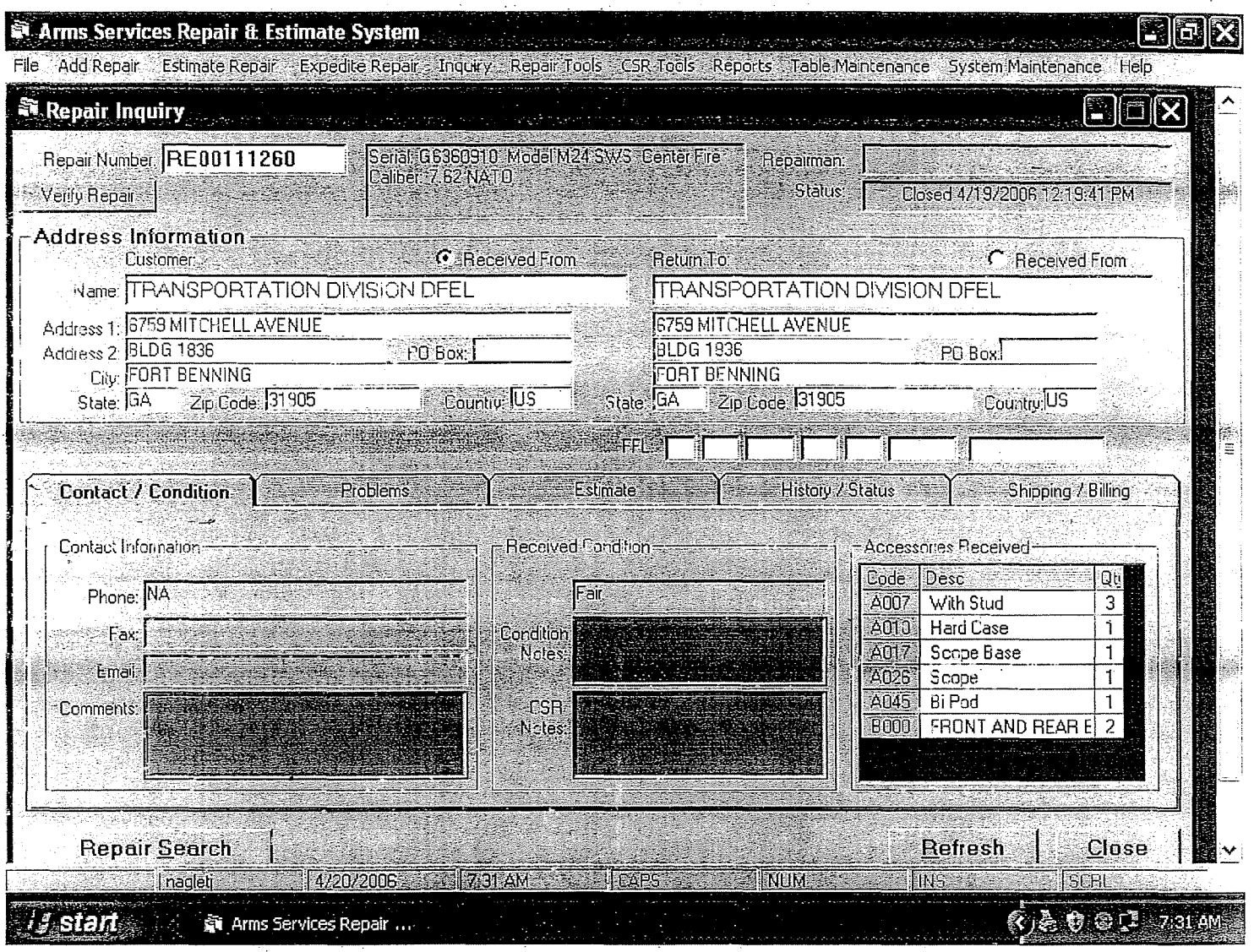
G 630910
Rep Rec
Exh 25-43


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 RE00111260
Verify Repair
Serial G6360910 Model M24 SWS Center Fire Caliber 7.62 NATO
Repairman:
Status: Closed 4/19/2006 12:19:41 PM
Address Information
Customer Received From
Name: TRANSPORTATION DIVISION DFEL
Address 1: 6759 MITCHELL AVENUE
Address 2: BLDG 1836 PO Box:
City: FORT BENNING
State: GA Zip Code: 31905 Country: US
Return To Received From
TRANSPORTATION DIVISION DFEL
6759 MITCHELL AVENUE
BLDG 1936 PO Box:
FORT BENNING
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
B000 FRONT AND REAR E 2
Repair Search
Refresh
Close
naglelj
4/20/2006
7:31 AM
CAPS
NUM
INS
SCRL
start
Arms Services Repair ...
7:31 AM


Serial Number:
G6360910
Model: M24 SWS
RE00111260

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360910.__1
FILE DATE AND TIME: 05/17/2006 16:22

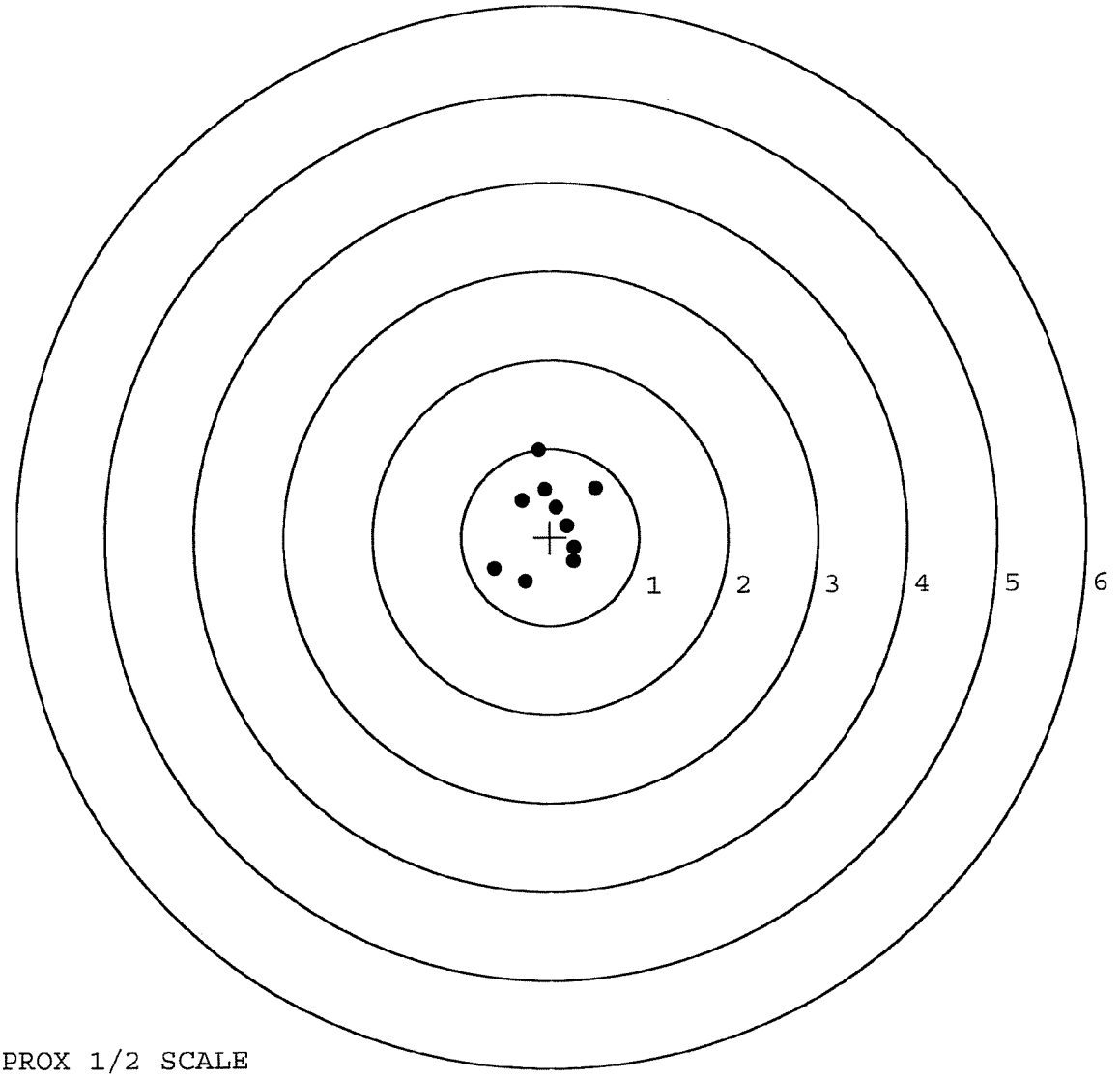
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.046
The Average Y Centroid of the Five Target Set:	-0.030
The Average Point of Impact of the Five Target Set:	0.055
The Average Mean Radius of the Five Target Set:	0.646
The Distance from POA to Centroid Target #1:	0.171
The Distance from Centroid Target #2 to Centroid Target #1:	0.452
The Distance from Centroid Target #3 to Centroid Target #1:	0.119
The Distance from Centroid Target #4 to Centroid Target #1:	0.238
The Distance from Centroid Target #5 to Centroid Target #1:	0.348

SERIAL NUMBER: G6360910.__1
TARGET NUMBER: 1
FILE DATE: 05/17/2006
FILE TIME: 16:22

X CENTROID:	-0.012
Y CENTROID:	0.171
POA TO CENTROID:	0.171
HORZ SPREAD:	1.137
VERT SPREAD:	1.485
GROUP SPREAD:	1.493
MIN RADIUS:	0.186
MAX RADIUS:	0.820
MEAN RADIUS:	0.509
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.508	0.552
2:	-0.130	0.982
3:	-0.316	0.420
4:	-0.062	0.540
5:	0.069	0.338
6:	0.190	0.132
7:	0.271	-0.120
8:	0.261	-0.276
9:	-0.281	-0.503
10:	-0.629	-0.355

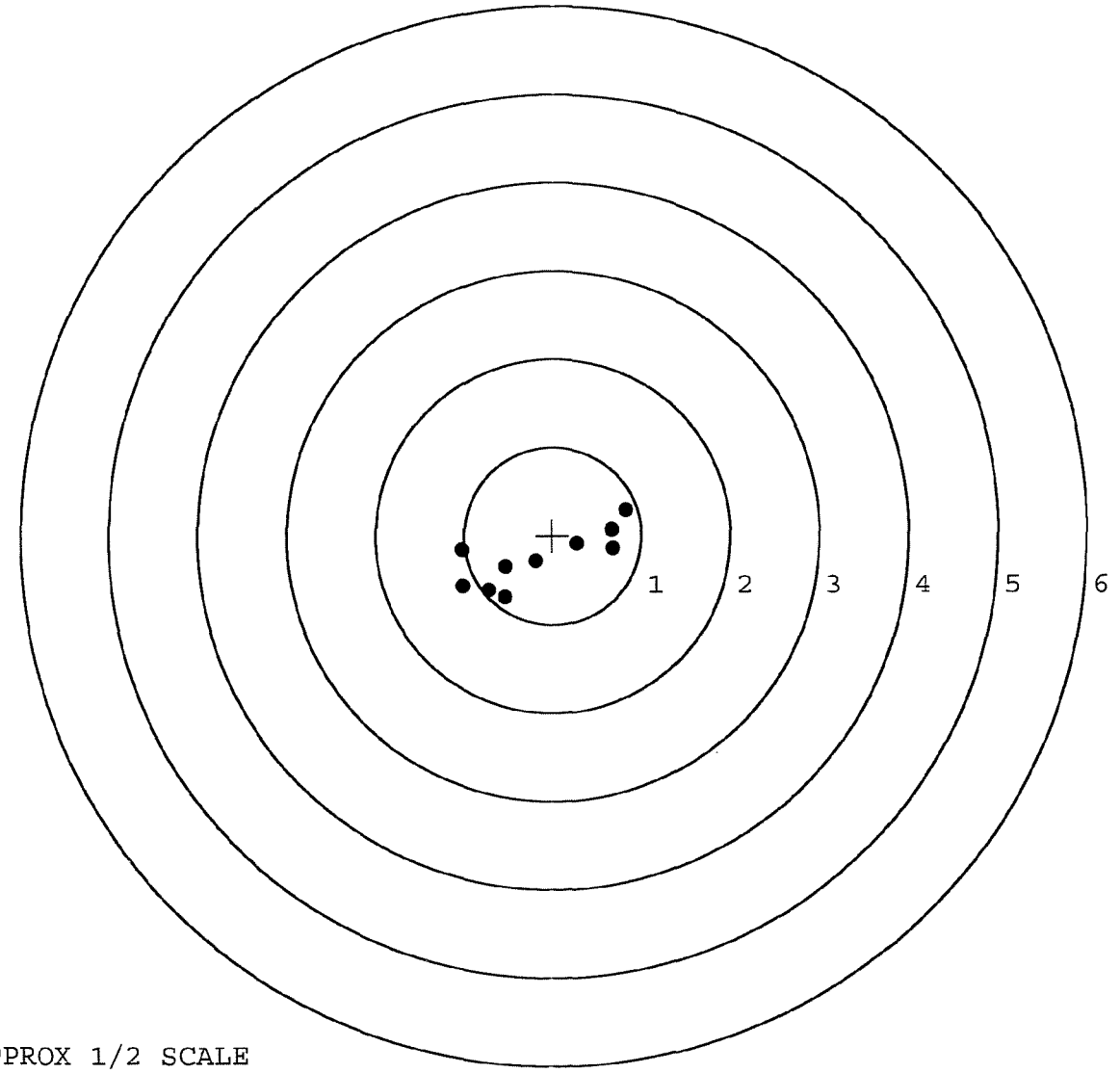


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360910.__1
TARGET NUMBER: 2
FILE DATE: 05/17/2006
FILE TIME: 16:22

X CENTROID:	-0.158
Y CENTROID:	-0.257
POA TO CENTROID:	0.301
HORZ SPREAD:	1.849
VERT SPREAD:	0.988
GROUP SPREAD:	2.035
MIN RADIUS:	0.048
MAX RADIUS:	1.124
MEAN RADIUS:	0.680
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.026	-0.166
2:	-1.016	-0.579
3:	-0.724	-0.617
4:	-0.537	-0.696
5:	-0.533	-0.347
6:	-0.191	-0.291
7:	0.275	-0.088
8:	0.686	-0.146
9:	0.664	0.071
10:	0.823	0.292

