G 646 16 42
Replaced
C-6498752

07/12/07 08:02:07

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: RE00131267
Verify Repair
Serial: G6461642 Model M24 SWS Center Fire
Repairman:
Status: Closed 7/11/2007 1:45:58 PM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	TRANSPORTATION DIVISION DFEL		TRANSPORTATION 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
A057	Frt and Rear Sgt Base	2

Repair Search | Refresh | Close

naglet | 7/12/2007 | 8:02 AM | CAPS | NUM | INS | SCRL

start | 5 Micro... | 4 Inter... | 5 Micro... | 2 SAP L... | Arms Ser... | 8:02 AM

Serial Number: G6461642
Model: M24 SWS
RE00131267

New Bipod

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION				2. NOMENCLATURE AND MODEL		
C. Co. 2/29 INF (Sniper School)				M-24 SWS		
3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
G6461642/890033			5800		20 JUN 07	PMCS

7. APPLICABLE REFERENCE			
TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-1005-306-10	13 June 2003		

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 material 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] Hughes, Martin J. J.	0945			

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1	/	Bolt Release button sticks.		
2	/	Stock rear swivel screw is stripped		
2	/	Front and rear swivel and swivel screws are missing		
2	X	Front and Rear guard screws are stripped.		
2	X	Bipod leg is broke.		
3	X	Barrel has exceeded acceptable round count.		
8	X	Front and rear scope mounts are missing.		
8	/	All 3 day optic sight adj. dial dust covers are missing.		
8	/	Front and rear day optic sight dust covers are missing.		

DA FORM 2404, APR 1979 — Replaces edition of 1 Jan 64, which will be used — APD PE v1.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461642.__0
FILE DATE AND TIME: 08/17/2007 10:13

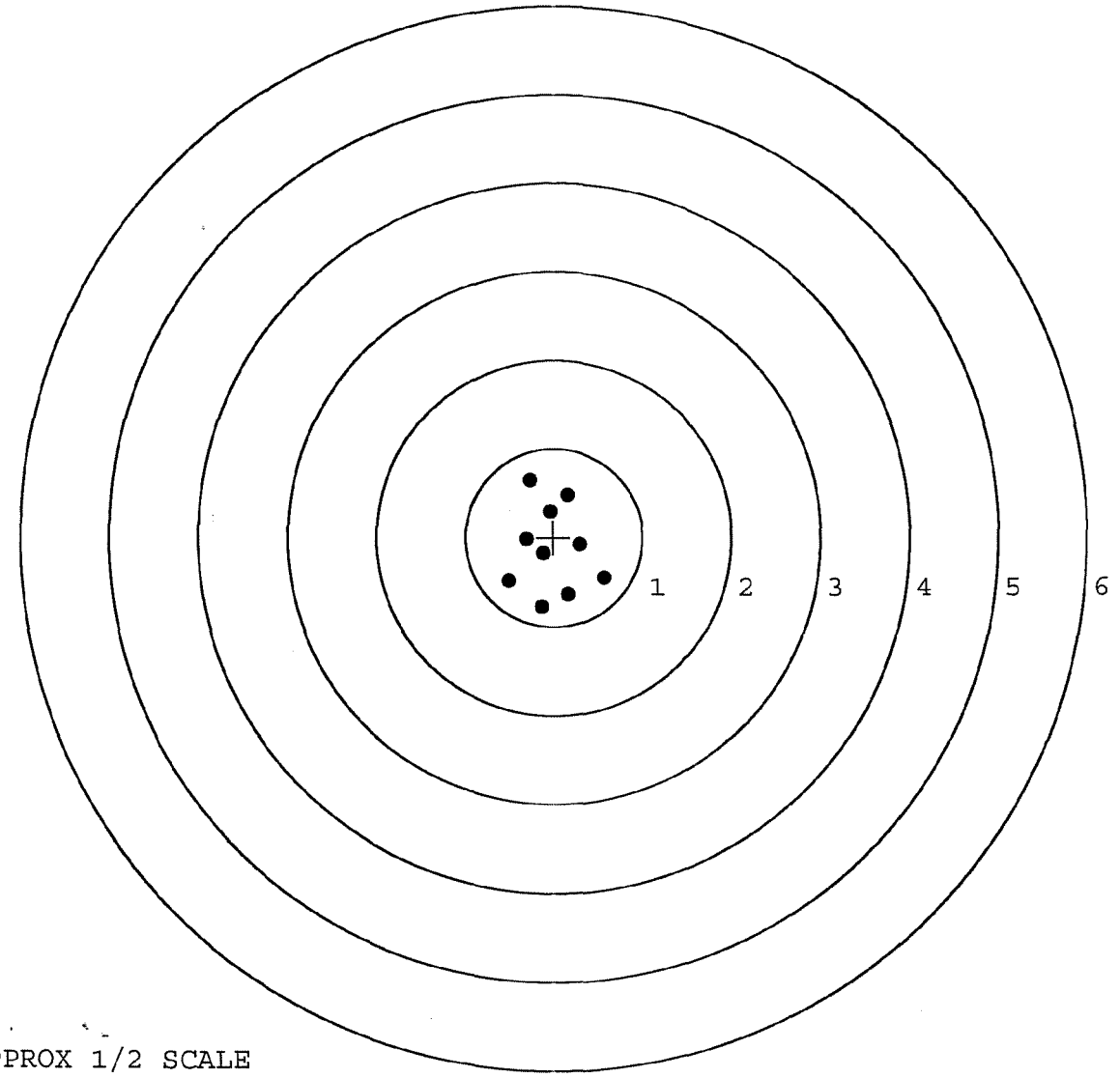
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.027
The Average Y Centroid of the Five Target Set:	0.104
The Average Point of Impact of the Five Target Set:	0.108
The Average Mean Radius of the Five Target Set:	0.670
The Distance from POA to Centroid Target #1:	0.126
The Distance from Centroid Target #2 to Centroid Target #1:	0.529
The Distance from Centroid Target #3 to Centroid Target #1:	0.296
The Distance from Centroid Target #4 to Centroid Target #1:	0.062
The Distance from Centroid Target #5 to Centroid Target #1:	0.554

SERIAL NUMBER: G6461642.__0
TARGET NUMBER: 1
FILE DATE: 08/17/2007
FILE TIME: 10:13

X CENTROID:	-0.019
Y CENTROID:	-0.125
POA TO CENTROID:	0.126
HORZ SPREAD:	1.081
VERT SPREAD:	1.425
GROUP SPREAD:	1.431
MIN RADIUS:	0.112
MAX RADIUS:	0.808
MEAN RADIUS:	0.510
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.572	-0.449
2:	0.165	-0.644
3:	-0.138	-0.782
4:	0.298	-0.082
5:	-0.115	-0.183
6:	-0.509	-0.493
7:	-0.311	-0.021
8:	-0.043	0.291
9:	0.158	0.474
10:	-0.271	0.643

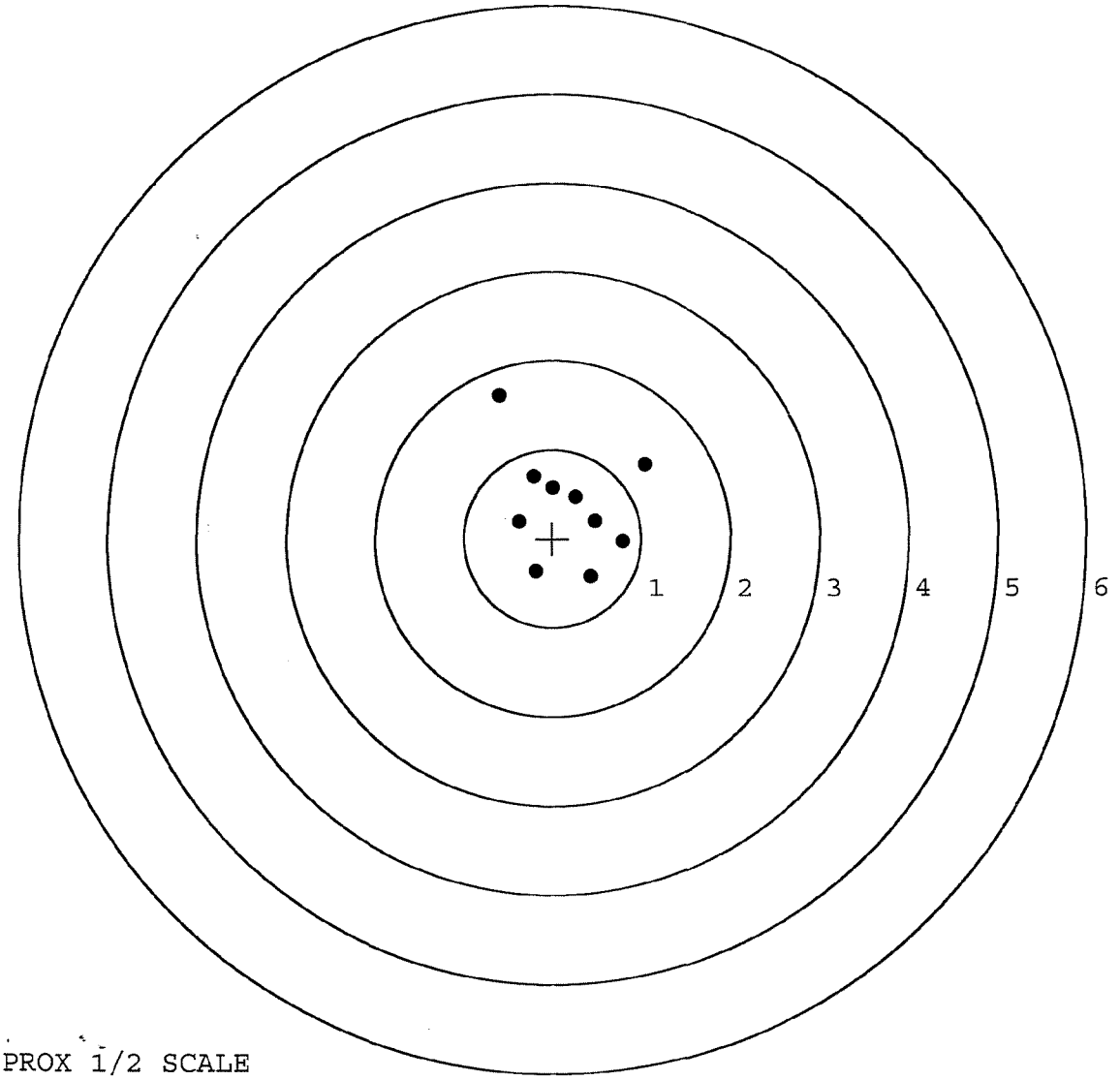


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461642.__0
TARGET NUMBER: 2
FILE DATE: 08/17/2007
FILE TIME: 10:13

X CENTROID:	0.159
Y CENTROID:	0.374
POA TO CENTROID:	0.406
HORZ SPREAD:	1.640
VERT SPREAD:	2.032
GROUP SPREAD:	2.281
MIN RADIUS:	0.137
MAX RADIUS:	1.447
MEAN RADIUS:	0.670
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.431	-0.430
2:	0.797	-0.038
3:	0.476	0.194
4:	0.256	0.470
5:	-0.006	0.575
6:	-0.217	0.703
7:	-0.384	0.189
8:	-0.188	-0.369
9:	1.034	0.840
10:	-0.606	1.602

