

C6594591

MODEL 700™ M24

Model S&S™

Action _____

Barrel Length _____

Capacity _____

Order No. 5715

*Includes 1 in chamber.



Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: RE00171637

Serial: C6594591 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/20/1991

Repairman:

Status:

Closed 7/21/2009 12:57:21 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: SD ARMS ROOM

SD ARMS ROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY Zip Code: 42223

Country: US

State: KY Zip Code: 42223

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1

Repair Search

Refresh

Close

nagletj

7/22/2009

10:27 AM

CAPS

NUM

INS

SCR1



Arms Services Repair



10:27 AM

Serial Number: C6594591

Model: M24 SWS



RE00171637

INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER

171637

SERIAL NUMBER

C6594591

LOG-IN DATE

7-21-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-22-09	RTZ
505	RE-BARREL	7-23-09	RTZ
420	ASSEMBLE	7-23-09	RTZ
440	PROOF	7-23-09	RTZ
460	CHECK HEADSPACE	7-23-09	RTZ
470	DIS-ASSEMBLE GUN	7-23-09	RTZ
480	MAGNAFLUX	7-23-09	RTZ
510	DRILL AND TAP	7-24-09	SP
500	ROLLMARK CALIBER	7-28-09	DWP
520	GOFF BLAST BBL / REC	7/30/09	WY
530 & 540	APPLY COATINGS	8/1	
560	FINAL ASSEMBLY	8-5-09	RTZ
640	FUNCTION TEST AND	8-6-09	RTZ
650	TARGET	8-6-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8/6/09	RP
	A) HEADSPACE	8-7-09	RTZ
	B) TRIGGER PULL	260 251 251 248 263 8-7-09	RTZ
680	F) SAFETY ON FORCE	40 40 40 8-7-09	RTZ
	G) SAFETY OFF FORCE	40 40 40 8-7-09	RTZ
	I) FIRING PIN INDENT	.002 .022 .022 8-7-09	RTZ
690	PACK	8/27/09	Fry

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594591.___2
FILE DATE AND TIME: 08/07/2009 05:43

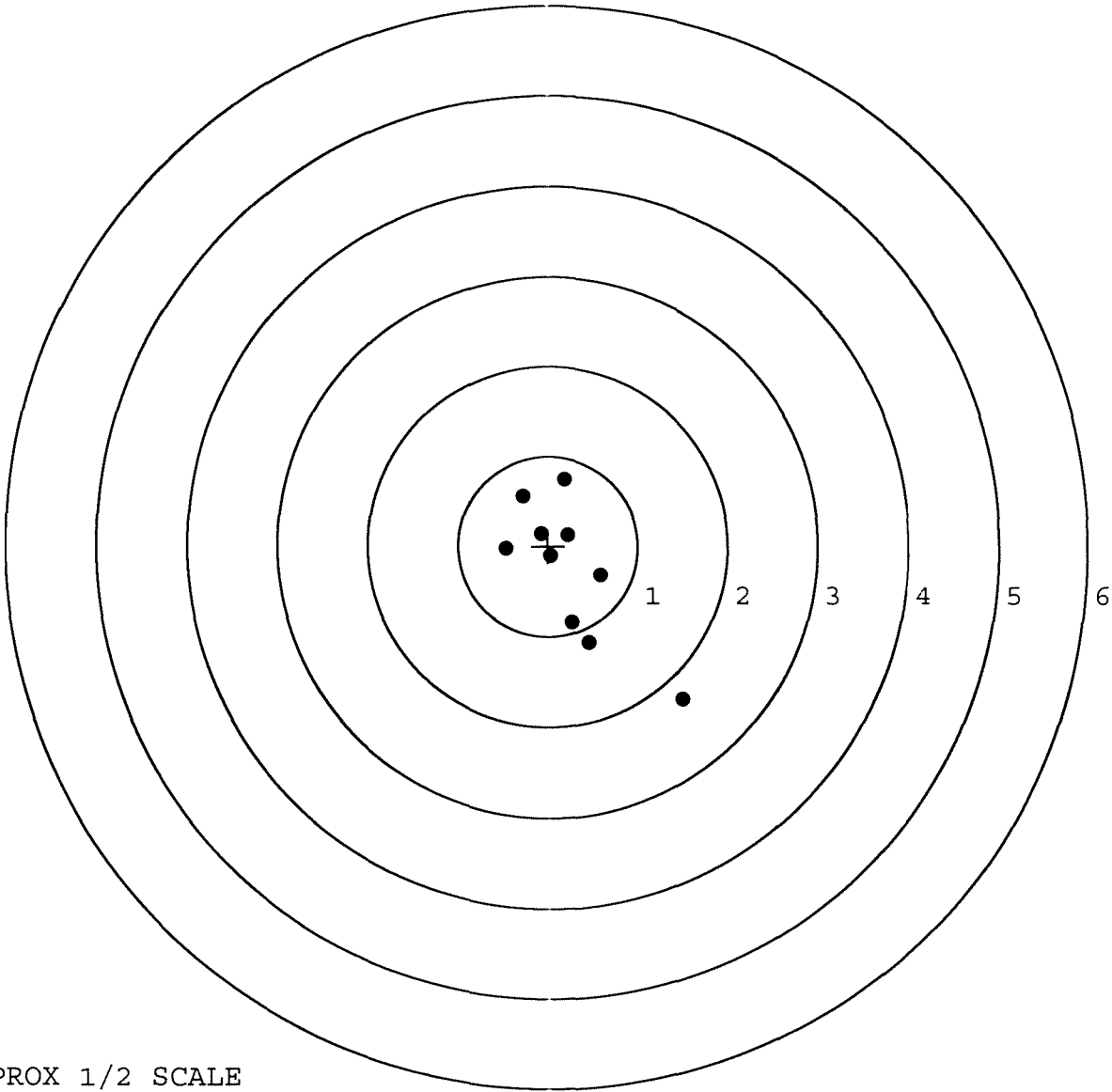
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.091
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.092
The Average Mean Radius of the Five Target Set:	0.560
The Distance from POA to Centroid Target #1:	0.350
The Distance from Centroid Target #2 to Centroid Target #1:	0.375
The Distance from Centroid Target #3 to Centroid Target #1:	0.496
The Distance from Centroid Target #4 to Centroid Target #1:	0.378
The Distance from Centroid Target #5 to Centroid Target #1:	0.305

SERIAL NUMBER: C6594591. __2
TARGET NUMBER: 1
FILE DATE: 08/07/2009
FILE TIME: 05:43

X CENTROID: 0.242
Y CENTROID: -0.253
POA TO CENTROID: 0.350
HORZ SPREAD: 1.966
VERT SPREAD: 2.439
GROUP SPREAD: 2.873
MIN RADIUS: 0.254
MAX RADIUS: 1.914
MEAN RADIUS: 0.756
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.182	0.740
2:	-0.281	0.558
3:	-0.470	-0.029
4:	0.585	-0.325
5:	0.458	-1.073
6:	0.270	-0.853
7:	1.496	-1.699
8:	-0.079	0.138
9:	0.030	-0.112
10:	0.225	0.122

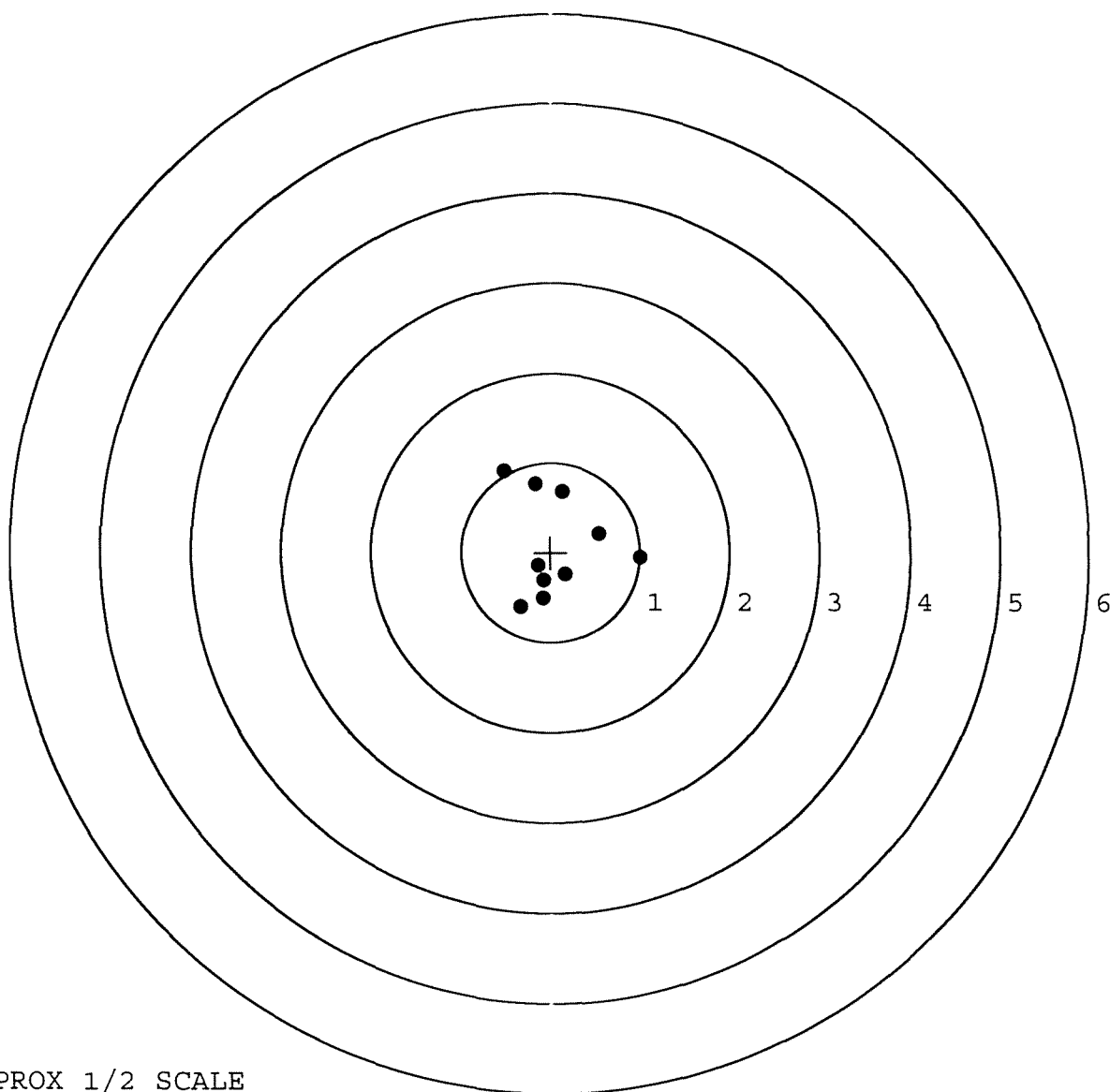


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __2
TARGET NUMBER: 2
FILE DATE: 08/07/2009
FILE TIME: 05:43

X CENTROID: 0.047
Y CENTROID: 0.067
POA TO CENTROID: 0.081
HORZ SPREAD: 1.529
VERT SPREAD: 1.523
GROUP SPREAD: 1.810
MIN RADIUS: 0.290
MAX RADIUS: 1.021
MEAN RADIUS: 0.627
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.526	0.912
2:	-0.180	0.766
3:	0.127	0.679
4:	0.546	0.214
5:	1.003	-0.057
6:	-0.344	-0.611
7:	-0.092	-0.517
8:	-0.145	-0.151
9:	0.162	-0.250
10:	-0.083	-0.318

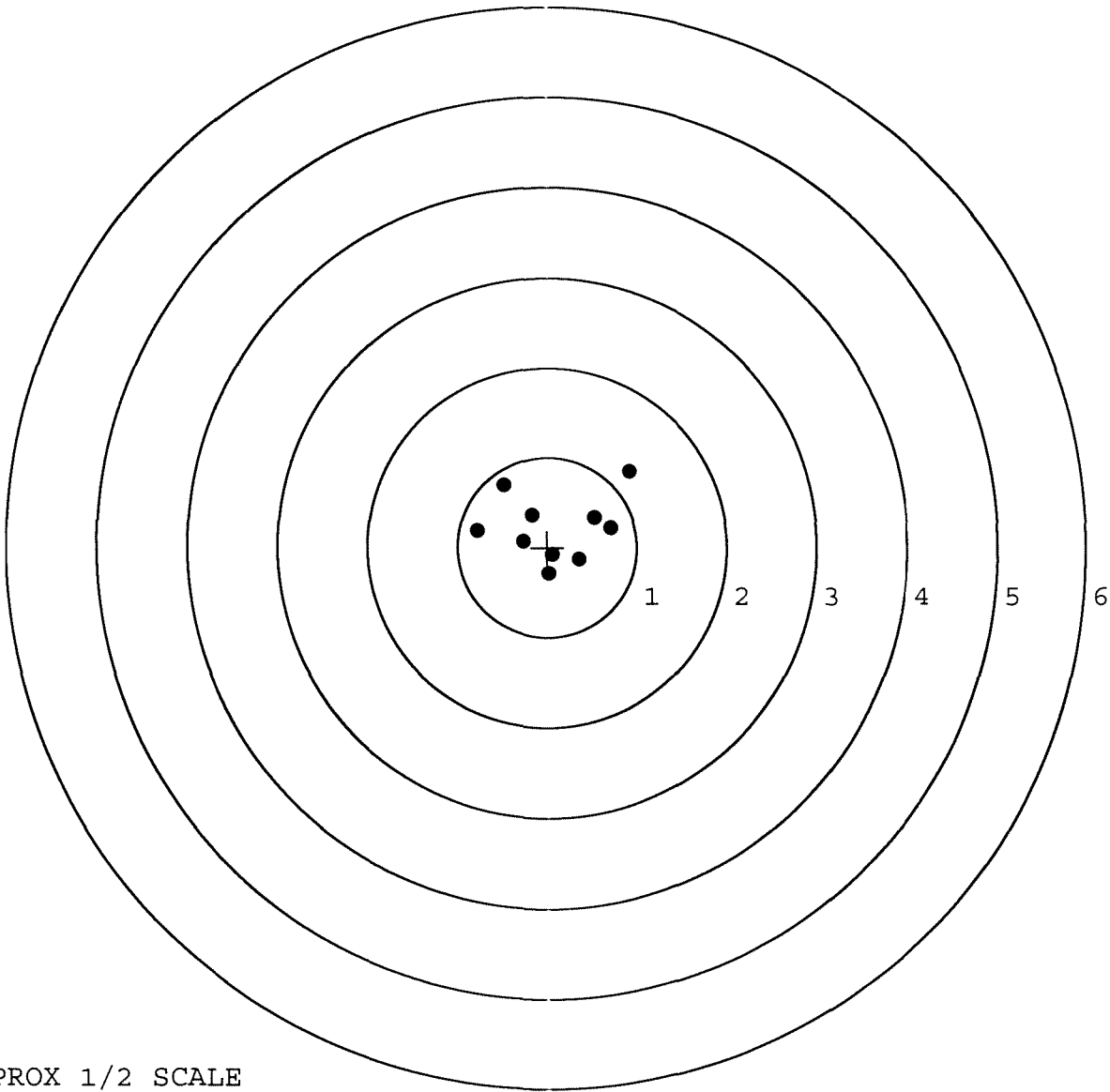


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __2
TARGET NUMBER: 3
FILE DATE: 08/07/2009
FILE TIME: 05:43

