

CB349155

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00156489

Serial: C6349166 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Verify Repair

Status:

Closed 12/6/2008 7:41:49 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY SUPPLY OFFICER

DEPARTMENT OF THE ARMY SUPPLY OFFICER

Address 1: DOL SISA BLDG 9660 BAY A

DOL SISA BLDG 9660 BAY A

Address 2: BOX 339500 MAIL STOP 181

PO Box:

BOX 339500 MAIL STOP 181

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

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	2
A010	Hard Case SYS	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

12/8/2008

12:28 PM

CAPS

NUM

INS

SCRL



B. Pad

m.m. ARD

Serial Number: C6349166

Model: M24 SWS



RE00156489

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349166.__1
FILE DATE AND TIME: 01/12/2009 08:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

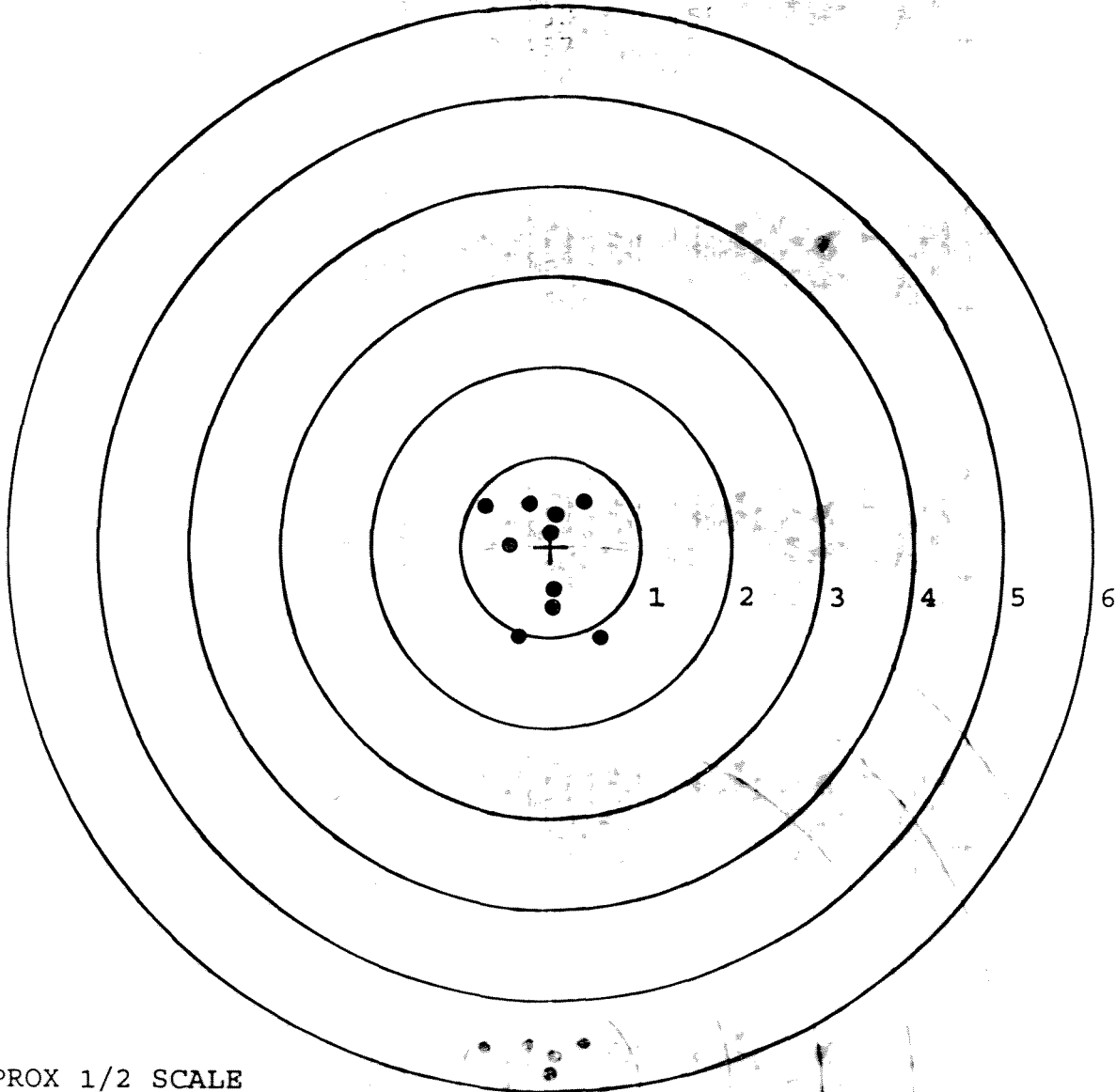
The Average X Centroid of the Five Target Set:	-0.045
The Average Y Centroid of the Five Target Set:	-0.165
The Average Point of Impact of the Five Target Set:	0.171
The Average Mean Radius of the Five Target Set:	0.636
The Distance from POA to Centroid Target #1:	0.139
The Distance from Centroid Target #2 to Centroid Target #1:	0.065
The Distance from Centroid Target #3 to Centroid Target #1:	0.140
The Distance from Centroid Target #4 to Centroid Target #1:	0.148
The Distance from Centroid Target #5 to Centroid Target #1:	0.041

ALL DATA IS REPORTED IN UNITS OF INCHES

SERIAL NUMBER: C6349166. __1
TARGET NUMBER: 1
FILE DATE: 01/12/2009
FILE TIME: 08:29

X CENTROID: -0.075
Y CENTROID: -0.118
POA TO CENTROID: 0.139
HORZ SPREAD: 1.286
VERT SPREAD: 1.512
GROUP SPREAD: 1.954
MIN RADIUS: 0.285
MAX RADIUS: 1.094
MEAN RADIUS: 0.639
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.358	-0.988
2:	0.554	-1.013
3:	0.021	-0.678
4:	-0.732	0.458
5:	-0.457	0.022
6:	0.368	0.499
7:	0.005	0.156
8:	-0.238	0.486
9:	0.057	0.356
10:	0.034	-0.474

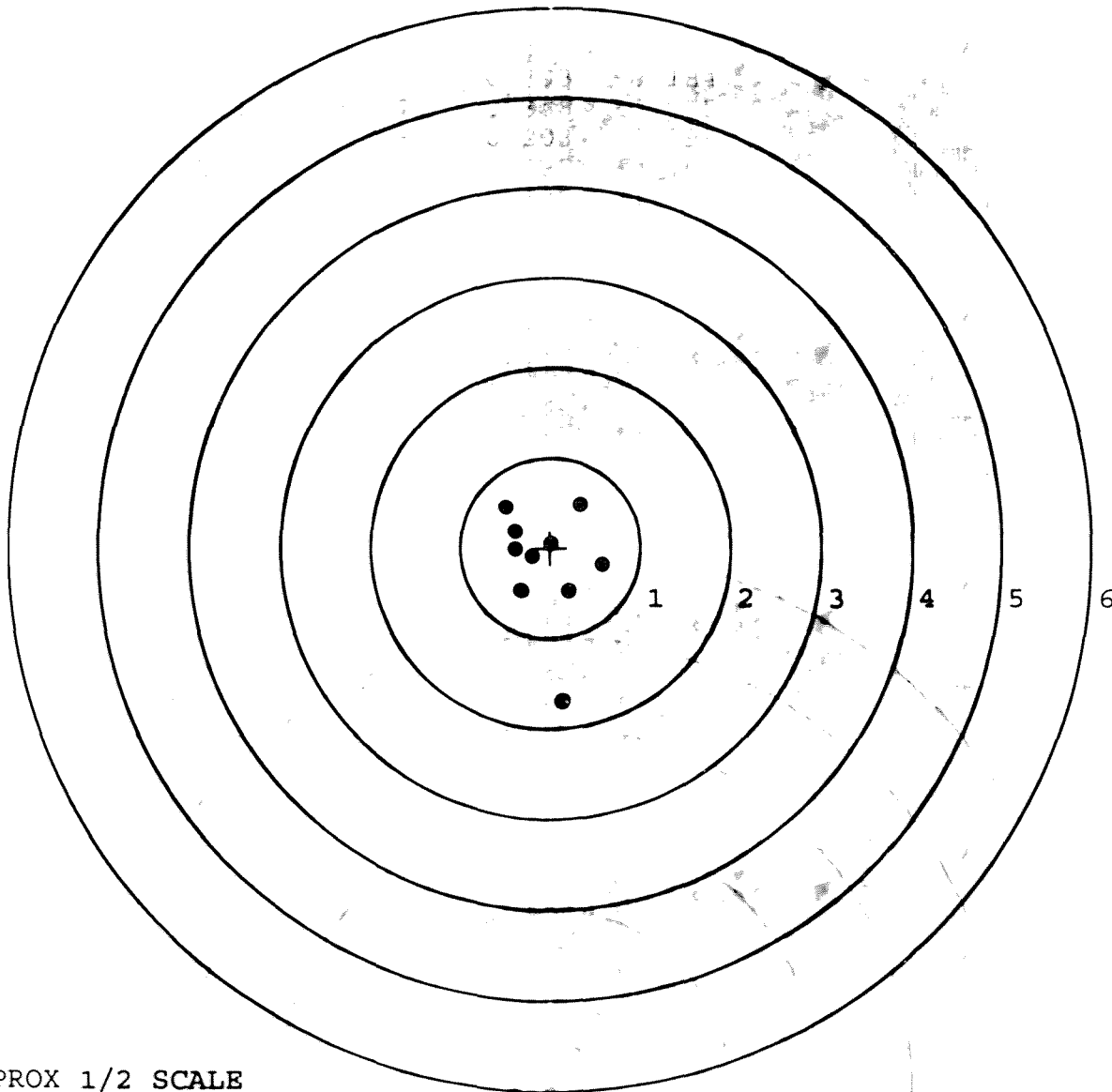


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. __1
 TARGET NUMBER: 2
 FILE DATE: 01/12/2009
 FILE TIME: 08:29

X CENTROID: -0.055
 Y CENTROID: -0.179
 POA TO CENTROID: 0.188
 HORZ SPREAD: 1.071
 VERT SPREAD: 2.181
 GROUP SPREAD: 2.243
 MIN RADIUS: 0.169
 MAX RADIUS: 1.537
 MEAN RADIUS: 0.576
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.331	0.477
2:	0.576	-0.190
3:	0.205	-0.475
4:	0.010	0.049
5:	-0.495	0.448
6:	-0.393	0.184
7:	-0.388	-0.015
8:	-0.203	-0.098
9:	-0.329	-0.469
10:	0.137	-1.704

