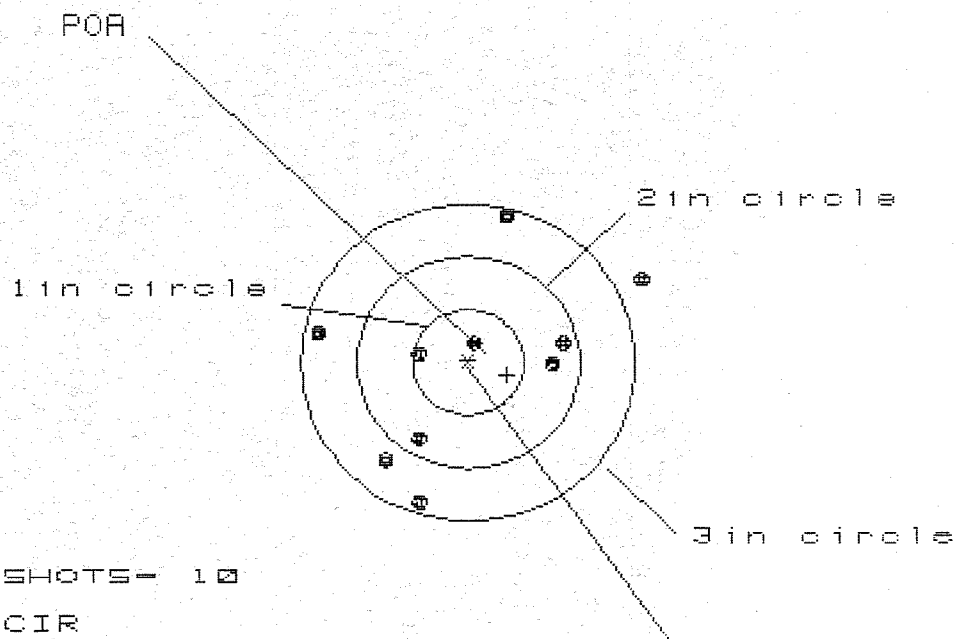
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.700	1.692	.974
MINIMUM X	:	-1.326	-1.334	-1.122
MAXIMUM Y	:	.959	.701	.753
MINIMUM Y	:	-2.322	-1.399	-1.347
CENTROID X	:	-.475	-.467	-.679
CENTROID Y	:	.430	.689	.637
POA TO CENTROID in.	:	.641	.832	.931
MIN RADIUS	:	.177	.106	.032
MEAN RADIUS	:	1.050	.853	.730
MAX RADIUS	:	2.324	1.933	1.753
HORIZONTAL SPREAD	:	3.026	3.026	2.096
VERTICAL SPREAD	:	3.282	2.100	2.100
EXTREME SPREAD	:	3.526	3.526	2.817
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

2 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6346991

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.857

VS= 2.743

GS= 2.926

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.531
MINIMUM X	-1.326
MAXIMUM Y	1.402
MINIMUM Y	-1.341
CENTROID X	-.353
CENTROID Y	.117
POA TO CENTROID in.	.371
MIN RADIUS	.147
MEAN RADIUS	1.019
MAX RADIUS	1.742
HORIZONTAL SPREAD	2.857
VERTICAL SPREAD	2.743
EXTREME SPREAD	2.926
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348991
16 Mar 1990