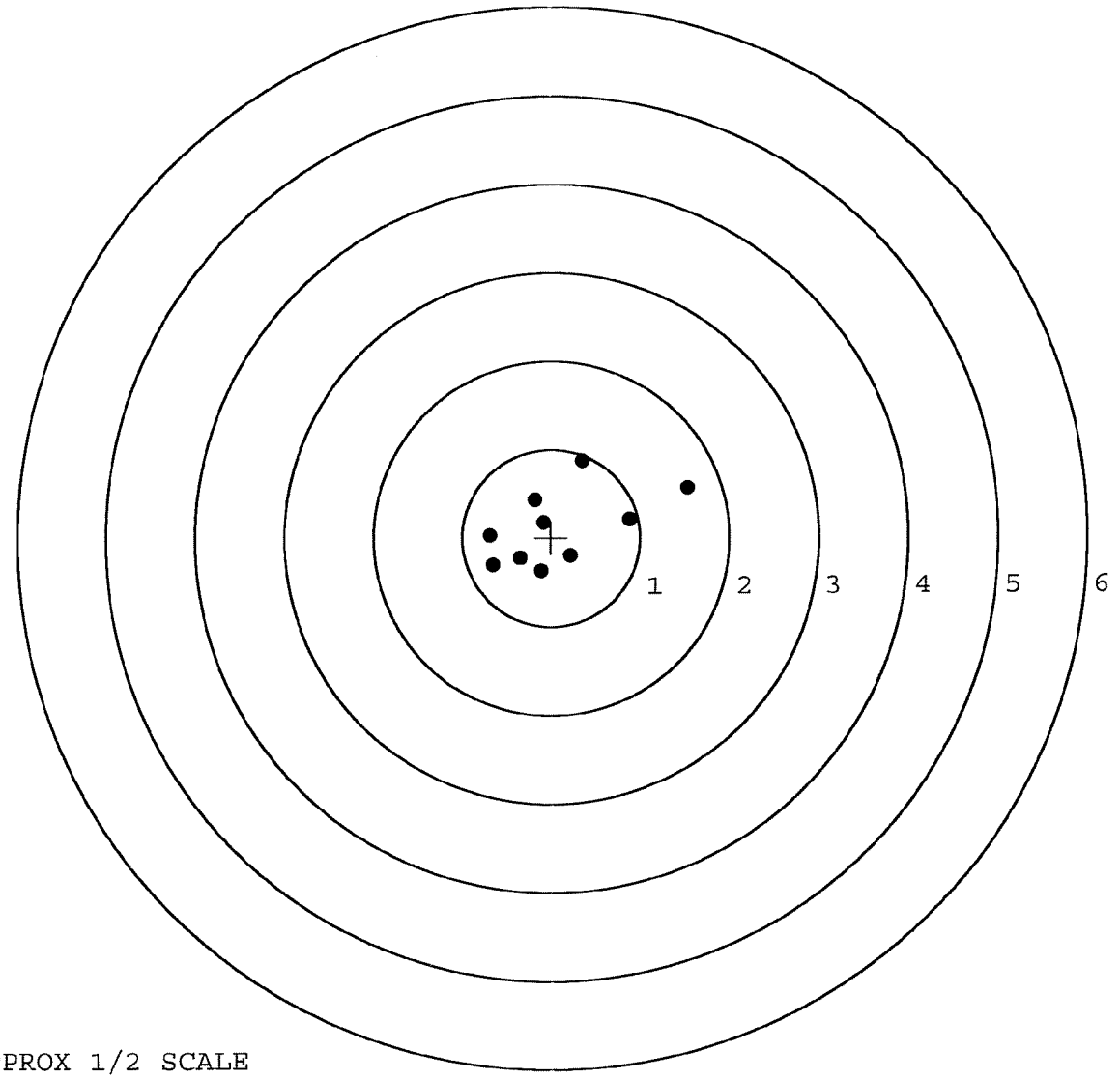


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360910.__1
TARGET NUMBER: 3
FILE DATE: 05/17/2006
FILE TIME: 16:22

X CENTROID:	0.090
Y CENTROID:	0.110
POA TO CENTROID:	0.142
HORZ SPREAD:	2.221
VERT SPREAD:	1.250
GROUP SPREAD:	2.356
MIN RADIUS:	0.188
MAX RADIUS:	1.510
MEAN RADIUS:	0.680
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.352	0.867
2:	0.881	0.204
3:	1.531	0.562
4:	-0.181	0.430
5:	-0.088	0.170
6:	0.216	-0.210
7:	-0.119	-0.383
8:	-0.347	-0.237
9:	-0.654	-0.319
10:	-0.690	0.020

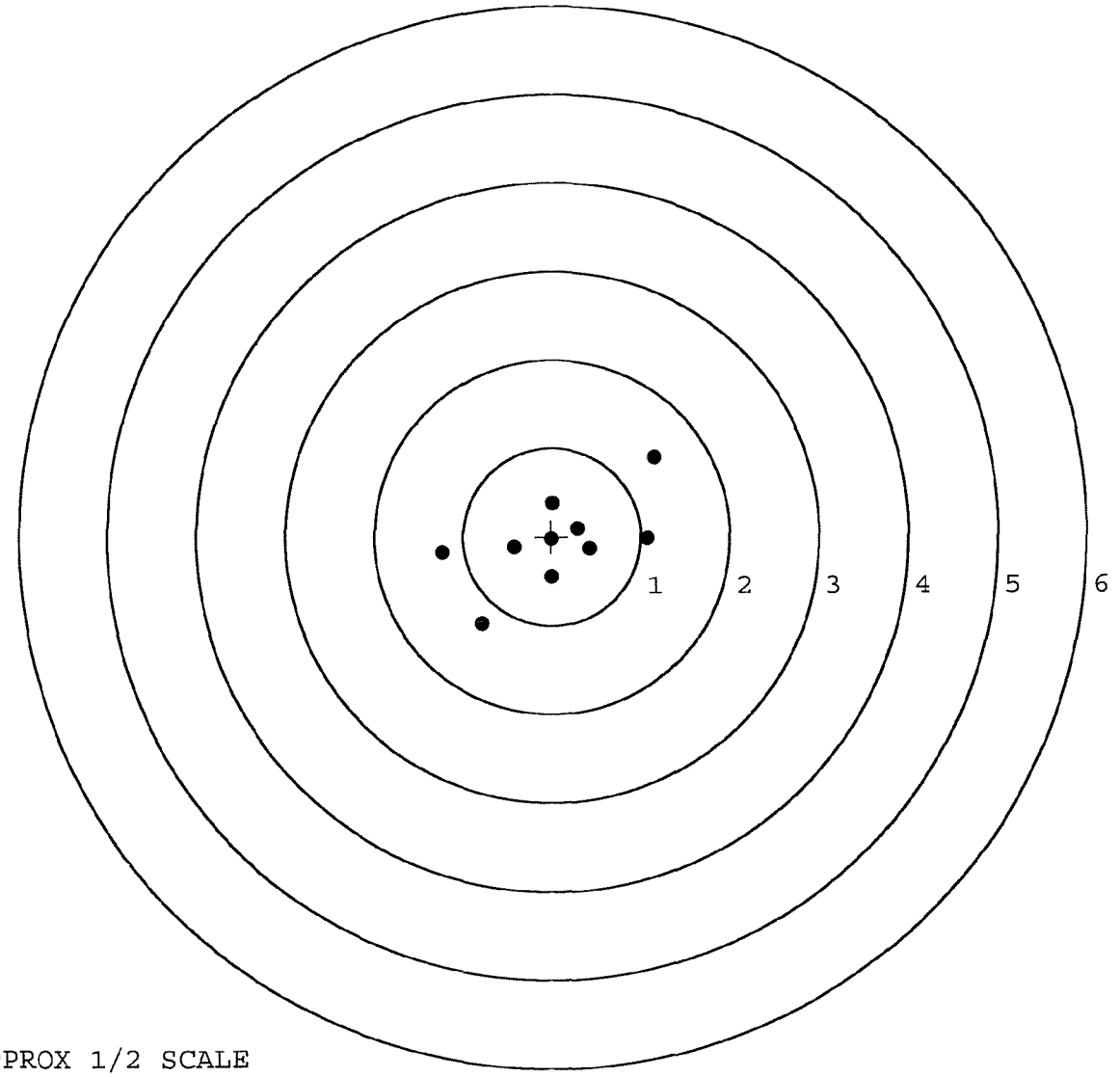


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360910.__1
TARGET NUMBER: 4
FILE DATE: 05/17/2006
FILE TIME: 16:22

X CENTROID:	0.052
Y CENTROID:	-0.058
POA TO CENTROID:	0.078
HORZ SPREAD:	2.389
VERT SPREAD:	1.871
GROUP SPREAD:	2.703
MIN RADIUS:	0.055
MAX RADIUS:	1.457
MEAN RADIUS:	0.707
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.231	-0.184
2:	-0.793	-0.981
3:	-0.423	-0.125
4:	-0.001	-0.459
5:	0.009	0.376
6:	0.292	0.094
7:	0.429	-0.139
8:	1.076	-0.023
9:	1.158	0.890
10:	0.004	-0.032

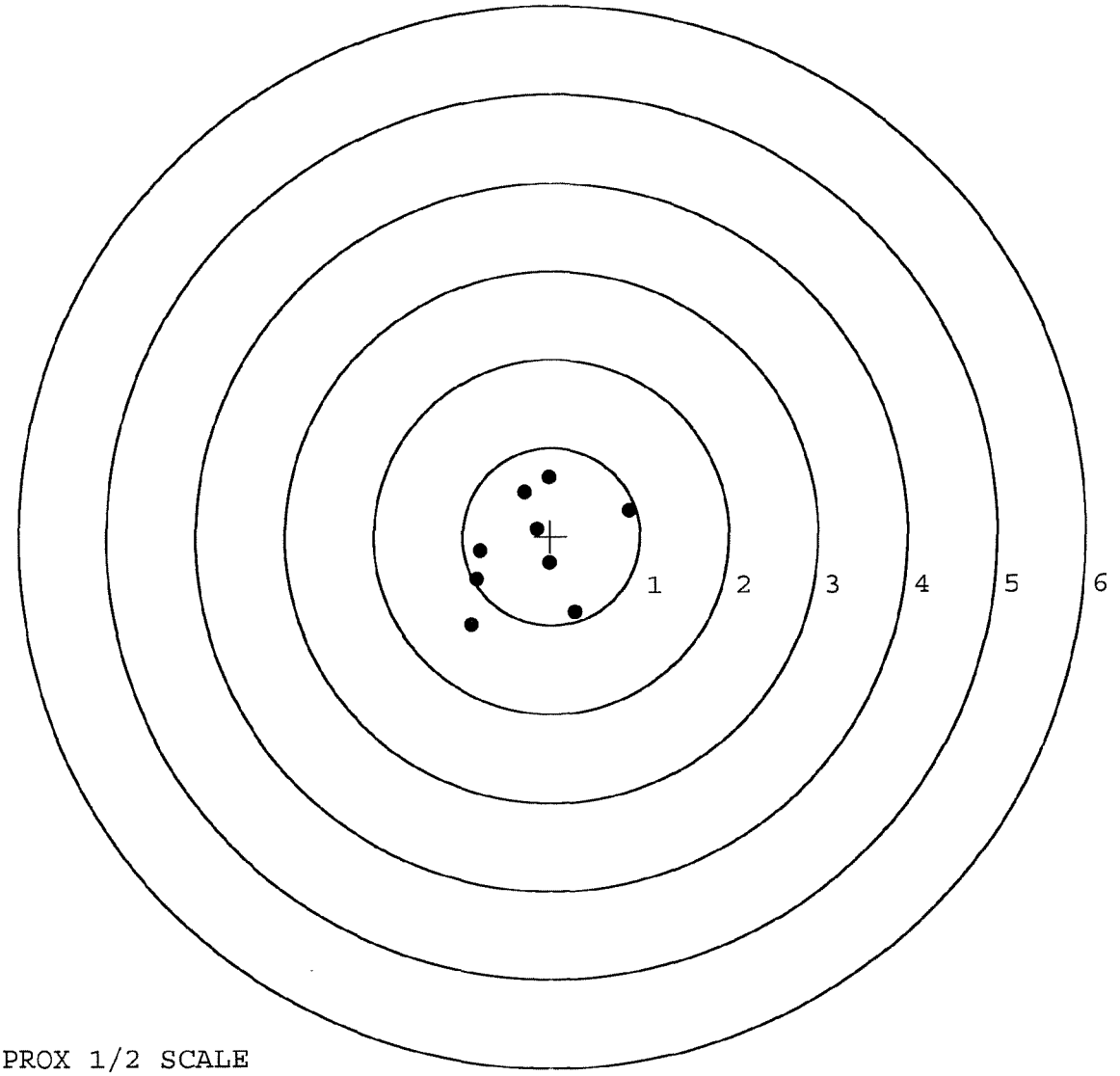


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360910.__1
TARGET NUMBER: 5
FILE DATE: 05/17/2006
FILE TIME: 16:22

X CENTROID:	-0.204
Y CENTROID:	-0.118
POA TO CENTROID:	0.236
HORZ SPREAD:	1.775
VERT SPREAD:	1.660
GROUP SPREAD:	2.190
MIN RADIUS:	0.205
MAX RADIUS:	1.153
MEAN RADIUS:	0.658
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.797	-0.165
2:	-0.838	-0.483
3:	-0.901	-0.994
4:	0.272	-0.854
5:	0.874	0.289
6:	-0.021	0.666
7:	-0.306	0.496
8:	-0.155	0.081
9:	-0.157	0.081
10:	-0.015	-0.301

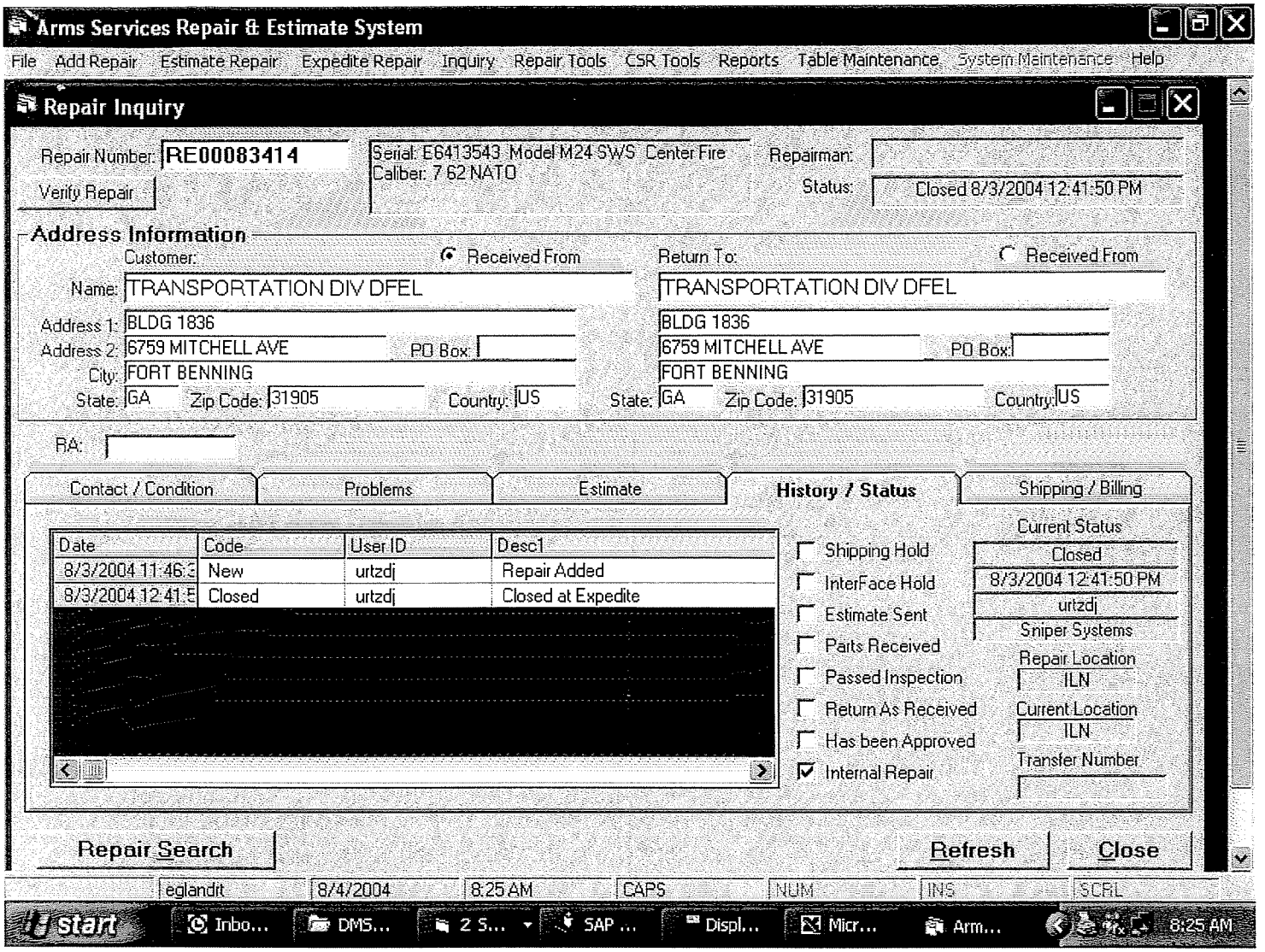


TARGET APPROX 1/2 SCALE

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

R & E NUMBER	111260
SERIAL NUMBER	C6360918
LOG-IN DATE	4-19-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-2~~0~~-06	RTC
505	RE-BARREL		5-3-06	RTC
560	ASSEMBLE		5-3-06	RTC
600	PROOF	MAGNA-FLUX INSPECTED MAY 0 8 2006	5-3-06	MJM
605	CHECK HEADSPACE		5-3-06	MJM
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX	OPERATOR	3-8-06	APM
510	DRILL AND TAP		5-5-06	TRW
615	ROLLMARK CALIBER		5-8-06	CW
618	ROTO-BLAST		5-8-06	LB
620	APPLY COATINGS		5/~~8~~/06	
625	FINAL ASSEMBLY		5-17-06	RTC
640	FUNCTION TEST AND	(PASS) FAIL	5-17-06	L.P.D.
650	TARGET	(PASS) FAIL	5-17-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5-23-06	MJM
	A) HEADSPACE	(PASS) FAIL	5-23-06	MJM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.34 2.30 2.30 2.89 2.04		L.P.D.
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6 lbs 6 lbs. 6 lbs.		MJM
	G) SAFETY OFF FORCE (2 LBS MIN)	2 lbs 2 lbs 2 lbs		MJM
	I) FIRING PIN INDENT (.020)	.022 .022 .022		MJM
690	PACK		5-24-06	DA