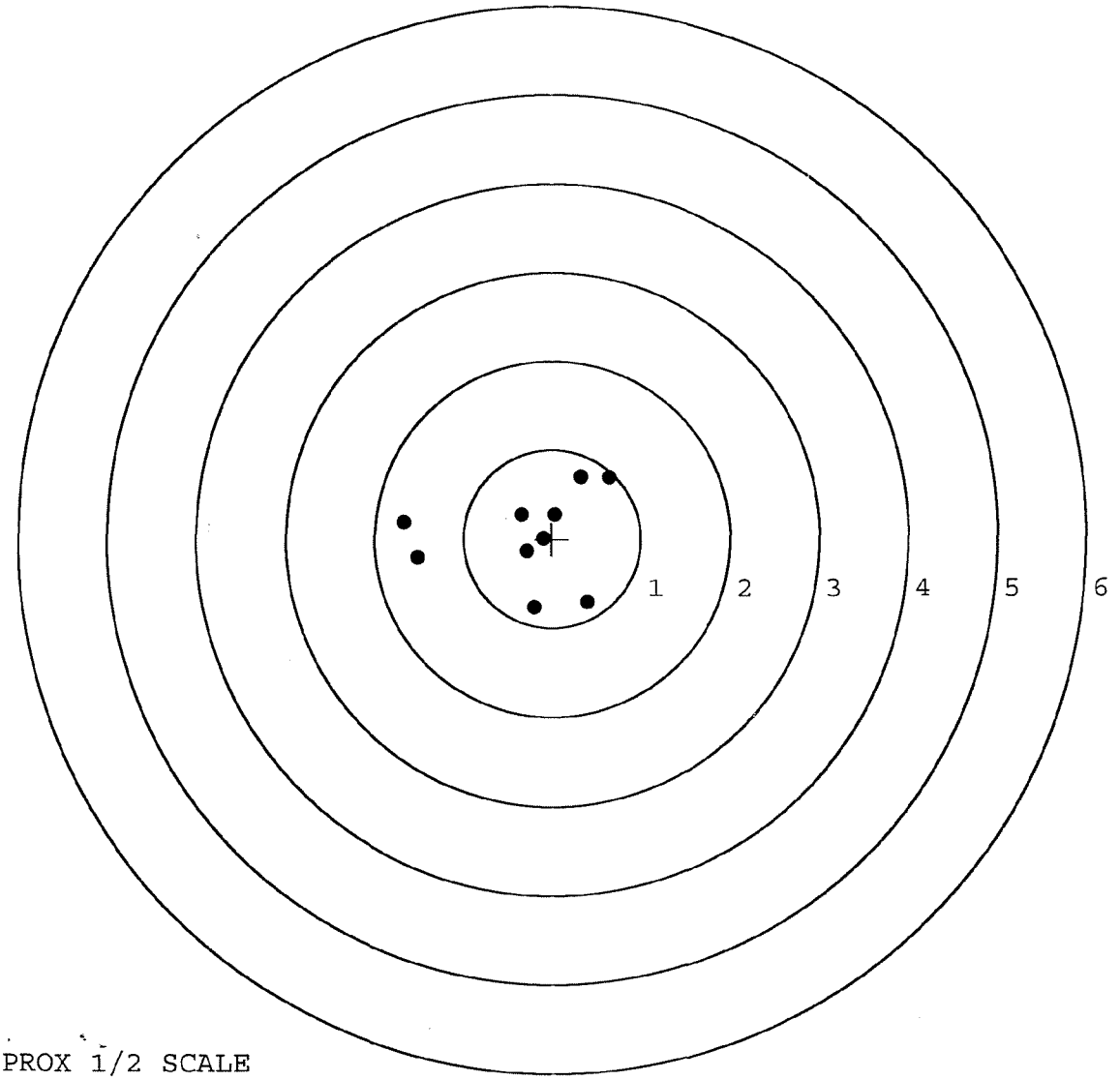


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461642.__0
TARGET NUMBER: 3
FILE DATE: 08/17/2007
FILE TIME: 10:13

X CENTROID:	-0.273
Y CENTROID:	0.028
POA TO CENTROID:	0.275
HORZ SPREAD:	2.330
VERT SPREAD:	1.470
GROUP SPREAD:	2.383
MIN RADIUS:	0.172
MAX RADIUS:	1.415
MEAN RADIUS:	0.753
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.395	-0.719
2:	-0.206	-0.775
3:	0.651	0.693
4:	0.321	0.695
5:	-0.352	0.274
6:	0.032	0.274
7:	-0.094	0.000
8:	-0.282	-0.144
9:	-1.519	-0.210
10:	-1.679	0.193

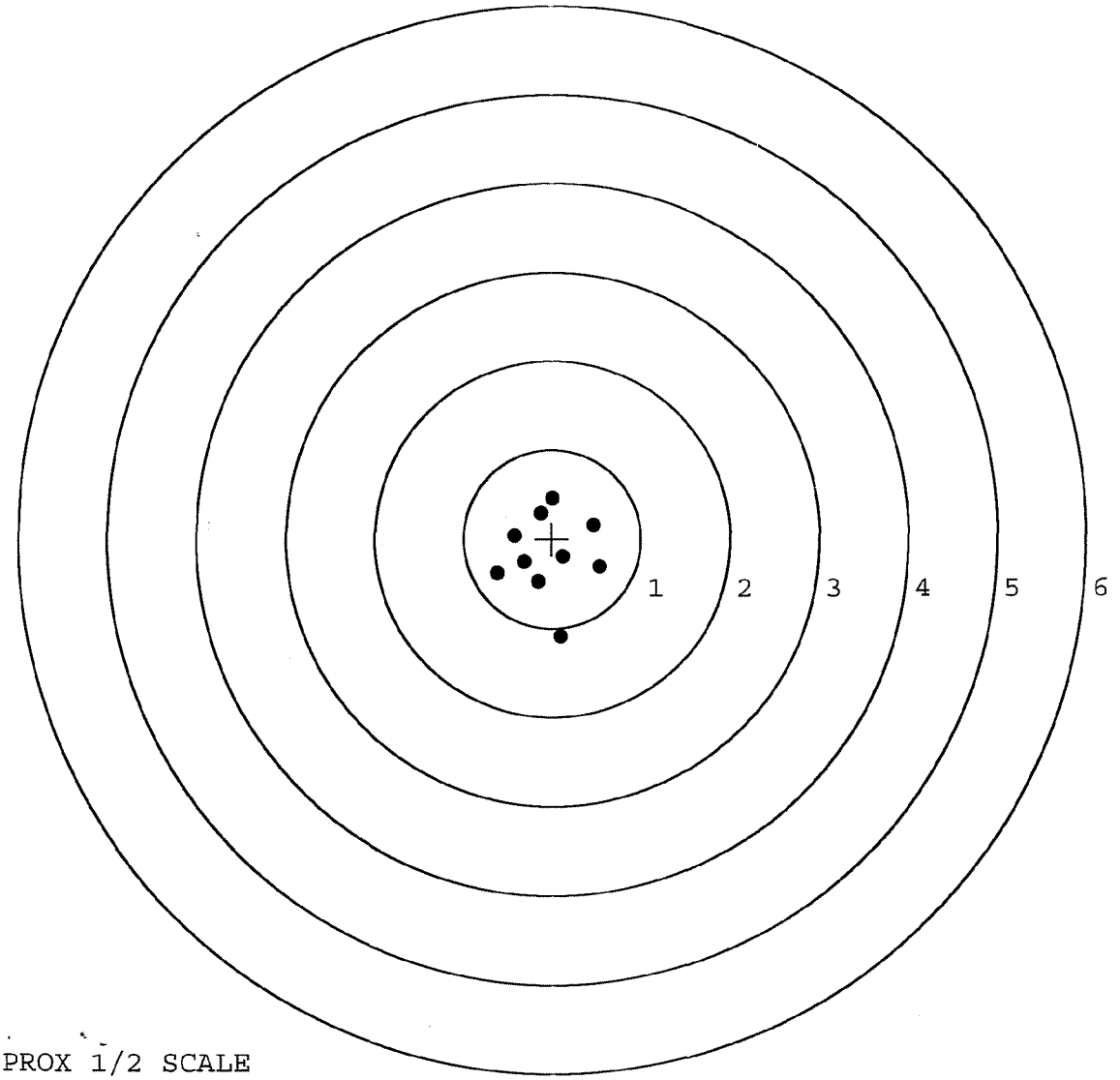


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461642.__0
TARGET NUMBER: 4
FILE DATE: 08/17/2007
FILE TIME: 10:13

X CENTROID:	-0.044
Y CENTROID:	-0.182
POA TO CENTROID:	0.187
HORZ SPREAD:	1.160
VERT SPREAD:	1.559
GROUP SPREAD:	1.562
MIN RADIUS:	0.166
MAX RADIUS:	0.928
MEAN RADIUS:	0.508
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.098	-1.099
2:	0.534	-0.319
3:	0.121	-0.206
4:	0.462	0.157
5:	-0.001	0.460
6:	-0.130	0.291
7:	-0.423	0.040
8:	-0.626	-0.393
9:	-0.157	-0.483
10:	-0.314	-0.266

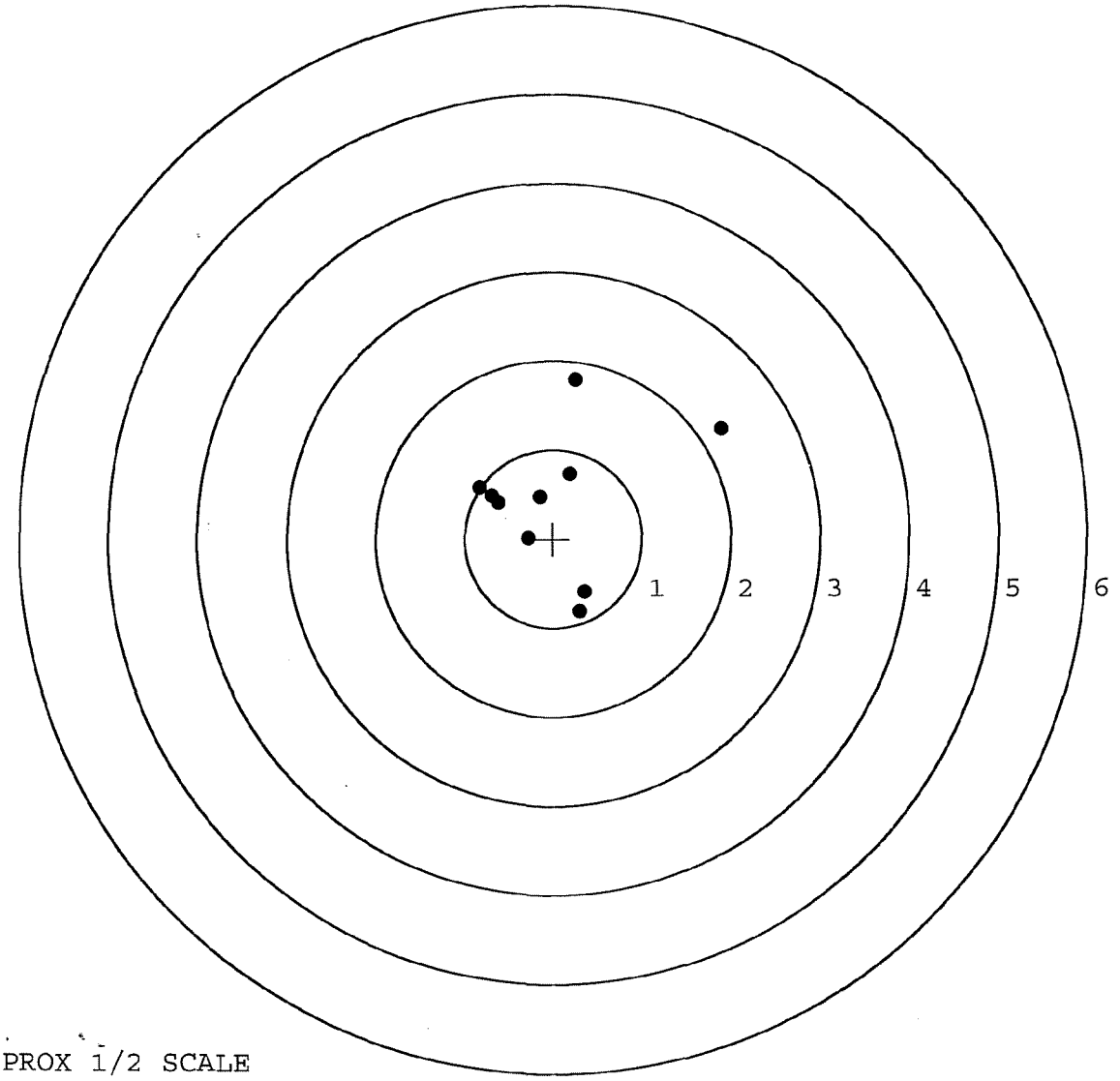


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461642.__0
TARGET NUMBER: 5
FILE DATE: 08/17/2007
FILE TIME: 10:13

X CENTROID:	0.041
Y CENTROID:	0.427
POA TO CENTROID:	0.428
HORZ SPREAD:	2.725
VERT SPREAD:	2.597
GROUP SPREAD:	2.804
MIN RADIUS:	0.195
MAX RADIUS:	2.017
MEAN RADIUS:	0.908
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.304	-0.815
2:	0.357	-0.595
3:	-0.274	0.010
4:	-0.150	0.468
5:	0.187	0.727
6:	-0.626	0.405
7:	-0.837	0.573
8:	-0.697	0.474
9:	0.258	1.782
10:	1.888	1.236