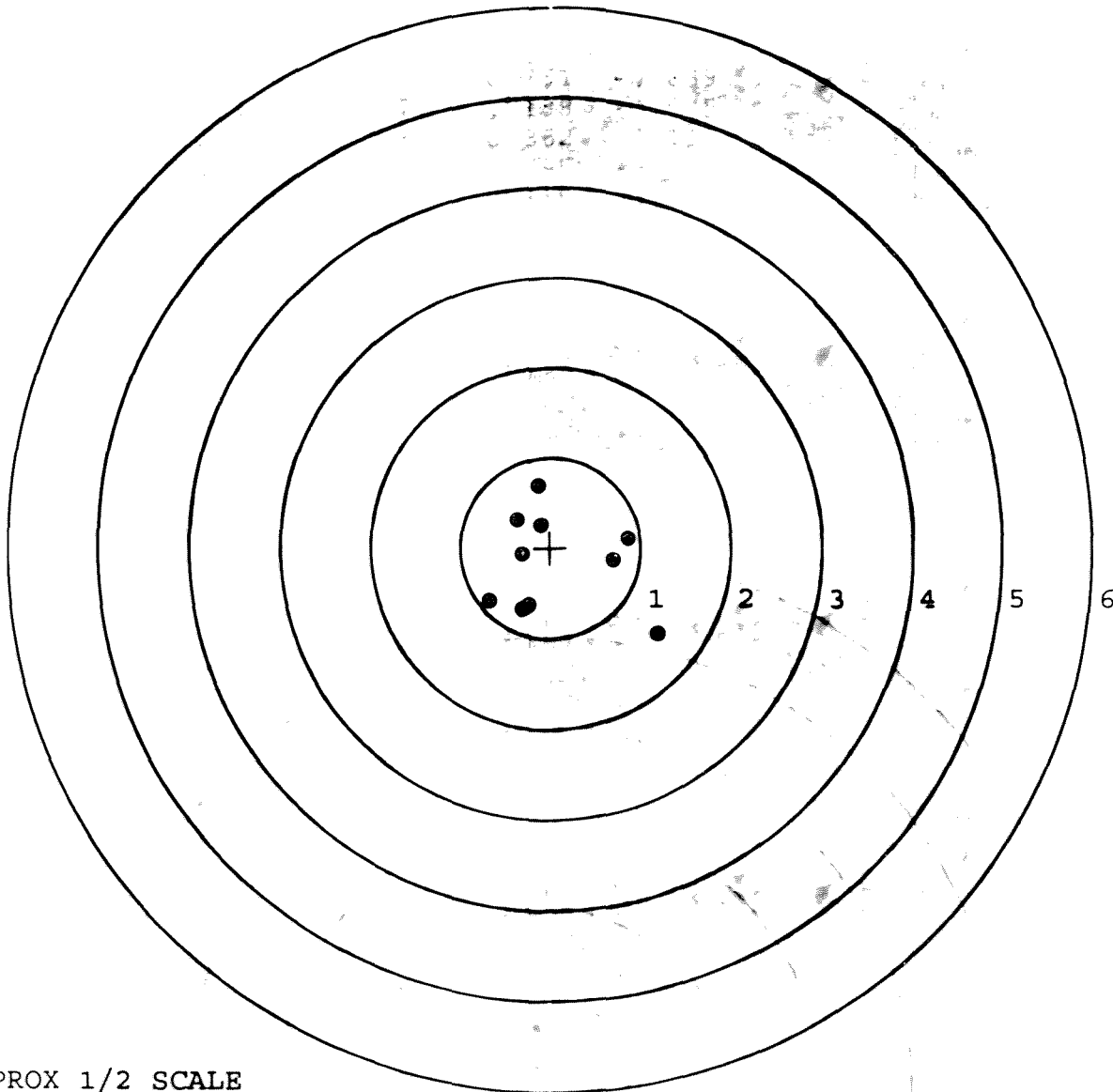


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. __1
 TARGET NUMBER: 3
 FILE DATE: 01/12/2009
 FILE TIME: 08:29

X CENTROID: 0.056
 Y CENTROID: -0.170
 POA TO CENTROID: 0.179
 HORZ SPREAD: 1.868
 VERT SPREAD: 1.637
 GROUP SPREAD: 2.105
 MIN RADIUS: 0.384
 MAX RADIUS: 1.372
 MEAN RADIUS: 0.727
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.136	0.692
2:	-0.108	0.248
3:	-0.377	0.313
4:	-0.317	-0.078
5:	-0.680	-0.585
6:	-0.251	-0.639
7:	1.188	-0.945
8:	0.862	0.112
9:	0.695	-0.139
10:	-0.319	-0.677



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. __ 1

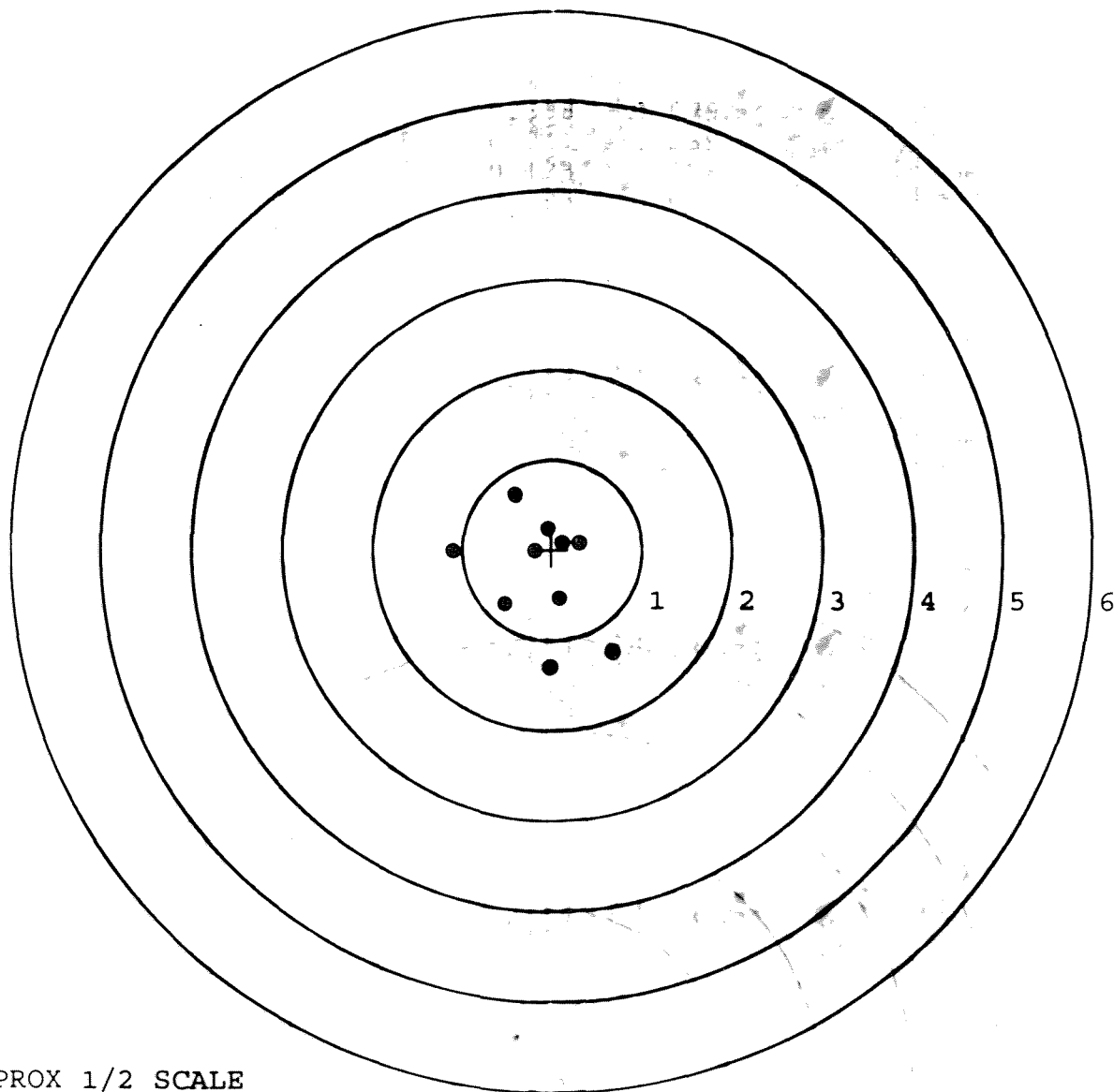
TARGET NUMBER: 4

FILE DATE: 01/12/2009

FILE TIME: 08:29

X CENTROID: -0.111
 Y CENTROID: -0.261
 POA TO CENTROID: 0.284
 HORZ SPREAD: 1.785
 VERT SPREAD: 1.928
 GROUP SPREAD: 2.100
 MIN RADIUS: 0.255
 MAX RADIUS: 1.175
 MEAN RADIUS: 0.678
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.419	0.617
2:	-1.106	-0.024
3:	-0.532	-0.595
4:	0.087	-0.543
5:	-0.018	-1.311
6:	0.679	-1.131
7:	0.308	0.079
8:	-0.041	0.239
9:	0.123	0.078
10:	-0.193	-0.020

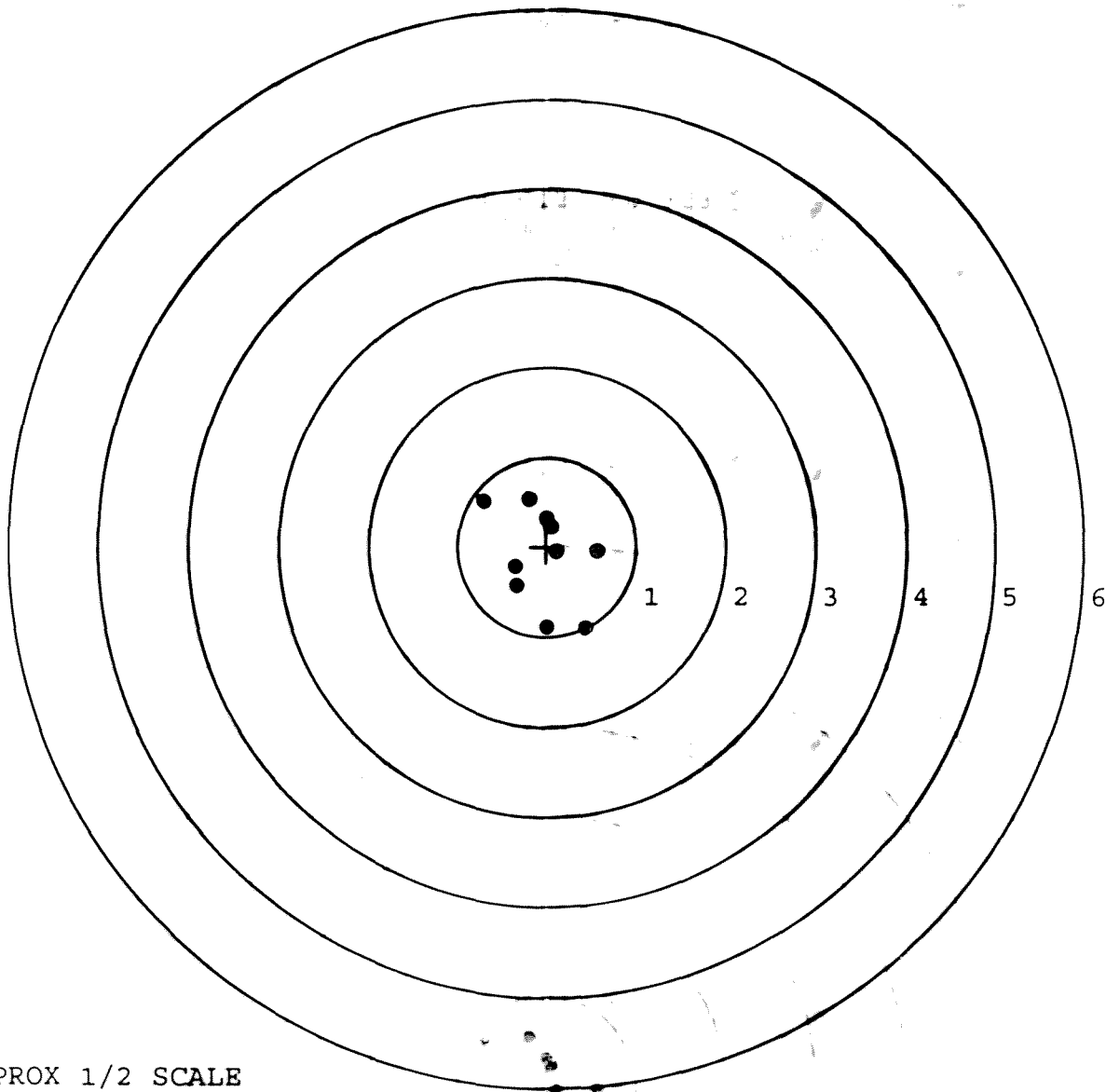


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. 1
 TARGET NUMBER: 5
 FILE DATE: 01/12/2009
 FILE TIME: 08:29