X CENTROID: 0.087
Y CENTROID: 0.218
POA TO CENTROID: 0.234
HORZ SPREAD: 1.697
VERT SPREAD: 1.136
GROUP SPREAD: 1.820
MIN RADIUS: 0.299
MAX RADIUS: 1.040
MEAN RADIUS: 0.567
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.919	0.842
2:	0.523	0.330
3:	0.711	0.216
4:	-0.490	0.689
5:	-0.778	0.185
6:	-0.180	0.359
7:	-0.267	0.071
8:	0.357	-0.139
9:	0.014	-0.294
10:	0.057	-0.080

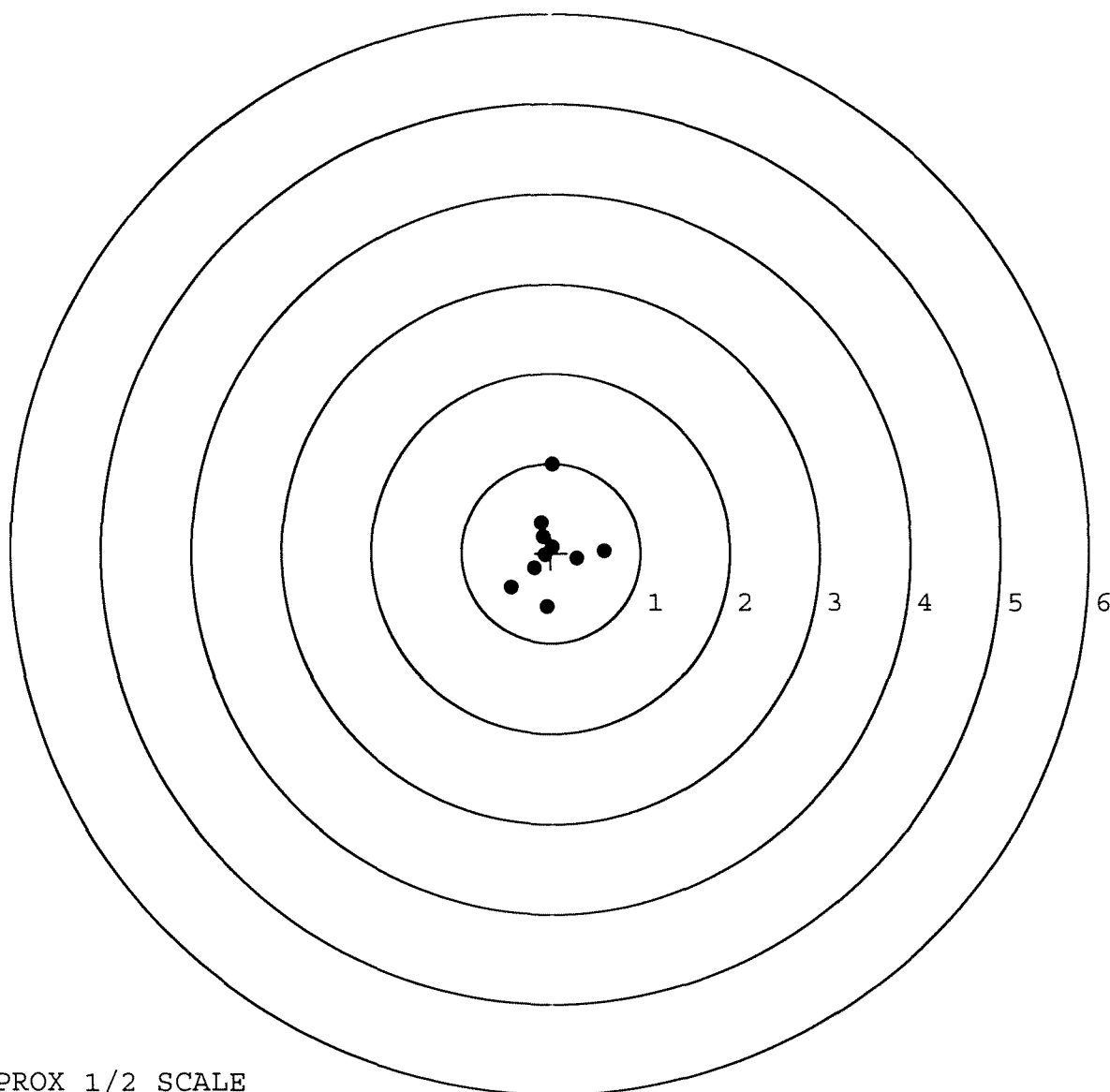


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591.__2
TARGET NUMBER: 4
FILE DATE: 08/07/2009
FILE TIME: 05:43

X CENTROID: -0.003
Y CENTROID: 0.035
POA TO CENTROID: 0.035
HORZ SPREAD: 1.048
VERT SPREAD: 1.594
GROUP SPREAD: 1.595
MIN RADIUS: 0.037
MAX RADIUS: 0.958
MEAN RADIUS: 0.401
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

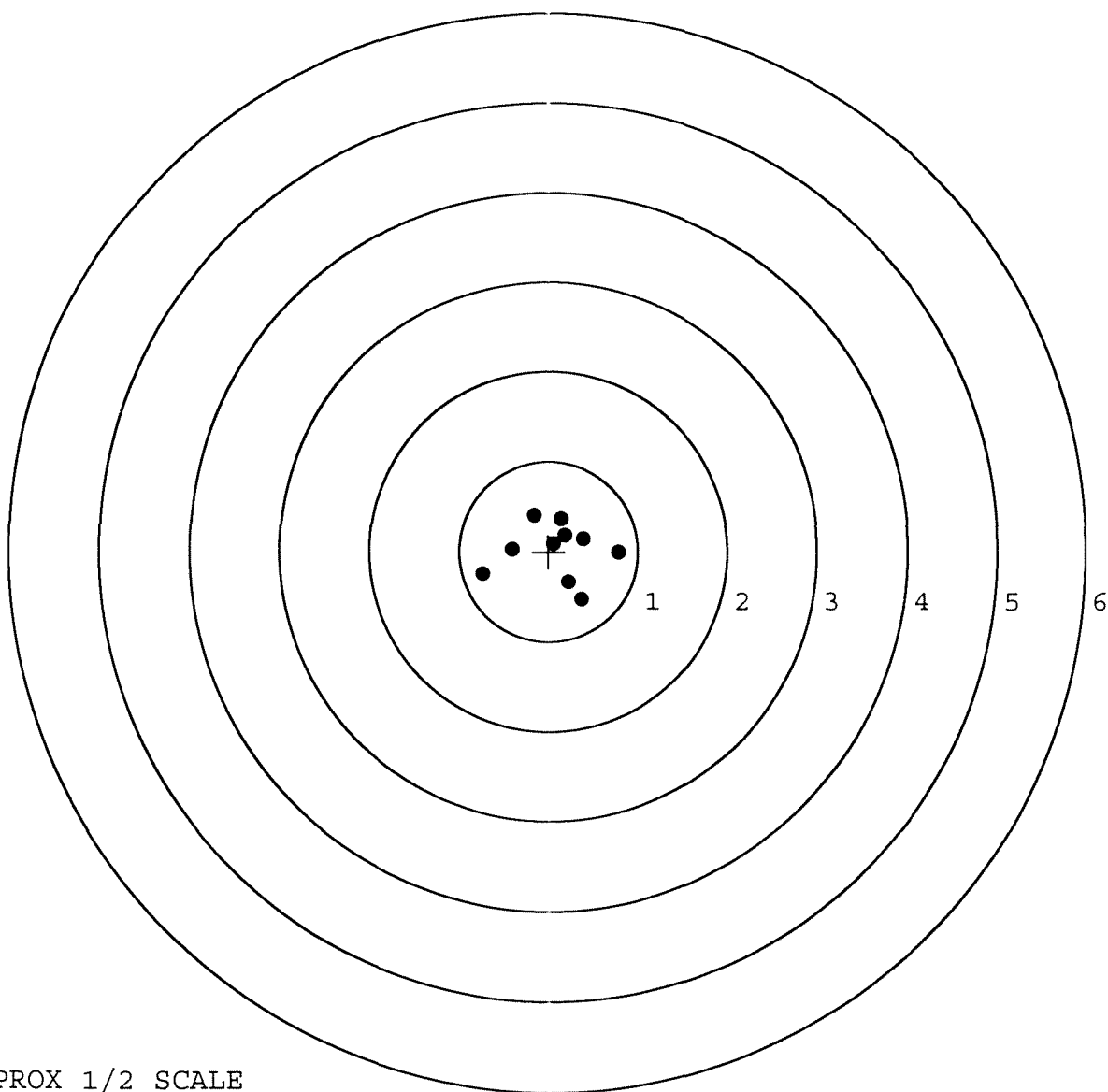
POINT#	X	Y
1:	0.019	0.993
2:	0.600	0.020
3:	-0.049	-0.601
4:	-0.448	-0.387
5:	-0.112	0.334
6:	0.293	-0.066
7:	-0.189	-0.167
8:	-0.088	0.181
9:	0.016	0.067
10:	-0.069	-0.023



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __2
 TARGET NUMBER: 5
 FILE DATE: 08/07/2009
 FILE TIME: 05:43

		POINT#	X	Y
X CENTROID:	0.082	1:	-0.740	-0.252
Y CENTROID:	0.007	2:	-0.407	0.033
POA TO CENTROID:	0.083	3:	-0.173	0.403
HORZ SPREAD:	1.524	4:	0.784	-0.007
VERT SPREAD:	0.943	5:	0.371	-0.540
GROUP SPREAD:	1.544	6:	0.223	-0.345
MIN RADIUS:	0.087	7:	0.391	0.142
MAX RADIUS:	0.862	8:	0.057	0.090
MEAN RADIUS:	0.451	9:	0.136	0.361
# IN 1 IN DIAMETER:	7	10:	0.182	0.186
# IN 2 IN DIAMETER:	10			
# in 3 IN DIAMETER:	10			



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00141240

Serial: C6594591 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/20/1991

Repairman:

Verify Repair

Status:

Closed 2/5/2008 6:28:29 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ISD ARMSROOM

ISD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

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	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/7/2008

4:19 PM

NUM

Serial
Number:

C6594591

Model: M24 SWS



RE00141240

27. SAMS-2 UIC/SAMS-I/TDA				28. ORIGINATOR CODE				29. MESR				30. SUPPORT UNIT				31. SUPPORT UNIT NAME															
SECTION III - EQUIPMENT DATA																															
5. TYPE MNT REQ CODE				6. ID				7. NSN 1003012402136				15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751																			
8. MODEL M24 Sniper Weapon System				9. NOUN				10a. ORG WON/DOC NO				10b. EIC				15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751				16. MILES/KILOMETERS/HOURS/ROUNDS M K H R											
11. SERIAL NUMBER 4457459				12. QTY				13. PD				17. PROJECT CODE (if assigned)				18. ACCOUNT PROCESSING CODE				19. IN WARRANTY? (enter Y or N)				20. ADMIN NO							
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) F								21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)								22. LEVEL OF WORK								23. SIGNATURE							
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Failure to load more than two cartridges in magazine at one time																															
25. REMARKS																															

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

Block 1a. Enter UIC of submitting organization.
Block 1b. Enter name of submitting organization.
Block 1c. Enter number to be called when maint. is completed.
Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit.
Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.
Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.

SECTION II

Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.

SECTION III

Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.
Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.
Block 7. Enter the NSN or stock number of the item being submitted.
Block 8. Enter model of item being submitted.
Block 9. Enter noun/nomenclature of item being submitted.
Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.
Block 10b. Enter End Item Code. See AMDF.
Block 11. Enter serial number of item being submitted.

SECTION III (Cont'd)

Block 12. Enter the quantity of items being submitted.
Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.
Block 14. For DSU, GSU/AVIM, DEPOT use.
Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.
Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.
Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.
Block 17. Enter the project code if one has been assigned. If not, leave blank.
Block 18. See DA Pamphlets 738-750 and 738-751.
Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.
Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.
Block 21. For DSU/GSU/AVIM/Depot use.
Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.
Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.
Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.
Block 25. Self-explanatory.

34a. SUBMITTED BY		35a. ACCEPTED BY		35c. DATE	
34b. DATE		35b. STATUS		35d. TIME	

Block 34a. Enter first initial and last name of submitter.
Block 34b. Enter ordinal date submitted (YYDDD).
Block 35a. Enter first initial and last name of person accepting maint. request.
Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.
Block 35c. Enter ordinal date accepted (YYDDD).
Block 35d. Enter military time.

