

G 646 1531
Replaced
E 641 3523

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: RE00156156

Serial: G6461531 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 12/2/2008 10:47:55 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ITT SYSTEMS SECURED WAREHOUSE

ITT SYSTEMS SECURED WAREHOUSE

Address 1: UPTON AVENUE

UPTON AVENUE

Address 2: BUILDING 490

PO Box:

BUILDING 490

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: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case A2	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

12/2/2008

11:22 AM

CAPS

NUM

TNS

SCRL



11:22 AM

Serial Number:

G6461531

Model: M24 SWS



RE00156156

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

R & E NUMBER 156156SERIAL NUMBER G6461531LOG-IN DATE 11-19-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-5-08	RTZ
505	RE-BARREL	12-8-08	RTZ
560	ASSEMBLE	12-8-08	RTZ
600	PROOF	12-8-08	RTZ
605	CHECK HEADSPACE	12-8-08	RTZ
610	DIS-ASSEMBLE GUN	12-8-08	RTZ
612	MAGNAFLUX	12/14/08	RTZ
510	DRILL AND TAP	12-11-08	SP
615	ROLLMARK CALIBER	12/15/08	RTZ
618	ROTO-BLAST		
620	APPLY COATINGS	12-12	
625	FINAL ASSEMBLY	12-29-08	RTZ
640	FUNCTION TEST AND	12-30-08	RTZ
650	TARGET	12-30-08	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	12-30-08	RP
	A) HEADSPACE	12-31-08	RTZ
	B) TRIGGER PULL	298 249 271 256 248	12-31-08
680	F) SAFETY ON FORCE	40 40 40	12-31-08
	G) SAFETY OFF FORCE	60 70 70	12-31-08
	H) FIRING PIN INDENT	0.022 0.022 0.022	12-31-08
690	PACK		1/9/09

MAINTENANCE REQUEST			PG NO 1		NO PGS 3		REQMT CONTROL SYMBOL WON: 814805					
CUSTOMER DATA							MAINTENANCE ACTIVITY DATA					
UIC CUST CUSTOMER UNIT NAME W2L58L HHC 2/29 INF. REGT. PHONE NO SAMS-2 UIC UTIL CD (706)544-1476 K							SPT WON SHOP PHONE NO 814805 I 4-2823 UIC SUPPORT SUPPORT UNIT NAME W6CR07 ITT					
EQUIPMENT DATA												
MNT CD ID NSN MCSR				FDD USAGECDE		CURRENT USAGE						
1 A 1005012402136 S				F		0						
MODEL M24RIFLE				PROJ CD		APC		IN WARRANTY				
NOUN RIFLE 7.62MM SNIP				LEVEL WORK		ADMIN NO						
				PF		M24-3						
ORG WON 2L58L1802775				QTY 1		PD AUTHENTICATING SIGNATURE:						
SER NO G6461531 Scope 890940				PD 03		DSanta						
MALFUNCTION DESCRIPTION/REMARKS: BARREL SHOT OUT												
TECHNICAL REFERENCES POC 544-6006 DSanta												
TASK / PART REQUIREMENTS												
ACT CDE	TASK NO	ACT RQD	TASK DESCRIPTION					QTY RPR	WRK CTR	FAIL CODE	MH PROJ	MH EXP
ACT CDE	TASK NO	ID	REQUIRED NSN / PART NUMBER	SFX CDE	QTY RQD	QTY ISSUE	NM CS	FAIL CODE	STORAGE LOC	INIT	\$COST	
TOTAL MANHOURS			TOTAL MANHOURS COSTS					TOTAL PARTS COSTS				
QTY RPR	QTY CONDEMN	QTY NRTS	EVAC WON					EVAC UNIT NAME				
SUBMITTED BY		ACCEPTED BY		WORK STARTED BY			INSPECTED BY			PICKED UP BY		
DSanta		J. Santiago										
DATE	STA	ORD DATE	MIL TIME	STA	ORD DATE	MIL TIME	STA	ORD DATE	MIL TIME	STA	ORD DATE	MIL TIME
08324	A	08324	0815									

DA FORM 2407-E (FACSIMILE)

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461531. __0
FILE DATE AND TIME: 12/31/2008 08:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.033
The Average Y Centroid of the Five Target Set:	-0.208
The Average Point of Impact of the Five Target Set:	0.211
The Average Mean Radius of the Five Target Set:	0.496
The Distance from POA to Centroid Target #1:	0.269
The Distance from Centroid Target #2 to Centroid Target #1:	0.453
The Distance from Centroid Target #3 to Centroid Target #1:	0.147
The Distance from Centroid Target #4 to Centroid Target #1:	0.347
The Distance from Centroid Target #5 to Centroid Target #1:	0.211

SERIAL NUMBER: G6461531. 0

TARGET NUMBER: 1

FILE DATE: 12/31/2008

FILE TIME: 08:32

X CENTROID: -0.235

Y CENTROID: -0.133

POA TO CENTROID: 0.269

HORZ SPREAD: 1.479

VERT SPREAD: 0.652

GROUP SPREAD: 1.488

MIN RADIUS: 0.055

MAX RADIUS: 0.888

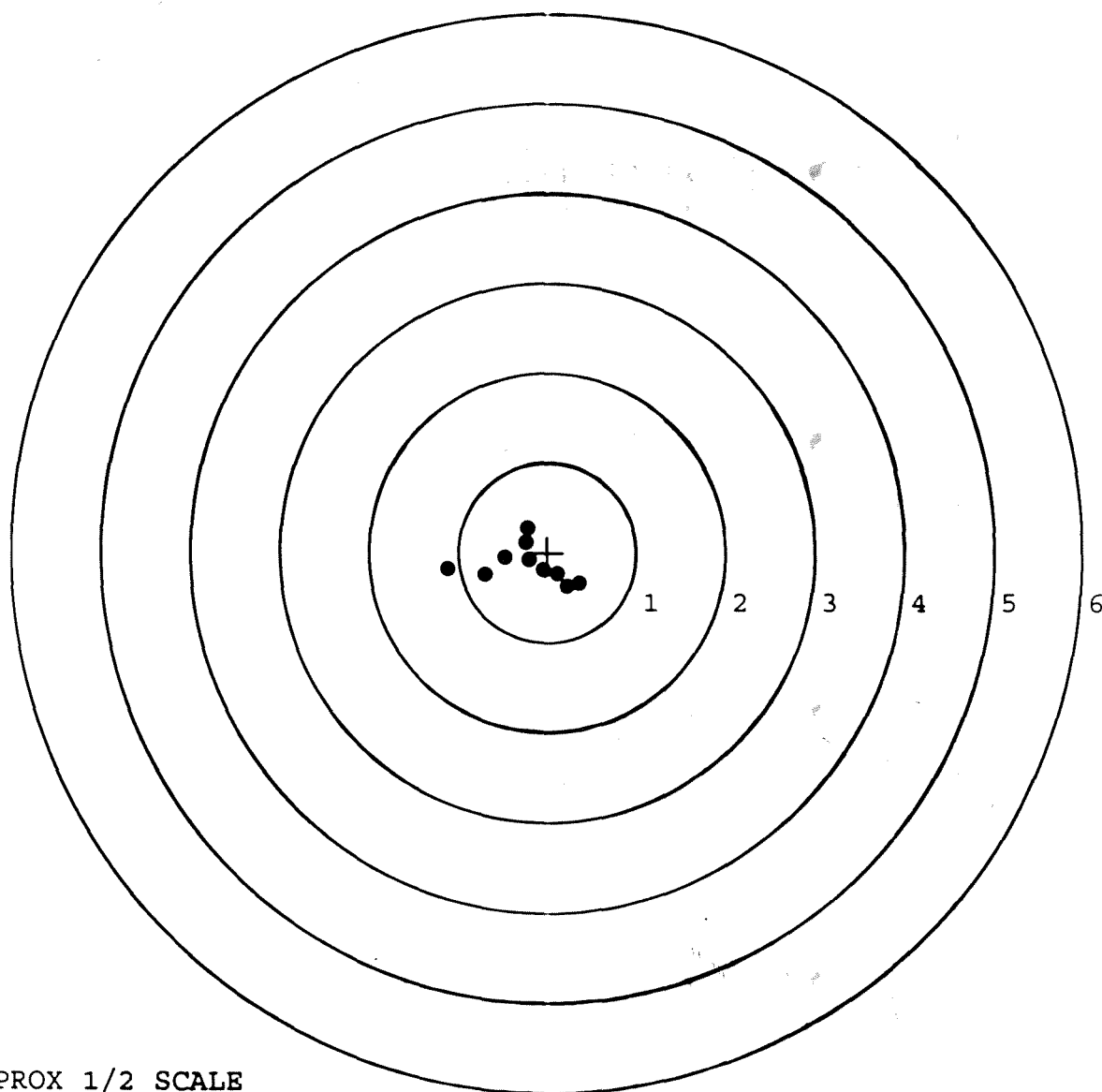
MEAN RADIUS: 0.404

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.121	-0.182
2:	-0.704	-0.245
3:	-0.224	0.277
4:	-0.243	0.117
5:	-0.482	-0.059
6:	-0.212	-0.083
7:	-0.052	-0.197
8:	0.111	-0.238
9:	0.224	-0.375
10:	0.358	-0.342