G63609 10 (New)

Serial Number: E6413543

Model: M24 SWS

RE00083414

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

R & E NUMBER	83414		
SERIAL NUMBER	~~E6413543~~	G6360910 (New)	
LOG-IN DATE	8-3-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-9-04	RTL
560 A	RE-BARREL	8-9-04	RTL
B	DRILL AND TAP	8-9-04	TRW
575	ASSEMBLE MAGNA-FLUX	8-10-04	RTL
600	PROOF INSPECTED	8-10-04	RTL
605	CHECK HEADSPACE AUG 11 2004	8-10-04	RTL
610	DIS-ASSEMBLE GUN OPERATOR	8-10-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8/11/04	NB
618	ROTO-BLAST	8/12/04	DG
620	APPLY COATINGS	8/12	
625 A	FINAL ASSEMBLY	8-16-04	
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-17-04	TRW
655	FINAL INSPECT	8-27-04	RTL
660	PACK	9-24-04	
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360910.__0
FILE DATE AND TIME: 08/17/2004 05:56

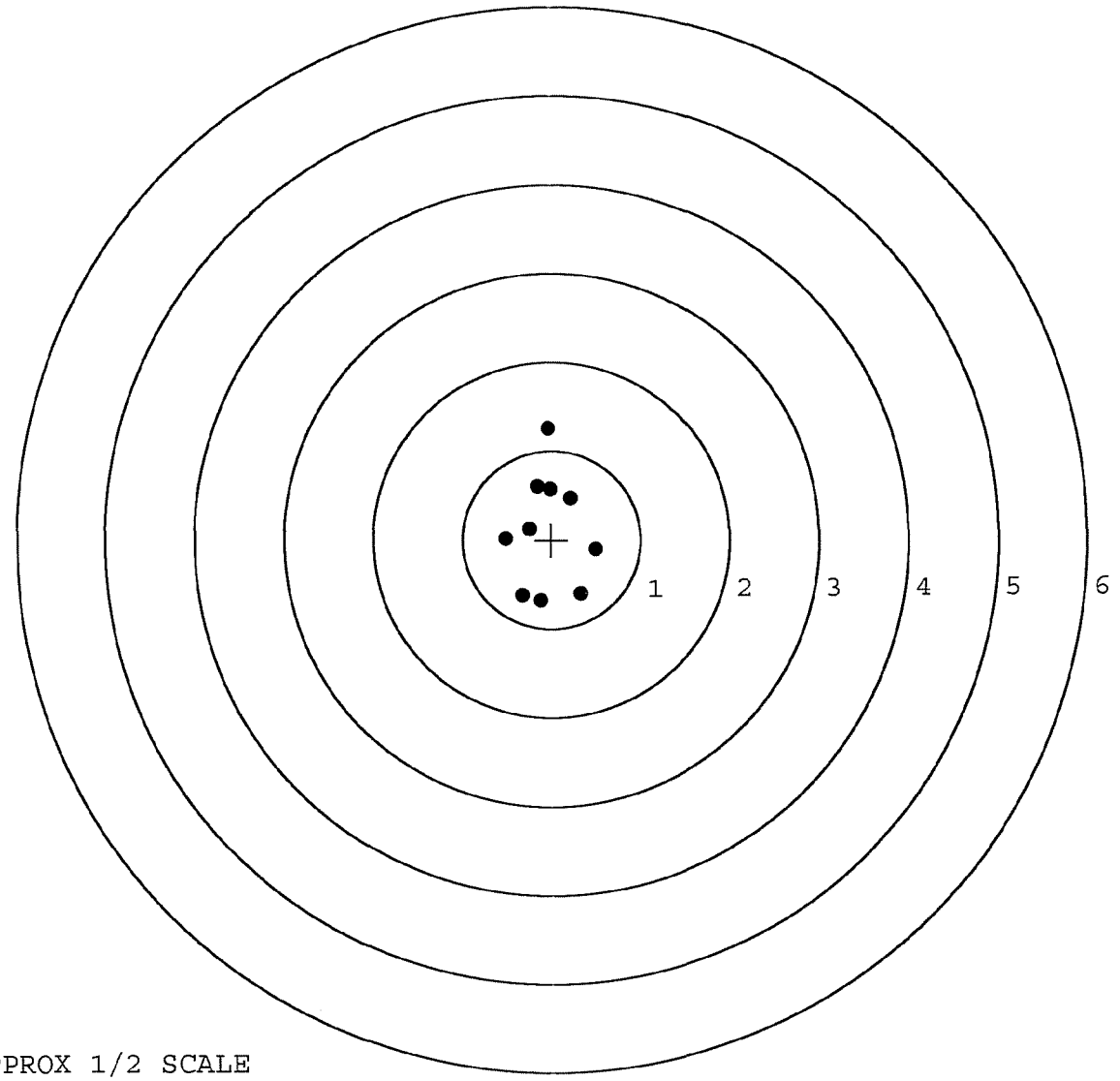
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.008
The Average Y Centroid of the Five Target Set:	-0.102
The Average Point of Impact of the Five Target Set:	0.102
The Average Mean Radius of the Five Target Set:	0.695
The Distance from POA to Centroid Target #1:	0.107
The Distance from Centroid Target #2 to Centroid Target #1:	0.279
The Distance from Centroid Target #3 to Centroid Target #1:	0.248
The Distance from Centroid Target #4 to Centroid Target #1:	0.111
The Distance from Centroid Target #5 to Centroid Target #1:	0.486

SERIAL NUMBER: G6360910.__0
TARGET NUMBER: 1
FILE DATE: 08/17/2004
FILE TIME: 05:56

X CENTROID:	-0.038
Y CENTROID:	0.100
POA TO CENTROID:	0.107
HORZ SPREAD:	1.008
VERT SPREAD:	1.939
GROUP SPREAD:	1.941
MIN RADIUS:	0.205
MAX RADIUS:	1.152
MEAN RADIUS:	0.623
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.327	-0.609
2:	-0.125	-0.687
3:	-0.332	-0.628
4:	0.494	-0.110
5:	0.221	0.472
6:	-0.013	0.568
7:	-0.158	0.603
8:	-0.037	1.252
9:	-0.241	0.125
10:	-0.514	0.017

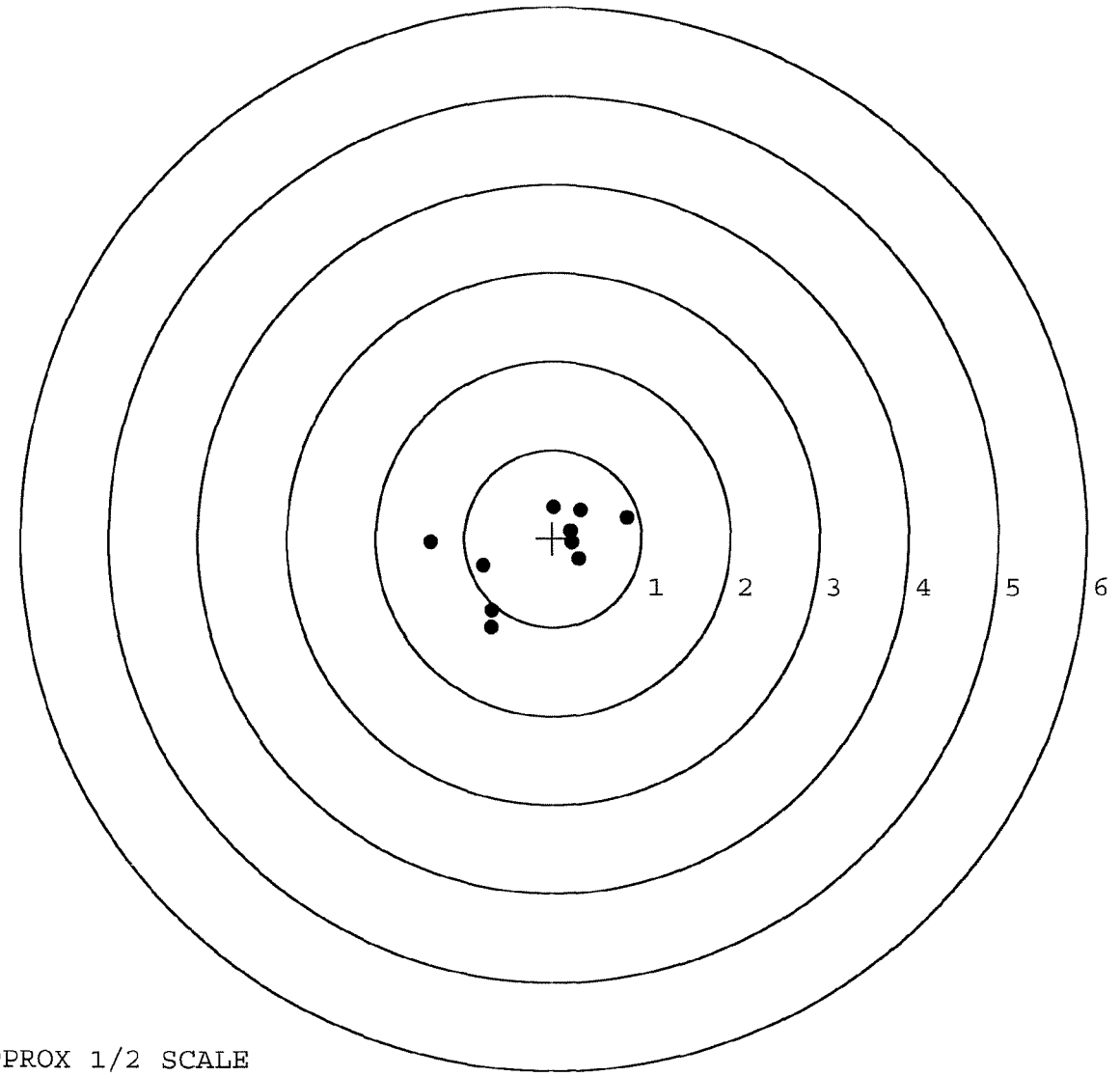


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360910.__0
TARGET NUMBER: 2
FILE DATE: 08/17/2004
FILE TIME: 05:56

X CENTROID:	-0.167
Y CENTROID:	-0.147
POA TO CENTROID:	0.223
HORZ SPREAD:	2.204
VERT SPREAD:	1.365
GROUP SPREAD:	2.222
MIN RADIUS:	0.399
MAX RADIUS:	1.211
MEAN RADIUS:	0.729
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.696	-1.013
2:	-0.692	-0.816
3:	-0.781	-0.310
4:	-1.374	-0.047
5:	0.297	-0.232
6:	0.220	-0.052
7:	0.830	0.239
8:	0.310	0.326
9:	0.012	0.352
10:	0.203	0.080

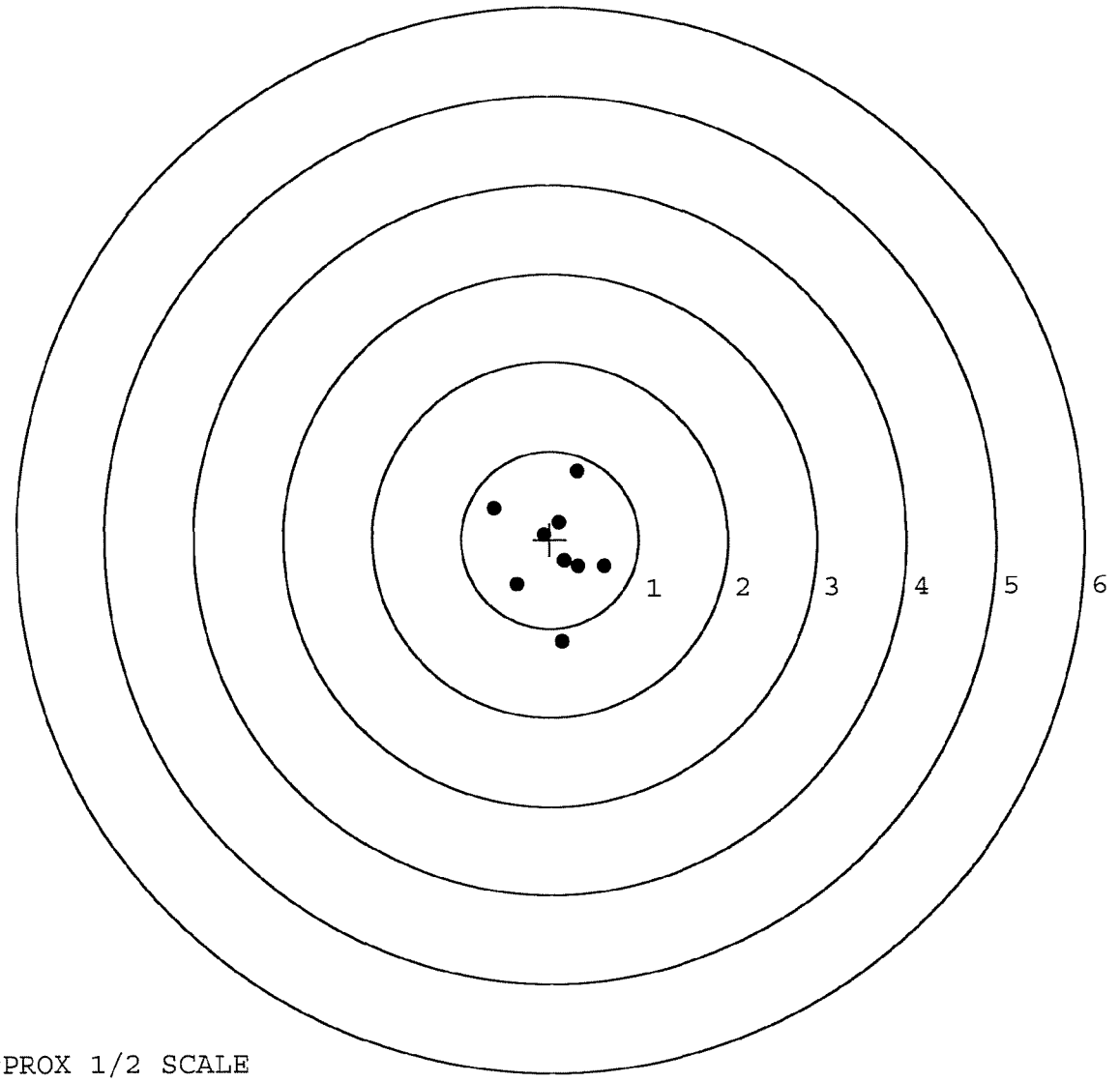


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360910.__0
TARGET NUMBER: 3
FILE DATE: 08/17/2004
FILE TIME: 05:56