CENTROIDAL DISTANCES

Ø TO	1	.406453
1 TO	2	.415491
1 TO	3	.233692
1 TO	4	.402495
1 TO	5	.134495

5# <----POA

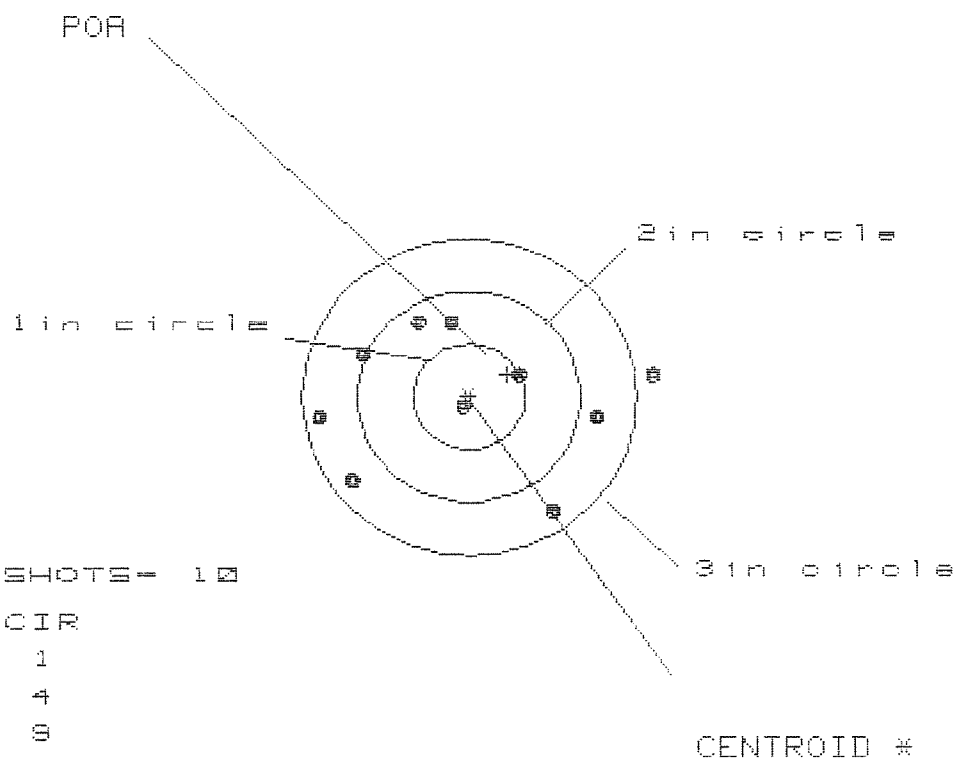
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1674
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0694
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .181216
THE AMR FOR THIS RIFLE IS: .9186