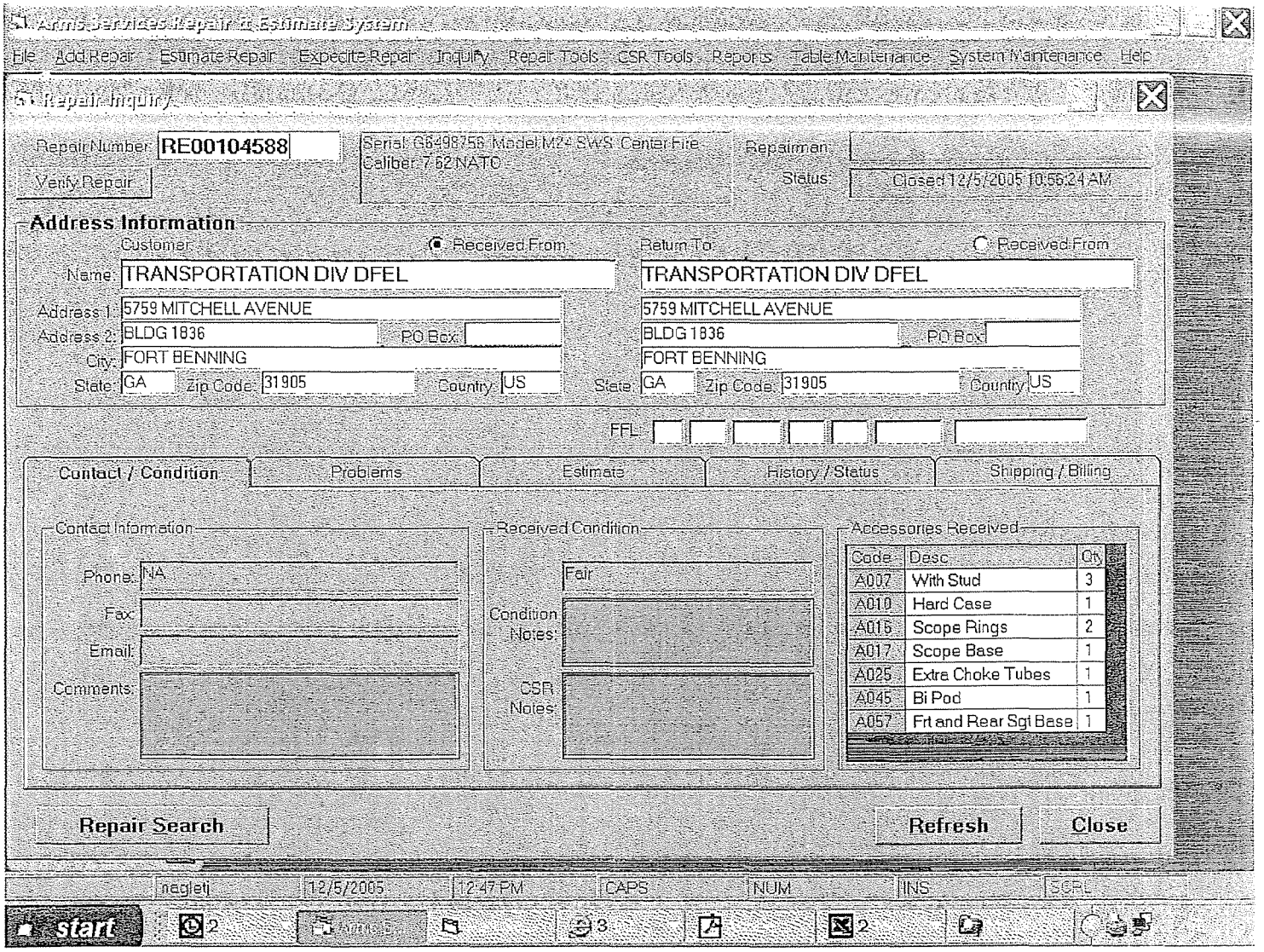
TARGET APPROX 1/2 SCALE

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

R & E NUMBER 131267
SERIAL NUMBER G6461642
LOG-IN DATE 7-11-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		8-7-07	RJC
505	RE-BARREL		8-9-07	RTC
560	ASSEMBLE		8-9-07	RTC
600	PROOF	MAGNA - FLUX	8-9-07	mm
605	CHECK HEADSPACE	MIC # 38	8-9-07	mm
610	DIS-ASSEMBLE GUN		8-9-07	SD
612	MAGNAFLUX	OPERATOR NRS	8-14-07	NRS
510	DRILL AND TAP		8-10-07	TRW
615	ROLLMARK CALIBER		8-10-07	CW
618	ROTO-BLAST		8-14-07	LY
620	APPLY COATINGS		8/15/07	RS
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	(PASS) FAIL	8-17-07	TRW
650	TARGET	(PASS) FAIL	8-17-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	3-18-07	FM
670	FINAL INSPECTION		8/18/07	MM
	A) HEADSPACE	(PASS) FAIL	8/18/07	MM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.43 2.42 2.46 2.50 2.44	8/18/07	MM
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.50 4.25 4.50	8/18/07	MM
	G) SAFETY OFF FORCE (2 LBS MIN)	2.0 2.0 2.0	8/18/07	MM
	I) FIRING PIN INDENT (.020)	.024 .024 .024	8/18/07	MM
690	PACK		8-21-07	RA

N/A



G6461642

C G6498756

Serial No.:

Model: M24 SWS

RE00104588

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461642.__0
FILE DATE AND TIME: 12/14/2005 22:40

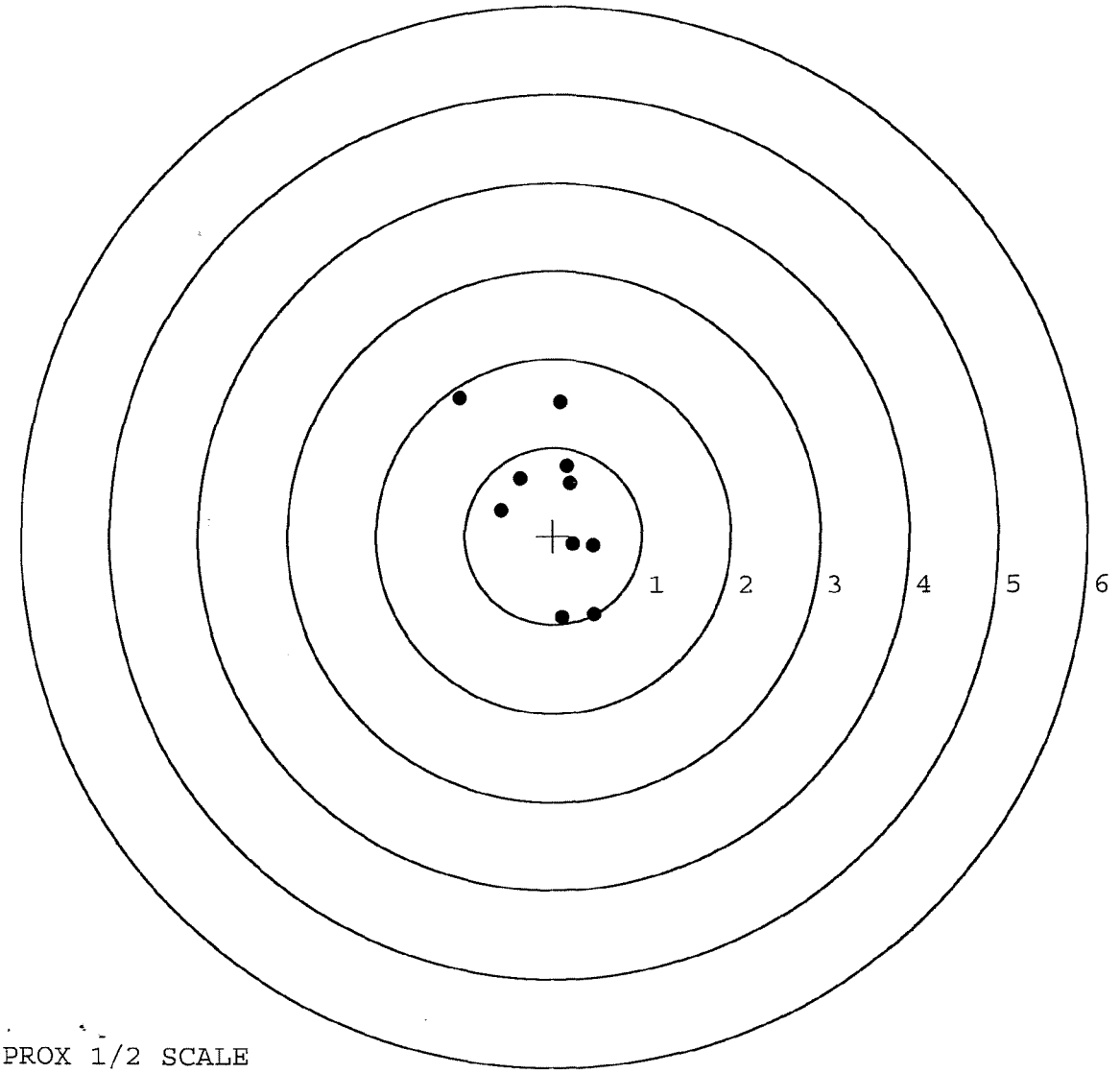
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.104
The Average Y Centroid of the Five Target Set:	0.224
The Average Point of Impact of the Five Target Set:	0.247
The Average Mean Radius of the Five Target Set:	0.672
The Distance from POA to Centroid Target #1:	0.338
The Distance from Centroid Target #2 to Centroid Target #1:	0.287
The Distance from Centroid Target #3 to Centroid Target #1:	0.157
The Distance from Centroid Target #4 to Centroid Target #1:	0.228
The Distance from Centroid Target #5 to Centroid Target #1:	0.094

SERIAL NUMBER: G6461642.__0
TARGET NUMBER: 1
FILE DATE: 12/14/2005
FILE TIME: 22:40

X CENTROID:	-0.036
Y CENTROID:	0.336
POA TO CENTROID:	0.338
HORZ SPREAD:	1.526
VERT SPREAD:	2.483
GROUP SPREAD:	2.880
MIN RADIUS:	0.344
MAX RADIUS:	1.592
MEAN RADIUS:	0.840
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-1.064	1.552
2:	0.074	1.511
3:	0.102	-0.931
4:	0.462	-0.891
5:	0.223	-0.100
6:	0.460	-0.108
7:	0.188	0.597
8:	0.159	0.789
9:	-0.376	0.649
10:	-0.589	0.290

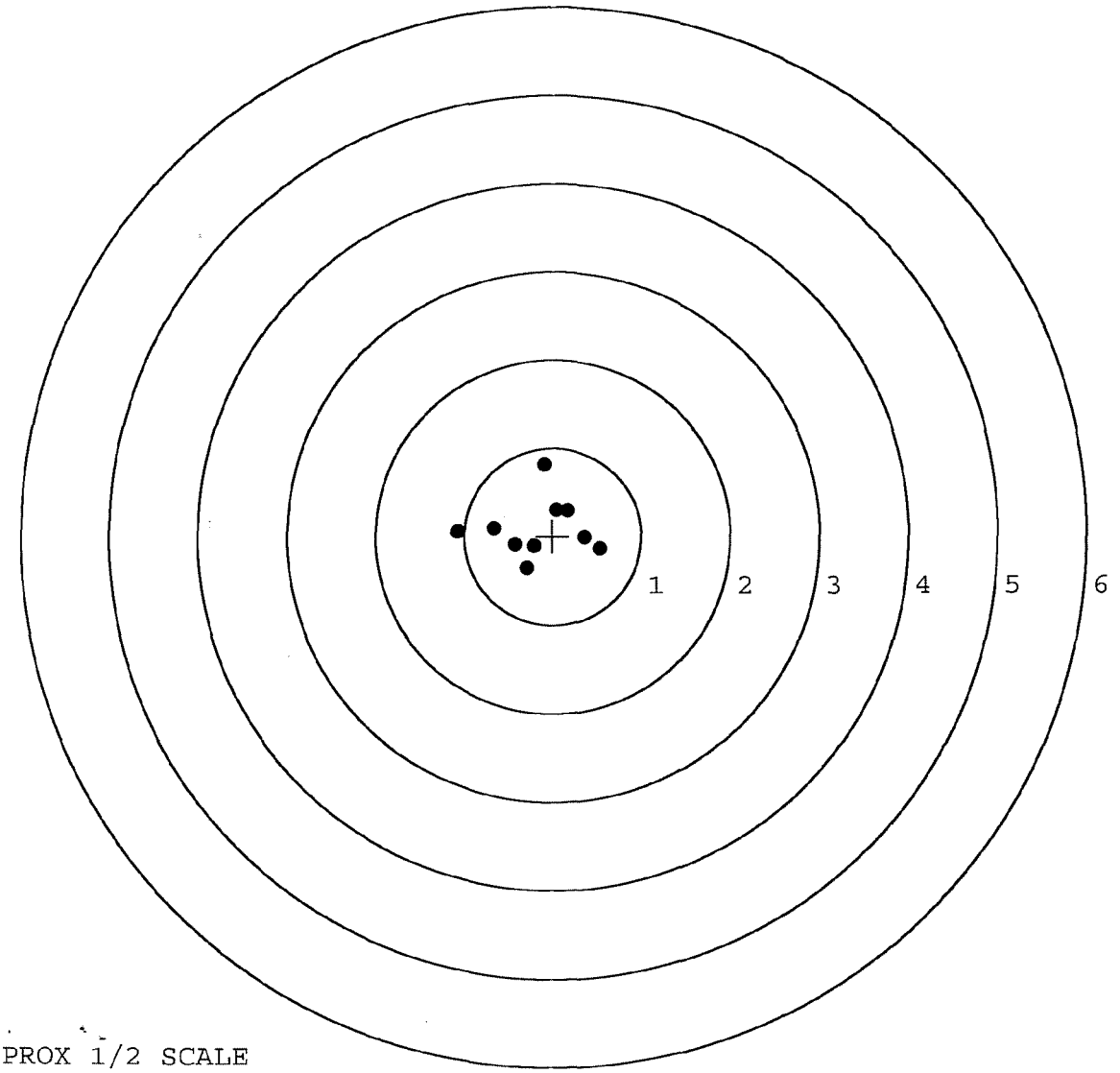


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461642.__0
TARGET NUMBER: 2
FILE DATE: 12/14/2005
FILE TIME: 22:40

X CENTROID:	-0.165
Y CENTROID:	0.080
POA TO CENTROID:	0.184
HORZ SPREAD:	1.619
VERT SPREAD:	1.172
GROUP SPREAD:	1.631
MIN RADIUS:	0.199
MAX RADIUS:	0.915
MEAN RADIUS:	0.510
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-1.080	0.049
2:	-0.670	0.089
3:	-0.293	-0.362
4:	-0.213	-0.114
5:	-0.096	0.810
6:	0.045	0.296
7:	0.170	0.287
8:	0.364	-0.020
9:	0.539	-0.146
10:	-0.421	-0.094