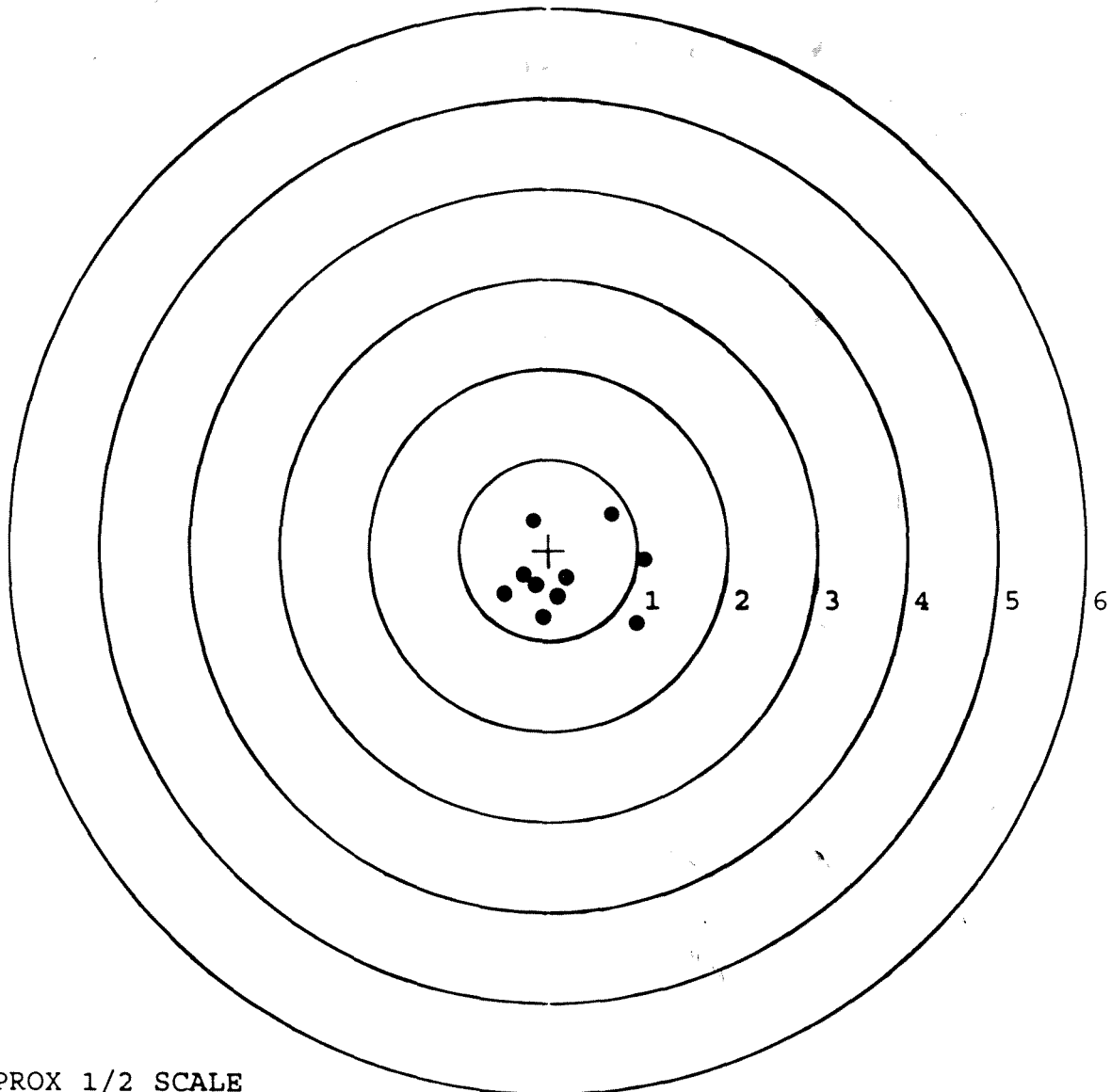


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461531. __ 0
 TARGET NUMBER: 2
 FILE DATE: 12/31/2008
 FILE TIME: 08:32

POINT#	X	Y
1:	0.705	0.401
2:	1.077	-0.107
3:	0.987	-0.811
4:	-0.061	-0.743
5:	0.103	-0.507
6:	0.196	-0.304
7:	-0.151	-0.390
8:	-0.286	-0.279
9:	-0.494	-0.484
10:	-0.177	0.322

X CENTROID: 0.190
 Y CENTROID: -0.290
 POA TO CENTROID: 0.347
 HORZ SPREAD: 1.571
 VERT SPREAD: 1.212
 GROUP SPREAD: 1.624
 MIN RADIUS: 0.015
 MAX RADIUS: 0.952
 MEAN RADIUS: 0.574
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

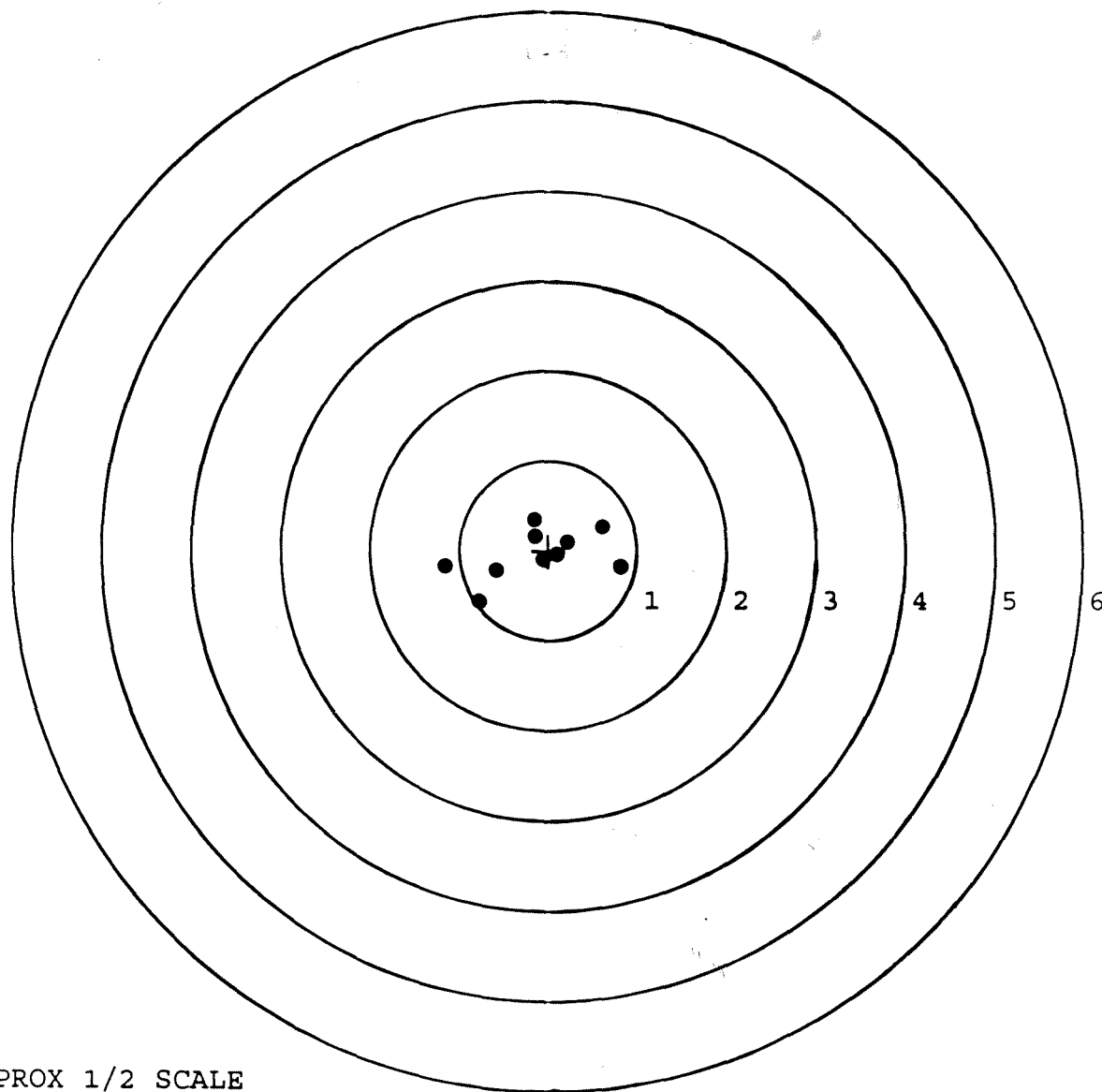


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461531. __0
 TARGET NUMBER: 3
 FILE DATE: 12/31/2008
 FILE TIME: 08:32

POINT#	X	Y
1:	-1.162	-0.178
2:	-0.777	-0.570
3:	-0.592	-0.220
4:	-0.162	0.341
5:	-0.148	0.159
6:	-0.062	-0.102
7:	0.097	-0.053
8:	0.215	0.096
9:	0.601	0.263
10:	0.820	-0.184

X CENTROID: -0.117
 Y CENTROID: -0.045
 POA TO CENTROID: 0.125
 HORZ SPREAD: 1.982
 VERT SPREAD: 0.911
 GROUP SPREAD: 1.982
 MIN RADIUS: 0.079
 MAX RADIUS: 1.053
 MEAN RADIUS: 0.538
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