16 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CS34B391.1

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

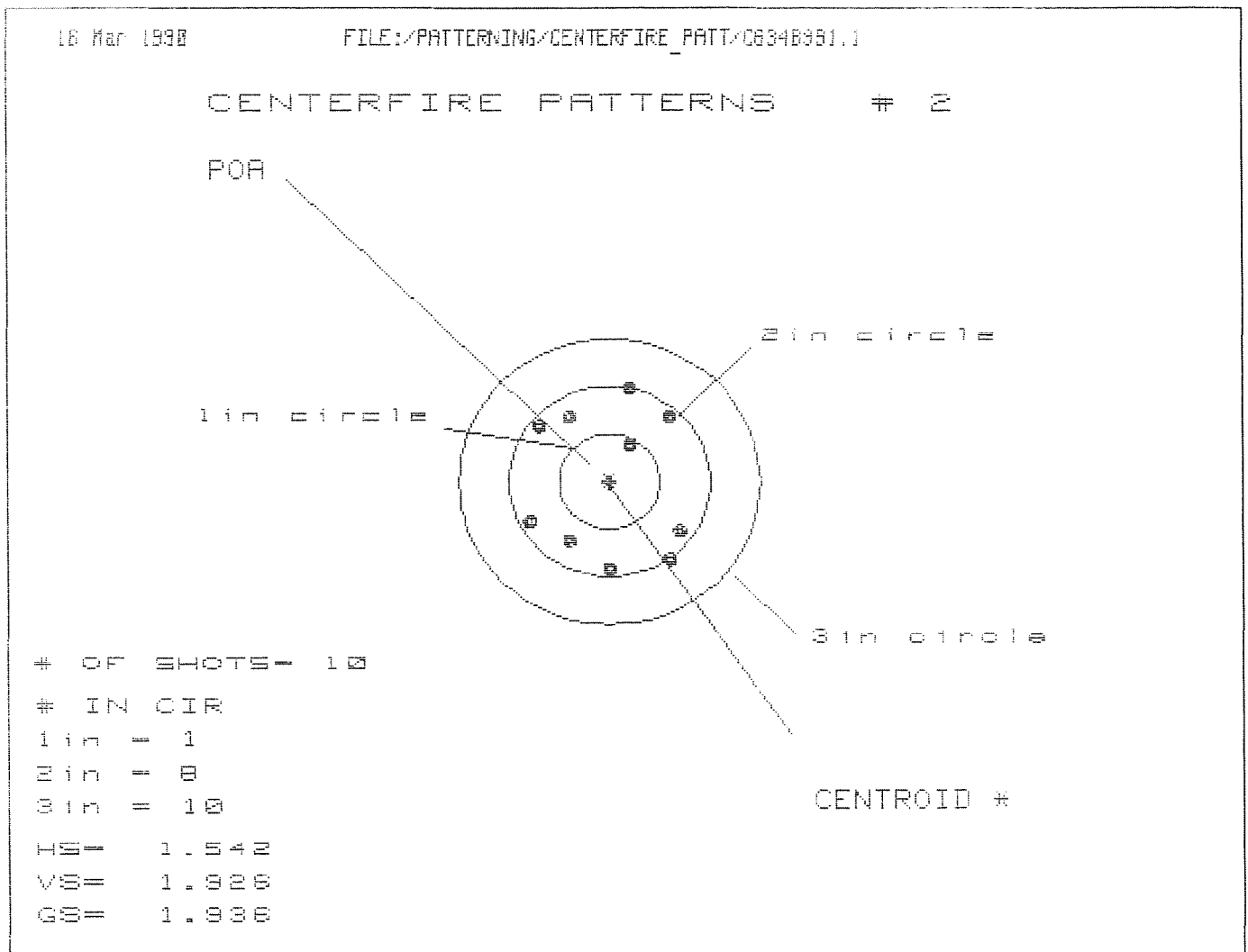
HS= 2.940

VS= 1.844

GS= 2.959

CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.629	1.345	1.464
MINIMUM X	:	-1.311	-1.130	-1.011
MAXIMUM Y	:	.730	.749	.612
MINIMUM Y	:	-1.114	-1.095	-.859
CENTROID X	:	-.348	-.529	-.648
CENTROID Y	:	-.210	-.229	-.092
POA TO CENTROID in.	:	.406	.577	.654
MIN RADIUS	:	.142	.151	.332
MEAN RADIUS	:	1.011	.930	.847
MAX RADIUS	:	1.638	1.450	1.487
HORIZONTAL SPREAD	:	2.940	2.475	2.475
VERTICAL SPREAD	:	1.844	1.844	1.471
EXTREME SPREAD	:	2.959	2.475	2.475
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

