

G 652 1350

Replaced

E 641 3509

01/23/08 13:00:55

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: **RE00140421** Serial: G6521350 Model M24 SWS Center Fire Repairman: _____
Caliber: 7.62 NATO Status: Closed 1/22/2008 3:15:25 PM

Verify Repair **High Priority**

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____

Name: **TRANSPORTATION DIV. DFEL** **TRANSPORTATION DIV. DFEL**

Address 1: **6759 MITCHELL AVENUE** **6759 MITCHELL AVENUE**

Address 2: **BLDG 1836** PO Box: _____ **BLDG 1836** PO Box: _____

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** 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
A010	Hard Case	1
A017	Scope Base	1
A057	Fr. and Rear Sgt Base	1
0000	BI POD ALL BROKEN	1

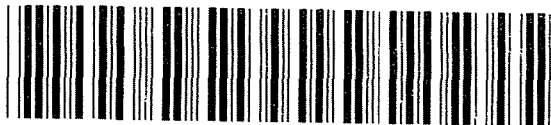
nagletj 1/23/2008 1:06 PM NUM

Start My Mail My E Social Links Arms

Serial Number:

G6521350

Model: **M24 SWS**



RE00140421

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521350.___0
FILE DATE AND TIME: 02/11/2008 14:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.004
The Average Y Centroid of the Five Target Set:	-0.011
The Average Point of Impact of the Five Target Set:	0.012
The Average Mean Radius of the Five Target Set:	0.766
The Distance from POA to Centroid Target #1:	0.240
The Distance from Centroid Target #2 to Centroid Target #1:	0.289
The Distance from Centroid Target #3 to Centroid Target #1:	0.402
The Distance from Centroid Target #4 to Centroid Target #1:	0.292
The Distance from Centroid Target #5 to Centroid Target #1:	0.320

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 1

FILE DATE: 02/11/2008

FILE TIME: 14:38

X CENTROID: -0.089

Y CENTROID: 0.223

POA TO CENTROID: 0.240

HORZ SPREAD: 1.937

VERT SPREAD: 3.176

GROUP SPREAD: 3.453

MIN RADIUS: 0.280

MAX RADIUS: 1.997

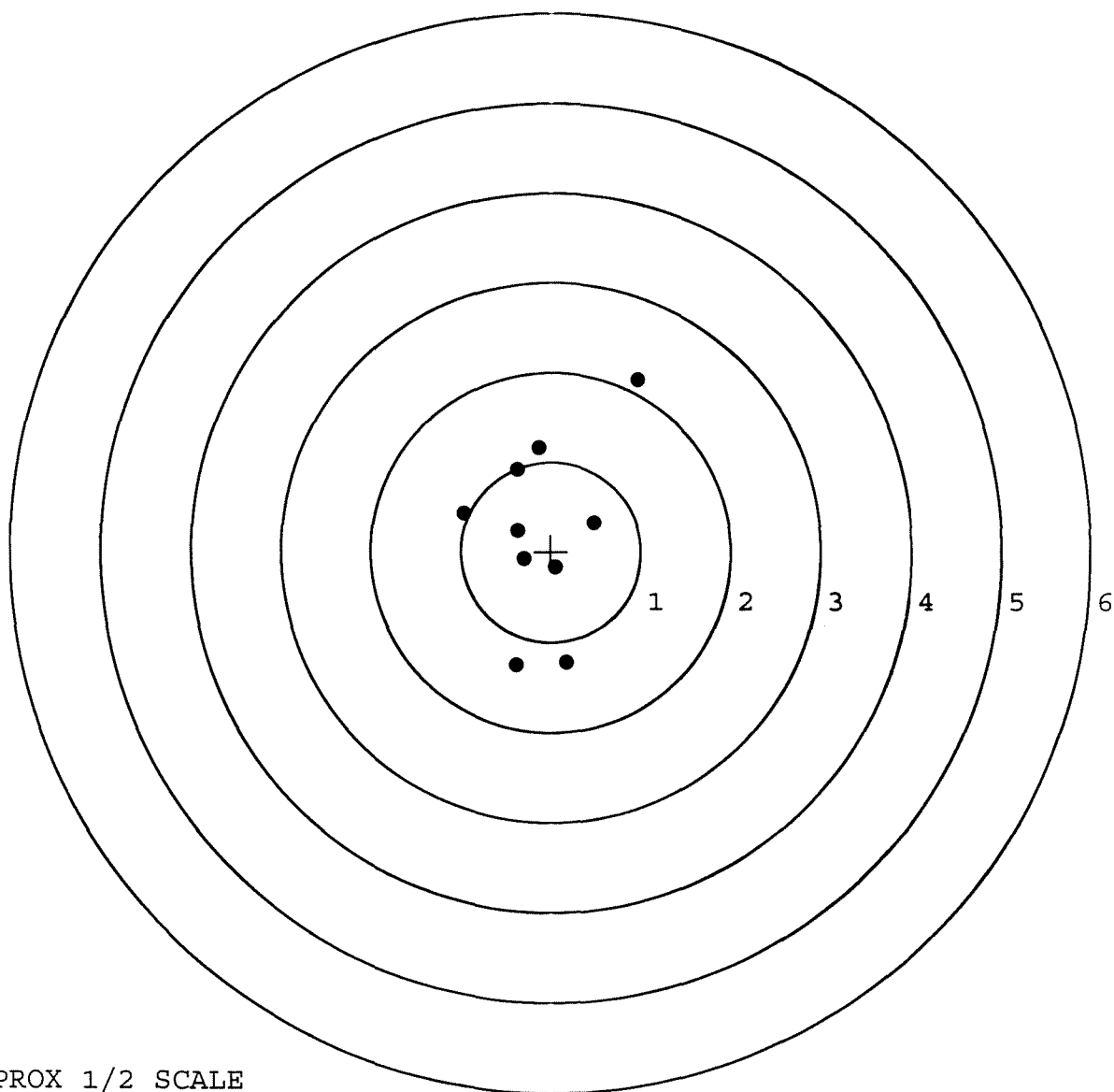
MEAN RADIUS: 0.922

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.170	-1.230
2:	-0.389	-1.257
3:	0.475	0.324
4:	0.966	1.919
5:	-0.139	1.159
6:	-0.376	0.914
7:	-0.971	0.422
8:	-0.369	0.237
9:	-0.305	-0.085
10:	0.047	-0.174



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 2

FILE DATE: 02/11/2008

FILE TIME: 14:38

POINT#	X	Y
1:	1.410	-1.152
2:	-0.132	-0.936
3:	0.862	0.049
4:	0.585	0.292
5:	0.144	0.327
6:	0.152	-0.150
7:	-1.174	0.207
8:	-1.362	1.084
9:	-0.301	-0.056
10:	-0.473	-0.265

X CENTROID: -0.029

Y CENTROID: -0.060

POA TO CENTROID: 0.067

HORZ SPREAD: 2.772

VERT SPREAD: 2.236

GROUP SPREAD: 3.561

MIN RADIUS: 0.202

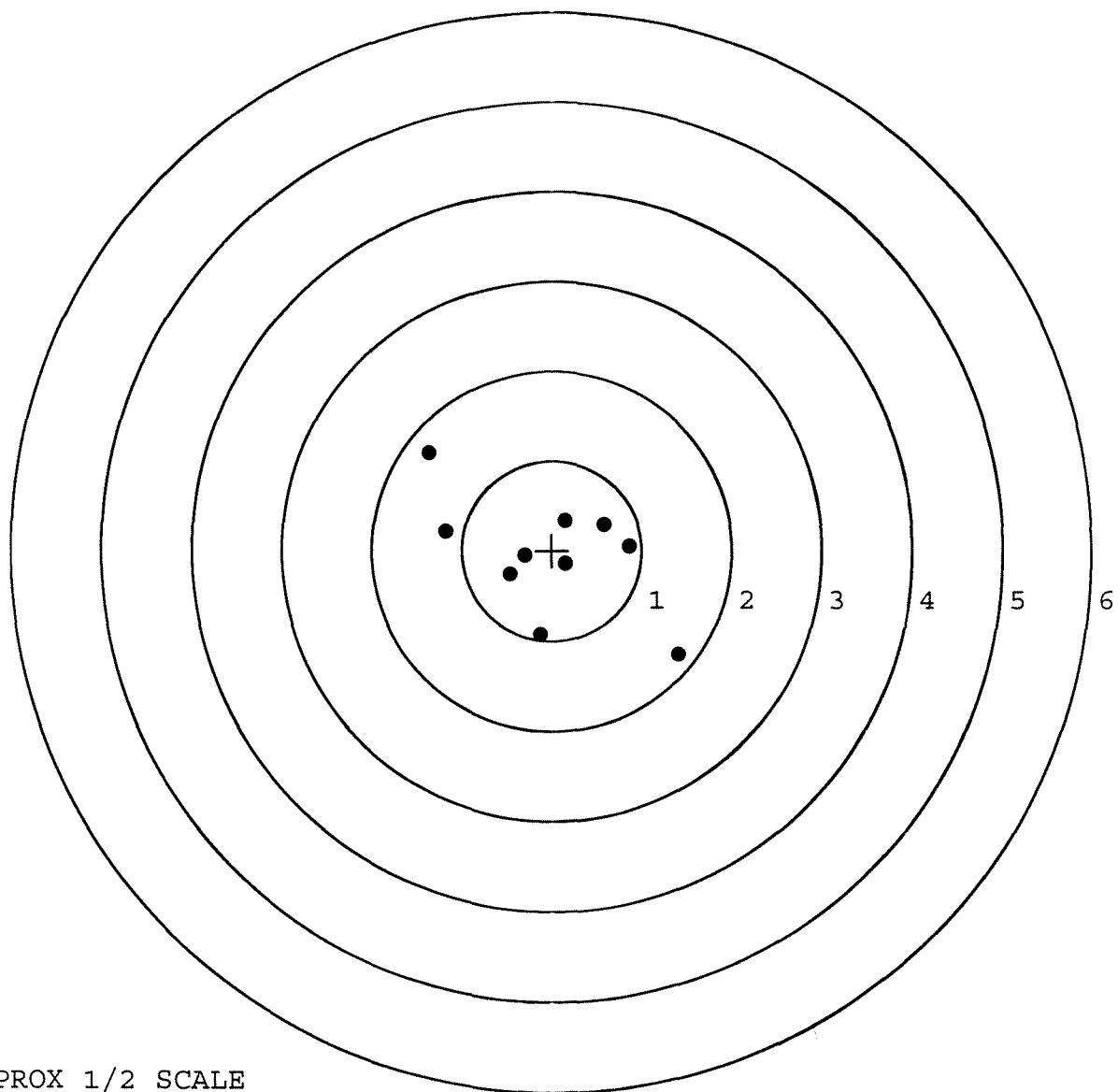
MAX RADIUS: 1.806

MEAN RADIUS: 0.861

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

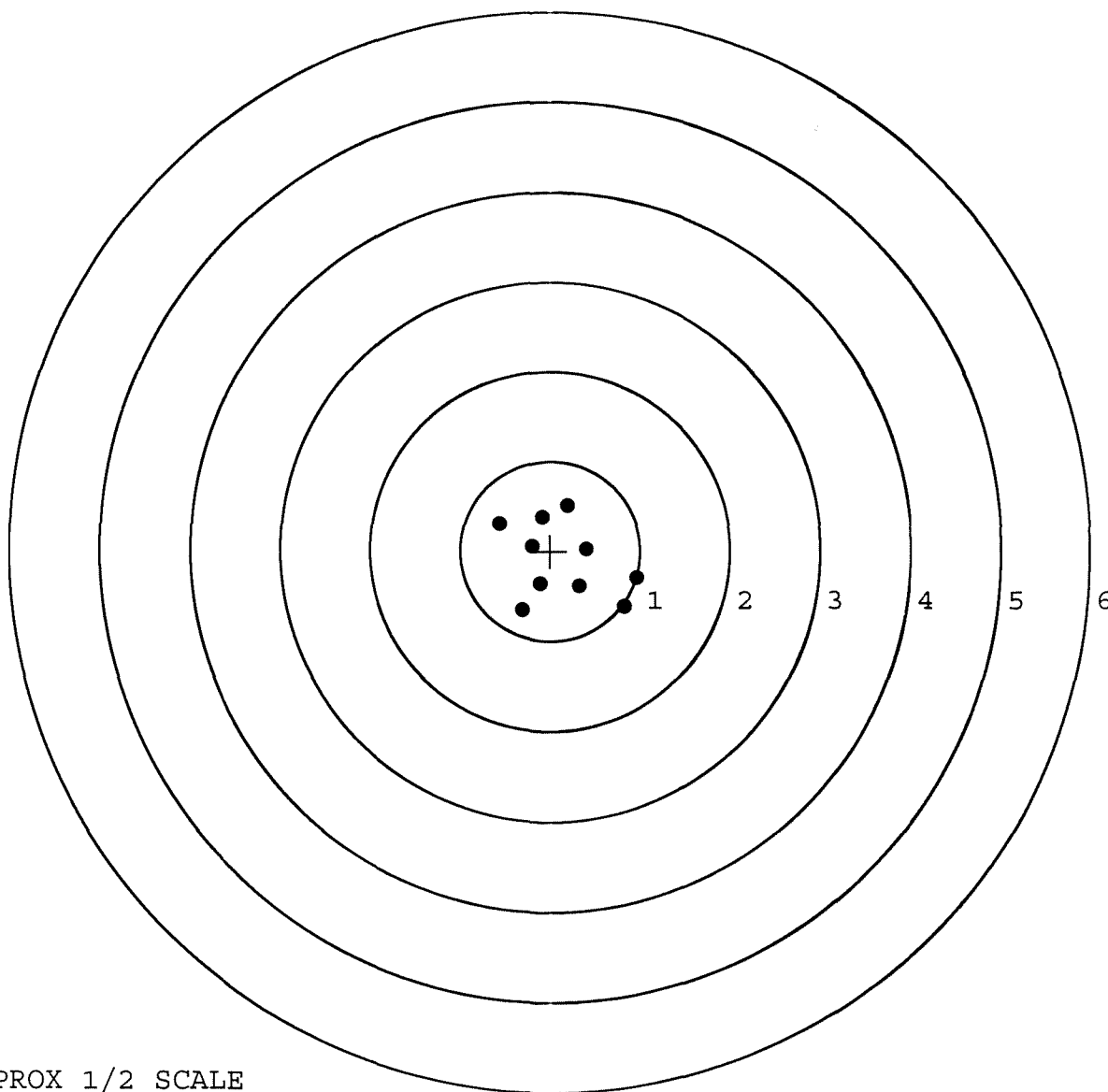


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0
TARGET NUMBER: 3
FILE DATE: 02/11/2008
FILE TIME: 14:38

