C627294

MODEL 700™ M24

Model SWS™

Action

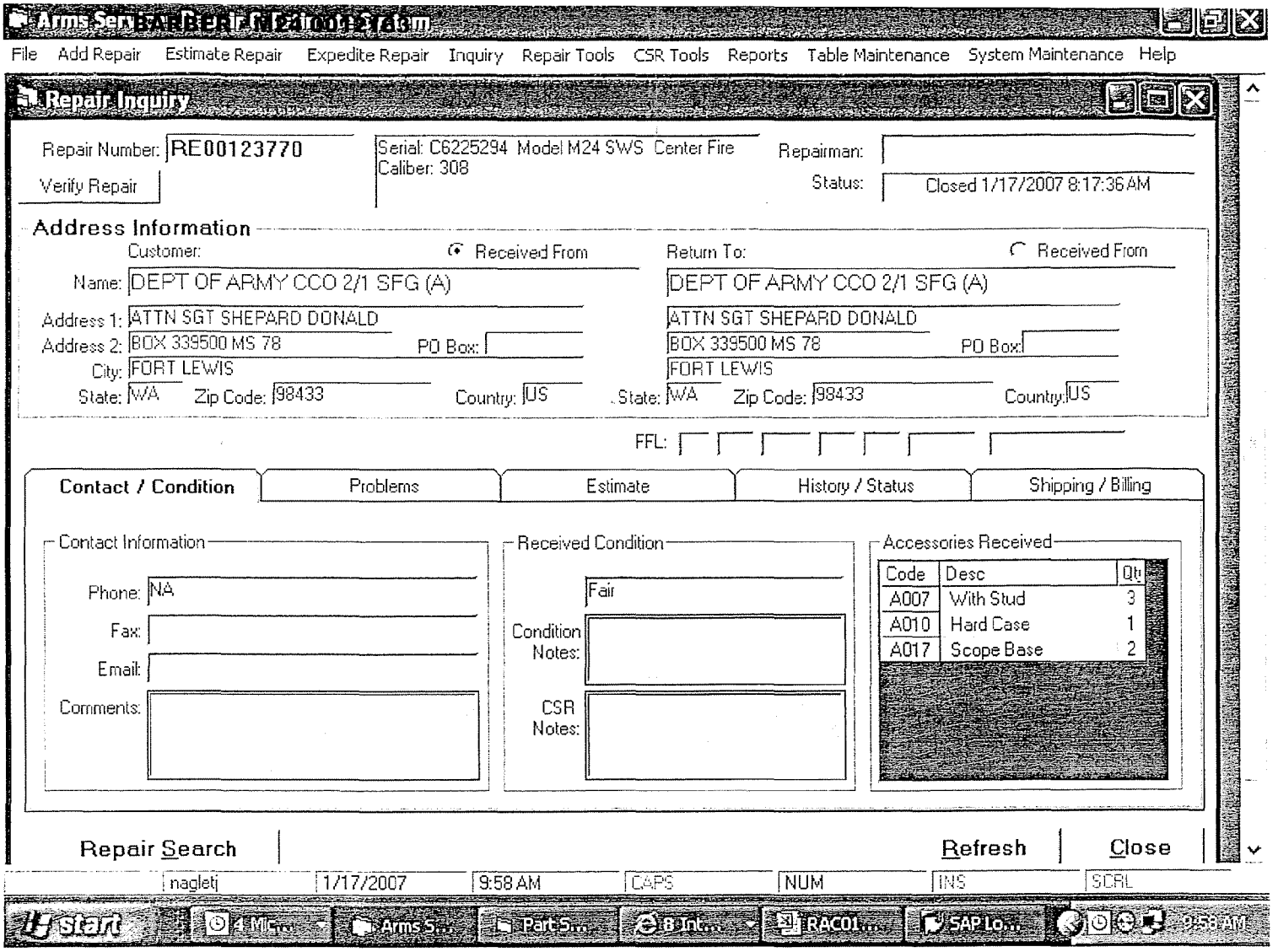
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6225294

Model: M24 SWS

RE00123770

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225294.__0
FILE DATE AND TIME: 01/30/2007 13:41

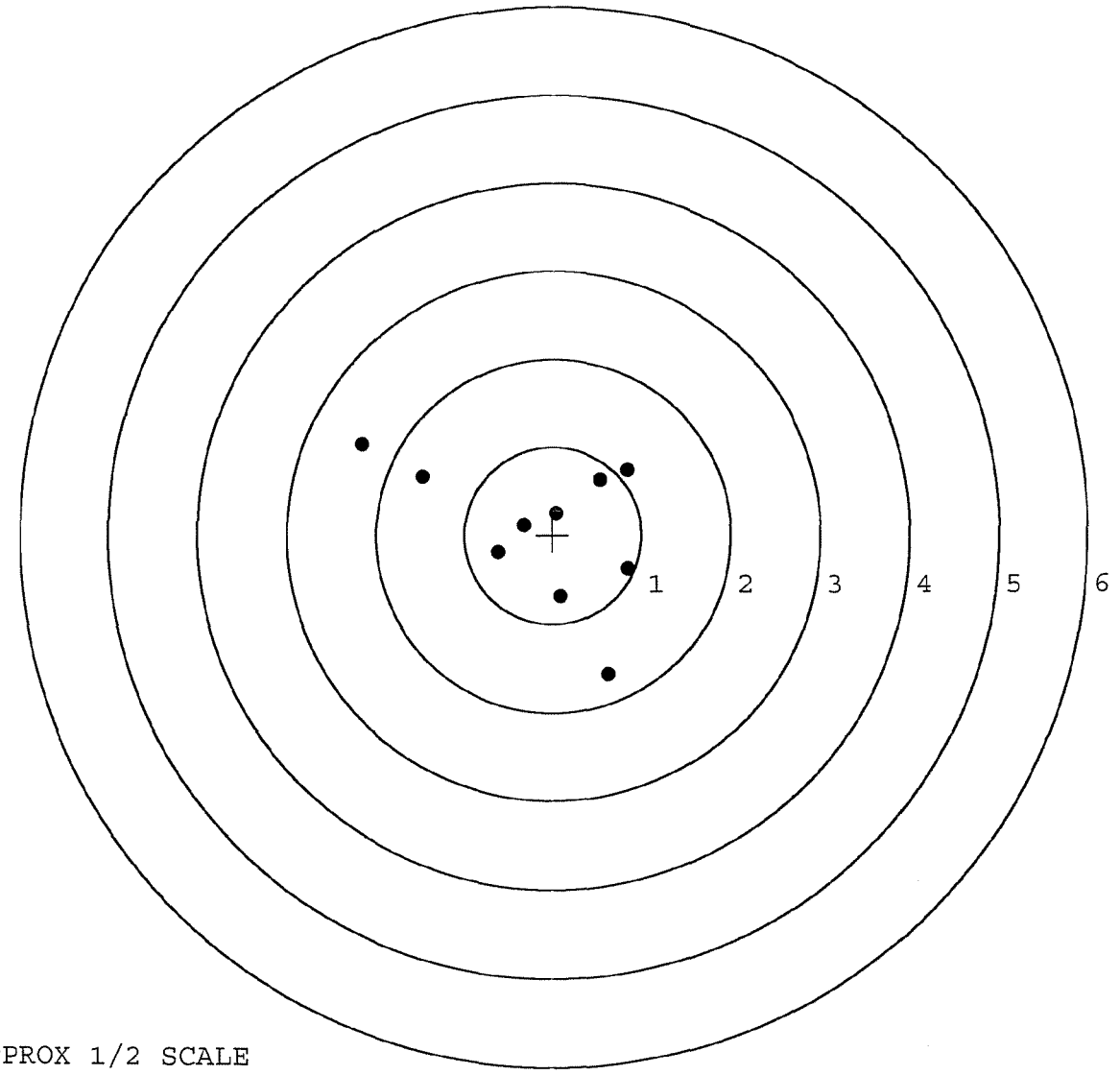
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.018
The Average Y Centroid of the Five Target Set:	0.094
The Average Point of Impact of the Five Target Set:	0.096
The Average Mean Radius of the Five Target Set:	0.675
The Distance from POA to Centroid Target #1:	0.168
The Distance from Centroid Target #2 to Centroid Target #1:	0.099
The Distance from Centroid Target #3 to Centroid Target #1:	0.189
The Distance from Centroid Target #4 to Centroid Target #1:	0.297
The Distance from Centroid Target #5 to Centroid Target #1:	0.200

SERIAL NUMBER: C6225294.__0
TARGET NUMBER: 1
FILE DATE: 01/30/2007
FILE TIME: 13:41

X CENTROID:	-0.158
Y CENTROID:	0.056
POA TO CENTROID:	0.168
HORZ SPREAD:	3.006
VERT SPREAD:	2.603
GROUP SPREAD:	3.814
MIN RADIUS:	0.174
MAX RADIUS:	2.224
MEAN RADIUS:	1.045
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.631	-1.572
2:	0.090	-0.695
3:	0.849	-0.384
4:	-0.617	-0.195
5:	-0.324	0.108
6:	0.044	0.240
7:	0.840	0.735
8:	-1.477	0.660
9:	-2.157	1.031
10:	0.538	0.630