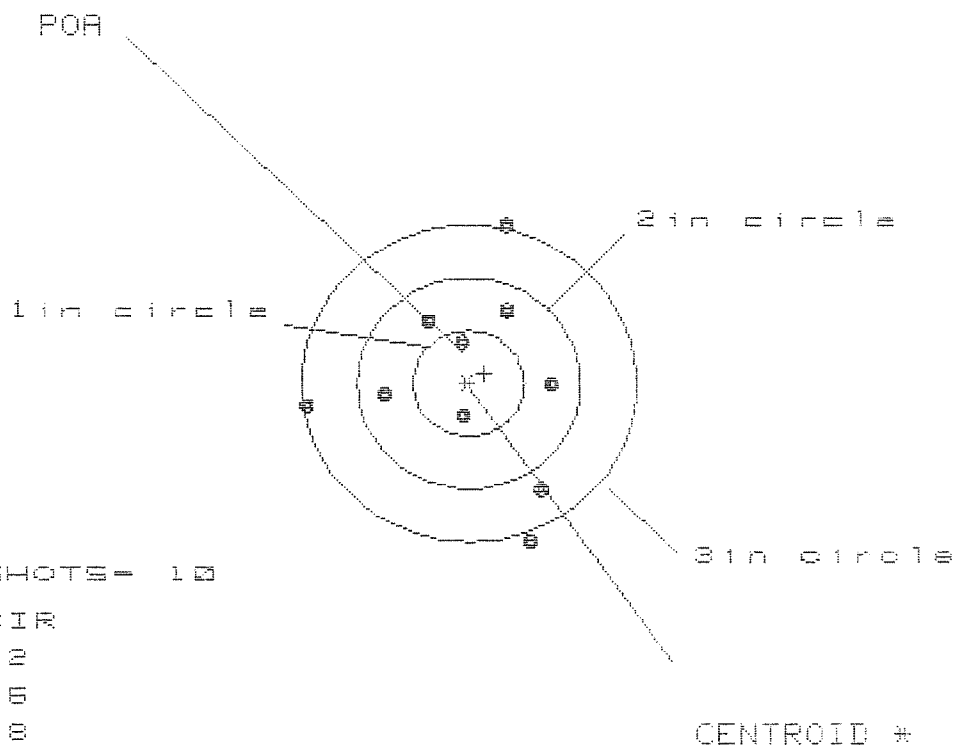


PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.737	.764	.838
MINIMUM X	-.805	-.778	-.704
MAXIMUM Y	1.003	.813	.724
MINIMUM Y	-.923	-.811	-.900
CENTROID X	.000	-.027	-.101
CENTROID Y	.017	-.095	-.006
POA TO CENTROID in.	.017	.098	.102
MIN RADIUS	.421	.534	.491
MEAN RADIUS	.850	.825	.802
MAX RADIUS	1.032	.965	.995
HORIZONTAL SPREAD	1.542	1.542	1.542
VERTICAL SPREAD	1.926	1.624	1.624
EXTREME SPREAD	1.936	1.893	1.837
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	10	

16 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/05348991.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.138

VS= 2.964

GS= 2.973

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.695	.758	.888
MINIMUM X	-1.443	-1.380	-1.329
MAXIMUM Y	1.503	1.341	.665
MINIMUM Y	-1.461	-1.209	-1.041
CENTROID X	-.144	-.207	-.258
CENTROID Y	-.096	.067	-.101
POA TO CENTROID in.	.173	.218	.277
MIN RADIUS	.326	.193	.331
MEAN RADIUS	.935	.840	.777
MAX RADIUS	1.567	1.425	1.338
HORIZONTAL SPREAD	2.138	2.138	2.138
VERTICAL SPREAD	2.964	2.550	1.786
EXTREME SPREAD	2.973	2.574	2.313
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