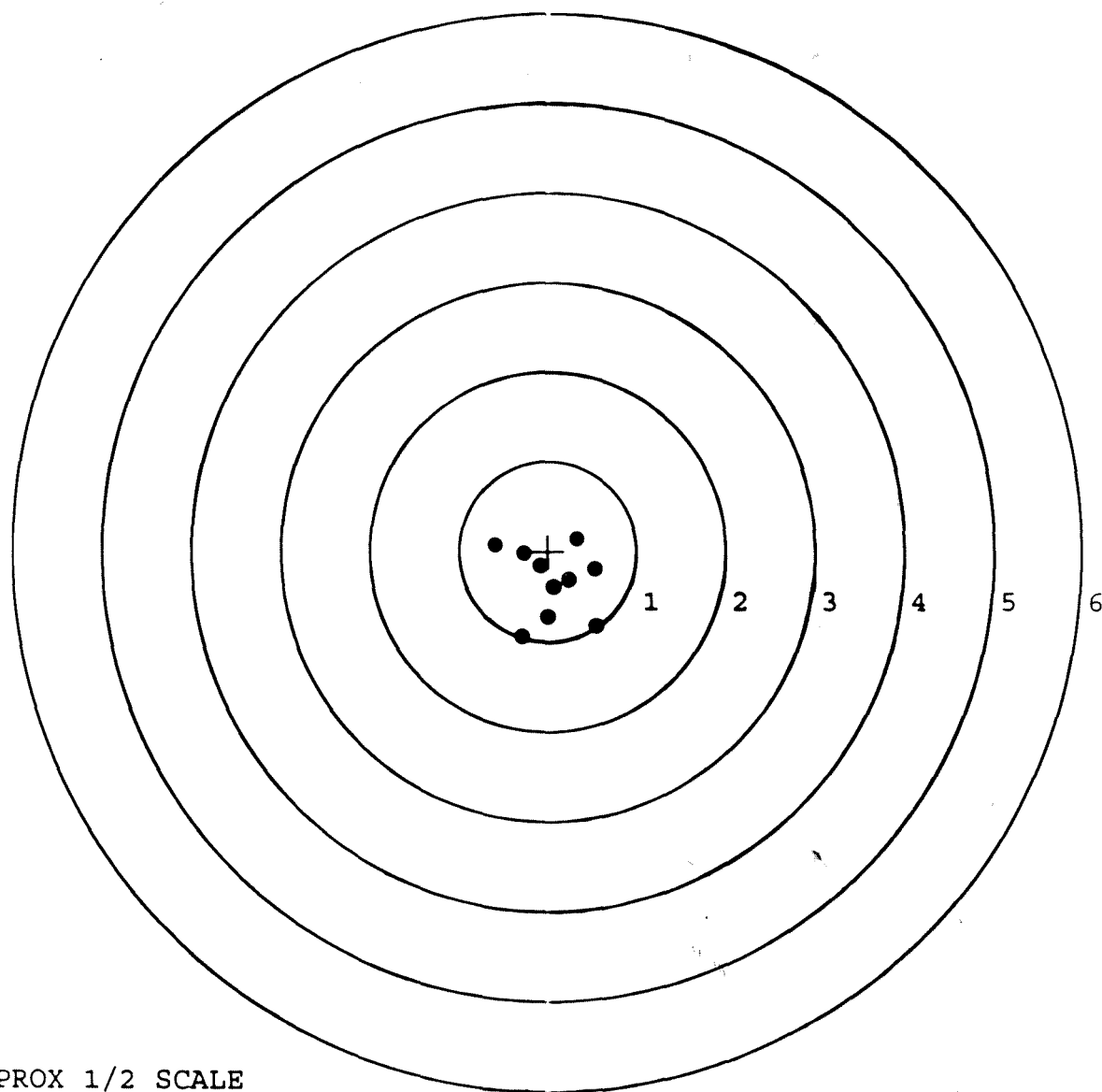


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461531. __0
 TARGET NUMBER: 4
 FILE DATE: 12/31/2008
 FILE TIME: 08:32

POINT#	X	Y
1:	0.332	0.145
2:	0.530	-0.200
3:	0.541	-0.828
4:	-0.295	-0.949
5:	0.002	-0.732
6:	0.238	-0.320
7:	0.063	-0.398
8:	-0.091	-0.164
9:	-0.275	-0.026
10:	-0.599	0.077

X CENTROID: 0.045
 Y CENTROID: -0.339
 POA TO CENTROID: 0.342
 HORZ SPREAD: 1.140
 VERT SPREAD: 1.094
 GROUP SPREAD: 1.456
 MIN RADIUS: 0.061
 MAX RADIUS: 0.767
 MEAN RADIUS: 0.455
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461531. 0

TARGET NUMBER: 5

FILE DATE: 12/31/2008

FILE TIME: 08:32

X CENTROID: -0.050

Y CENTROID: -0.235

POA TO CENTROID: 0.240

HORZ SPREAD: 0.912

VERT SPREAD: 1.455

GROUP SPREAD: 1.560

MIN RADIUS: 0.195

MAX RADIUS: 0.960

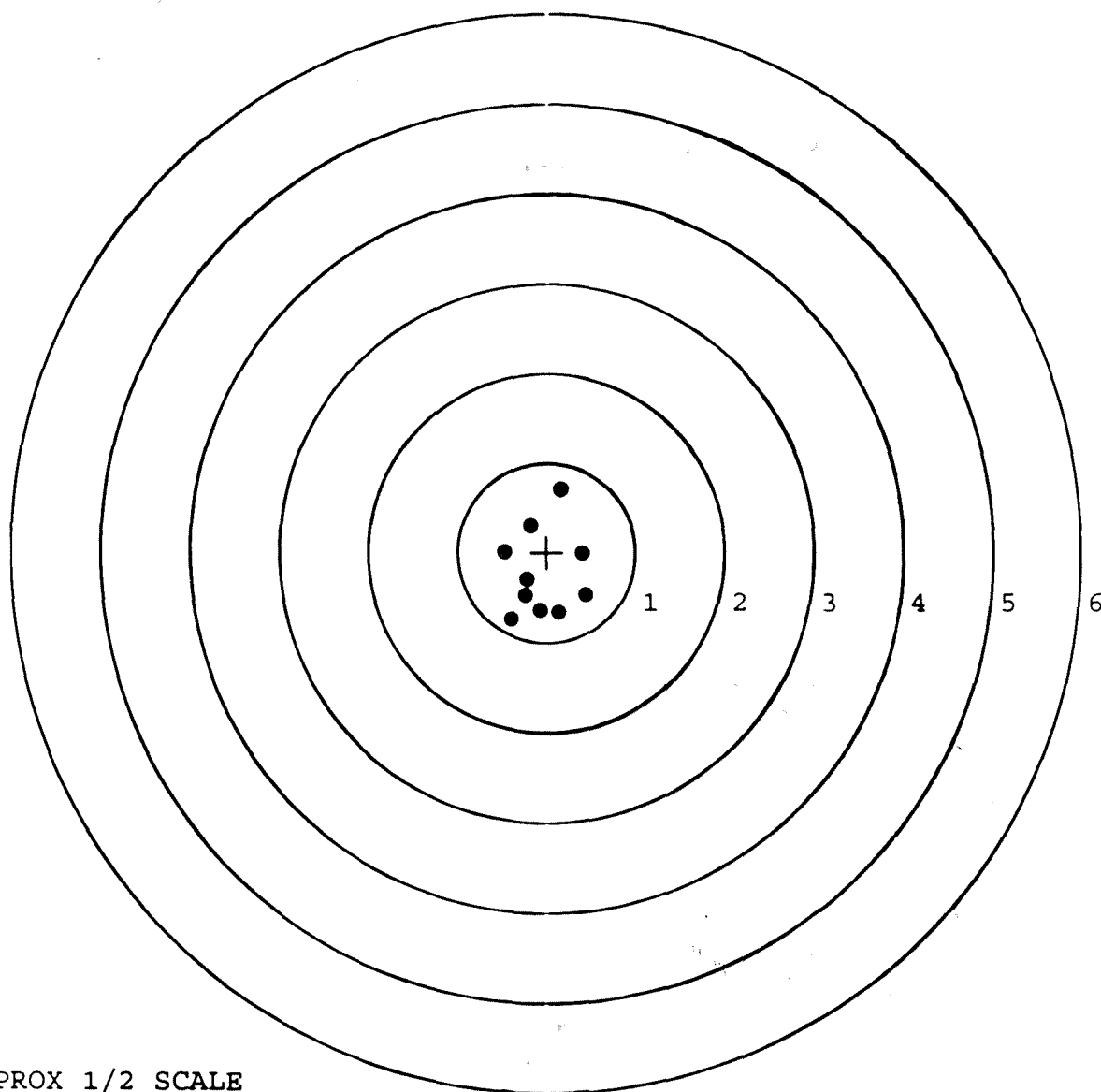
MEAN RADIUS: 0.507

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.157	0.702
2:	0.401	-0.018
3:	0.438	-0.476
4:	0.137	-0.668
5:	-0.075	-0.650
6:	-0.405	-0.753
7:	-0.253	-0.483
8:	-0.233	-0.301
9:	-0.474	-0.004
10:	-0.189	0.299



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00104579

Serial: E6413523 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 12/5/2005 10:56:03 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION DIV DFEL

TRANSPORTATION DIV DFEL

Address 1: 5759 MITCHELL AVENUE

5759 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
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

magletj

12/5/2005

12:46 PM

CAPS

NUM

INS

SCRL

start

2

2

3

3

2

2

2

2

2

G6461531

Serial Number: E6413523

Model: M24 SWS



RE00104579

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 11-15-05TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.53	2.54		2.51	
PULL #2	2.49	2.47		2.49	
PULL #3	2.48	2.54		2.53	
PULL #4	2.52	2.44		2.40	
PULL #5	2.55	2.54		2.50	
TOTAL	12.57	12.53		12.43	
AVERAGE	2.51	2.50		2.48	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.07		
PULL #2	2.96	2.85		
PULL #3	3.05	3.10		
PULL #4	3.10	3.13		
PULL #5	3.07	3.13		
TOTAL	15.20	15.28		
AVERAGE	3.04	3.05		

	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	4.18	4.19		4.02
PULL #2	4.10	4.07		4.10
PULL #3	4.17	4.09		4.01
PULL #4	4.20	4.02		4.11
PULL #5	4.16	4.04		4.12
TOTAL	20.81	20.41		20.36
AVERAGE	4.16	4.08		4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461531.___0