X CENTROID: -0.040
 Y CENTROID: -0.096
 POA TO CENTROID: 0.104
 HORZ SPREAD: 1.283
 VERT SPREAD: 1.439
 GROUP SPREAD: 1.827
 MIN RADIUS: 0.162
 MAX RADIUS: 0.939
 MEAN RADIUS: 0.562
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.438	-0.905
2:	-0.006	-0.894
3:	-0.335	-0.437
4:	-0.351	-0.224
5:	0.572	-0.052
6:	0.117	-0.057
7:	0.059	0.231
8:	-0.711	0.516
9:	-0.194	0.534
10:	0.012	0.323



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE20-02-C-0149

R & S NUMBER

156489

SERIAL NUMBER

06349166

LOG-IN DATE

12-6-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		12-10-08	RT
505	RE-BARREL		12-10-08	RT
560	ASSEMBLE		12-10-08	LR
600	PROOF	MAGNA - FLUX	12-15-08	RPD
605	CHECK HEADSPACE		12-15-08	RPD
610	DIS-ASSEMBLE GUN		12-15-08	RPD
612	MAGNAFLUX	OPERATOR 	12-20-08	
510	DRILL AND TAP		12-16-08	JP
615	ROLLMARK CALIBER		12/20/08	RT
618	ROTO-BLAST		1/1	R
620	APPLY COATINGS		1/1	✓
625	FINAL ASSEMBLY		1-8-09	RT
640	FUNCTION TEST AND	PASS FAIL	1-9-09	RPD
650	TARGET	PASS FAIL	1-9-09	RPD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		1-9-09	RP
	A) HEADSPACE	PASS FAIL	1-12-09	RP
			1-12-09	RP
	BI TRIGGER PULL	2.50 2.50 2.49 2.46 2.46	1-12-09	TC
680	F SAFETY ON FORCE	4.0 4.0 4.0	1-12-09	RP
	G SAFETY OFF FORCE	5.0 5.0 6.0	1-12-09	RP
	I) FIRING PIN INDENT	.003 .003 .003	1-12-09	RP
690	PACK		1/13/09	FM

Repair Inquiry

Repair Number: RE00125973

Serial: C6349166 Model M24 SWS Center Fire
Produced: 12/13/1989

Repairman:

Verify Repair

Status:

Closed 3/2/2007 8:32:54 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DEPT. OF THE ARMY.

DEPT. OF THE ARMY.

Address 1: C. CO.2/23 INF. 4TH DDE. 2ID

C. CO.2/23 INF. 4TH DDE. 2ID

Address 2: ARMORER NCO. SUPPLY NCO

PO Box:

ARMORER NCO. SUPPLY NCO

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

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
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

3/5/2007

8:18 AM

CAPS

NUM

INS

SCRL



3 Mi...

Arms ...

Part S...

3 Mi...

4 Int...

MyLab...

8:18 AM

Serial Number:

C6349166

Model: M24 SWS



RE00125973

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349166.___0
FILE DATE AND TIME: 03/14/2007 22:28

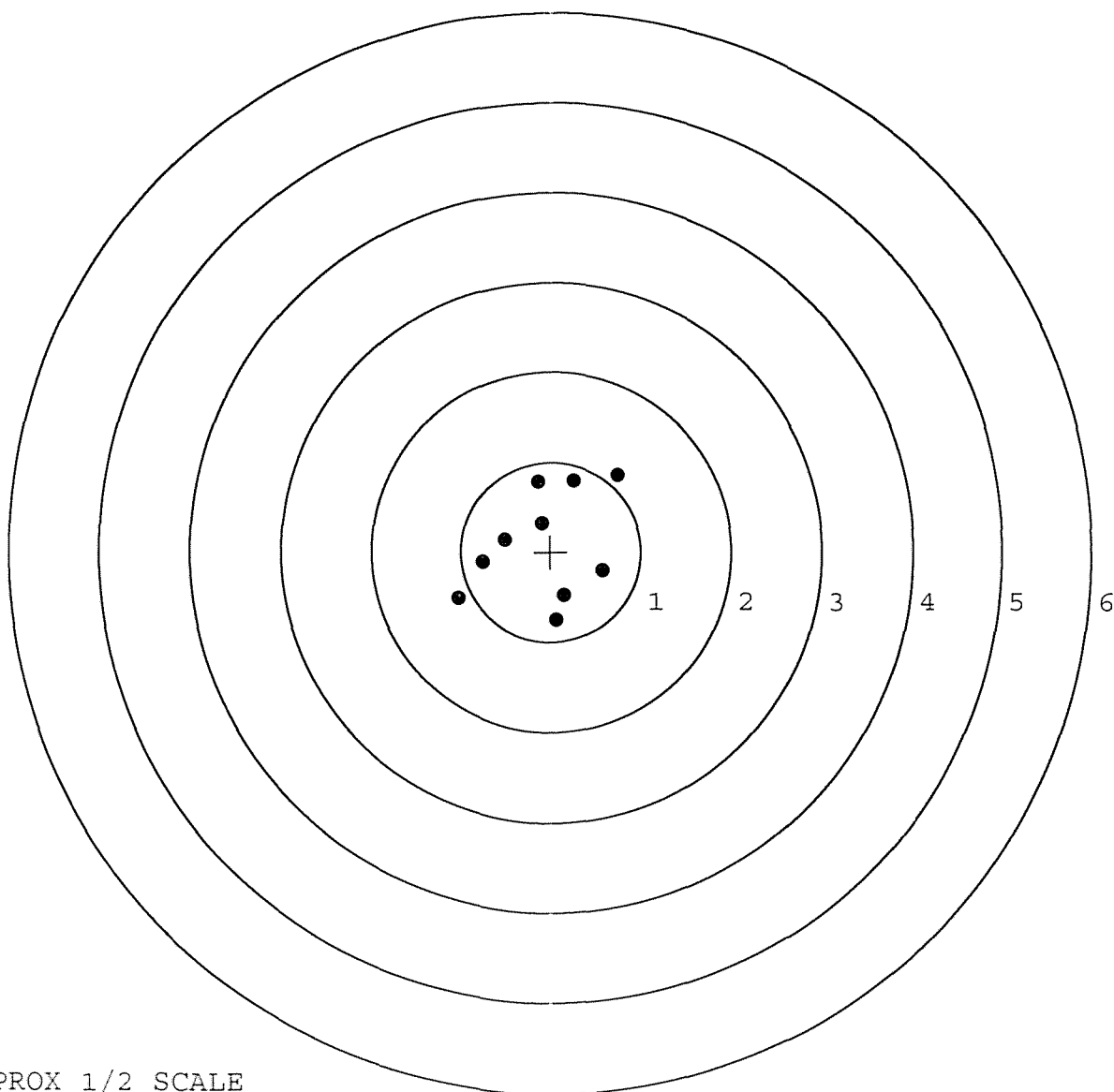
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.057
The Average Y Centroid of the Five Target Set:	0.049
The Average Point of Impact of the Five Target Set:	0.075
The Average Mean Radius of the Five Target Set:	0.595
The Distance from POA to Centroid Target #1:	0.107
The Distance from Centroid Target #2 to Centroid Target #1:	0.119
The Distance from Centroid Target #3 to Centroid Target #1:	0.076
The Distance from Centroid Target #4 to Centroid Target #1:	0.108
The Distance from Centroid Target #5 to Centroid Target #1:	0.043

SERIAL NUMBER: C6349166. 0
 TARGET NUMBER: 1
 FILE DATE: 03/14/2007
 FILE TIME: 22:28

POINT#	X	Y
1:	-1.027	-0.527
2:	-0.754	-0.119
3:	-0.507	0.136
4:	-0.144	0.782
5:	-0.100	0.316
6:	0.254	0.792
7:	0.741	0.858
8:	0.580	-0.213
9:	0.152	-0.491
10:	0.061	-0.763

X CENTROID: -0.074
 Y CENTROID: 0.077
 POA TO CENTROID: 0.107
 HORZ SPREAD: 1.768
 VERT SPREAD: 1.621
 GROUP SPREAD: 2.246
 MIN RADIUS: 0.240
 MAX RADIUS: 1.129
 MEAN RADIUS: 0.731
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

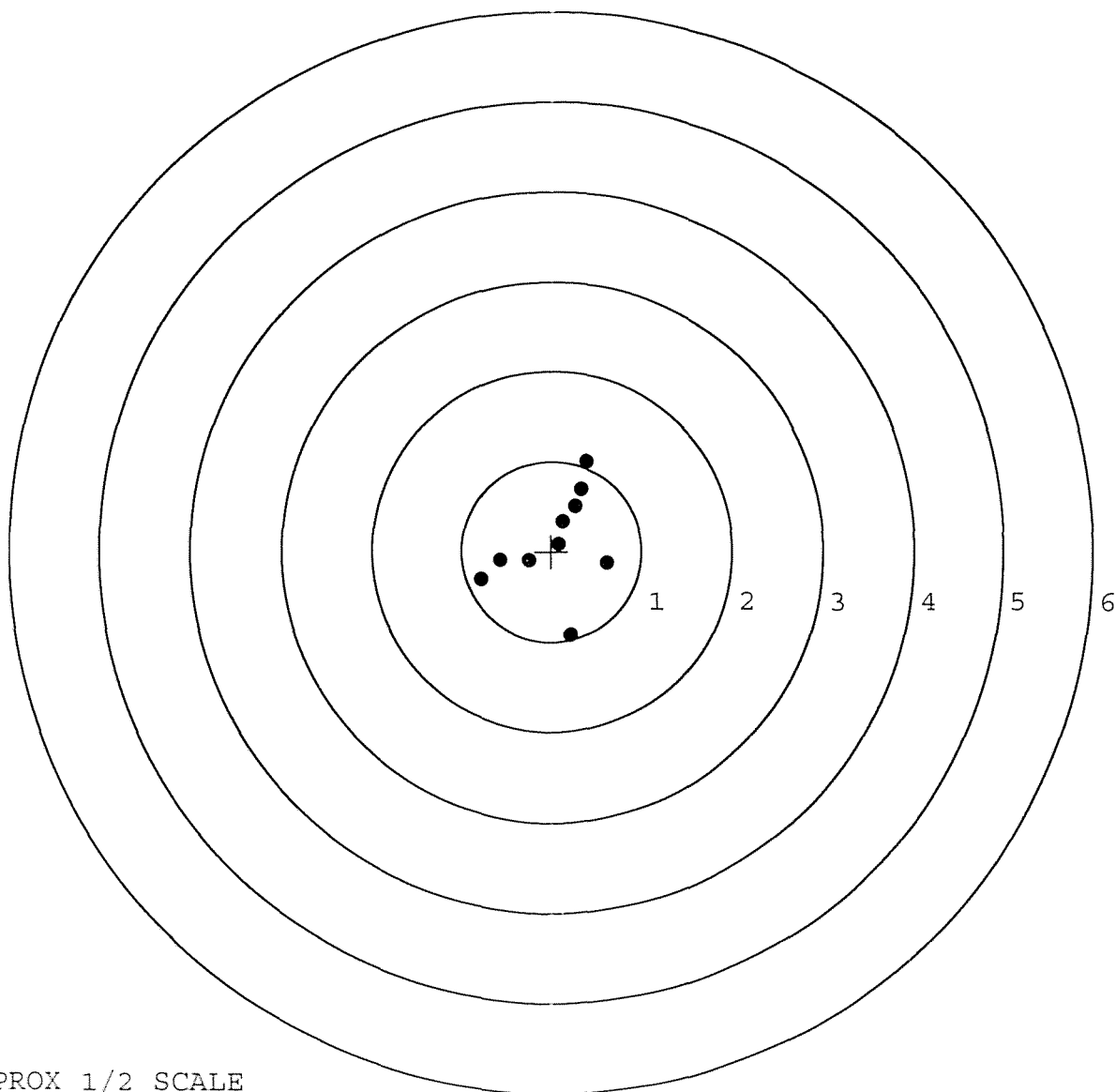


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. 0
 TARGET NUMBER: 2
 FILE DATE: 03/14/2007
 FILE TIME: 22:28