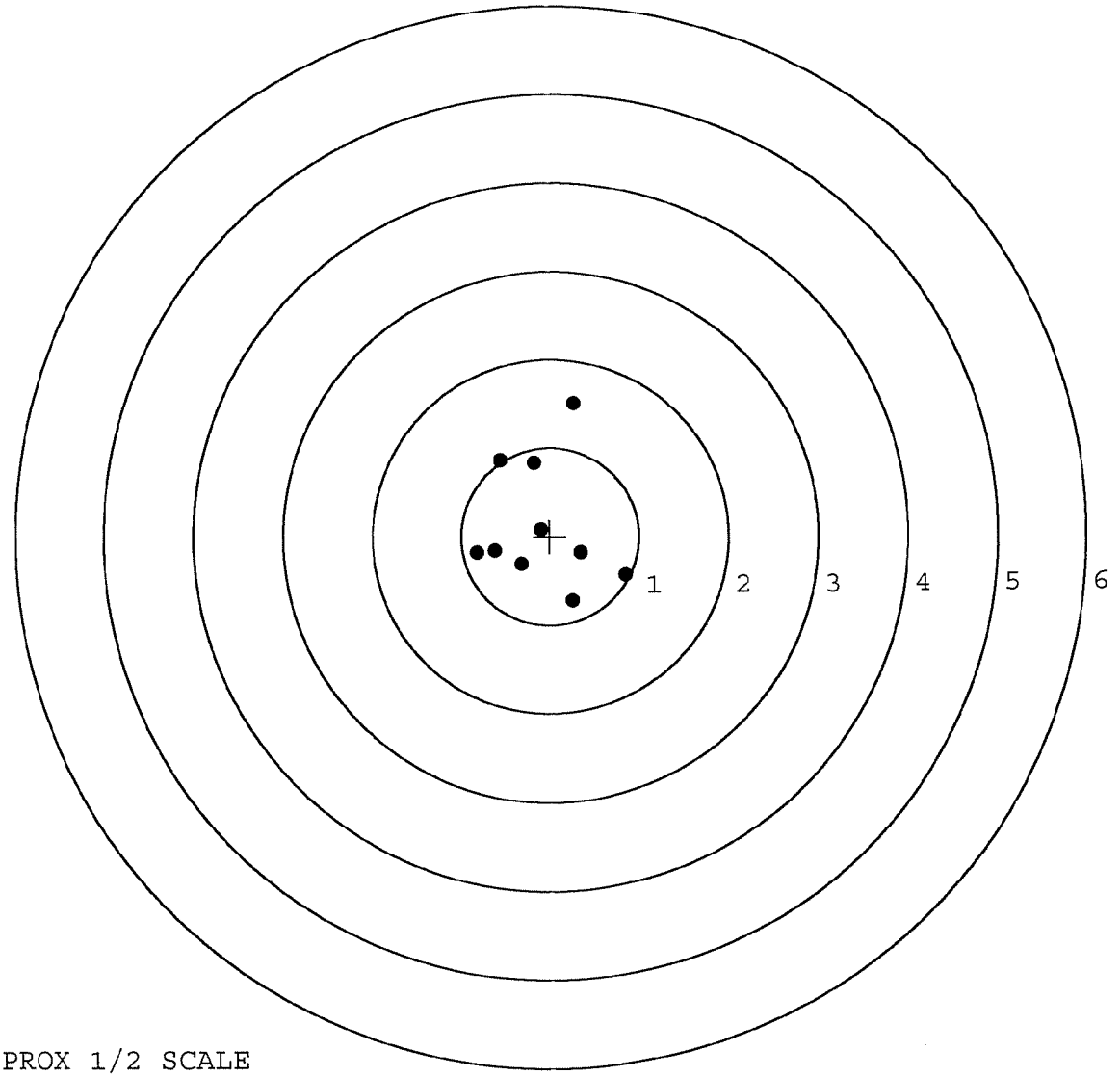


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225294.__0
TARGET NUMBER: 2
FILE DATE: 01/30/2007
FILE TIME: 13:41

X CENTROID:	-0.087
Y CENTROID:	0.124
POA TO CENTROID:	0.152
HORZ SPREAD:	1.673
VERT SPREAD:	2.228
GROUP SPREAD:	2.228
MIN RADIUS:	0.048
MAX RADIUS:	1.420
MEAN RADIUS:	0.752
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.257	-0.732
2:	0.848	-0.443
3:	0.352	-0.192
4:	-0.104	0.079
5:	-0.326	-0.318
6:	-0.825	-0.186
7:	-0.556	0.866
8:	-0.176	0.832
9:	0.279	1.496
10:	-0.621	-0.160

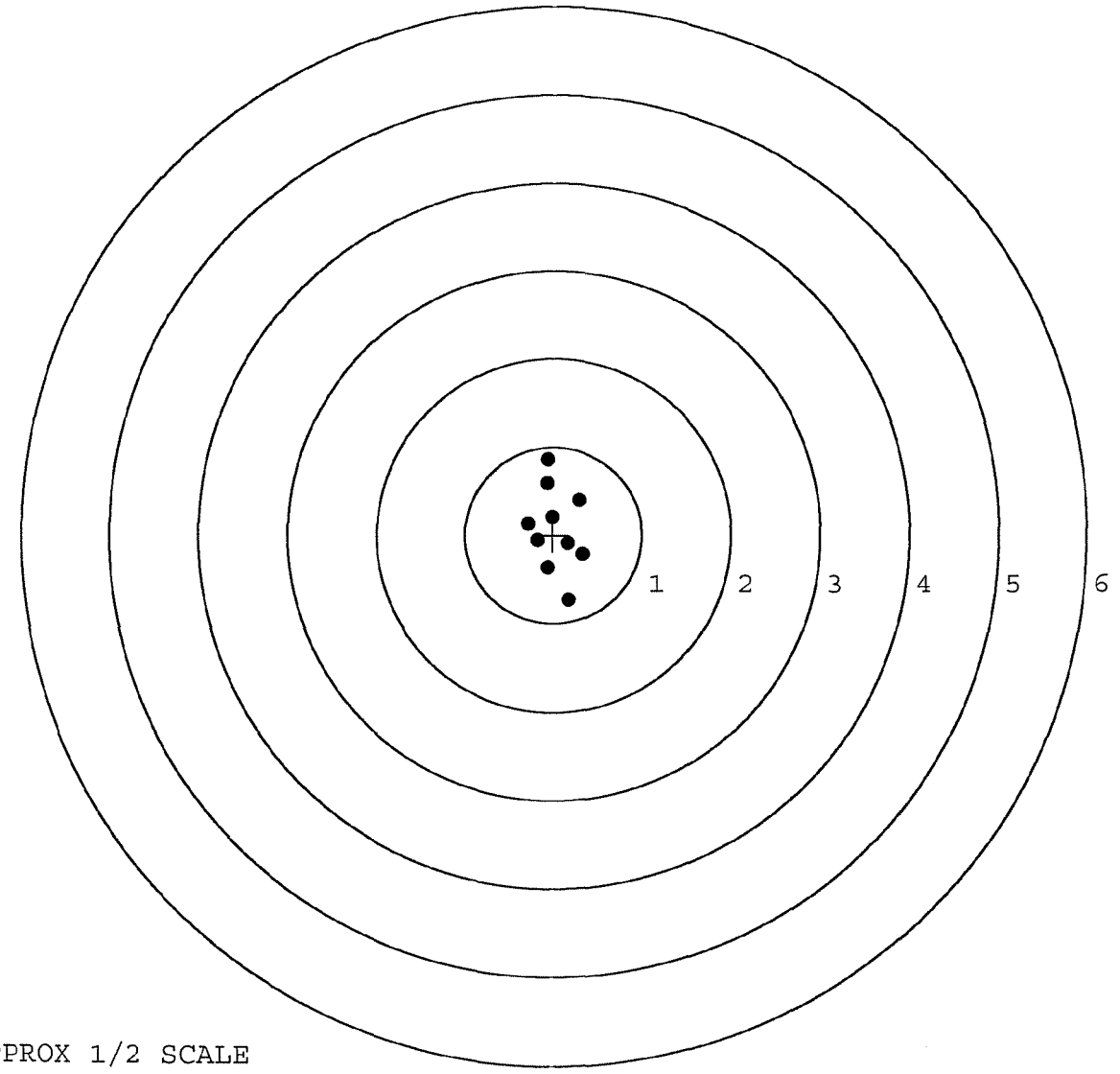


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225294.__0
TARGET NUMBER: 3
FILE DATE: 01/30/2007
FILE TIME: 13:41

X CENTROID:	0.031
Y CENTROID:	0.067
POA TO CENTROID:	0.073
HORZ SPREAD:	0.631
VERT SPREAD:	1.599
GROUP SPREAD:	1.617
MIN RADIUS:	0.140
MAX RADIUS:	0.825
MEAN RADIUS:	0.438
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.177	-0.745
2:	-0.063	0.854
3:	-0.069	0.593
4:	0.298	0.397
5:	-0.010	0.201
6:	-0.291	0.127
7:	-0.179	-0.066
8:	0.340	-0.223
9:	-0.066	-0.374
10:	0.169	-0.098

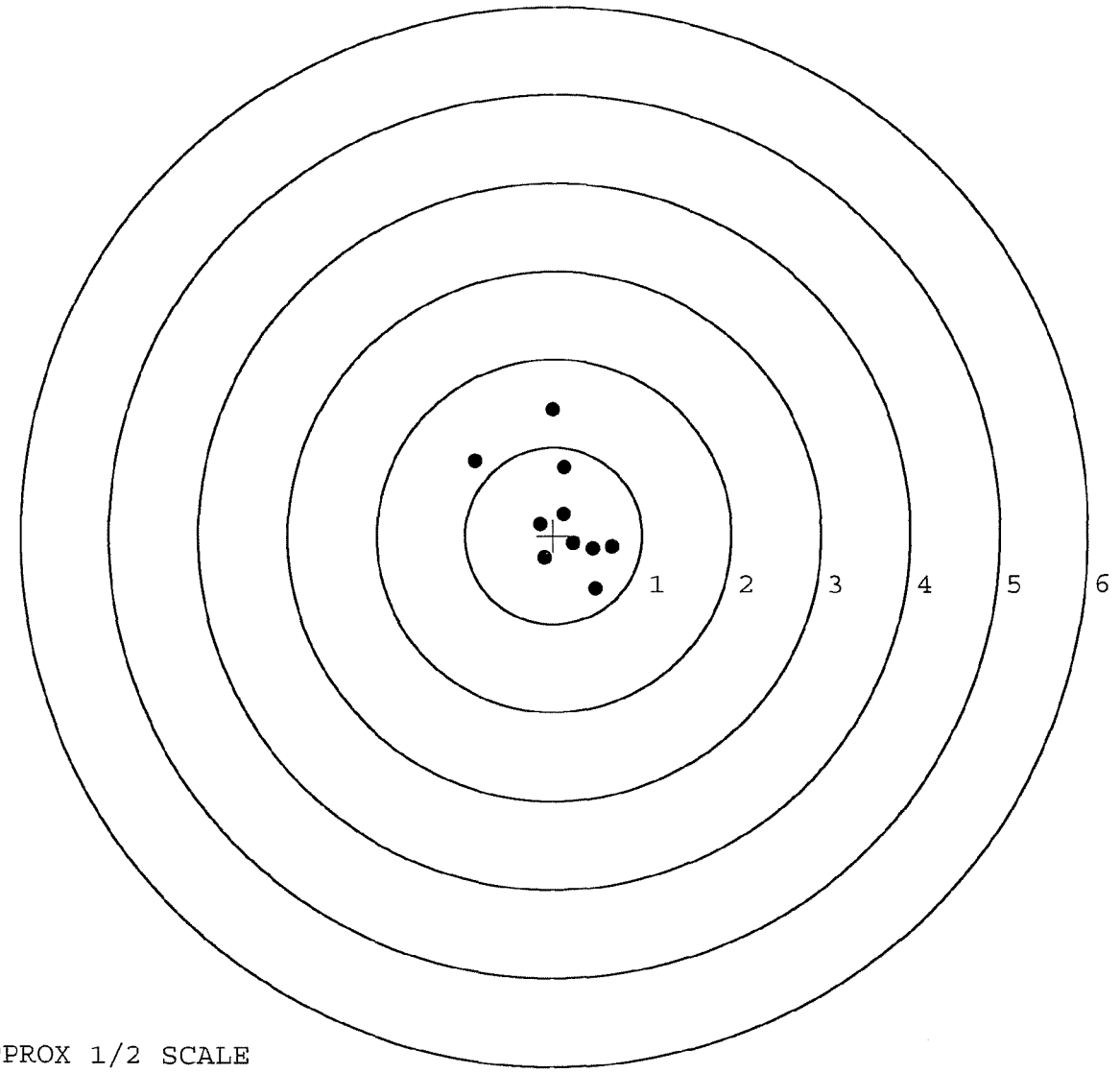


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225294.__0
TARGET NUMBER: 4
FILE DATE: 01/30/2007
FILE TIME: 13:41