FILE DATE AND TIME: 12/14/2005 22:43

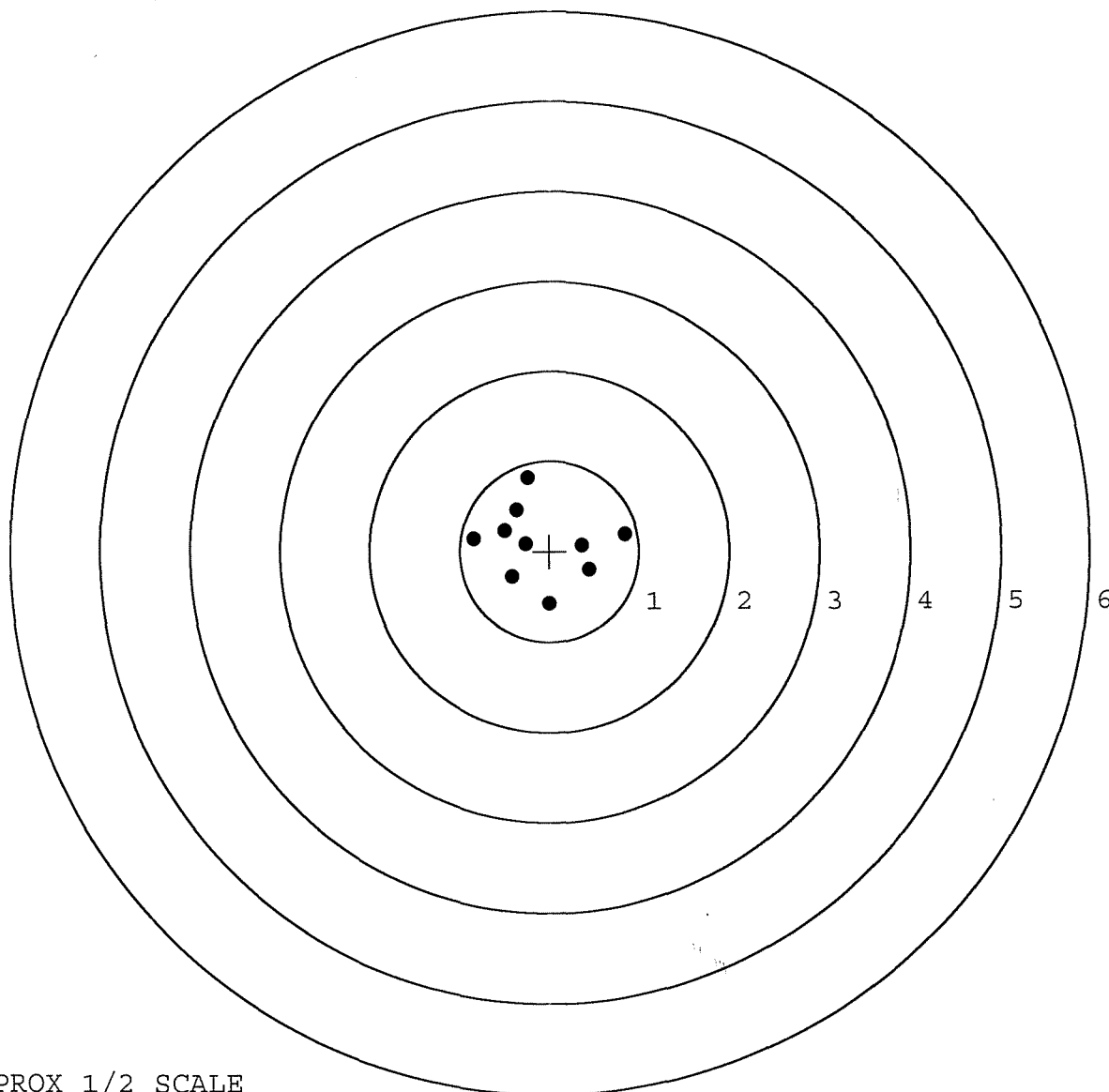
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.098
The Average Y Centroid of the Five Target Set:	0.016
The Average Point of Impact of the Five Target Set:	0.099
The Average Mean Radius of the Five Target Set:	0.652
The Distance from POA to Centroid Target #1:	0.137
The Distance from Centroid Target #2 to Centroid Target #1:	0.357
The Distance from Centroid Target #3 to Centroid Target #1:	0.089
The Distance from Centroid Target #4 to Centroid Target #1:	0.307
The Distance from Centroid Target #5 to Centroid Target #1:	0.227

SERIAL NUMBER: G6461531. __0
 TARGET NUMBER: 1
 FILE DATE: 12/14/2005
 FILE TIME: 22:43

POINT#	X	Y
1:	0.840	0.187
2:	0.362	0.071
3:	0.446	-0.203
4:	-0.011	-0.586
5:	-0.421	-0.284
6:	-0.267	0.080
7:	-0.842	0.140
8:	-0.504	0.231
9:	-0.376	0.458
10:	-0.253	0.809

X CENTROID: -0.103
 Y CENTROID: 0.090
 POA TO CENTROID: 0.137
 HORZ SPREAD: 1.682
 VERT SPREAD: 1.395
 GROUP SPREAD: 1.683
 MIN RADIUS: 0.165
 MAX RADIUS: 0.948
 MEAN RADIUS: 0.573
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461531. 0

TARGET NUMBER: 2

FILE DATE: 12/14/2005

FILE TIME: 22:43

X CENTROID: -0.431

Y CENTROID: -0.049

POA TO CENTROID: 0.434

HORZ SPREAD: 2.086

VERT SPREAD: 0.771

GROUP SPREAD: 2.086

MIN RADIUS: 0.112

MAX RADIUS: 1.234

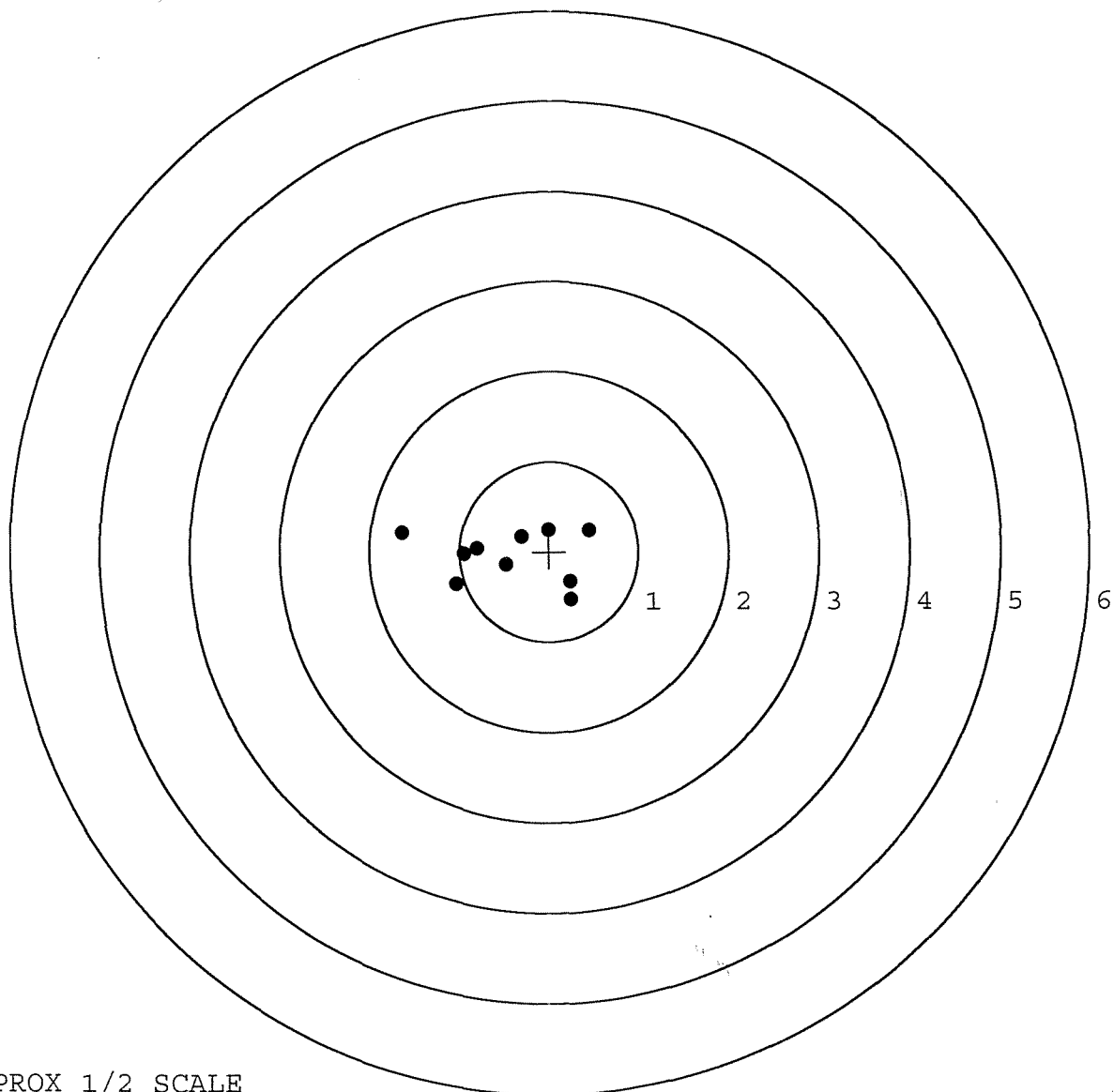
MEAN RADIUS: 0.618

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.637	0.214
2:	-0.953	-0.022
3:	-1.037	-0.366
4:	-0.804	0.044
5:	-0.486	-0.146
6:	-0.310	0.170
7:	-0.013	0.240
8:	0.449	0.240
9:	0.239	-0.333
10:	0.243	-0.531