X CENTROID:	0.065
Y CENTROID:	-0.125
POA TO CENTROID:	0.141
HORZ SPREAD:	1.236
VERT SPREAD:	1.935
GROUP SPREAD:	1.944
MIN RADIUS:	0.156
MAX RADIUS:	1.035
MEAN RADIUS:	0.555
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.135	-1.158
2:	-0.377	-0.513
3:	0.611	-0.300
4:	0.319	-0.305
5:	0.165	-0.245
6:	-0.068	0.057
7:	0.109	0.199
8:	0.319	0.777
9:	-0.625	0.359

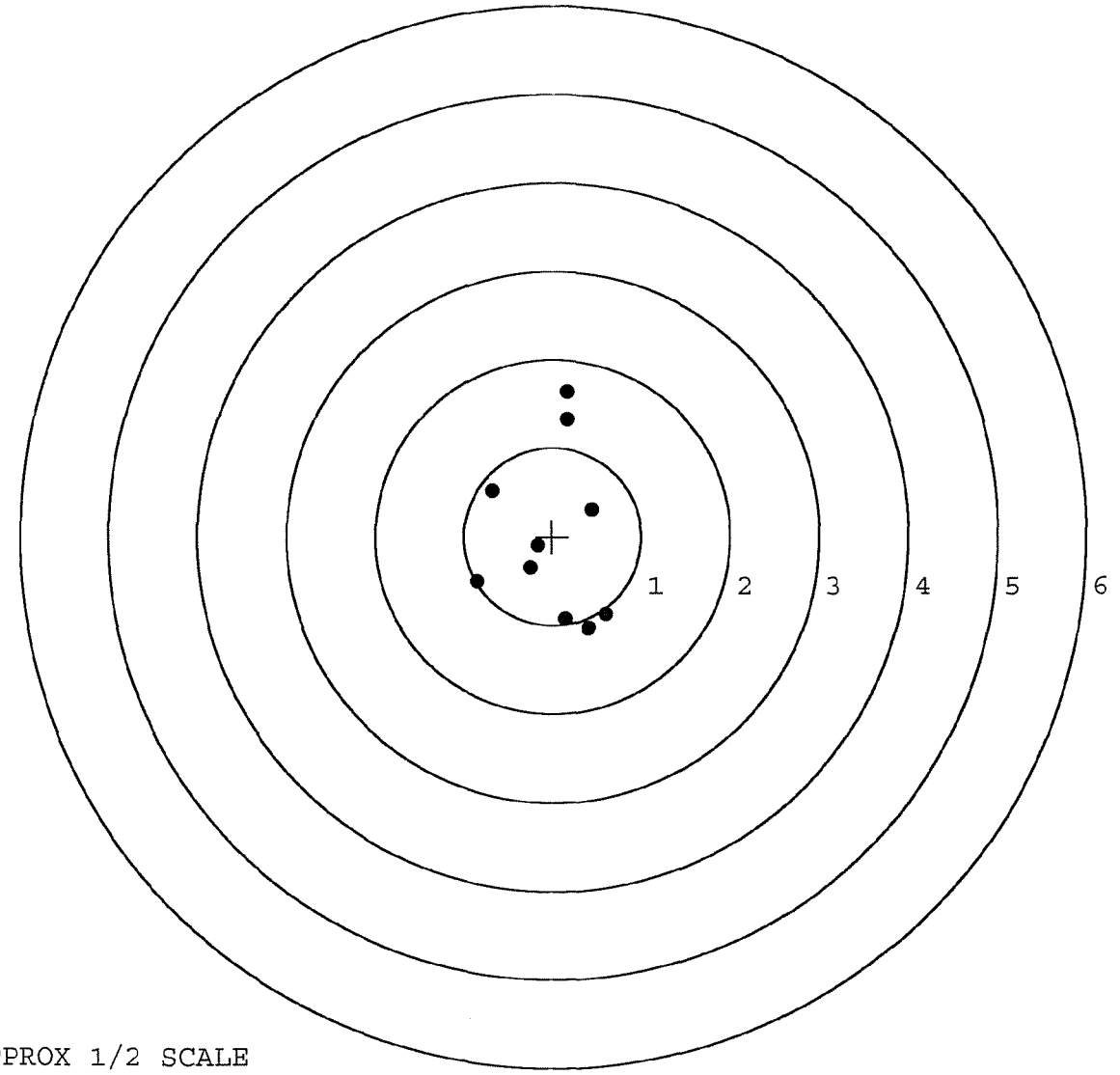


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360910.__0
TARGET NUMBER: 4
FILE DATE: 08/17/2004
FILE TIME: 05:56

X CENTROID:	-0.001
Y CENTROID:	-0.004
POA TO CENTROID:	0.004
HORZ SPREAD:	1.456
VERT SPREAD:	2.665
GROUP SPREAD:	2.677
MIN RADIUS:	0.190
MAX RADIUS:	1.642
MEAN RADIUS:	0.911
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.606	-0.878
2:	0.410	-1.035
3:	0.149	-0.934
4:	-0.251	-0.357
5:	-0.161	-0.105
6:	-0.850	-0.511
7:	-0.685	0.520
8:	0.445	0.312
9:	0.170	1.320
10:	0.160	1.630

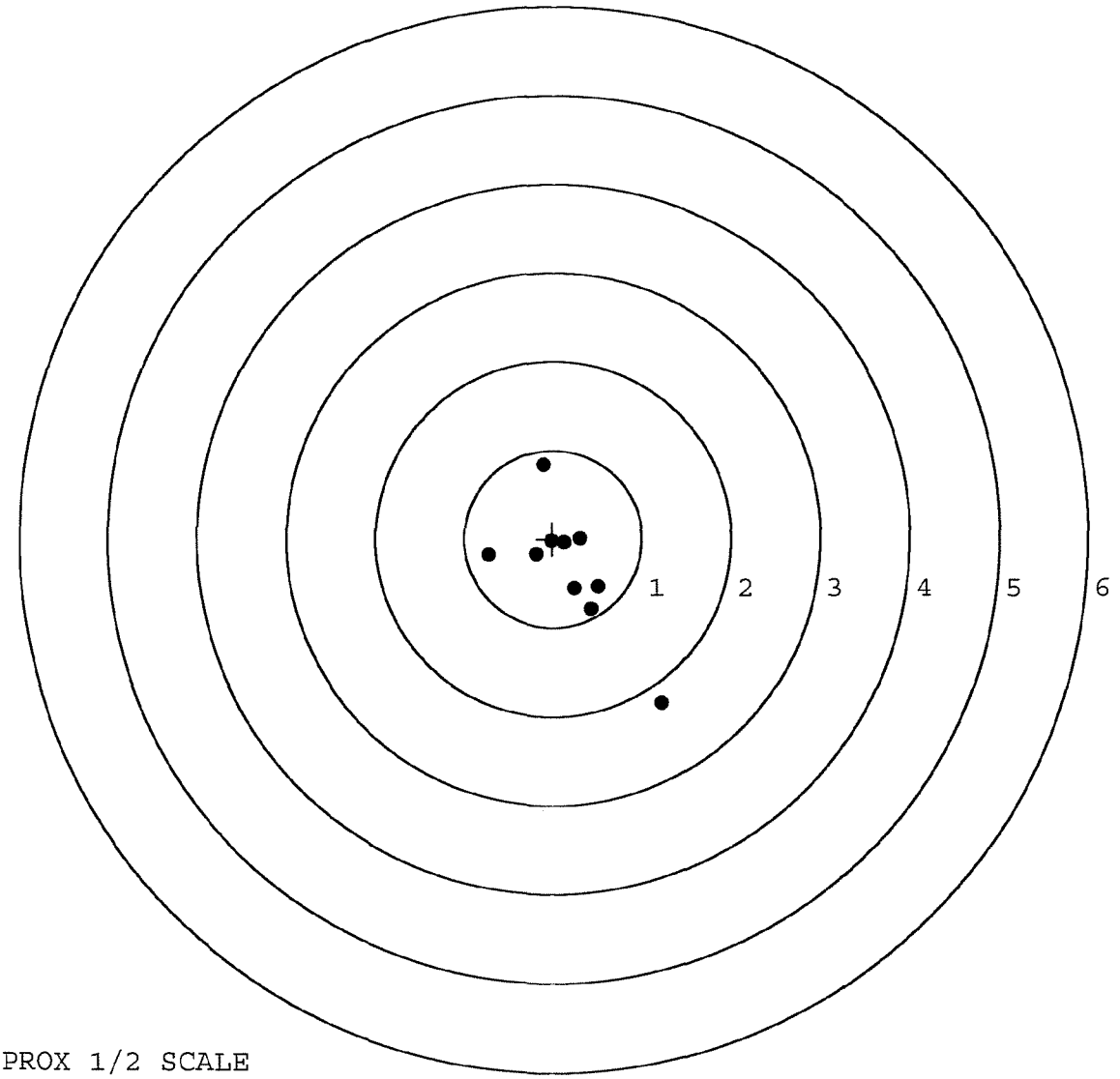


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360910.__0
TARGET NUMBER: 5
FILE DATE: 08/17/2004
FILE TIME: 05:56

X CENTROID:	0.182
Y CENTROID:	-0.333
POA TO CENTROID:	0.380
HORZ SPREAD:	1.954
VERT SPREAD:	2.687
GROUP SPREAD:	3.002
MIN RADIUS:	0.241
MAX RADIUS:	1.844
MEAN RADIUS:	0.656
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.232	-1.849
2:	0.511	-0.541
3:	0.430	-0.794
4:	0.245	-0.566
5:	0.309	0.010
6:	0.129	-0.041
7:	-0.014	-0.021
8:	-0.193	-0.176
9:	-0.722	-0.191
10:	-0.107	0.838



TARGET APPROX 1/2 SCALE

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: RE00060347

Verify Repair

Serial: C6225357 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)

Repairman:

Status: Closed 1/23/2003 2:24:18 PM

Address Information

Customer: (Received From)	Return To: (Received From)
Name: USAIC	USAIC
Address 1: DFEL SUPPLY DIV BLDG 490	DFEL SUPPLY DIV BLDG 490
Address 2: PO Box:	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:

Fax:

Email:

Comments:

Received Condition

Poor

Condition Notes: REC'D IN SAME HARD CASE W/ SER# C6498758 & C6225235.

CSR Notes:

Accessories Received

Code	Desc	Qt
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
X	SCOPE SER# 88-1156	1
XX	FRT & REAR SGT BASES	1

Repair Search | Refresh | Close

naglelj | 1/23/2003 | 4:13 PM | CAPS | NUM | INS | SCRL

Start | Microsoft O... | Scorecard Daily | Arms Services ... | Part Search Sys... | 2 Internet Ex... | 4:13 PM

EL6413543 (New)

Serial Number: C6225357

Model: 700

RE00060347

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413543.__0
FILE DATE AND TIME: 02/15/2003 13:01

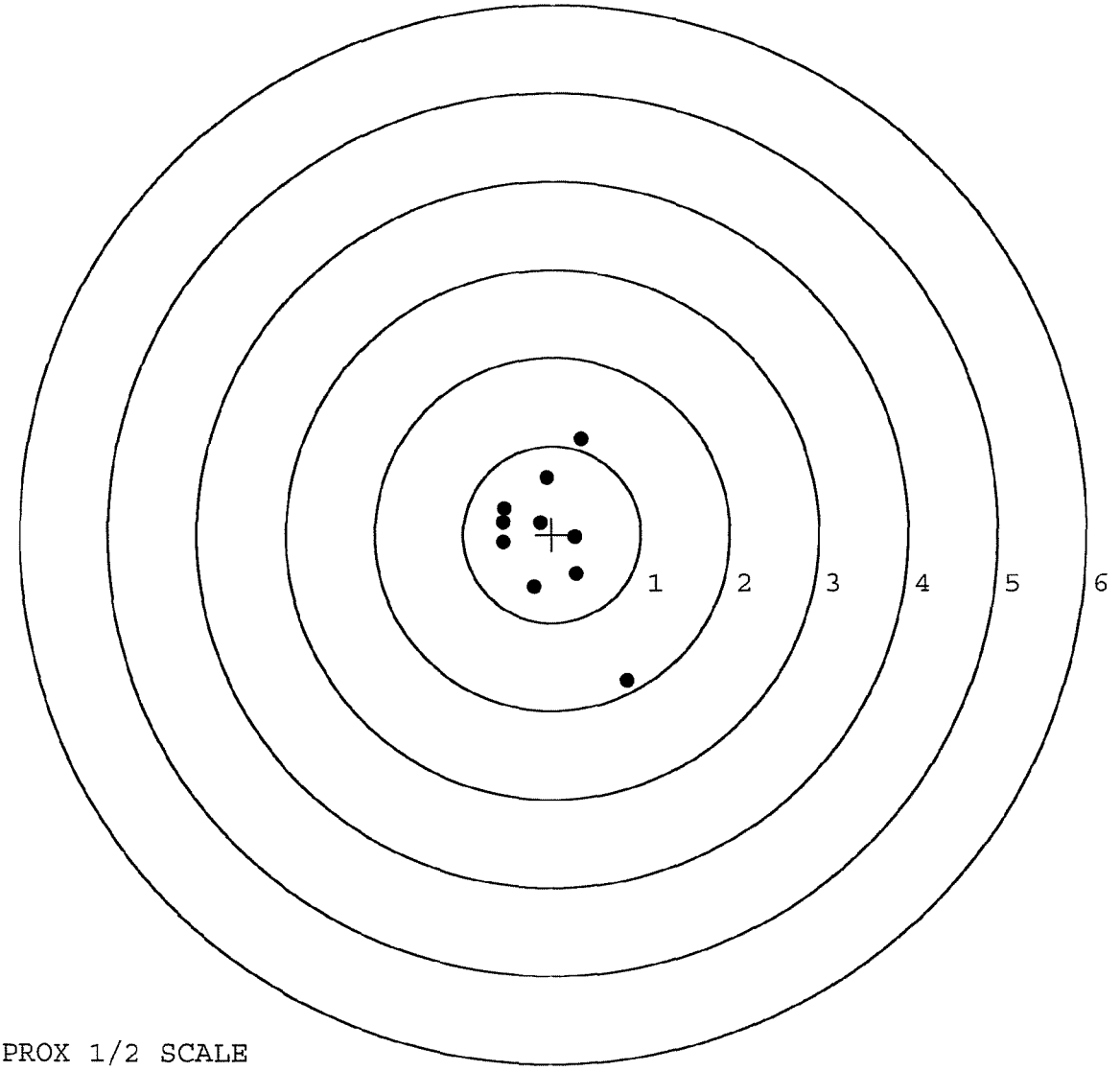
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.040
The Average Y Centroid of the Five Target Set:	0.044
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.825
The Distance from POA to Centroid Target #1:	0.064
The Distance from Centroid Target #2 to Centroid Target #1:	0.083
The Distance from Centroid Target #3 to Centroid Target #1:	0.107
The Distance from Centroid Target #4 to Centroid Target #1:	0.169
The Distance from Centroid Target #5 to Centroid Target #1:	0.288

SERIAL NUMBER: E6413543.__0
TARGET NUMBER: 1
FILE DATE: 02/15/2003
FILE TIME: 13:01

X CENTROID:	-0.034
Y CENTROID:	-0.055
POA TO CENTROID:	0.064
HORZ SPREAD:	1.403
VERT SPREAD:	2.743
GROUP SPREAD:	2.793
MIN RADIUS:	0.221
MAX RADIUS:	1.834
MEAN RADIUS:	0.700
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.848	-1.663
2:	-0.205	-0.595
3:	0.279	-0.450
4:	0.265	-0.033
5:	-0.138	0.140
6:	-0.541	0.291
7:	-0.555	0.137
8:	-0.552	-0.095
9:	-0.062	0.643
10:	0.323	1.080