X CENTROID: 0.042
 Y CENTROID: 0.102
 POA TO CENTROID: 0.110
 HORZ SPREAD: 1.395
 VERT SPREAD: 1.928
 GROUP SPREAD: 1.936
 MIN RADIUS: 0.047
 MAX RADIUS: 1.046
 MEAN RADIUS: 0.597
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.614	-0.139
2:	0.217	-0.930
3:	-0.781	-0.323
4:	-0.572	-0.101
5:	-0.251	-0.101
6:	0.085	0.084
7:	0.126	0.338
8:	0.263	0.503
9:	0.329	0.688
10:	0.388	0.998

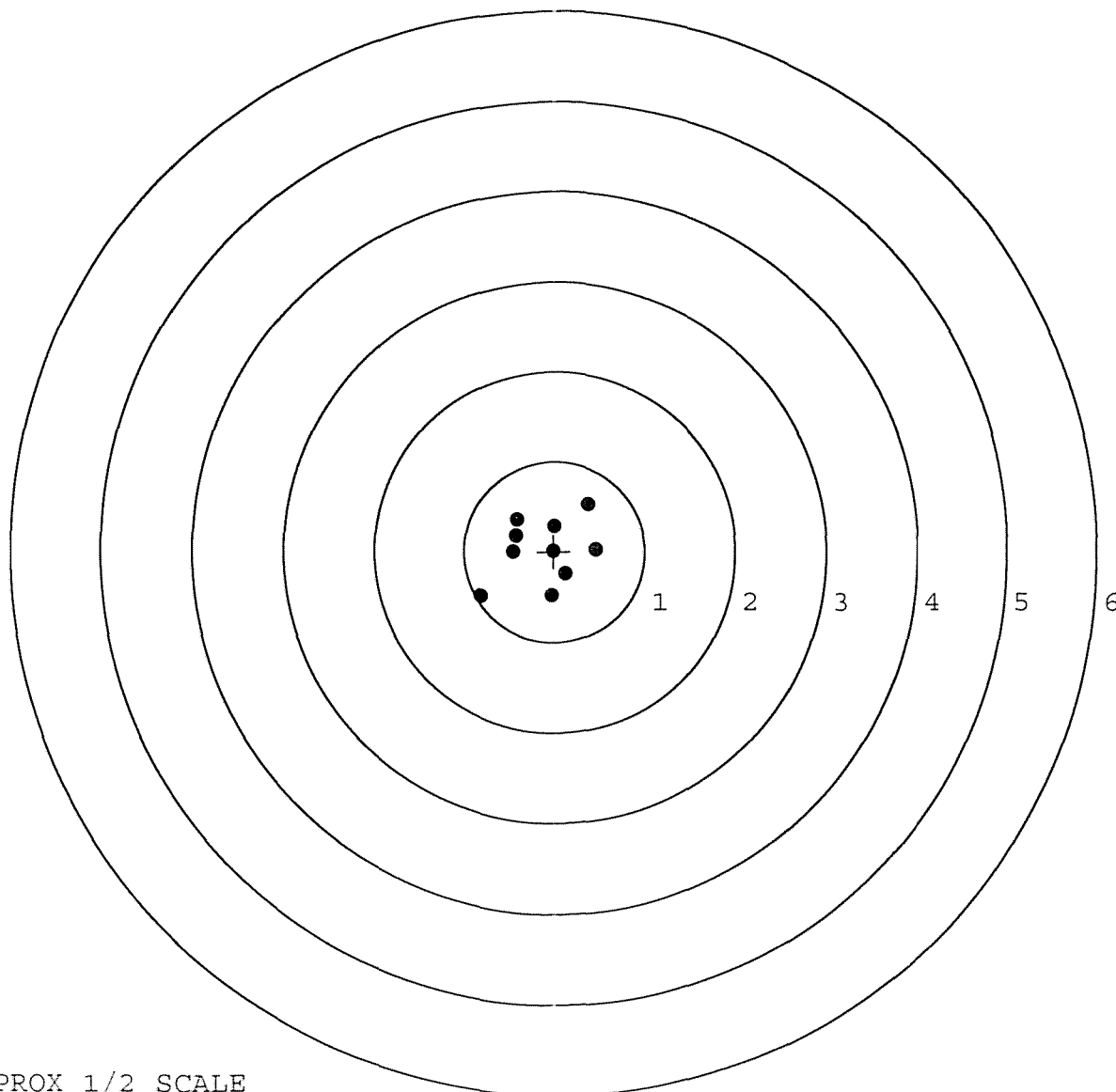


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. __0
 TARGET NUMBER: 3
 FILE DATE: 03/14/2007
 FILE TIME: 22:28

X CENTROID: -0.117
 Y CENTROID: 0.014
 POA TO CENTROID: 0.118
 HORZ SPREAD: 1.279
 VERT SPREAD: 1.010
 GROUP SPREAD: 1.561
 MIN RADIUS: 0.110
 MAX RADIUS: 0.859
 MEAN RADIUS: 0.456
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.415	0.358
2:	-0.423	0.177
3:	-0.454	0.006
4:	-0.814	-0.488
5:	-0.027	-0.488
6:	0.128	-0.248
7:	-0.008	0.001
8:	0.001	0.278
9:	0.376	0.522
10:	0.465	0.022

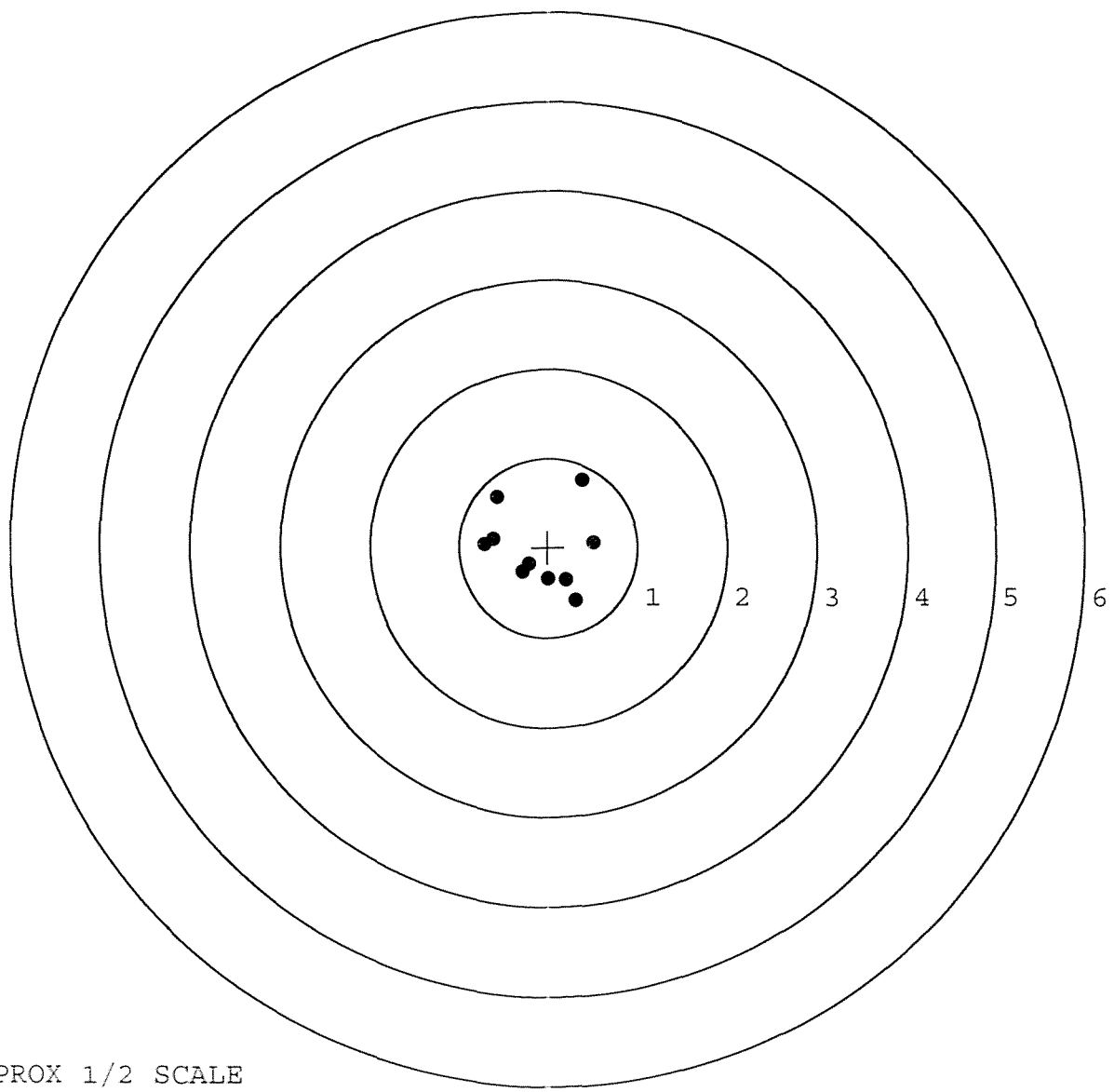


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. __0
 TARGET NUMBER: 4
 FILE DATE: 03/14/2007
 FILE TIME: 22:28

POINT#	X	Y
1:	-0.575	0.561
2:	-0.715	0.035
3:	-0.618	0.100
4:	0.382	0.757
5:	0.509	0.058
6:	0.308	-0.595
7:	0.205	-0.368
8:	-0.004	-0.359
9:	-0.217	-0.188
10:	-0.287	-0.278

X CENTROID: -0.101
 Y CENTROID: -0.028
 POA TO CENTROID: 0.105
 HORZ SPREAD: 1.224
 VERT SPREAD: 1.352
 GROUP SPREAD: 1.354
 MIN RADIUS: 0.198
 MAX RADIUS: 0.922
 MEAN RADIUS: 0.545
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