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461531. __0

TARGET NUMBER: 3

FILE DATE: 12/14/2005

FILE TIME: 22:43

X CENTROID: -0.143

Y CENTROID: 0.169

POA TO CENTROID: 0.222

HORZ SPREAD: 1.433

VERT SPREAD: 1.387

GROUP SPREAD: 1.888

MIN RADIUS: 0.215

MAX RADIUS: 1.121

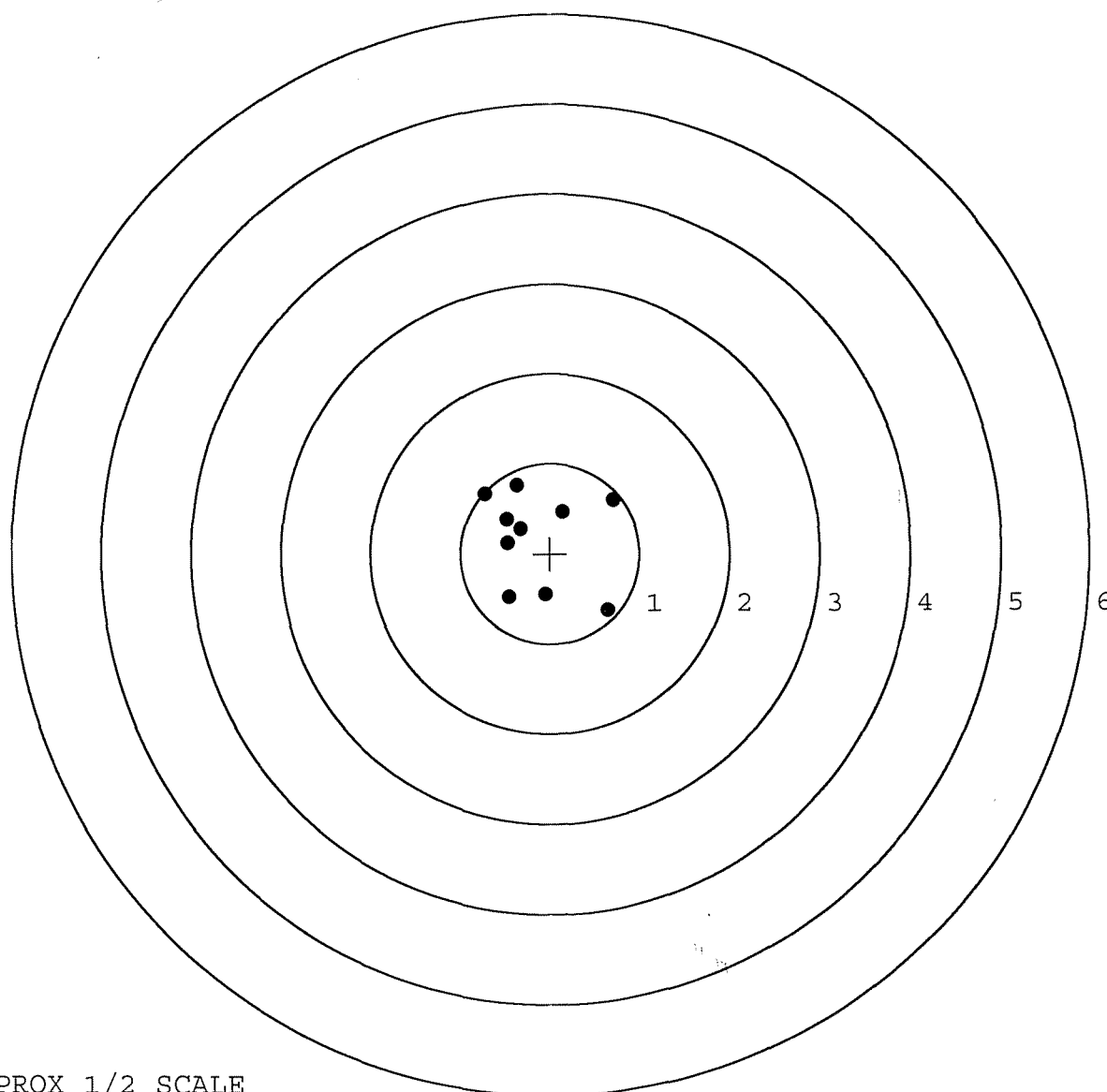
MEAN RADIUS: 0.620

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.645	-0.628
2:	-0.054	-0.459
3:	-0.464	-0.484
4:	0.139	0.461
5:	0.703	0.595
6:	-0.474	0.122
7:	-0.328	0.279
8:	-0.488	0.383
9:	-0.730	0.666
10:	-0.380	0.759



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461531. __0

TARGET NUMBER: 4

FILE DATE: 12/14/2005

FILE TIME: 22:43

X CENTROID: 0.072

Y CENTROID: -0.162

POA TO CENTROID: 0.178

HORZ SPREAD: 1.143

VERT SPREAD: 2.355

GROUP SPREAD: 2.534

MIN RADIUS: 0.061

MAX RADIUS: 1.294

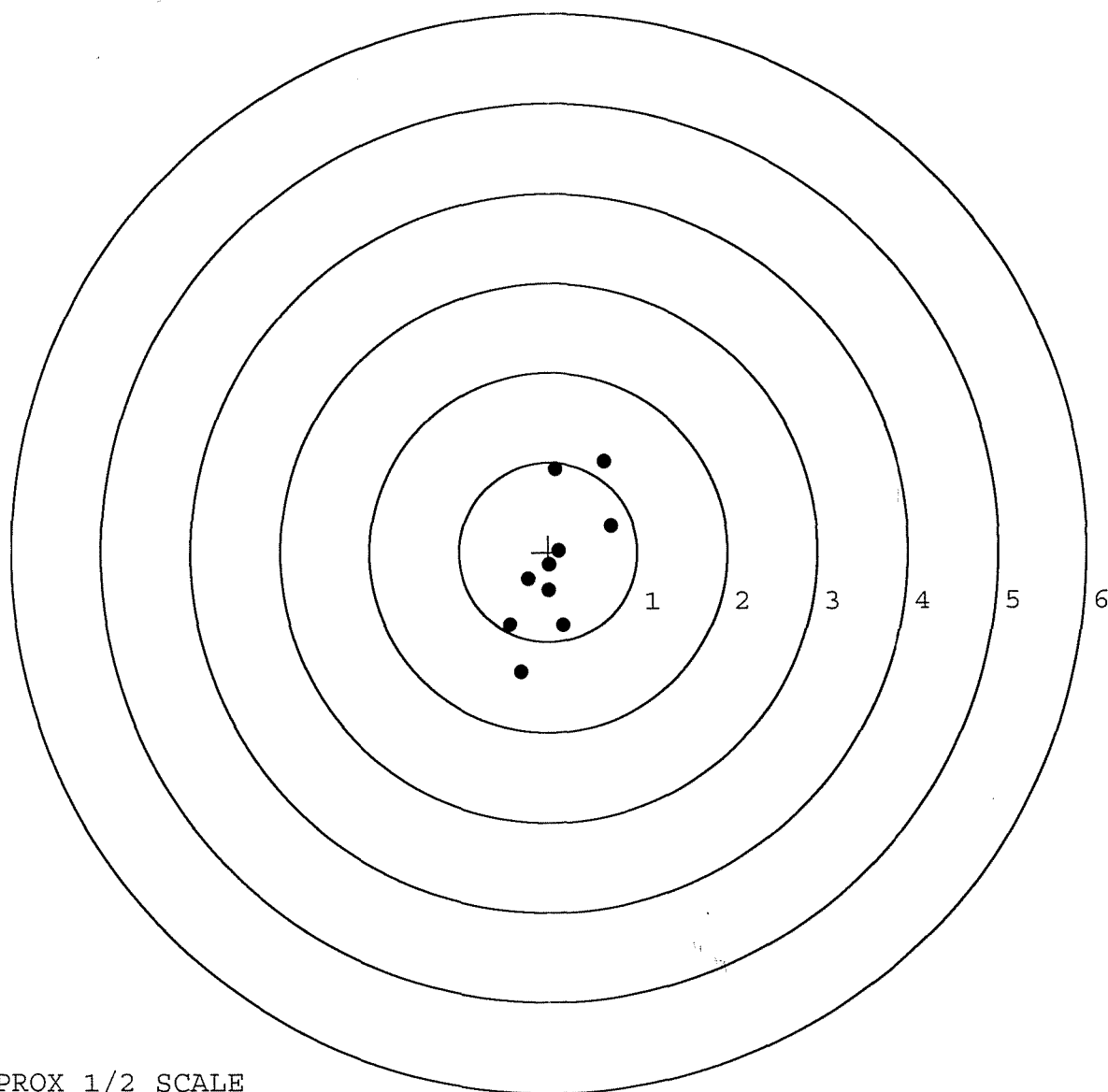
MEAN RADIUS: 0.676

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.313	-1.346
2:	-0.437	-0.815
3:	0.161	-0.825
4:	0.077	0.925
5:	0.622	1.009
6:	0.706	0.296
7:	0.116	0.017
8:	0.013	-0.146
9:	-0.228	-0.305
10:	0.004	-0.433

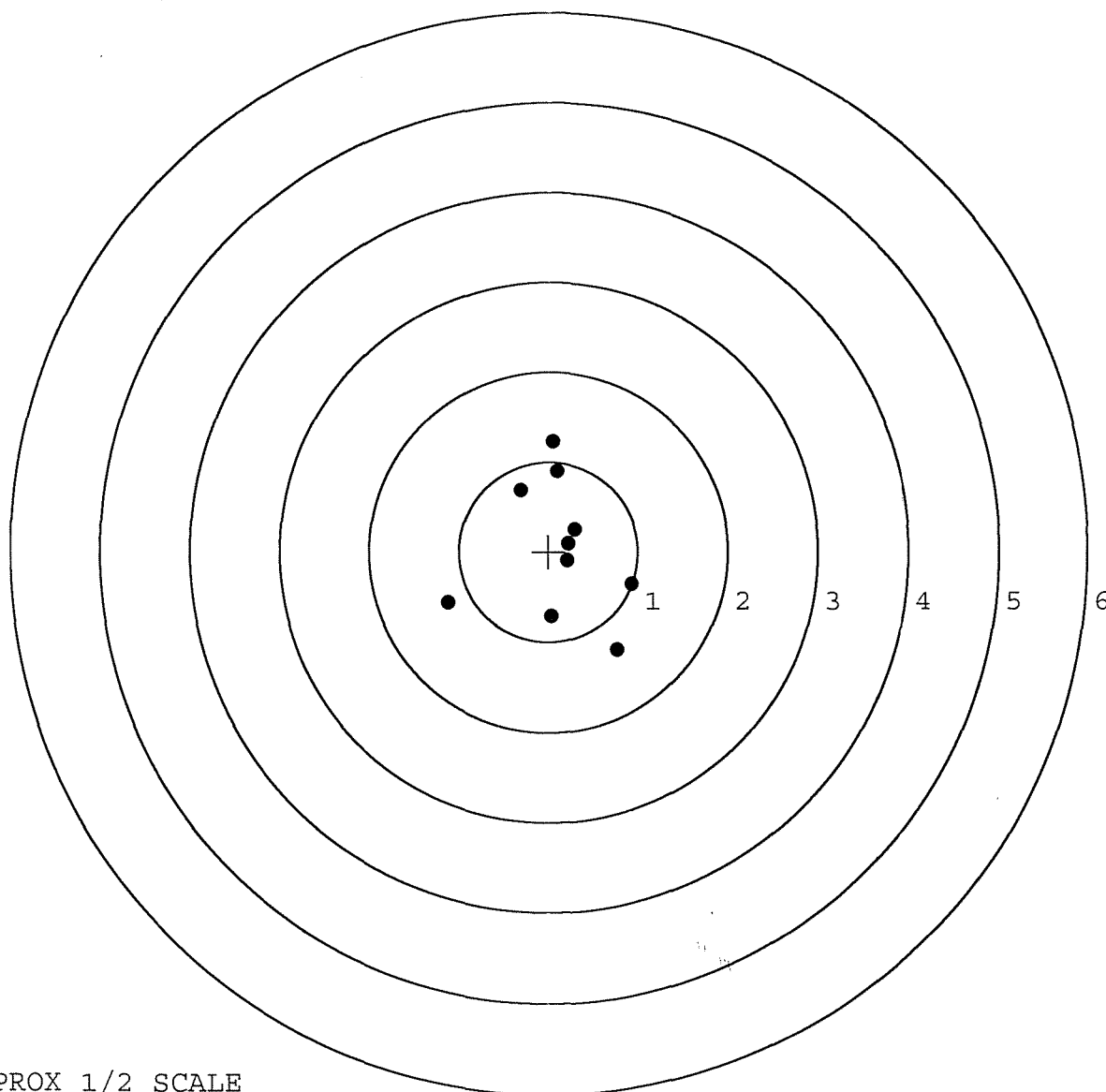


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461531. __0
 TARGET NUMBER: 5
 FILE DATE: 12/14/2005
 FILE TIME: 22:43