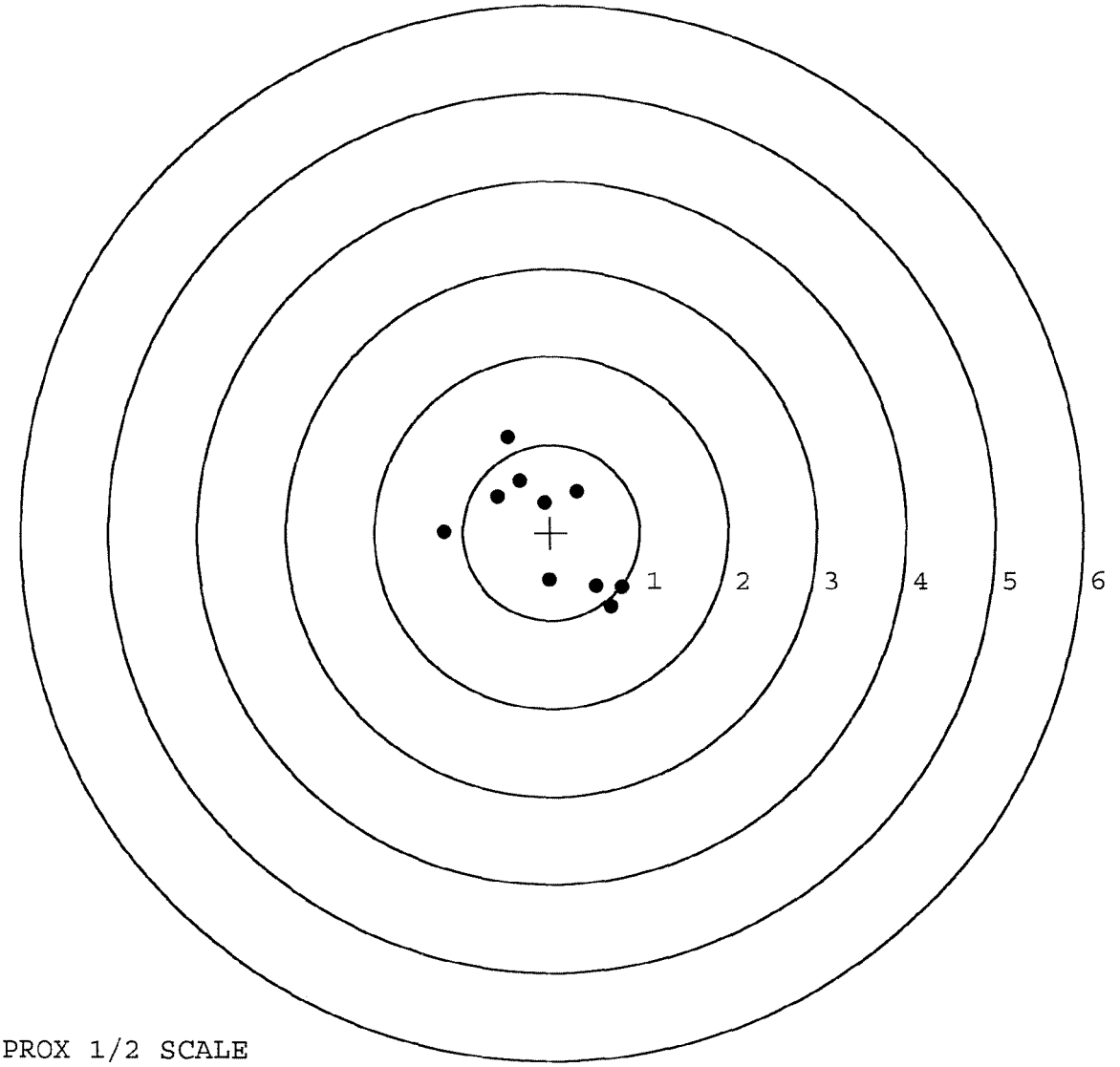


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413543.__0
TARGET NUMBER: 2
FILE DATE: 02/15/2003
FILE TIME: 13:01

X CENTROID:	-0.050
Y CENTROID:	0.026
POA TO CENTROID:	0.056
HORZ SPREAD:	2.014
VERT SPREAD:	1.927
GROUP SPREAD:	2.106
MIN RADIUS:	0.320
MAX RADIUS:	1.163
MEAN RADIUS:	0.814
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.024	-0.544
2:	-1.212	-0.005
3:	-0.612	0.409
4:	-0.355	0.593
5:	-0.497	1.082
6:	-0.078	0.345
7:	0.287	0.467
8:	0.507	-0.615
9:	0.684	-0.845
10:	0.802	-0.622

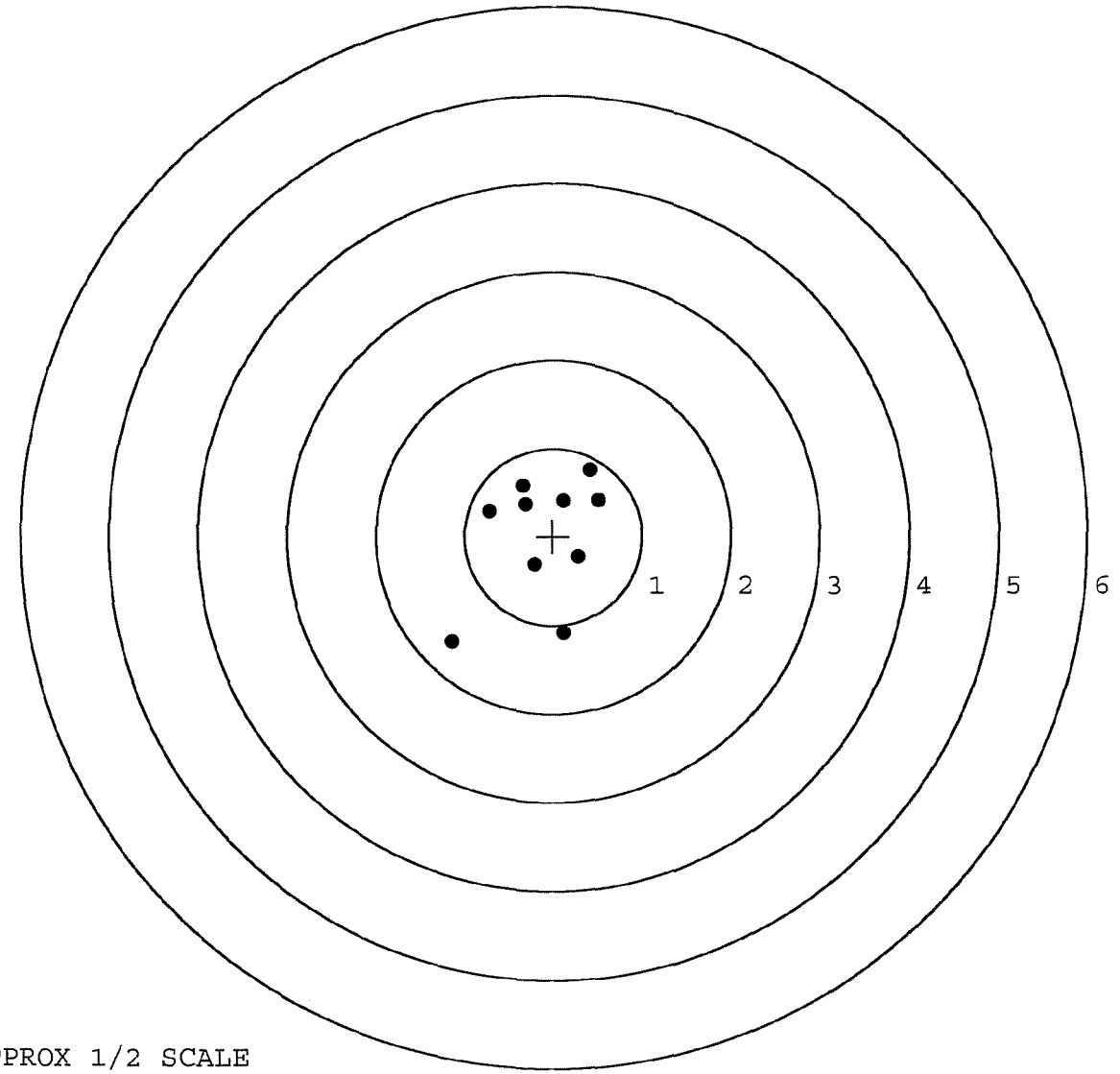


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413543.__0
TARGET NUMBER: 3
FILE DATE: 02/15/2003
FILE TIME: 13:01

X CENTROID:	-0.128
Y CENTROID:	-0.004
POA TO CENTROID:	0.128
HORZ SPREAD:	1.642
VERT SPREAD:	1.946
GROUP SPREAD:	2.487
MIN RADIUS:	0.329
MAX RADIUS:	1.555
MEAN RADIUS:	0.733
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-1.134	-1.189
2:	0.122	-1.090
3:	-0.207	-0.323
4:	0.280	-0.236
5:	0.116	0.406
6:	-0.320	0.364
7:	-0.341	0.574
8:	-0.722	0.286
9:	0.508	0.416
10:	0.414	0.757

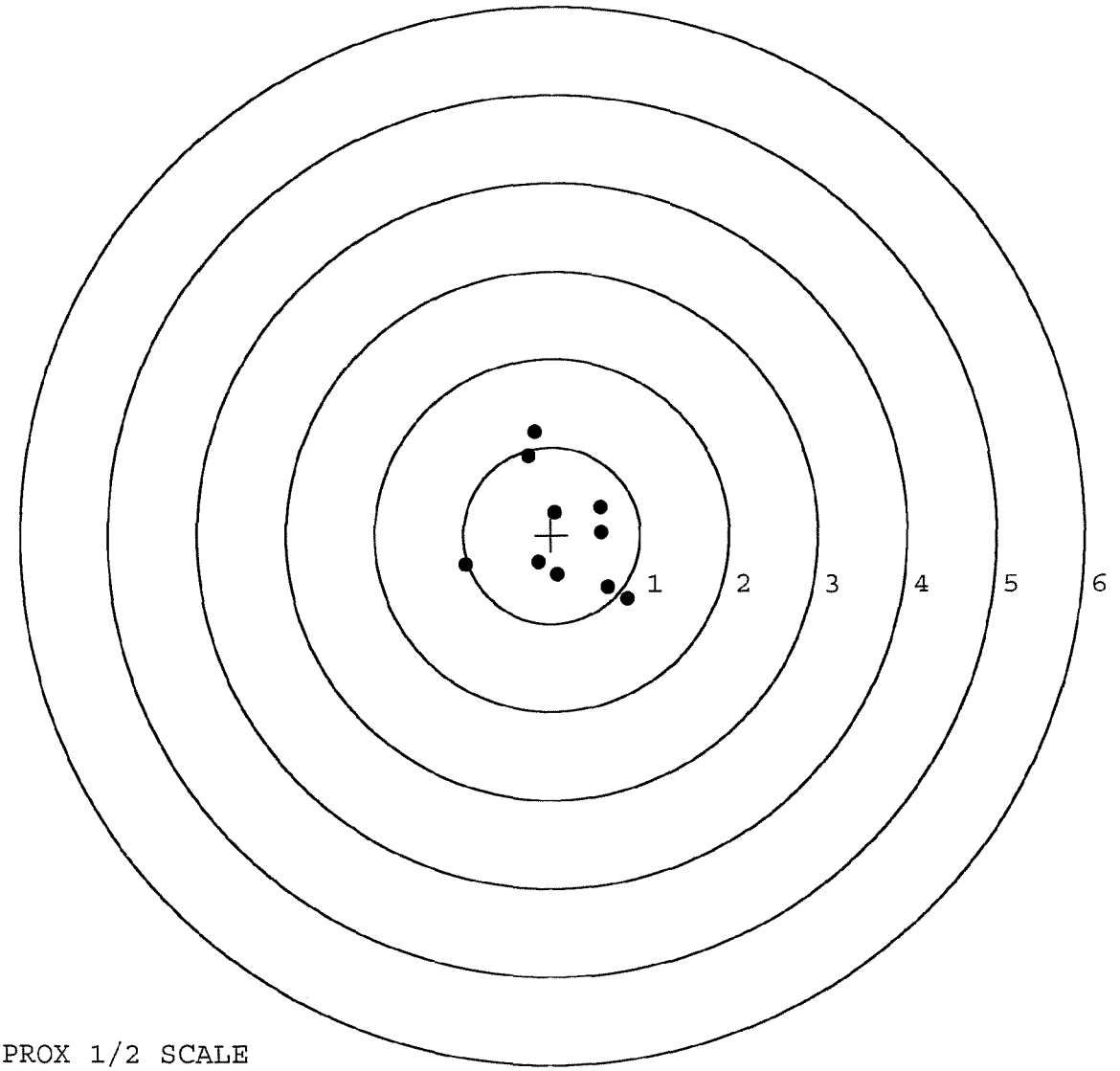


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413543.__0
TARGET NUMBER: 4
FILE DATE: 02/15/2003
FILE TIME: 13:01

X CENTROID:	0.113
Y CENTROID:	0.028
POA TO CENTROID:	0.117
HORZ SPREAD:	1.831
VERT SPREAD:	1.895
GROUP SPREAD:	2.170
MIN RADIUS:	0.239
MAX RADIUS:	1.187
MEAN RADIUS:	0.728
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.859	-0.722
2:	0.634	-0.590
3:	0.566	0.036
4:	0.548	0.323
5:	0.043	0.256
6:	0.069	-0.450
7:	-0.152	-0.310
8:	-0.972	-0.343
9:	-0.264	0.906
10:	-0.199	1.173

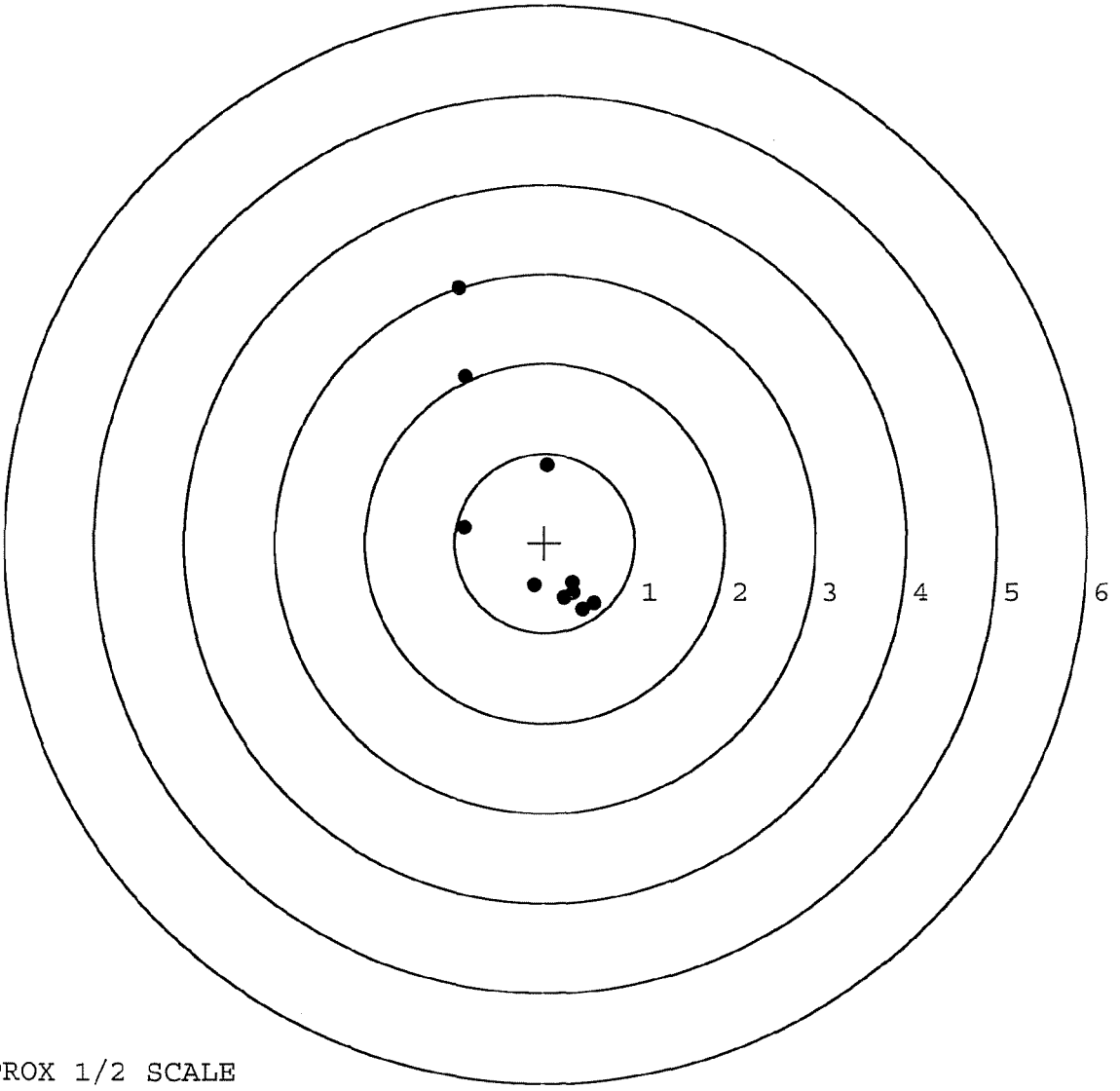


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413543.__0
TARGET NUMBER: 5
FILE DATE: 02/15/2003
FILE TIME: 13:01

