

G-6535179

Raphae

C-6522317

Repair Inquiry

Repair Number: **RE00085650**

Serial: C6522317 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 9/28/2004 2:37:25 PM

Verify Repair

Address Information

Customer:

Received From:

Return To:

Received From:

Name: C CO SPT BN 1ST SWTG A

C CO SPT BN 1ST SWTG A

Address 1: AHN ARMAMENT FACILITY

AHN ARMAMENT FACILITY

Address 2: PO Box:

PO Box:

City: FT BRAGG

FT BRAGG

State: NC Zip Code: 28310 Country: US

State: NC Zip Code: 28310 Country: US

FFL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3

Repair Search

Refresh

Close

logletj

9/28/2004

2:53 PM

CAPS

NUM

INS

SCRL

start

2

3

Arm Services R...

4

Serial Number: **C6522317**

Model: **M24 SWS**



RE00085650

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522317.___0
FILE DATE AND TIME: 10/29/2004 08:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.038
The Average Y Centroid of the Five Target Set:	-0.166
The Average Point of Impact of the Five Target Set:	0.170
The Average Mean Radius of the Five Target Set:	0.652
The Distance from POA to Centroid Target #1:	0.475
The Distance from Centroid Target #2 to Centroid Target #1:	0.343
The Distance from Centroid Target #3 to Centroid Target #1:	0.261
The Distance from Centroid Target #4 to Centroid Target #1:	0.466
The Distance from Centroid Target #5 to Centroid Target #1:	0.506

SERIAL NUMBER: C6522317. __0

TARGET NUMBER: 1

FILE DATE: 10/29/2004

FILE TIME: 08:08

X CENTROID: -0.193

Y CENTROID: -0.434

POA TO CENTROID: 0.475

HORZ SPREAD: 1.377

VERT SPREAD: 1.494

GROUP SPREAD: 1.839

MIN RADIUS: 0.102

MAX RADIUS: 1.200

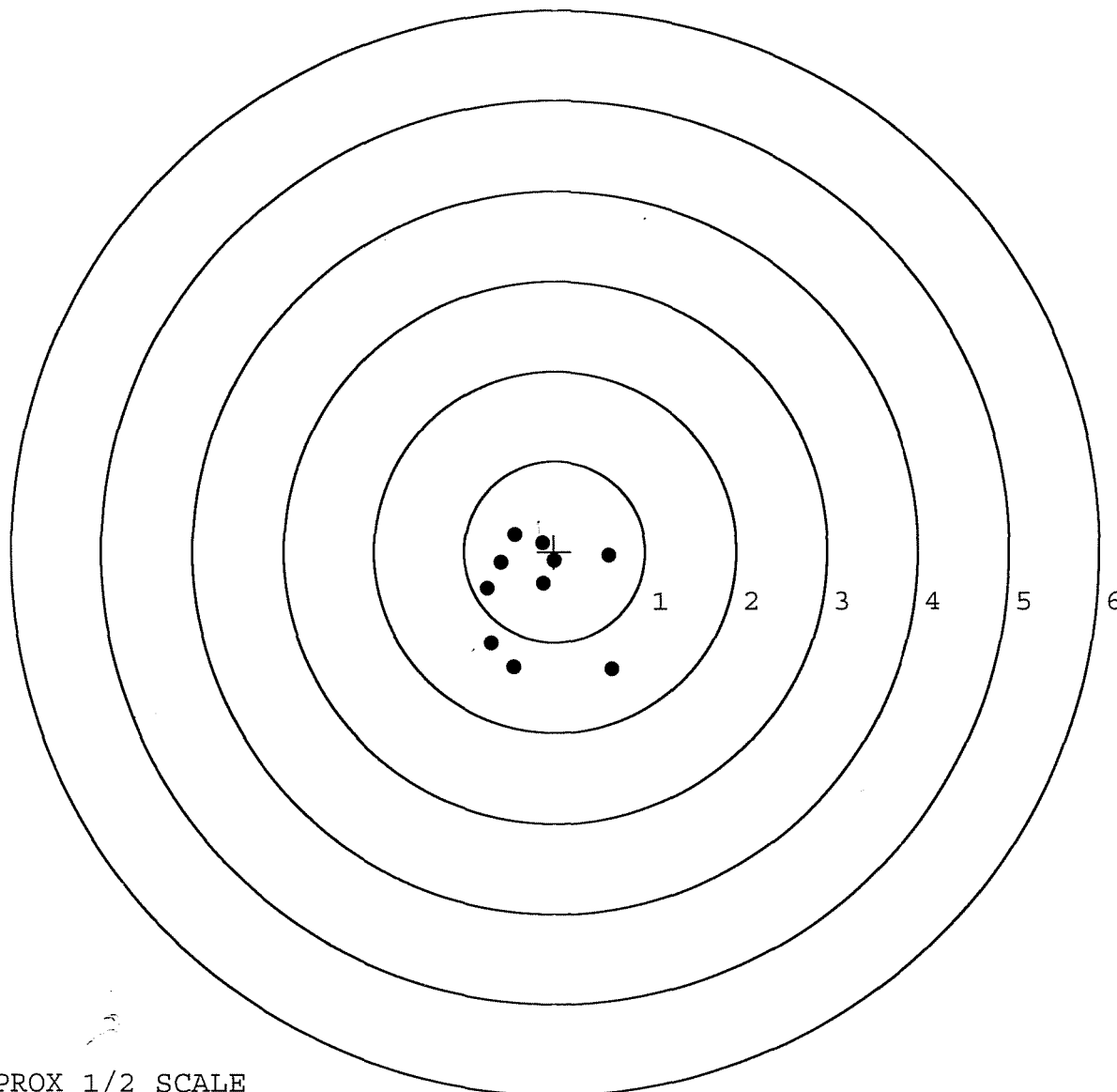
MEAN RADIUS: 0.649

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.636	-1.301
2:	-0.449	-1.280
3:	-0.695	-1.017
4:	-0.741	-0.410
5:	-0.124	-0.359
6:	0.001	-0.100
7:	0.603	-0.040
8:	-0.133	0.098
9:	-0.437	0.193
10:	-0.592	-0.124