X CENTROID: 0.139
Y CENTROID: -0.109
POA TO CENTROID: 0.176
HORZ SPREAD: 1.534
VERT SPREAD: 1.167
GROUP SPREAD: 1.677
MIN RADIUS: 0.293
MAX RADIUS: 0.858
MEAN RADIUS: 0.578
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.962	-0.301
2:	0.823	-0.626
3:	0.324	-0.395
4:	0.401	0.021
5:	-0.319	-0.662
6:	-0.120	-0.371
7:	-0.572	0.305
8:	-0.205	0.058
9:	-0.098	0.377
10:	0.189	0.505

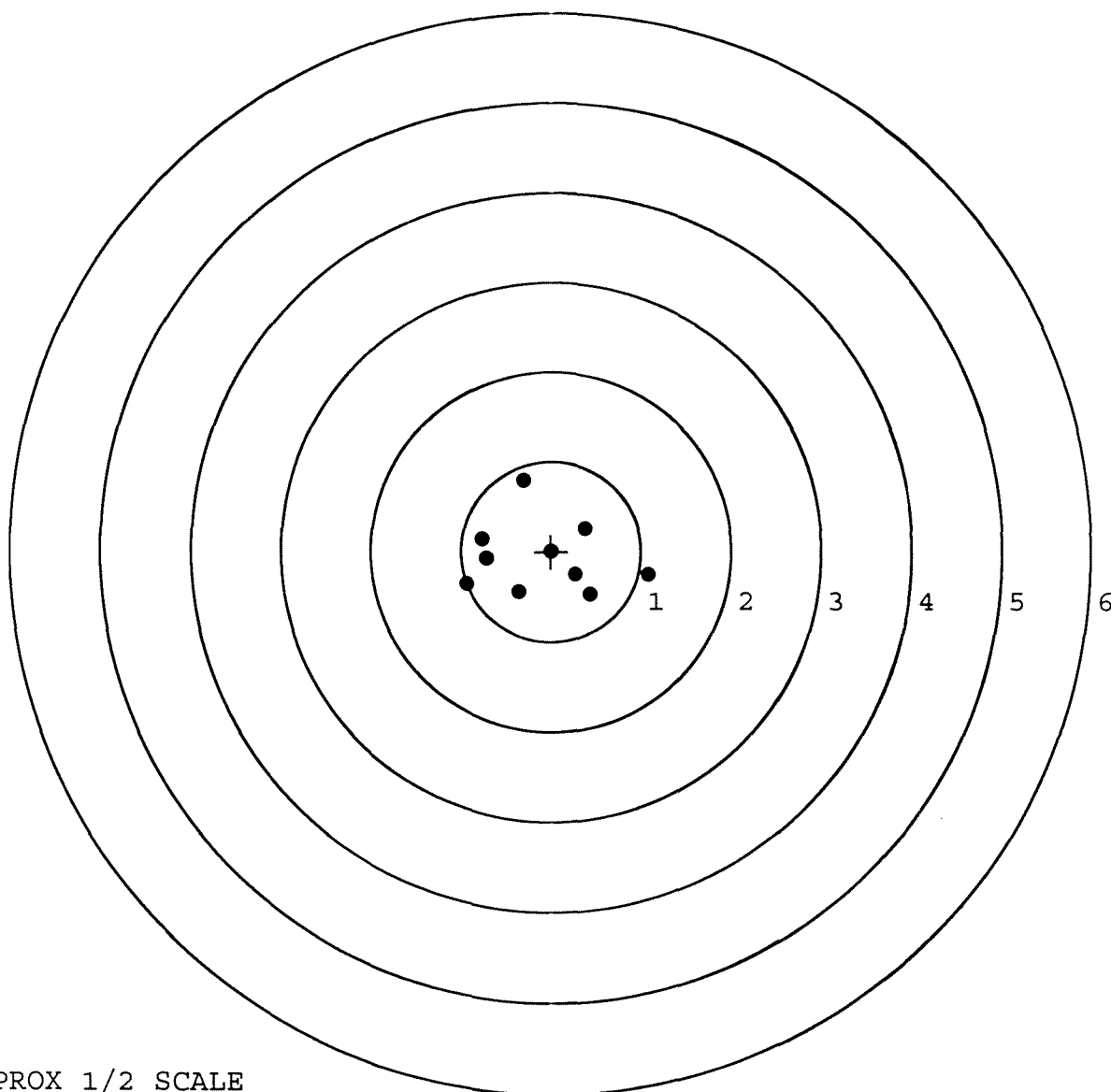


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0
TARGET NUMBER: 4
FILE DATE: 02/11/2008
FILE TIME: 14:38

POINT#	X	Y
1:	1.080	-0.257
2:	0.434	-0.475
3:	0.267	-0.254
4:	-0.002	-0.002
5:	0.378	0.258
6:	-0.308	0.788
7:	-0.762	0.144
8:	-0.720	-0.075
9:	-0.363	-0.448
10:	-0.934	-0.365

X CENTROID: -0.093
Y CENTROID: -0.069
POA TO CENTROID: 0.116
HORZ SPREAD: 2.014
VERT SPREAD: 1.263
GROUP SPREAD: 2.017
MIN RADIUS: 0.113
MAX RADIUS: 1.188
MEAN RADIUS: 0.651
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 5

FILE DATE: 02/11/2008

FILE TIME: 14:38

X CENTROID: 0.092

Y CENTROID: -0.041

POA TO CENTROID: 0.100

HORZ SPREAD: 2.450

VERT SPREAD: 1.545

GROUP SPREAD: 2.452

MIN RADIUS: 0.149

MAX RADIUS: 1.479

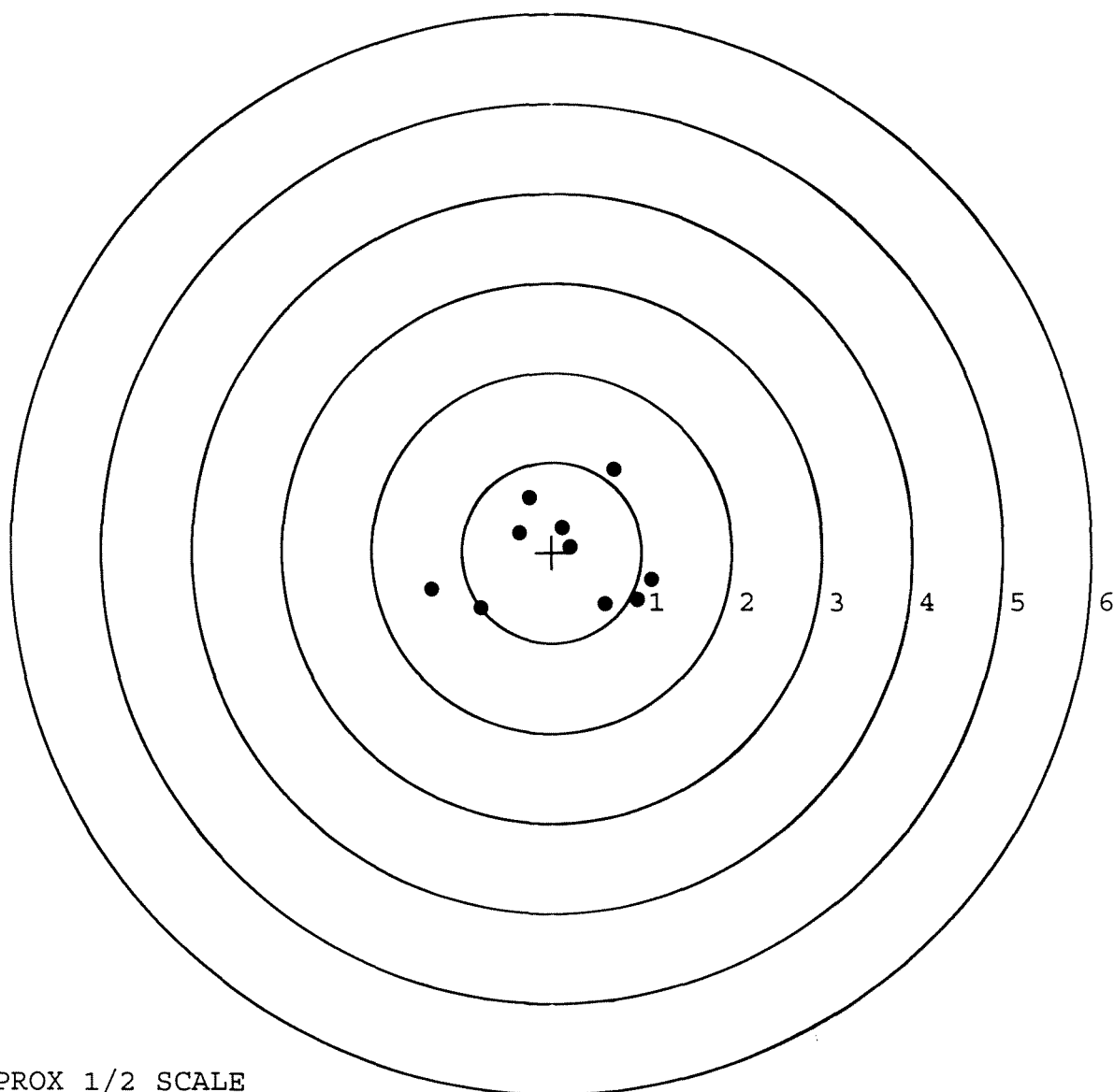
MEAN RADIUS: 0.815

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.112	-0.313
2:	0.949	-0.527
3:	0.589	-0.575
4:	0.691	0.919
5:	0.206	0.055
6:	0.114	0.267
7:	-0.255	0.600
8:	-0.362	0.209
9:	-0.791	-0.626
10:	-1.338	-0.420



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00140421

SERIAL NUMBER 66521350

LOG-IN DATE 1-22-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		1-24-08	R.P.D.
505	RE-BARREL		1-25-08	R.P.D.
560	ASSEMBLE		1-30-08	TRW
600	PROOF		1-30-08	TRW
605	CHECK HEADSPACE		1-30-08	TRW
610	DIS-ASSEMBLE GUN		1-30-08	R.P.D.
612	MAGNAFLUX		2-1-08	TRW JB
510	DRILL AND TAP		1-30-08	TRW
615	ROLLMARK CALIBER		1-30-08	CW
618	ROTO-BLAST		2-4-08	LY
620	APPLY COATINGS		2-6-08	CW
625	FINAL ASSEMBLY		2-7-08	R.P.D.
640	FUNCTION TEST AND	(PASS) FAIL	2-11-08	TRW
650	TARGET	(PASS) FAIL	2-11-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	2-11-08	R.P.
670	FINAL INSPECTION		2-12-08	
	A) HEADSPACE	(PASS) FAIL	2-12-08	
	B) TRIGGER PULL	2.55 2.66 2.55 2.53 2.62	2-12-08	FM
680	F) SAFETY ON FORCE	50 50 50	2-12-08	FM
	G) SAFETY OFF FORCE	2.5 2.5 2.5	2-12-08	FM
	I) FIRING PIN INDENT	.023 .023 .024	2-12-08	FM
690	PACK		2-19-08	FM

Repair Inquiry

Repair Number: **RE00118101**

Serial: G6521350 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 9/28/2006 8:41:09 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORATION DIVISION, DFEL

TRANSPORATION DIVISION, DFEL

Address 1: 6759 MITCHELL AVENUE

6759 MITCHELL AVENUE

Address 2: BLDG 1836

PO Box:

BLDG 1836

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

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
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

9/28/2006

8:50 AM

CAPS

NUM

INS

SCRL



8:50 AM

Serial Number: **G6521350**

Model: **M24 SWS**



RE00118101

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521350.___1

FILE DATE AND TIME: 10/10/2006 10:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.131
The Average Y Centroid of the Five Target Set:	0.072
The Average Point of Impact of the Five Target Set:	0.149
The Average Mean Radius of the Five Target Set:	0.848
The Distance from POA to Centroid Target #1:	0.229
The Distance from Centroid Target #2 to Centroid Target #1:	0.249
The Distance from Centroid Target #3 to Centroid Target #1:	0.327
The Distance from Centroid Target #4 to Centroid Target #1:	0.155
The Distance from Centroid Target #5 to Centroid Target #1:	0.681