X CENTROID:	0.090
Y CENTROID:	0.219
POA TO CENTROID:	0.237
HORZ SPREAD:	1.555
VERT SPREAD:	2.027
GROUP SPREAD:	2.086
MIN RADIUS:	0.036
MAX RADIUS:	1.211
MEAN RADIUS:	0.617
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.475	-0.602
2:	0.120	0.771
3:	-0.016	1.425
4:	-0.890	0.846
5:	0.665	-0.129
6:	0.449	-0.149
7:	0.233	-0.090
8:	0.119	0.241
9:	-0.153	0.133
10:	-0.101	-0.255

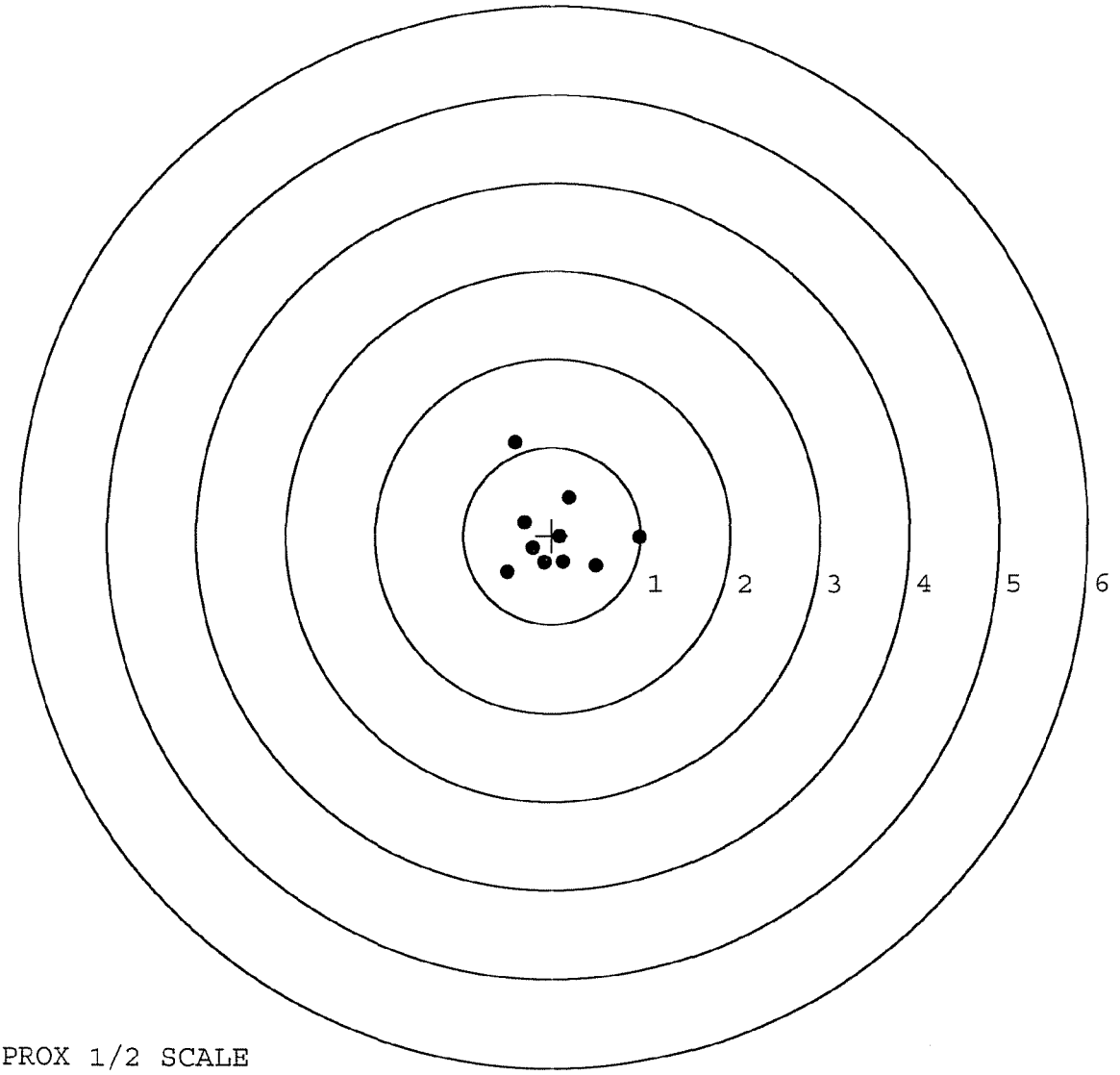


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225294.__0
TARGET NUMBER: 5
FILE DATE: 01/30/2007
FILE TIME: 13:41

X CENTROID:	0.035
Y CENTROID:	0.006
POA TO CENTROID:	0.036
HORZ SPREAD:	1.493
VERT SPREAD:	1.473
GROUP SPREAD:	1.778
MIN RADIUS:	0.061
MAX RADIUS:	1.145
MEAN RADIUS:	0.522
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.988	-0.029
2:	0.498	-0.352
3:	-0.505	-0.417
4:	0.192	0.431
5:	-0.421	1.056
6:	-0.317	0.149
7:	-0.214	-0.143
8:	0.091	-0.018
9:	0.131	-0.304
10:	-0.093	-0.312



TARGET APPROX 1/2 SCALE

BARBER - M24 0012170

EQUIPMENT I[illegible]ON AND MAINTENANCE WORKSHEET

For use of this form, se[illegible] 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
Co 2-1SFG ODA 165	M 24 SNIPER WEAPON SYSTEM

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
NSN. 1005.01.240.2136 SN. C6225294						TI

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-1005.306.2136	06/89		

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
Donald		Donald		

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
		check headspace	Failed headspace – closes on NO-go Donald	

1ST SFG (A)
DS/GS ARMS SHOP
FT. LEWIS, WA

DA FORM 2404, APR 79 — Replaces edition of 1 Jan 64, which will be used — USAPPC V1.10

MAINTENANCE REQUEST (*Continuation Sheet*) For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG	PAGE NO 1	NO OF PAGES 1	REQUIREMENT CONTROL SYMBOL CSGLD-1047(*R1*)

SECTION II - MAINTENANCE ACTIVITY DATA

3a. WORK ORDER NUMBER (*WON*)	3b. SHOP SECTION CODE Arms Shop	3c. PHONE NO 967-8777

SECTION III - EQUIPMENT DATA

25. REMARKS

2/1 M24 C6225294

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
	A01	F	initial	01	arms	920		
	A02	K	processing			B20		
	A03	A	repair			920		
	A04	E	service			404		
	A05	T	test			804		
	A06	G	final			799		

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 $
Failed			head/pole/ send to Remington			For repair/replacement					

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

DA FORM 2407-1, JUL 94 PREVIOUS EDITIONS OF DA FORM 2407-1 AND DA FORM 5504-1 ARE OBSOLETE ORGANIZATION COPY

C. Ihr

M-24

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	123770
SERIAL NUMBER	C022529 4
LOG-IN DATE	1-17-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		1-18-07	RTL
505	RE-BARREL		1-19-07	RTL
420	ASSEMBLE		1-19-07	RTL
440	PROOF	MAGNA-FLUX INSPECTED JAN 2 3 2007 OPERATOR APD		
460	CHECK HEADSPACE		1-19-07	RP
470	DIS-ASSEMBLE GUN		1-22-07	RTL
480	MAGNAFLUX		1-23-07	APD
510	DRILL AND TAP		1-32-07	FM
500	ROLLMARK CALIBER		1-23-07	CW
520	GOFF BLAST BBL / REC		1-23-07	LB
530 & 540	APPLY COATINGS		1-25-07	WJ
560	FINAL ASSEMBLY		1-29-07	RTL
640	FUNCTION TEST AND	(PASS) FAIL	1/29/07	MOM
650	TARGET	(PASS) FAIL	1/29/07	MOM
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	1-29-07	TRW
670	FINAL INSPECTION		2-1-07	RTL
	A) HEADSPACE	(PASS) FAIL	2-1-07	RTL
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.31 2.30 2.31 2.32 2.35	1-31-07	TRW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6 5 5.5	1-31-07	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	2 2 2	1-31-07	DA
	I) FIRING PIN INDENT (.020)	.022 .022 .023	1-31-07	DA
690	PACK		2-1-07	DA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