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522317. __0

TARGET NUMBER: 2

FILE DATE: 10/29/2004

FILE TIME: 08:08

X CENTROID: -0.108

Y CENTROID: -0.102

POA TO CENTROID: 0.149

HORZ SPREAD: 1.756

VERT SPREAD: 1.670

GROUP SPREAD: 2.168

MIN RADIUS: 0.145

MAX RADIUS: 1.160

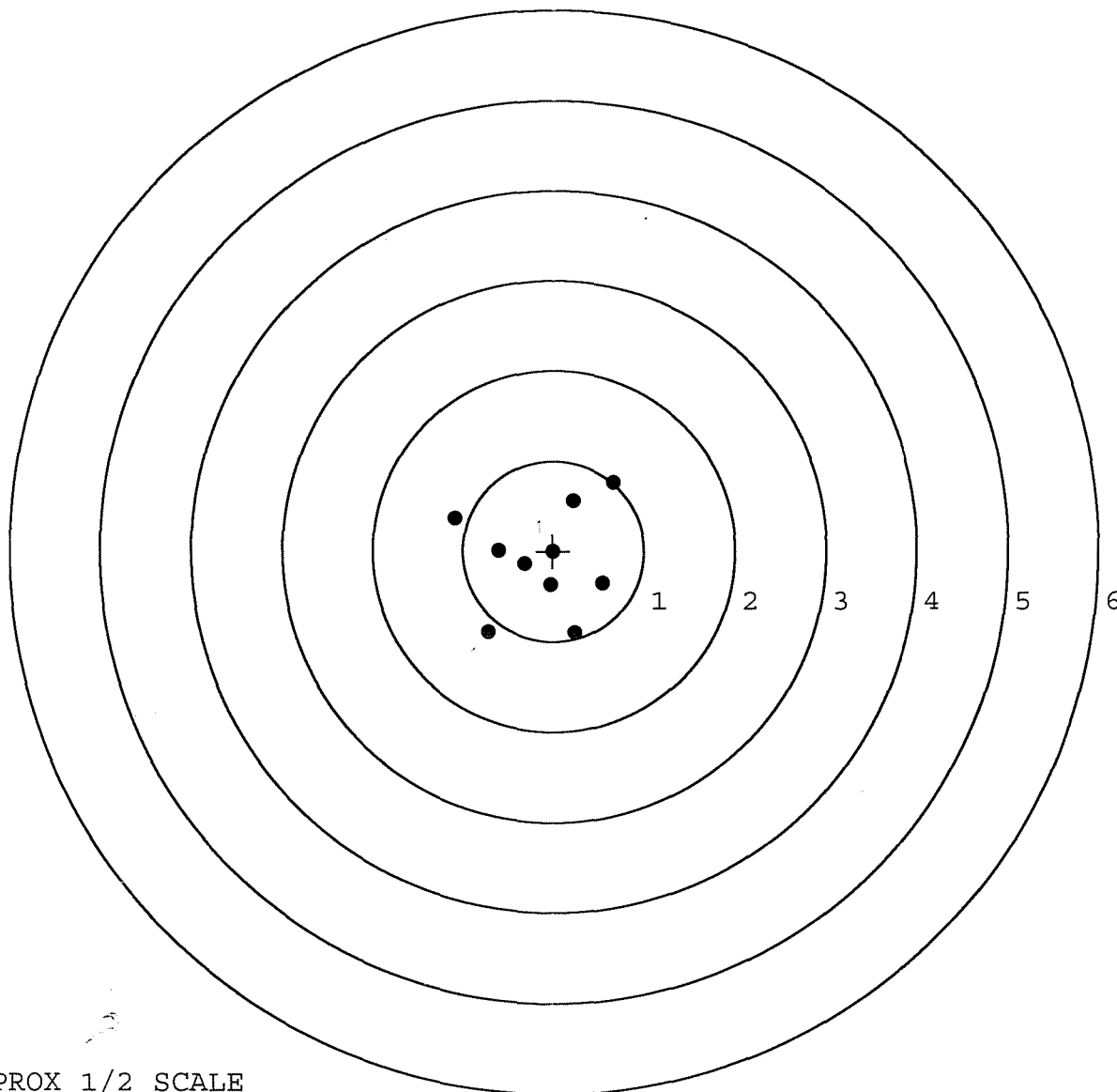
MEAN RADIUS: 0.672

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.544	-0.358
2:	0.245	-0.908
3:	-0.720	-0.906
4:	-1.091	0.365
5:	0.665	0.762
6:	0.222	0.556
7:	-0.602	-0.006
8:	0.001	-0.007
9:	-0.032	-0.379
10:	-0.314	-0.140

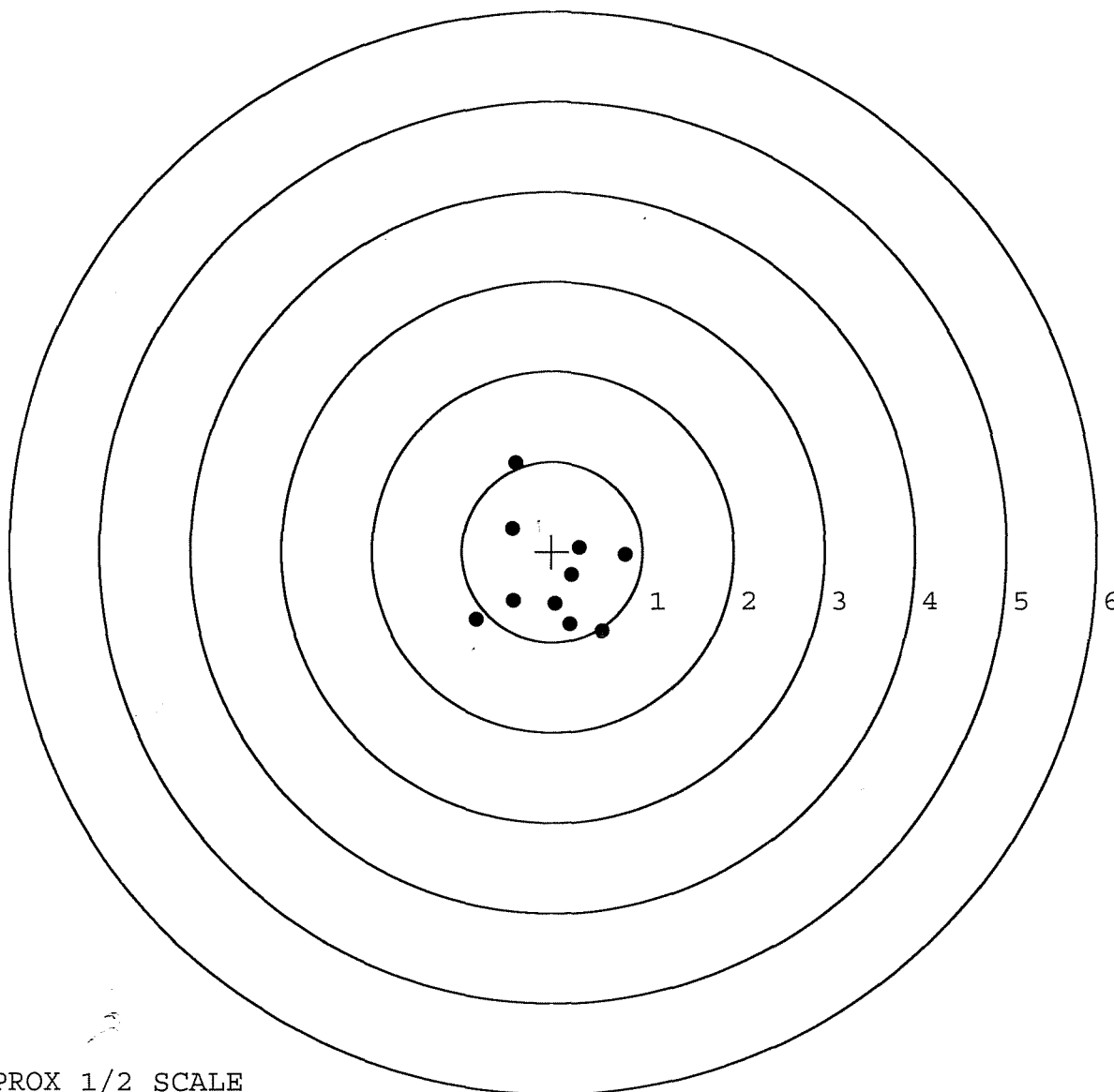


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522317.____0
TARGET NUMBER: 3
FILE DATE: 10/29/2004
FILE TIME: 08:08

X CENTROID: 0.000
Y CENTROID: -0.258
POA TO CENTROID: 0.258
HORZ SPREAD: 1.654
VERT SPREAD: 1.861
GROUP SPREAD: 2.091
MIN RADIUS: 0.215
MAX RADIUS: 1.303
MEAN RADIUS: 0.671
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.813	-0.035
2:	0.301	0.049
3:	0.215	-0.256
4:	0.549	-0.880
5:	0.197	-0.811
6:	0.039	-0.581
7:	-0.429	-0.550
8:	-0.841	-0.757
9:	-0.442	0.260
10:	-0.404	0.981

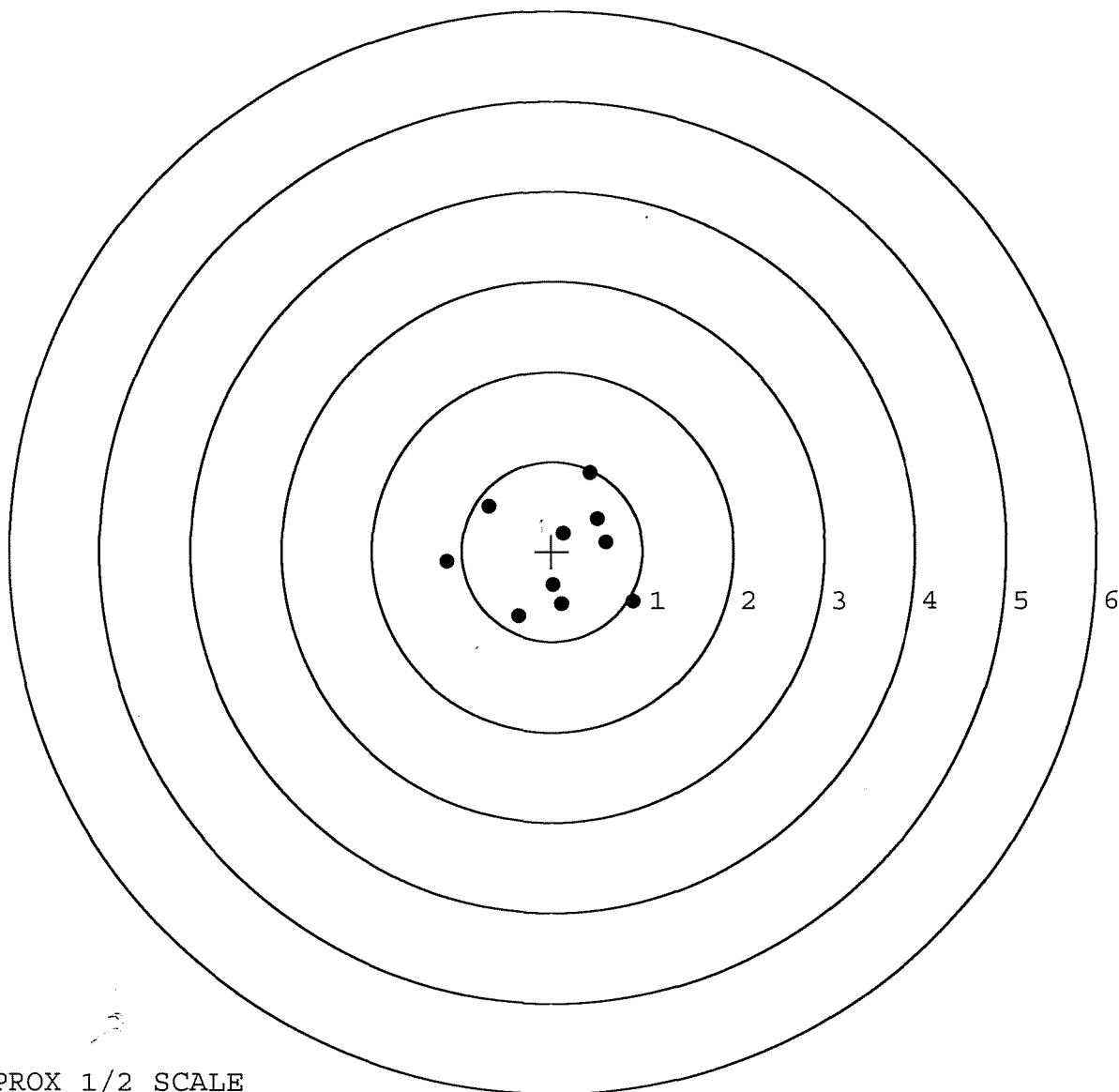


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522317. __0
TARGET NUMBER: 4
FILE DATE: 10/29/2004
FILE TIME: 08:08