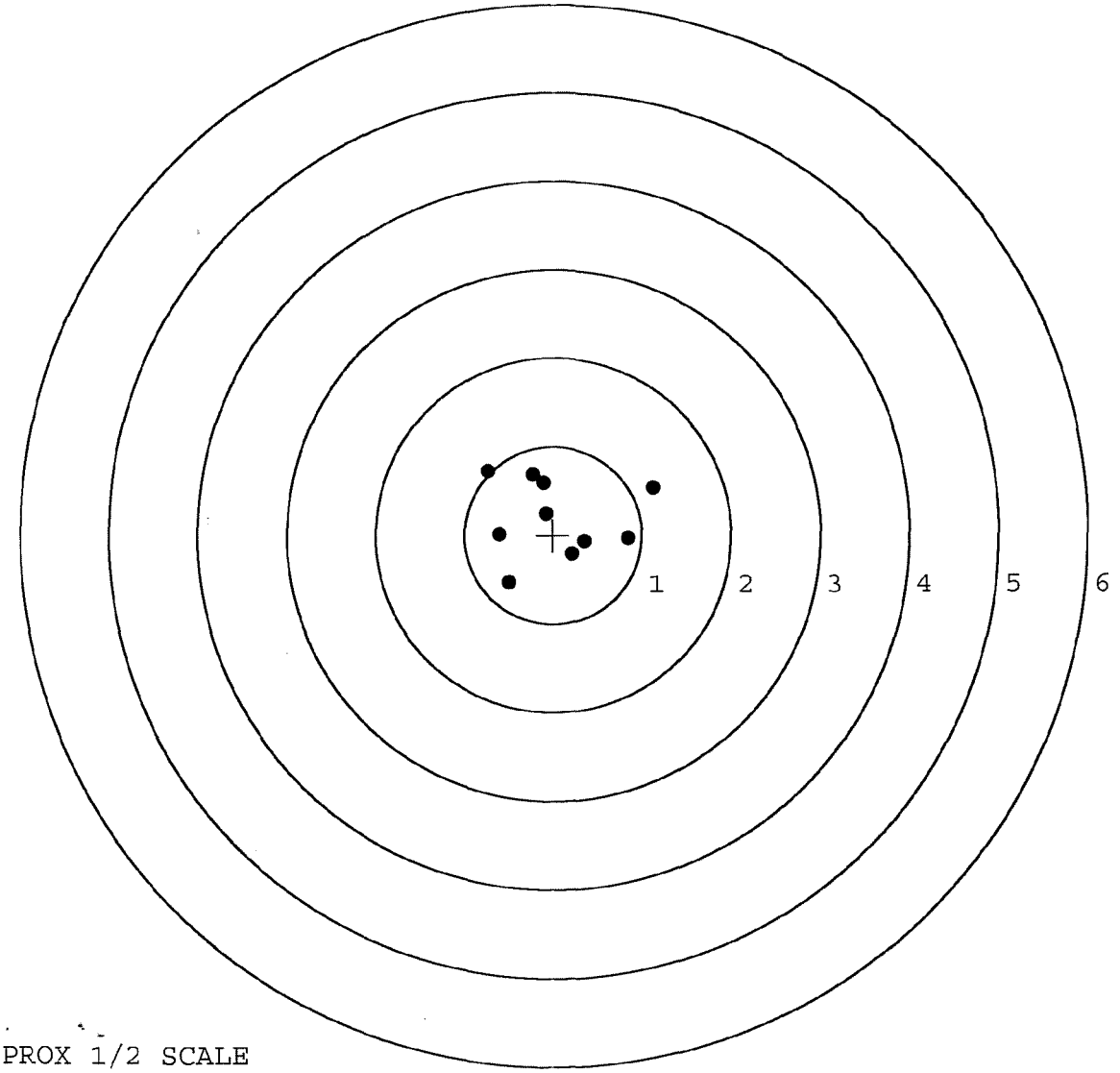


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461642.__0
TARGET NUMBER: 3
FILE DATE: 12/14/2005
FILE TIME: 22:40

X CENTROID:	0.029
Y CENTROID:	0.193
POA TO CENTROID:	0.195
HORZ SPREAD:	1.859
VERT SPREAD:	1.261
GROUP SPREAD:	1.941
MIN RADIUS:	0.124
MAX RADIUS:	1.147
MEAN RADIUS:	0.646
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.218	-0.218
2:	0.355	-0.071
3:	0.849	-0.039
4:	1.124	0.536
5:	-0.735	0.726
6:	-0.604	0.010
7:	-0.495	-0.535
8:	-0.227	0.685
9:	-0.108	0.592
10:	-0.085	0.241

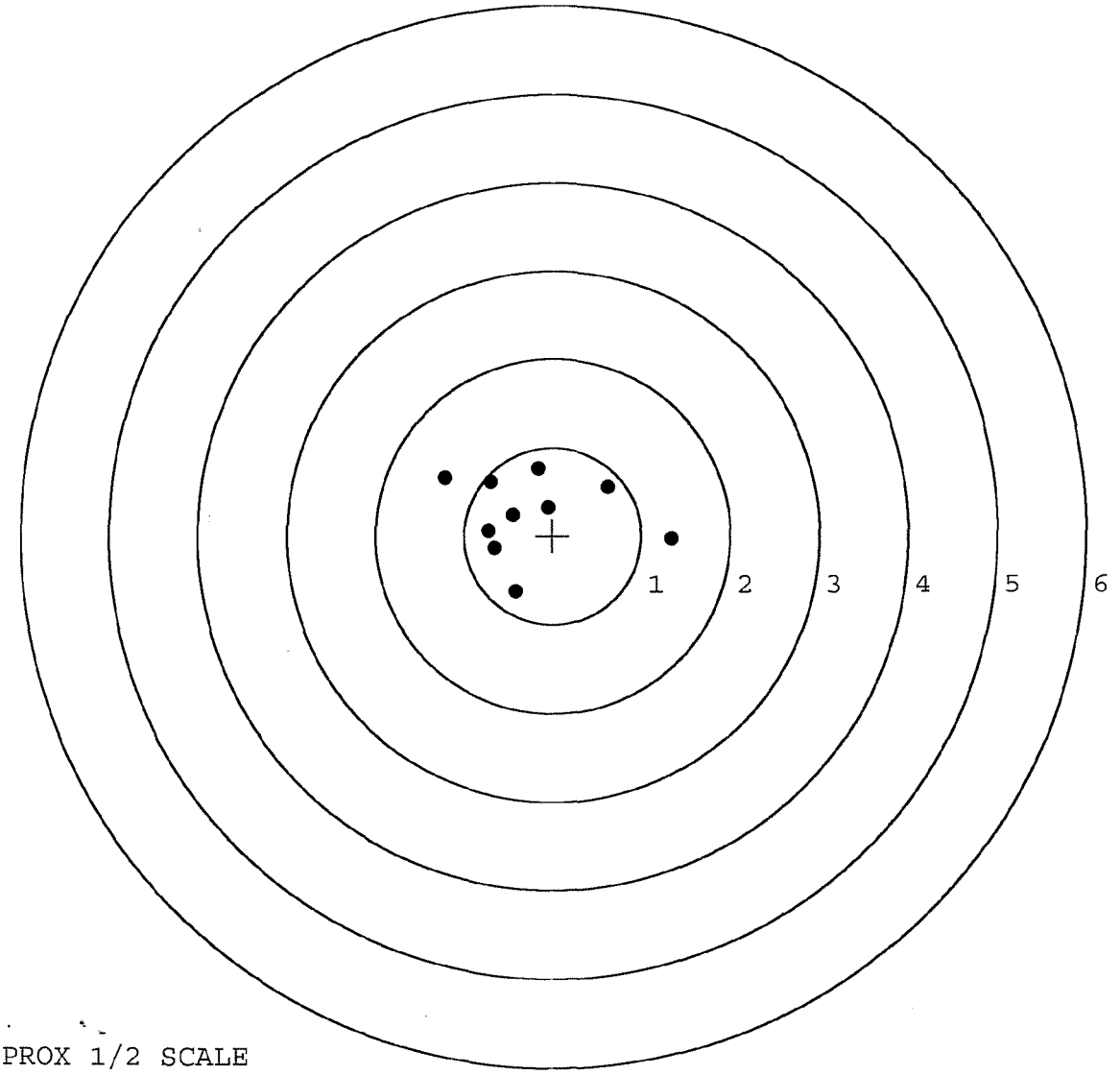


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461642.__0
TARGET NUMBER: 4
FILE DATE: 12/14/2005
FILE TIME: 22:40

X CENTROID:	-0.242
Y CENTROID:	0.240
POA TO CENTROID:	0.341
HORZ SPREAD:	2.560
VERT SPREAD:	1.396
GROUP SPREAD:	2.654
MIN RADIUS:	0.202
MAX RADIUS:	1.612
MEAN RADIUS:	0.710
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-1.215	0.660
2:	-0.706	0.619
3:	-0.419	-0.635
4:	-0.060	0.326
5:	-0.165	0.761
6:	0.622	0.556
7:	1.345	-0.039
8:	-0.449	0.236
9:	-0.722	0.054
10:	-0.656	-0.142

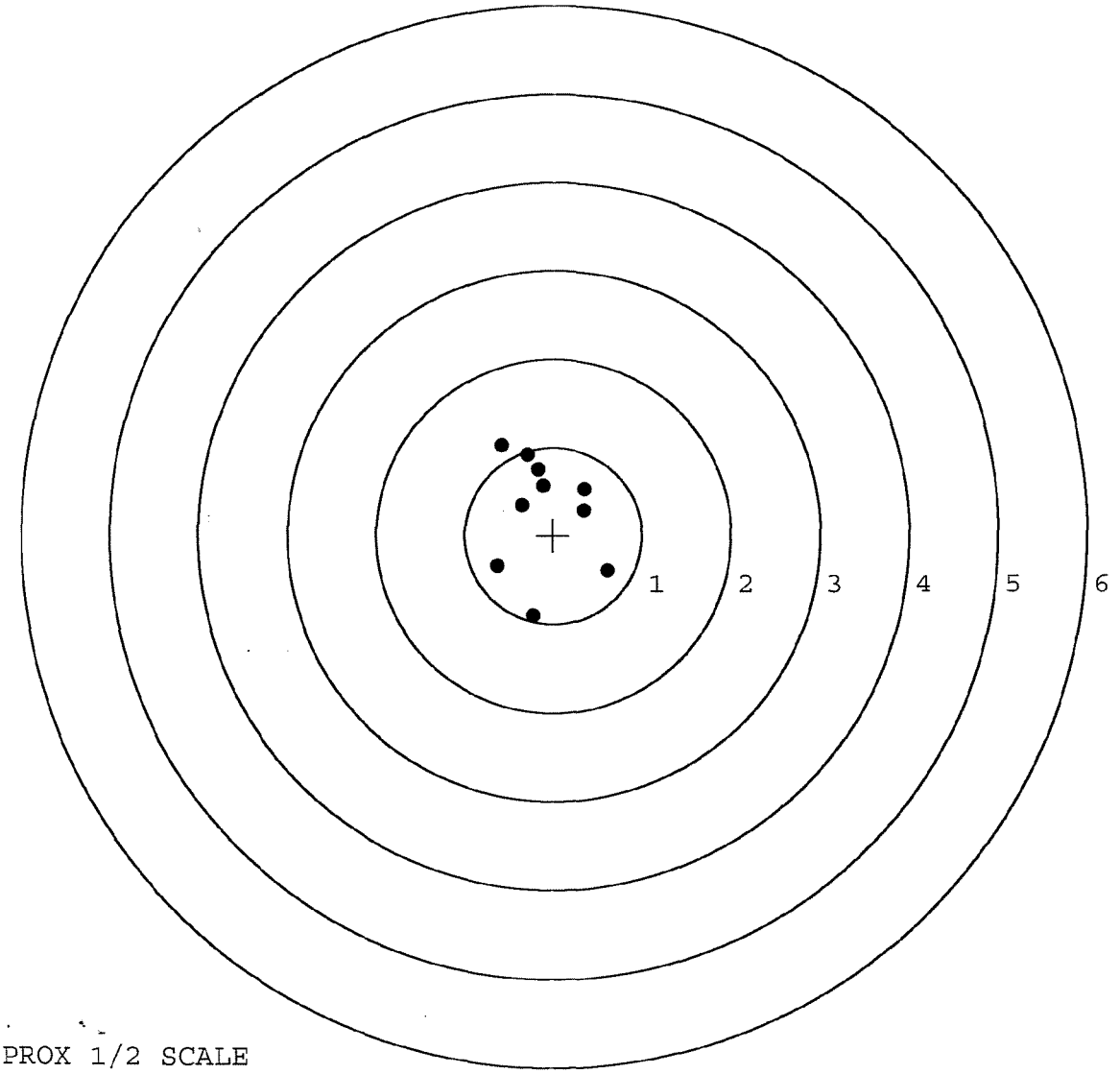


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461642.__0
TARGET NUMBER: 5
FILE DATE: 12/14/2005
FILE TIME: 22:40

X CENTROID:	-0.107
Y CENTROID:	0.274
POA TO CENTROID:	0.294
HORZ SPREAD:	1.244
VERT SPREAD:	1.943
GROUP SPREAD:	1.976
MIN RADIUS:	0.259
MAX RADIUS:	1.199
MEAN RADIUS:	0.657
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.627	-0.353
2:	-0.227	-0.919
3:	0.617	-0.406
4:	0.345	0.293
5:	0.348	0.532
6:	-0.357	0.342
7:	-0.118	0.560
8:	-0.171	0.747
9:	-0.293	0.918
10:	-0.586	1.024



TARGET APPROX 1/2 SCALE

MAINTENANCE REQUEST

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

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

SECTION I - CUSTOMER DATA

1a. UIC CUSTOMER	1b. CUSTOMER UNIT NAME	1c. PHONE NO
W26L5B0	Co 2-29	575-8183

2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR
	D	

SECTION II - MAINTENANCE ACTIVITY DATA

3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO
W26L5B0A853	W	4-2823

4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME
W26CAR1077	TTT

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE	6. ID	7. NSN
1	A	1005-01-278-2162

8. MODEL	M24
9. NOUN	Sniper Rifle
10a. ORG WON/DOC NO	10b. EIC

11. SERIAL NUMBER	12. QTY	13. PD
C644875	01	03

14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)
Repair as Needed

15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751	D

15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751	0.97

16. MILES/KILOMETERS/HOURS/ROUNDS			
M		K	
H		R	

N/A

17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO
	M1QWWM	N	

21. REIMBURSABLE CUSTOMER (if intransit customer enter Y or N)	N

22. LEVEL OF WORK	F	23. SIGNATURE

24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Rifle Will to safe, when bolt is forward.