SERIAL NUMBER: G6521350. __1

TARGET NUMBER: 1

FILE DATE: 10/10/2006

FILE TIME: 10:33

X CENTROID: -0.123

Y CENTROID: -0.193

POA TO CENTROID: 0.229

HORZ SPREAD: 1.457

VERT SPREAD: 1.840

GROUP SPREAD: 2.047

MIN RADIUS: 0.177

MAX RADIUS: 1.183

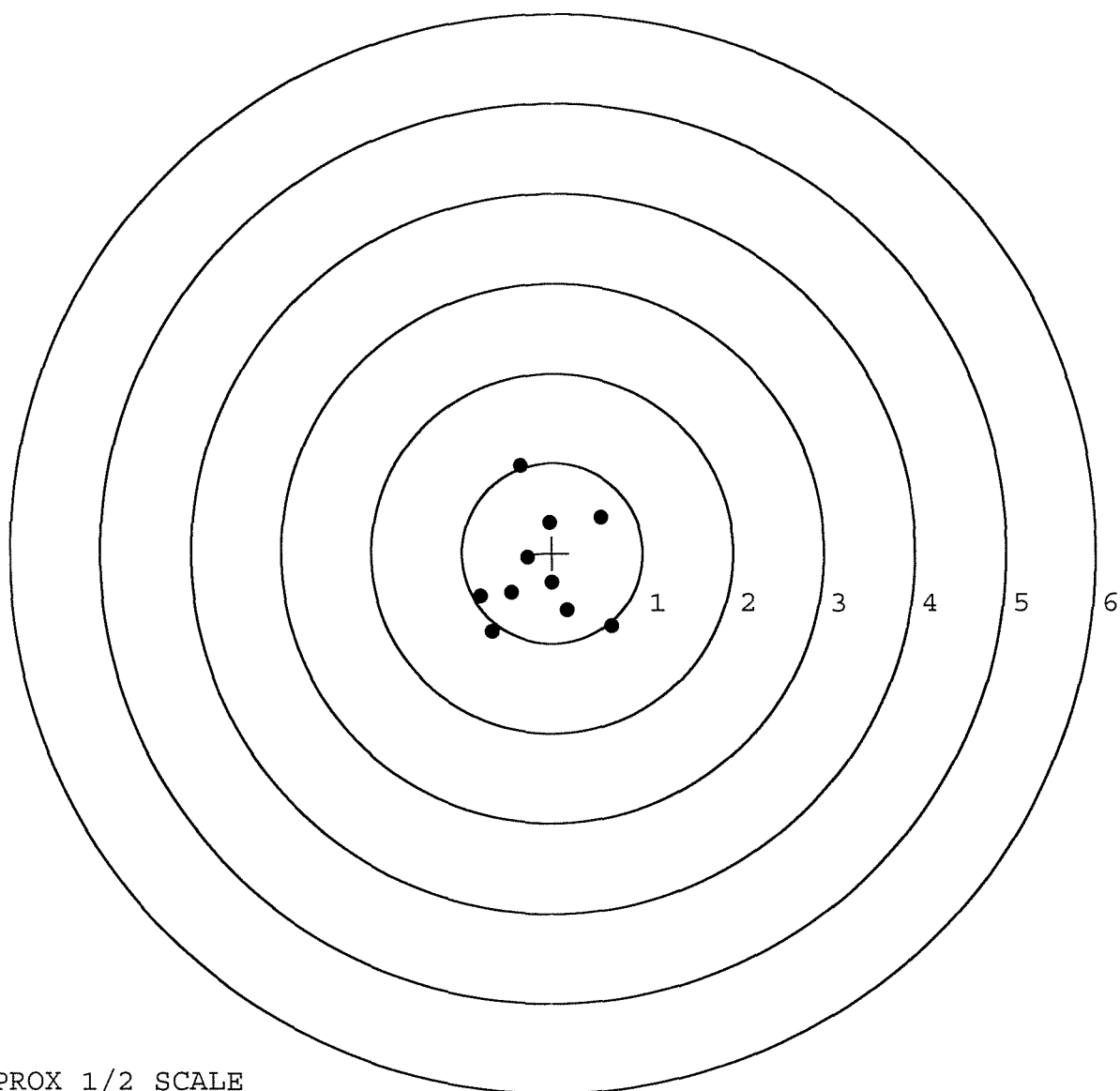
MEAN RADIUS: 0.653

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.660	-0.810
2:	0.167	-0.637
3:	-0.009	-0.329
4:	-0.459	-0.441
5:	-0.797	-0.483
6:	-0.661	-0.874
7:	-0.276	-0.050
8:	-0.037	0.336
9:	0.536	0.389
10:	-0.358	0.966

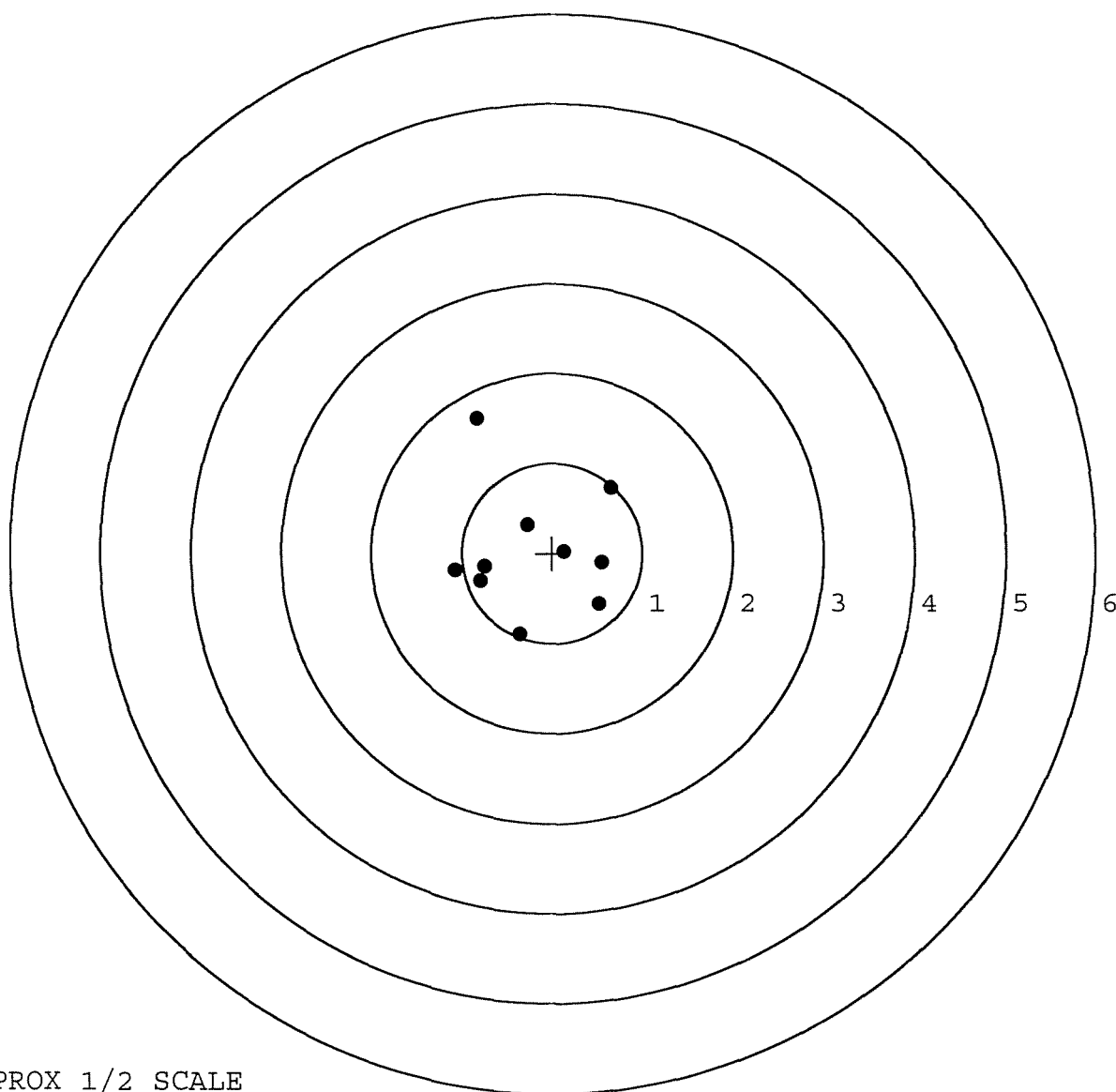


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __1
TARGET NUMBER: 2
FILE DATE: 10/10/2006
FILE TIME: 10:33

X CENTROID: -0.226
Y CENTROID: 0.033
POA TO CENTROID: 0.228
HORZ SPREAD: 1.722
VERT SPREAD: 2.393
GROUP SPREAD: 2.461
MIN RADIUS: 0.289
MAX RADIUS: 1.579
MEAN RADIUS: 0.812
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.522	-0.563
2:	0.549	-0.106
3:	0.127	0.015
4:	0.647	0.732
5:	-0.286	0.316
6:	-0.836	1.489
7:	-0.362	-0.904
8:	-0.747	-0.147
9:	-0.796	-0.309
10:	-1.075	-0.191

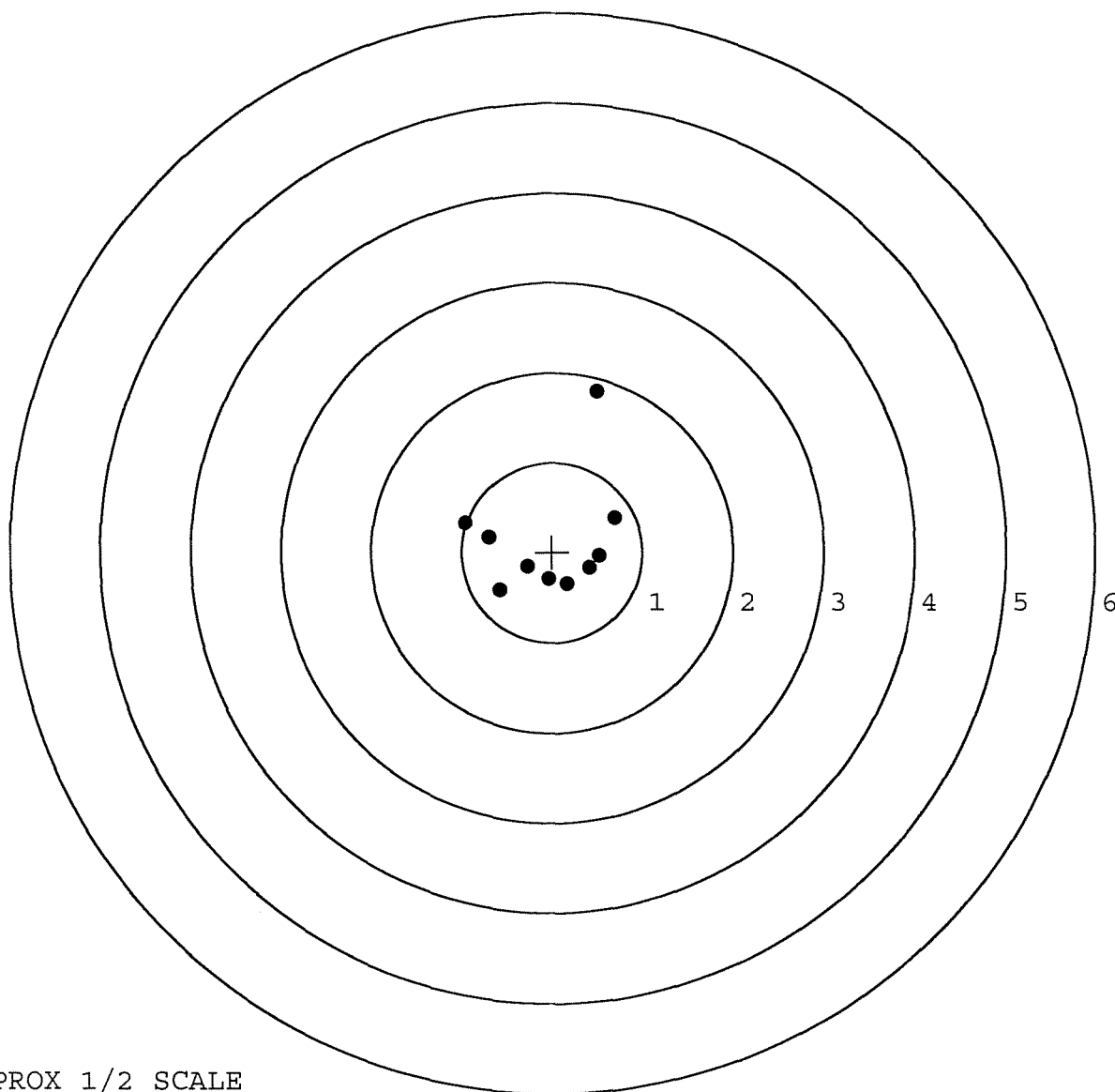


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350.___1
TARGET NUMBER: 3
FILE DATE: 10/10/2006
FILE TIME: 10:33

X CENTROID: -0.027
Y CENTROID: 0.120
POA TO CENTROID: 0.123
HORZ SPREAD: 1.650
VERT SPREAD: 2.218
GROUP SPREAD: 2.463
MIN RADIUS: 0.378
MAX RADIUS: 1.751
MEAN RADIUS: 0.734
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.492	1.792
2:	0.689	0.390
3:	-0.961	0.323
4:	-0.698	0.161
5:	-0.579	-0.426
6:	0.525	-0.046
7:	0.418	-0.176
8:	0.164	-0.354
9:	-0.042	-0.303
10:	-0.276	-0.165