X CENTROID: 0.043
Y CENTROID: -0.033
POA TO CENTROID: 0.055
HORZ SPREAD: 2.060
VERT SPREAD: 1.607
GROUP SPREAD: 2.107
MIN RADIUS: 0.249
MAX RADIUS: 1.208
MEAN RADIUS: 0.725
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.899	-0.562
2:	0.418	0.878
3:	0.599	0.103
4:	0.496	0.364
5:	0.131	0.200
6:	-0.705	0.499
7:	-1.161	-0.121
8:	0.016	-0.374
9:	0.109	-0.587
10:	-0.367	-0.729

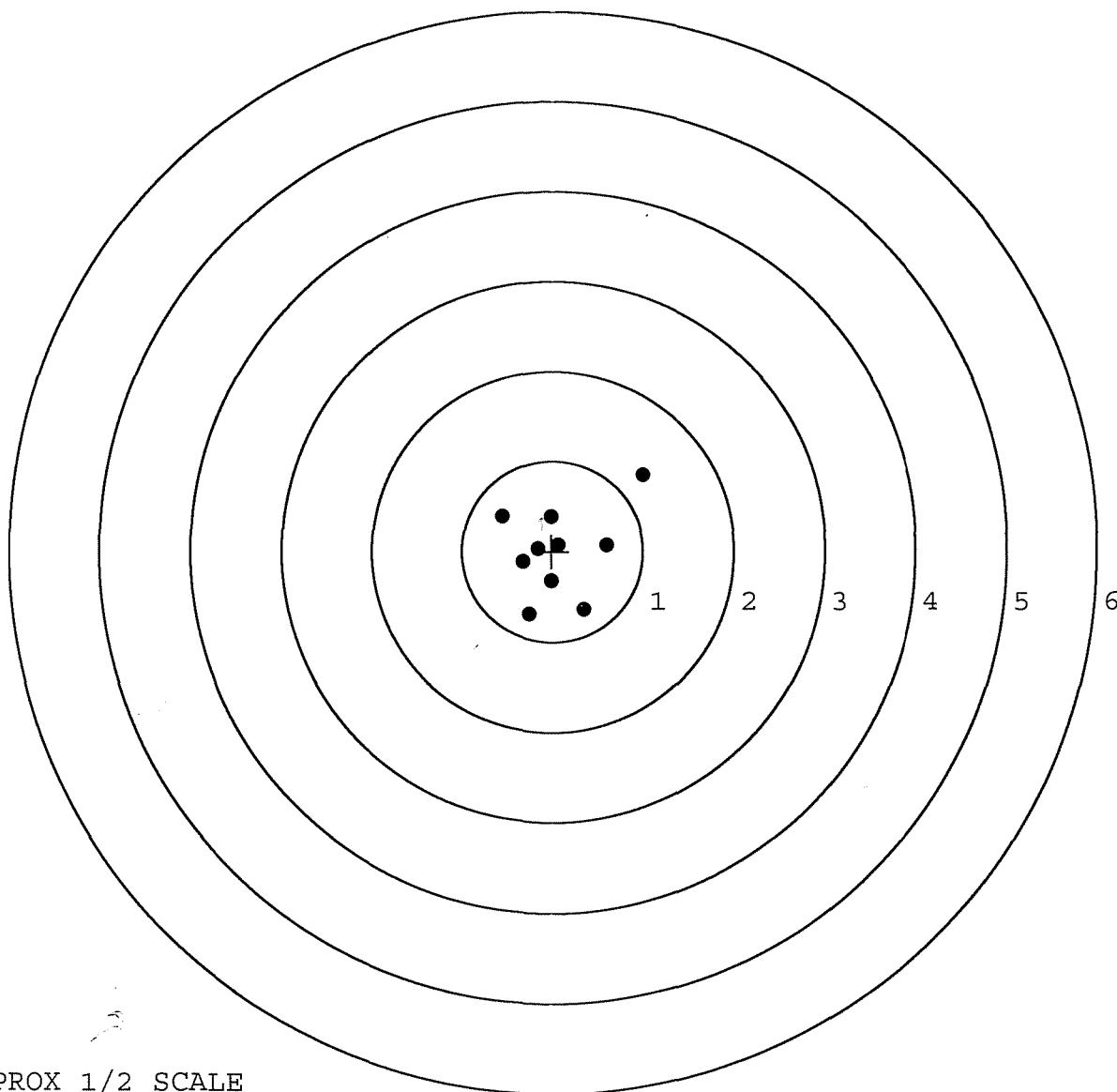


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522317. 0
TARGET NUMBER: 5
FILE DATE: 10/29/2004
FILE TIME: 08:08

X CENTROID: 0.071
Y CENTROID: -0.002
POA TO CENTROID: 0.071
HORZ SPREAD: 1.557
VERT SPREAD: 1.542
GROUP SPREAD: 1.990
MIN RADIUS: 0.070
MAX RADIUS: 1.255
MEAN RADIUS: 0.544
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.353	-0.643
2:	0.601	0.070
3:	0.998	0.843
4:	-0.559	0.384
5:	-0.014	0.380
6:	-0.260	-0.699
7:	-0.007	-0.332
8:	-0.322	-0.122
9:	0.071	0.068
10:	-0.156	0.032

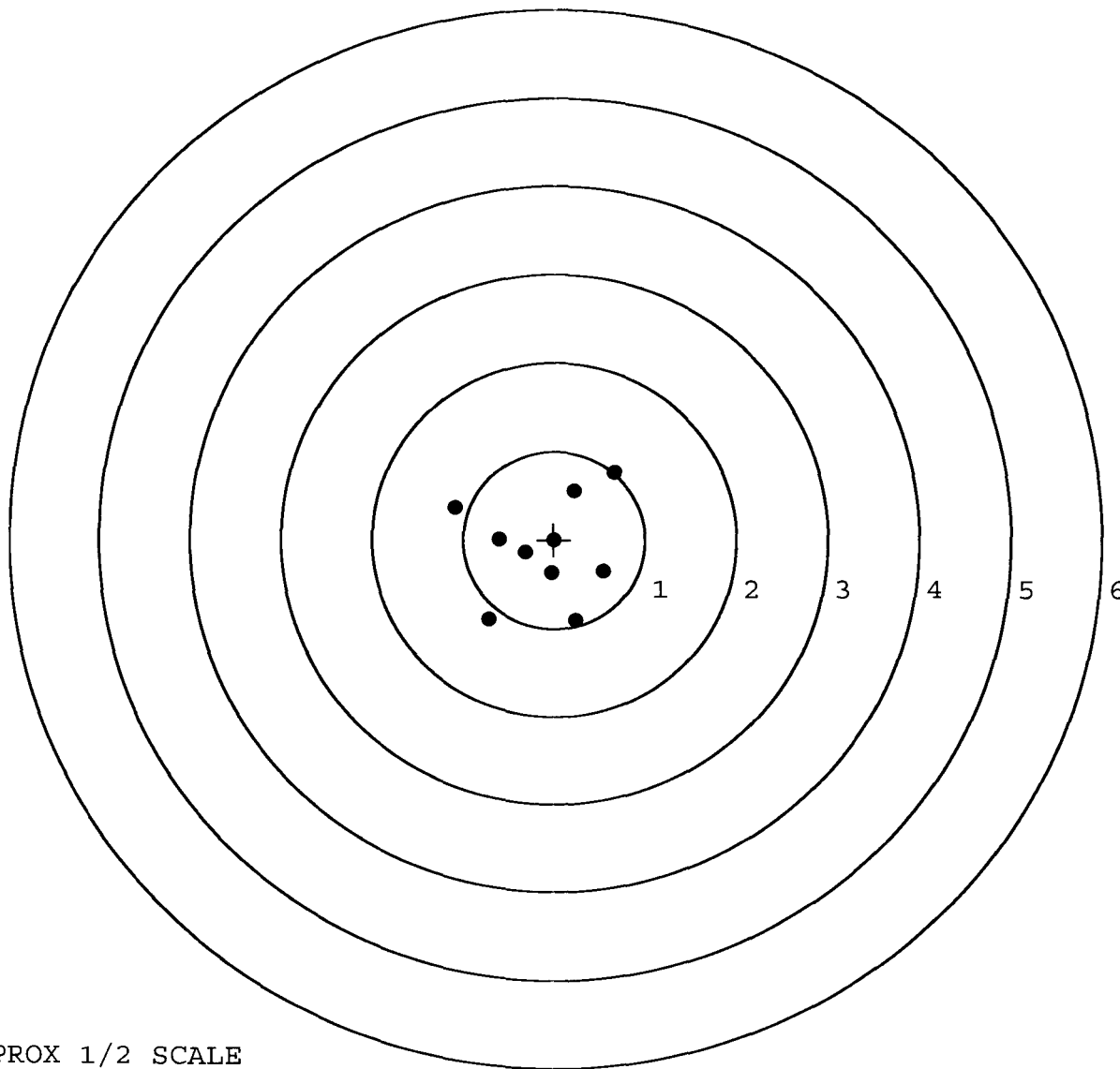


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522317. __0
TARGET NUMBER: 2
FILE DATE: 10/29/2004
FILE TIME: 08:08