X CENTROID:	-0.101
Y CENTROID:	0.225
POA TO CENTROID:	0.247
HORZ SPREAD:	1.517
VERT SPREAD:	3.583
GROUP SPREAD:	3.842
MIN RADIUS:	0.659
MAX RADIUS:	2.756
MEAN RADIUS:	1.149
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.553	-0.676
2:	0.424	-0.741
3:	0.219	-0.607
4:	0.307	-0.440
5:	-0.114	-0.476
6:	-0.894	0.176
7:	0.032	0.870
8:	-0.890	1.857
9:	-0.964	2.842
10:	0.314	-0.555



TARGET APPROX 1/2 SCALE

27

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

R & E NUMBER	60347		
SERIAL NUMBER	~~C6225357~~	E6413543 (New)	
LOG-IN DATE	1-23-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-27-03	RTL
560 A	RE-BARREL	1-27-03	DH
B	DRILL AND TAP	1-27-03	TKW
575	ASSEMBLE	1-27-03	RW
600	PROOF MAGNA - INSPECTED JAN 30 2003	1-27-03	RW
605	CHECK HEADSPACE	1-27-03	RW
610	DIS-ASSEMBLE GUN	1-27-03	RW
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1-30-03	S-D
620	APPLY COATINGS	2-11	TH
625 A	FINAL ASSEMBLY	2-13-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	2-14-03	AC
655	FINAL INSPECT	2-17-03	RW
660	PACK	2-18-03	RH
		SHIP DATE	
	QAR INSPECTION DATE		

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

SERIAL # E6413543 INSPECTED BY: RW

DATE REC'D: 1-23-03 DATE RET'D: 2-18-03

ITEM		ITEM	
BARREL ASSEMBLY		STOCK ASSEMBLY	
✓	BARREL	✓	STOCK
✓	RECEIVER	✓	SLING AWIVEL STUDS
✓	FRONT SIGHT BASE	✓	ADJUSTABLE
✓	REAR SIGHT BASE	✓	BUTT PLATE
✓	SCREWS	✓	LOCK NUTS
✓	FINISH	✓	BARREL CLEARANCE
		✓	COLOR / FINISH
SCOPE ASSEMBLY		SYSTEMS CASE	
✓	SCOPE		SCOPE CASE
✓	SCOPE RINGS		IRON SIGHTS
✓	MOUNTING SCREWS		DEPLOYMENT KIT
✓	MOUNTING BASE		
✓	SCREWS		
✓	FINISH	TRIGGER ASSEMBLY	
✓	CLARITY	✓	SAFETY OPERATION
		✓	RE-SET TO FACTORY SPECS
		COMMENTS:	

Scope 0174

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225357

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 17	89	RW
600	Proof	3 17	89	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		3/21	KCR
	Magnaflux Bolt		3/21	KCR
615	Rollmark Caliber		3/21	GL
617	Drill and Tap Sight Holes			FB
618	Polish Barrel			BT
620	Apply Coatings (Barrel Action)		3/31/89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/7/89	RW
	C) Inspect Ejector Hole for Chamfer		4/7/89	RW
	D) Oil Firing Pin Ass'y		4/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/10/89	JG

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4/10/89	JH
	G) Safety Off Force	3	3	3			4/10/89	JH
	H) Trigger Pull Test & Retainability						4/10/89	B.S.
	I) Firing Pin Indent	.023	.023	.022			4/10/89	JH
	J) Assemble Stock						4/12/89	RW
	K) Assemble Swivel Studs						17 April 89	DS
	L) Attach Front and Rear Sight Assemblies						4/12/89	RW
	M) Iron Sight Alignment						4/12/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/12/89	RW
	O) Attach Scope to Rifle						4/12/89	JH
	P) Detach & Attach Scope 20 Times						4/12/89	JH
640	Gallery Target & Test	5-4 R		100 L			4/14/89	DH
	A) Time						4/14/89	DH
	B) Malfunctions						4/14/89	DH
	C) Pierced Primers						4/14/89	DH
	D) Optical Clearity of Scope						4/14/89	DH
645	Inspect for Live Ammo						4/14/89	DH
655	Final Inspection A) Headspace						17 April 89	DS
	B) Trigger Pull	2.38	2.40	2.13	2.33	2.31	17 April 89	DS
	C) Function						17 April 89	DS
660	Pack						21 June 89	DS

SWS TRIGGER PULL TEST

5357

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. ~~C622540~~

DATE 25 April 89

TESTER DS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.33	2.27	2.54	MIN. SETTING,
PULL #2	2.35	2.23	2.32	2.59	NO AVG. OF 5
PULL #3	2.16	2.45	2.58	2.66	READINGS ACCEPT-
PULL #4	2.46	2.28	2.65	2.60	ABLE LESS THAN 2#
PULL #5	2.35	2.37	2.69	2.75	
TOTAL	11.62	11.66	12.51	13.04	
AVG.	2.324	2.332	2.502	2.608	

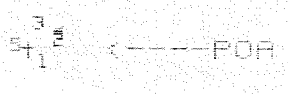
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.14		
PULL #2	3.09	3.25		
PULL #3	3.08	3.12		
PULL #4	3.13	3.18		
PULL #5	3.17	3.32		
TOTAL	15.65	16.01		
AVG.	3.13	3.202		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	3.99		4.05
PULL #2	4.11	4.15		4.21
PULL #3	4.08	4.09		4.23
PULL #4	4.18	4.00		4.15
PULL #5	4.18	4.17		4.32
TOTAL	20.75	20.40		20.96
AVG.	4.15	4.08		4.192

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225357
17 Apr 1989

CENTROIDAL DISTANCES

0	TO	1	.347023
1	TO	2	.508254
1	TO	3	.705995
1	TO	4	.623654
1	TO	5	.581509

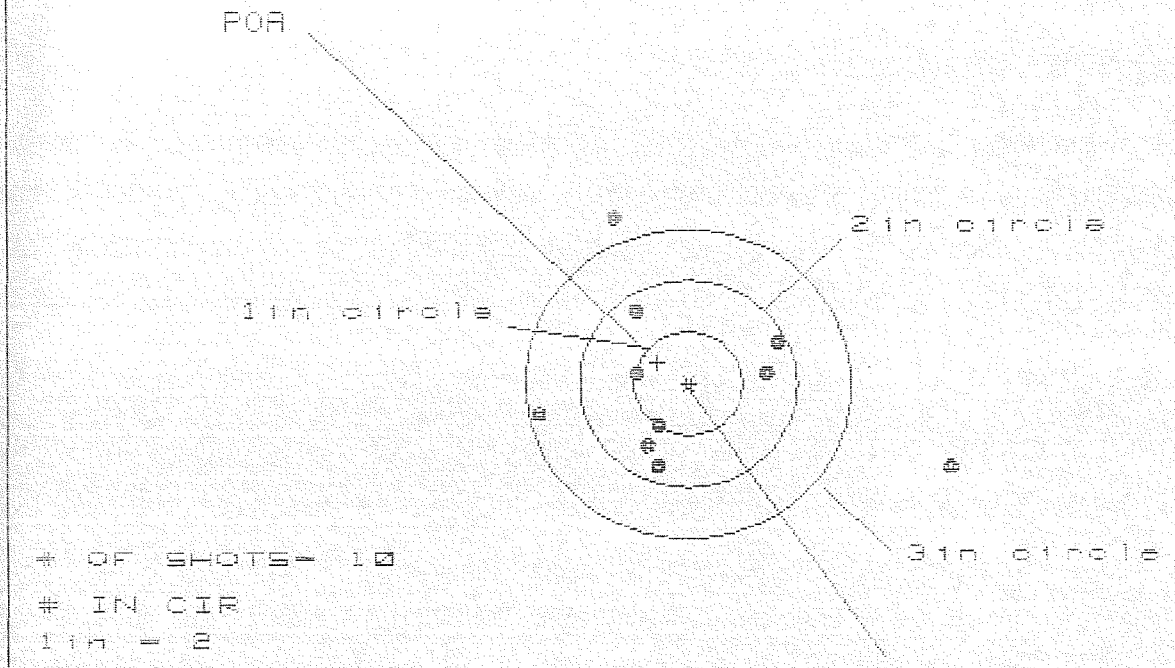


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2856
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1822
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .338769

THE AMR FOR THIS RIFLE IS: .8698

14 Apr 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225357

CENTERFIRE PATTERNS # 1



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 7
3in = 8
HS= 3.760
VS= 2.439
CS= 3.854

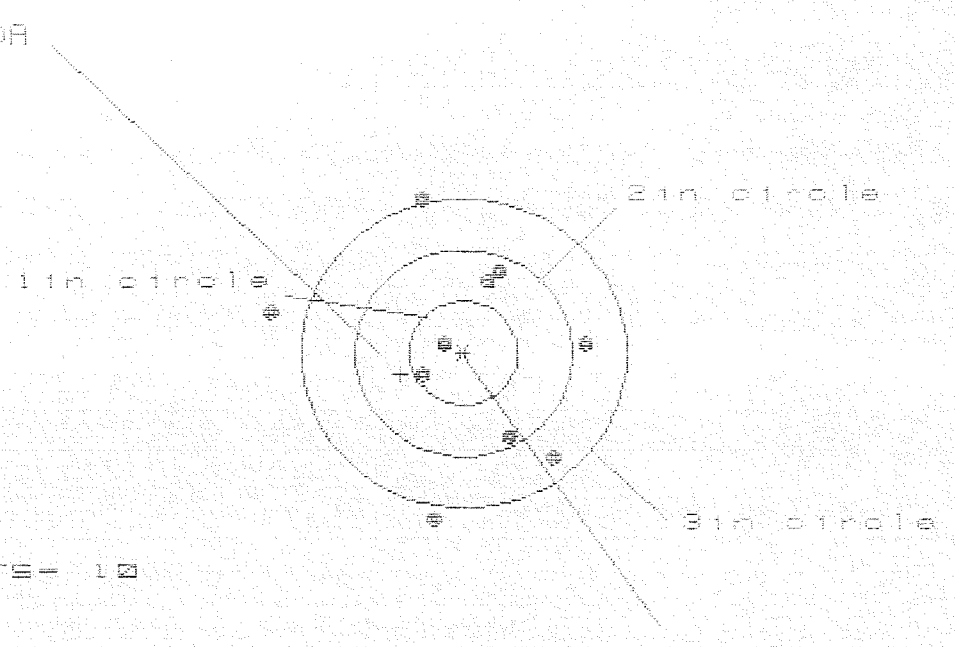
PATTERN # : 1

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.371	1.044	.995
MINIMUM X	:	-1.389	-1.125	-1.174
MAXIMUM Y	:	1.650	1.567	.786
MINIMUM Y	:	-.789	-.872	-.676
CENTROID X	:	.280	.016	.065
CENTROID Y	:	-.205	-.122	-.318
POA TO CENTROID in.	:	.347	.123	.325
MIN RADIUS	:	.446	.177	.287
MEAN RADIUS	:	1.054	.857	.731
MAX RADIUS	:	2.485	1.614	1.194
HORIZONTAL SPREAD	:	3.760	2.169	2.169
VERTICAL SPREAD	:	2.439	2.439	1.462
EXTREME SPREAD	:	3.854	2.469	2.277