_____ BARREL

_____ RECEIVER

_____ FRONT SIGHT BASE

_____ REAR SIGHT BASE

_____ SCREWS

_____ FINISH

SCOPE ASSEMBLY

_____ SCOPE

_____ SCOPE RINGS

_____ MOUNTING SCREWS

_____ MOUNTING BASE

_____ SCREWS

_____ FINISH

_____ CLARITY

STOCK ASSEMBLY

_____ STOCK

_____ SLING SWIVEL STUDS

_____

_____ BUTT PATE

_____ LOCK NUTS

_____ BARREL CLEARANCE

_____ COLOR / FINISH

SYSTEM CASE

_____ SCOPE CASE

_____ IRON SIGHTS

_____ DEPLOYMENT KIT

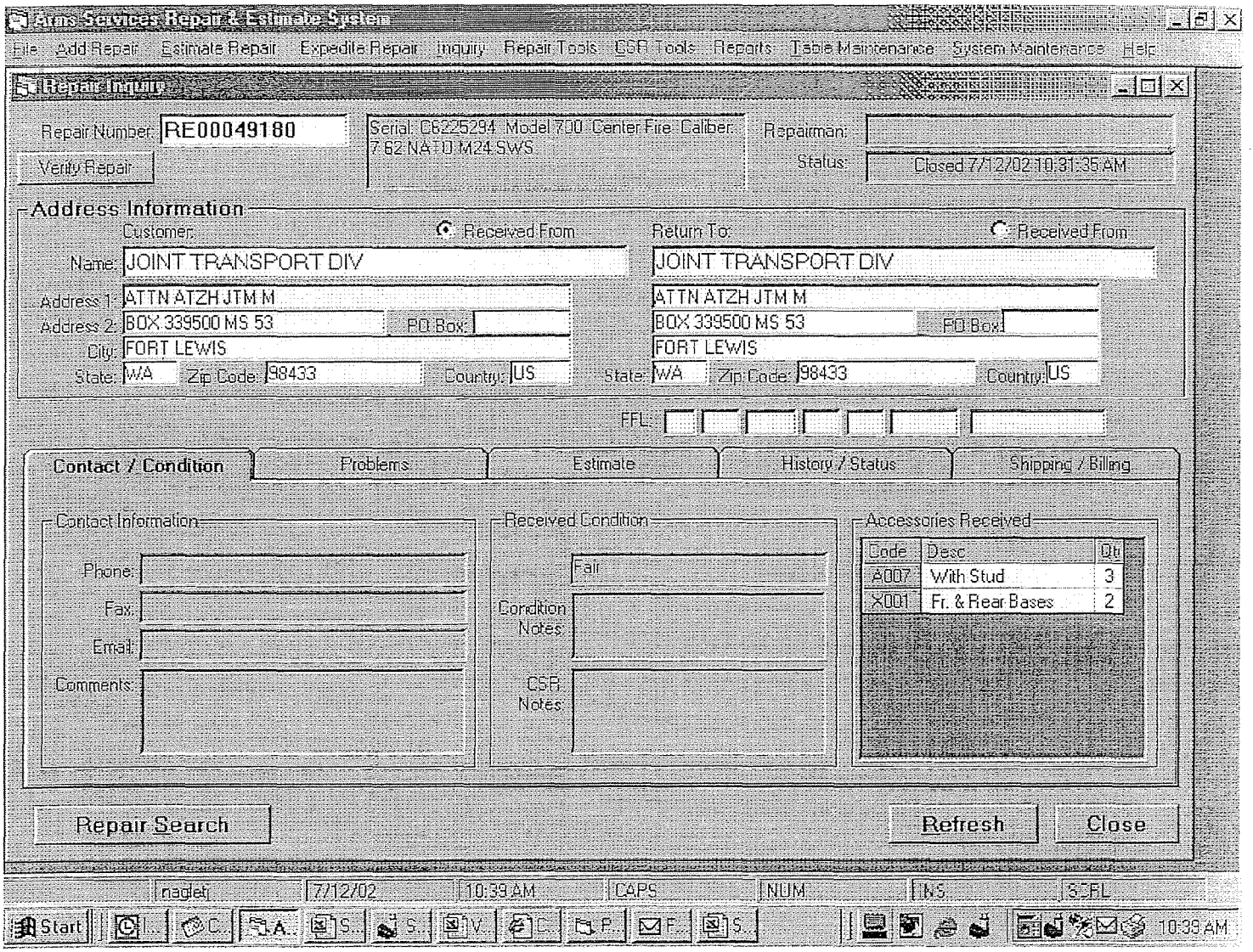
TRIGGER ASSEMBLY

_____ SAFETY OPERATION

_____ RE-SET TO FACTORY SPECS

COMMENTS: _____

F006 REV 5/2006



Serial Number: C6225294

Model: 700

RE00049180

SWS/Repair

[redacted]

Final Inspection

Sn: C622529 4	Date Rec'd: 7/12/07	Date Ret'd: 8/15/07

Auditor: RL

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: _____

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

R & E NUMBER	49180
SERIAL NUMBER	C6225294
LOG-IN DATE	7/11/02

INSPECT AND VERIFY:

OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7/15/02	RL
560 A	RE-BARREL	7/15/02	DA
B	DRILL AND TAP	7-17-02	AC
575	ASSEMBLE	7/19/02	RL
600	PROOF	7-20-02	AC
605	CHECK HEADSPACE	7/22/02	RL
610	DIS-ASSEMBLE GUN	7/22/02	RL
612	MAGNAFLUX	MAGNA FLUX INSPECTED JUL 23 2002 OPERATOR	
615	ROLLMARK CALIBER	7/23/02	TD
618	ROTO-BLAST	7/25/02	KO
620	APPLY COATINGS	RR 7-26	TA
625 A	FINAL ASSEMBLY	8-2-02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-5-02	TBW
655	FINAL INSPECT	8/6/02	RL
660	PACK	8-6-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225294.__0
FILE DATE AND TIME: 08/06/2002 13:41

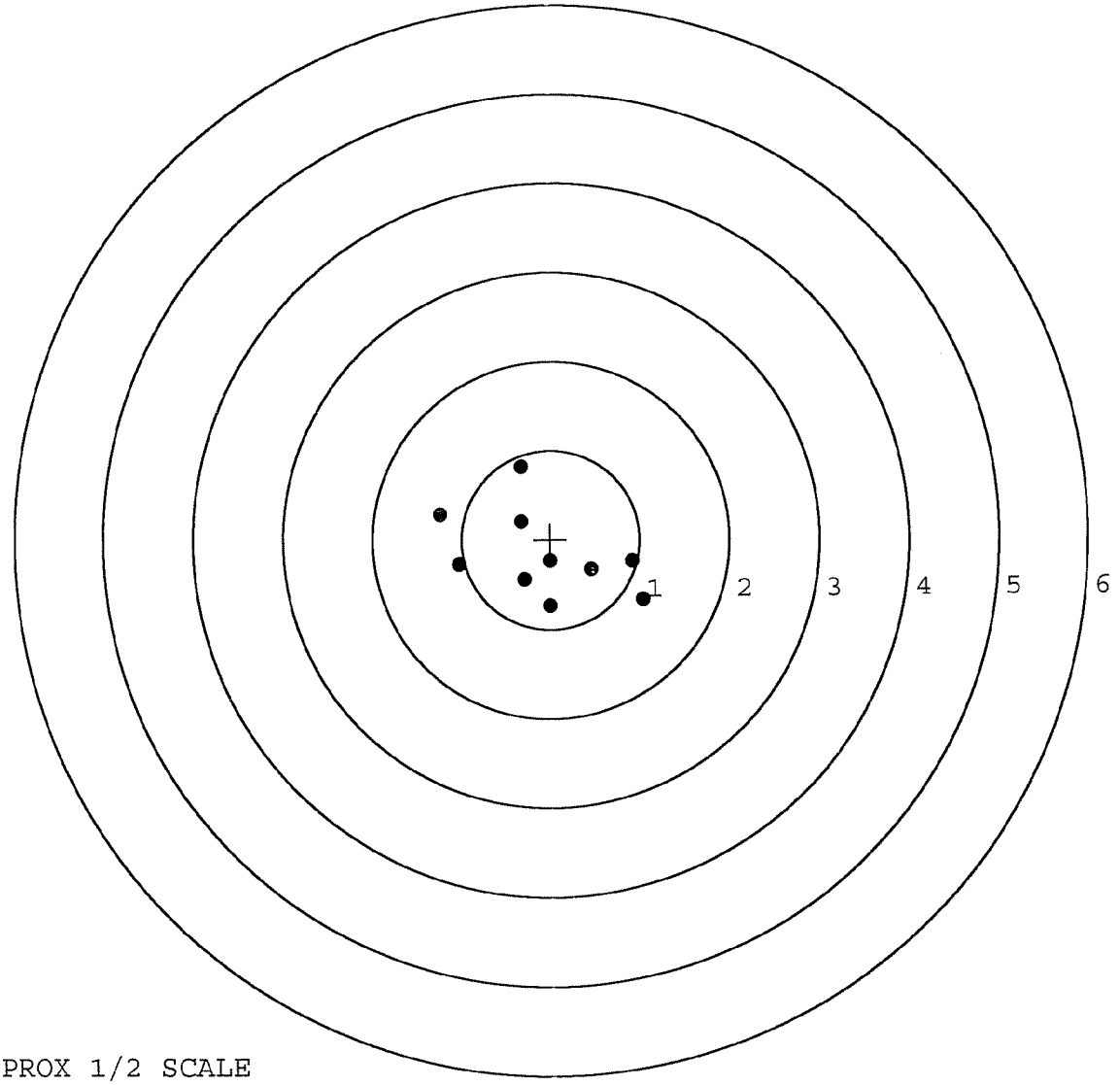
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.020
The Average Y Centroid of the Five Target Set:	-0.090
The Average Point of Impact of the Five Target Set:	0.092
The Average Mean Radius of the Five Target Set:	0.593
The Distance from POA to Centroid Target #1:	0.186
The Distance from Centroid Target #2 to Centroid Target #1:	0.193
The Distance from Centroid Target #3 to Centroid Target #1:	0.032
The Distance from Centroid Target #4 to Centroid Target #1:	0.095
The Distance from Centroid Target #5 to Centroid Target #1:	0.253

SERIAL NUMBER: C6225294.__0
TARGET NUMBER: 1
FILE DATE: 08/06/2002
FILE TIME: 13:41

X CENTROID:	-0.083
Y CENTROID:	-0.167
POA TO CENTROID:	0.186
HORZ SPREAD:	2.278
VERT SPREAD:	1.560
GROUP SPREAD:	2.476
MIN RADIUS:	0.106
MAX RADIUS:	1.245
MEAN RADIUS:	0.751
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.037	-0.679
2:	0.920	-0.247
3:	0.459	-0.339
4:	-0.009	-0.746
5:	-0.299	-0.447
6:	-0.329	0.206
7:	-1.030	-0.279
8:	-1.241	0.290
9:	-0.330	0.814
10:	-0.008	-0.242