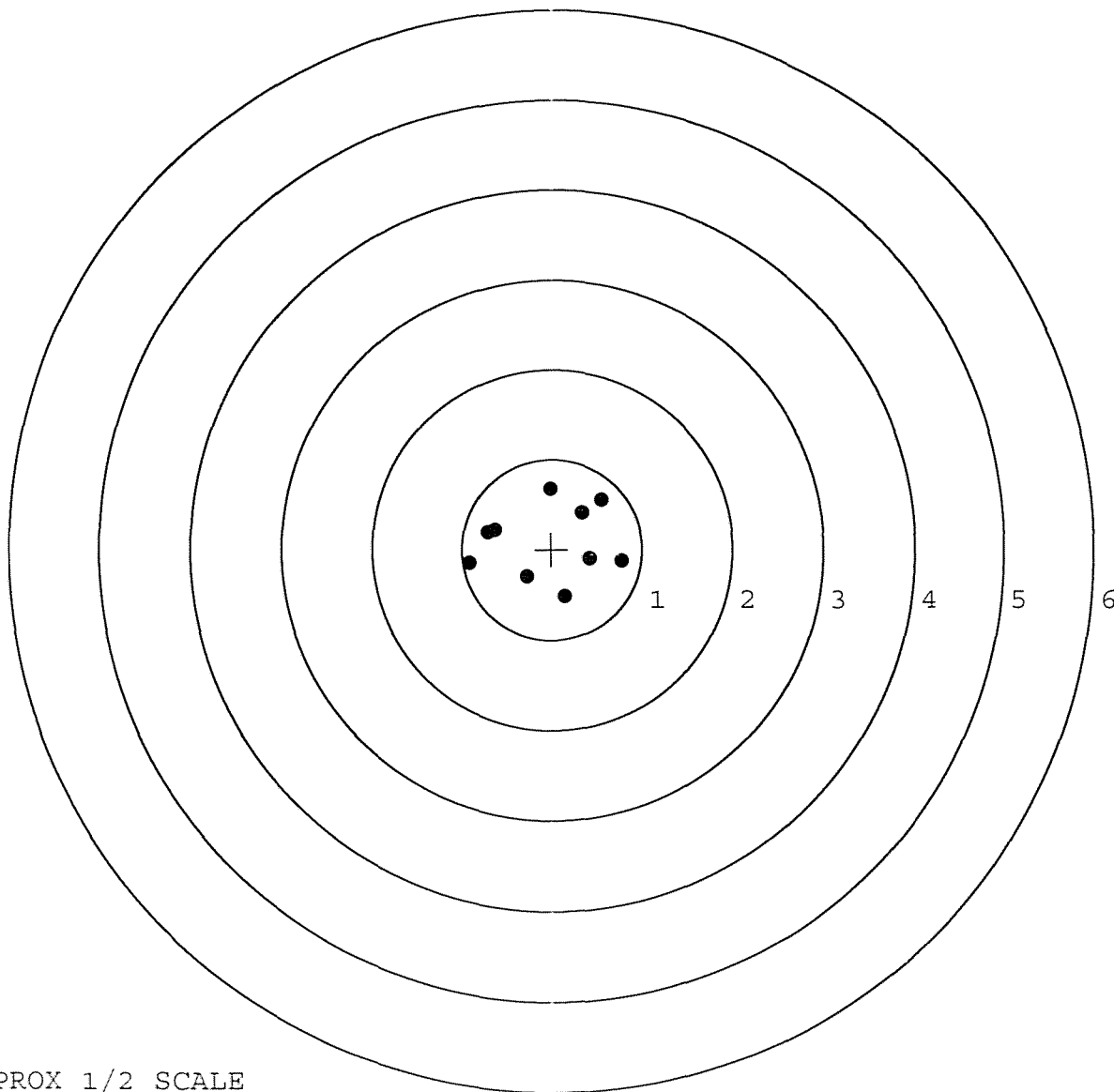


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. 0
 TARGET NUMBER: 5
 FILE DATE: 03/14/2007
 FILE TIME: 22:28

X CENTROID: -0.032
 Y CENTROID: 0.079
 POA TO CENTROID: 0.085
 HORZ SPREAD: 1.698
 VERT SPREAD: 1.190
 GROUP SPREAD: 1.698
 MIN RADIUS: 0.455
 MAX RADIUS: 0.919
 MEAN RADIUS: 0.646
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.713	0.188
2:	-0.919	-0.160
3:	-0.279	-0.303
4:	0.148	-0.523
5:	0.421	-0.105
6:	0.779	-0.133
7:	0.340	0.402
8:	0.550	0.547
9:	-0.015	0.667
10:	-0.629	0.214



TARGET APPROX 1/2 SCALE

R & E NUMBER	125973		
SERIAL NUMBER	C6349166		
LOG-IN DATE	3-2-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-5-07	RTZ
505	RE-BARREL	3-7-07	RTZ
560	ASSEMBLE	3-7-07	RTZ
600	PROOF	3-7-07	RTZ
605	CHECK HEADSPACE	3-7-07	RTZ
610	DIS-ASSEMBLE GUN	3-7-07	RTZ
612	MAGNAFLUX	3-8-07	APD
510	DRILL AND TAP	3-7-07	SD
615	ROLLMARK CALIBER	3-8-07	CW
618	ROTO-BLAST	3-8-07	UB
620	APPLY COATINGS	3-12-07	W
625	FINAL ASSEMBLY	3-14-07	RR
640	FUNCTION TEST AND	(PASS) FAIL	3-14-07 non
650	TARGET	(PASS) FAIL	3-14-07 non
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	3-26-07	RTZ
	A) HEADSPACE	(PASS) FAIL	3-26-07 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.84 2.83 2.85 2.91 2.87 3-15-07 TRW	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 6.0 6.0 6.5 3-15-07 TRW	
	G) SAFETY OFF FORCE	2 LBS MIN 2.5 2.5 2.25 3-15-07 TRW	
	I) FIRING PIN INDENT	.020 .023 ⁵ .023 .022 ⁵ 3-15-07 TRW	
690	PACK	3-26-07 N/A	

Repair Number: RE00092199

Serial: C6349166 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Status:

Closed 2/1/2005 7:08:00 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
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

magletj

2/7/2005

11:05 AM

CAPS

NUM

TLC

SCPL

start

3

3

Arms Services R...

3

M

Serial Number: C6349166

Model: M24 SWS



RE00092199

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349166.____0
FILE DATE AND TIME: 08/09/2005 11:16

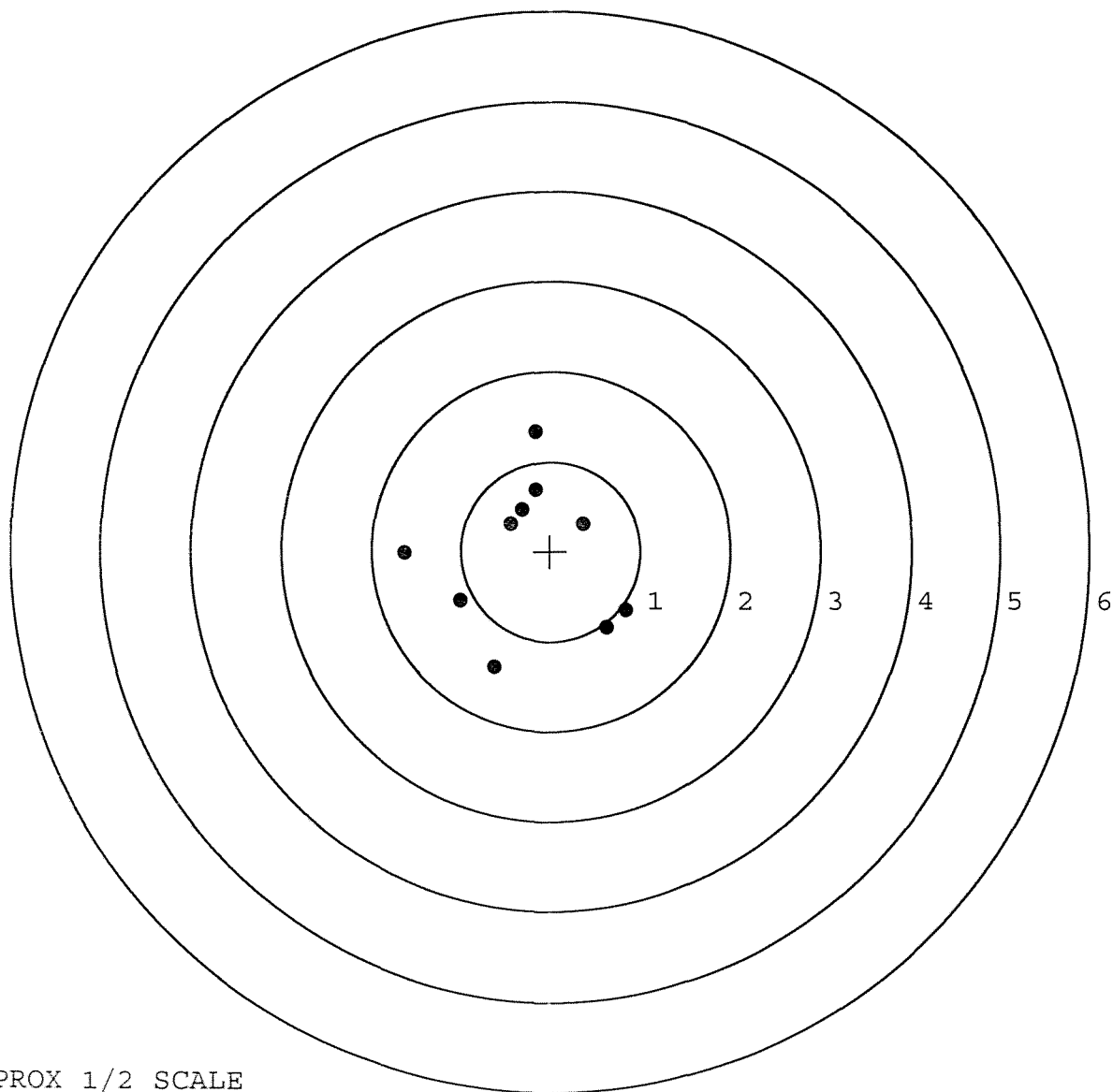
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.019
The Average Y Centroid of the Five Target Set:	0.173
The Average Point of Impact of the Five Target Set:	0.174
The Average Mean Radius of the Five Target Set:	1.004
The Distance from POA to Centroid Target #1:	0.258
The Distance from Centroid Target #2 to Centroid Target #1:	0.660
The Distance from Centroid Target #3 to Centroid Target #1:	0.449
The Distance from Centroid Target #4 to Centroid Target #1:	0.359
The Distance from Centroid Target #5 to Centroid Target #1:	0.645

SERIAL NUMBER: C6349166. 0
 TARGET NUMBER: 1
 FILE DATE: 08/09/2005
 FILE TIME: 11:16

X CENTROID: -0.257
 Y CENTROID: -0.029
 POA TO CENTROID: 0.258
 HORZ SPREAD: 2.473
 VERT SPREAD: 2.625
 GROUP SPREAD: 2.551
 MIN RADIUS: 0.383
 MAX RADIUS: 1.380
 MEAN RADIUS: 0.976
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.371	0.306
2:	-0.173	1.336
3:	-0.173	0.691
4:	-0.325	0.461
5:	-0.442	0.306
6:	0.837	-0.655
7:	0.621	-0.853
8:	-0.632	-1.289
9:	-1.013	-0.559
10:	-1.636	-0.031