X CENTROID: 0.116
 Y CENTROID: 0.030
 POA TO CENTROID: 0.120
 HORZ SPREAD: 2.047
 VERT SPREAD: 2.310
 GROUP SPREAD: 2.137
 MIN RADIUS: 0.126
 MAX RADIUS: 1.373
 MEAN RADIUS: 0.775
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.047	1.222
2:	0.095	0.897
3:	-1.120	-0.568
4:	0.027	-0.725
5:	0.771	-1.088
6:	0.927	-0.363
7:	0.208	-0.106
8:	0.296	0.250
9:	-0.315	0.685
10:	0.225	0.094



TARGET APPROX 1/2 SCALE

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

FORT BENNING

R & E NUMBER	104579			
SERIAL NUMBER	E6413523		G6461531	
LOG-IN DATE	12-5-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		12-6-05	BG
505	RE-BARREL		12-6-05	BG
560	ASSEMBLE		12-7-05	CD
600	PROOF		12-7-05	CD
605	CHECK HEADSPACE		12-7-05	CD
610	DIS-ASSEMBLE GUN		12-7-05	CD
612	MAGNAFLUX		12/12/05	und
510	DRILL AND TAP		12-9-05	BR
615	ROLLMARK CALIBER		12-10-05	CW
618	ROTO-BLAST		12-12-05	LB
620	APPLY COATINGS		12/13/05	AB
625	FINAL ASSEMBLY		12-13-05	AC
640	FUNCTION TEST AND	PASS	12/14/05	MPP
650	TARGET	PASS		
	MALFUNCTION Both legs	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		12-15-05	RTZ
	A) HEADSPACE	PASS	12-15-05	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.8 2.76 2.5 2.63 2.64	RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6.9 10.5 5.70	RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.0	RTZ
	I) FIRING PIN INDENT	.020	0.23 0.23 0.22	
690	PACK		12/16/05	RTZ

Parts/Repairs

800-243-9700

Fax

336-548-7801

www.remington.com info@remington.com

**REPAIR
DOCUMENT****REPAIR
DOCUMENT**

Repair Order Number: RE00057388 Account # - R-	Description/Serial Number: E6413563 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)	Date Received - 12/12/2002 Estimate Date - Current Date - 12/13/2002
Customer: USAIC DFEL SUPPLY DIV BLDG 490 FORT BENNING, GA 31905 US	Return To: USAIC DFEL SUPPLY DIV BLDG 490 FORT BENNING, GA 31905 US	
Phone (H) Phone (W)	Fax Email	

Problems	
Reported	Found
M993 REFURBISH	

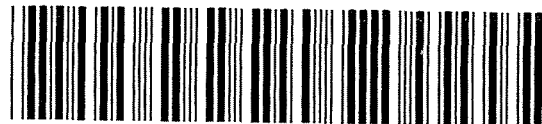
Technician's Comments	
Condition	REC'D IN HARD CASE W/ OTHER GUN.

New**E 641 3523****E6413563**

Model: 700

Material # Materi

Total:

**RE00057388**

rantv (Y/N)

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

DATE - 1-03-03

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.58		2.70	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT ABLE LESS THAN
PULL #2	2.54	2.59		2.69	
PULL #3	2.58	2.55		2.71	
PULL #4	2.69	2.56		2.66	
PULL #5	2.67	2.57		2.69	
TOTAL	12.96	12.85		13.45	
AVG.	2.59	2.57		2.69	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.20		
PULL #2	3.31	3.22		
PULL #3	3.32	3.19		
PULL #4	3.38	3.22		
PULL #5	3.45	3.26		
TOTAL	16.64	16.09		
AVG.	3.32	3.21		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# & TARGET & ACCU
PULL #1	4.32	4.09		4.28
PULL #2	4.17	4.13		4.39
PULL #3	4.44	4.18		4.25
PULL #4	4.31	4.24		4.29
PULL #5	4.17	4.22		4.26
TOTAL	21.41	20.90		21.47
AVG.	4.28	4.18		4.29

FINAL INSPECTION CHECKLIST M-24 REPAIRS

CONTRACT #: DAAE-20-02-D-0127

SERIAL # E10413523INSPECTED BY: RTLDATE REC'D: 12-12-02DATE RET'D: 1-16-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	57388		
SERIAL NUMBER	E6413563 E60413523 New		
LOG-IN DATE	12-12-02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-3-03	RTL
560 A	RE-BARREL	1-7-03	ATA
B	DRILL AND TAP	1-7-03	TRW
575	ASSEMBLE	1-7-03	RL
600	PROOF	1-7-03	RW
605	CHECK HEADSPACE	1-7-03	RW
610	DIS-ASSEMBLE GUN	1-7-03	RW
612	MAGNAFLUX	1-8-03	FD
615	ROLLMARK CALIBER	1-7-03	RW
618	ROTO-BLAST	1-8-03	RL
620	APPLY COATINGS	1-10	TA
625 A	FINAL ASSEMBLY	1-13-03	RTL
B	TRIGGER PULL TEST	1-16-03	TRW
C	SAFETY "ON" FORCE	1-16-03	TRW
D	SAFETY "OFF" FORCE	1-16-03	TRW
E	FIRING PIN INDENT	1-14-03	TRW
640	TARGET	1-14-03	TRW
655	FINAL INSPECT	1-14-03	RTL
660	PACK	1-16-03	ATA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413523.___0

FILE DATE AND TIME: 01/15/2003 14:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.138
The Average Y Centroid of the Five Target Set:	-0.084
The Average Point of Impact of the Five Target Set:	0.162
The Average Mean Radius of the Five Target Set:	0.554
The Distance from POA to Centroid Target #1:	0.192
The Distance from Centroid Target #2 to Centroid Target #1:	0.029
The Distance from Centroid Target #3 to Centroid Target #1:	0.139
The Distance from Centroid Target #4 to Centroid Target #1:	0.066
The Distance from Centroid Target #5 to Centroid Target #1:	0.088

SERIAL NUMBER: E6413523. __0

TARGET NUMBER: 1

FILE DATE: 01/15/2003

FILE TIME: 14:43

POINT#	X	Y
1:	0.335	-0.533
2:	-0.047	-0.933
3:	-0.204	1.103
4:	0.417	0.158
5:	0.211	0.229
6:	-0.086	0.187
7:	-0.872	-0.034
8:	-0.622	-0.096
9:	-0.439	-0.187
10:	-0.556	-0.366

X CENTROID: -0.186

Y CENTROID: -0.047

POA TO CENTROID: 0.192

HORZ SPREAD: 1.289

VERT SPREAD: 2.036

GROUP SPREAD: 2.042

MIN RADIUS: 0.255

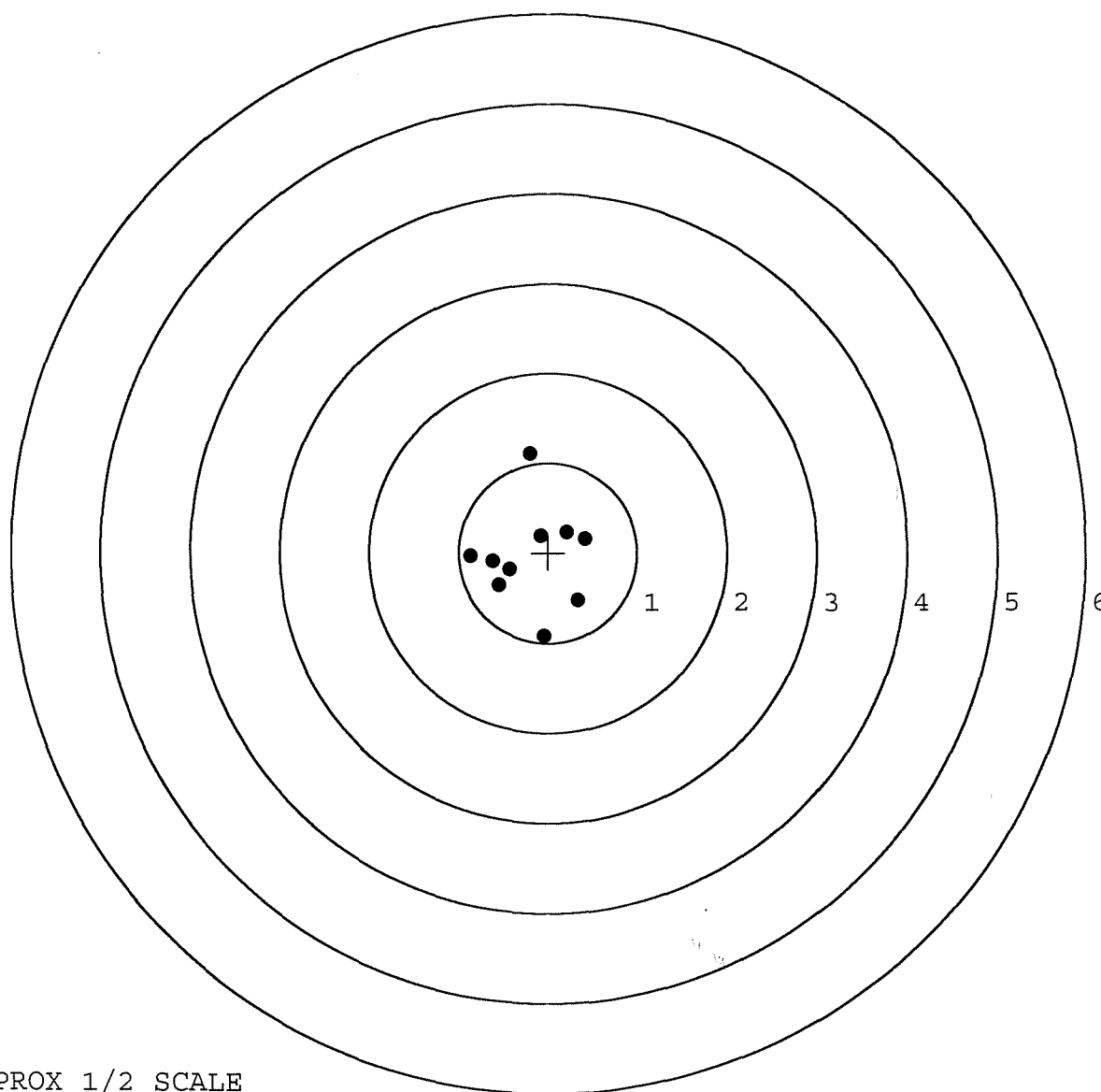
MAX RADIUS: 1.150

MEAN RADIUS: 0.604

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413523. __0

TARGET NUMBER: 2

FILE DATE: 01/15/2003

FILE TIME: 14:43

POINT#	X	Y
1:	-0.522	-1.553
2:	0.029	-0.238
3:	0.583	0.183
4:	0.323	0.266
5:	0.040	0.207
6:	-0.323	0.393
7:	-0.605	0.045
8:	-0.588	-0.232
9:	-0.409	0.016
10:	-0.231	0.196