X CENTROID: -0.108
Y CENTROID: -0.102
POA TO CENTROID: 0.149
HORZ SPREAD: 1.756
VERT SPREAD: 1.670
GROUP SPREAD: 2.168
MIN RADIUS: 0.145
MAX RADIUS: 1.160
MEAN RADIUS: 0.672
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.544	-0.358
2:	0.245	-0.908
3:	-0.720	-0.906
4:	-1.091	0.365
5:	0.665	0.762
6:	0.222	0.556
7:	-0.602	-0.006
8:	0.001	-0.007
9:	-0.032	-0.379
10:	-0.314	-0.140

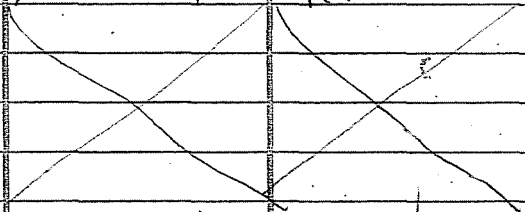


TARGET APPROX 1/2 SCALE

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

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

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

R & E NUMBER	85650		
SERIAL NUMBER	C6522317		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-7-04	RTL
560 A	RE-BARREL	10-8-04	AC
B	DRILL AND TAP	10-12-04	TRW
575	ASSEMBLE	10-8-04	RTL
600	PROOF	10-11-04	AC
605	CHECK HEADSPACE	10-12-04	RTL
610	DIS-ASSEMBLE GUN	10-12-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10/13/04	CD
618	ROTO-BLAST	10/14/04	LB
620	APPLY COATINGS	10/25/04	HP
625 A	FINAL ASSEMBLY	10-28-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-29-04	TRW
655	FINAL INSPECT	11-4-04	AC
660	PACK	11-5-04	RTA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®



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

MODEL 700™ M24

SERIAL NO.
C6522317

ORDER NO.
5716

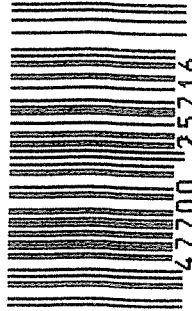
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6522317

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6522317
 2 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.629734
1 TO	2	.105005
1 TO	3	.756382
1 TO	4	.314659
1 TO	5	.425

+4 g <----POA
 3 5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .587
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3128
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .595624

THE RDR FOR THIS RIFLE IS: .6996

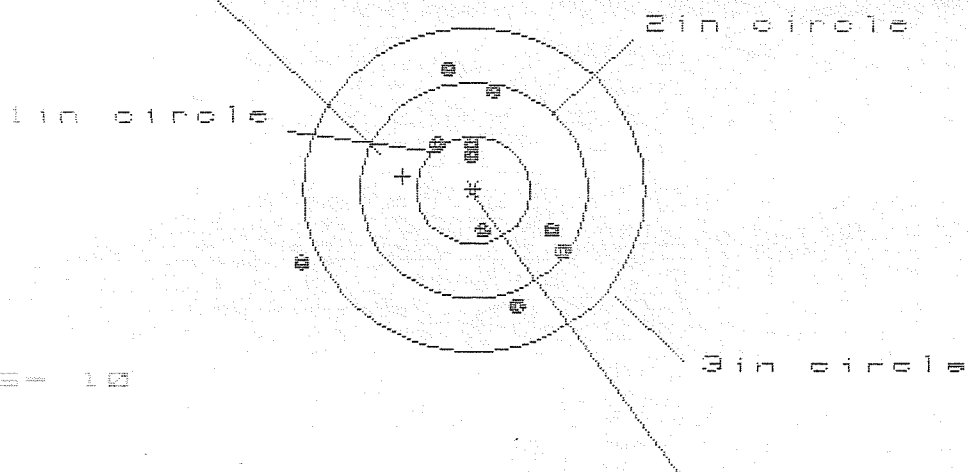
2 Aug 1999

FILE:/PATTERNING/CENTERFIRE_PATT/08522317

CENTERFIRE PATTERNS

1

FOR



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.288

VS= 2.288

GS= 2.365

CENTROID *

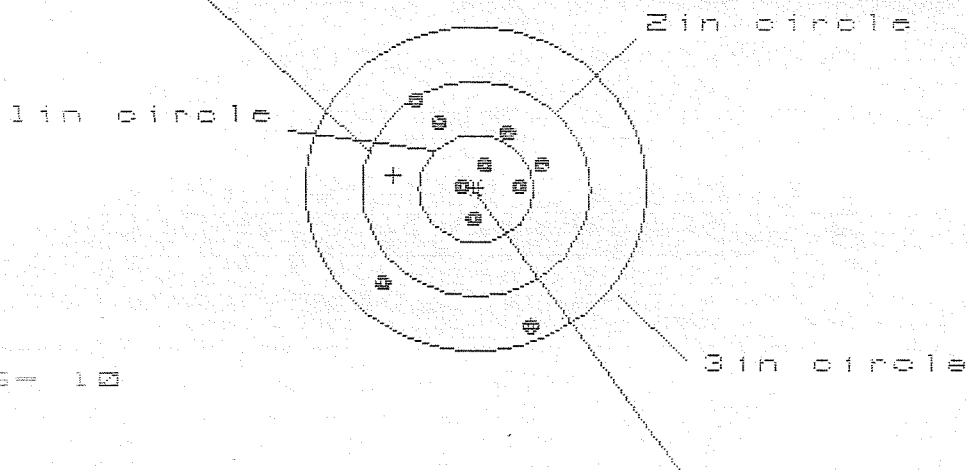
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.788	.612	.642
MINIMUM X	-1.588	-.535	-.505
MAXIMUM Y	1.100	1.025	.877
MINIMUM Y	-1.188	-1.183	-.834
CENTROID X	.617	.785	.755
CENTROID Y	-.126	-.051	.096
FOR TO CENTROID IN.	.630	.787	.761
MIN RADIUS	.374	.356	.222
MEAN RADIUS	.840	.734	.643
MAX RADIUS	1.653	1.208	1.052
HORIZONTAL SPREAD	2.288	1.147	1.147
VERTICAL SPREAD	2.288	2.288	1.711
EXTREME SPREAD	2.365	2.288	1.962
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