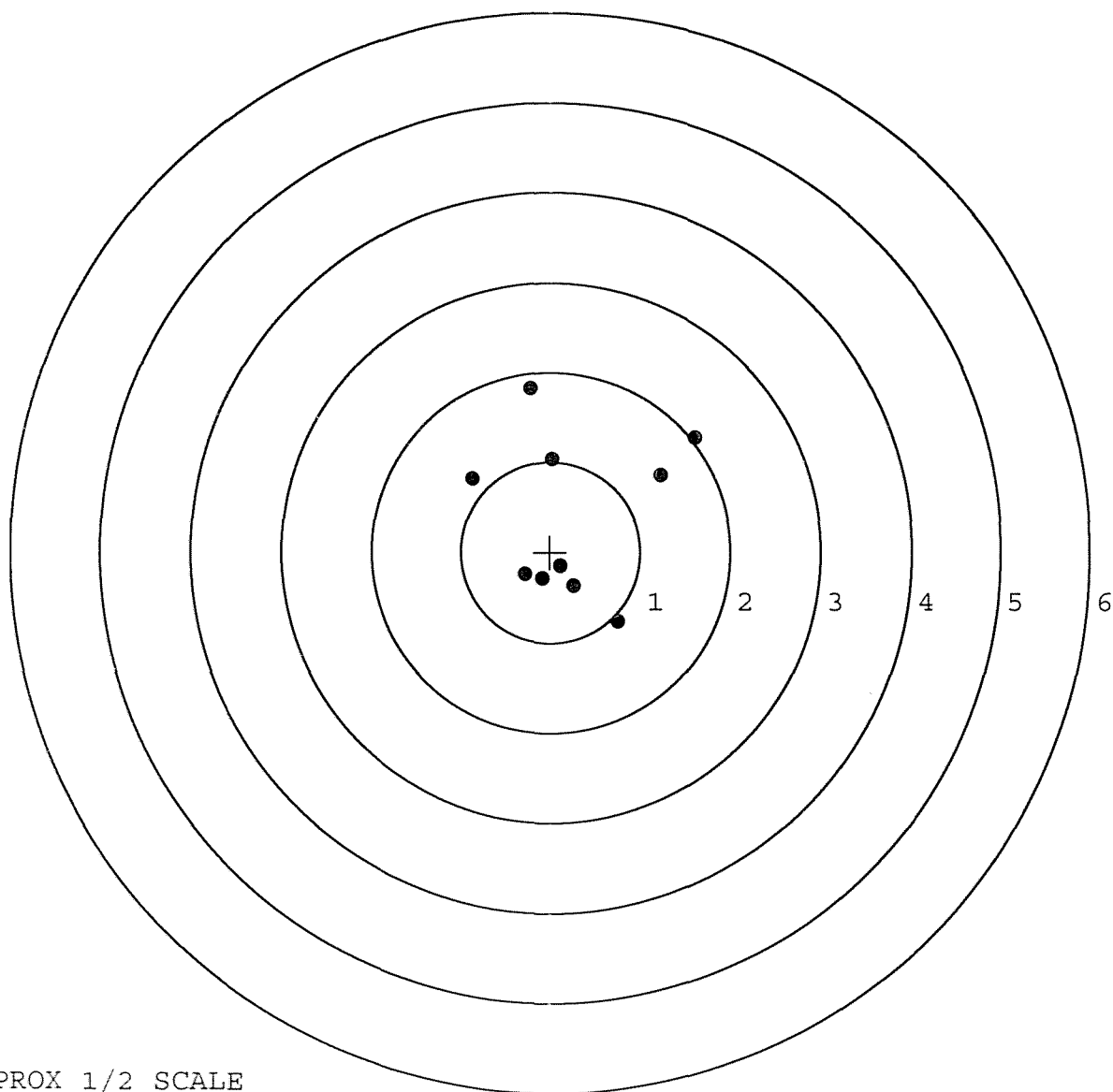


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. 0
 TARGET NUMBER: 2
 FILE DATE: 08/09/2005
 FILE TIME: 11:16

X CENTROID: 0.251
 Y CENTROID: 0.393
 POA TO CENTROID: 0.466
 HORZ SPREAD: 2.478
 VERT SPREAD: 2.586
 GROUP SPREAD: 2.520
 MIN RADIUS: 0.565
 MAX RADIUS: 1.613
 MEAN RADIUS: 1.027
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.750	-0.770
2:	0.263	-0.376
3:	0.114	-0.155
4:	-0.093	-0.295
5:	-0.280	-0.253
6:	-0.874	0.811
7:	0.024	1.030
8:	1.226	0.848
9:	1.604	1.271
10:	-0.221	1.816



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. 0

TARGET NUMBER: 3

FILE DATE: 08/09/2005

FILE TIME: 11:16

X CENTROID: -0.180

Y CENTROID: 0.414

POA TO CENTROID: 0.451

HORZ SPREAD: 2.175

VERT SPREAD: 2.757

GROUP SPREAD: 2.792

MIN RADIUS: 0.303

MAX RADIUS: 1.805

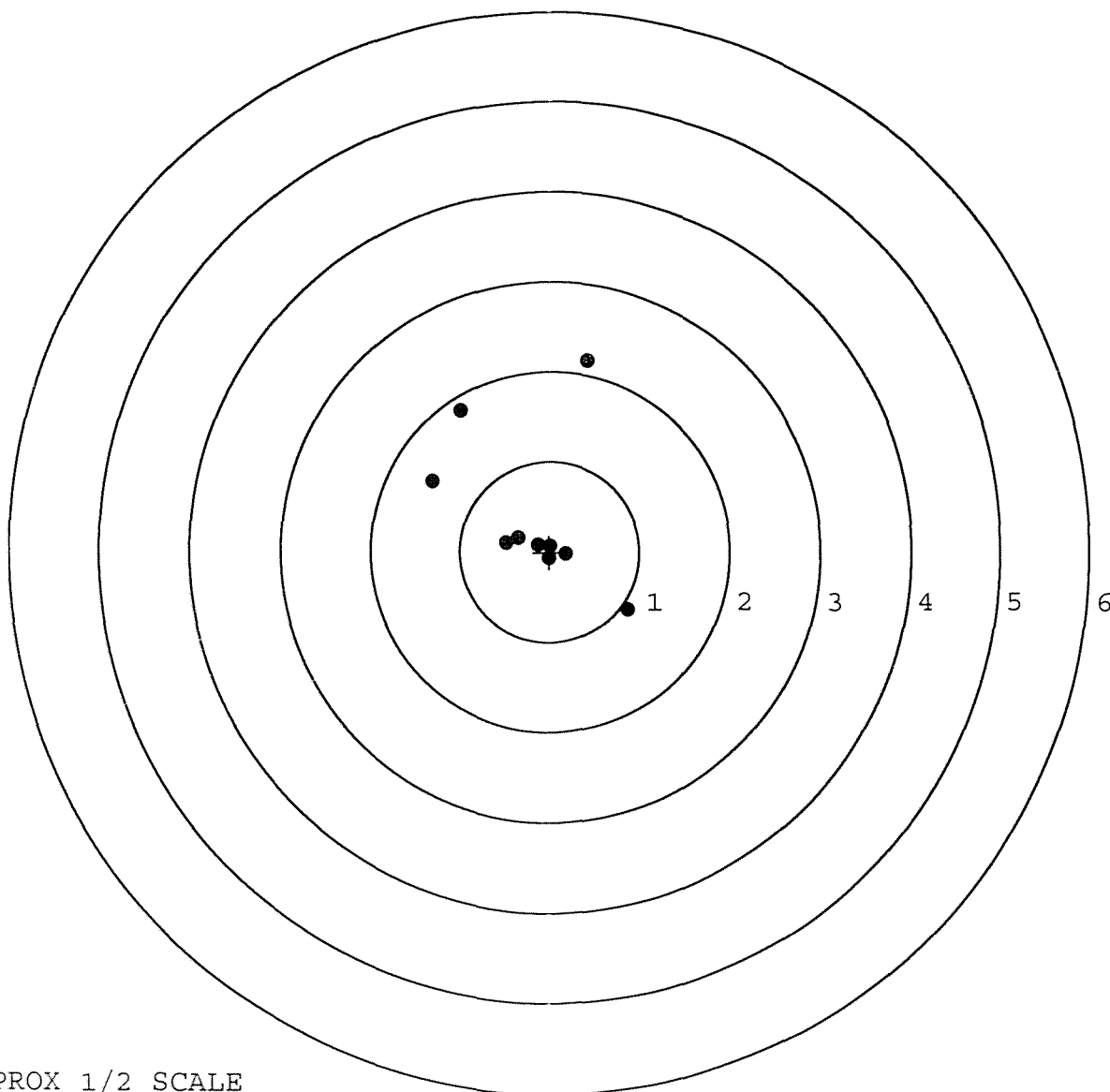
MEAN RADIUS: 0.842

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.868	-0.642
2:	-0.485	0.110
3:	-0.353	0.165
4:	-0.132	0.083
5:	0.012	0.069
6:	-0.011	-0.069
7:	0.181	-0.026
8:	-1.307	0.774
9:	-0.994	1.559
10:	0.425	2.115

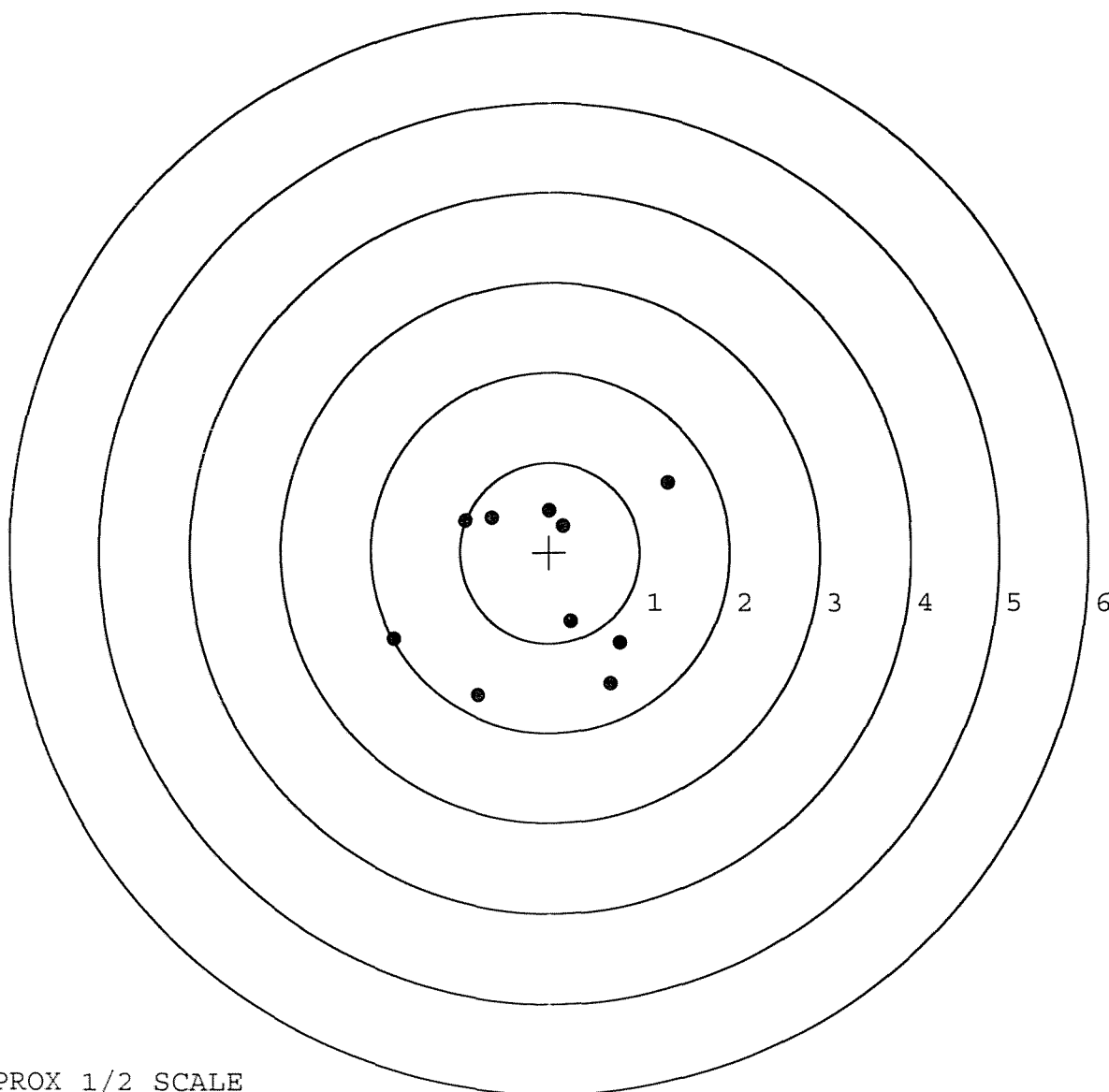


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. __0
 TARGET NUMBER: 4
 FILE DATE: 08/09/2005
 FILE TIME: 11:16

X CENTROID: -0.098
 Y CENTROID: -0.351
 POA TO CENTROID: 0.364
 HORZ SPREAD: 3.052
 VERT SPREAD: 2.351
 GROUP SPREAD: 3.509
 MIN RADIUS: 0.530
 MAX RADIUS: 1.796
 MEAN RADIUS: 1.147
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.678	-1.453
2:	0.786	-0.995
3:	0.234	-0.764
4:	-0.800	-1.583
5:	-1.744	-0.964
6:	0.158	0.291
7:	-0.009	0.465
8:	-0.647	0.384
9:	-0.941	0.346
10:	1.308	0.768



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349166. __0

TARGET NUMBER: 5

FILE DATE: 08/09/2005

FILE TIME: 11:16

POINT#	X	Y
1:	0.487	-1.025
2:	0.064	-0.816
3:	0.328	0.438
4:	0.048	-0.111
5:	0.043	0.216
6:	-0.272	0.178
7:	-1.370	0.486
8:	0.670	1.198
9:	1.545	1.548
10:	0.352	2.261