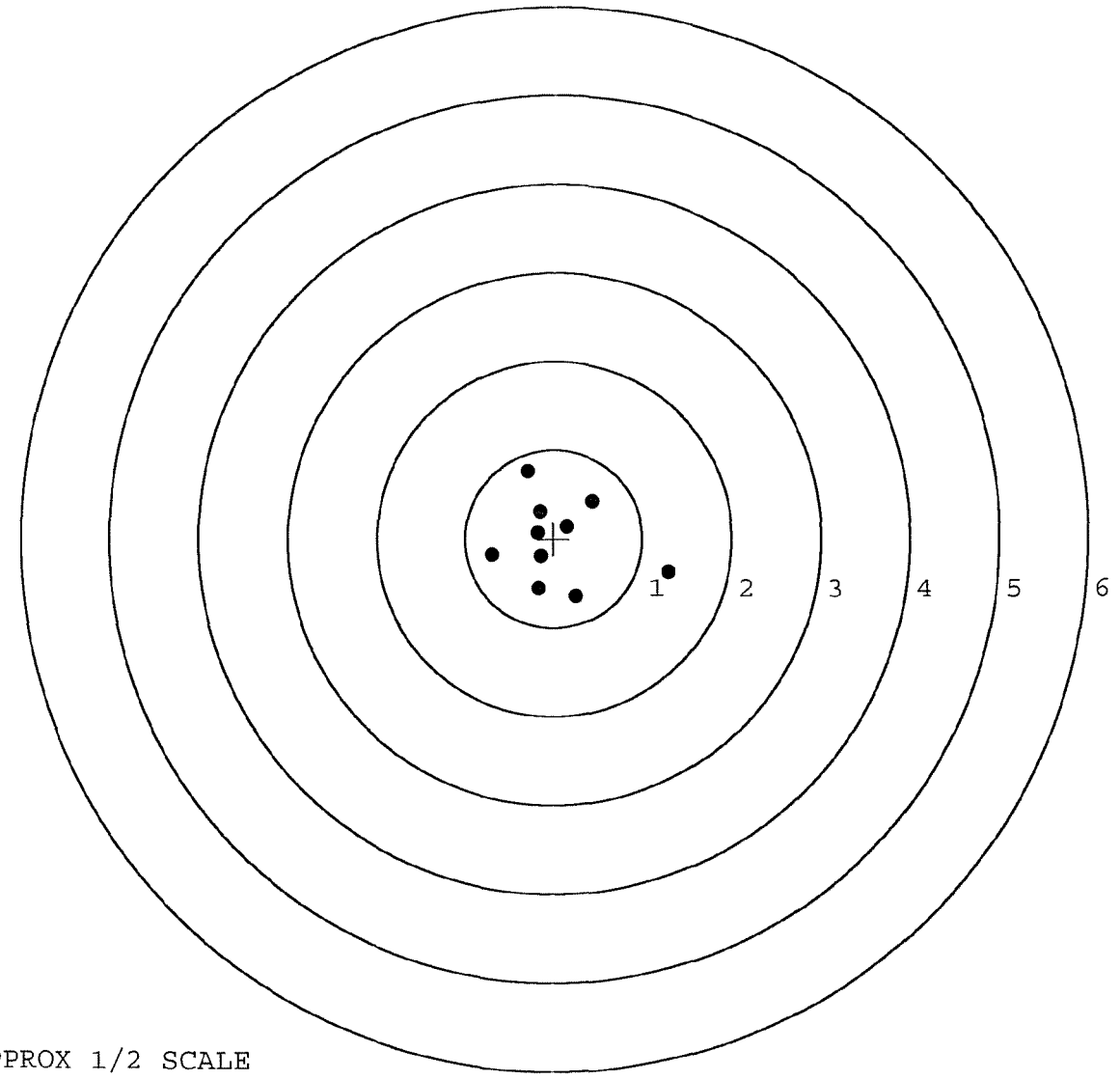


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225294.__0
TARGET NUMBER: 2
FILE DATE: 08/06/2002
FILE TIME: 13:41

X CENTROID:	0.050
Y CENTROID:	-0.027
POA TO CENTROID:	0.057
HORZ SPREAD:	1.989
VERT SPREAD:	1.408
GROUP SPREAD:	1.998
MIN RADIUS:	0.197
MAX RADIUS:	1.291
MEAN RADIUS:	0.583
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.294	-0.374
2:	0.255	-0.651
3:	-0.173	-0.565
4:	-0.695	-0.180
5:	-0.300	0.757
6:	0.439	0.423
7:	-0.160	0.303
8:	0.156	0.139
9:	-0.174	0.068
10:	-0.141	-0.194

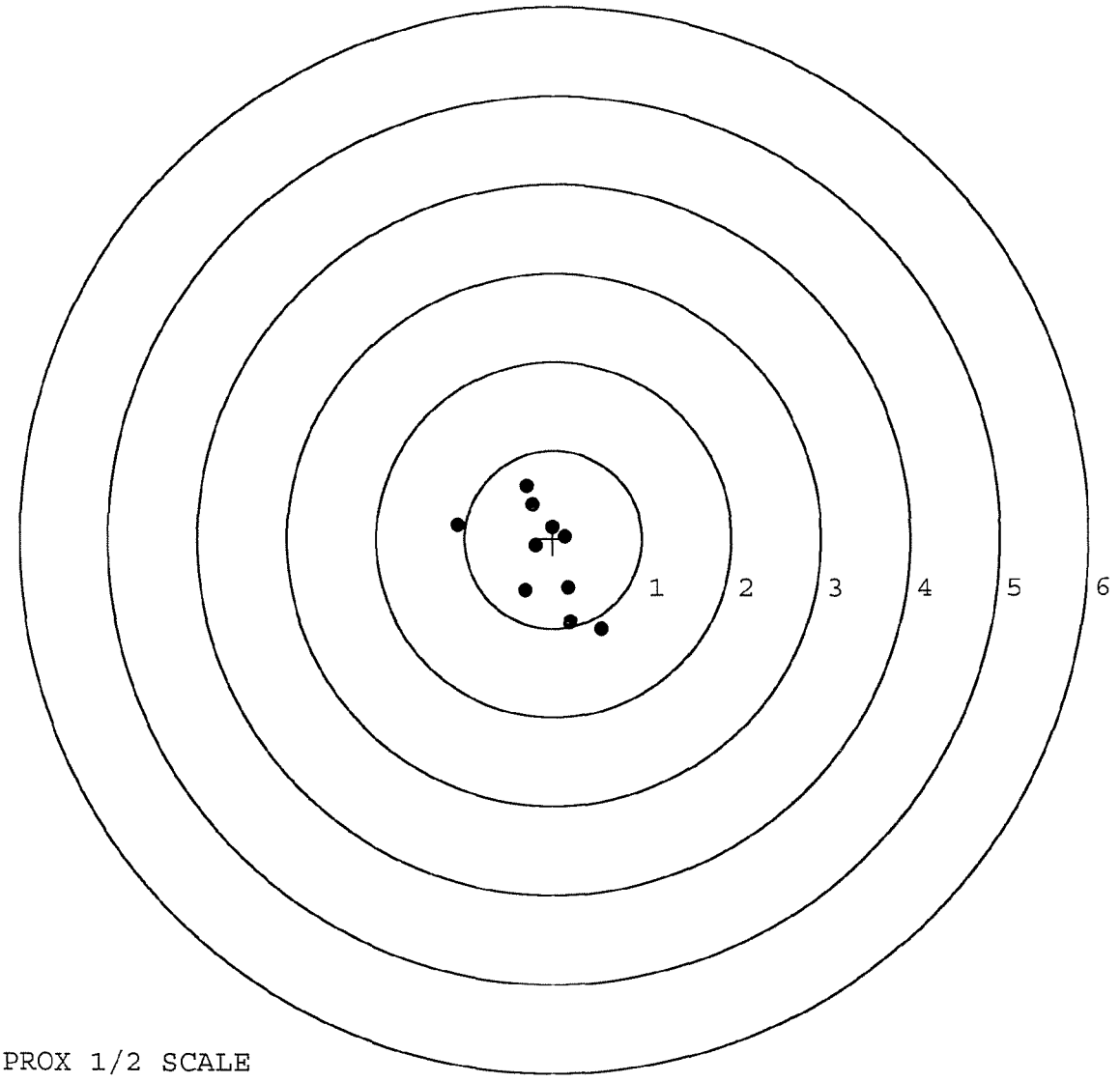


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225294.__0
TARGET NUMBER: 3
FILE DATE: 08/06/2002
FILE TIME: 13:41

X CENTROID:	-0.108
Y CENTROID:	-0.187
POA TO CENTROID:	0.216
HORZ SPREAD:	1.625
VERT SPREAD:	1.604
GROUP SPREAD:	2.001
MIN RADIUS:	0.135
MAX RADIUS:	1.051
MEAN RADIUS:	0.598
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.547	-1.009
2:	0.198	-0.936
3:	0.170	-0.554
4:	-0.314	-0.582
5:	0.140	0.024
6:	-0.195	-0.084
7:	-0.013	0.131
8:	-0.302	0.595
9:	-1.078	0.159
10:	-0.235	0.382