2 Aug 1999

FILE:/PATTERNING/CENTERFIRE_PATT/C8522317

CENTERFIRE PATTERNS # 2

POA



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 10

HM= 1.412

VS= 2.103

GS= 2.339

CENTROID #

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X : .609

.664

.570

MINIMUM X : -.803

-.748

-.570

MAXIMUM Y : .867

.730

.602

MINIMUM Y : -1.236

-1.020

-.567

CENTROID X : .722

.667

.761

CENTROID Y : -.125

.012

.140

POA TO CENTROID in.: .733

.667

.774

MIN RADIUS : .134

.155

.110

MEAN RADIUS : .643

.555

.449

MAX RADIUS : 1.331

1.265

.829

HORIZONTAL SPREAD : 1.412

1.412

1.140

VERTICAL SPREAD : 2.103

1.750

1.169

EXTREME SPREAD : 2.339

1.774

1.325

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

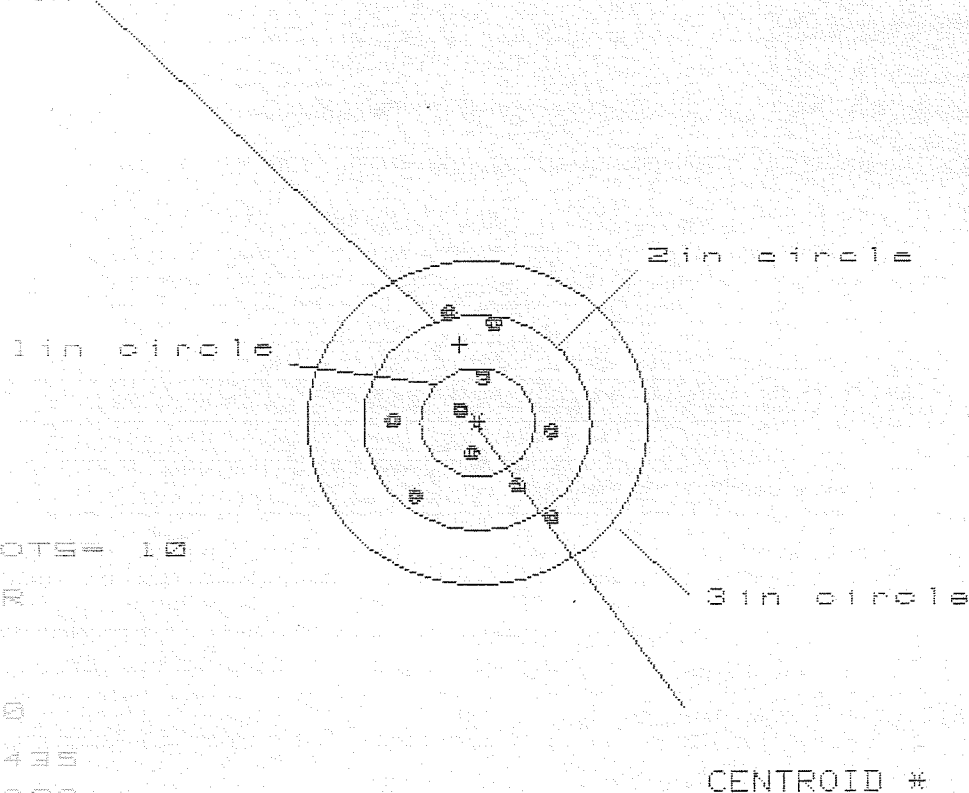
10

2 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522317

CENTERFIRE PATTERNS # 3

FOR



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.435

VS= 1.902

GS= 2.092

CENTROID #

PATTERN #

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	.645	.712	.687
MINIMUM X	-.790	-.723	-.748
MAXIMUM Y	1.026	.929	.968
MINIMUM Y	-.876	-.751	-.635
CENTROID X	.150	.082	.107
CENTROID Y	-.721	-.624	-.740
FOR TO CENTROID in.	.736	.629	.747
MIN RADIUS	.232	.133	.208
MEAN RADIUS	.701	.651	.607
MAX RADIUS	1.065	.949	.991
HORIZONTAL SPREAD	1.435	1.435	1.435
VERTICAL SPREAD	1.902	1.680	1.603
EXTREME SPREAD	2.092	1.767	1.767
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

2 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522317

CENTERFIRE PATTERNS

4

FOR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 1.200

VS = 2.207

GS = 2.210

CENTROID #

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.707

.704

.686

MINIMUM X

-.493

-.496

-.514

MAXIMUM Y

1.116

1.026

.905

MINIMUM Y

-1.091

-.967

-.680

CENTROID X

.310

.313

.331

CENTROID Y

-.057

-.181

-.060

FOR TO CENTROID in.

.315

.361

.336

MIN RADIUS

.159

.151

.180

MEAN RADIUS

.684

.626

.580

MAX RADIUS

1.117

1.084

.966

HORIZONTAL SPREAD

1.200

1.200

1.200

VERTICAL SPREAD

2.207

1.993

1.585

EXTREME SPREAD

2.210

2.054

1.624

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

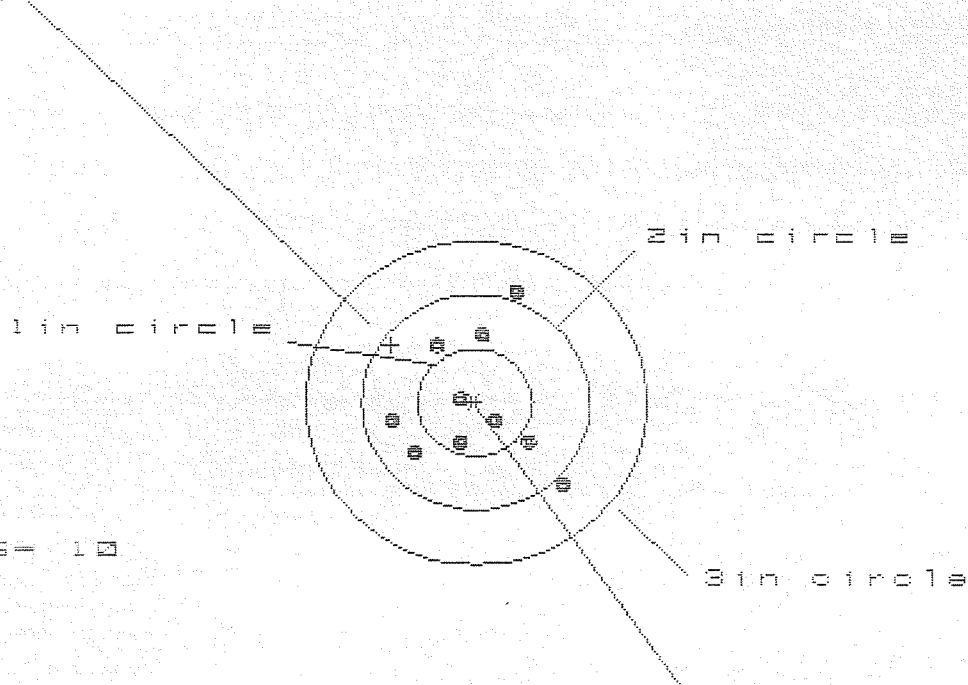
10

2 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522317

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HE= 1.504

VS= 1.772

GS= 1.895

CENTROID #

PATTERN #

5

SHOTS (BEST OF)

		10	9	8
MAXIMUM X	:	.743	.787	.594
MINIMUM X	:	-.761	-.717	-.619
MAXIMUM Y	:	1.040	.760	.683
MINIMUM Y	:	-.732	-.616	-.425
CENTROID X	:	.736	.692	.594
CENTROID Y	:	-.534	-.650	-.573
POA TO CENTROID in.	:	.910	.949	.825
MIN RADIUS	:	.143	.180	.077
MEAN RADIUS	:	.630	.561	.498
MAX RADIUS	:	1.114	1.000	.713
HORIZONTAL SPREAD	:	1.504	1.504	1.213
VERTICAL SPREAD	:	1.772	1.376	1.108
EXTREME SPREAD	:	1.895	1.677	1.244
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 06522317

DATE 8/23/90

TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.19	2.29	2.32	MIN. SETTING,
PULL #2	2.26	2.22	2.27	2.26	NO AVG. OF 5
PULL #3	2.25	2.26	2.32	2.30	READINGS ACCEPT-
PULL #4	2.26	2.25	2.43	2.40	ABLE LESS THAN 2#
PULL #5	2.22	2.27	2.30	2.30	
TOTAL	11.33	11.19	11.61	11.58	
AVG.	2.266	2.238	2.322	2.316	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.35		
PULL #2	3.16	3.34		
PULL #3	3.16	3.32		
PULL #4	3.17	3.32		
PULL #5	3.36	3.31		
TOTAL	16.11	16.64		
AVG.	3.222	3.328		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.44		4.44
PULL #2	4.44	4.40		4.50
PULL #3	4.39	4.43		4.43
PULL #4	4.43	4.42		4.49
PULL #5	4.39	4.44		4.50
TOTAL	22.09	22.13		21.86
AVG.	4.418	4.426		4.372

MOD. _____		GA. _____ CAL. _____	GUN # _____
#	TEST	DATE	ASSEM. #
	1st	Scope Hits	
	2nd	Re-ALIGNED SCOPE	KS 8/6/90
	3rd		
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522317

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/27/90	K.S.
600	Proof		6/27/90	K.S.
607	Check Headspace		6/27/90	K.S.
610	Dis-assemble Gun		6/27/90	K.S.
612	Magnaflux Barrel Action		7/10/90	K.R.
	Magnaflux Bolt		7/10/90	K.R.
615	Rollmark Caliber		7/10/90	G.S.
617	Drill and Tap Sight Holes		7/11/90	K.S.
618	Polish Barrel <i>R.B.</i>		7/13/90	W.K.
620	Apply Coatings (Barrel Action)		7-23-90	J.A.
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/30/90	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/30/90	K.S.
	C) Inspect Ejector Hole for Chamfer		7/30/90	K.S.
	D) Oil Firing Pin Ass'y		7/30/90	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		8/23/90	J.C.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			7/30/90	JH
	G) Safety Off Force	3	3	3			7/30/90	JH
	H) Trigger Pull Test & Retainability						8/23/90	JH
	I) Firing Pin Indent	.022	.0215	.0215			7/30/90	JH
	J) Assemble Stock						7/30/90	K
	K) Assemble Swivel Studs						7/30/90	QD
	L) Attach Front and Rear Sight Assemblies						7/30/90	KQ
	M) Iron Sight Alignment						7/30/90	KQ
	N) Detach Front & Rear Sights & place in numbered container						7/30/90	KQ
	O) Attach Scope to Rifle						7/30/90	KQ
	P) Detach & Attach Scope 20 Times						7/30/90	KQ
640	Gallery Target & Test						8-2-90	DH
	A) Time						8-2-90	DH
	B) Malfunctions						8-2-90	DH
	C) Pierced Primers						8-2-90	DH
	D) Optical Clarity of Scope						8-2-90	DH
645	Inspect for Live Ammo						8-2-90	DH
655	Final Inspection						8/29/90	QDS
	A) Headspace						8/29/90	QDS
	B) Trigger Pull	2.32	2.26	2.30	2.40	2.30	8/23/90	JH
	C) Function						8/29/90	QDS
660	Pack						9/14/90	W