25. REMARKS POC SGT. Gallardo 575-8183

N/A Scope

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
		05279			

34b. DATE	35b. STATUS	35d. TIME	36b. STATUS	36c. DATE	36d. TIME	37b. STATUS	37c. DATE	37d. TIME	38b. STATUS	38c. DATE	38d. TIME
05279	A	1472									

DA FORM 2407, JUL 94

NMP COPY 2

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 11-14-05

TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.55	2.32		2.52	
PULL #2	2.51	2.44		2.53	
PULL #3	2.53	2.48		2.58	
PULL #4	2.55	2.50		2.60	
PULL #5	2.57	2.50		2.39	
TOTAL	12.71	12.24		12.62	
AVERAGE	2.54	2.45		2.52	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.21		
PULL #2	3.26	3.26		
PULL #3	3.11	3.25		
PULL #4	3.19	3.08		
PULL #5	3.29	3.04		
TOTAL	16.04	15.84		
AVERAGE	3.21	3.17		

	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	4.13	4.02		4.10
PULL #2	4.25	4.02		4.35
PULL #3	4.25	4.13		4.18
PULL #4	4.27	4.13		4.08
PULL #5	4.14	4.20		3.90
TOTAL	21.04	20.50		20.61
AVERAGE	4.21	4.10		4.12

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

		FORT Benning		
R & E NUMBER	104588			
SERIAL NUMBER	~~C6498756~~	G6461642		
LOG-IN DATE	12-5-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		12-6-05	AC
505	RE-BARREL		12-6-05	AC
560	ASSEMBLE		12-7-05	CJ
600	PROOF		12-7-05	CJ
605	CHECK HEADSPACE		12-7-05	CJ
610	DIS-ASSEMBLE GUN		12-7-05	CJ
612	MAGNAFLUX		12/12/05	[illegible]
510	DRILL AND TAP		12-9-05	BR
615	ROLLMARK CALIBER		~~DRO5~~	CW
618	ROTO-BLAST		12-12-05	LB
620	APPLY COATINGS		12/13/05	RB
625	FINAL ASSEMBLY		12-13-05	[illegible]
640	FUNCTION TEST AND	(PASS) FAIL	12/14/05	MJJ
650	TARGET	(PASS) FAIL	12-15-05	RL
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		12-15-05	RTL
	A) HEADSPACE	(PASS) FAIL	12-15-05	RTL
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.00 2.00 2.50 2.50 2.50		RTL
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS)	5.75 5.75 5.75		RTL
	G) SAFETY OFF FORCE (2 LBS)	3.0 2.75 2.75		RTL
	I) FIRING PIN INDENT (.020)	.021 .022 .022		RTL
690	PACK		12-16-05	RTA

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: **RE00060344**

Verify Repair

Serial: C6498756 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)

Repairman:

Status: Closed 1/23/2003 2:19:04 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# C6225357 & C6225235.

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
X	SCOPE SER# 91-0487	1
XX	FRT & REAR SGT BASES	1

Repair Search | Refresh | Close

nagletj 1/24/2003 7:21 AM CAPS NUM INS SCRL

start | 5 Micros... | Scorecard... | Arms Servi... | Part Searc... | 2 Interne... | RE: M24-... | 7:21 AM

Serial Number: C6498756

Model: 700

RE00060344

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498756.__0
FILE DATE AND TIME: 02/15/2003 13:18

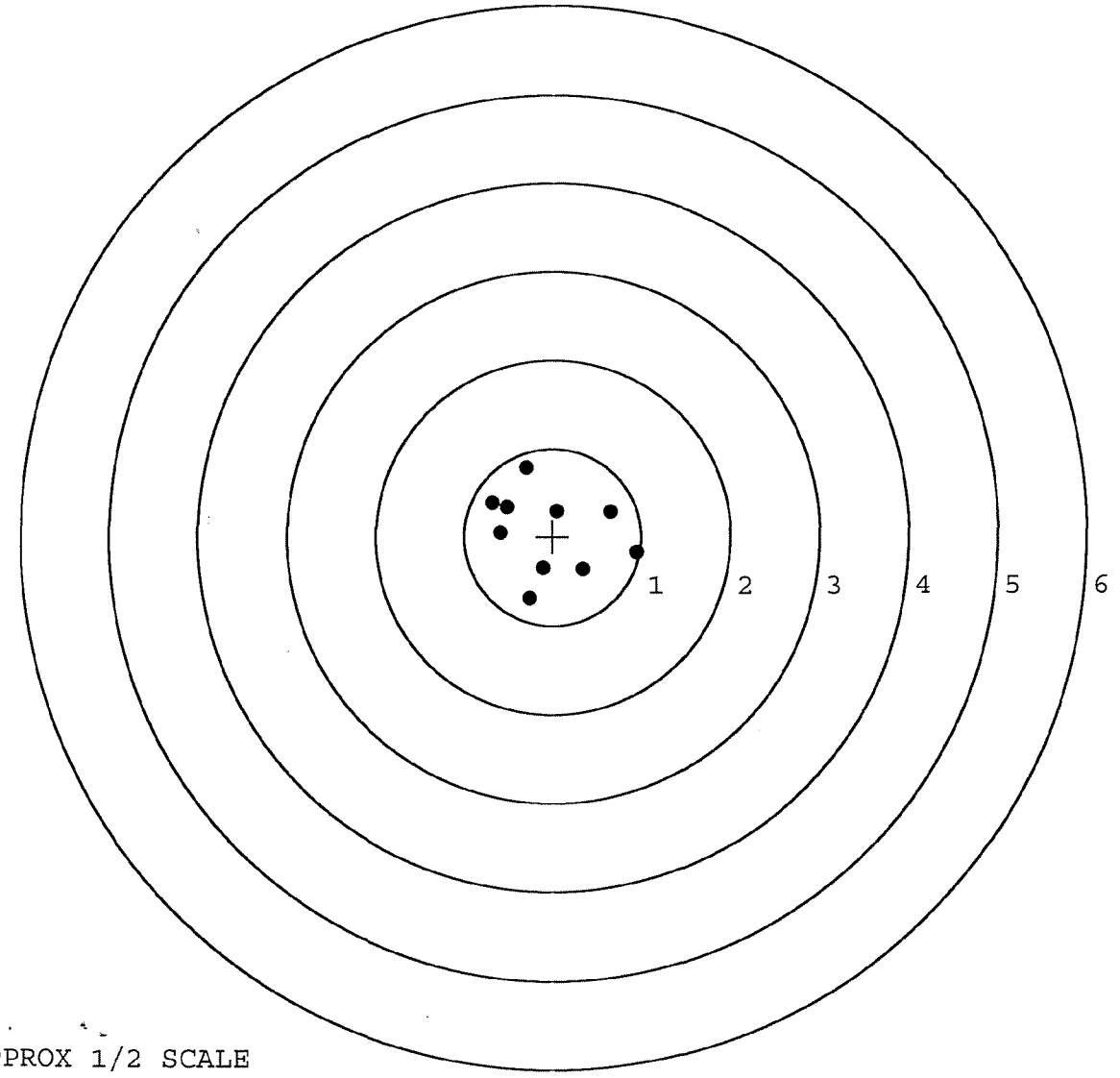
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.010
The Average Y Centroid of the Five Target Set:	-0.059
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.529
The Distance from POA to Centroid Target #1:	0.070
The Distance from Centroid Target #2 to Centroid Target #1:	0.160
The Distance from Centroid Target #3 to Centroid Target #1:	0.122
The Distance from Centroid Target #4 to Centroid Target #1:	0.233
The Distance from Centroid Target #5 to Centroid Target #1:	0.140

SERIAL NUMBER: C6498756.__0
TARGET NUMBER: 1
FILE DATE: 02/15/2003
FILE TIME: 13:18

X CENTROID:	-0.049
Y CENTROID:	0.050
POA TO CENTROID:	0.070
HORZ SPREAD:	1.642
VERT SPREAD:	1.488
GROUP SPREAD:	1.737
MIN RADIUS:	0.256
MAX RADIUS:	1.028
MEAN RADIUS:	0.639
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.952	-0.185
2:	0.653	0.283
3:	0.042	0.290
4:	0.340	-0.374
5:	-0.301	0.786
6:	-0.110	-0.361
7:	-0.262	-0.702
8:	-0.589	0.044
9:	-0.521	0.337
10:	-0.690	0.383

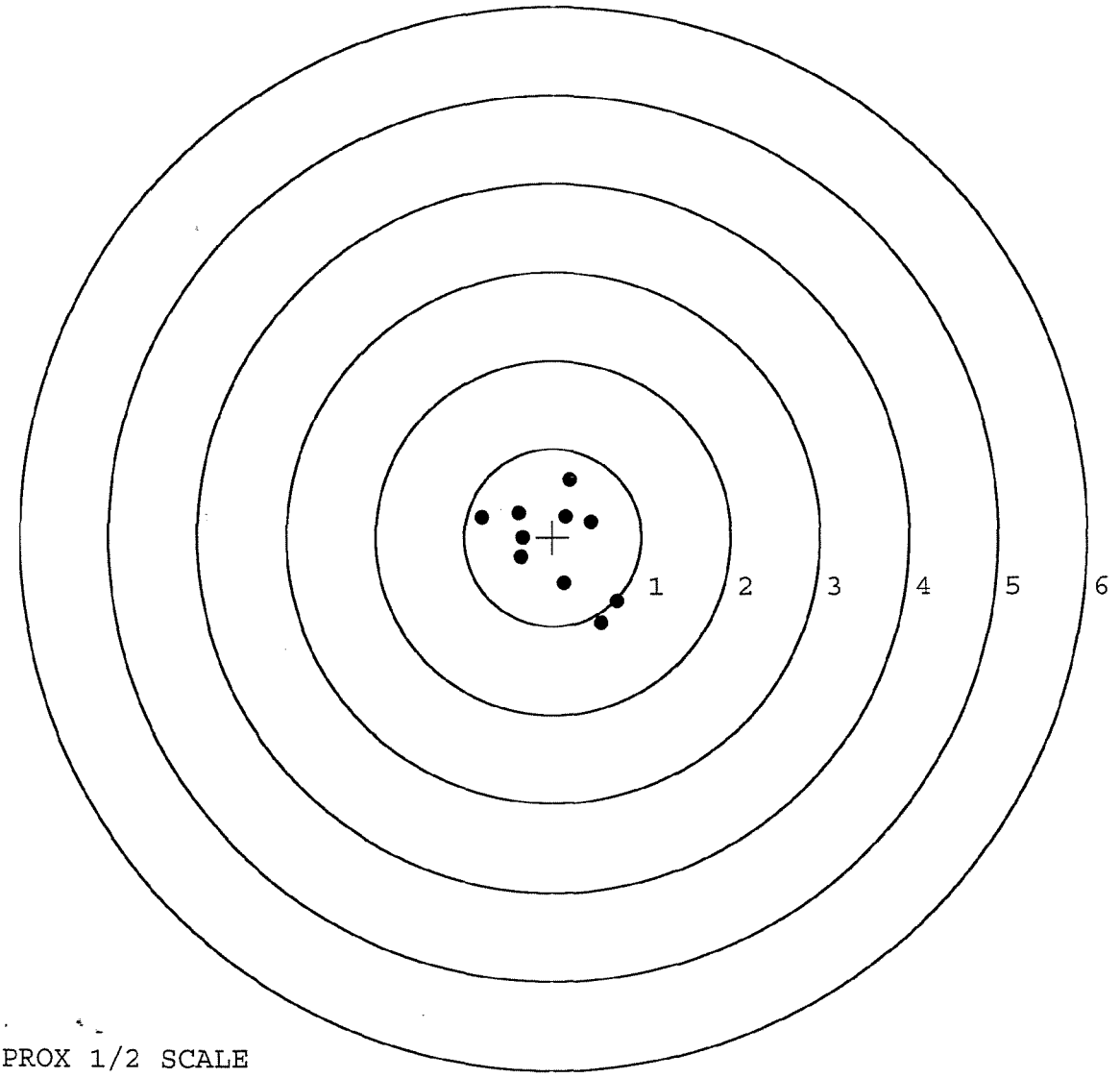


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498756.__0
TARGET NUMBER: 2
FILE DATE: 02/15/2003
FILE TIME: 13:18