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE	6. ID	7. NSN 1003012402136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751		
8. MODEL M24 Sniper Weapon System			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751	16. MILES/KILOMETERS/HOURS/ROUNDS M K	
9. NOUN				H R	
10a. ORG WON/DOC NO			10b. EIC		
11. SERIAL NUMBER 065945191	12. QTY	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)
14. MALFUNCTION DESCRIPTION (for DSU, GSUI/AVIM, DEPOT use)			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		
			22. LEVEL OF WORK	23. SIGNATURE	

24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Failure to load more than two cartridges in magazine at one time

25. REMARKS

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	35a. ACCEPTED BY	35c. DATE	36a. WORK STARTED BY	37a. INSPECTED BY	38a. PICKED UP BY						
34b. DATE	35b. STATUS	35d. TIME	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: C6594591.__1
FILE DATE AND TIME: 02/26/2008 08:55

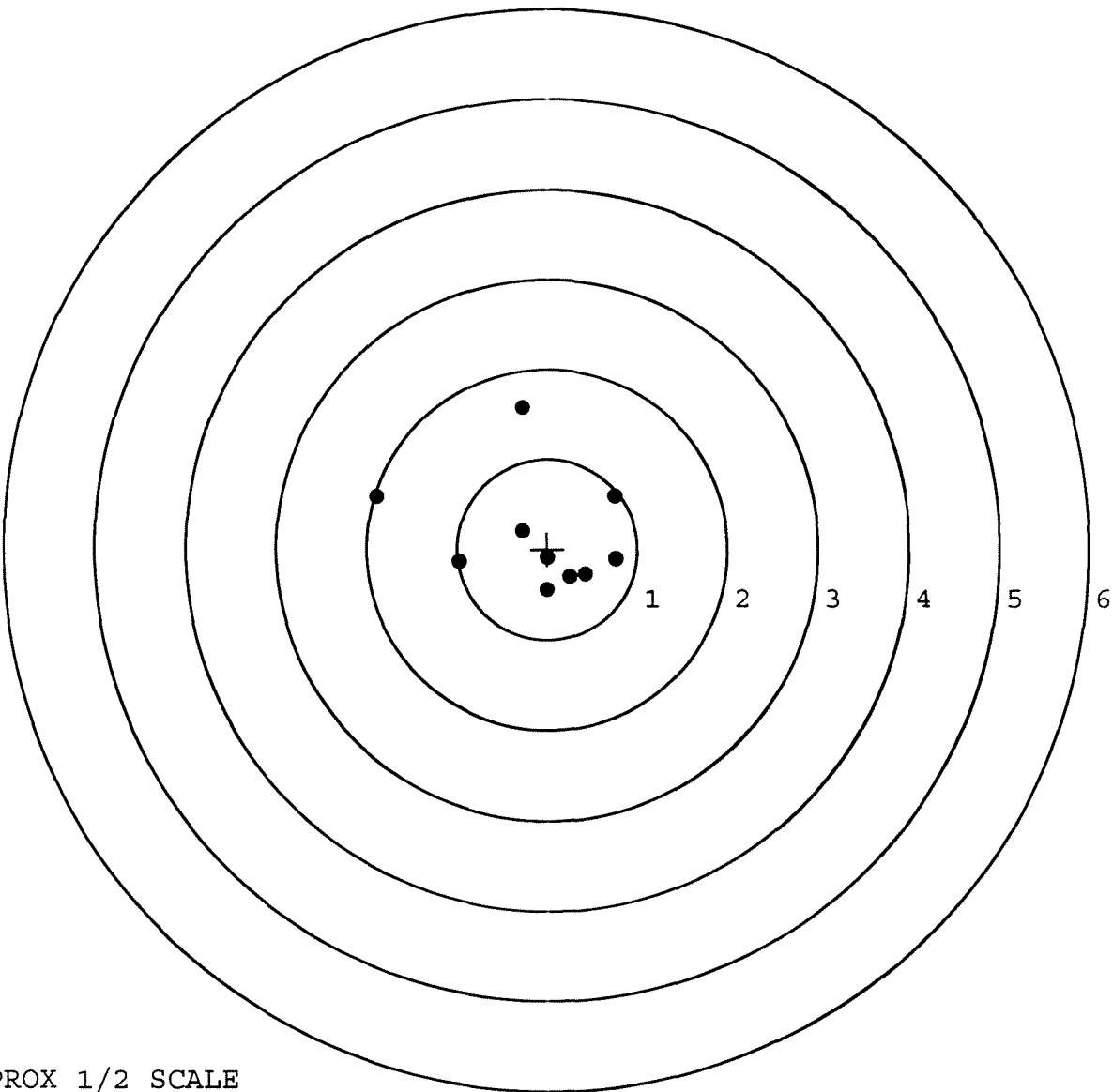
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.106
The Average Y Centroid of the Five Target Set:	0.088
The Average Point of Impact of the Five Target Set:	0.138
The Average Mean Radius of the Five Target Set:	0.670
The Distance from POA to Centroid Target #1:	0.200
The Distance from Centroid Target #2 to Centroid Target #1:	0.023
The Distance from Centroid Target #3 to Centroid Target #1:	0.050
The Distance from Centroid Target #4 to Centroid Target #1:	0.060
The Distance from Centroid Target #5 to Centroid Target #1:	0.363

SERIAL NUMBER: C6594591. __1
TARGET NUMBER: 1
FILE DATE: 02/26/2008
FILE TIME: 08:55

POINT#	X	Y
1:	-0.281	1.573
2:	-1.890	0.583
3:	-0.979	-0.142
4:	-0.274	0.201
5:	0.752	0.587
6:	0.763	-0.110
7:	0.424	-0.276
8:	-0.012	-0.454
9:	-0.006	-0.098
10:	0.249	-0.301

X CENTROID: -0.125
Y CENTROID: 0.156
POA TO CENTROID: 0.200
HORZ SPREAD: 2.653
VERT SPREAD: 2.027
GROUP SPREAD: 2.742
MIN RADIUS: 0.155
MAX RADIUS: 1.815
MEAN RADIUS: 0.840
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

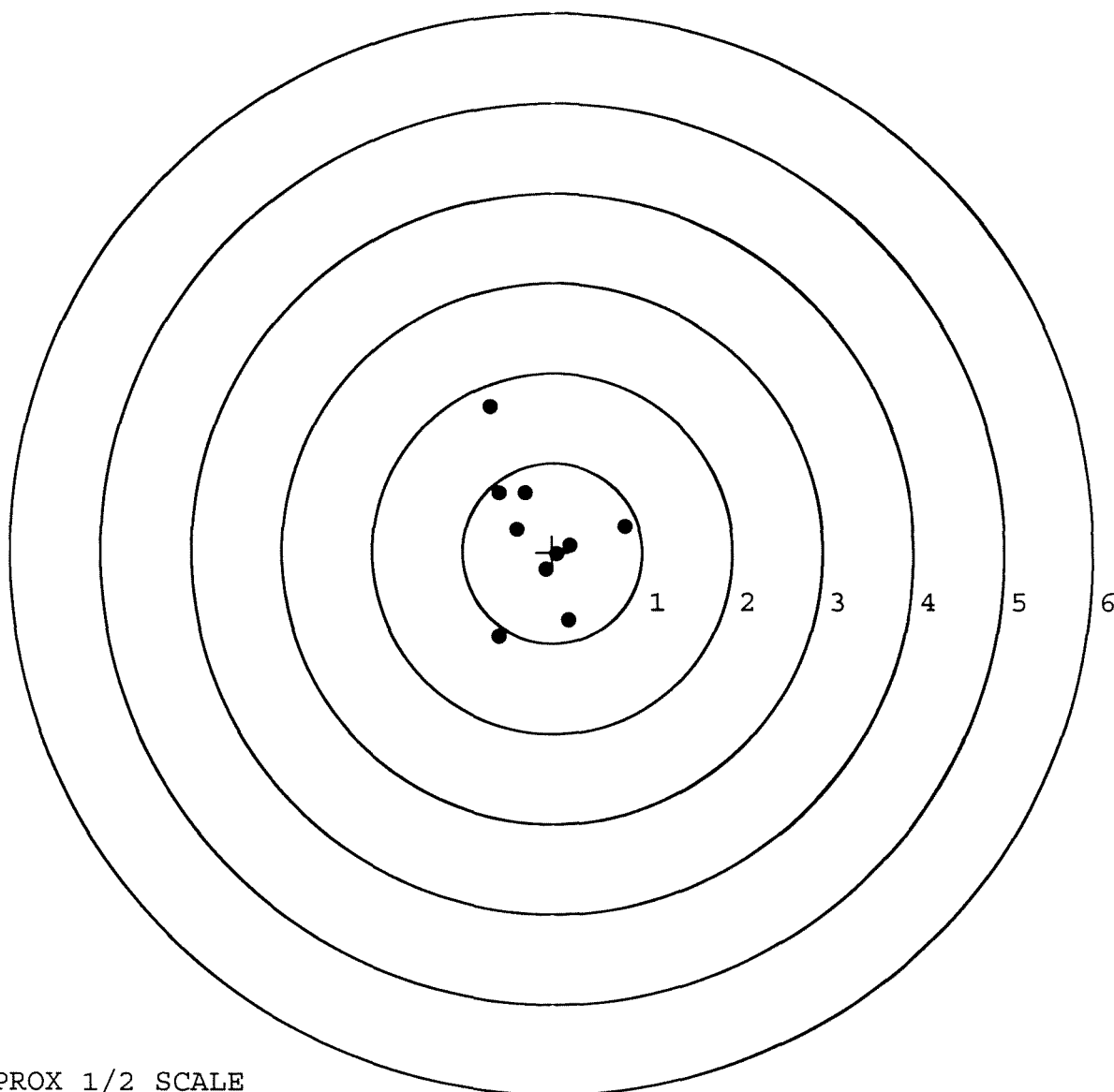


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __1
TARGET NUMBER: 2
FILE DATE: 02/26/2008
FILE TIME: 08:55

POINT#	X	Y
1:	-0.595	-0.929
2:	0.177	-0.758
3:	0.802	0.288
4:	-0.698	1.624
5:	-0.599	0.666
6:	-0.399	0.257
7:	-0.076	-0.194
8:	0.199	0.075
9:	0.049	-0.022
10:	-0.312	0.663

X CENTROID: -0.145
Y CENTROID: 0.167
POA TO CENTROID: 0.221
HORZ SPREAD: 1.500
VERT SPREAD: 2.553
GROUP SPREAD: 2.555
MIN RADIUS: 0.269
MAX RADIUS: 1.558
MEAN RADIUS: 0.714
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

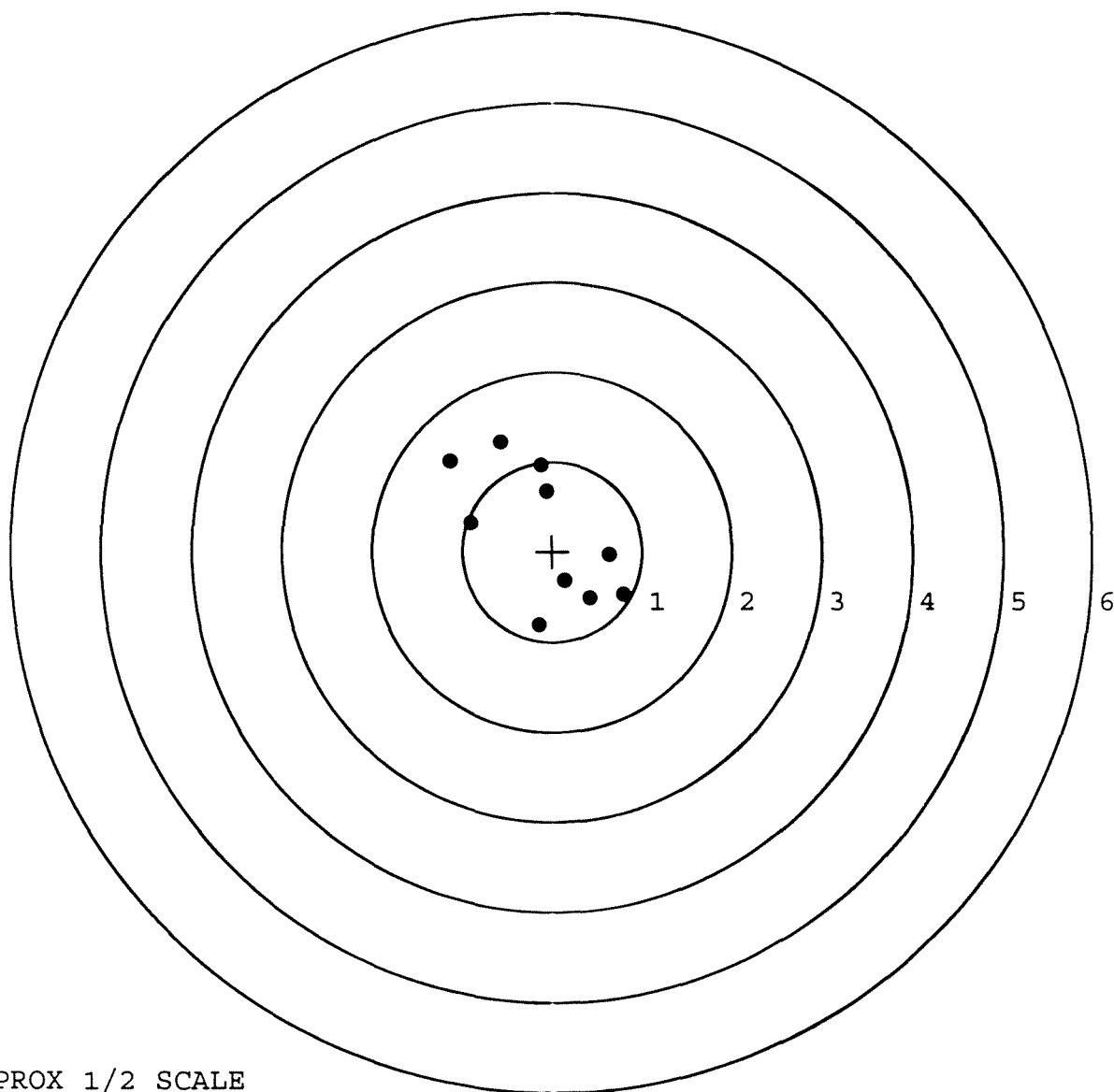


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __1
TARGET NUMBER: 3
FILE DATE: 02/26/2008
FILE TIME: 08:55

X CENTROID: -0.099
Y CENTROID: 0.199
POA TO CENTROID: 0.223
HORZ SPREAD: 1.923
VERT SPREAD: 2.041
GROUP SPREAD: 2.428
MIN RADIUS: 0.471
MAX RADIUS: 1.310
MEAN RADIUS: 0.886
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.154	-0.819
2:	0.140	-0.329
3:	0.418	-0.514
4:	0.789	-0.479
5:	0.634	-0.040
6:	-0.073	0.670
7:	-0.127	0.961
8:	-0.579	1.222
9:	-1.134	1.003
10:	-0.908	0.319



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __1

TARGET NUMBER: 4

FILE DATE: 02/26/2008

FILE TIME: 08:55

POINT#	X	Y
1:	-0.605	0.759
2:	-0.282	0.358
3:	0.091	0.353
4:	0.394	0.184
5:	-0.054	-0.634
6:	-0.026	-0.256
7:	-0.091	-0.050
8:	-0.331	0.298
9:	0.168	0.010
10:	-0.027	0.188