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __1

TARGET NUMBER: 4

FILE DATE: 10/10/2006

FILE TIME: 10:33

X CENTROID: -0.025

Y CENTROID: -0.074

POA TO CENTROID: 0.078

HORZ SPREAD: 3.027

VERT SPREAD: 2.150

GROUP SPREAD: 3.545

MIN RADIUS: 0.123

MAX RADIUS: 1.913

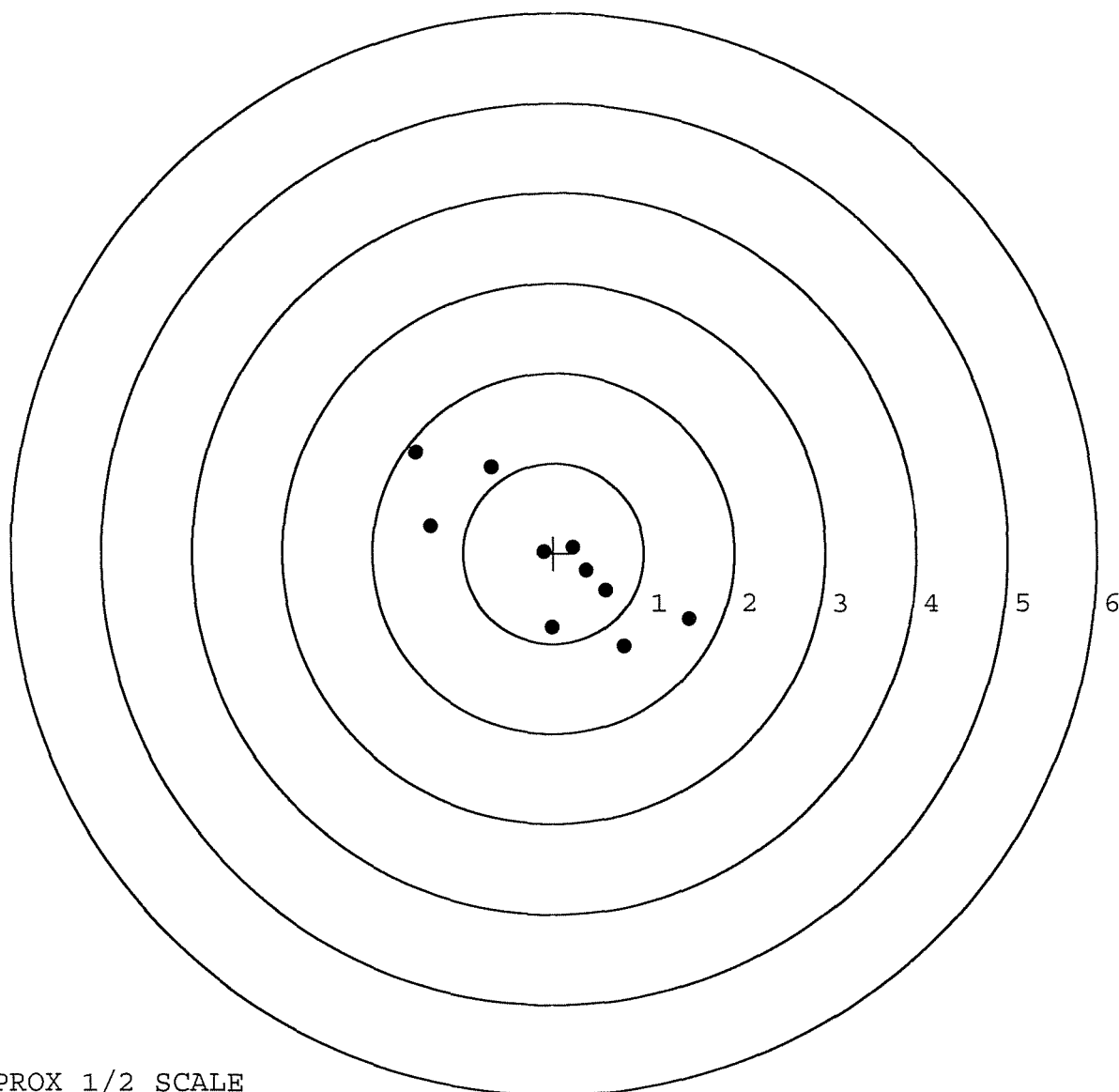
MEAN RADIUS: 0.969

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.506	-0.727
2:	0.783	-1.031
3:	-0.020	-0.824
4:	-1.361	0.295
5:	-0.693	0.955
6:	-1.521	1.119
7:	-0.110	0.015
8:	0.219	0.063
9:	0.365	-0.194
10:	0.579	-0.408

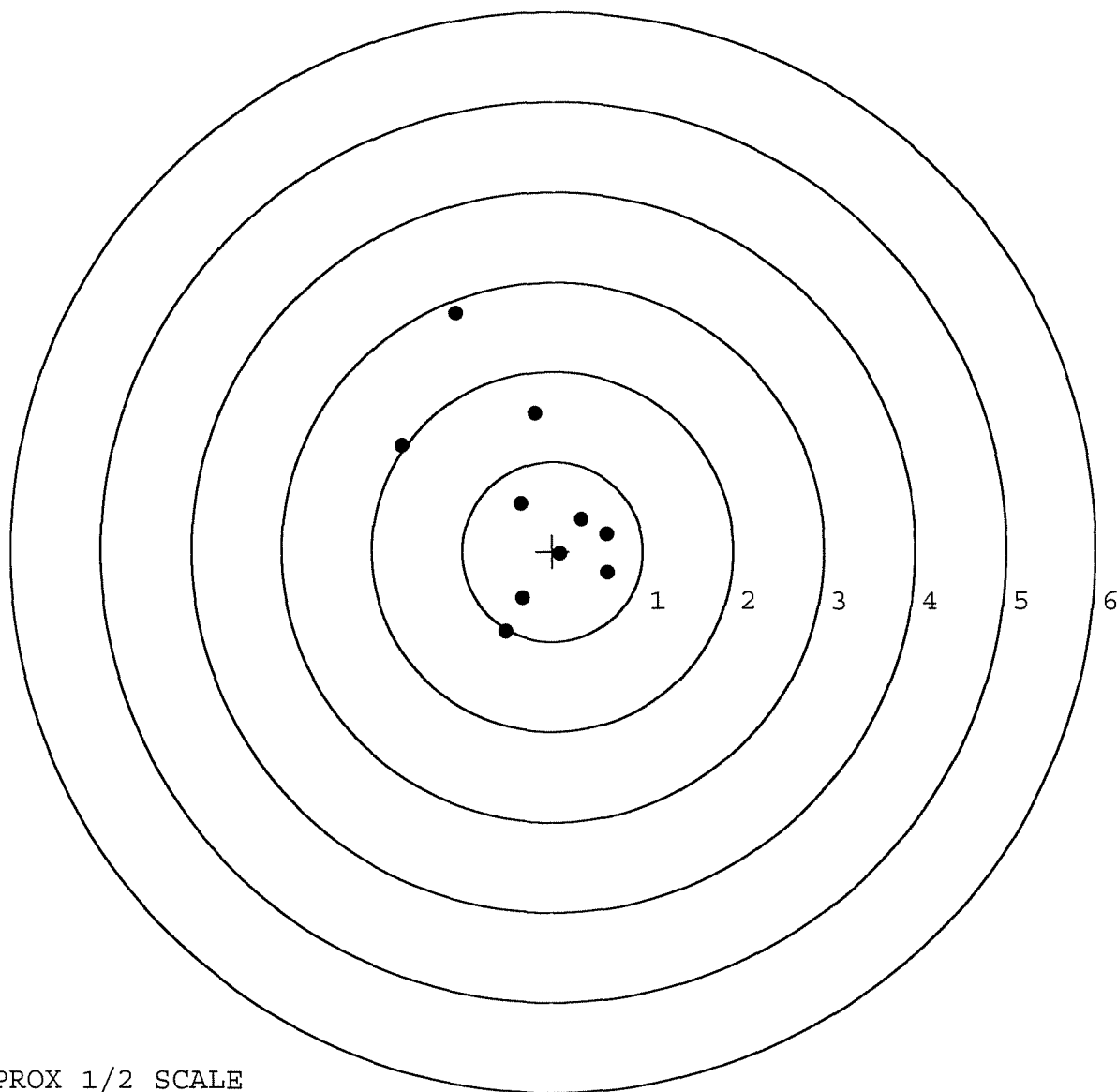


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __1
 TARGET NUMBER: 5
 FILE DATE: 10/10/2006
 FILE TIME: 10:33

X CENTROID: -0.254
 Y CENTROID: 0.475
 POA TO CENTROID: 0.538
 HORZ SPREAD: 2.281
 VERT SPREAD: 3.547
 GROUP SPREAD: 3.591
 MIN RADIUS: 0.114
 MAX RADIUS: 2.327
 MEAN RADIUS: 1.069
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.514	-0.895
2:	-0.339	-0.527
3:	0.613	-0.239
4:	0.084	-0.027
5:	0.603	0.194
6:	0.318	0.360
7:	-0.354	0.528
8:	-0.204	1.532
9:	-1.668	1.171
10:	-1.074	2.652



TARGET APPROX 1/2 SCALE

DATE: 20060911

MAINTENANCE REQUEST

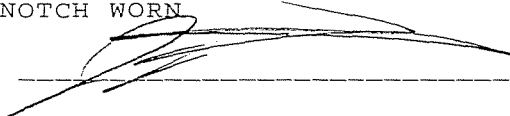
DA FORM 5990-E

----- CUSTOMER DATA -----
UIC: W2L58L HHC 2/29 INF. REGT. PHONE: (706)544-1450
UTIL CODE: 0

----- ACTIVITY DATA -----
SUP WON: ITT PHONE: 544-8635
SUP UIC: W6CR07 SHOP SEC:

----- EQUIPMENT DATA -----
TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24RIFLE
NOUN: RIFLE 7.62MM SNIP SER NUM: G6521350 /871122 QTY: 00001
ORG WON: 2L58L1601274 PRIORITY: 03 FAILURE DETECTED: F
MI/KM: 000000 HOURS: ----- ROUNDS:
IN WARRANTY: N LEVEL OF WORK: F ADMIN NUM: S-48

DEFICIENCY: FIRING PIN NOTCH WORN

PD AUTHENTICATING SIGNATURE: 

----- SIGNATURE DATA -----
SUBMITTED BY: ~~SSg Phillip Jernatue~~ ORD DATE: 06256 MIL TIME: 1115
ACCEPTED BY: G. Ballard STATUS: A ORD DATE: 06256 MIL TIME: 1115

----- ACTION DATA -----
WORK STARTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____
INSPECTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____
PICKED UP BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----
QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____
EVAC WON: _____ EVAC UNIT NAME: _____

SSg Phillip
575-8183

W6GT A70
M9WM
WAR
KYAB

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	118101		
SERIAL NUMBER	G6521350		
LOG-IN DATE	9-28-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-3-06	RTZ
505	RE-BARREL	10-4-06	RTZ
420	ASSEMBLE	10-4-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED OCT 06 2006 OPERATOR <u>APD</u>	TRW
460	CHECK HEADSPACE	10-4-06	TRW
470	DIS-ASSEMBLE GUN	10-4-06	RTZ
480	MAGNAFLUX	10-6-06	APD
510	DRILL AND TAP	10-5-06	SD
500	ROLLMARK CALIBER	10-6-06	RA
520	GOFF BLAST BBL / REC	10-6-06	LB
530 & 540	APPLY COATINGS	10/9/06	TRZ
560	FINAL ASSEMBLY	10-10-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	TRW
650	TARGET	PASS FAIL	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	N/A
	MALFUNCTION	CORRECTION	10-10-06 WR
670	FINAL INSPECTION		RTZ
	A) HEADSPACE	PASS FAIL	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.76 2.82 2.72 2.89 2.87 10-12-06 DAH
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 6.2 5.5 10-12-06 DAH
	G) SAFETY OFF FORCE	2 LBS MIN	2.9 2.9 2.9 10-12-06 DAH
	I) FIRING PIN INDENT	.020	1025 1023 1025 10-12-06 DAH
690	PACK		10-12-06 DAH

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

Repair Inquiry

Repair Number: **RE00104577**

Serial: E6413509 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 12/5/2005 10:56:00 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **TRANSPORTATION DIV DFEL**

TRANSPORTATION DIV DFEL

Address 1: **5759 MITCHELL AVENUE**

5759 MITCHELL AVENUE

Address 2: **BLDG 1836**

BLDG 1836

City: **FORT BENNING**

FORT BENNING

State: **GA**

Zip Code: **31905**

Country: **US**

State: **GA**

Zip Code: **31905**

Country: **US**

FPL

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	2
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

negletj

12/5/2005

12:46 PM

CAPS

NUM

INS

SCPL

start

2

Arms S

3

2

2

2

2

2

2

G-6521350
Serial Number: **E6413509**
Model: **M24 SWS**

RE00104577

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 10-11-05

TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.53	2.66		2.33	
PULL #2	2.59	2.66		2.36	
PULL #3	2.55	2.65		2.37	
PULL #4	2.65	2.65		2.41	
PULL #5	2.58	2.64		2.43	
TOTAL	12.92	13.26		11.90	
AVERAGE	2.58	2.65		2.38	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.91	2.93		
PULL #2	2.92	3.21		
PULL #3	3.09	3.27		
PULL #4	3.09	3.28		
PULL #5	3.13	3.36		
TOTAL	15.14	15.99		
AVERAGE	3.03	3.20		