X CENTROID: 0.190

Y CENTROID: 0.437

POA TO CENTROID: 0.477

HORZ SPREAD: 2.915

VERT SPREAD: 3.286

GROUP SPREAD: 3.289

MIN RADIUS: 0.139

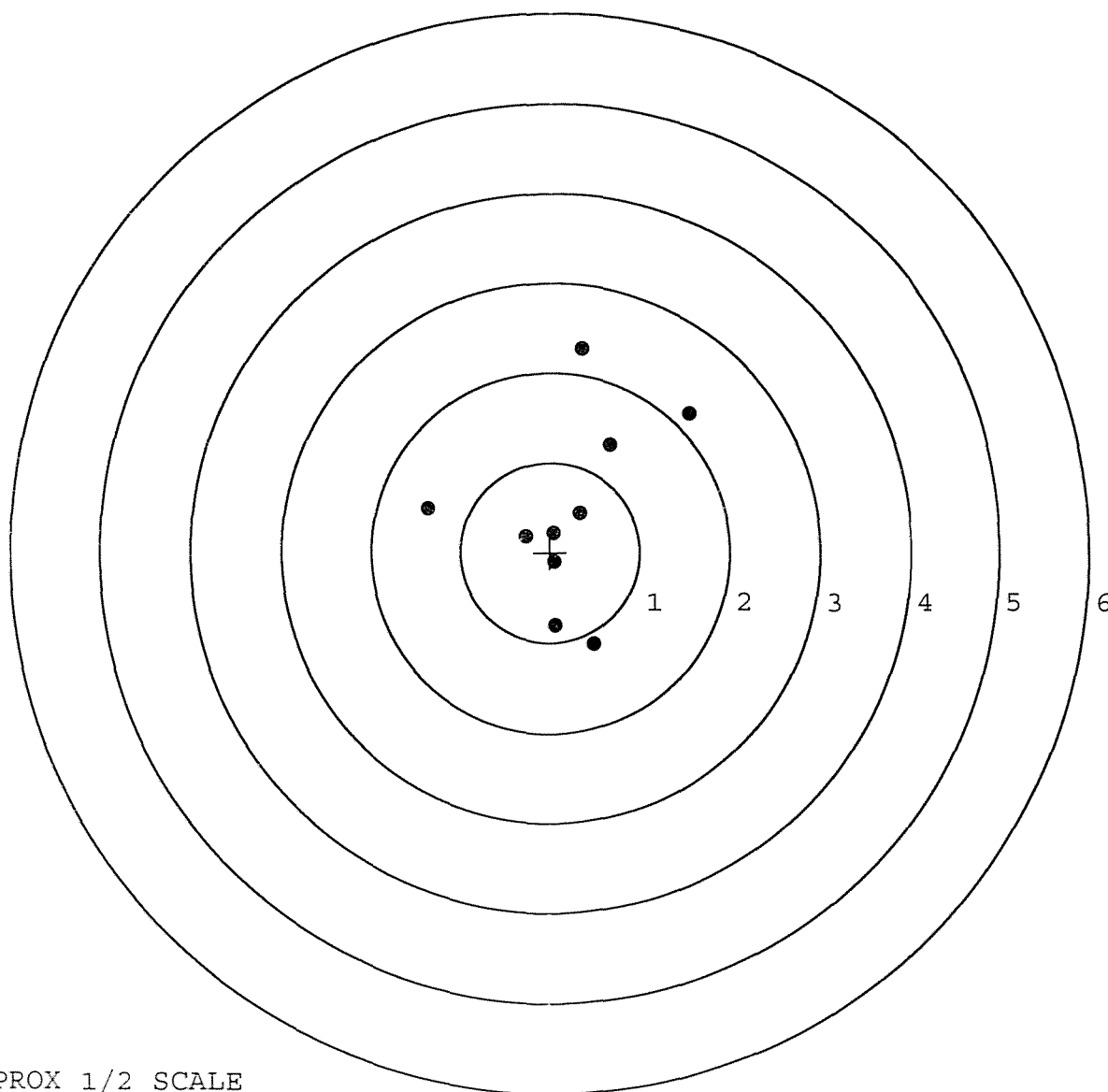
MAX RADIUS: 1.831

MEAN RADIUS: 1.029

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

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

R. & E NUMBER	92199		
SERIAL NUMBER	C6349166		
LOG-IN DATE	2-1-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-13-05	RTZ
560 A	RE-BARREL	6-20-05	RTZ
B	DRILL AND TAP	6-22-05	TRW
575	ASSEMBLE	6-20-05	RTZ
600	PROOF	6-22-05	AC
605	CHECK HEADSPACE	6-22-05	AC
610	DIS-ASSEMBLE GUN	6-22-05	RTZ
612	MAGNAFLUX PATOR <i>unit</i>	6-23-05	<i>unit</i>
615	ROLLMARK CALIBER	6-23-05	CW
618	ROTO-BLAST	7-7-05	JS
620	APPLY COATINGS	7-18-05	WJ
625 A	FINAL ASSEMBLY	8-3-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-16-05	AC
D	SAFETY "OFF" FORCE	8-16-05	AC
E	FIRING PIN INDENT	8-16-05	AC
640	TARGET	8-9-05	TRW
655	FINAL INSPECT	8-16-05	AC
660	PACK	9-15-05	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	

GUN SERIAL # C6349166

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 - 9	89	RW
600	Proof	10 - 9	89	AC.
607	Check Headspace	10 - 9	89	RW
610	Dis-assemble Gun	10 - 9	89	RW
612	Magnaflux Barrel Action		10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	10 16 89		YB
618	Polish Barrel RB	10 16 89		BT
620	Apply Coatings (Barrel Action)		10-27-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/2/89	WB

BARBER - M24 0109261								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	11/2/89	JD		
	G) Safety Off Force	4	4	4	11/2/89	JD		
	H) Trigger Pull Test & Retainability				11/2/89	WB		
	I) Firing Pin Indent	.0225	.0225	.0225	11/2/89	GLG		
	J) Assemble Stock				11/3/89	RW		
	K) Assemble Swivel Studs				10/30/89	JD		
	L) Attach Front and Rear Sight Assemblies				11/3/89	RW		
	M) Iron Sight Alignment				11/3/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/3/89	RW		
	O) Attach Scope to Rifle				11/4/89	JD		
	P) Detach & Attach Scope 20 Times				11/6/89	JD		
640	Gallery Target & Test				11-8-89	AC		
	A) Time				11-8-89	AC		
	B) Malfunctions				11-8-89	AC		
	C) Pierced Primers				11-8-89	AC		
	D) Optical Clarity of Scope				11-8-89	AC		
645	Inspect for Live Ammo				11-8-89	AC		
655	Final Inspection							
	A) Headspace				10/20/89	JD		
	B) Trigger Pull	254	271	262	253	253	10/20/89	JD
	C) Function						10/20/89	JD
660	Pack						15 Dec 89	JD

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. CG359166DATE 14 Mar 90TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.72	2.70		2.84	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.68	2.76		2.83	
PULL #3	2.68	2.49		2.80	
PULL #4	2.71	2.74		2.77	
PULL #5	2.72	2.70		2.73	
TOTAL	13.41	13.39			
AVG.	2.682	2.678			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.46		
PULL #2	3.48	3.47		
PULL #3	3.44	3.45		
PULL #4	3.20	3.48		
PULL #5	3.49	3.49		
TOTAL	17.08	17.35		
AVG.	3.416	3.47		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.39		
PULL #2	4.28	4.36		
PULL #3	4.38	4.30		
PULL #4	4.34	4.36		
PULL #5	4.39	4.36		
TOTAL	21.77	21.77		
AVG.	4.354	4.354		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349166
8 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.108259
1 TO	2	.390247
1 TO	3	.12963
1 TO	4	.155756
1 TO	5	.294478

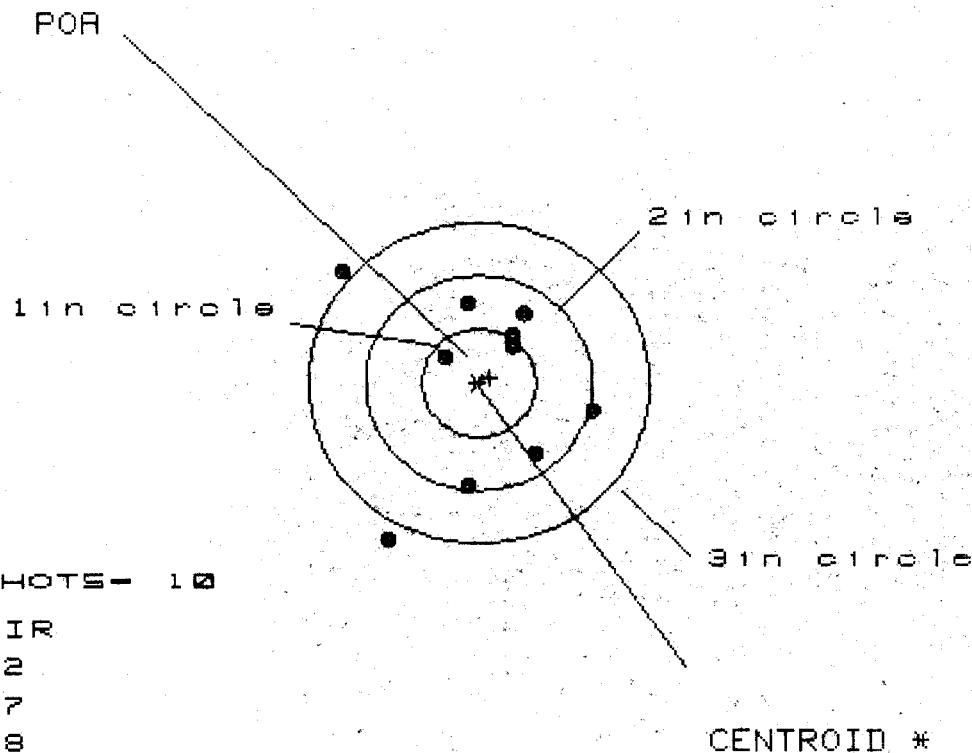
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .061
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0486
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0779933
[REDACTED] FOR THIS RIFLE IS: .9148