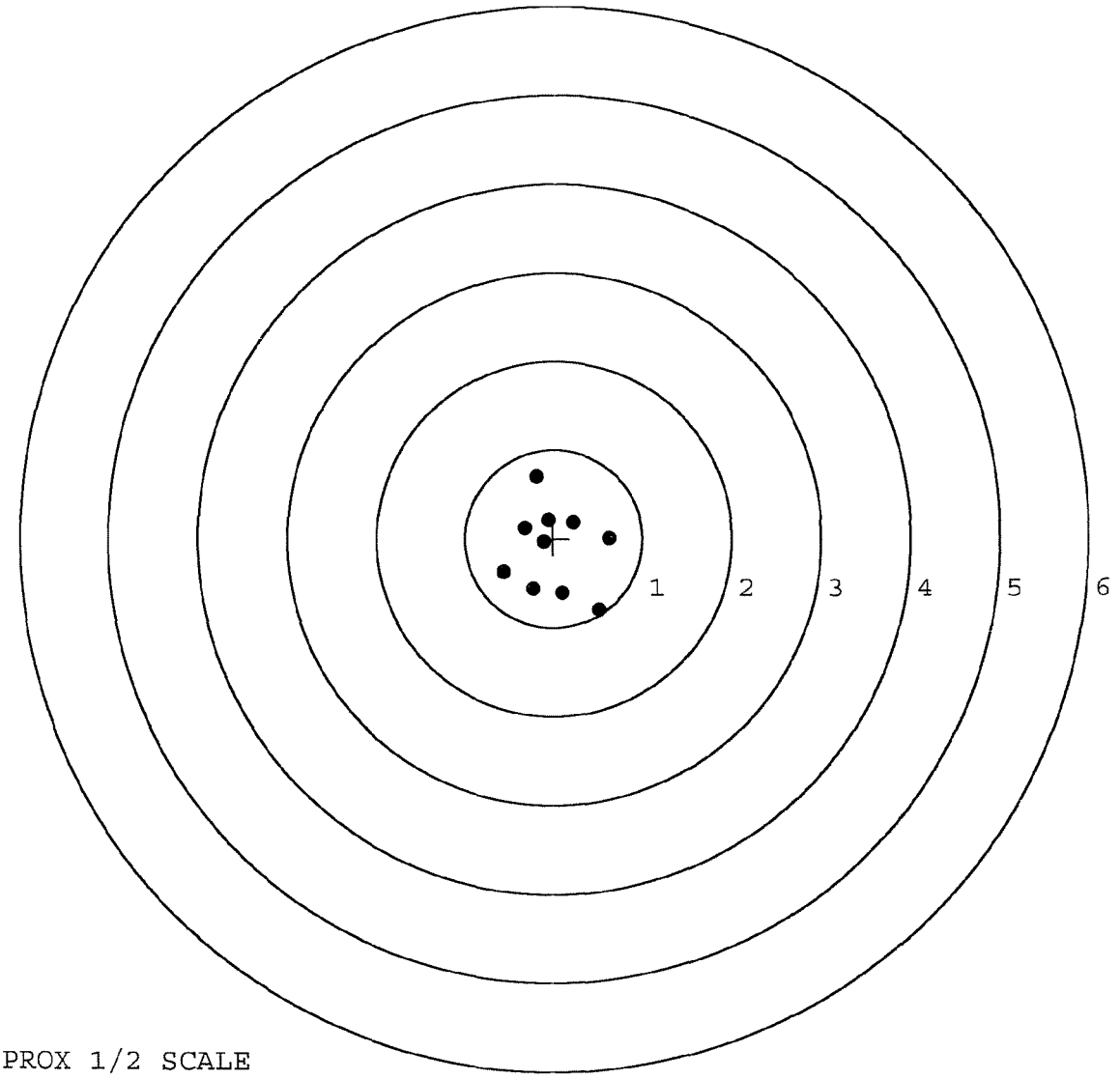


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225294.__0
TARGET NUMBER: 4
FILE DATE: 08/06/2002
FILE TIME: 13:41

X CENTROID:	-0.001
Y CENTROID:	-0.118
POA TO CENTROID:	0.118
HORZ SPREAD:	1.188
VERT SPREAD:	1.496
GROUP SPREAD:	1.657
MIN RADIUS:	0.138
MAX RADIUS:	0.857
MEAN RADIUS:	0.522
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.515	-0.802
2:	0.102	-0.616
3:	-0.232	-0.568
4:	-0.561	-0.380
5:	0.627	0.009
6:	0.233	0.182
7:	-0.198	0.694
8:	-0.058	0.213
9:	-0.326	0.121
10:	-0.112	-0.036

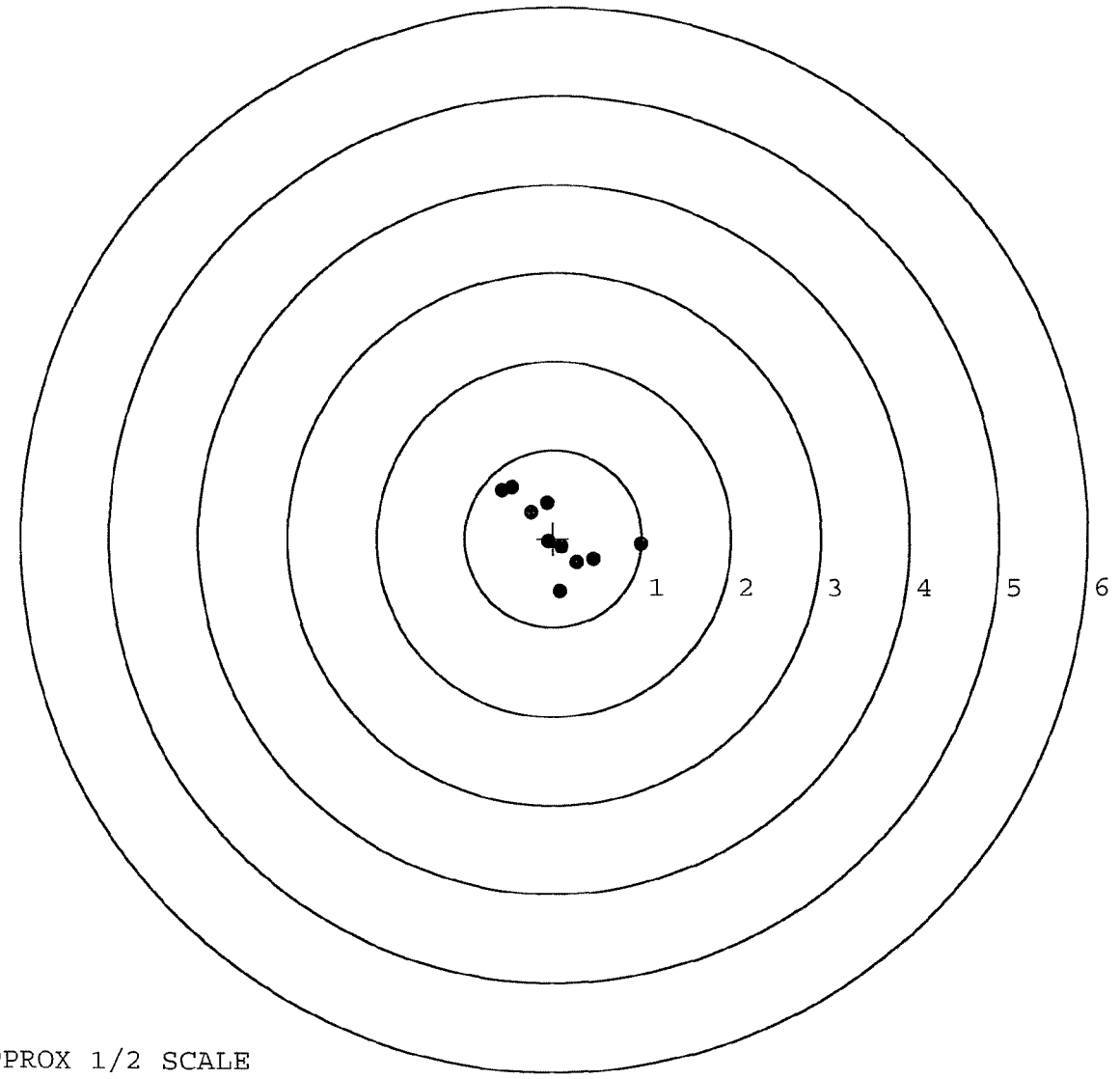


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225294.__0
TARGET NUMBER: 5
FILE DATE: 08/06/2002
FILE TIME: 13:41

X CENTROID:	0.045
Y CENTROID:	0.052
POA TO CENTROID:	0.069
HORZ SPREAD:	1.572
VERT SPREAD:	1.181
GROUP SPREAD:	1.687
MIN RADIUS:	0.136
MAX RADIUS:	0.952
MEAN RADIUS:	0.510
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.077	-0.600
2:	0.458	-0.233
3:	0.273	-0.275
4:	0.990	-0.063
5:	0.095	-0.099
6:	-0.472	0.581
7:	-0.582	0.549
8:	-0.079	0.404
9:	-0.257	0.295
10:	-0.057	-0.038



TARGET APPROX 1/2 SCALE

M-24

Scope 0184

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225294

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 21	89	RW
600	Proof	4 21	89	RW
607	Check Headspace	4 21	89	RW
610	Dis-assemble Gun	4 21	89	RW
612	Magnaflux Barrel Action		4/26	KCR
	Magnaflux Bolt		4/27	KCR
615	Rollmark Caliber		4/27	GS
617	Drill and Tap Sight Holes	4 27	89	FB
618	Polish Barrel RB	4 27	89	BT
620	Apply Coatings (Barrel Action)		5 2 89	KH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/17/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/17/89	RW
	C) Inspect Ejector Hole for Chamfer		5/17/89	RW
	D) Oil Firing Pin Ass'y		5/17/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/24/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/24/89	JJ
	G) Safety Off Force	3	3	3			5/24/89	JJ
	H) Trigger Pull Test & Retainability						5/24/89	WB
	I) Firing Pin Indent	.020	.020	.020			5/24/89	JL
	J) Assemble Stock						5/25/89	RW
	K) Assemble Swivel Studs						30May89	GS
	L) Attach Front and Rear Sight Assemblies						5/25/89	RW
	M) Iron Sight Alignment						5/25/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/25/89	RW
	O) Attach Scope to Rifle						5/24/89	WB
	P) Detach & Attach Scope 20 Times						5-25-89	MS
640	Gallery Target & Test	56 R	97 L				5-25-89	[illegible]
	A) Time						11	[illegible]
	B) Malfunctions						11	[illegible]
	C) Pierced Primers						11	[illegible]
	D) Optical Clearity of Scope						11	[illegible]
645	Inspect for Live Ammo						5-25-89	[illegible]
655	Final Inspection A) Headspace						30May89	GS
	B) Trigger Pull	2.45	2.43	2.40	2.39	2.43	30May89	GS
	C) Function						30May89	GS
660	Pack						2 June 89	GS

SWS TRIGGER PULL TEST

C6225294

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

SERIAL NO. _____

DATE 5/24/89

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.29	2.15	2.45	MIN. SETTING,
PULL #2	2.42	2.51	2.22	2.43	NO AVG. OF 5
PULL #3	2.34	2.53	2.25	2.40	READINGS ACCEPT-
PULL #4	2.34	2.45	2.15	2.39	ABLE LESS THAN 2#
PULL #5	2.25	2.36	2.29	2.43	
TOTAL	11.92	12.14	11.06	12.10	
AVG.	2.38	2.43	2.21	2.42	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.34		
PULL #2	3.37	3.46		
PULL #3	3.19	3.46		
PULL #4	3.28	3.50		
PULL #5	3.16	3.59		
TOTAL	16.10	17.35		
AVG.	3.22	3.47		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	3.98		4.14
PULL #2	4.04	4.00		4.26
PULL #3	4.04	4.09		4.14
PULL #4	4.06	4.08		4.21
PULL #5	4.10	4.00		4.20
TOTAL	20.37	20.15		20.95
AVG.	4.07	4.03		4.19