X CENTROID: -0.076

Y CENTROID: 0.121

POA TO CENTROID: 0.143

HORZ SPREAD: 0.999

VERT SPREAD: 1.393

GROUP SPREAD: 1.498

MIN RADIUS: 0.083

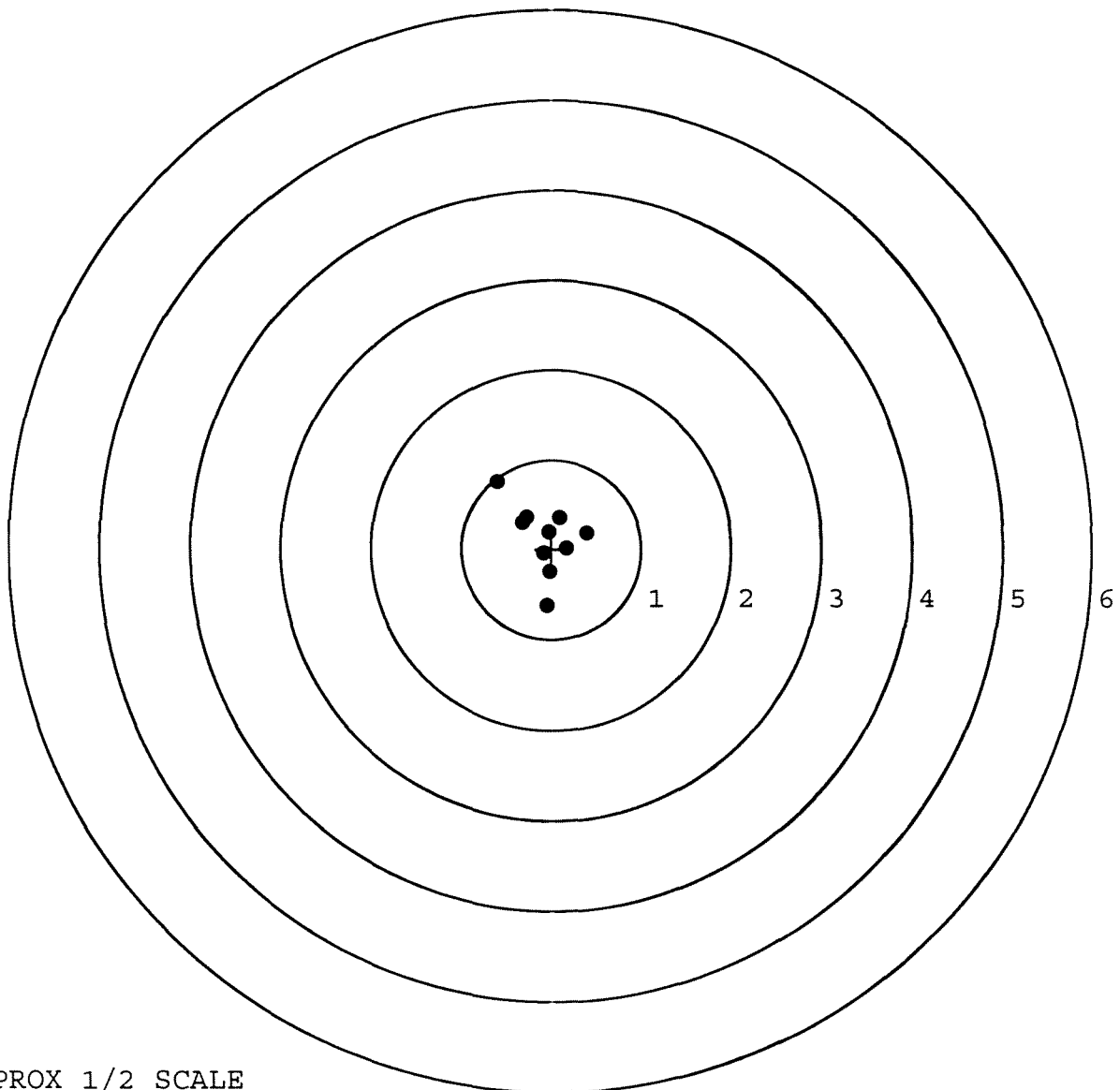
MAX RADIUS: 0.829

MEAN RADIUS: 0.387

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

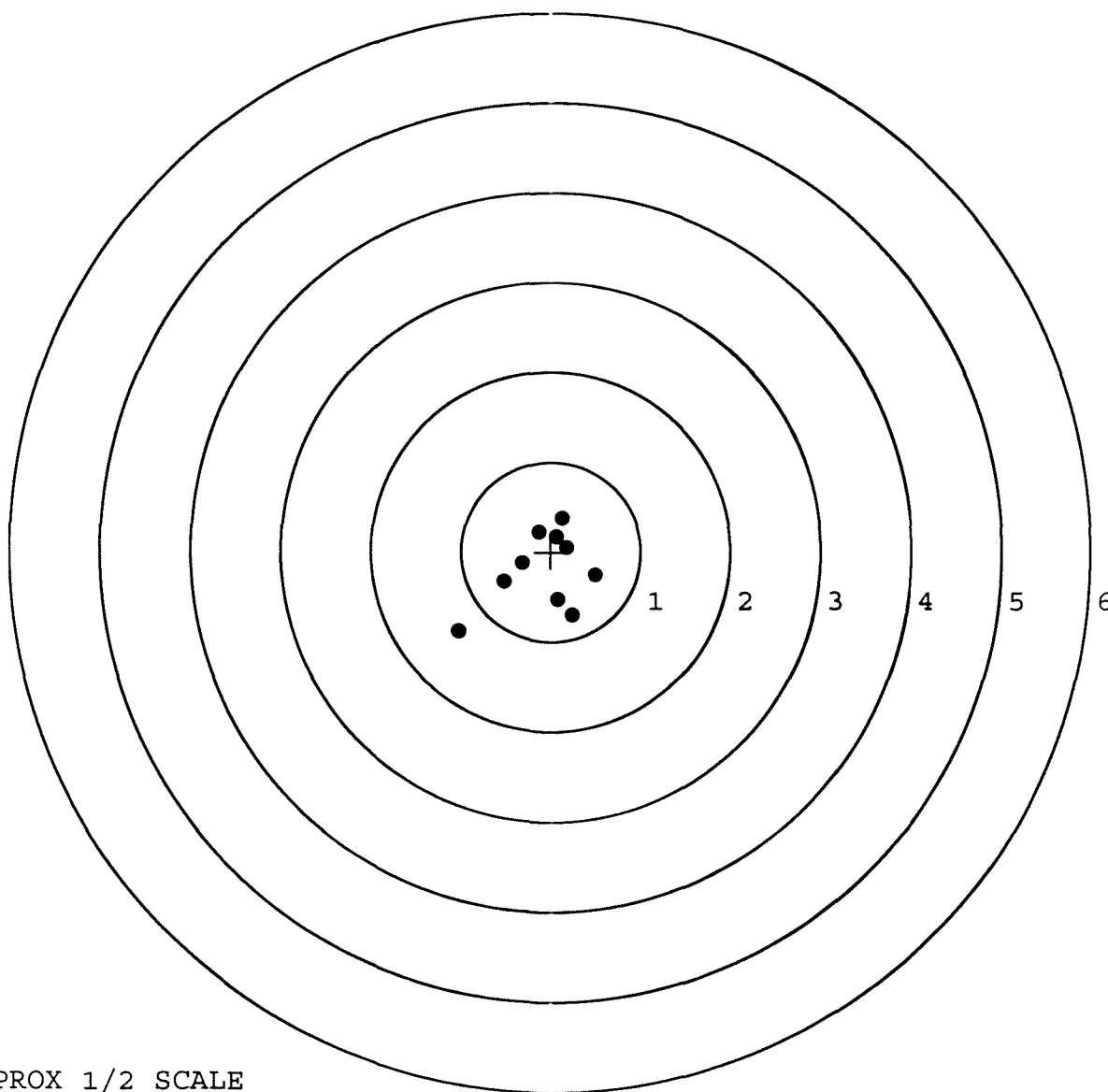


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __1
TARGET NUMBER: 5
FILE DATE: 02/26/2008
FILE TIME: 08:55

X CENTROID: -0.084
Y CENTROID: -0.205
POA TO CENTROID: 0.221
HORZ SPREAD: 1.528
VERT SPREAD: 1.267
GROUP SPREAD: 1.714
MIN RADIUS: 0.252
MAX RADIUS: 1.168
MEAN RADIUS: 0.524
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.029	-0.891
2:	-0.525	-0.335
3:	0.236	-0.711
4:	0.076	-0.535
5:	0.499	-0.263
6:	0.177	0.047
7:	0.126	0.376
8:	-0.137	0.222
9:	-0.324	-0.127
10:	0.062	0.171



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		00141240	
SERIAL NUMBER		C6594591	
LOG-IN DATE		2-5-08	

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-11-08	L.P.D.
505	RE-BARREL	2-11-08	L.P.D.
560	ASSEMBLE	2-12-08	L.P.D.
600	PROOF	2-12-08	TRW
605	CHECK HEADSPACE	2-12-08	TRW
610	DIS-ASSEMBLE GUN	2-12-08	L.P.D.
612	MAGNAFLUX	2-13-08	unus
510	DRILL AND TAP	2-12-08	TRW
615	ROLLMARK CALIBER	2-12-08	CW
618	ROTO-BLAST	2-14-08	DG
620	APPLY COATINGS	2-19-08	CM
625	FINAL ASSEMBLY	2-21-08	RTZ
640	FUNCTION TEST AND	2-21-08	TRW
650	TARGET	2-21-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-21-08	RP
	A) HEADSPACE	2-21-08	DA
	B) TRIGGER PULL	2-21-08	DA
	F) SAFETY ON FORCE	2-21-08	DA
	G) SAFETY OFF FORCE	2-21-08	DA
	I) FIRING PIN INDENT	2-21-08	DA
690	PACK	2-22-08	DA

MAGNA - FLUX
 FEB 13 2008
 OPERATOR unus

N/A

+/- .5 LBS
 MIN 2.50 LBS
 MAX 4.0 LBS

2 LBS MIN
 10 LBS MAX

2 LBS
 MIN

.020

Repair Inquiry

Repair Number: RE00127019

Serial: C6594591 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

Closed 3/21/2007 5:11:01 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ISSD ARMS ROOM

ISSD ARMS ROOM

Address 1: 8TH AND DESERT STORM

8TH AND DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country:

State: KY

Zip Code: 42223

Country:

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
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

3/21/2007

7:32 AM

CAPS

NUM

INS

SCRL



7:32 AM

Serial Number: C6594591

Model: M24 SWS



RE00127019

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594591.___0
FILE DATE AND TIME: 04/12/2007 23:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.085
The Average Y Centroid of the Five Target Set:	0.061
The Average Point of Impact of the Five Target Set:	0.105
The Average Mean Radius of the Five Target Set:	0.798
The Distance from POA to Centroid Target #1:	0.068
The Distance from Centroid Target #2 to Centroid Target #1:	0.105
The Distance from Centroid Target #3 to Centroid Target #1:	0.148
The Distance from Centroid Target #4 to Centroid Target #1:	0.368
The Distance from Centroid Target #5 to Centroid Target #1:	0.171

SERIAL NUMBER: C6594591. __0

TARGET NUMBER: 1

FILE DATE: 04/12/2007

FILE TIME: 23:55

POINT#	X	Y
1:	-0.885	0.914
2:	-0.518	0.281
3:	-0.391	0.519
4:	0.292	0.828
5:	0.011	0.401
6:	0.386	0.720
7:	0.558	0.207
8:	1.143	-1.291
9:	0.546	-1.118
10:	-0.778	-0.892