X CENTROID:	0.028
Y CENTROID:	-0.091
POA TO CENTROID:	0.095
HORZ SPREAD:	1.532
VERT SPREAD:	1.618
GROUP SPREAD:	1.803
MIN RADIUS:	0.340
MAX RADIUS:	1.021
MEAN RADIUS:	0.622
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.549	-0.968
2:	0.727	-0.724
3:	0.131	-0.523
4:	0.429	0.175
5:	0.146	0.228
6:	0.188	0.650
7:	-0.805	0.222
8:	-0.393	0.270
9:	-0.340	-0.007
10:	-0.356	-0.230

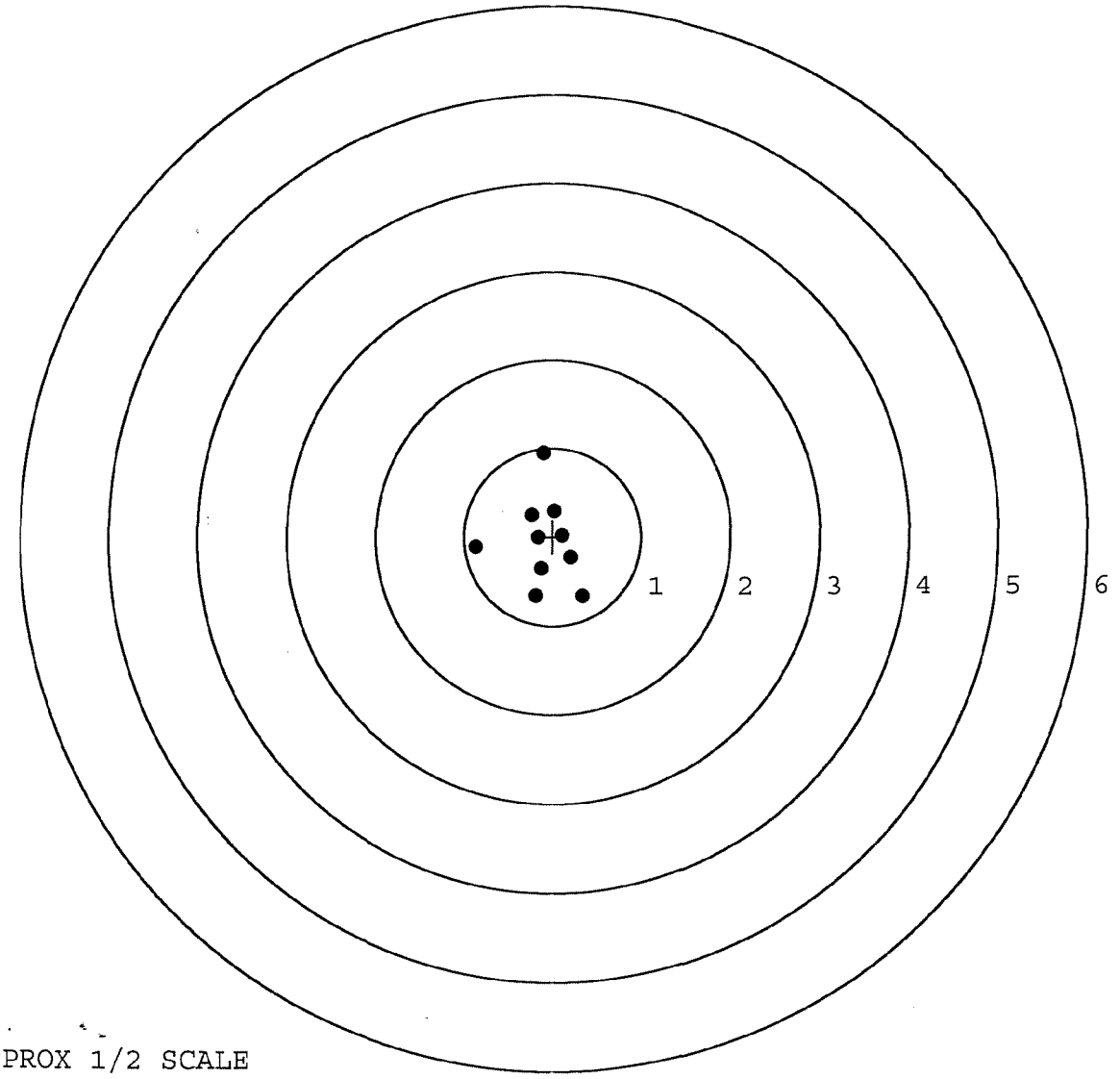


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498756.__0
TARGET NUMBER: 3
FILE DATE: 02/15/2003
FILE TIME: 13:18

X CENTROID:	-0.104
Y CENTROID:	-0.058
POA TO CENTROID:	0.119
HORZ SPREAD:	1.201
VERT SPREAD:	1.618
GROUP SPREAD:	1.674
MIN RADIUS:	0.075
MAX RADIUS:	1.003
MEAN RADIUS:	0.480
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.103	0.945
2:	-0.867	-0.115
3:	0.334	-0.671
4:	-0.192	-0.673
5:	0.203	-0.239
6:	-0.127	-0.364
7:	0.109	0.015
8:	-0.163	-0.012
9:	-0.244	0.240
10:	0.014	0.290

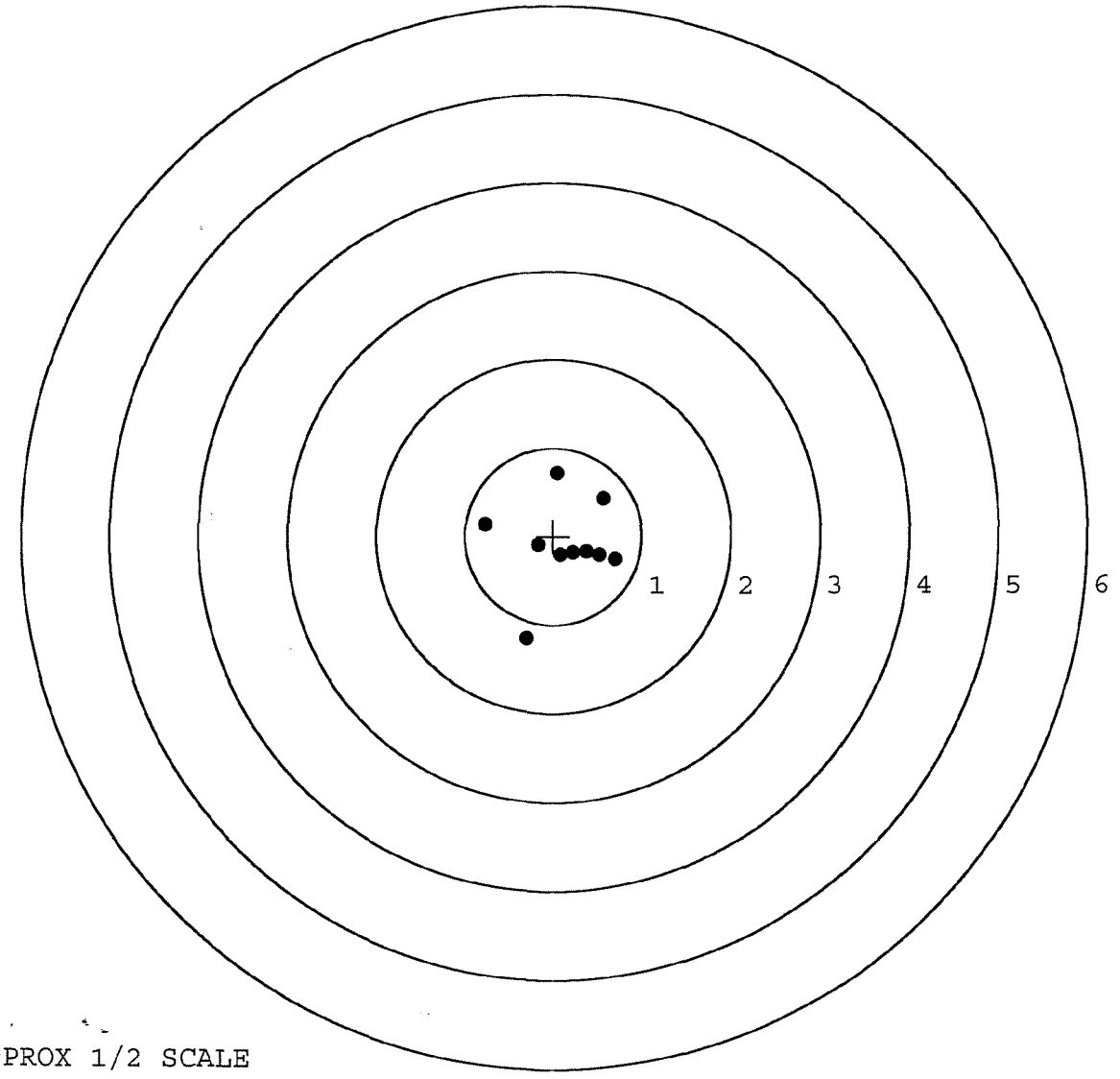


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498756.__0
TARGET NUMBER: 4
FILE DATE: 02/15/2003
FILE TIME: 13:18

X CENTROID:	0.126
Y CENTROID:	-0.104
POA TO CENTROID:	0.163
HORZ SPREAD:	1.479
VERT SPREAD:	1.874
GROUP SPREAD:	1.906
MIN RADIUS:	0.121
MAX RADIUS:	1.134
MEAN RADIUS:	0.540
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.701	-0.261
2:	0.523	-0.215
3:	0.377	-0.179
4:	0.220	-0.192
5:	0.562	0.429
6:	0.046	0.720
7:	-0.172	-0.101
8:	-0.778	0.133
9:	-0.301	-1.154
10:	0.083	-0.217

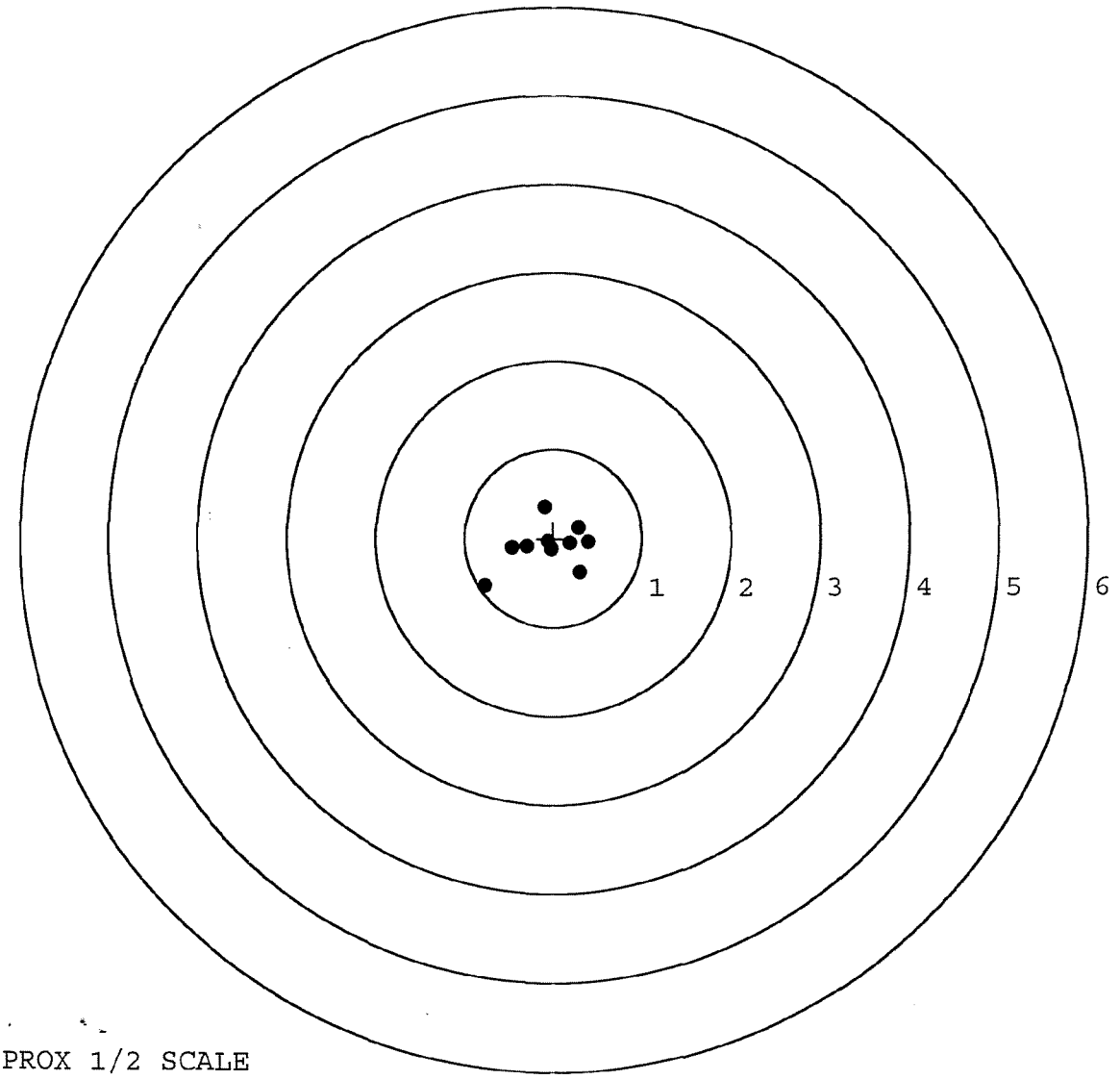


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498756.__0
TARGET NUMBER: 5
FILE DATE: 02/15/2003
FILE TIME: 13:18