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 8

14 Apr 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C0225357

CENTERFIRE PATTERNS # 2



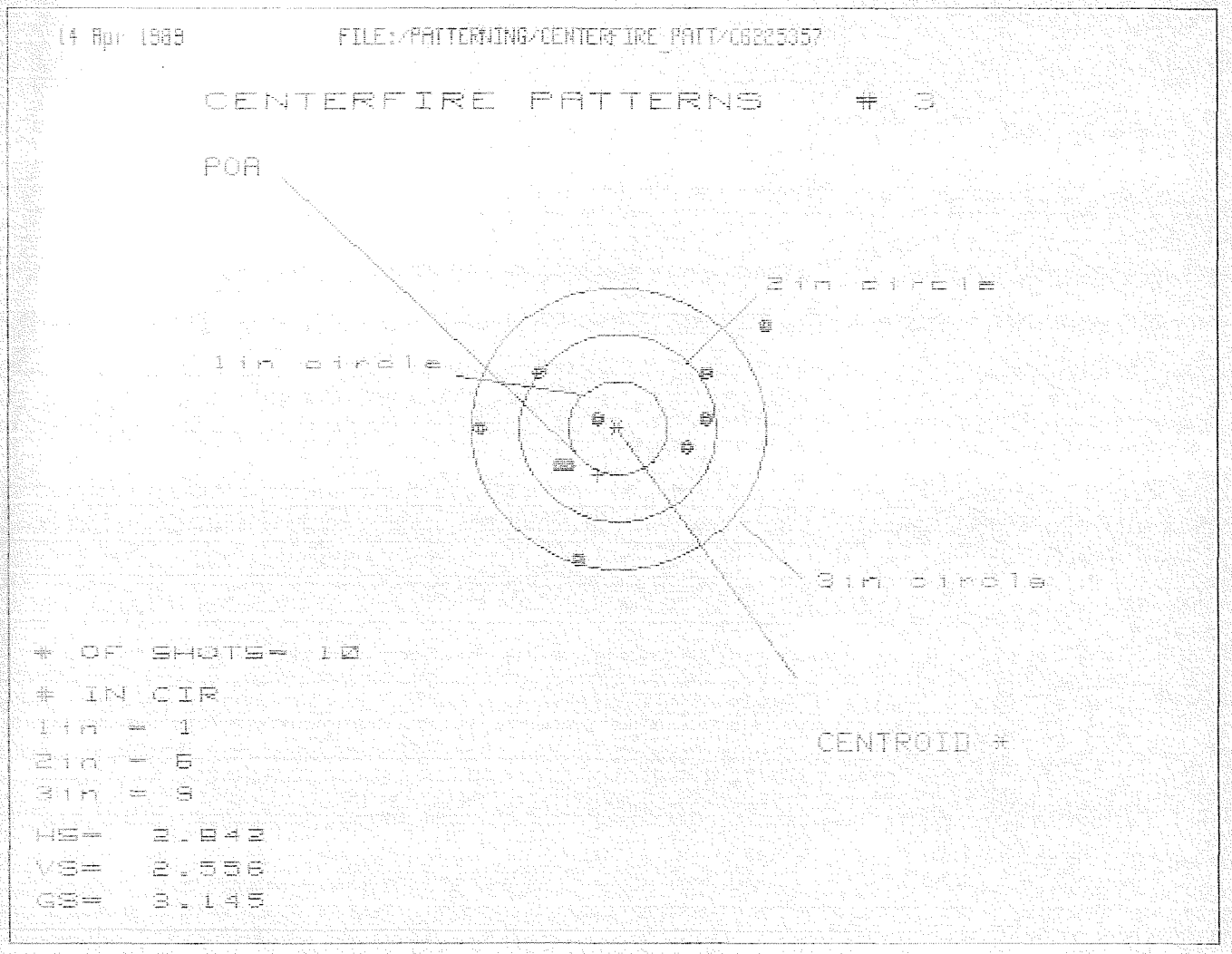
OF SHOTS= 10

# IN CIR	
1in	= 2
2in	= 5
3in	= 7

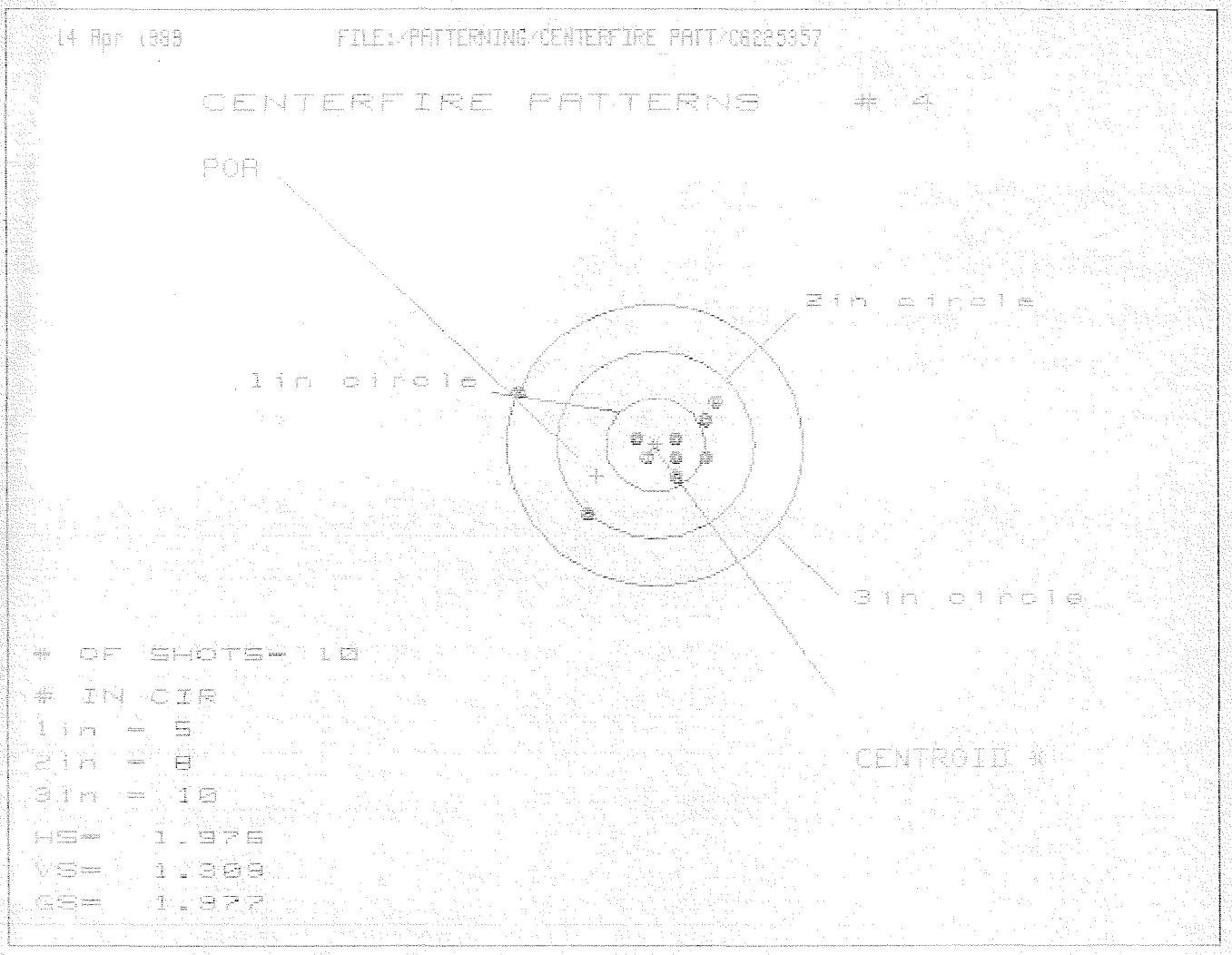
HS= 2.860
VS= 3.153
GS= 3.154

PATTERN # : 2

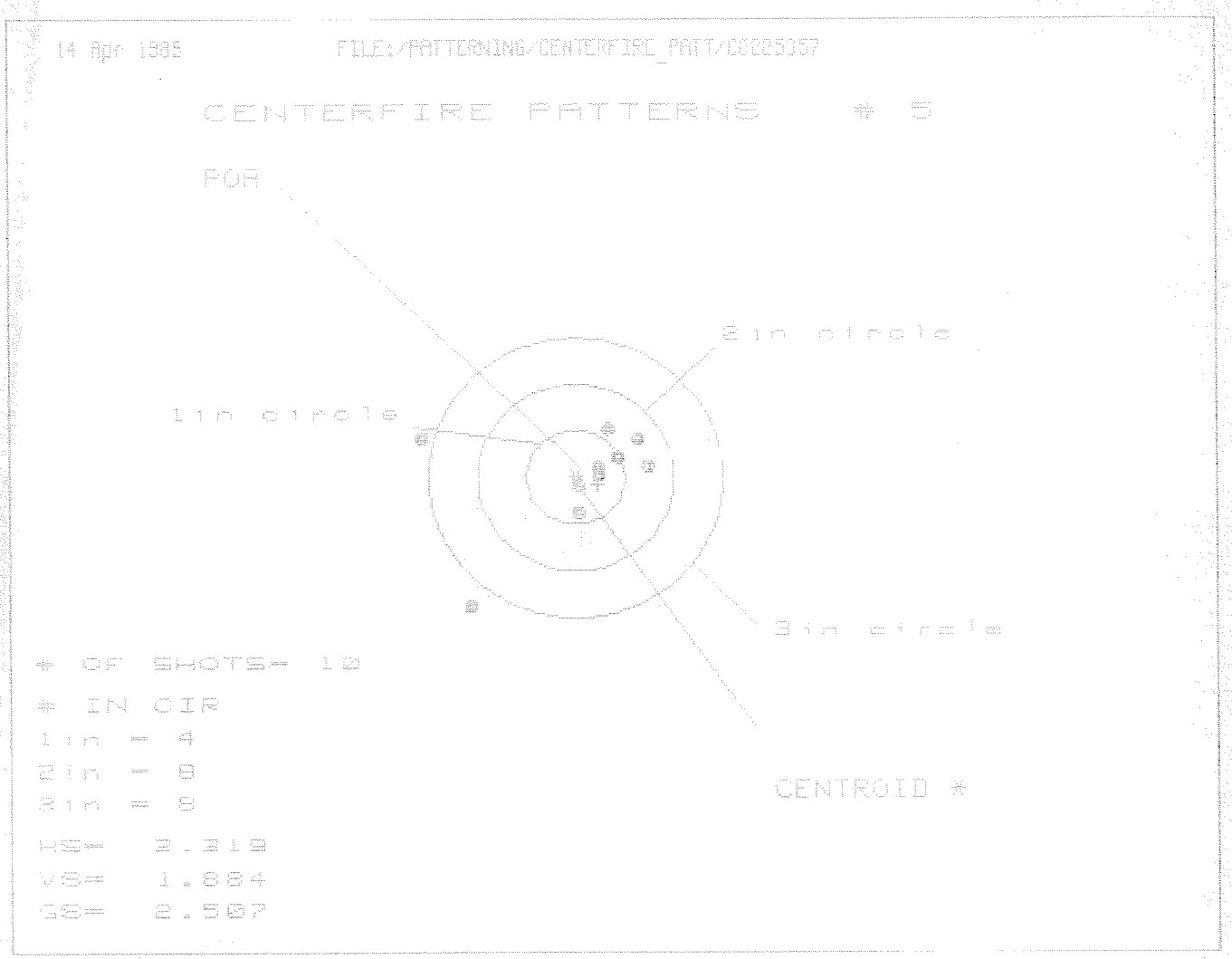
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.107	.912	.855
MINIMUM X	:	-1.753	-.525	-.582
MAXIMUM Y	:	1.536	1.585	1.389
MINIMUM Y	:	-1.617	-1.568	-1.163
CENTROID X	:	.579	.774	.831
CENTROID Y	:	.206	.157	.353
POA TO CENTROID in.	:	.614	.789	.903
MIN RADIUS	:	.174	.372	.411
MEAN RADIUS	:	1.035	.950	.848
MAX RADIUS	:	1.808	1.669	1.506
HORIZONTAL SPREAD	:	2.860	1.437	1.437
VERTICAL SPREAD	:	3.153	3.153	2.552
EXTREME SPREAD	:	3.154	3.154	2.779
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.474	1.064	1.040
MINIMUM X	:	-1.368	-1.204	-1.228
MAXIMUM Y	:	1.134	.776	.614
MINIMUM Y	:	-1.422	-1.296	-.480
CENTROID X	:	.205	.041	.065
CENTROID Y	:	.497	.371	.533
POA TO CENTROID in.	:	.538	.374	.537
MIN RADIUS	:	.256	.215	.112
MEAN RADIUS	:	1.004	.878	.816
MAX RADIUS	:	1.860	1.311	1.229
HORIZONTAL SPREAD	:	2.842	2.268	2.268
VERTICAL SPREAD	:	2.556	2.072	1.094
EXTREME SPREAD	:	3.145	2.375	2.343
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.615	.464	.357
MINIMUM X	:	-1.361	-.855	-.446
MAXIMUM Y	:	.553	.540	.453
MINIMUM Y	:	-.756	-.695	-.353
CENTROID X	:	.592	.743	.850
CENTROID Y	:	.335	.274	.361
POA TO CENTROID in.	:	.680	.792	.923
MIN RADIUS	:	.139	.064	.022
MEAN RADIUS	:	.557	.412	.312
MAX RADIUS	:	1.469	1.102	.577
HORIZONTAL SPREAD	:	1.976	1.310	.803
VERTICAL SPREAD	:	1.309	1.235	.806
EXTREME SPREAD	:	1.977	1.307	.908
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.737	.614	.401
MINIMUM X	:	-1.582	-1.705	-.337
MAXIMUM Y	:	.503	.349	.387
MINIMUM Y	:	-1.381	-.503	-.465
CENTROID X	:	-.228	-.105	.108
CENTROID Y	:	.078	.232	.194
POA TO CENTROID in.	:	.241	.254	.222
MIN RADIUS	:	.102	.143	.089
MEAN RADIUS	:	.659	.528	.315
MAX RADIUS	:	1.772	1.732	.574
HORIZONTAL SPREAD	:	2.319	2.319	.737
VERTICAL SPREAD	:	1.884	.852	.852
EXTREME SPREAD	:	2.507	2.349	.999
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/ULTRA 10X-M3A SCOPE M-24 Scope # 0124

ORDER: R 95-16535

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/13/95	06/14/95	AJ 3-89	C6225357		700 7.62 NATO

ACCESSORIES: HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING GA 31905

SHIP TO:

SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING GA 31905

CUST NO: 080509 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE	PROM. DATE	ESTIMATED	VIA
		☐			UPS

GUN CONDITION
- ☑ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.	New Bolt	B4			E2	F2
BARREL ASSY.	New Barrel			D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT: Barrel Shot Out, Bolt Damaged

PARTS:

Barrel — 96003
Bolt — 96005

W52H095T72H235

COMMENTS:

Repowder Coat Trigger Guard Assy, Front & Rear Sight Bases
Rezinc - Scope Base, Rings & Swivel Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
RW	6/21/95	6/24/95	6/27/95	6/22/95	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400083782

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics.

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
C Co 2/9 IN Regt. USARSS	7.62 M24 SWS

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C6225357			10,000		3 MAY	D

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-1005-306-10	11 MAY 90		

COLUMN a — Enter TM item number.

COLUMN b — Enter the applicable condition status symbol.

COLUMN c — Enter deficiencies and shortcomings.

COLUMN d — Show corrective action for deficiency or shortcoming listed in Column c.

COLUMN e — Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X"—Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X"—Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)"—Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)"—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists.

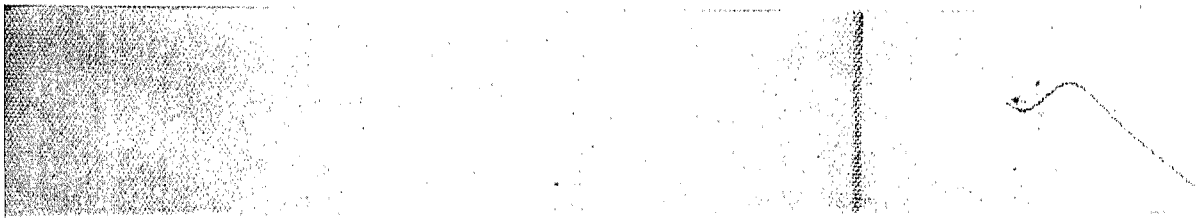
FOR AIRCRAFT-Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE *(Person(s) performing inspection)*	8b. TIME	9a. SIGNATURE *(Maintenance Supervisor)*	9b. TIME	10. MANHOURS REQUIRED
[signature]	1524			

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
	X	Bolt Face IAW TM		
	\	Barrel Shot out		
	\	Barrel Marked		

DA FORM 2404 1 APR 79 — Replaces edition of 1 Jan 64, which will be used



MAINTENANCE REQUEST

For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG

PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL
1	1	CSGLD - 1047(R1)

SECTION I - EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NO.	WESDC	ORG. PD	PD AUTHENTICATION
			03	

- [x] Work Request
- [ ] MWO
- [ ] Warranty Claim

1A. ORGANIZATION	B. LOCATION	C. UNIT IDENT CODE
C Co 2/29 IN. Regt. USASS	FT BENNING GA. 31905	

2. SERIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER
C6225357	RIFLE SNIPER	R95387	M24	1005012402256

7A. MAINTENANCE ACTIVITY	B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS

14. FAILURE DETECTED DURING *(Select one - use ✓ or X)*

- [ ] A Sch. Main.
- [ ] B Handling
- [ ] C Test
- [ ] D Normal Op
- [ ] E Storage
- [ ] F Inspection
- [ ] G Flight
- [ ] H Other

15. FIRST INDICATION OF TROUBLE *(Select one - use ✓ or X)*

- [ ] 068 Inoperative
- [ ] 008 Noisy
- [ ] 258 Overheating
- [ ] 387 Low Performance
- [ ] 790 Out of Adjustment
- [x] Other

16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM *(Do not prescribe repairs).*

SEE ATTACHED DA 2404

B. REMARKS

LOC PC ALLEN (100) 544-6006 Jan 93.