X CENTROID: -0.170

Y CENTROID: -0.072

POA TO CENTROID: 0.185

HORZ SPREAD: 1.188

VERT SPREAD: 1.946

GROUP SPREAD: 2.058

MIN RADIUS: 0.254

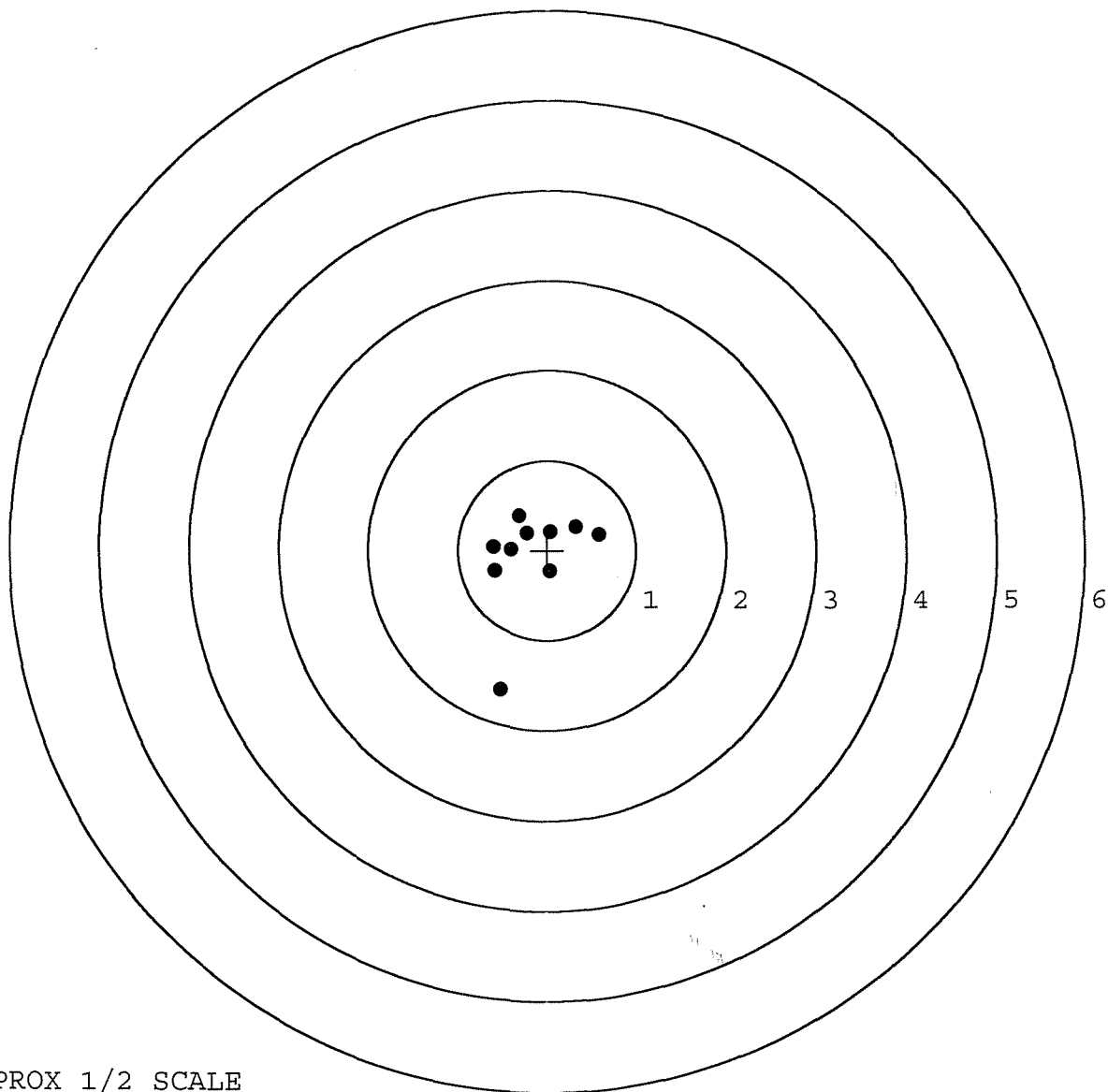
MAX RADIUS: 1.522

MEAN RADIUS: 0.544

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413523. __0

TARGET NUMBER: 3

FILE DATE: 01/15/2003

FILE TIME: 14:43

X CENTROID: -0.062

Y CENTROID: -0.110

POA TO CENTROID: 0.127

HORZ SPREAD: 1.198

VERT SPREAD: 1.004

GROUP SPREAD: 1.225

MIN RADIUS: 0.205

MAX RADIUS: 0.670

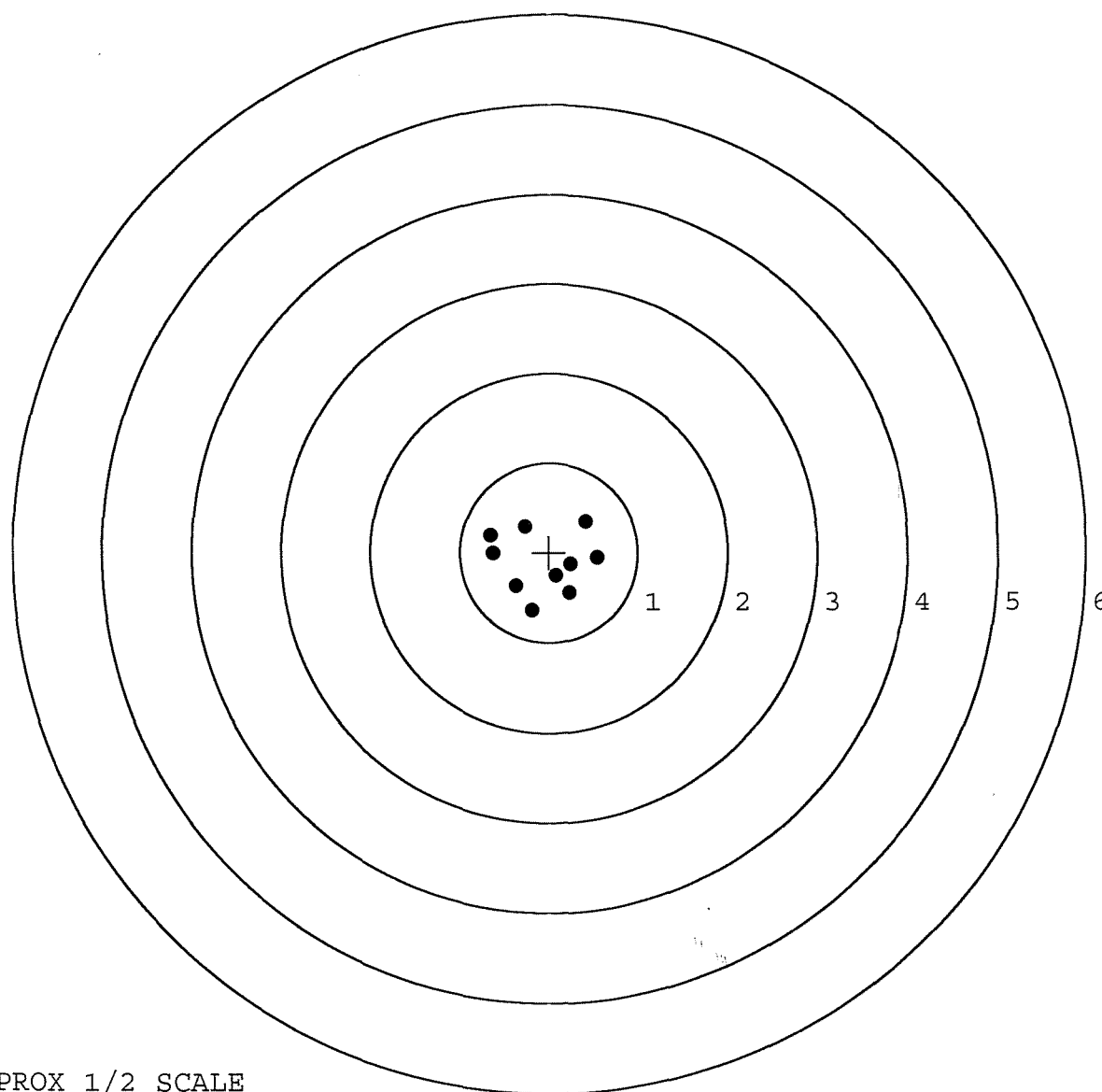
MEAN RADIUS: 0.490

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.196	-0.652
2:	-0.380	-0.377
3:	-0.627	-0.012
4:	-0.658	0.197
5:	-0.269	0.291
6:	0.233	-0.450
7:	0.076	-0.261
8:	0.241	-0.132
9:	0.540	-0.057
10:	0.415	0.352



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413523. __0

TARGET NUMBER: 4

FILE DATE: 01/15/2003

FILE TIME: 14:43

POINT#	X	Y
1:	0.134	-1.014
2:	0.368	-0.480
3:	0.015	-0.572
4:	-0.392	-0.562
5:	0.319	0.436
6:	-0.576	0.834
7:	-0.714	0.388
8:	-0.188	0.302
9:	0.045	0.064
10:	-0.237	-0.054