X CENTROID: 0.036

Y CENTROID: 0.057

POA TO CENTROID: 0.068

HORZ SPREAD: 2.028

VERT SPREAD: 2.205

GROUP SPREAD: 2.996

MIN RADIUS: 0.345

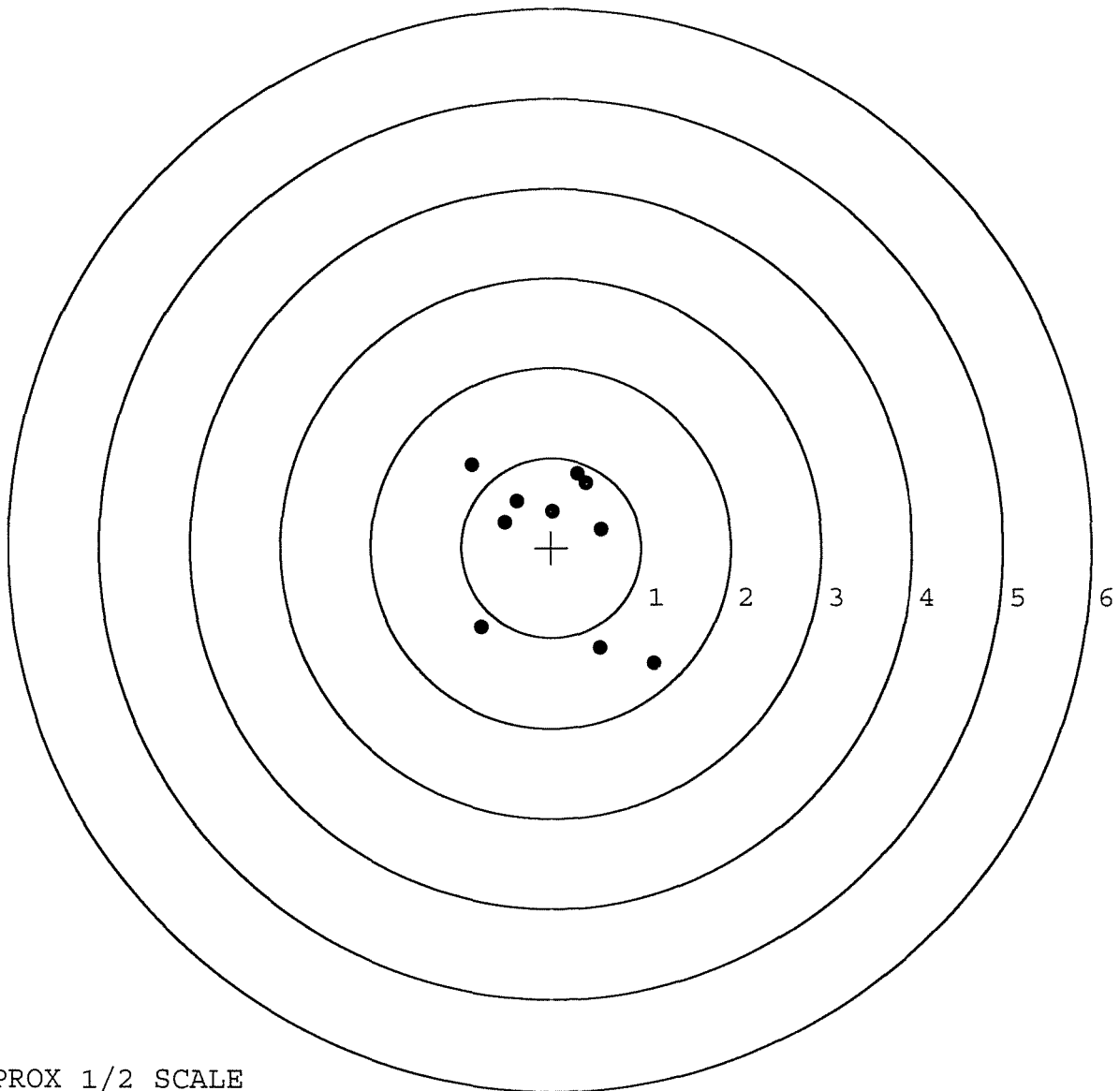
MAX RADIUS: 1.744

MEAN RADIUS: 0.921

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __0

TARGET NUMBER: 2

FILE DATE: 04/12/2007

FILE TIME: 23:55

X CENTROID: 0.141

Y CENTROID: 0.049

POA TO CENTROID: 0.149

HORZ SPREAD: 1.842

VERT SPREAD: 2.295

GROUP SPREAD: 2.666

MIN RADIUS: 0.173

MAX RADIUS: 1.726

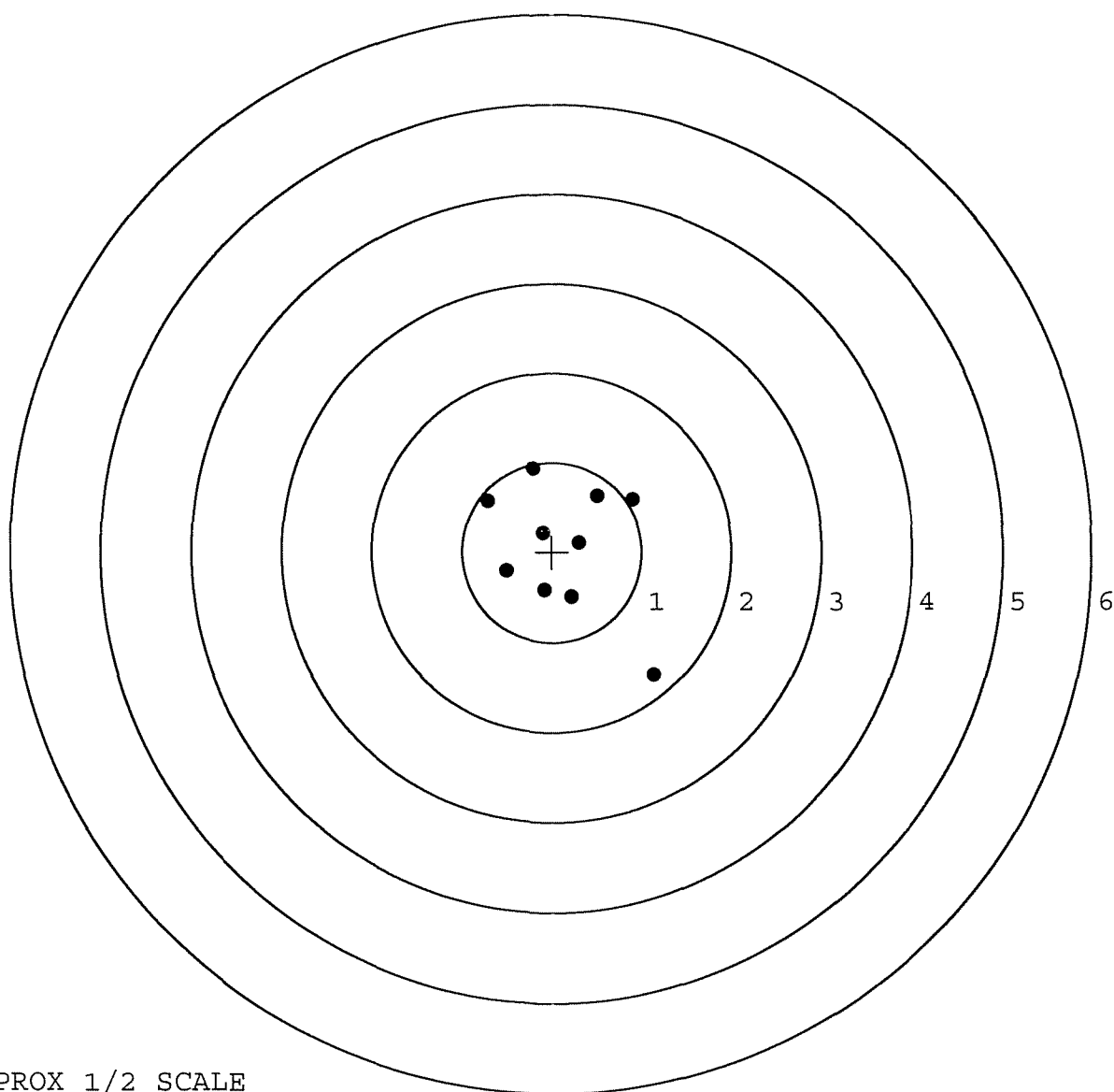
MEAN RADIUS: 0.754

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.714	0.560
2:	-0.217	0.928
3:	0.504	0.622
4:	0.894	0.585
5:	1.128	-1.367
6:	0.306	0.102
7:	-0.106	0.209
8:	0.214	-0.506
9:	-0.089	-0.433
10:	-0.509	-0.214



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __0

TARGET NUMBER: 3

FILE DATE: 04/12/2007

FILE TIME: 23:55

X CENTROID: -0.110

Y CENTROID: 0.078

POA TO CENTROID: 0.135

HORZ SPREAD: 1.644

VERT SPREAD: 2.485

GROUP SPREAD: 2.657

MIN RADIUS: 0.188

MAX RADIUS: 1.441

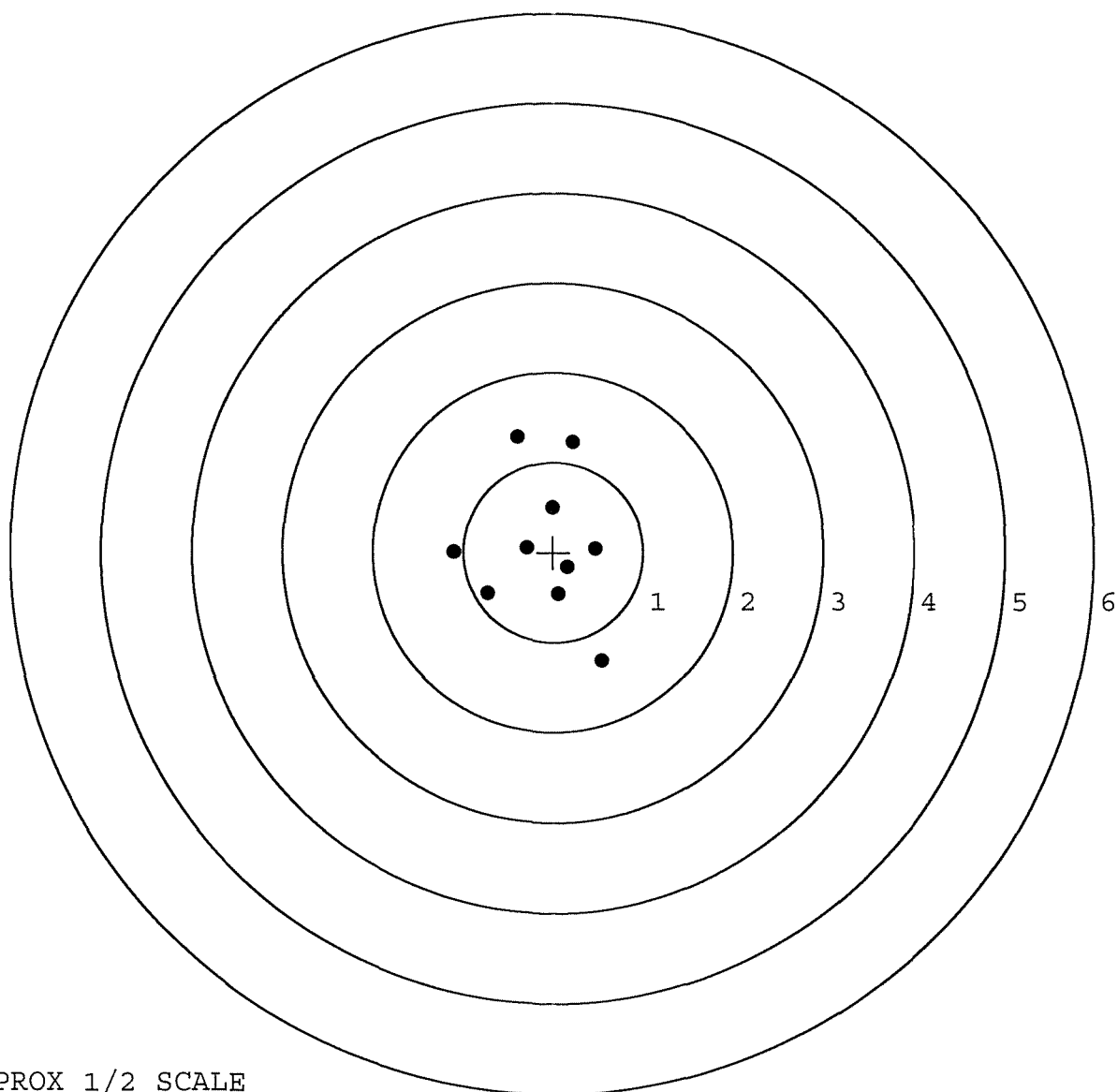
MEAN RADIUS: 0.782

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.403	1.276
2:	0.217	1.222
3:	-0.015	0.498
4:	-0.296	0.048
5:	0.473	0.042
6:	0.159	-0.167
7:	0.059	-0.469
8:	0.538	-1.209
9:	-0.728	-0.464
10:	-1.106	0.005



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __0

TARGET NUMBER: 4

FILE DATE: 04/12/2007

FILE TIME: 23:55

X CENTROID: 0.360

Y CENTROID: 0.232

POA TO CENTROID: 0.428

HORZ SPREAD: 2.136

VERT SPREAD: 2.018

GROUP SPREAD: 2.150

MIN RADIUS: 0.088

MAX RADIUS: 1.325

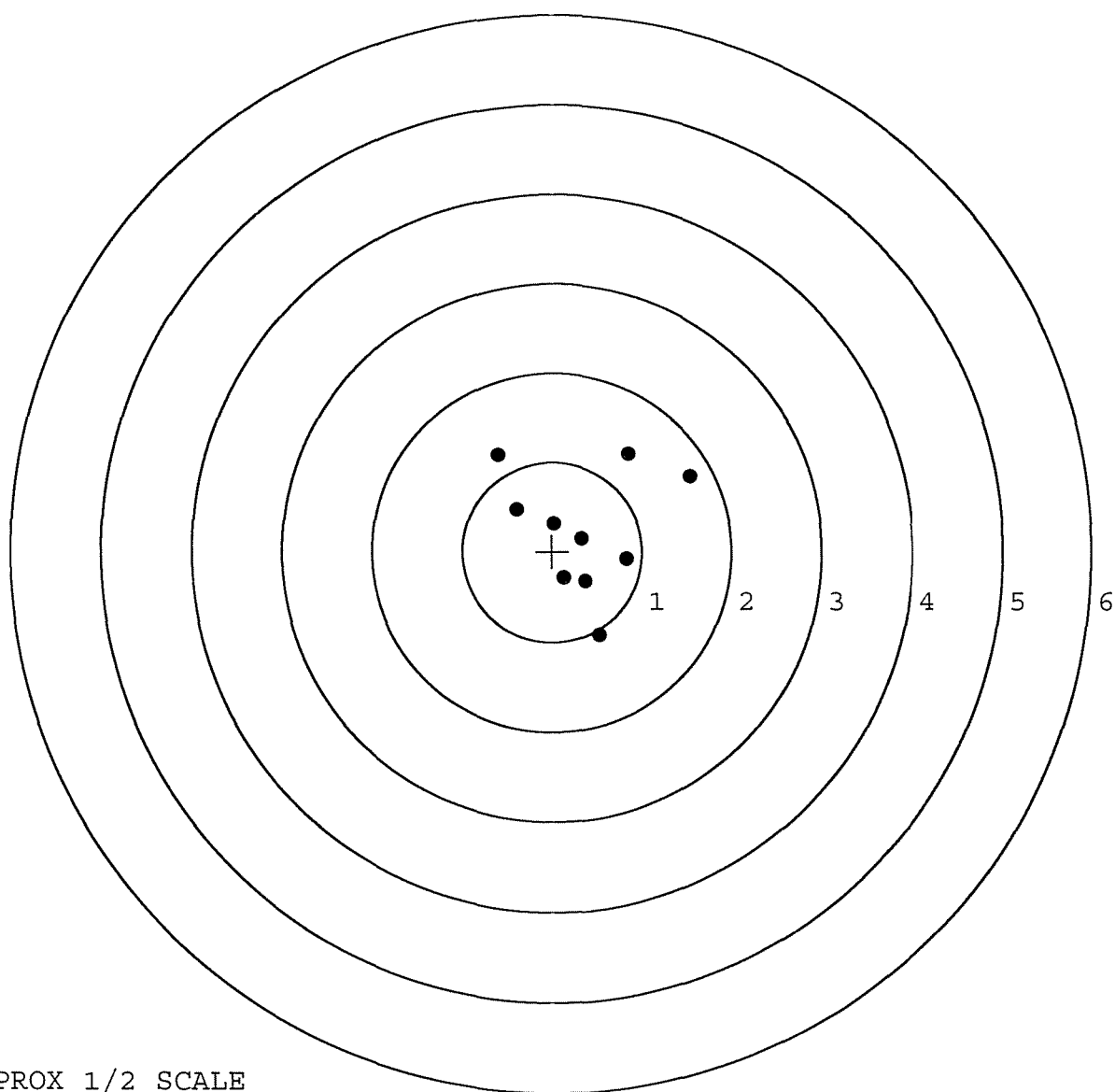
MEAN RADIUS: 0.770

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.403	0.467
2:	0.022	0.313
3:	-0.600	1.084
4:	0.852	1.094
5:	1.536	0.841
6:	0.827	-0.080
7:	0.371	-0.332
8:	0.131	-0.295
9:	0.331	0.148
10:	0.533	-0.924