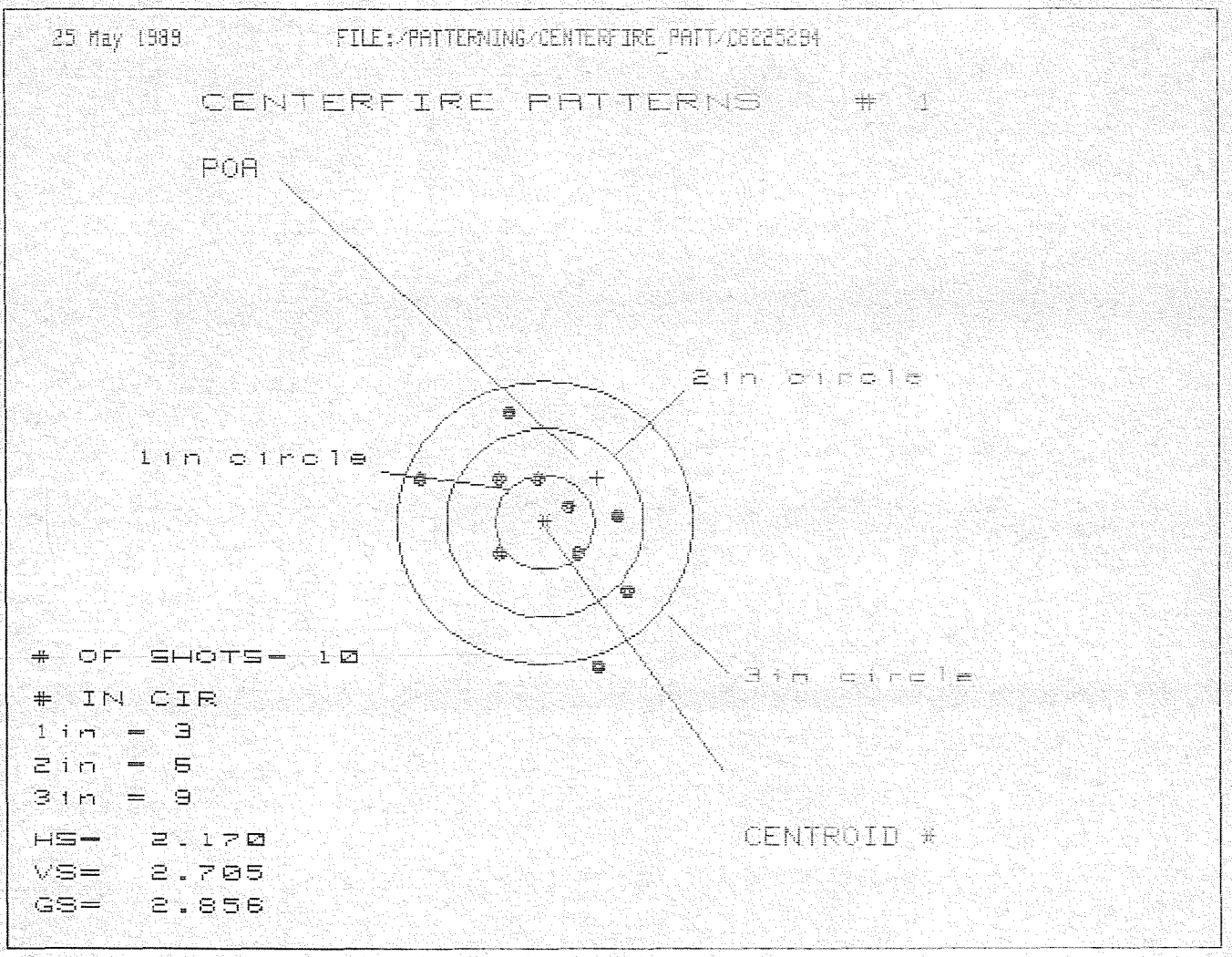
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225294
25 May 1989

CENTROIDAL DISTANCES

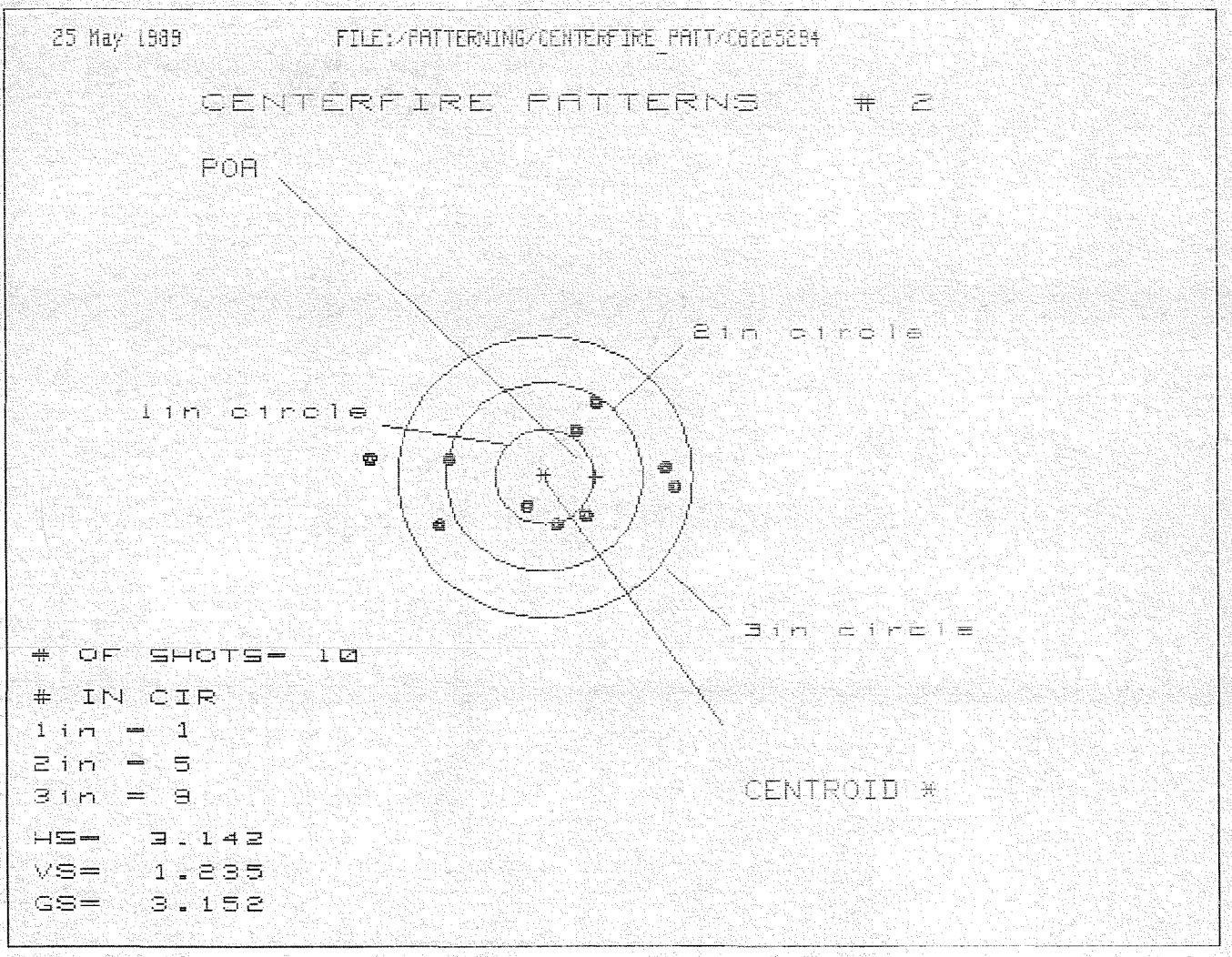
0	TO	1	.71495
1	TO	2	.479176
1	TO	3	.824229
1	TO	4	.835455
1	TO	5	.563392

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2462
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0454
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .250351