	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	3.92	4.26		4.17
PULL #2	4.00	4.21		4.16
PULL #3	4.09	4.32		4.20
PULL #4	4.12	4.32		4.06
PULL #5	4.17	4.40		4.21
TOTAL	20.30	21.51		20.80
AVERAGE	4.06	4.30		4.16

1a. UIC CUSTOMER W2658P	1b. CUSTOMER UNIT NAME C 2-29	1c. PHONE NO 575-8183	3a. WORK ORDER NUMBER (WON) W564638	3b. SHOP W	3c. PHONE NO 4-2823
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT W61CR07	4b. SUPPORT UNIT NAME TTT	

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE 1	6. ID A	7. NSN 1095 0124 02136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751 D
8. MODEL SA-Per Rifle M24	9. NOUN M-24 SNIPER RIFLE		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751 099
10a. ORG WON/DOC NO	10b. EIC		16. MILES/KILOMETERS/HOURS/ROUNDS M K H R
11. SERIAL NUMBER E6413509	12. QTY 01	13. PD 03	17. PROJECT CODE (if assigned)
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) Repair as Needed			18. ACCOUNT PROCESSING CODE M9MM
			19. IN WARRANTY? (enter Y or N) Y
			20. ADMIN NO
			21. REIMBURSABLE CUSTOMER (if intransit customer enter Y or N) N
			22. LEVEL OF WORK E
			23. SIGNATURE

24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)

Bolt INQD
25. REMARKS E6413509

W/Scope 871122 POC Sgt PL/Hips

26. TECHNICAL REFERENCES

SECTION IV - TASK REQUIREMENTS DATA

27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP

SECTION V - PART REQUIREMENTS

28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$

28m. TOTAL MANHOURS	28n. TOTAL MANHOURS COSTS \$	28o. TOTAL PARTS COSTS \$

SECTION VI - COMPLETION DATA

29. QTY RPR	30. QTY CONDEMN	31. QTY NRTS	32. EVAC WON	33. EVAC UNIT NAME

SECTION VII - ACTION SIGNATURES

34a. SUBMITTED BY Philler	35a. ACCEPTED BY JG	35c. DATE 05333	36a. WORK STARTED BY	37a. INSPECTED BY	38a. PICKED UP BY
34b. DATE 05333	35b. STATUS A	35d. TIME 0943	36b. STATUS	36c. DATE	36d. TIME
37b. STATUS	37c. DATE	37d. TIME	38b. STATUS	38c. DATE	38d. TIME

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521350.___0

FILE DATE AND TIME: 12/13/2005 22:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.160
The Average Y Centroid of the Five Target Set:	0.021
The Average Point of Impact of the Five Target Set:	0.161
The Average Mean Radius of the Five Target Set:	0.730
The Distance from POA to Centroid Target #1:	0.038
The Distance from Centroid Target #2 to Centroid Target #1:	0.202
The Distance from Centroid Target #3 to Centroid Target #1:	0.187
The Distance from Centroid Target #4 to Centroid Target #1:	0.068
The Distance from Centroid Target #5 to Centroid Target #1:	0.284

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 1

FILE DATE: 12/13/2005

FILE TIME: 22:42

POINT#	X	Y
1:	0.012	0.687
2:	-0.551	0.564
3:	-0.642	0.341
4:	-0.982	0.408
5:	-0.482	-0.288
6:	-0.110	-0.203
7:	0.102	-0.423
8:	0.812	-1.112
9:	0.332	-0.071
10:	1.128	0.116

X CENTROID: -0.038

Y CENTROID: 0.002

POA TO CENTROID: 0.038

HORZ SPREAD: 2.110

VERT SPREAD: 1.799

GROUP SPREAD: 2.351

MIN RADIUS: 0.217

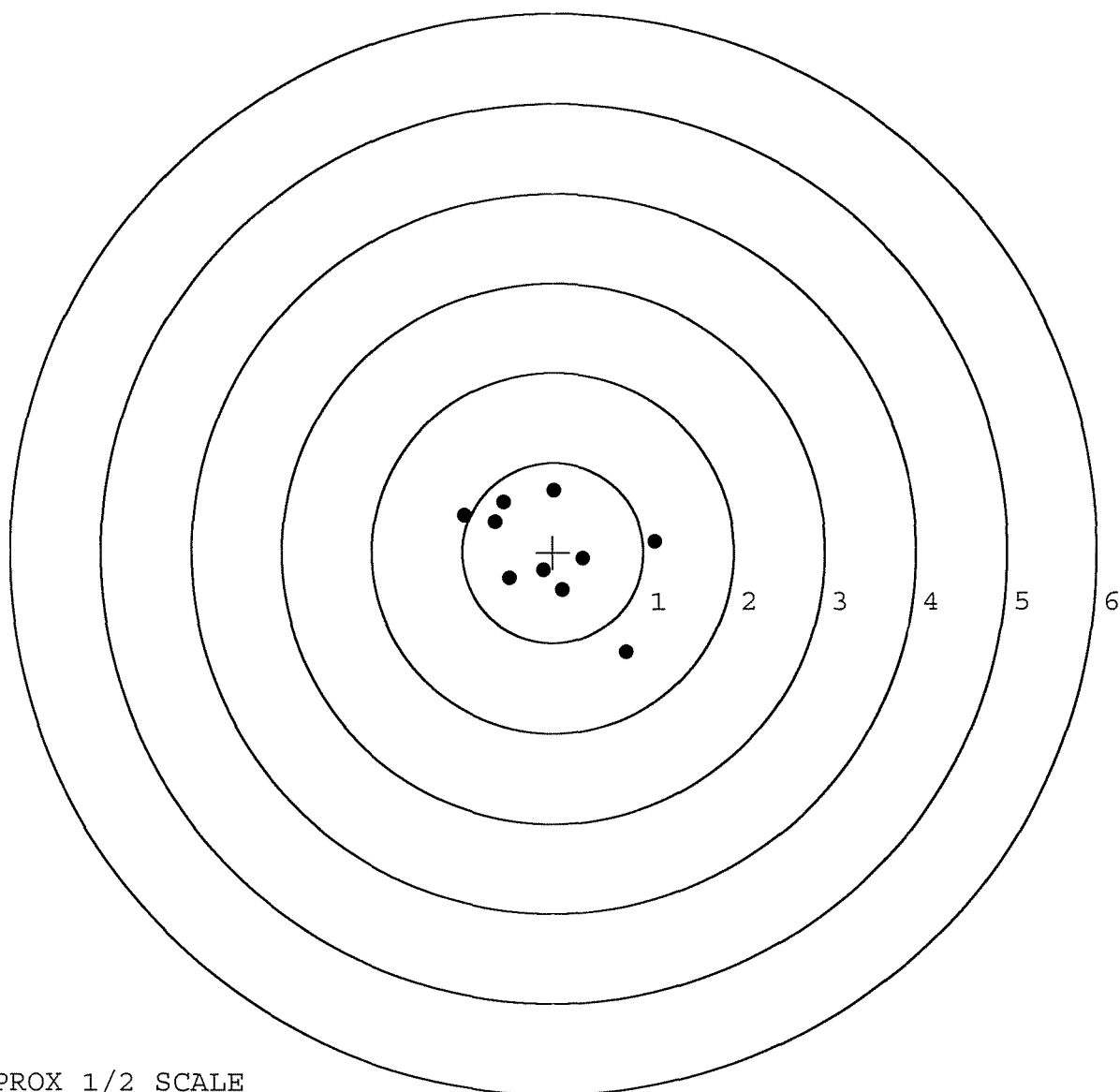
MAX RADIUS: 1.401

MEAN RADIUS: 0.731

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

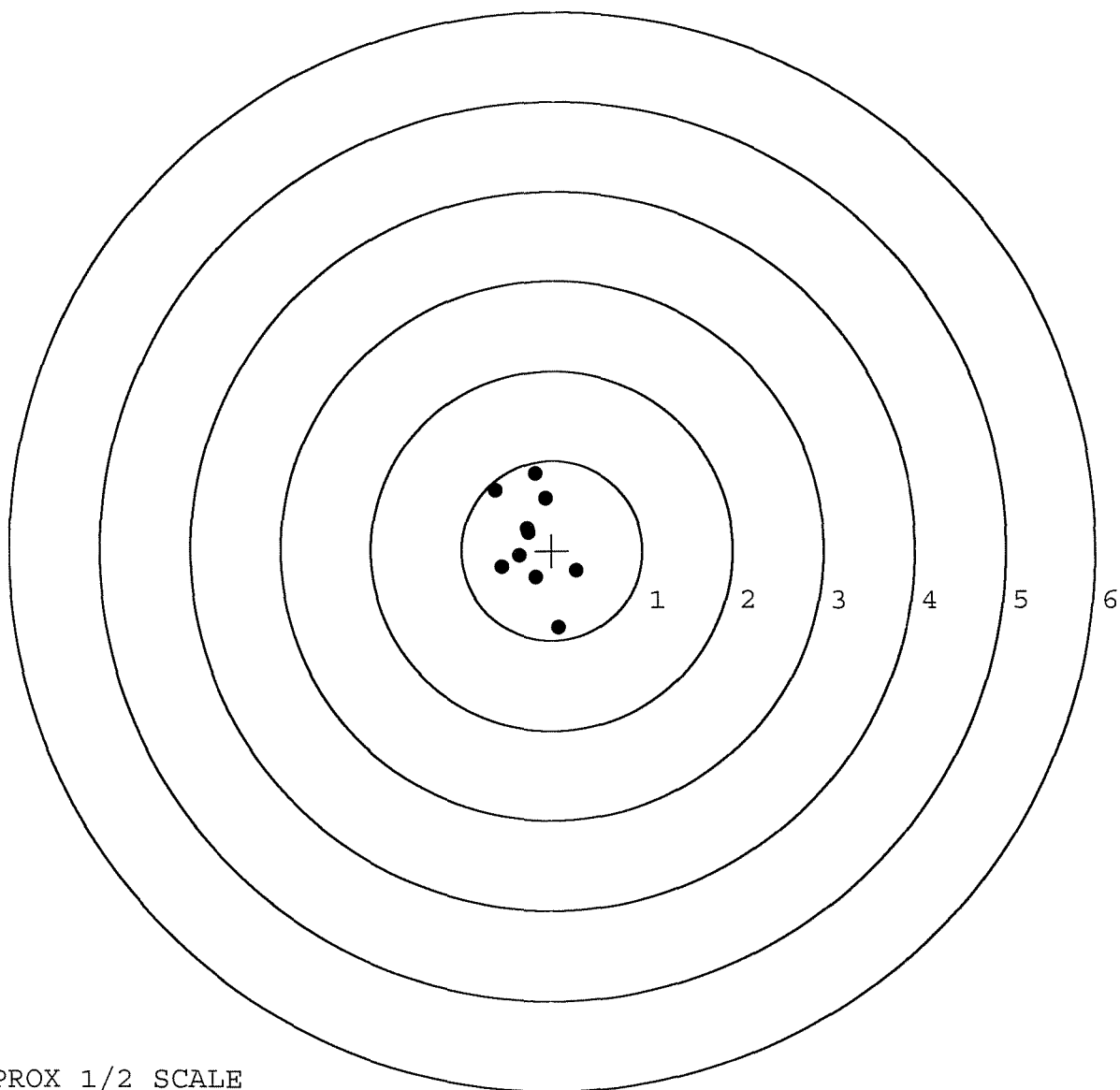


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0
TARGET NUMBER: 2
FILE DATE: 12/13/2005
FILE TIME: 22:42

X CENTROID: -0.219
Y CENTROID: 0.091
POA TO CENTROID: 0.237
HORZ SPREAD: 0.901
VERT SPREAD: 1.721
GROUP SPREAD: 1.742
MIN RADIUS: 0.117
MAX RADIUS: 0.999
MEAN RADIUS: 0.491
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.191	0.858
2:	-0.074	0.581
3:	-0.277	0.253
4:	-0.629	0.669
5:	-0.558	-0.189
6:	-0.363	-0.063
7:	-0.184	-0.301
8:	0.272	-0.232
9:	0.076	-0.863
10:	-0.260	0.201



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 3

FILE DATE: 12/13/2005

FILE TIME: 22:42

POINT#	X	Y
1:	-0.758	0.840
2:	-0.312	0.268
3:	-0.482	0.012
4:	-0.741	-0.270
5:	-0.809	-0.488
6:	-1.166	-1.196
7:	-0.010	-1.510
8:	0.382	-0.222
9:	0.375	0.364
10:	1.327	1.744