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591.___0

TARGET NUMBER: 5

FILE DATE: 04/12/2007

FILE TIME: 23:55

X CENTROID: -0.002

Y CENTROID: -0.110

POA TO CENTROID: 0.110

HORZ SPREAD: 1.978

VERT SPREAD: 1.637

GROUP SPREAD: 2.124

MIN RADIUS: 0.251

MAX RADIUS: 1.174

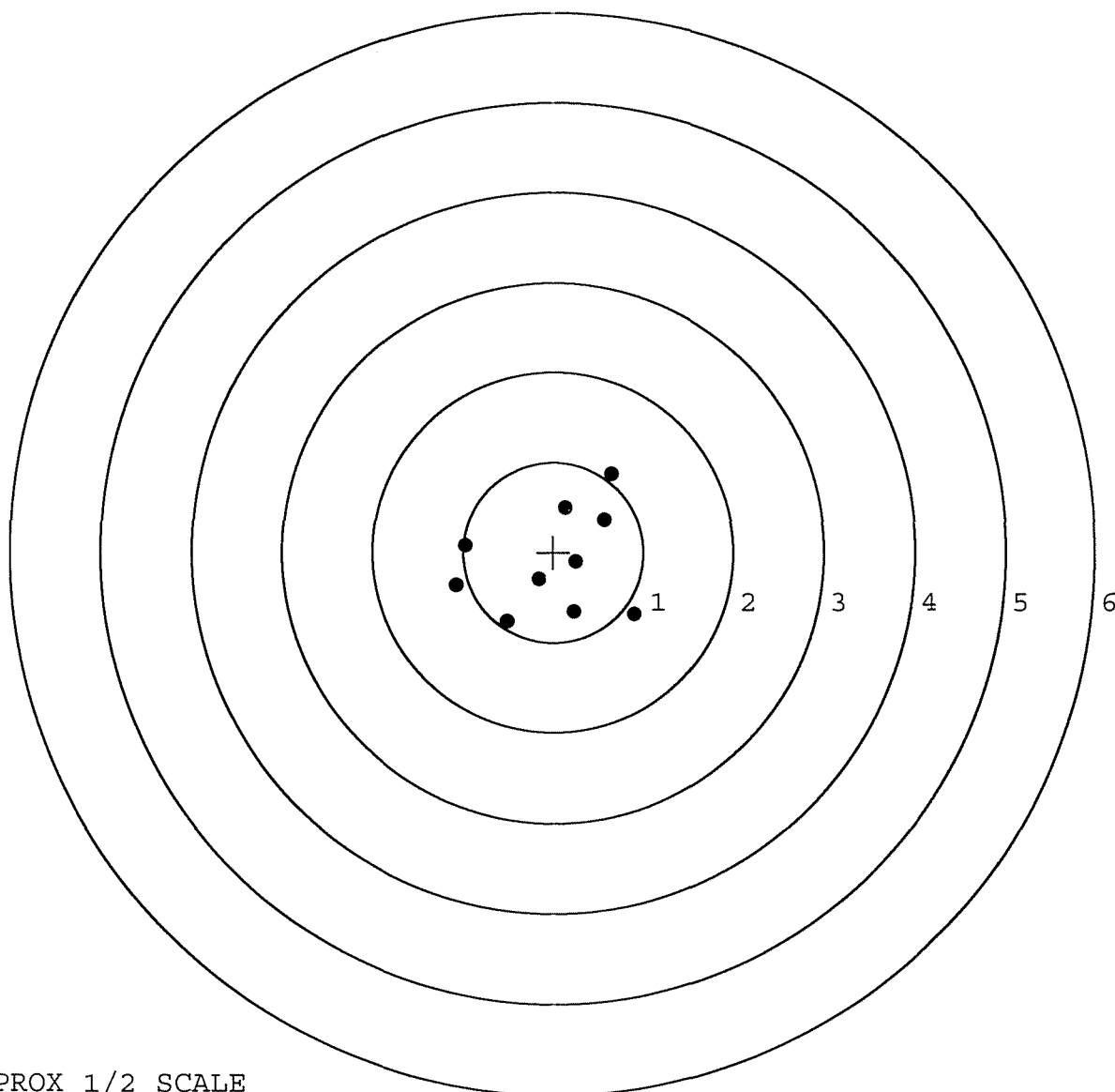
MEAN RADIUS: 0.765

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.131	0.498
2:	0.562	0.362
3:	0.649	0.868
4:	0.249	-0.109
5:	-0.165	-0.304
6:	0.231	-0.660
7:	0.899	-0.693
8:	-0.518	-0.769
9:	-1.079	-0.367
10:	-0.979	0.079



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	127019			
SERIAL NUMBER	C6594591			
LOG-IN DATE	3-21-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-2-07	RTZ
505	RE-BARREL		4-3-07	RTZ
560	ASSEMBLE		4-3-07	RTZ
600	PROOF		4-3-07	TRW
605	CHECK HEADSPACE	INSPECTED	4-3-07	TRW
610	DIS-ASSEMBLE GUN	APR 05 2007	4-4-07	RTZ
612	MAGNAFLUX	OPERATOR APD	4-3-07	APD
510	DRILL AND TAP		4-4-07	TRW
615	ROLLMARK CALIBER		4-5-07	CW
618	ROTO-BLAST		4-5-07	LB
620	APPLY COATINGS		4/9/07	BS
625	FINAL ASSEMBLY		4-12-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	4/12/07	non
650	TARGET	(PASS) FAIL	4/12/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		4/19/07	non
	A) HEADSPACE	(PASS) FAIL	4/19/07	non
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	248 2.65 2.71 278 270	4/19/07 non
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.5 7.0 7.0	4/19/07 non
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5	4/19/07 non
	I) FIRING PIN INDENT	.020	.021 .022 .021	4/19/07 non
690	PACK		4-21-07	RA

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: **RE00092463** Serial: C6594591 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/20/1991 Repairman: Status: Closed 2/4/2005 9:37:40 AM

Verify Repair

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
A010	Hard Case	1
A012	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

naglet 2/7/2005 11:27 AM CAPS NUM INS SCPL

start 3 3

Serial Number: **C6594591**

Model: **M24 SWS**



RE00092463

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594591.___0
FILE DATE AND TIME: 05/02/2005 06:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.171
The Average Y Centroid of the Five Target Set:	-0.121
The Average Point of Impact of the Five Target Set:	0.209
The Average Mean Radius of the Five Target Set:	0.934
The Distance from POA to Centroid Target #1:	0.273
The Distance from Centroid Target #2 to Centroid Target #1:	0.113
The Distance from Centroid Target #3 to Centroid Target #1:	0.266
The Distance from Centroid Target #4 to Centroid Target #1:	0.113
The Distance from Centroid Target #5 to Centroid Target #1:	0.167

SERIAL NUMBER: C6594591. __0

TARGET NUMBER: 1

FILE DATE: 05/02/2005

FILE TIME: 06:55

X CENTROID: 0.194

Y CENTROID: -0.192

POA TO CENTROID: 0.273

HORZ SPREAD: 3.525

VERT SPREAD: 3.406

GROUP SPREAD: 4.682

MIN RADIUS: 0.212

MAX RADIUS: 2.855

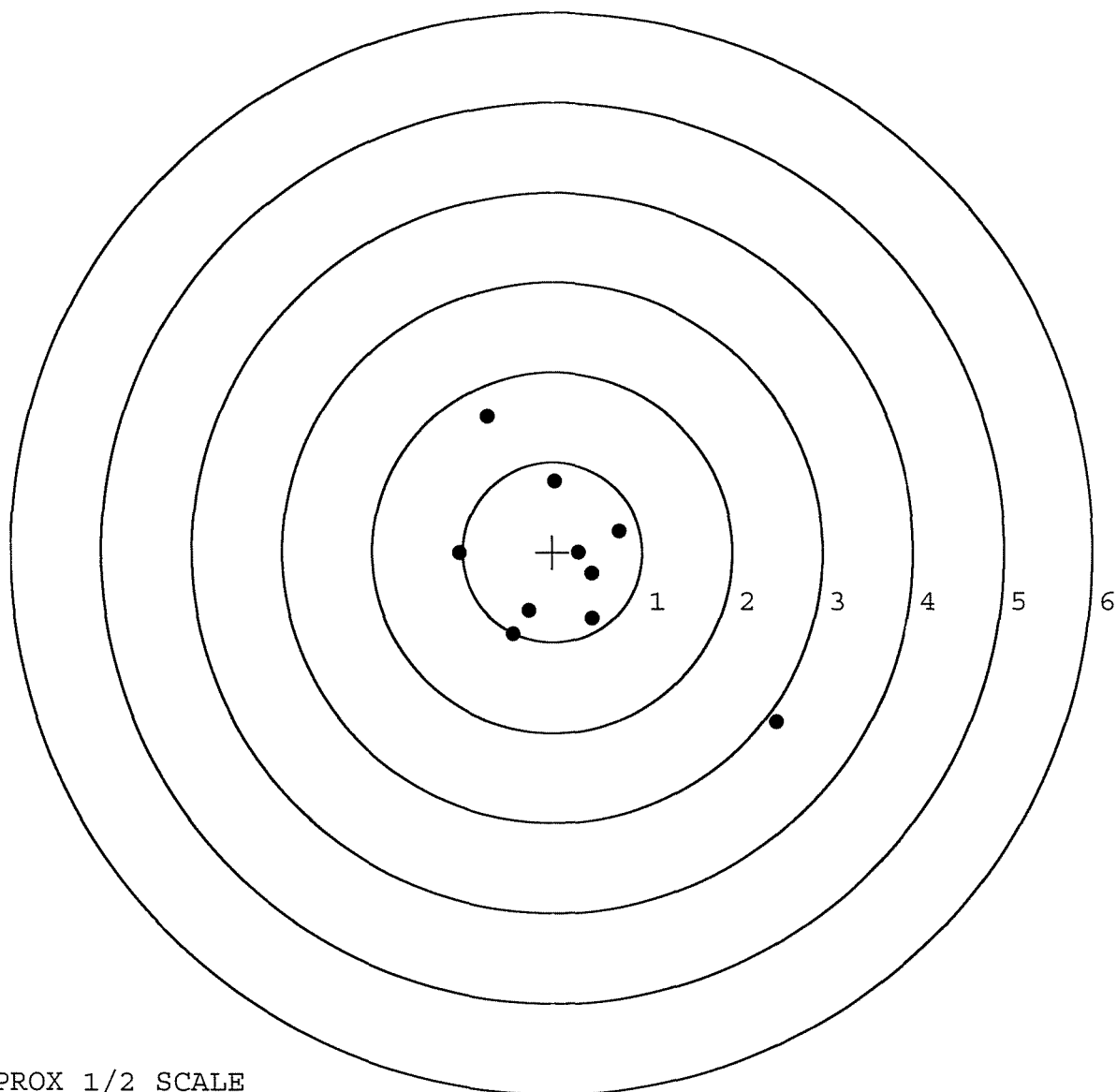
MEAN RADIUS: 1.040

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.440	-0.735
2:	0.436	-0.237
3:	0.292	-0.004
4:	0.745	0.238
5:	-0.271	-0.655
6:	-0.441	-0.915
7:	-1.038	-0.015
8:	0.020	0.785
9:	-0.726	1.513
10:	2.487	-1.893



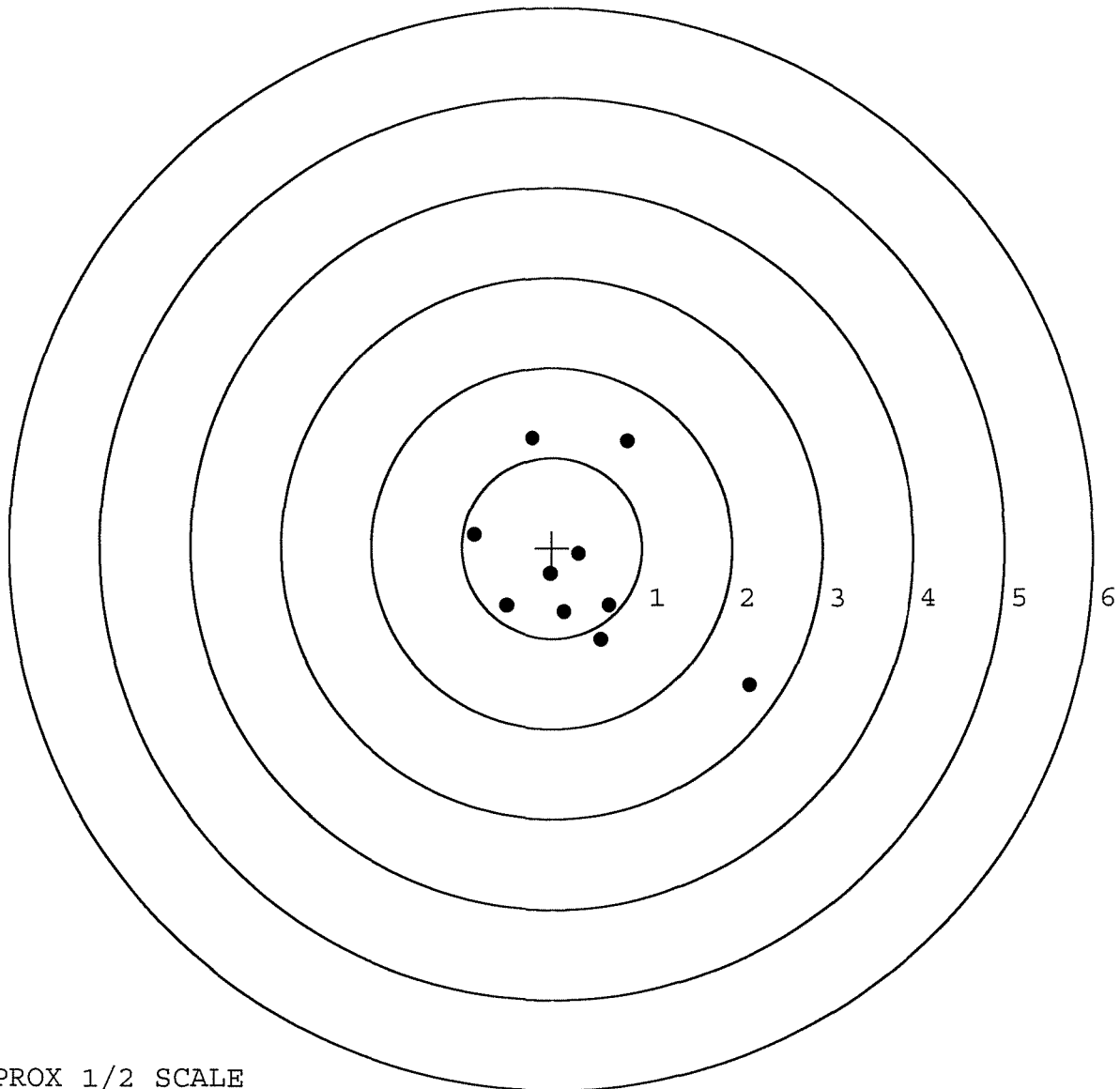
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __0
 TARGET NUMBER: 2
 FILE DATE: 05/02/2005
 FILE TIME: 06:55

X CENTROID: 0.299
 Y CENTROID: -0.235
 POA TO CENTROID: 0.380
 HORZ SPREAD: 3.050
 VERT SPREAD: 2.740
 GROUP SPREAD: 3.652
 MIN RADIUS: 0.163
 MAX RADIUS: 2.288
 MEAN RADIUS: 0.981

IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	2.189	-1.525
2:	0.835	1.185
3:	-0.225	1.215
4:	0.299	-0.072
5:	-0.861	0.142
6:	-0.025	-0.287
7:	-0.512	-0.643
8:	0.128	-0.709
9:	0.629	-0.639
10:	0.537	-1.014