X CENTROID:	-0.053
Y CENTROID:	-0.090
POA TO CENTROID:	0.105
HORZ SPREAD:	1.167
VERT SPREAD:	0.895
GROUP SPREAD:	1.268
MIN RADIUS:	0.044
MAX RADIUS:	0.845
MEAN RADIUS:	0.362
# IN 1 IN DIAMETER:	9
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.301	-0.385
2:	-0.770	-0.538
3:	-0.463	-0.113
4:	-0.295	-0.098
5:	-0.101	0.357
6:	0.293	0.126
7:	0.397	-0.041
8:	-0.024	-0.123
9:	0.189	-0.054
10:	-0.062	-0.034



TARGET APPROX 1/2 SCALE

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

DATE 1-27-03

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.33		2.59	MIN. SETTING,
PULL #2	2.55	2.39		2.56	NO AVG. OF 5
PULL #3	2.52	2.26		2.55	READINGS ACCEPT
PULL #4	2.53	2.37		2.54	ABLE LESS THAN
PULL #5	2.55	2.36		2.46	
TOTAL	12.73	11.71		12.70	
AVG.	2.54	2.34		2.54	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.19		
PULL #2	3.13	3.20		
PULL #3	3.21	3.15		
PULL #4	3.24	3.19		
PULL #5	3.25	3.15		
TOTAL	16.05	15.88		
AVG.	3.21	3.17		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# F TARGET & ACCU
PULL #1	4.40	4.15		4.39
PULL #2	4.18	4.11		4.09
PULL #3	4.16	4.12		4.20
PULL #4	4.13	4.14		4.23
PULL #5	4.17	4.12		4.26
TOTAL	21.04	20.64		21.17
AVG.	4.20	4.12		4.23

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

SERIAL #: C1498756 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:

27

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

R & E NUMBER	60344		
SERIAL NUMBER	C6498756		
LOG-IN DATE	1-23-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-23-03	RTL
560 A	RE-BARREL	1-28-03	DA
B	DRILL AND TAP	1-28-03	TRW
575	ASSEMBLE	1-28-03	RW
600	PROOF	1-28-03	RW
605	CHECK HEADSPACE	1-28-03	RW
610	DIS-ASSEMBLE GUN	1-28-03	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1-31-03	JTD
620	APPLY COATINGS	2-11	TA
625 A	FINAL ASSEMBLY	2-13-03	RW
B	TRIGGER PULL TEST 2.67 2.62, 2.71, 2.71, 2.62		RW
C	SAFETY "ON" FORCE 9, 9, 9		RW
D	SAFETY "OFF" FORCE 3, 2.5, 2.5		RW
E	FIRING PIN INDENT		
640	TARGET	2-14-03	TRW
655	FINAL INSPECT	2-17-03	RW
660	PACK	2-19-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA - I
INSPECTED
JAN 30 2003
OPERATOR RB

Remington® DUPONT REG U.S. PAT & TM OFF

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

MODEL 700™ M24

SERIAL NO. C6498756

ORDER NO. 5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee. 01

5716 C6498756

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498756

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	90	RW
600	Proof	4 12	90	[illegible]
607	Check Headspace	4 12	90	[illegible]
610	Dis-assemble Gun	4 12	90	RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		[illegible]
617	Drill and Tap Sight Holes		4/23/90	RB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4-30-90	TJH
	Apply Coating (Bolt)			TJH
625	Final Assembly A) Clean inside of Bolt Assembly		4/30/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/30/90	RW
	C) Inspect Ejector Hole for Chamfer		4/30/90	RW
	D) Oil Firing Pin Ass'y		4/30/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/10/90	[illegible]

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/10/90	DC
	G) Safety Off Force	3	3	3			5/10/90	DC
	H) Trigger Pull Test & Retainability						5/10/90	DC
	I) Firing Pin Indent	.023	.023	.023			5/10/90	DC
	J) Assemble Stock						5/11/90	RW
	K) Assemble Swivel Studs						5/16/90	WB
	L) Attach Front and Rear Sight Assemblies						5/11/90	RW
	M) Iron Sight Alignment						5/11/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/11/90	RW
	O) Attach Scope to Rifle						5/11/90	WB
	P) Detach & Attach Scope 20 Times						5/11/90	WB
640	Gallery Target & Test						5-14-90	AC
	A) Time						5-14-90	AC
	B) Malfunctions						5-14-90	AC
	C) Pierced Primers						5-14-90	AC
	D) Optical Clearity of Scope						5-14-90	AC
645	Inspect for Live Ammo						5-14-90	AC
655	Final Inspection A) Headspace						5/15/90	WB
	B) Trigger Pull	2.62	2.70	2.64	2.66	2.75	5/15/90	WB
	C) Function						5/16/90	WB
660	Pack						6-20-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6498756

DATE 5/10/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.25	2.57	2.62	MIN. SETTING,
PULL #2	2.22	2.31	2.37	2.70	NO AVG. OF 5
PULL #3	2.39	2.23	2.52	2.64	READINGS ACCEPT-
PULL #4	2.32	2.24	2.34	2.66	ABLE LESS THAN 2#
PULL #5	2.18	2.19	2.35	2.75	
TOTAL	11.63	11.22	12.25		
AVG.	2.326	2.244	2.45		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.29		
PULL #2	3.49	3.40		
PULL #3	3.35	3.25		
PULL #4	3.39	3.35		
PULL #5	3.24	3.33		
TOTAL	16.72	16.62		
AVG.	3.344	3.324		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.37		4.47
PULL #2	4.40	4.37		4.38
PULL #3	4.39	4.24		4.37
PULL #4	4.32	4.35		4.40
PULL #5	4.39	4.37		4.42
TOTAL	21.89	21.70		22.04
AVG.	4.378	4.34		4.408

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498756
15 May 1990

CENTROIDAL DISTANCES

0	TO	1	.631197
1	TO	2	.648902
1	TO	3	.699811
1	TO	4	.619998
1	TO	5	.873444

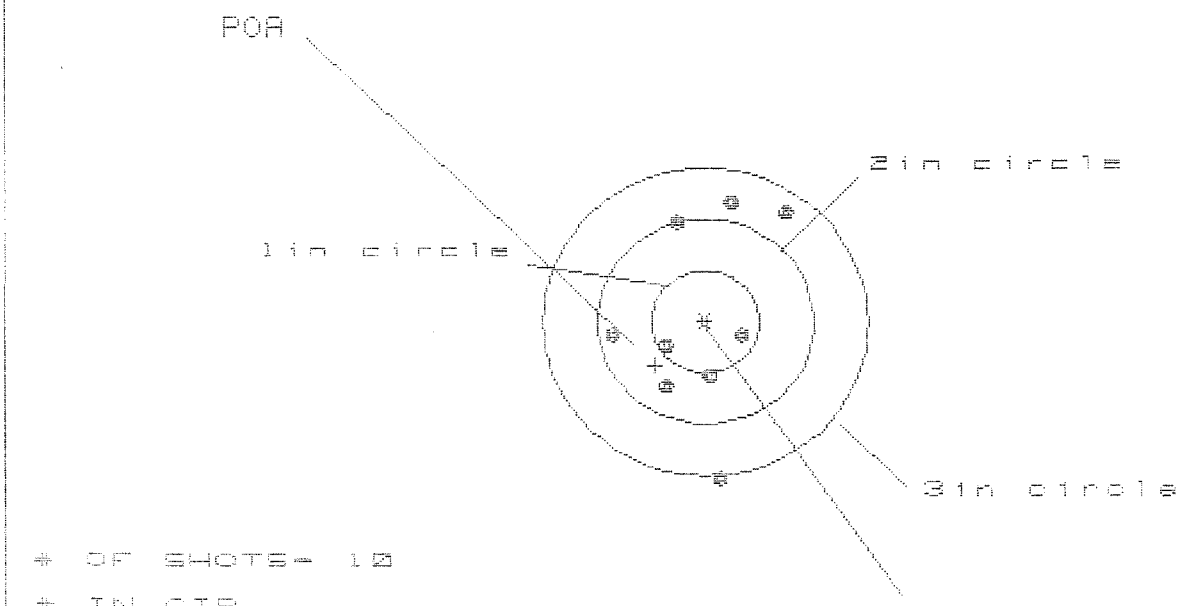
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0072
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1124
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .11263