Repair Inquiry

Repair Number: RE00113020

Serial: C6522317 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 5/31/2006 10:21:03 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: C CO SPT BN SWTG (A) POC JERRY SCREEN

C CO SPT BN SWTG (A) POC JERRY SCREEN

Address 1: ARMAMENT FACILITY BLDG D-1307

ARMAMENT FACILITY BLDG D-1307

Address 2: GRUBER ROAD

PO Box:

GRUBER ROAD

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

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
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

5/31/2006

10:30 AM

CAPS

NUM

INS

SCRL



G6535149
C6522317
Serial Number: C6522317
Model: M24 SWS
RE00113020

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535179.___0

FILE DATE AND TIME: 07/11/2006 08:13

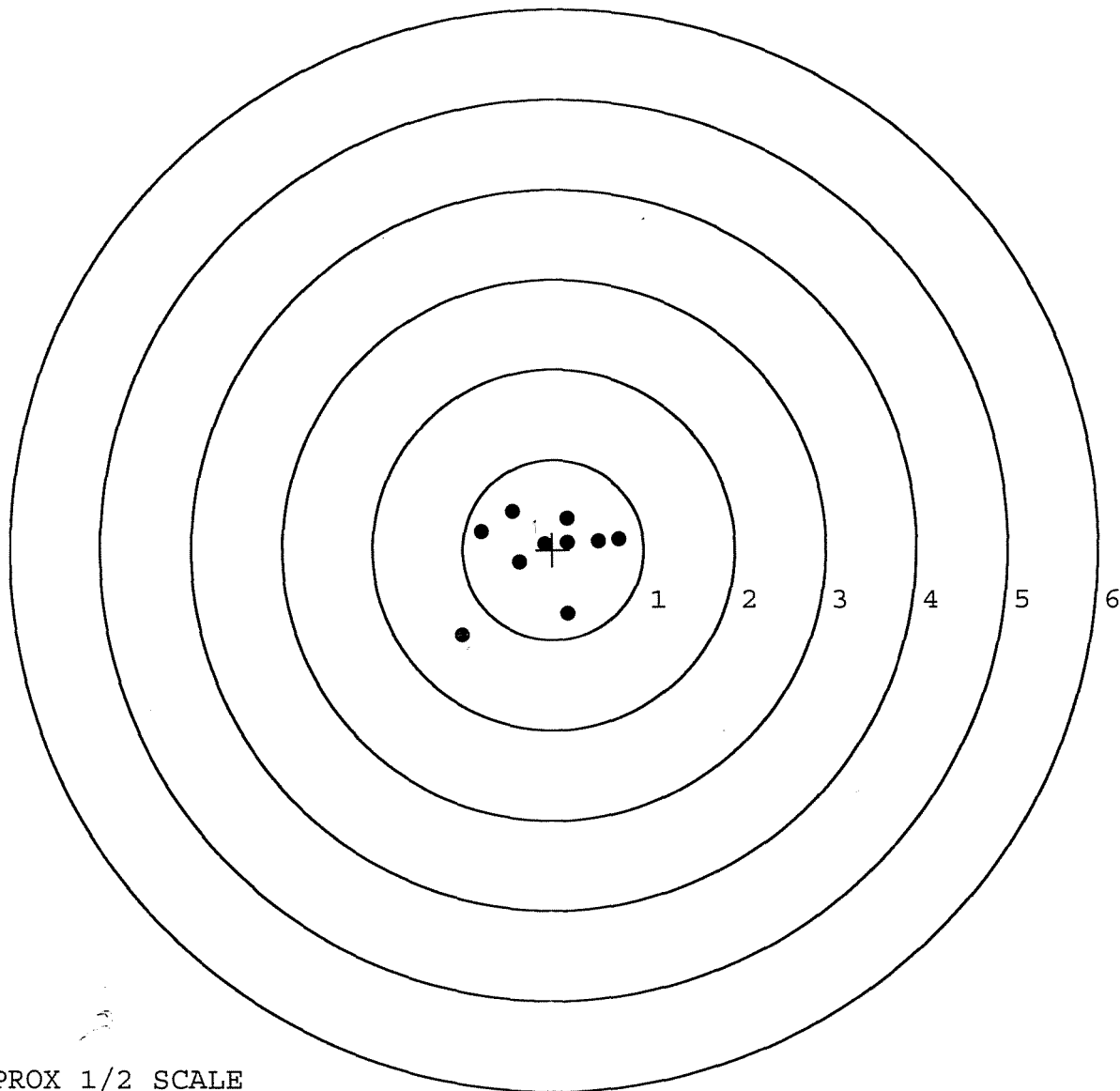
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.029
The Average Y Centroid of the Five Target Set:	-0.107
The Average Point of Impact of the Five Target Set:	0.111
The Average Mean Radius of the Five Target Set:	0.636
The Distance from POA to Centroid Target #1:	0.109
The Distance from Centroid Target #2 to Centroid Target #1:	0.111
The Distance from Centroid Target #3 to Centroid Target #1:	0.101
The Distance from Centroid Target #4 to Centroid Target #1:	0.087
The Distance from Centroid Target #5 to Centroid Target #1:	0.256

SERIAL NUMBER: G6535179. __0
TARGET NUMBER: 1
FILE DATE: 07/11/2006
FILE TIME: 08:13

POINT#	X	Y
1:	0.170	-0.711
2:	-1.006	-0.954
3:	-0.451	0.426
4:	-0.797	0.198
5:	0.731	0.121
6:	0.502	0.096
7:	0.159	0.350
8:	0.163	0.078
9:	-0.088	0.066
10:	-0.368	-0.141

X CENTROID: -0.099
Y CENTROID: -0.047
POA TO CENTROID: 0.109
HORZ SPREAD: 1.737
VERT SPREAD: 1.380
GROUP SPREAD: 2.043
MIN RADIUS: 0.114
MAX RADIUS: 1.283
MEAN RADIUS: 0.596
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