X CENTROID: -0.219

Y CENTROID: -0.046

POA TO CENTROID: 0.224

HORZ SPREAD: 2.493

VERT SPREAD: 3.254

GROUP SPREAD: 3.855

MIN RADIUS: 0.269

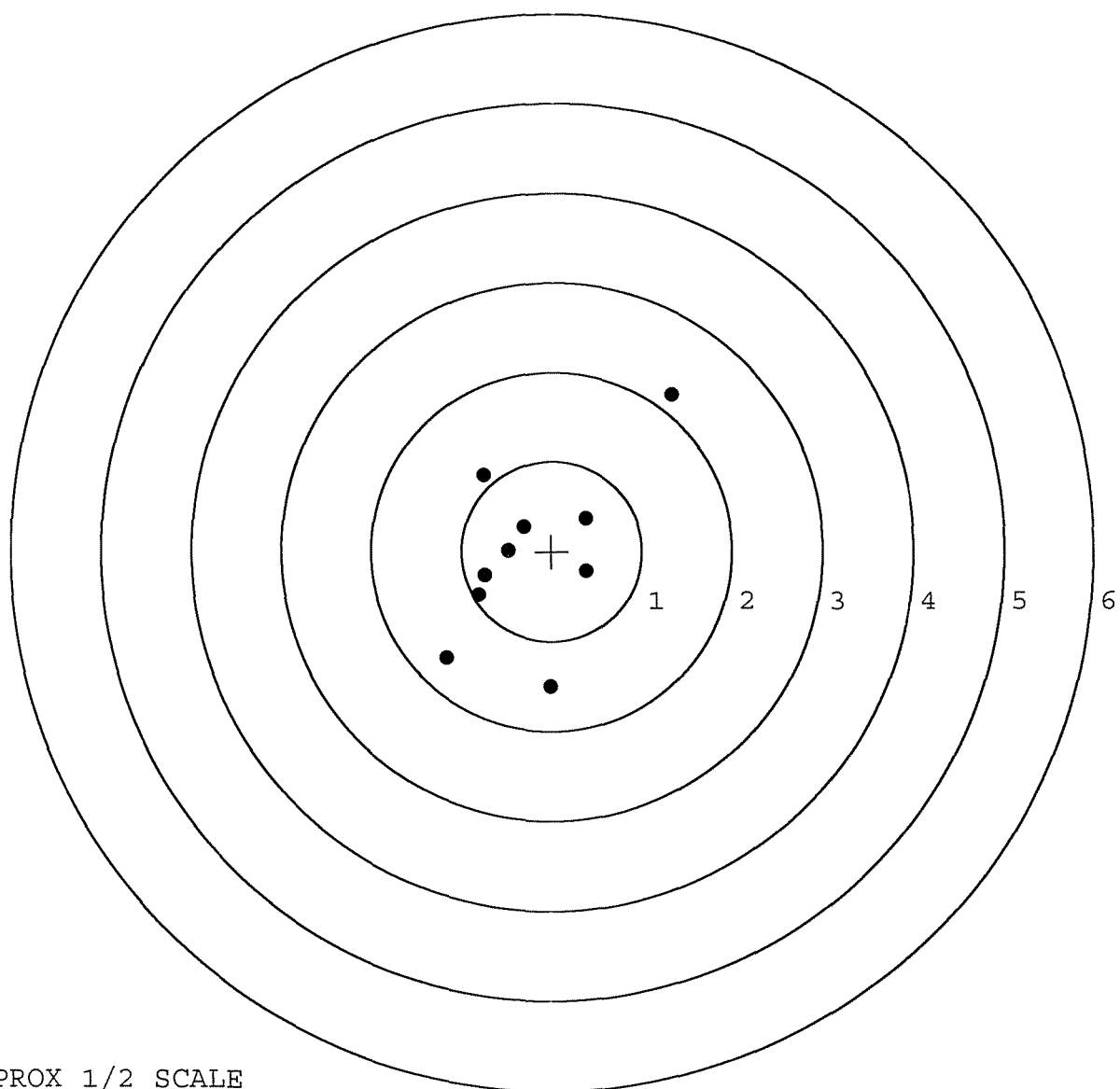
MAX RADIUS: 2.365

MEAN RADIUS: 0.962

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 4

FILE DATE: 12/13/2005

FILE TIME: 22:42

POINT#	X	Y
1:	-0.364	0.874
2:	-0.111	0.772
3:	-0.400	0.350
4:	-0.007	0.276
5:	-0.758	-0.164
6:	-1.165	-0.943
7:	0.133	-0.325
8:	0.421	0.242
9:	0.996	-0.127
10:	1.259	-0.379

X CENTROID: 0.000

Y CENTROID: 0.058

POA TO CENTROID: 0.058

HORZ SPREAD: 2.424

VERT SPREAD: 1.817

GROUP SPREAD: 2.489

MIN RADIUS: 0.219

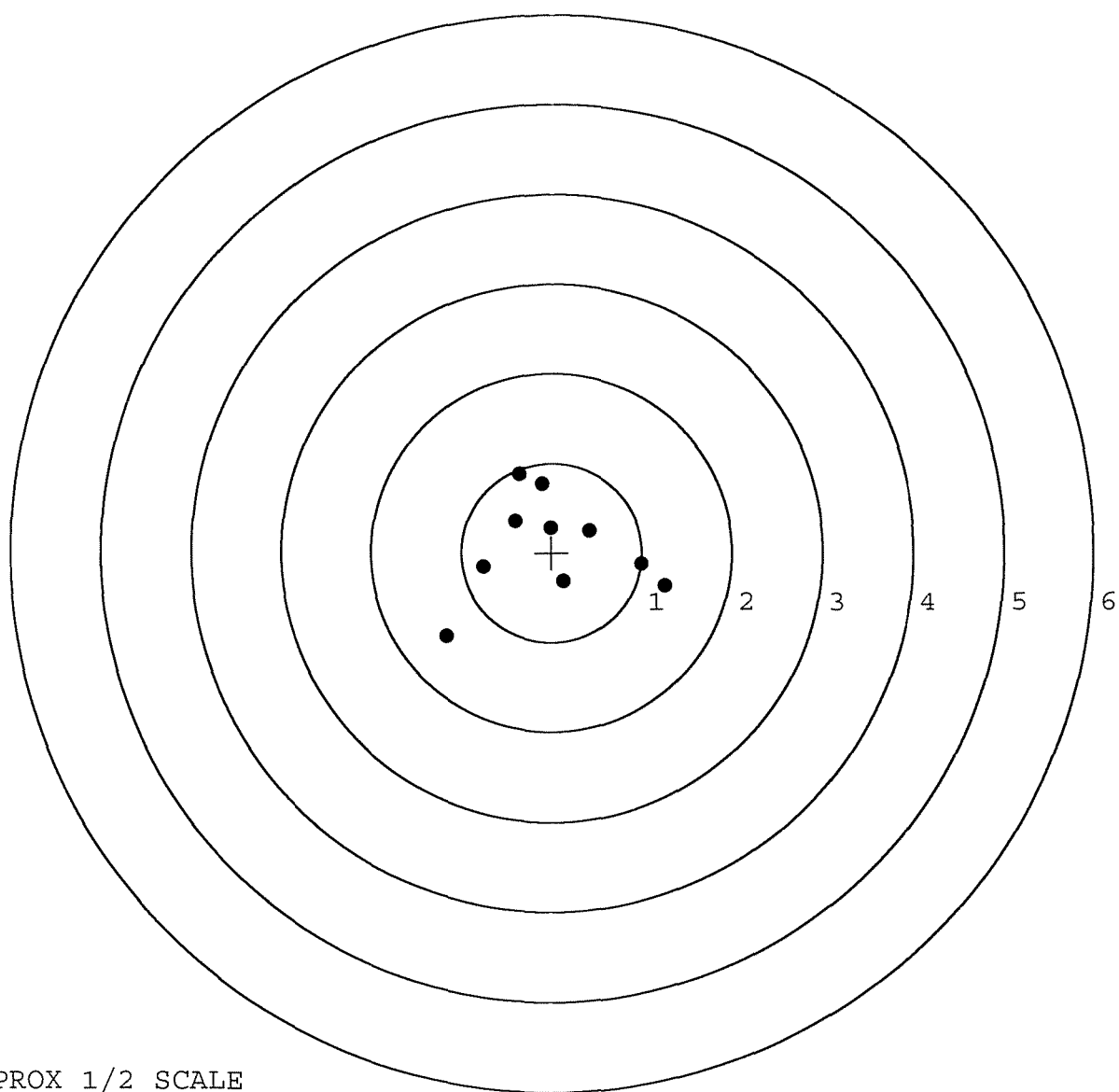
MAX RADIUS: 1.536

MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521350. __0

TARGET NUMBER: 5

FILE DATE: 12/13/2005

FILE TIME: 22:42

POINT#	X	Y
1:	-1.029	0.513
2:	-0.770	0.557
3:	0.025	0.249
4:	0.430	0.668
5:	-0.068	-0.296
6:	-0.344	-0.373
7:	-0.854	-0.550
8:	-0.885	-0.159
9:	0.885	-0.263
10:	-0.608	-0.334

X CENTROID: -0.322

Y CENTROID: 0.001

POA TO CENTROID: 0.322

HORZ SPREAD: 1.914

VERT SPREAD: 1.218

GROUP SPREAD: 2.065

MIN RADIUS: 0.375

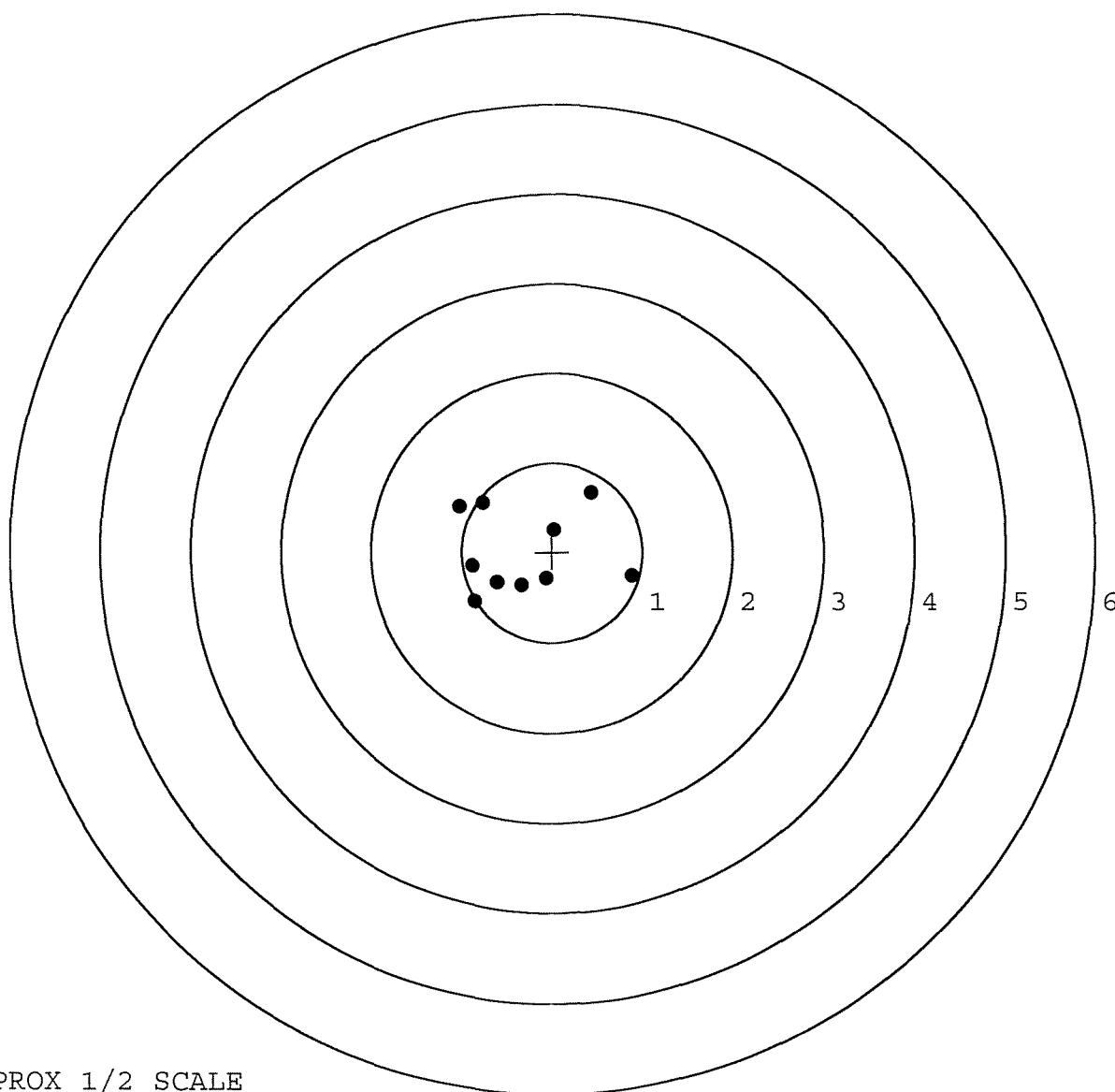
MAX RADIUS: 1.235

MEAN RADIUS: 0.681

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

FORT BENNING

R & E NUMBER	<i>104577</i>			
SERIAL NUMBER	<i>E6412509</i>	<i>G6521350</i>		
LOG-IN DATE	<i>12-5-05</i>			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		<i>12-6-05</i>	<i>RG</i>
505	RE-BARREL		<i>12-6-05</i>	<i>RG</i>
560	ASSEMBLE		<i>12-7-05</i>	<i>CD</i>
600	PROOF	<i>MAGNA-FLUX</i>	<i>12-7-05</i>	<i>CD</i>
605	CHECK HEADSPACE	<i>DEC 7 2005</i>	<i>12-7-05</i>	<i>CD</i>
610	DIS-ASSEMBLE GUN		<i>12-7-05</i>	<i>CD</i>
612	MAGNAFLUX	<i>ONE FOR HAND</i>	<i>12/12/05</i>	<i>WMB</i>
510	DRILL AND TAP		<i>12-9-05</i>	<i>BR</i>
615	ROLLMARK CALIBER		<i>12-12-05</i>	<i>CW</i>
618	ROTO-BLAST		<i>12-12-05</i>	<i>LB</i>
620	APPLY COATINGS		<i>12/13/05</i>	
625	FINAL ASSEMBLY		<i>12-13-05</i>	<i>RTZ</i>
640	FUNCTION TEST AND	<u>PASS</u> FAIL	<i>12-13-05</i>	<i>MTM</i>
650	TARGET	<u>PASS</u> FAIL	<i>12-13-05</i>	<i>MTM</i>
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		<i>12-14-05</i>	<i>AC</i>
	A) HEADSPACE	<u>PASS</u> FAIL	<i>12-14-05</i>	<i>AC</i>
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<i>2.24 2.33 2.41 2.38 2.32</i>	<i>A</i>
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	<i>6 lbs 6 lbs 6 lbs</i>	<i>A</i>
	G) SAFETY OFF FORCE	2 LBS MIN	<i>2 lbs 2 lbs 2 lbs</i>	<i>A</i>
	I) FIRING PIN INDENT	.020	<i>.022 .022 .022</i>	<i>A</i>
690	PACK		<i>12-16-05</i>	<i>DA</i>

Parts/Repairs

800-243-9700

Fax

336-548-7801

www.remington.com info@remington.com

**REPAIR
DOCUMENT****REPAIR
DOCUMENT**

Repair Order Number RE00057381 Account # - R-	Description/Serial Number B6896633 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)	Date Received - 12/12/2002 Estimate Date - Current Date - 12/13/2002
Customer USAIC DFEL SUPPLY DIV BLDG 490 FORT BENNING, GA 31905 US	Return To USAIC DFEL SUPPLY DIV BLDG 490 FORT BENNING, GA 31905 US	
Phone (H) Phone (W)	Fax Email	

Problems	
Reported	Found
M993 REFURBISH	

Technician's Comments	
Condition	REC'D IN HARD CASE W/ OTHER GUN.