THE AMR FOR THIS RIFLE IS: .847

14 May 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6438756

CENTERFIRE PATTERNS # 1

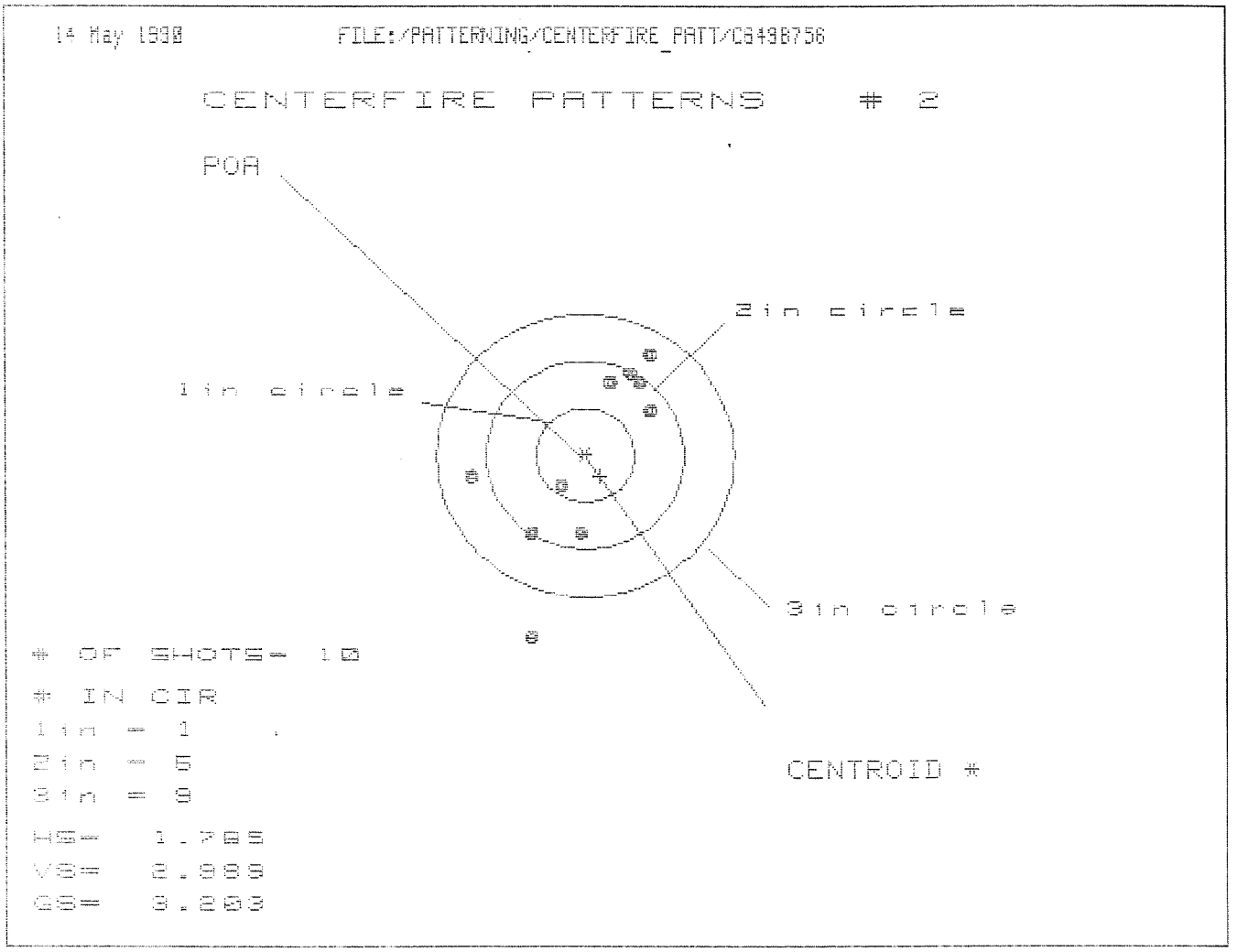


OF SHOTS= 10

# IN CIR
1in = 4
2in = 6
3in = 8

HS= 1.645
VS= 2.711
GS= 2.713

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.739	.755	.491
MINIMUM X	:	-.906	-.890	-.796
MAXIMUM Y	:	1.183	1.013	1.120
MINIMUM Y	:	-1.528	-.797	-.690
CENTROID X	:	.463	.447	.353
CENTROID Y	:	.429	.599	.492
POA TO CENTROID in.	:	.632	.748	.605
MIN RADIUS	:	.390	.472	.413
MEAN RADIUS	:	.843	.783	.713
MAX RADIUS	:	1.535	1.144	1.175
HORIZONTAL SPREAD	:	1.645	1.645	1.287
VERTICAL SPREAD	:	2.711	1.810	1.810
EXTREME SPREAD	:	2.713	2.022	1.914
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.634	.577	.643
MINIMUM X	:	-1.151	-1.208	-1.136
MAXIMUM Y	:	1.081	.869	.799
MINIMUM Y	:	-1.908	-1.028	-.919
CENTROID X	:	-.152	-.095	-.167
CENTROID Y	:	.222	.434	.325
POA TO CENTROID in.	:	.269	.444	.366
MIN RADIUS	:	.423	.580	.502
MEAN RADIUS	:	1.020	.885	.868
MAX RADIUS	:	1.976	1.271	1.172
HORIZONTAL SPREAD	:	1.785	1.785	1.779
VERTICAL SPREAD	:	2.989	1.897	1.718
EXTREME SPREAD	:	3.203	2.217	1.991
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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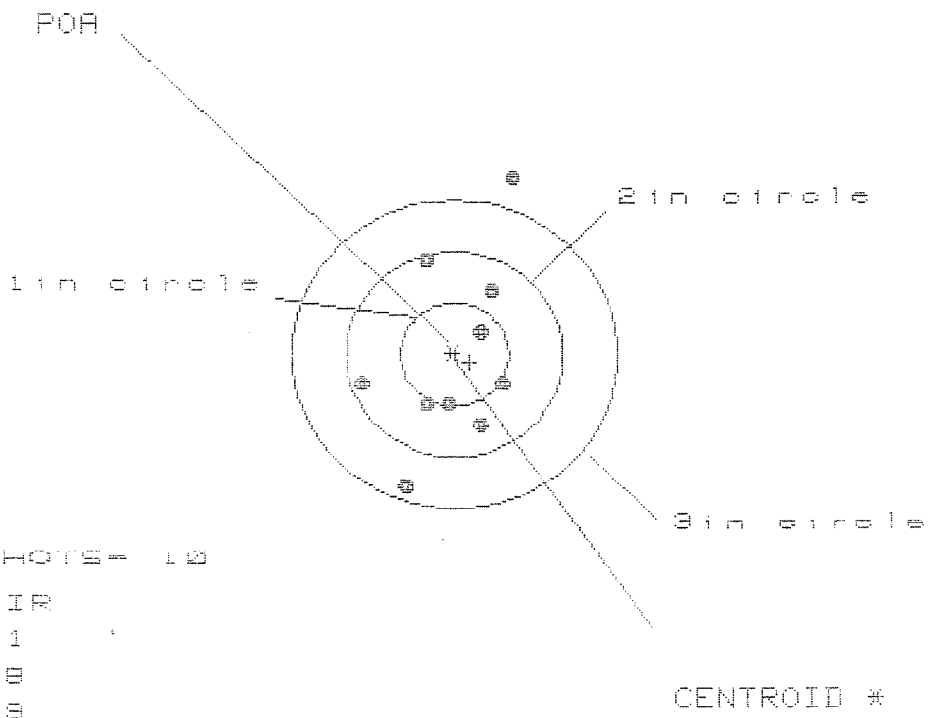
CENTERFIRE PATTERNS # 3

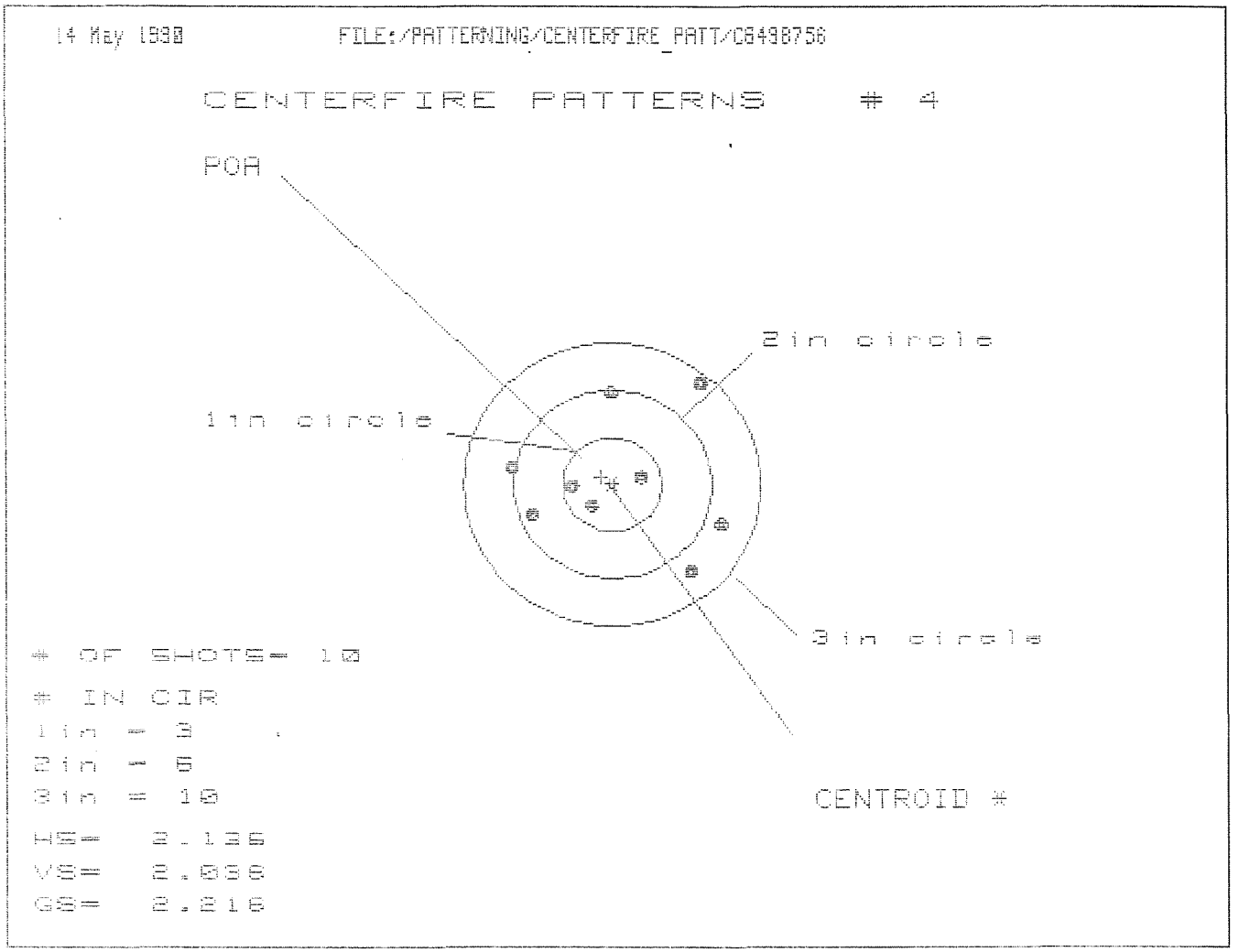


OF SHOTS= 10

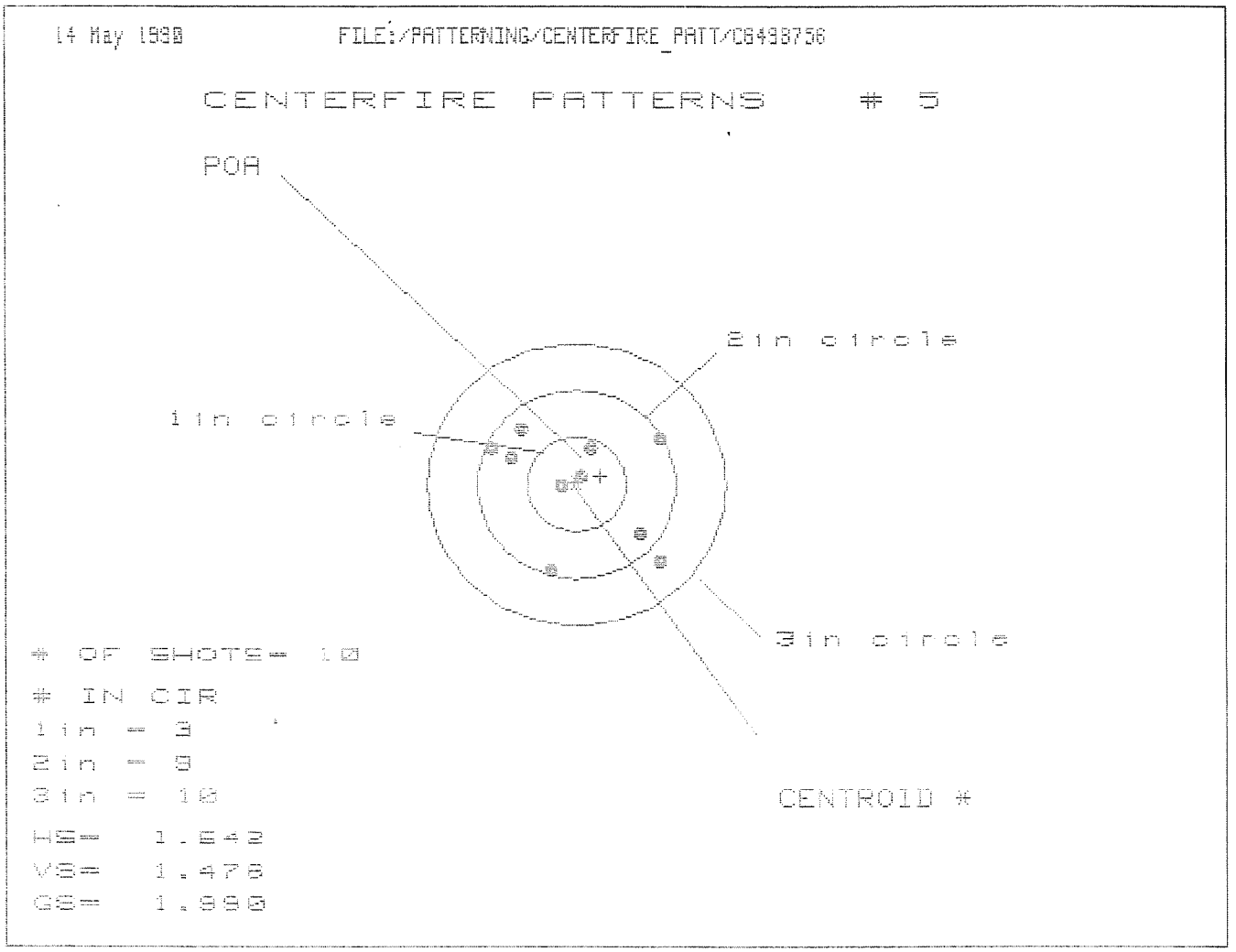
# IN CIR
1in = 1
2in = 8
3in = 9

HS= 1.356
VS= 2.994
GS= 3.146

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.533	.492	.445
MINIMUM X	:	-.823	-.764	-.811
MAXIMUM Y	:	1.728	1.069	.935
MINIMUM Y	:	-1.266	-1.074	-.574
CENTROID X	:	-.143	-.202	-.155
CENTROID Y	:	.079	-.113	.021
POA TO CENTROID in.	:	.163	.231	.156
MIN RADIUS	:	.330	.319	.379
MEAN RADIUS	:	.829	.686	.636
MAX RADIUS	:	1.808	1.137	.978
HORIZONTAL SPREAD	:	1.356	1.256	1.256
VERTICAL SPREAD	:	2.994	2.143	1.509
EXTREME SPREAD	:	3.146	2.147	1.605
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.136	1.230	1.342
MINIMUM X	:	-1.000	-.906	-.794
MAXIMUM Y	:	1.094	1.075	.972
MINIMUM Y	:	-.942	-.820	-.351
CENTROID X	:	.109	.015	-.097
CENTROID Y	:	-.080	-.202	-.099
POA TO CENTROID in.	:	.136	.202	.139
MIN RADIUS	:	.297	.144	.201
MEAN RADIUS	:	.851	.761	.685
MAX RADIUS	:	1.384	1.255	1.387
HORIZONTAL SPREAD	:	2.136	2.136	2.136
VERTICAL SPREAD	:	2.036	1.895	1.323
EXTREME SPREAD	:	2.216	2.216	2.216
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.826	.902	.821
MINIMUM X	:	-.816	-.724	-.611
MAXIMUM Y	:	.598	.512	.563
MINIMUM Y	:	-.878	-.964	-.913
CENTROID X	:	-.241	-.333	-.445
CENTROID Y	:	-.088	-.002	-.053
POA TO CENTROID in.	:	.257	.333	.449
MIN RADIUS	:	.079	.120	.056
MEAN RADIUS	:	.692	.625	.575
MAX RADIUS	:	1.133	.989	1.008
HORIZONTAL SPREAD	:	1.642	1.626	1.432
VERTICAL SPREAD	:	1.476	1.476	1.476
EXTREME SPREAD	:	1.990	1.724	1.691
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	