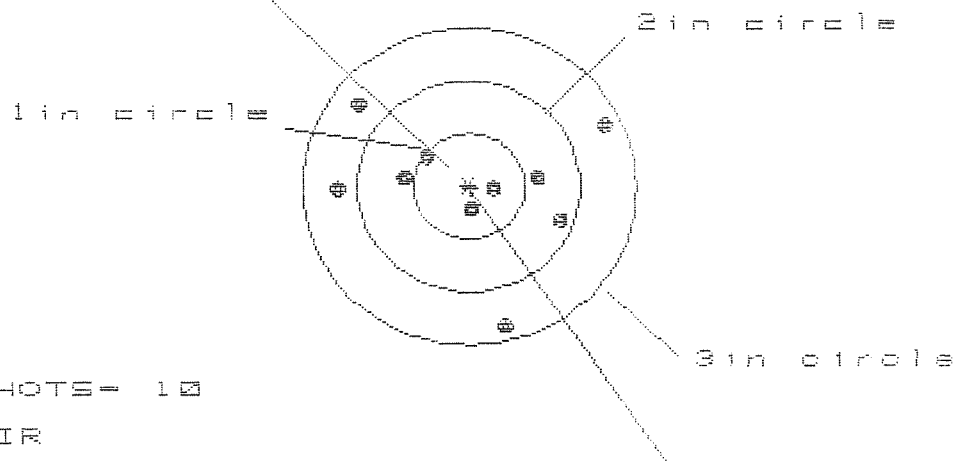
18 Mar 1980

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CENTERFIRE PATTERNS

4

POR



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.374

VS= 2.135

GS= 2.475

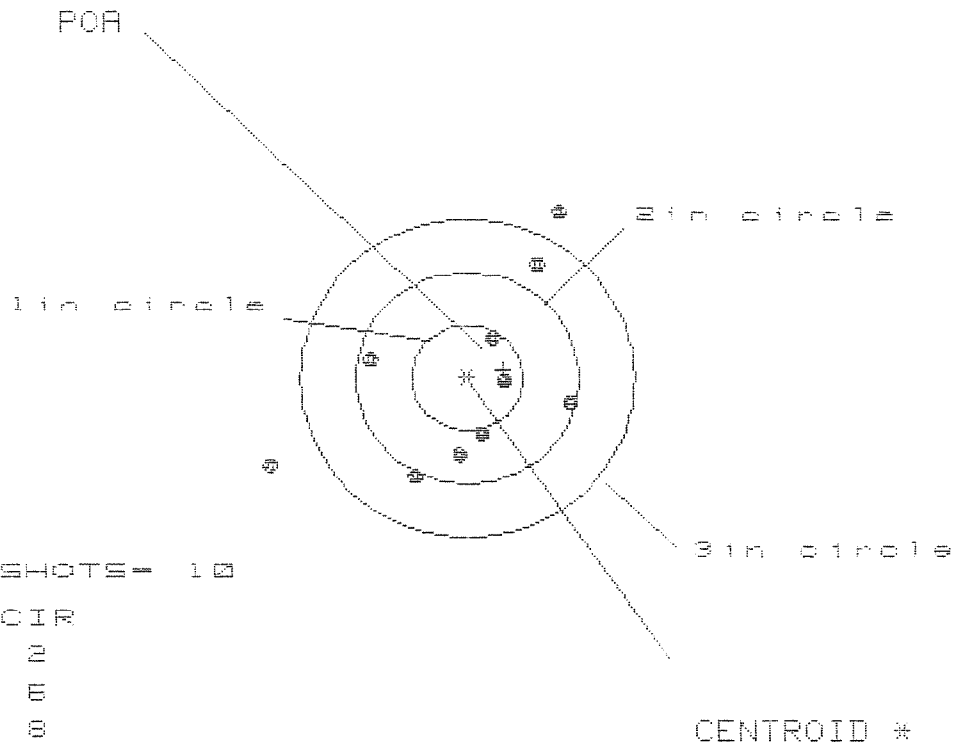
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.194	1.225	1.004
MINIMUM X	-1.180	-1.149	-.996
MAXIMUM Y	.809	.662	.722
MINIMUM Y	-1.325	-.462	-.402
CENTROID X	-.017	-.048	-.201
CENTROID Y	.019	.166	.106
POR TO CENTROID in.	.025	.173	.228
MIN RADIUS	.215	.284	.262
MEAN RADIUS	.819	.762	.680
MAX RADIUS	1.355	1.315	1.082
HORIZONTAL SPREAD	2.374	2.374	2.000
VERTICAL SPREAD	2.135	1.124	1.124
EXTREME SPREAD	2.475	2.459	2.114
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

16 Mar 1998

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.678

VS= 2.467

GS= 3.532

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.935	.741	.818
MINIMUM X	-1.743	-1.047	-.970
MAXIMUM Y	1.575	1.479	1.137
MINIMUM Y	-.892	-.988	-.803
CENTROID X	-.328	-.134	-.211
CENTROID Y	-.077	.019	-.166
POA TO CENTROID in.	.337	.135	.269
MIN RADIUS	.336	.174	.235
MEAN RADIUS	.978	.841	.729
MAX RADIUS	1.946	1.603	1.241
HORIZONTAL SPREAD	2.678	1.788	1.788
VERTICAL SPREAD	2.467	2.467	1.940
EXTREME SPREAD	3.532	2.774	2.216
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		