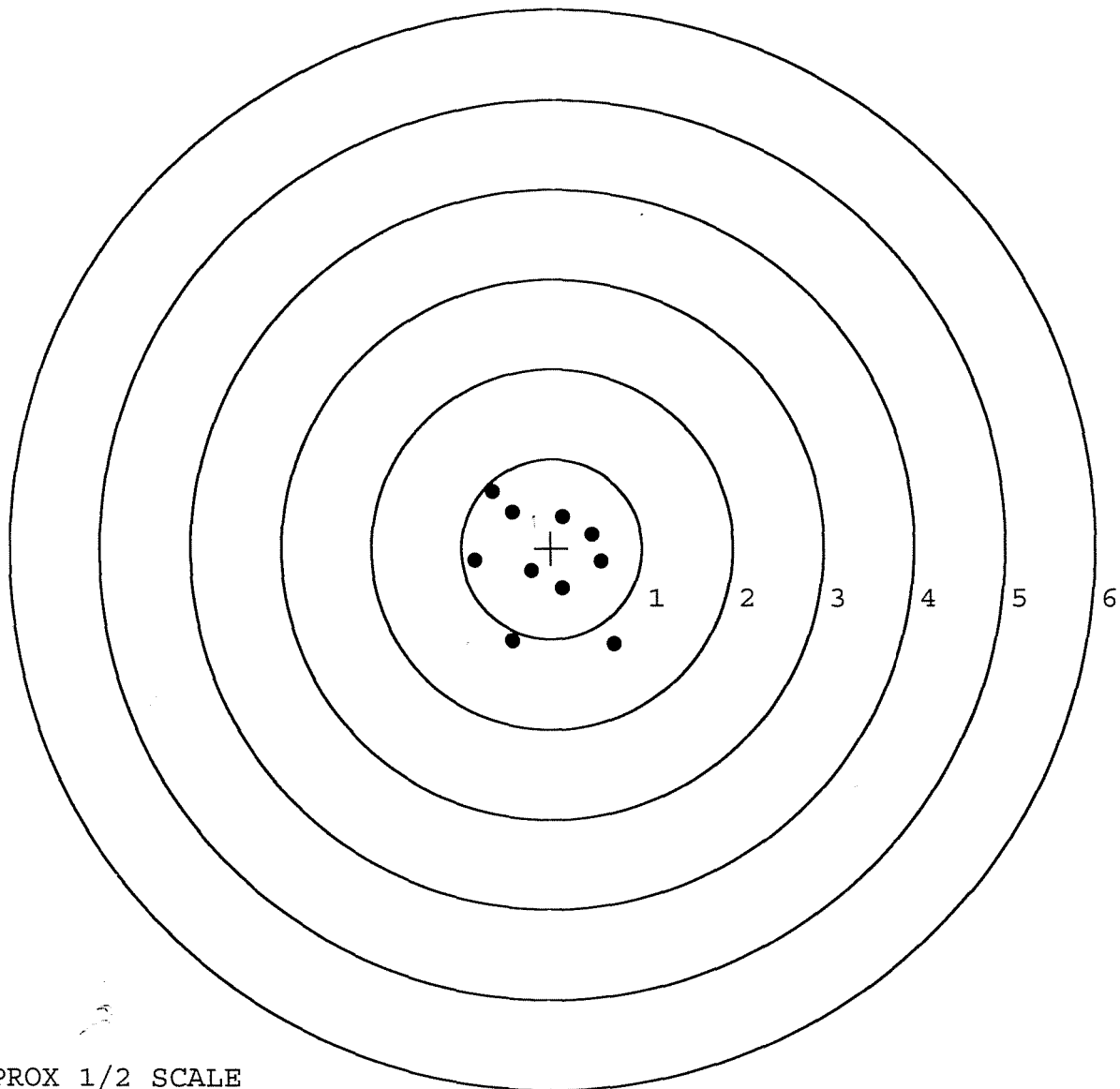


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535179. __0
TARGET NUMBER: 2
FILE DATE: 07/11/2006
FILE TIME: 08:13

POINT#	X	Y
1:	0.703	-1.056
2:	-0.422	-1.028
3:	-0.848	-0.143
4:	-0.435	0.404
5:	-0.657	0.633
6:	-0.223	-0.257
7:	0.128	-0.444
8:	0.548	-0.151
9:	0.449	0.156
10:	0.122	0.360

X CENTROID: -0.064
Y CENTROID: -0.153
POA TO CENTROID: 0.165
HORZ SPREAD: 1.551
VERT SPREAD: 1.689
GROUP SPREAD: 2.168
MIN RADIUS: 0.191
MAX RADIUS: 1.185
MEAN RADIUS: 0.686
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

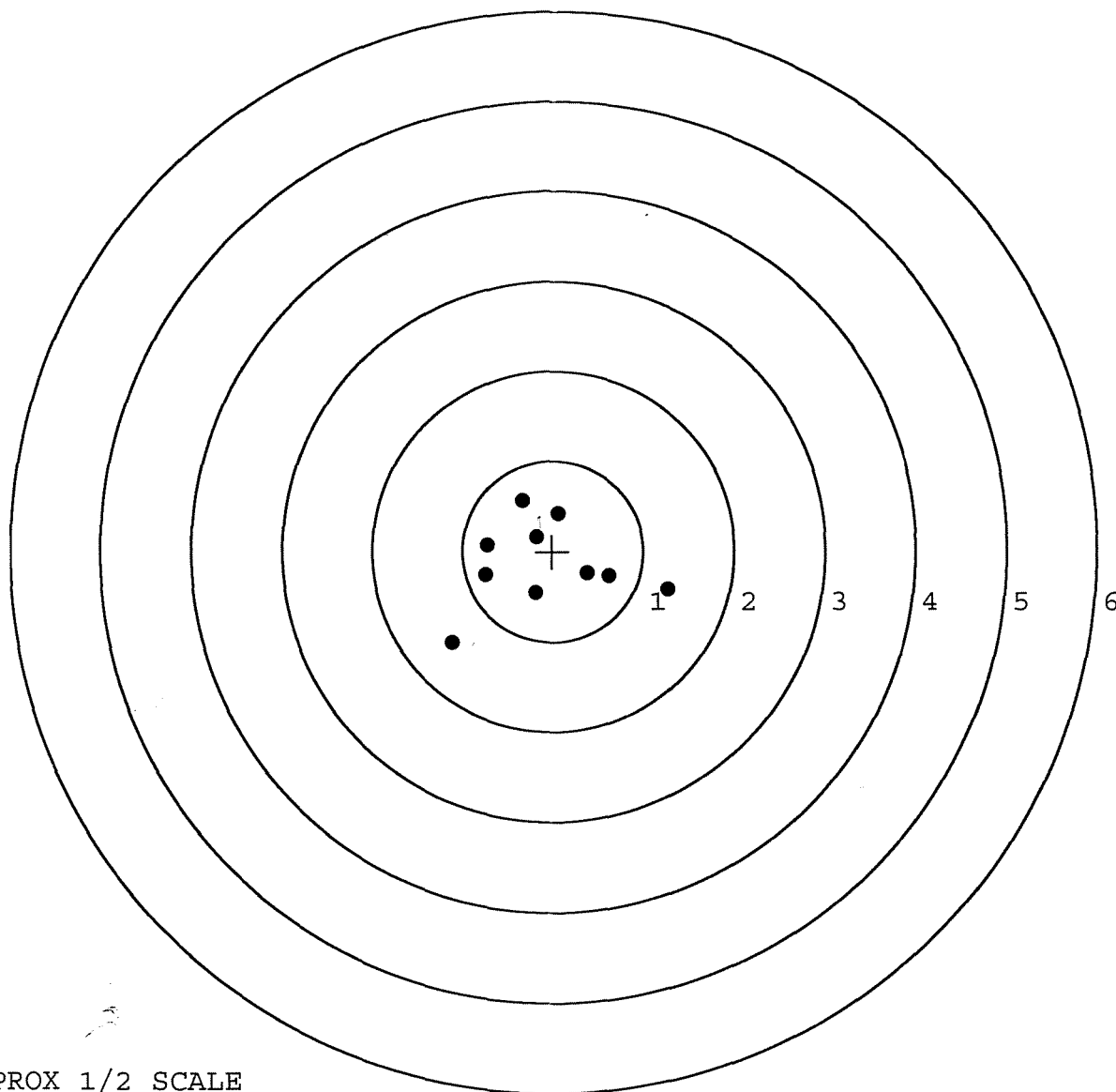


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535179. __0
TARGET NUMBER: 3
FILE DATE: 07/11/2006
FILE TIME: 08:13

X CENTROID: -0.093
Y CENTROID: -0.148
POA TO CENTROID: 0.174
HORZ SPREAD: 2.379
VERT SPREAD: 1.574
GROUP SPREAD: 2.452
MIN RADIUS: 0.315
MAX RADIUS: 1.389
MEAN RADIUS: 0.725
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.268	-0.422
2:	0.624	-0.268
3:	0.384	-0.246
4:	-0.185	-0.463
5:	-0.744	-0.265
6:	-0.721	0.070
7:	-1.111	-1.016
8:	-0.175	0.157
9:	0.063	0.420
10:	-0.335	0.558