Material #	Material	Model: 700	Material (Y/N)
Total:	 RE00057381		
B6896633 E 6413509			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413509.___0
FILE DATE AND TIME: 01/15/2003 14:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.070
The Average Y Centroid of the Five Target Set:	-0.087
The Average Point of Impact of the Five Target Set:	0.112
The Average Mean Radius of the Five Target Set:	0.660
The Distance from POA to Centroid Target #1:	0.214
The Distance from Centroid Target #2 to Centroid Target #1:	0.242
The Distance from Centroid Target #3 to Centroid Target #1:	0.228
The Distance from Centroid Target #4 to Centroid Target #1:	0.069
The Distance from Centroid Target #5 to Centroid Target #1:	0.106

SERIAL NUMBER: E6413509. __0

TARGET NUMBER: 1

FILE DATE: 01/15/2003

FILE TIME: 14:33

X CENTROID: -0.144

Y CENTROID: -0.159

POA TO CENTROID: 0.214

HORZ SPREAD: 1.048

VERT SPREAD: 1.783

GROUP SPREAD: 1.821

MIN RADIUS: 0.249

MAX RADIUS: 1.144

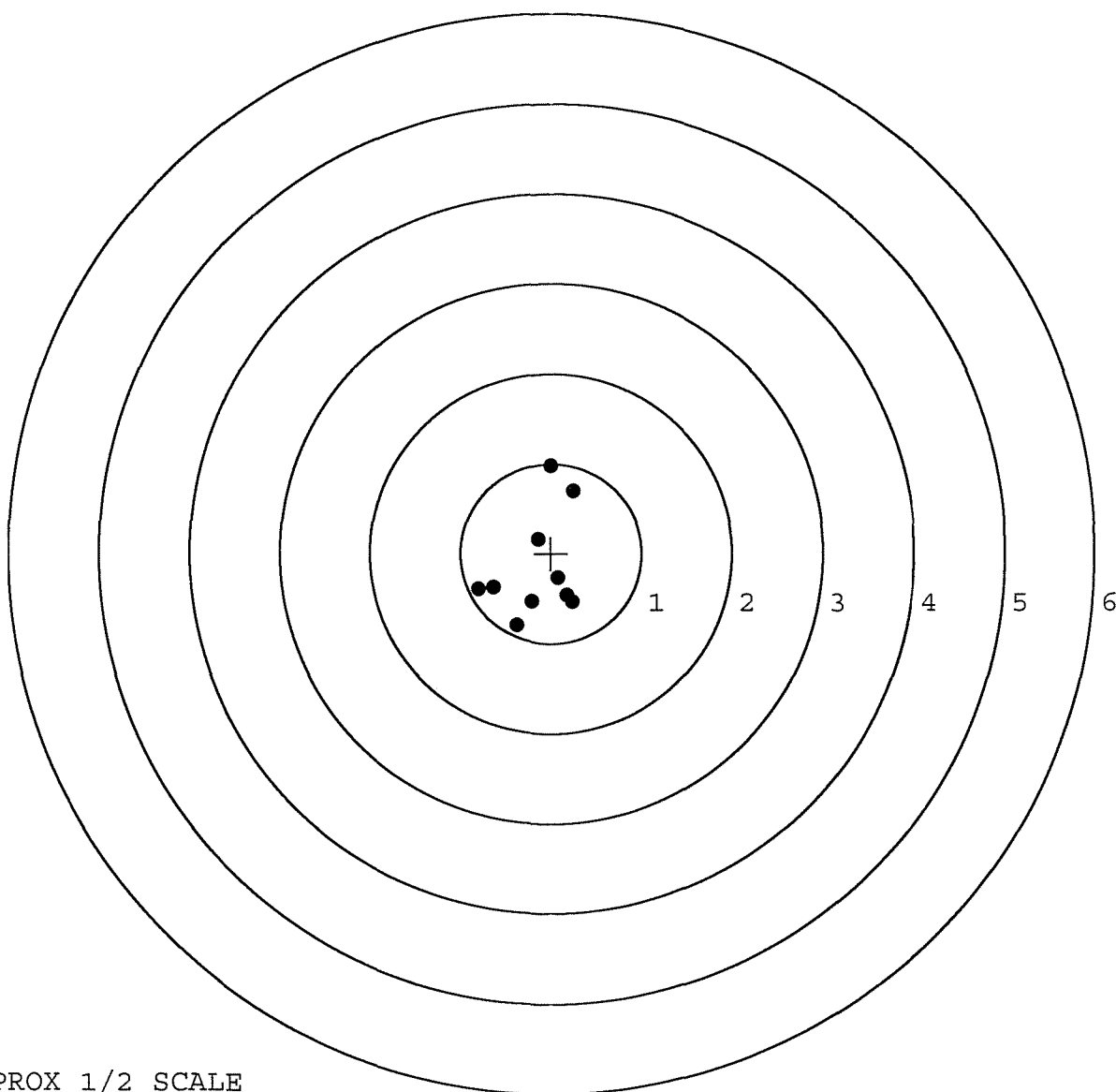
MEAN RADIUS: 0.596

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.239	-0.543
2:	0.180	-0.469
3:	0.076	-0.275
4:	-0.214	-0.539
5:	-0.380	-0.805
6:	-0.634	-0.385
7:	-0.803	-0.402
8:	0.245	0.694
9:	-0.012	0.978
10:	-0.140	0.160



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413509. __0

TARGET NUMBER: 2

FILE DATE: 01/15/2003

FILE TIME: 14:33

POINT#	X	Y
1:	0.525	-0.943
2:	0.740	-0.691
3:	0.715	-0.023
4:	0.171	-0.274
5:	-0.252	-0.856
6:	0.117	0.283
7:	0.284	0.876
8:	-0.231	0.500
9:	-0.477	0.409
10:	-0.953	0.370

X CENTROID: 0.064

Y CENTROID: -0.035

POA TO CENTROID: 0.073

HORZ SPREAD: 1.693

VERT SPREAD: 1.819

GROUP SPREAD: 1.998

MIN RADIUS: 0.262

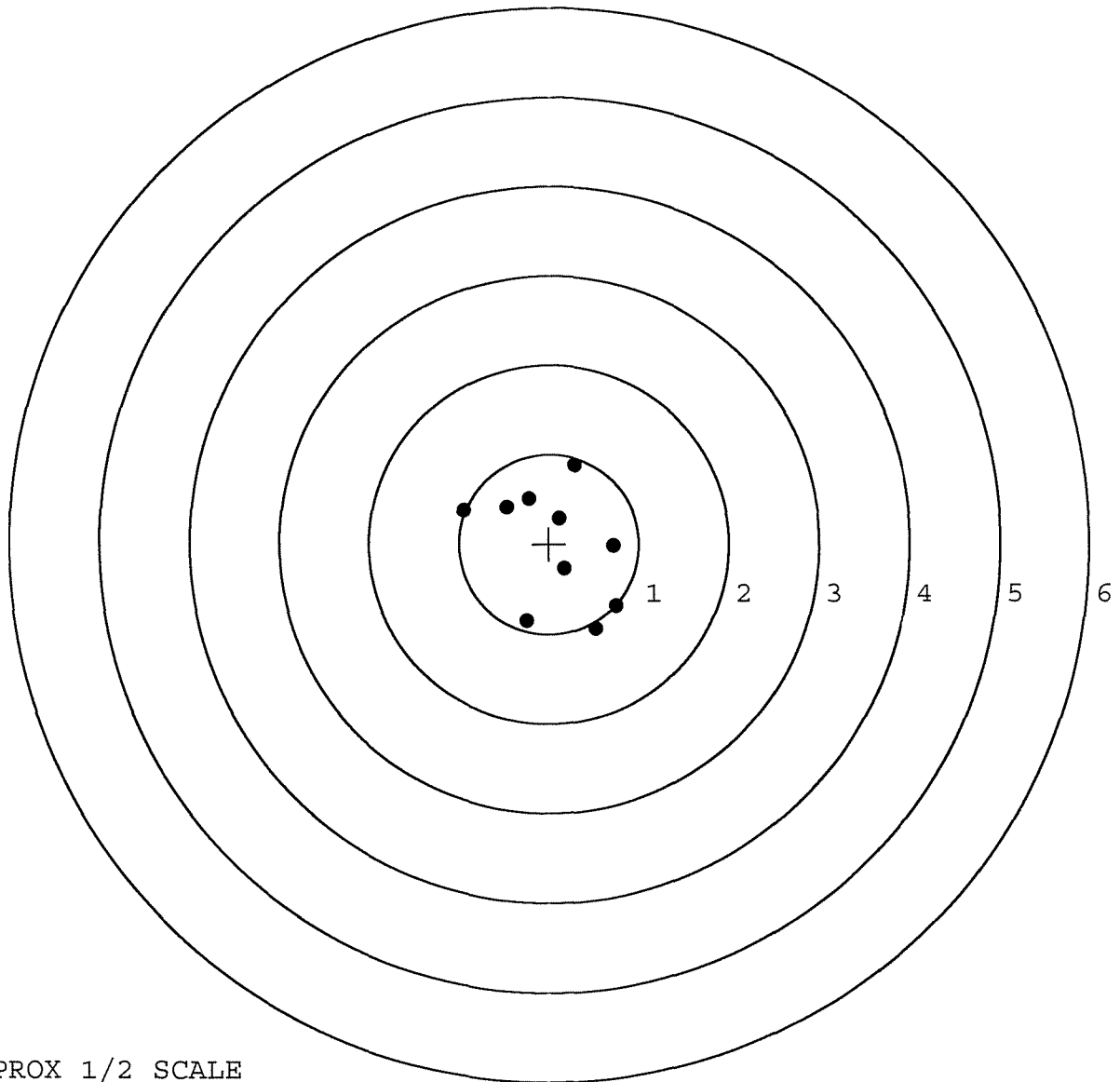
MAX RADIUS: 1.095

MEAN RADIUS: 0.742

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413509. __0

TARGET NUMBER: 3

FILE DATE: 01/15/2003

FILE TIME: 14:33

POINT#	X	Y
1:	0.249	-1.358
2:	0.388	0.050
3:	0.507	0.149
4:	0.693	0.753
5:	0.205	0.823
6:	-0.326	0.426
7:	-0.030	-0.254
8:	-0.267	-0.293
9:	-0.472	-0.313
10:	-0.875	0.130