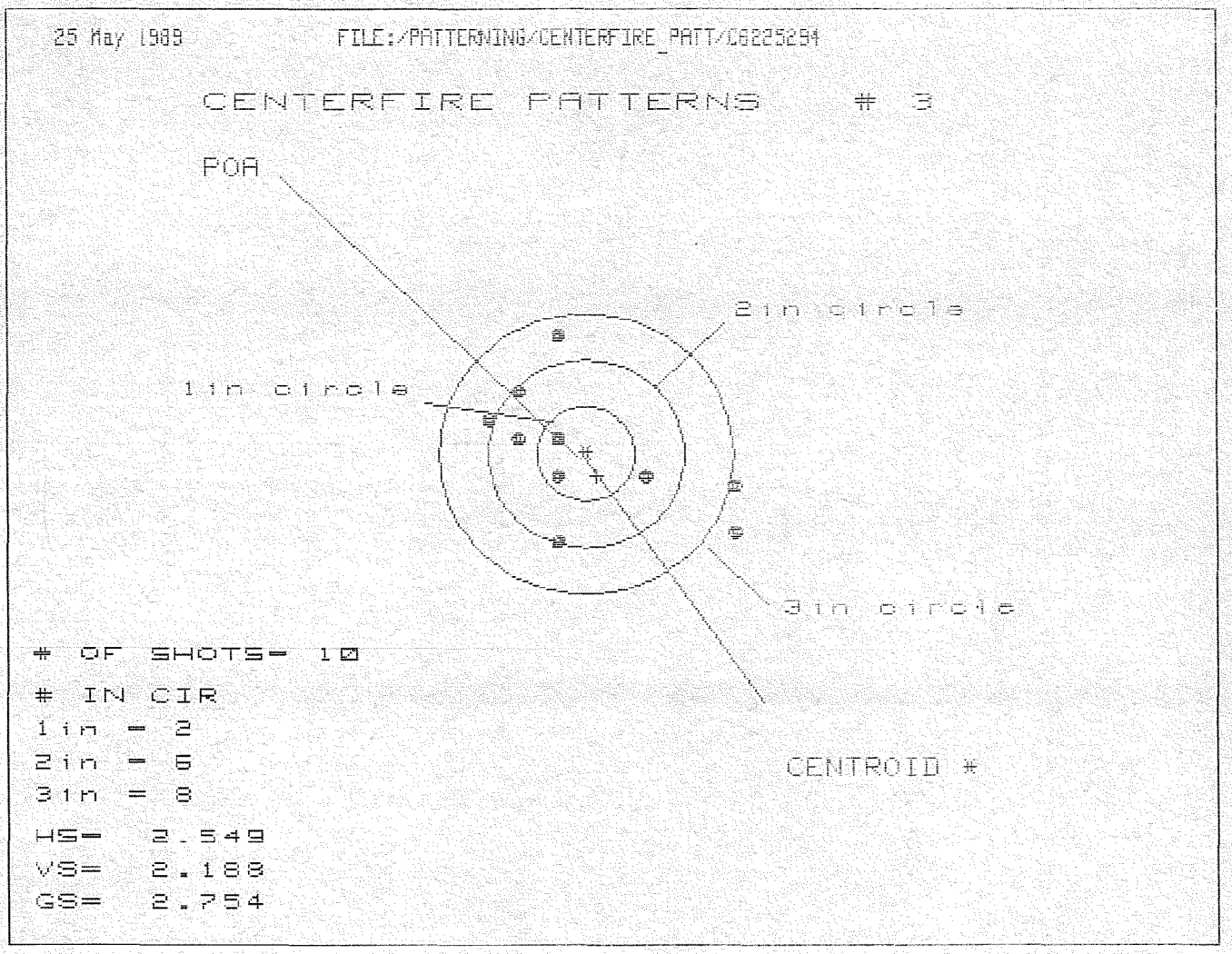
THE AMR FOR THIS RIFLE IS: .8596



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.868	.925	.769
MINIMUM X	:	-1.302	-1.245	-.593
MAXIMUM Y	:	1.221	1.056	1.097
MINIMUM Y	:	-1.484	-.861	-.820
CENTROID X	:	-.537	-.594	-.438
CENTROID Y	:	-.472	-.307	-.348
POA TO CENTROID in.	:	.715	.668	.559
MIN RADIUS	:	.306	.307	.173
MEAN RADIUS	:	.858	.766	.679
MAX RADIUS	:	1.570	1.287	1.206
HORIZONTAL SPREAD	:	2.170	2.170	1.862
VERTICAL SPREAD	:	2.705	1.917	1.917
EXTREME SPREAD	:	2.856	2.473	2.300
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



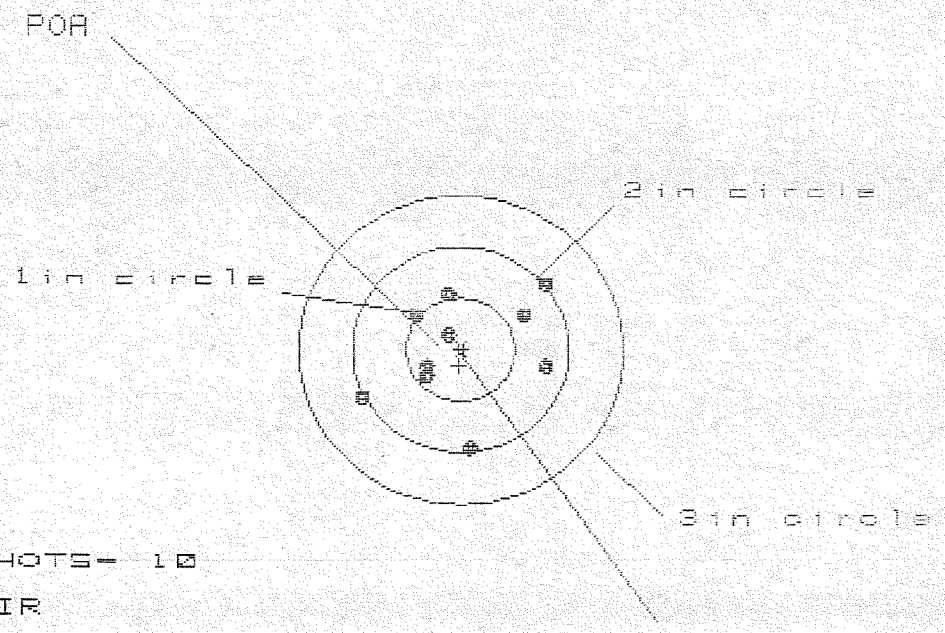
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.366	1.169	1.144
MINIMUM X	:	-1.776	-1.249	-1.103
MAXIMUM Y	:	.745	.765	.758
MINIMUM Y	:	-.490	-.470	-.477
CENTROID X	:	-.524	-.327	-.473
CENTROID Y	:	.007	-.013	-.006
POA TO CENTROID in.	:	.524	.327	.473
MIN RADIUS	:	.407	.430	.427
MEAN RADIUS	:	.955	.837	.795
MAX RADIUS	:	1.785	1.327	1.193
HORIZONTAL SPREAD	:	3.142	2.418	2.247
VERTICAL SPREAD	:	1.235	1.235	1.235
EXTREME SPREAD	:	3.152	2.449	2.319
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.521	1.685	1.023
MINIMUM X	:	-1.028	-.864	-.653
MAXIMUM Y	:	1.261	1.169	1.111
MINIMUM Y	:	-.927	-1.019	-1.077
CENTROID X	:	-.110	-.273	-.484
CENTROID Y	:	.233	.325	.383
POA TO CENTROID in.	:	.257	.425	.617
MIN RADIUS	:	.373	.187	.091
MEAN RADIUS	:	.972	.842	.671
MAX RADIUS	:	1.692	1.748	1.113
HORIZONTAL SPREAD	:	2.549	2.549	1.676
VERTICAL SPREAD	:	2.188	2.188	2.188
EXTREME SPREAD	:	2.754	2.642	2.189
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

25 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/05225284

CENTERFIRE PATTERNS # 4

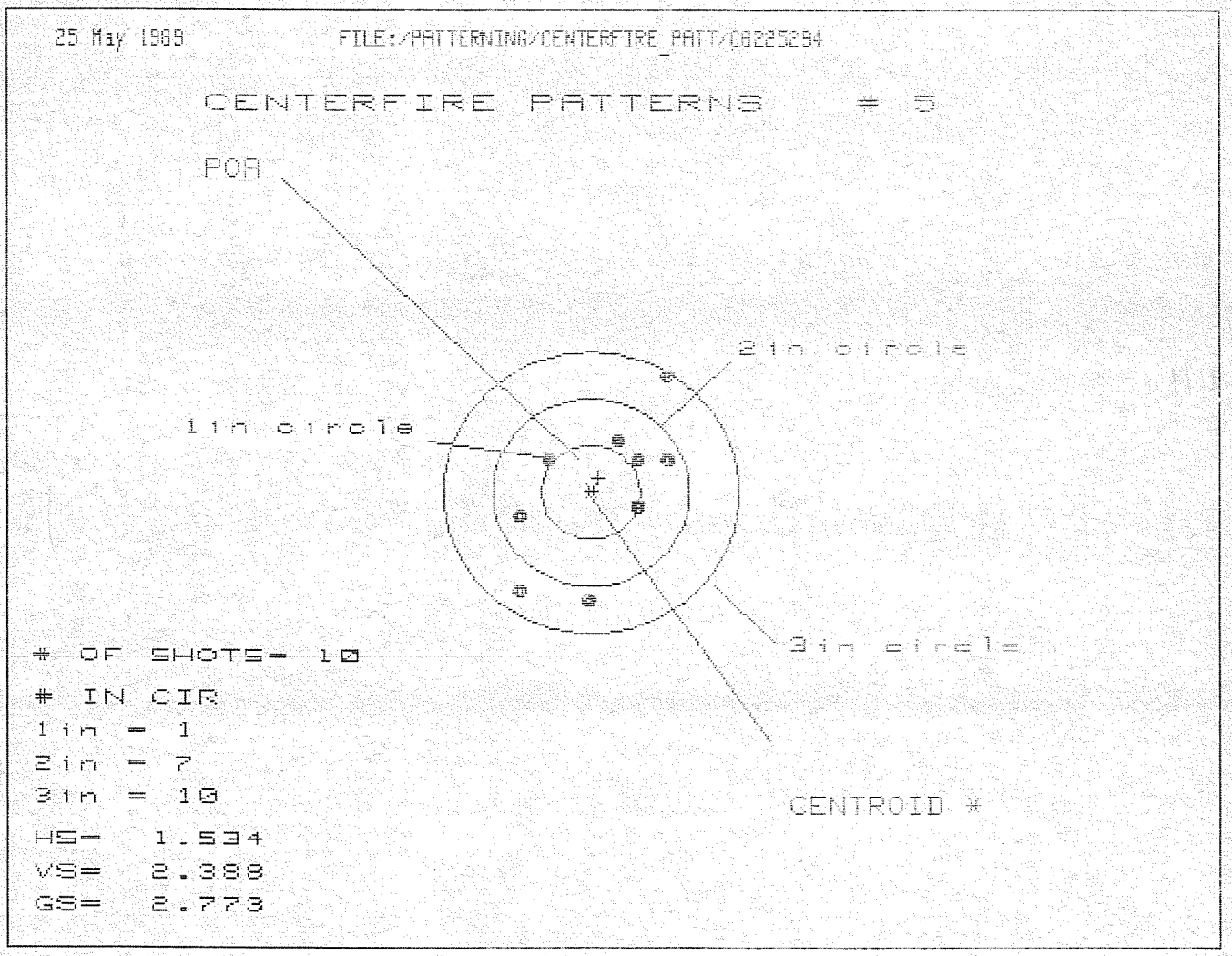


OF SHOTS= 10

# IN CIR
1in = 3
2in = 8
3in = 10

HS= 1.731
VS= 1.545
GS= 2.061

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.822	.721	.747
MINIMUM X	:	-.909	-.554	-.464
MAXIMUM Y	:	.614	.557	.569
MINIMUM Y	:	-.931	-.988	-.918
CENTROID X	:	.014	.115	.025
CENTROID Y	:	.156	.213	.143
POA TO CENTROID in.	:	.157	.242	.145
MIN RADIUS	:	.223	.272	.240
MEAN RADIUS	:	.658	.621	.567
MAX RADIUS	:	1.040	.990	.918
HORIZONTAL SPREAD	:	1.731	1.275	1.211
VERTICAL SPREAD	:	1.545	1.545	1.487
EXTREME SPREAD	:	2.061	1.733	1.491
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.770	.854	.771
MINIMUM X	:	-.764	-.680	-.762
MAXIMUM Y	:	1.252	.671	.554
MINIMUM Y	:	-1.136	-.997	-1.114
CENTROID X	:	-.074	-.158	-.076
CENTROID Y	:	-.151	-.290	-.173
POA TO CENTROID in.	:	.168	.331	.189
MIN RADIUS	:	.455	.519	.450
MEAN RADIUS	:	.855	.791	.724
MAX RADIUS	:	1.463	1.148	1.114
HORIZONTAL SPREAD	:	1.534	1.534	1.534
VERTICAL SPREAD	:	2.388	1.668	1.668
EXTREME SPREAD	:	2.773	2.115	1.723
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	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