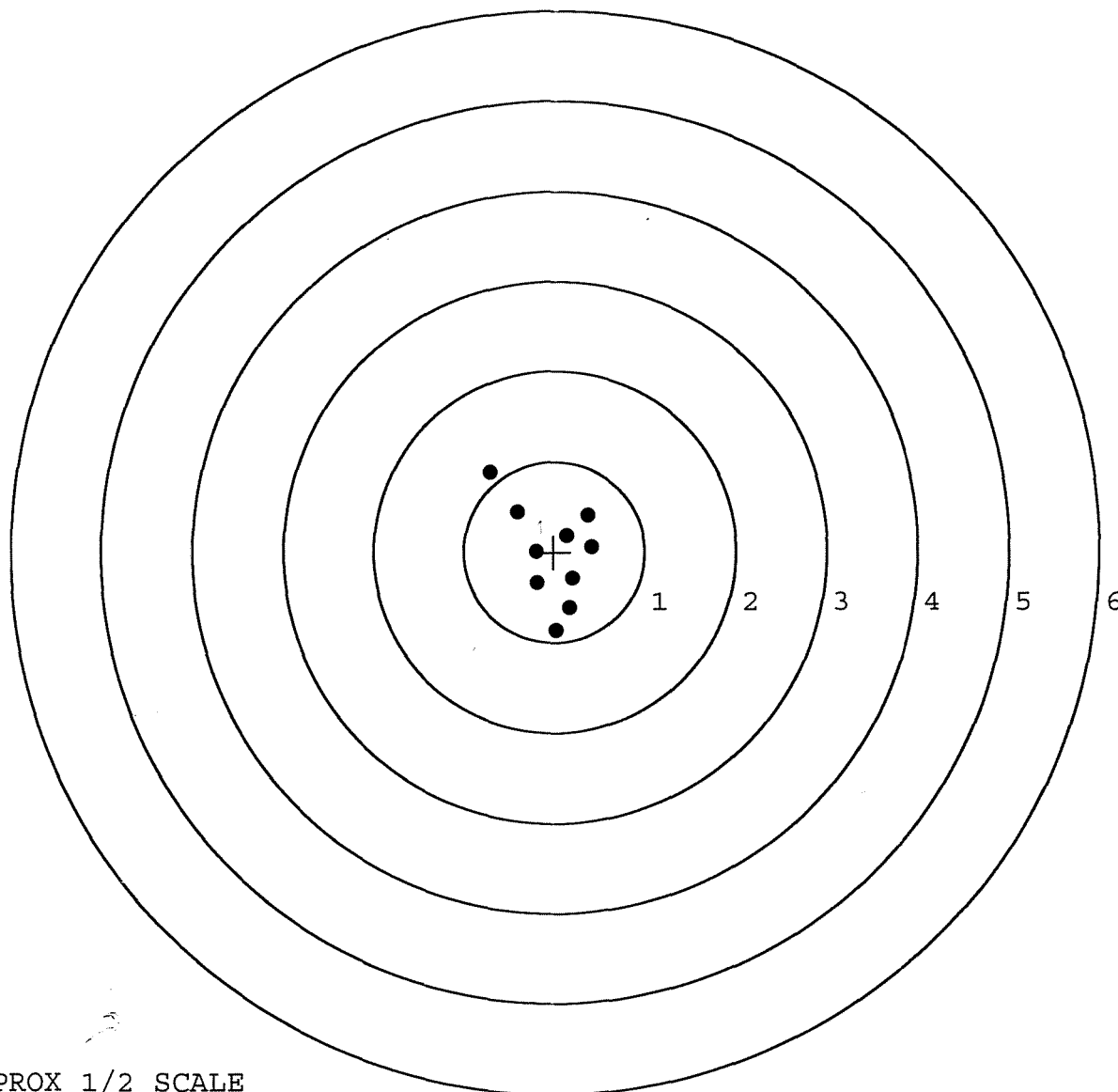


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535179. __0
TARGET NUMBER: 4
FILE DATE: 07/11/2006
FILE TIME: 08:13

X CENTROID: -0.017
Y CENTROID: -0.017
POA TO CENTROID: 0.024
HORZ SPREAD: 1.122
VERT SPREAD: 1.757
GROUP SPREAD: 1.905
MIN RADIUS: 0.180
MAX RADIUS: 1.133
MEAN RADIUS: 0.542
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.030	-0.876
2:	0.175	-0.626
3:	-0.413	0.441
4:	-0.707	0.881
5:	0.370	0.410
6:	0.415	0.056
7:	0.203	-0.298
8:	-0.189	-0.352
9:	-0.194	0.013
10:	0.143	0.181

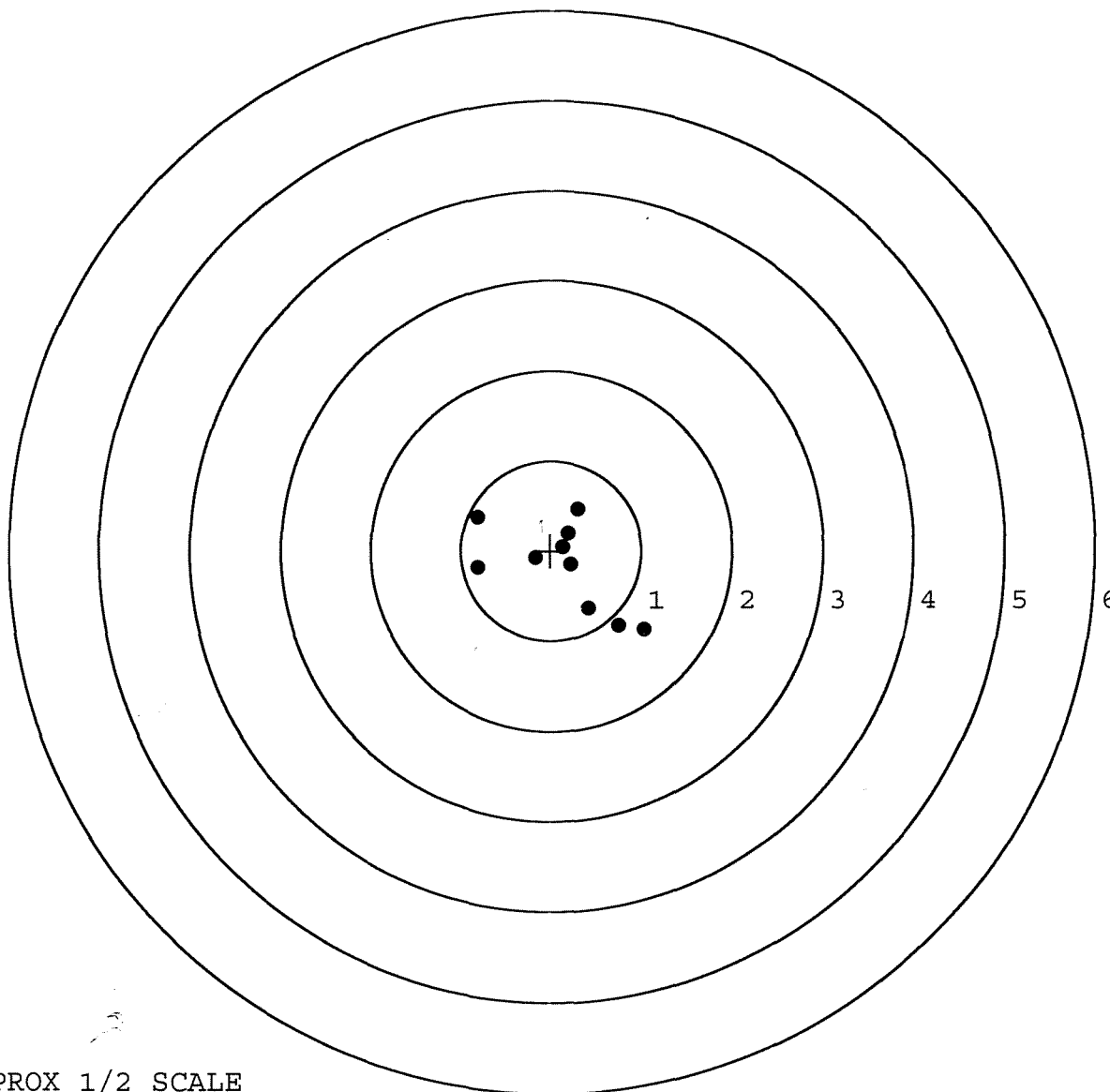


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535179. __0
TARGET NUMBER: 5
FILE DATE: 07/11/2006
FILE TIME: 08:13

X CENTROID: 0.127
Y CENTROID: -0.170
POA TO CENTROID: 0.212
HORZ SPREAD: 1.850
VERT SPREAD: 1.348
GROUP SPREAD: 2.239
MIN RADIUS: 0.099
MAX RADIUS: 1.152
MEAN RADIUS: 0.631
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.033	-0.881
2:	0.751	-0.837
3:	0.420	-0.644
4:	-0.807	-0.189
5:	-0.817	0.380
6:	0.294	0.467
7:	0.199	0.200
8:	-0.169	-0.085
9:	0.224	-0.155
10:	0.138	0.046



TARGET APPROX 1/2 SCALE

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

		<i>Fort Bragg</i>		
R & E NUMBER	<i>113020</i>			
SERIAL NUMBER	<i>66522317</i> <i>66535179</i>			
LOG-IN DATE	<i>5-31-06</i>			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		<i>6-12-06</i>	<i>AC</i>
505	RE-BARREL		<i>6-12-06</i>	<i>AC</i>
560	ASSEMBLE		<i>6-22-06</i>	<i>[Signature]</i>
600	PROOF	MAGNA-FLUX	<i>6-22-06</i>	<i>[Signature]</i>
605	CHECK HEADSPACE	INSPECTED	<i>6-22-06</i>	<i>[Signature]</i>
610	DIS-ASSEMBLE GUN	JUN 27 2006	<i>6-27-06</i>	<i>[Signature]</i>
612	MAGNAFLUX	OPERATOR <i>[Signature]</i>	<i>6-27-06</i>	<i>APD</i>
510	DRILL AND TAP		<i>6-26-06</i>	<i>TRW</i>
615	ROLLMARK CALIBER		<i>6-27-06</i>	<i>CW</i>
618	ROTO-BLAST		<i>6-29-06</i>	<i>UB</i>
620	APPLY COATINGS		<i>7-1-06</i>	<i>HP</i>
625	FINAL ASSEMBLY		<i>7-10-06</i>	<i>[Signature]</i>
640	FUNCTION TEST AND	PASS FAIL	<i>7-11-06</i>	<i>TRW</i>
650	TARGET	PASS FAIL	<i>7-11-06</i>	<i>TRW</i>
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		<i>7-11-06</i>	<i>AD</i>
	A) HEADSPACE	PASS FAIL	<i>7-11-06</i>	<i>WCH</i>
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<i>6 lbs</i> <i>6 lbs</i> <i>6 lbs</i> <i>7-11-06</i>	<i>WCH</i>
	G) SAFETY OFF FORCE	2 LBS MIN	<i>4 lbs</i> <i>4 lbs</i> <i>4 lbs</i> <i>7-11-06</i>	<i>WCH</i>
	I) FIRING PIN INDENT	.020	<i>.024</i> <i>.024</i> <i>.023</i> <i>7-11-06</i>	<i>WCH</i>
690	PACK		<i>8-4-06</i>	<i>ADA</i>