X CENTROID: 0.007

Y CENTROID: 0.011

POA TO CENTROID: 0.013

HORZ SPREAD: 1.568

VERT SPREAD: 2.181

GROUP SPREAD: 2.181

MIN RADIUS: 0.268

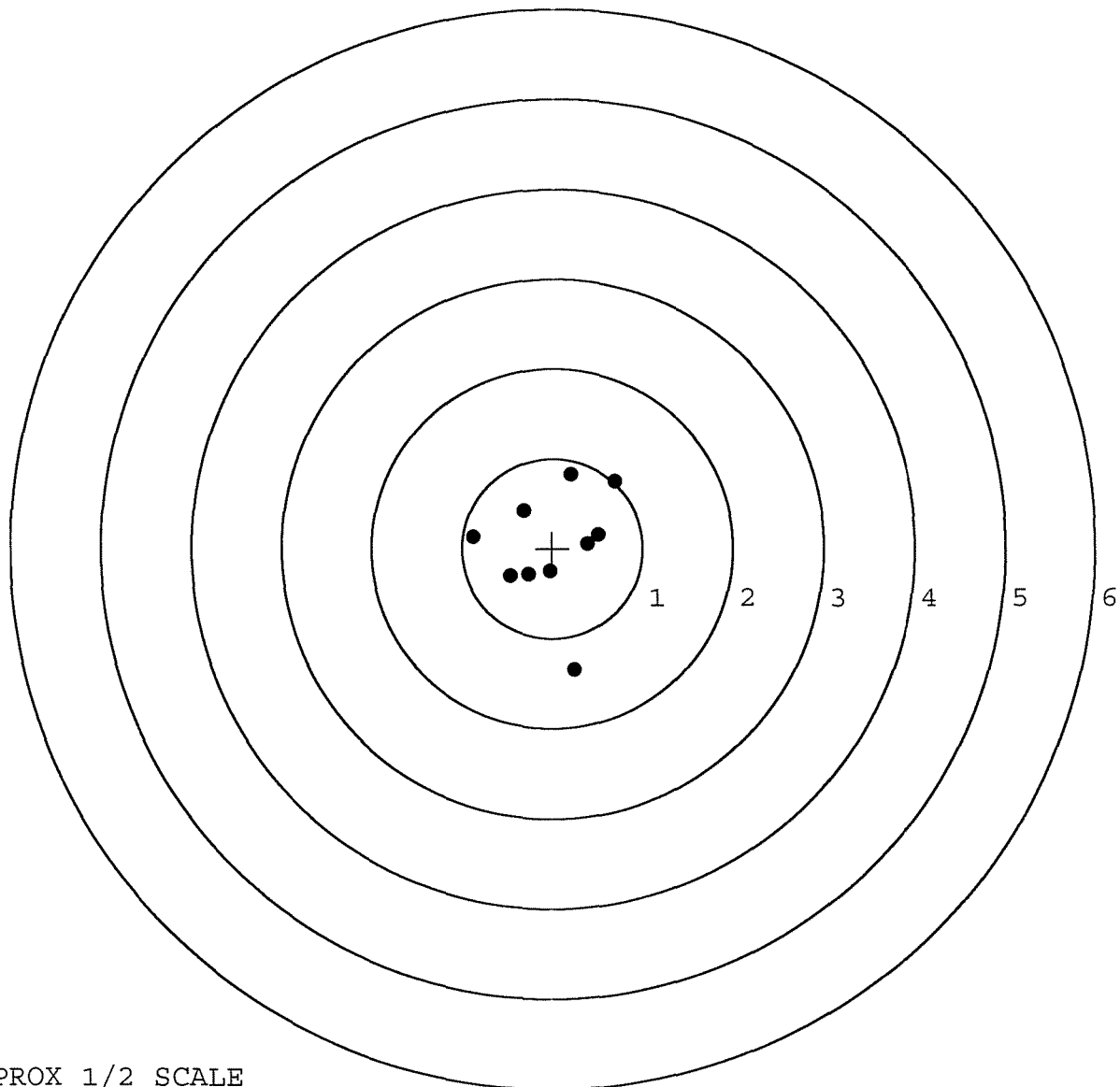
MAX RADIUS: 1.390

MEAN RADIUS: 0.682

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413509. __0

TARGET NUMBER: 4

FILE DATE: 01/15/2003

FILE TIME: 14:33

POINT#	X	Y
1:	-0.443	-1.042
2:	-0.840	-0.385
3:	-0.417	-0.339
4:	0.244	-0.463
5:	0.438	-0.172
6:	0.059	0.181
7:	-0.324	0.430
8:	-0.308	0.256
9:	-0.420	-0.007
10:	-0.126	-0.074

X CENTROID: -0.214

Y CENTROID: -0.161

POA TO CENTROID: 0.268

HORZ SPREAD: 1.278

VERT SPREAD: 1.472

GROUP SPREAD: 1.477

MIN RADIUS: 0.124

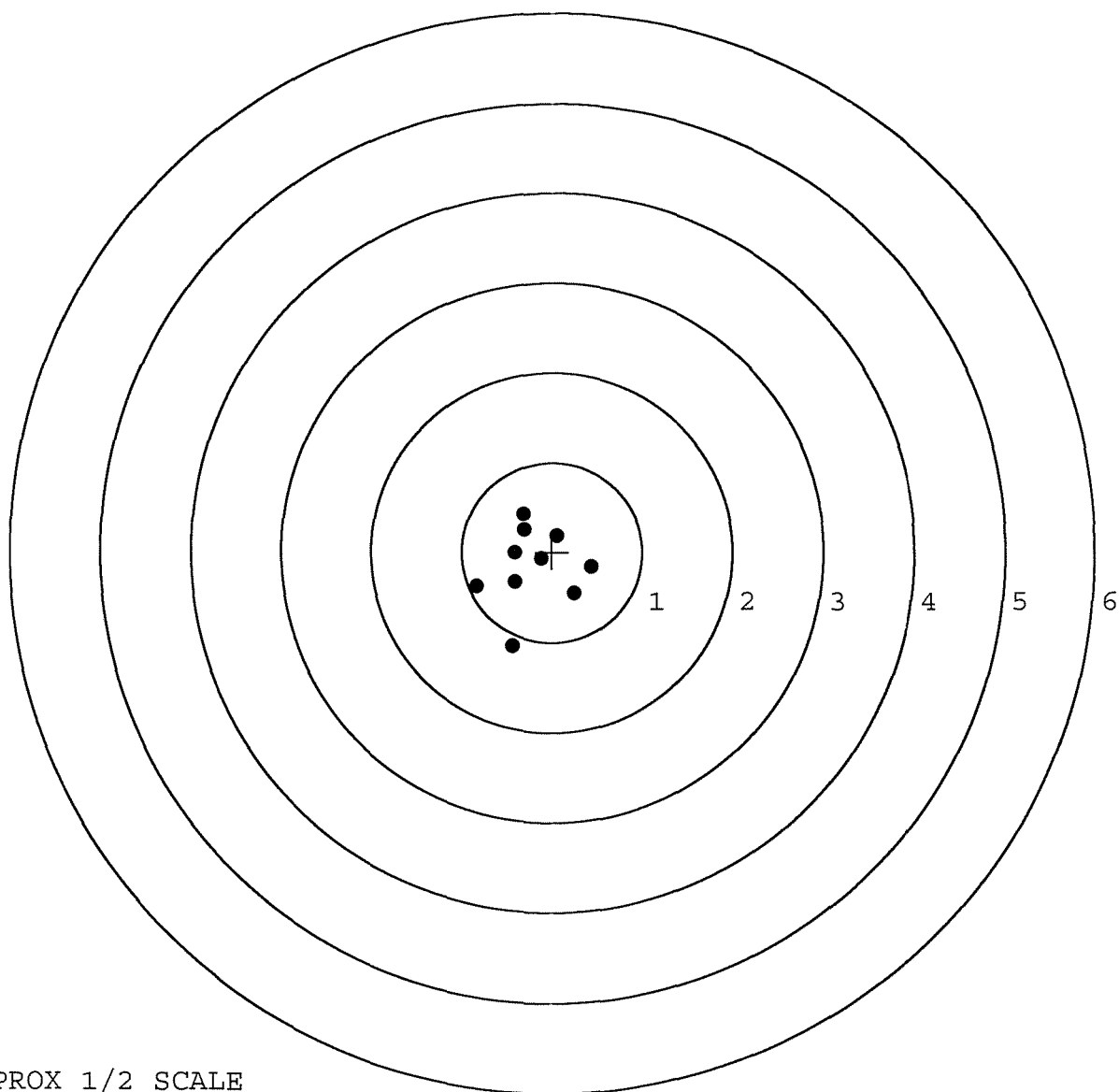
MAX RADIUS: 0.910

MEAN RADIUS: 0.489

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

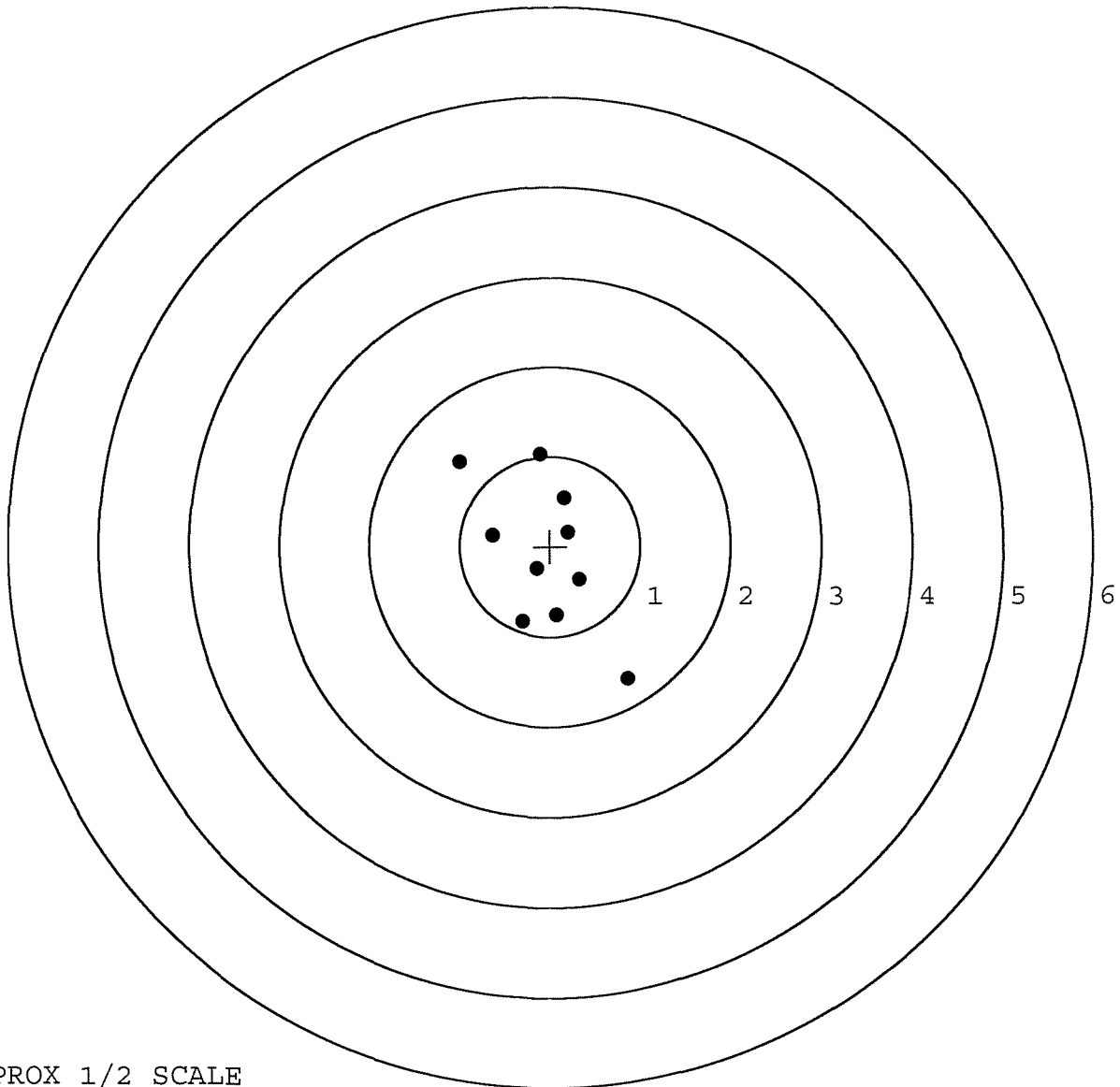


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413509. __0
TARGET NUMBER: 5
FILE DATE: 01/15/2003
FILE TIME: 14:33

POINT#	X	Y
1:	0.863	-1.471
2:	-0.308	-0.834
3:	0.068	-0.761
4:	0.320	-0.372
5:	-0.150	-0.252
6:	0.199	0.158
7:	0.152	0.534
8:	-0.120	1.022
9:	-0.640	0.122
10:	-1.001	0.939

X CENTROID: -0.062
Y CENTROID: -0.091
POA TO CENTROID: 0.110
HORZ SPREAD: 1.864
VERT SPREAD: 2.493
GROUP SPREAD: 3.047
MIN RADIUS: 0.183
MAX RADIUS: 1.661
MEAN RADIUS: 0.793
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

3.00# + 1.00#

TESTER

TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.30		2.46	MIN. SETTING
PULL #2	2.46	2.26		2.47	NO AVG. OF 5
PULL #3	2.38	2.43		2.50	READINGS ACCEPT
PULL #4	2.39	2.20		2.49	ABLE LESS THAN
PULL #5	2.37	2.27		2.49	
TOTAL	12.12	11.46		12.41	
AVG.	2.42	2.29		2.48	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.20		
PULL #2	3.10	3.05		
PULL #3	3.11	3.14		
PULL #4	3.10	3.22		
PULL #5	3.15	3.07		
TOTAL	15.61	15.68		
AVG.	3.12	3.13		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# & TARGET & ACCU
PULL #1	4.41	4.38		4.20
PULL #2	4.35	4.40		4.28
PULL #3	4.38	4.24		4.21
PULL #4	4.39	4.33		4.27
PULL #5	4.41	4.27		4.17
TOTAL	21.94	21.62		21.13
AVG.	4.38	4.32		4.22

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

SERIAL # FL413509 INSPECTED BY: RTL

DATE REC'D: 12-12-02 DATE RET'D: 1-16-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	57381		
SERIAL NUMBER	156896633	E10413509	New
LOG-IN DATE	12-12-02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-2-03	RTL
560 A	RE-BARREL	1-7-03	DA
B	DRILL AND TAP	1-7-03	TRW
575	ASSEMBLE	1-7-03	RL
600	PROOF	1-7-03	RW
605	CHECK HEADSPACE	1-7-03	RW
610	DIS-ASSEMBLE GUN	1-7-03	RW
612	MAGNAFLUX	1-8-03	JD
615	ROLLMARK CALIBER	1-7-03	RW
618	ROTO-BLAST	1-8-03	RL
620	APPLY COATINGS	1-10	TRW
625 A	FINAL ASSEMBLY	1-13-03	RL
B	TRIGGER PULL TEST	1-16-03	TRW
C	SAFETY "ON" FORCE	1-16-03	TRW
D	SAFETY "OFF" FORCE	1-16-03	TRW
E	FIRING PIN INDENT		
640	TARGET	1-14-03	TRW
655	FINAL INSPECT	1-16-03	RTL
660	PACK	1-16-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		