SECTION II - WORK ACCOMPLISHED

17A. REPAIR ORGANIZATION/ACTIVITY	C. UNIT IDENT. CODE	18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK *(Select one - use ✓ or X)*	19. AMS ACCT. CODE
B. LOCATION		[ ] 1 TOE [ ] 2 TD [ ] 3 Contractor	

20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO. (1) CB CODE	(2) REF DESIGN	(3) MFR. CODE	D. MANHOURS *(Hrs. & tenths)*	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$

I. TOTAL MANHOURS	J. TOTAL MANHOURS COST	K. TOTAL PARTS COST
	$	$

21. DELAY *(Select One)* [ ] 1 Parts [ ] 2 Manpower [ ] 3 Facilities [ ] 4 Funds [ ] 5 Tools

22. [ ] Data Transcribed

23. SUBMITTED BY	24. RECEIVED BY	25. WORK STARTED BY	26. INSPECTED BY	27. ACCEPTED BY
JULIAN DATE 157	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE

28. DISPOSITION *(Select One)*

- [ ] A To User
- [ ] B To Stock
- [ ] C Salvaged
- [ ] D Evacuated
- [ ] E Cannibalization

New Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225357

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		6/21/95	RW
600	Proof		6/21/95	RW
607	Check Headspace		6/21/95	RW
610	Dis-assemble Gun		6/21/95	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/24/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/24/95	RW
	C) Inspect Ejector Hole for Chamfer		6/24/95	RW
	D) Oil Firing Pin Ass'y		6/24/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		6/27/95	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clearity of Scope			
645	Inspect for Live Ammo		6/27/95	RW
655	Final Inspection A) Headspace		6/27/95	RW
	B) Trigger Pull		6/27/95	RW
	C) Function		6/27/95	RW
660	Pack			

SWS/Repair

Final Inspection

Sn: C6225357 | Date Rec'd: 6/13/95 | Date Ret'd:

Auditor: RW

Item:
Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Item:
Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Scope Assy.
- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Systems Case
- ✓ Scope Case
- ✓ Iron Sights
- ___ Deployment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Comments: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225357
11 Jul 1995

CENTROIDAL DISTANCES

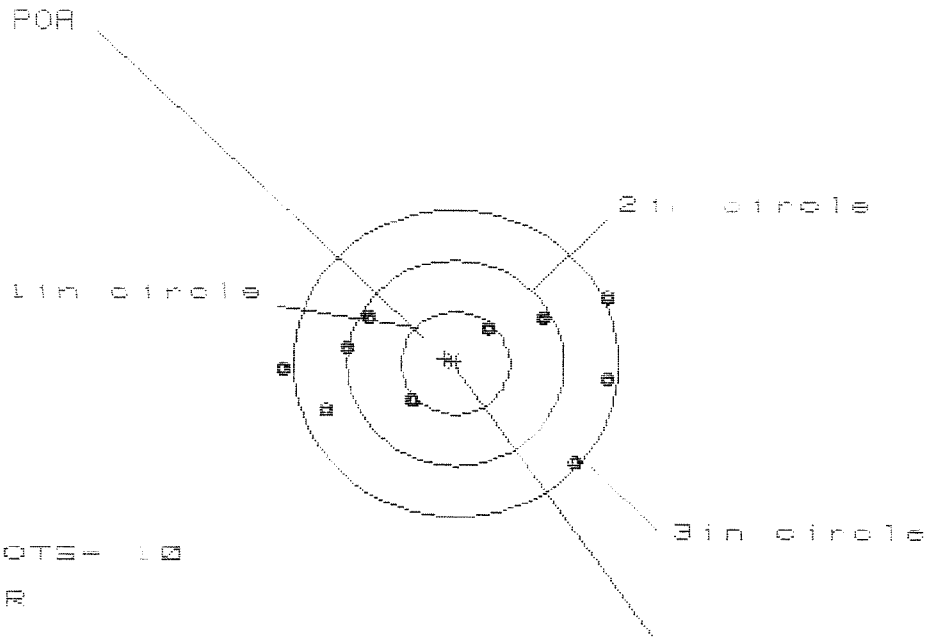
0	TO	1	.108337
1	TO	2	.345012
1	TO	3	.588486
1	TO	4	.070404
1	TO	5	.161003

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0222
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1832
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .18454

THE AMR FOR THIS RIFLE IS: .9734

J Jul 1995 FILE:/PATTERNING/CENTERFIRE_PATT/C6225357

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 3.081

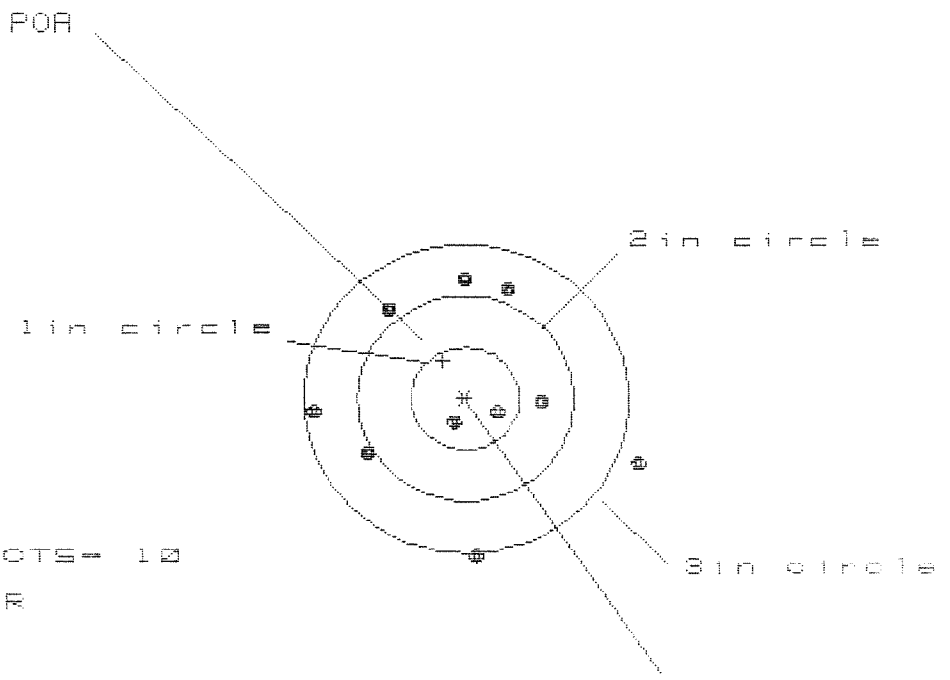
VS= 1.554

GS= 3.145

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.444	1.262	1.358
MINIMUM X	:	-1.637	-1.396	-1.238
MAXIMUM Y	:	.595	.591	.559
MINIMUM Y	:	-.959	-.963	-.889
CENTROID X	:	.099	.281	.123
CENTROID Y	:	-.044	-.040	-.113
POA TO CENTROID in.	:	.108	.284	.167
MIN RADIUS	:	.507	.404	.544
MEAN RADIUS	:	1.130	1.066	1.017
MAX RADIUS	:	1.637	1.467	1.426
HORIZONTAL SPREAD	:	3.081	2.658	2.596
VERTICAL SPREAD	:	1.554	1.554	1.449
EXTREME SPREAD	:	3.145	2.855	2.608
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Jul 1995 FILE:/PATTERNING/CENTERFIRE_PATT/C6225357

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

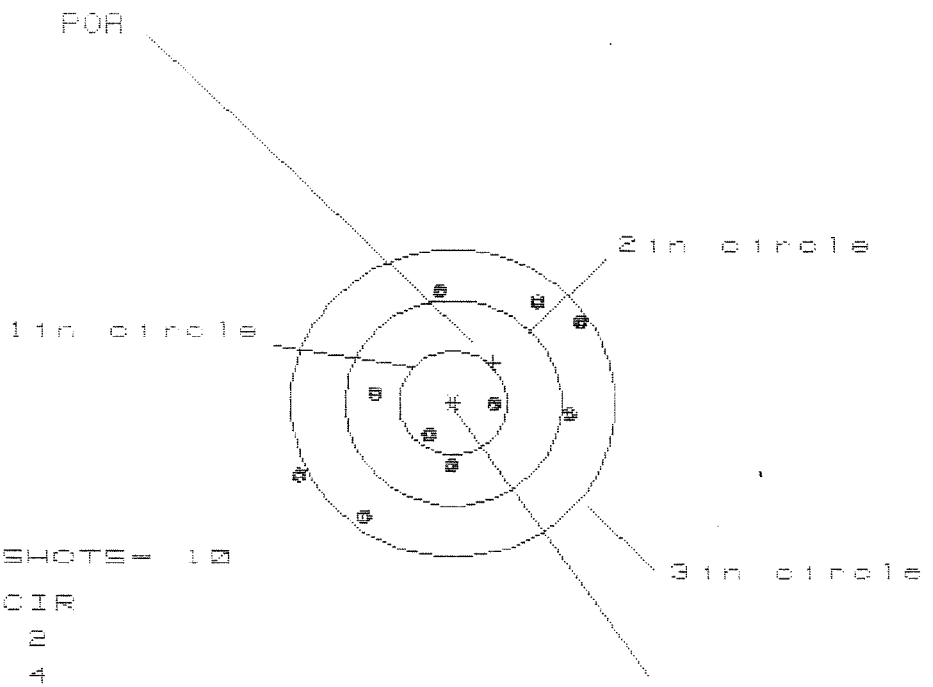
# IN CIR
1in = 2
2in = 3
3in = 9

HS= 2.995
VS= 2.617
GS= 3.041

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.571	.865	.905
MINIMUM X	:	-1.424	-1.250	-1.210
MAXIMUM Y	:	1.134	1.065	.871
MINIMUM Y	:	-1.483	-1.552	-.777
CENTROID X	:	.206	.032	-.008
CENTROID Y	:	-.372	-.303	-.109
POA TO CENTROID in.	:	.425	.304	.109
MIN RADIUS	:	.280	.311	.508
MEAN RADIUS	:	1.036	.965	.889
MAX RADIUS	:	1.690	1.584	1.263
HORIZONTAL SPREAD	:	2.995	2.115	2.115
VERTICAL SPREAD	:	2.617	2.617	1.648
EXTREME SPREAD	:	3.041	2.624	2.199
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

01 Jul 1995 FILE:/PATTERNING/CENTERFIRE_PATT/C8225357

CENTERFIRE PATTERNS # 3

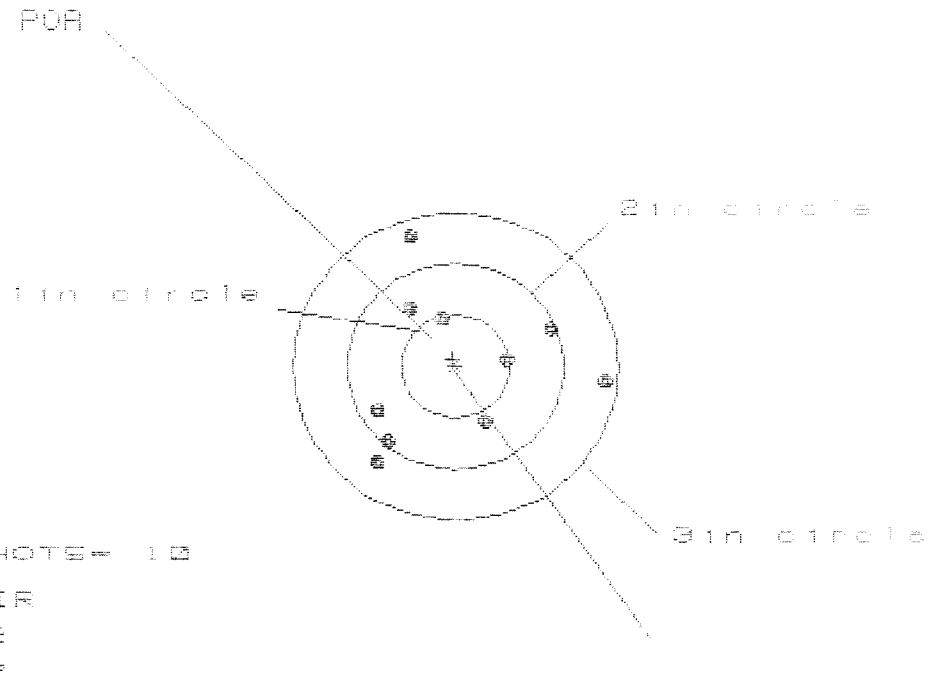


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 4
3in = 9
HS= 2.616
VS= 2.230
GS= 3.026

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.198	1.040	1.043
MINIMUM X	:	-1.418	-.957	-.827
MAXIMUM Y	:	1.101	1.022	1.114
MINIMUM Y	:	-1.129	-1.208	-1.116
CENTROID X	:	-.377	-.219	-.349
CENTROID Y	:	-.390	-.311	-.403
POA TO CENTROID in.	:	.542	.381	.583
MIN RADIUS	:	.364	.243	.385
MEAN RADIUS	:	1.010	.938	.881
MAX RADIUS	:	1.586	1.541	1.389
HORIZONTAL SPREAD	:	2.616	1.997	1.870
VERTICAL SPREAD	:	2.230	2.230	2.230
EXTREME SPREAD	:	3.026	2.784	2.654
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

01 Jul 1995 FILE:/PATTERNING/CENTERFIRE_PATT/C6225357

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR	
1in	= 2
2in	= 7
3in	= 10

HS= 2.078
VS= 2.191
GS= 2.280

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.385	.981	.952
MINIMUM X	:	-.693	-.539	-.568
MAXIMUM Y	:	1.277	1.258	.692
MINIMUM Y	:	-.914	-.933	-.776
CENTROID X	:	.023	-.131	-.102
CENTROID Y	:	-.067	-.048	-.205
POA TO CENTROID in.	:	.071	.139	.229
MIN RADIUS	:	.453	.449	.573
MEAN RADIUS	:	.877	.812	.746
MAX RADIUS	:	1.395	1.279	1.083
HORIZONTAL SPREAD	:	2.078	1.520	1.520
VERTICAL SPREAD	:	2.191	2.191	1.467
EXTREME SPREAD	:	2.286	2.212	1.990
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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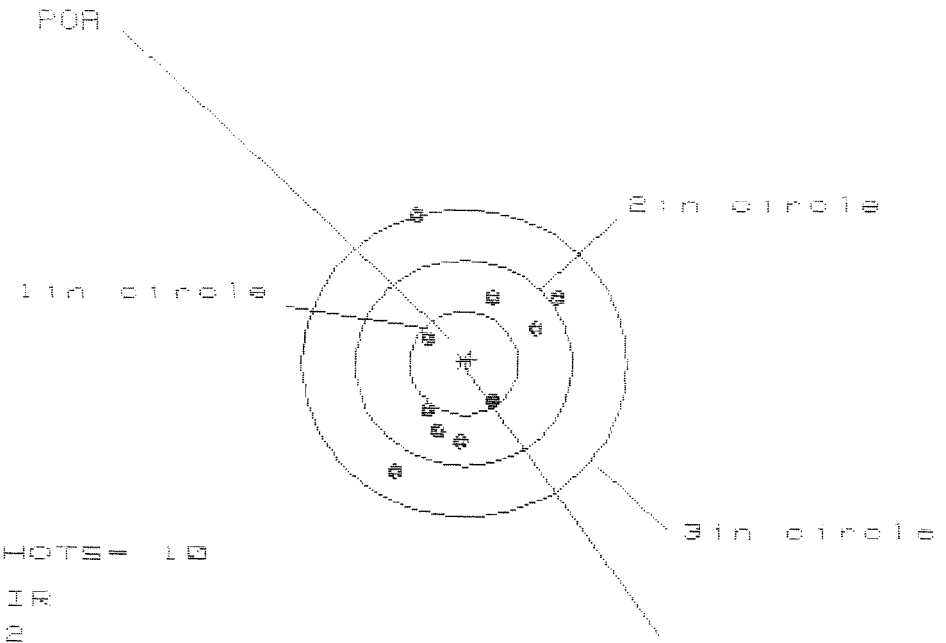
CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 7
3in = 9

HS= 1.526
VS= 2.440
GS= 2.445

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.891	.838	.752
MINIMUM X	:	-.635	-.688	-.503
MAXIMUM Y	:	1.433	.845	.739
MINIMUM Y	:	-1.007	-.848	-.695
CENTROID X	:	-.062	-.009	.077
CENTROID Y	:	-.043	-.202	-.096
POA TO CENTROID in.	:	.075	.202	.123
MIN RADIUS	:	.405	.330	.366
MEAN RADIUS	:	.814	.712	.671
MAX RADIUS	:	1.509	1.190	1.055
HORIZONTAL SPREAD	:	1.526	1.526	1.255
VERTICAL SPREAD	:	2.440	1.693	1.434
EXTREME SPREAD	:	2.445	2.279	1.726
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	