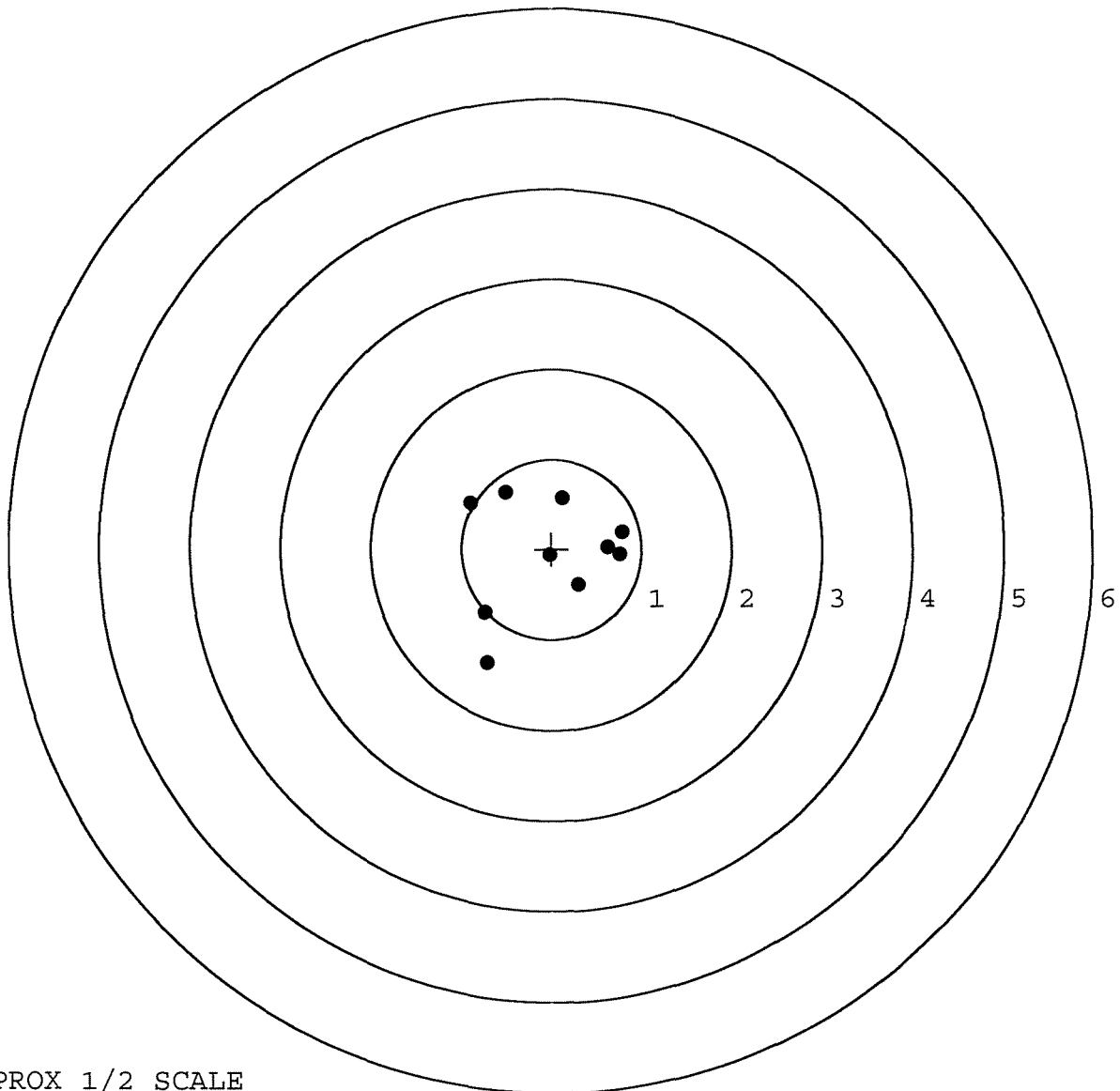


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __0
TARGET NUMBER: 3
FILE DATE: 05/02/2005
FILE TIME: 06:55

POINT#	X	Y
1:	0.757	-0.055
2:	0.783	0.195
3:	0.624	0.029
4:	0.294	-0.397
5:	-0.022	-0.068
6:	0.114	0.569
7:	-0.518	0.635
8:	-0.901	0.515
9:	-0.746	-0.703
10:	-0.718	-1.257

X CENTROID: -0.033
Y CENTROID: -0.054
POA TO CENTROID: 0.063
HORZ SPREAD: 1.684
VERT SPREAD: 1.892
GROUP SPREAD: 2.088
MIN RADIUS: 0.018
MAX RADIUS: 1.384
MEAN RADIUS: 0.767
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

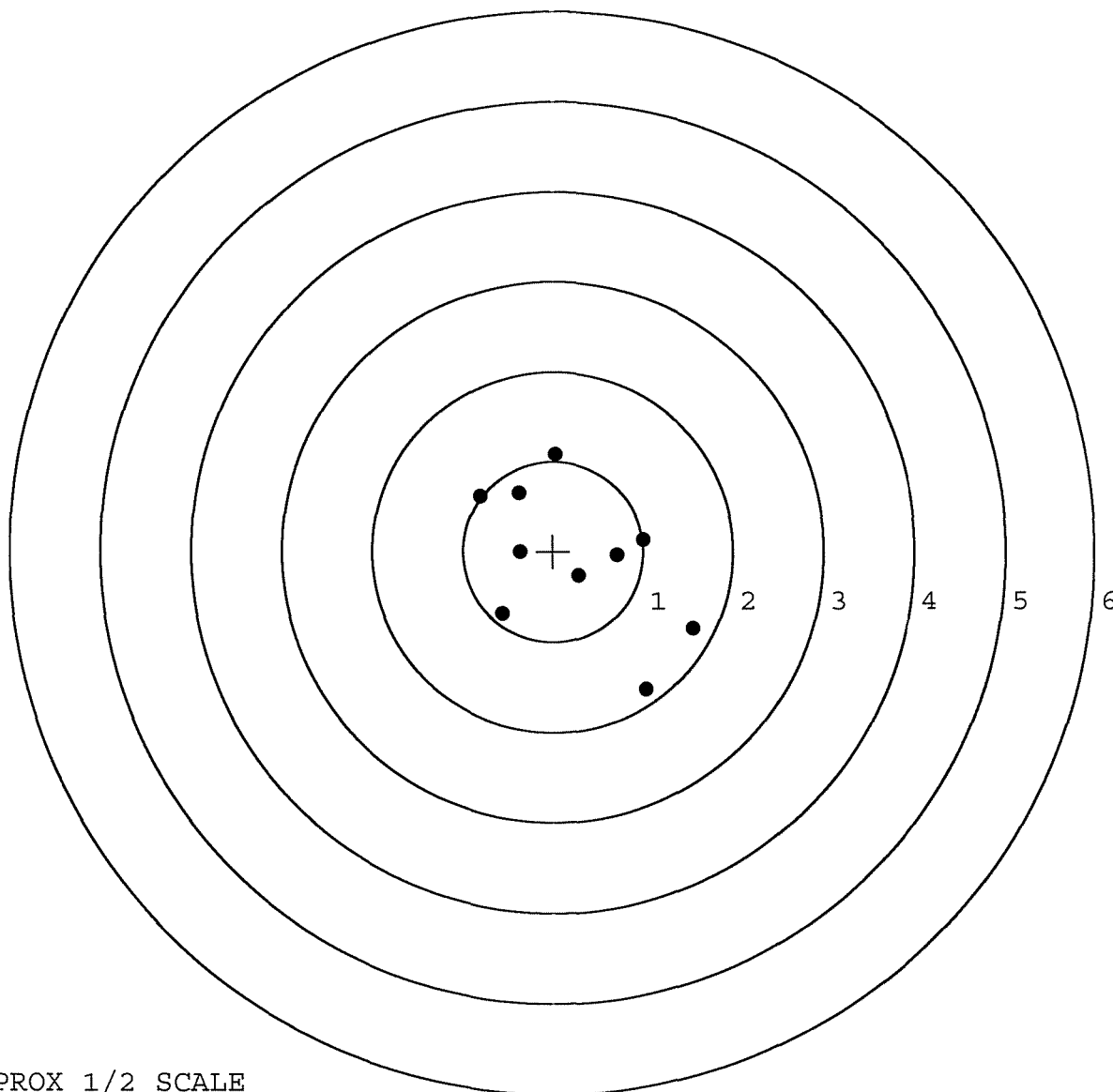


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __0
 TARGET NUMBER: 4
 FILE DATE: 05/02/2005
 FILE TIME: 06:55

X CENTROID: 0.247
 Y CENTROID: -0.092
 POA TO CENTROID: 0.264
 HORZ SPREAD: 2.370
 VERT SPREAD: 2.612
 GROUP SPREAD: 2.832
 MIN RADIUS: 0.179
 MAX RADIUS: 1.640
 MEAN RADIUS: 0.967
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.560	-0.857
2:	1.031	-1.533
3:	1.003	0.129
4:	0.708	-0.042
5:	0.283	-0.268
6:	-0.373	-0.012
7:	-0.569	-0.688
8:	0.027	1.079
9:	-0.385	0.649
10:	-0.810	0.619

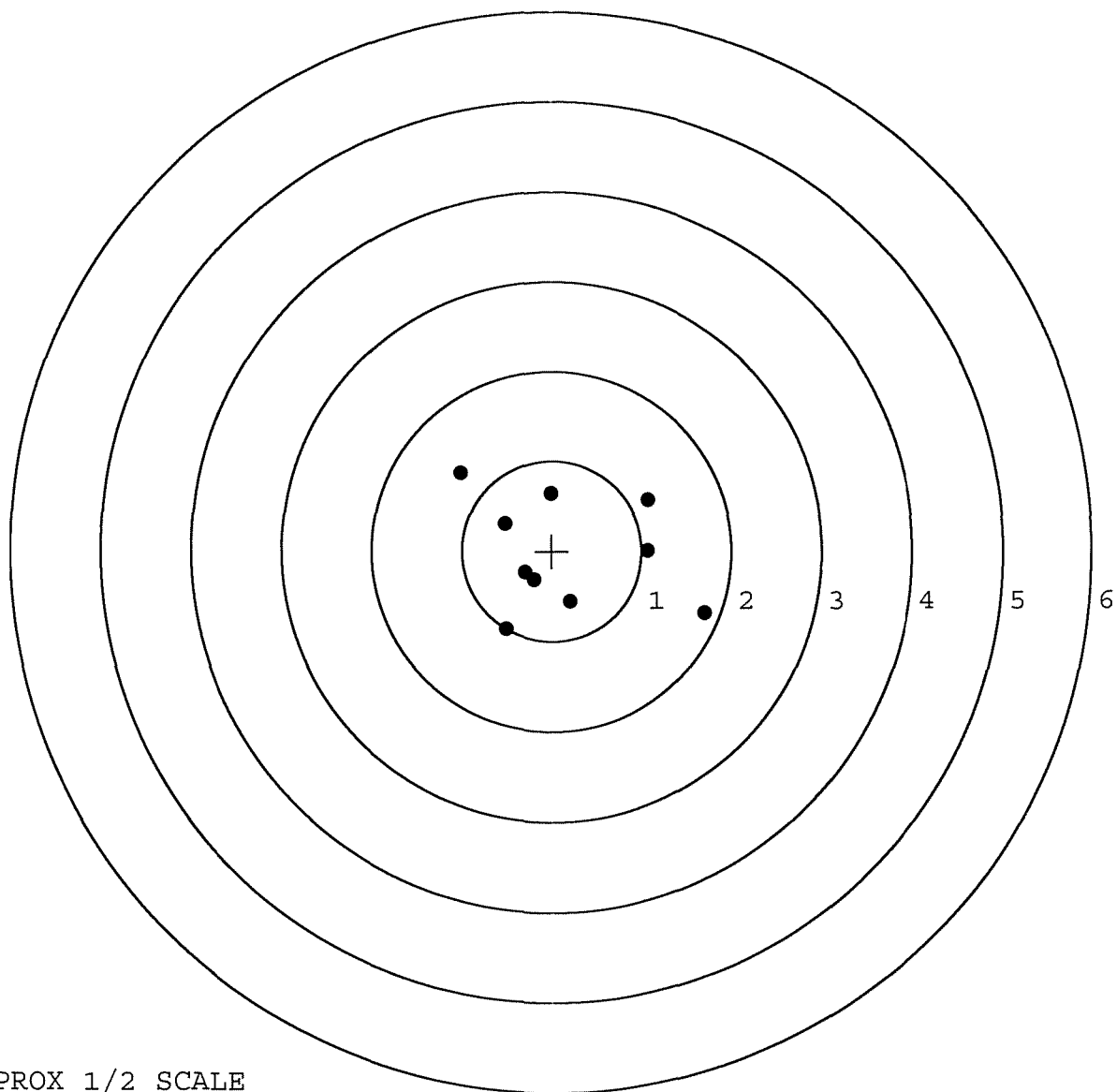


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594591. __0
TARGET NUMBER: 5
FILE DATE: 05/02/2005
FILE TIME: 06:55

X CENTROID: 0.147
Y CENTROID: -0.032
POA TO CENTROID: 0.151
HORZ SPREAD: 2.724
VERT SPREAD: 1.733
GROUP SPREAD: 3.134
MIN RADIUS: 0.455
MAX RADIUS: 1.691
MEAN RADIUS: 0.917
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.705	-0.689
2:	1.069	-0.006
3:	1.072	0.566
4:	0.206	-0.560
5:	-0.201	-0.324
6:	-0.305	-0.234
7:	-0.514	-0.872
8:	-0.018	0.637
9:	-0.522	0.303
10:	-1.019	0.861



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN

SERIAL NO.

INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

DATE 3-31-05

3.00 LBS (plus or minus 0.75 LBS)

TESTER TRW

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.61	2.82		2.67	
PULL #2	2.57	2.57		2.81	
PULL #3	2.68	2.86		2.91	
PULL #4	2.76	2.81		2.79	
PULL #5	2.85	2.76		2.78	
TOTAL	13.47	13.82		13.96	
AVERAGE	2.69	2.76		2.79	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.43		
PULL #2	3.45	3.41		
PULL #3	3.43	3.29		
PULL #4	3.56	3.29		
PULL #5	3.48	3.41		
TOTAL	17.07	16.83		
AVERAGE	3.41	3.36		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.25	4.09		4.09
PULL #2	4.30	4.05		4.00
PULL #3	4.39	4.16		4.10
PULL #4	4.03	4.10		4.08
PULL #5	4.24	4.11		4.09
TOTAL	21.21	20.51		20.36
AVERAGE	4.24	4.10		4.07

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

R & E NUMBER	92463		
SERIAL NUMBER	C6594591		
LOG-IN DATE	2-4-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-4-05	RTZ
560 A	RE-BARREL	4-7-05	RTZ
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTZ
600	PROOF	4-8-05	AC
605	CHECK HEADSPACE	4-8-05	AC
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX	4-12-05	CW
615	ROLLMARK CALIBER	4-18-05	LB
618	ROTO-BLAST	4-25-05	WJ
620	APPLY COATINGS	4-28-05	RTZ
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	5-2-05	AC
D	SAFETY "OFF" FORCE	5-2-05	AC
E	FIRING PIN INDENT	5-2-05	AC
640	TARGET	5-2-05	TRW
655	FINAL INSPECT	5-2-05	AC
660	PACK	5-7-05	NA
		SHIP DATE	
QAR INSPECTION DATE			




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

MODEL 700™ H24

SERIAL NO.
C6594591

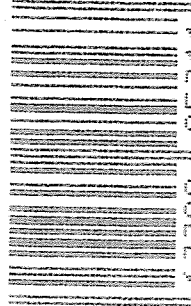
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

ORDER NO.
5716



5716 C6594591

LPC



0 47700 25716

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594591

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/27/90	K.S.
600	Proof		12/27/90	K.S.
607	Check Headspace		12/27/90	K.S.
610	Dis-assemble Gun		12/27/90	K.S.
612	Magnaflux Barrel Action		1/4/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GB
617	Drill and Tap Sight Holes	1 10 91		LB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-22-91	BA
	Apply Coating (Bolt)			
625	Final Assembly		1/23/91	KS
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/23/91	KS
	C) Inspect Ejector Hole for Chamfer		1/23/91	KS
	D) Oil Firing Pin Ass'y		1/23/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1-24/91	KS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1/24/91	WB
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			1/24/91	WB
	H) Trigger Pull Test & Retainability						1/24/91	JK
	I) Firing Pin Indent	.0205	.021	.021			1/24/91	WB
	J) Assemble Stock						1/24/91	KS
	K) Assemble Swivel Studs						2-21-91	AC
	L) Attach Front and Rear Sight Assemblies						1/24/91	KS
	M) Iron Sight Alignment						1/24/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/24/91	KS
	O) Attach Scope to Rifle						1/24/91	KS
	P) Detach & Attach Scope 20 Times						1/24/91	KS
640	Gallery Target & Test						1-24-91	DH
	A) Time						1-24-91	DH
	B) Malfunctions						1-24-91	DH
	C) Pierced Primers						1-24-91	DH
	D) Optical Clarity of Scope						1-24-91	DH
645	Inspect for Live Ammo						1-24-91	DH
655	Final Inspection							
	A) Headspace						2-22-91	AC
	B) Trigger Pull	2.44	2.16	2.20	2.22	2.29	2-1-91	JK
	C) Function						2-22-91	AC
660	Pack						3-19-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6594591

DATE 1-24-91

TESTER JRP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.27	2.39	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.27	2.42	2.16	
PULL #3	2.33	2.27	2.41	2.20	
PULL #4	2.55	2.31	2.27	2.22	
PULL #5	2.51	2.34	2.34	2.29	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.34		
PULL #2	3.26	3.36		
PULL #3	3.25	3.46		
PULL #4	3.19	3.47		
PULL #5	3.24	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.20		4.31
PULL #2	4.28	4.19		4.20
PULL #3	4.31	4.22		4.17
PULL #4	4.24	4.11		4.25
PULL #5	4.22	4.10		4.21
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594591
25 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.19244
1 TO	2	.0940213
1 TO	3	.223143
1 TO	4	.3522
1 TO	5	.378671

52
47 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0326
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1836
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .186472
THE AMR FOR THIS RIFLE IS: .84

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594591

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.901

VS= 2.193

GS= 2.195

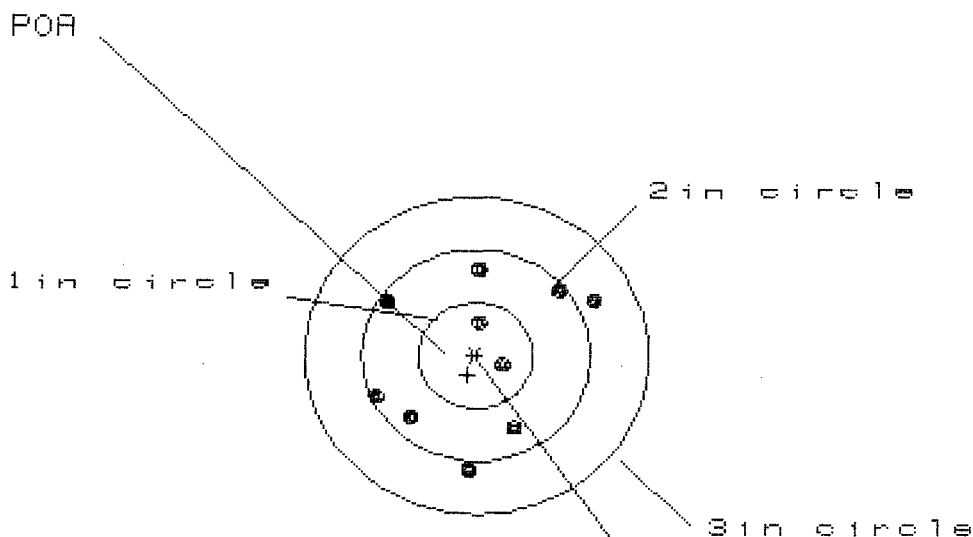
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.897	.856	.792
MINIMUM X	:	-1.004	-1.045	-1.109
MAXIMUM Y	:	1.006	.875	.594
MINIMUM Y	:	-1.187	-.793	-.684
CENTROID X	:	.148	.189	.253
CENTROID Y	:	.123	.254	.145
POA TO CENTROID in.	:	.192	.317	.292
MIN RADIUS	:	.196	.061	.183
MEAN RADIUS	:	.756	.678	.634
MAX RADIUS	:	1.243	1.055	1.138
HORIZONTAL SPREAD	:	1.901	1.901	1.901
VERTICAL SPREAD	:	2.193	1.668	1.278
EXTREME SPREAD	:	2.195	1.908	1.908
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594591

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.856

VS= 1.910

GS= 2.051

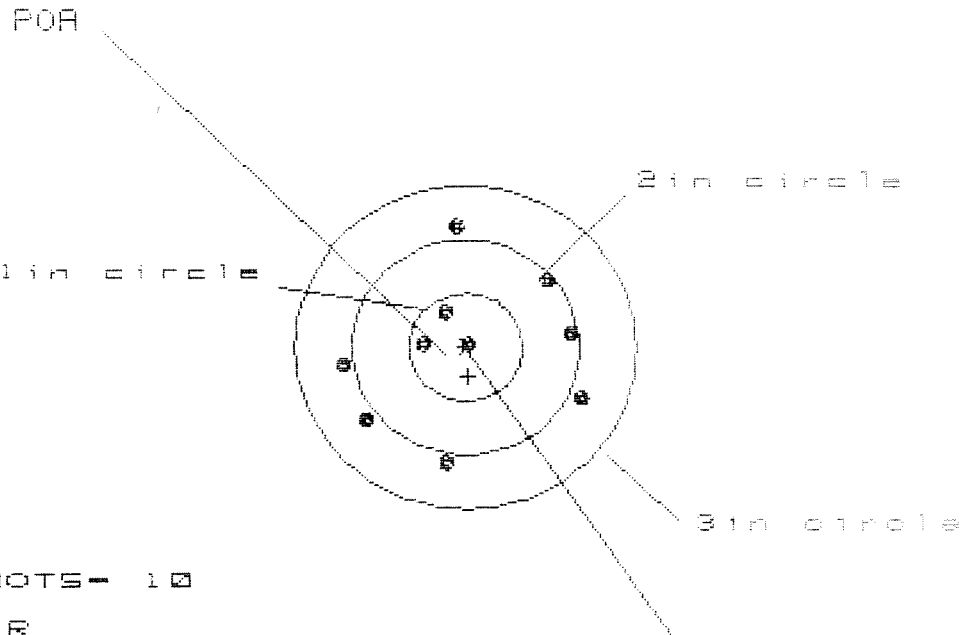
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.995	.833	.837
MINIMUM X	:	-.861	-.751	-.747
MAXIMUM Y	:	.792	.849	.717
MINIMUM Y	:	-1.118	-1.061	-.744
CENTROID X	:	.074	-.036	-.040
CENTROID Y	:	.181	.124	.256
POA TO CENTROID in.	:	.196	.129	.260
MIN RADIUS	:	.206	.302	.303
MEAN RADIUS	:	.796	.761	.711
MAX RADIUS	:	1.121	1.093	1.016
HORIZONTAL SPREAD	:	1.856	1.584	1.584
VERTICAL SPREAD	:	1.910	1.910	1.461
EXTREME SPREAD	:	2.051	1.941	1.876
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

25 Jan 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 3.045

VS= 2.179

GS= 2.180

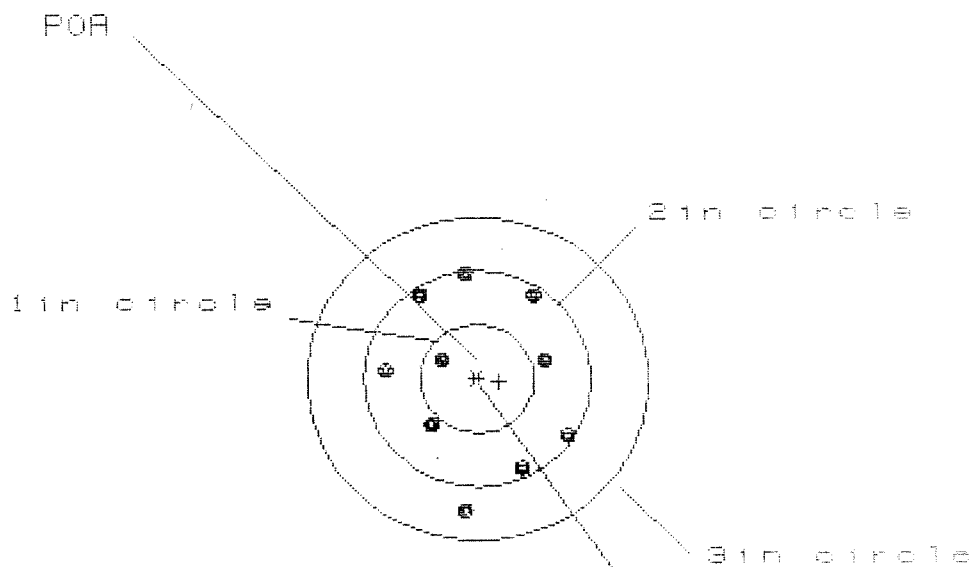
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.987	.977	1.075
MINIMUM X	:	-1.058	-1.068	-.946
MAXIMUM Y	:	1.145	.750	.705
MINIMUM Y	:	-1.034	-.906	-.951
CENTROID X	:	-.019	-.009	-.131
CENTROID Y	:	.271	.143	.188
POA TO CENTROID in.	:	.271	.144	.229
MIN RADIUS	:	.042	.169	.173
MEAN RADIUS	:	.824	.802	.748
MAX RADIUS	:	1.149	1.068	1.124
HORIZONTAL SPREAD	:	2.045	2.045	2.020
VERTICAL SPREAD	:	2.179	1.656	1.656
EXTREME SPREAD	:	2.180	2.071	2.041
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

25 Jan 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 9

3in = 10

HS= 1.636

VS= 2.124

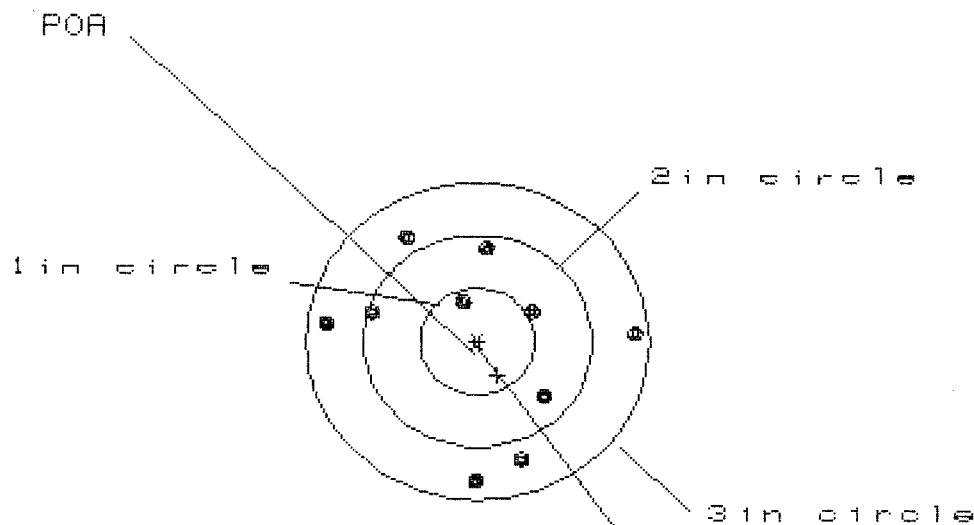
GS= 2.124

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.781	.772	.704
MINIMUM X	:	-.855	-.864	-.931
MAXIMUM Y	:	.932	.799	.882
MINIMUM Y	:	-1.192	-.944	-.861
CENTROID X	:	-.190	-.181	-.113
CENTROID Y	:	.024	.157	.074
POA TO CENTROID in.	:	.192	.239	.135
MIN RADIUS	:	.332	.312	.389
MEAN RADIUS	:	.830	.777	.767
MAX RADIUS	:	1.195	1.031	.933
HORIZONTAL SPREAD	:	1.636	1.636	1.636
VERTICAL SPREAD	:	2.124	1.743	1.743
EXTREME SPREAD	:	2.124	1.869	1.824
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594591

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.677

VS= 2.321

GS= 2.681

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.363	.727	.747
MINIMUM X	:	-1.314	-1.162	-1.142
MAXIMUM Y	:	.973	.983	.815
MINIMUM Y	:	-1.348	-1.338	-1.322
CENTROID X	:	-.176	-.328	-.348
CENTROID Y	:	.319	.309	.477
POA TO CENTROID in.	:	.365	.451	.590
MIN RADIUS	:	.396	.399	.241
MEAN RADIUS	:	.994	.951	.861
MAX RADIUS	:	1.366	1.349	1.448
HORIZONTAL SPREAD	:	2.677	1.889	1.889
VERTICAL SPREAD	:	2.321	2.321	2.137
EXTREME SPREAD	:	2.681	2.408	2.379
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	