8 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8349166

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.176

VS= 2.492

GS= 2.529

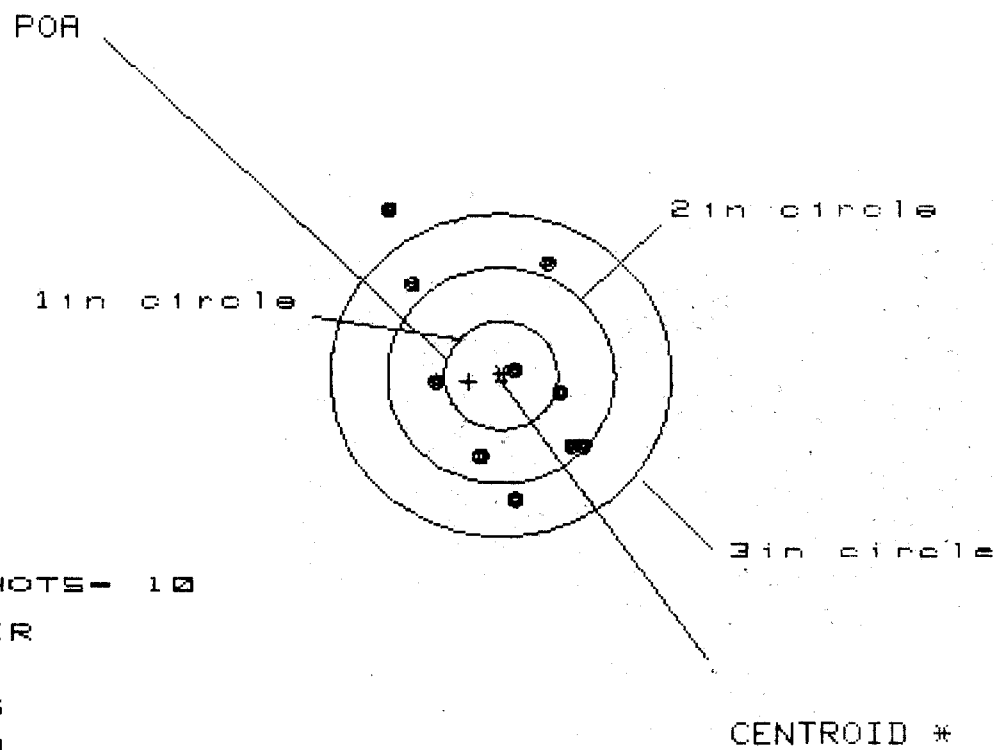
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.977	.892	.731
MINIMUM X	:	-1.199	-1.284	-.585
MAXIMUM Y	:	1.003	.837	.660
MINIMUM Y	:	-1.489	-1.118	-1.013
CENTROID X	:	-.098	-.013	.148
CENTROID Y	:	-.046	.120	.015
POR TO CENTROID in.	:	.108	.120	.149
MIN RADIUS	:	.395	.260	.282
MEAN RADIUS	:	.885	.747	.648
MAX RADIUS	:	1.675	1.533	1.076
HORIZONTAL SPREAD	:	2.176	2.176	1.316
VERTICAL SPREAD	:	2.492	1.955	1.673
EXTREME SPREAD	:	2.529	2.515	1.674
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349166

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 1

2in - 6

3in = 9

HS- 1.745

VS= 2.773

GS= 3.002

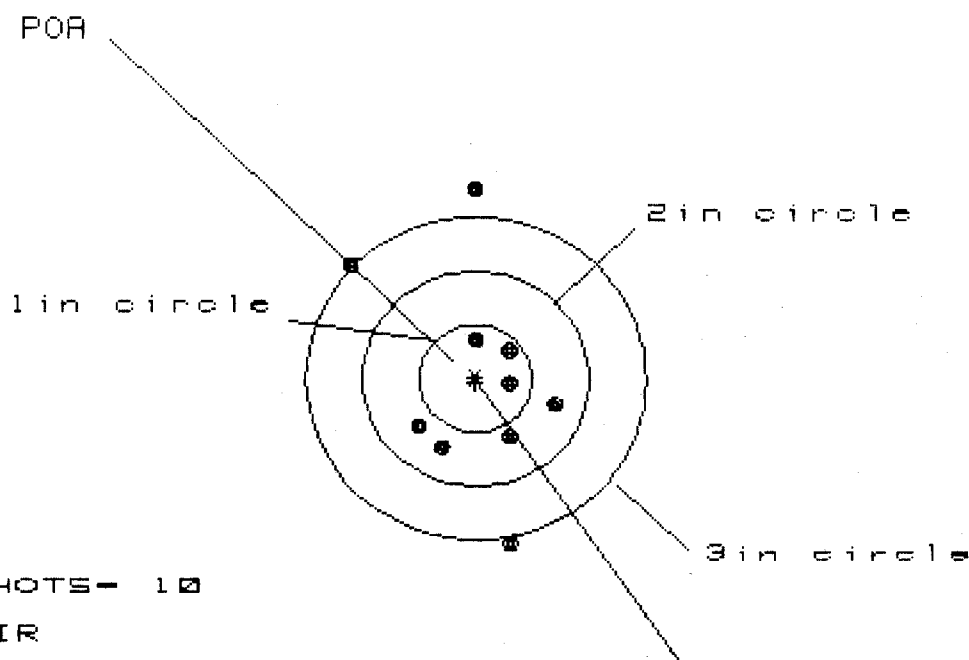
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.716	.601	.602
MINIMUM X	:	-1.029	-.875	-.874
MAXIMUM Y	:	1.581	1.248	1.121
MINIMUM Y	:	-1.192	-1.017	-.677
CENTROID X	:	.280	.395	.394
CENTROID Y	:	.051	-.124	.003
POA TO CENTROID in.	:	.285	.414	.394
MIN RADIUS	:	.138	.219	.093
MEAN RADIUS	:	.927	.784	.751
MAX RADIUS	:	1.886	1.350	1.255
HORIZONTAL SPREAD	:	1.745	1.476	1.476
VERTICAL SPREAD	:	2.773	2.265	1.798
EXTREME SPREAD	:	3.002	2.287	2.139
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	9		

8 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349166

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 1.795

VS= 3.258

GS= 3.274

CENTROID *

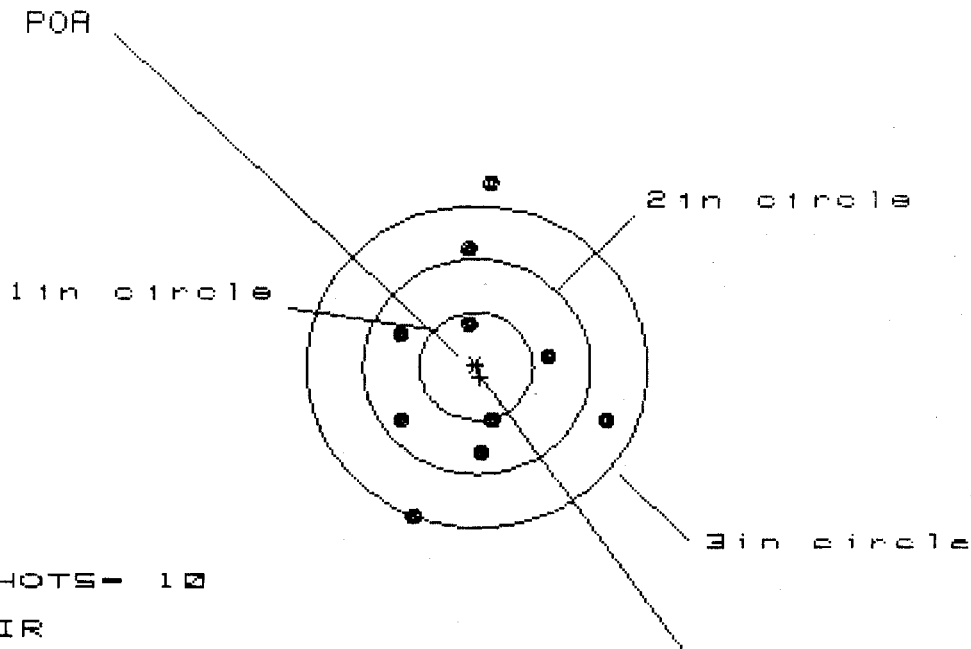
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.719	.716	.753
MINIMUM X	:	-1.076	-1.079	-1.042
MAXIMUM Y	:	1.740	1.226	1.061
MINIMUM Y	:	-1.518	-1.325	-.623
CENTROID X	:	.004	.007	-.030
CENTROID Y	:	.035	-.158	.007
POA TO CENTROID in.	:	.035	.158	.031
MIN RADIUS	:	.280	.341	.316
MEAN RADIUS	:	.865	.753	.675
MAX RADIUS	:	1.740	1.633	1.487
HORIZONTAL SPREAD	:	1.795	1.795	1.795
VERTICAL SPREAD	:	3.258	2.551	1.684
EXTREME SPREAD	:	3.274	2.898	2.225
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06349166

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 6

3 in - 8

HS- 1.000

VS- 3.024

GS- 3.099

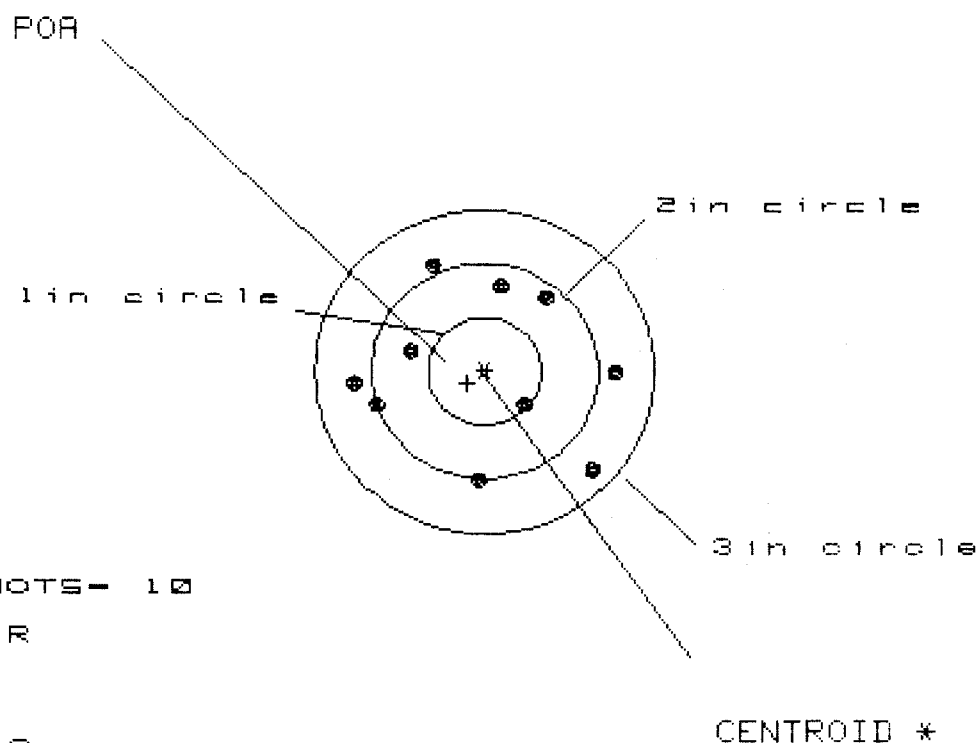
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.114	1.124	1.052
MINIMUM X	:	-.694	-.684	-.756
MAXIMUM Y	:	1.664	1.279	1.132
MINIMUM Y	:	-1.360	-1.175	-.714
CENTROID X	:	-.034	-.044	.028
CENTROID Y	:	.096	-.089	.057
POA TO CENTROID in.	:	.102	.100	.064
MIN RADIUS	:	.424	.291	.418
MEAN RADIUS	:	.932	.831	.769
MAX RADIUS	:	1.667	1.309	1.137
HORIZONTAL SPREAD	:	1.808	1.808	1.808
VERTICAL SPREAD	:	3.024	2.454	1.846
EXTREME SPREAD	:	3.099	2.516	1.932
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

8 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349166

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 5

3 in = 10

HS- 2.300

VS= 2.069

GS= 2.444

CENTROID *

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.185	1.293	.780
MINIMUM X	:	-1.115	-1.007	-.846
MAXIMUM Y	:	1.041	.938	.919
MINIMUM Y	:	-1.028	-1.131	-1.150
CENTROID X	:	.153	.045	-.116
CENTROID Y	:	.108	.211	.230
POA TO CENTROID in.	:	.187	.216	.258
MIN RADIUS	:	.499	.544	.383
MEAN RADIUS	:	.965	.908	.838
MAX RADIUS	:	1.341	1.301	1.171
HORIZONTAL SPREAD	:	2.300	2.300	1.626
VERTICAL SPREAD	:	2.069	2.069	2.069
EXTREME SPREAD	:	2.444	2.302	2.113
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

Remington
MODEL 700™ M24

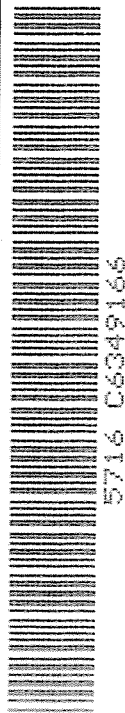
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6349166

ORDER NO.
5716

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



UPC