X CENTROID: -0.123

Y CENTROID: -0.066

POA TO CENTROID: 0.139

HORZ SPREAD: 1.082

VERT SPREAD: 1.848

GROUP SPREAD: 1.980

MIN RADIUS: 0.115

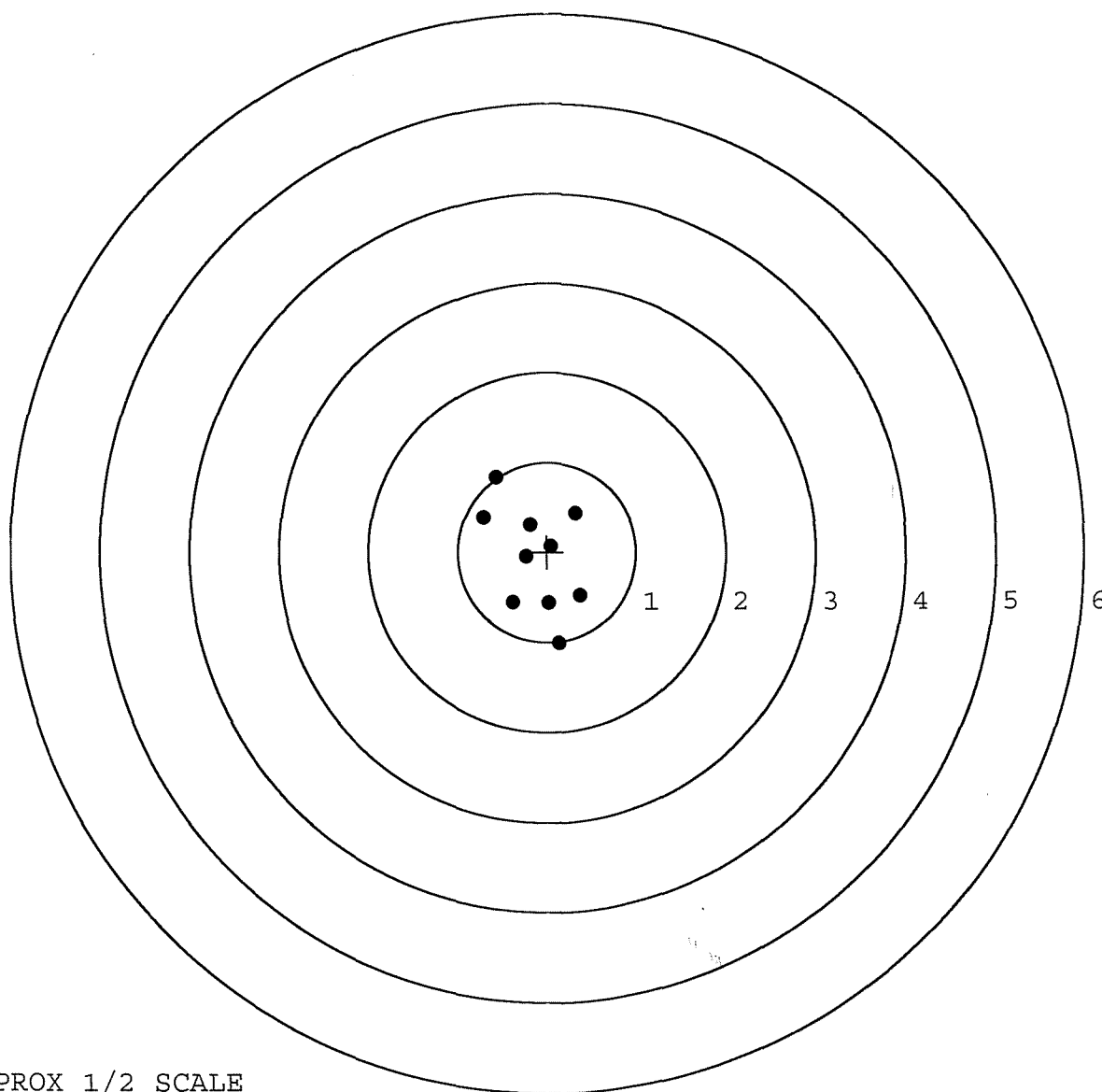
MAX RADIUS: 1.008

MEAN RADIUS: 0.584

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

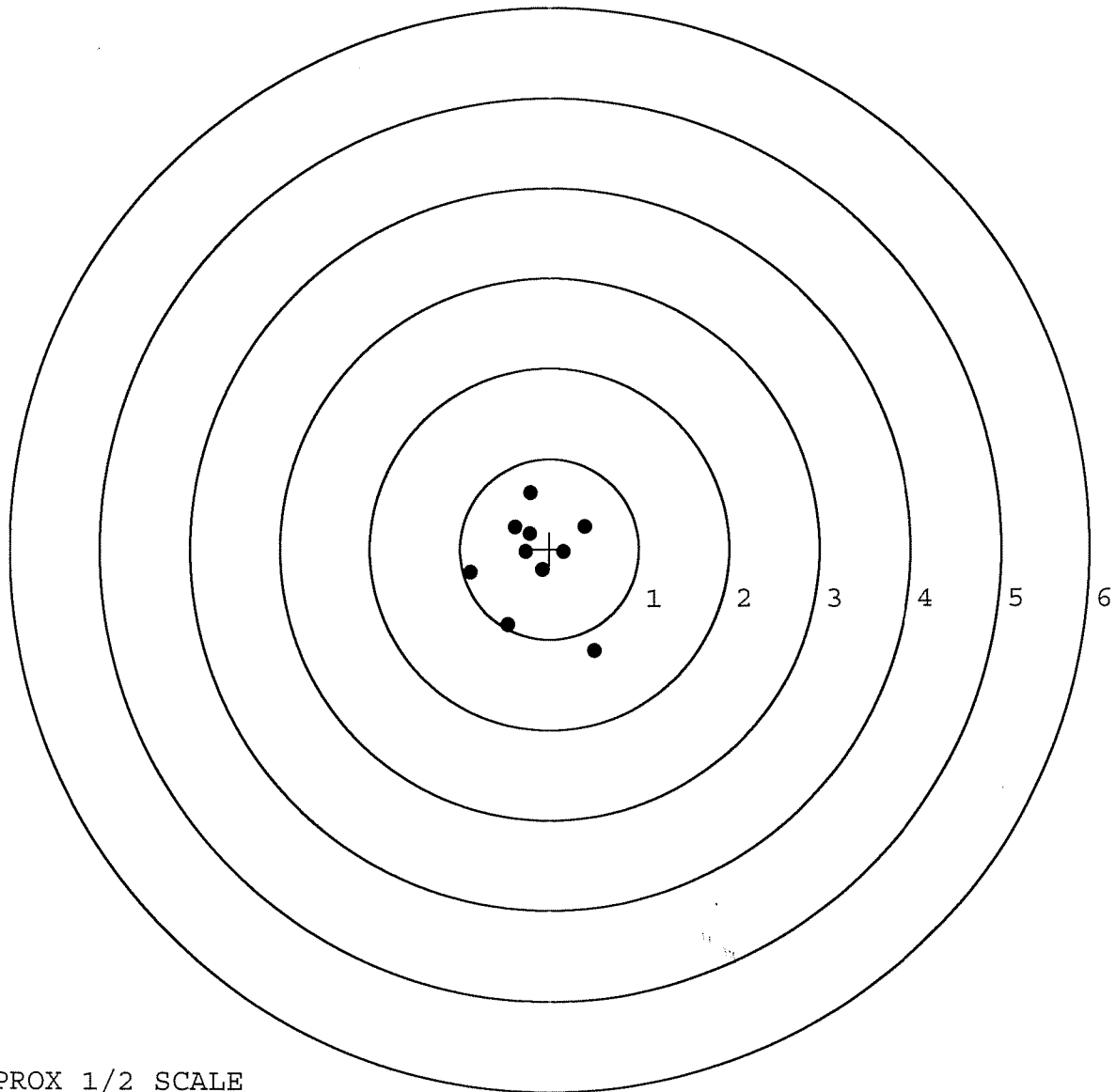


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413523. __0
 TARGET NUMBER: 5
 FILE DATE: 01/15/2003
 FILE TIME: 14:43

X CENTROID: -0.148
 Y CENTROID: -0.126
 POA TO CENTROID: 0.195
 HORZ SPREAD: 1.386
 VERT SPREAD: 1.754
 GROUP SPREAD: 1.895
 MIN RADIUS: 0.127
 MAX RADIUS: 1.197
 MEAN RADIUS: 0.549
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.502	-1.132
2:	-0.467	-0.841
3:	-0.884	-0.265
4:	0.394	0.247
5:	0.159	-0.039
6:	-0.081	-0.234
7:	-0.271	-0.037
8:	-0.224	0.169
9:	-0.392	0.245
10:	-0.216	0.622



TARGET APPROX 1/2 SCALE

R 99-20508

FROM:		SHIP TO:	
U S ARMY		U S ARMY	
CO D 2/29 INF REGT		CO D 2/29 INF REGT	
BLDG 73		BLDG 73	
FT BENNING	GA 31905	FT BENNING	GA 31905

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.	A2	B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

[illegible]

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 M2490152600

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413563.

4 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2084

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .021

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .209455

THE AMR FOR THIS RIFLE IS: 1.274

CENTROIDAL DISTANCES

0	TO	1	.46676
1	TO	2	.695576
1	TO	3	.56604
1	TO	4	.498121
1	TO	5	.609643

1
3 +4 <----POA
2 5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

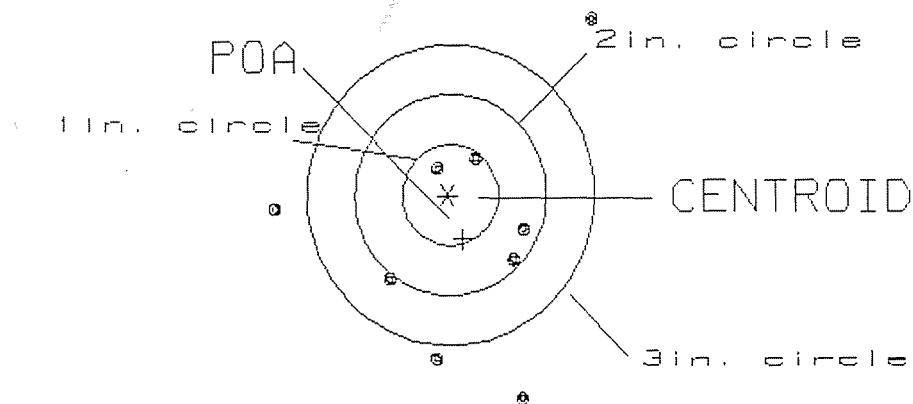
PATTERN #: 1

POA TO CENTROID: .467
 MIN RADIUS : .272
 MEAN RADIUS : 1.507
 MAX RADIUS : 3.539
 CENTROID X : -.164
 CENTROID Y : .437

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413563

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.32

2

VS= 5.33

4

GS= 5.71

5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

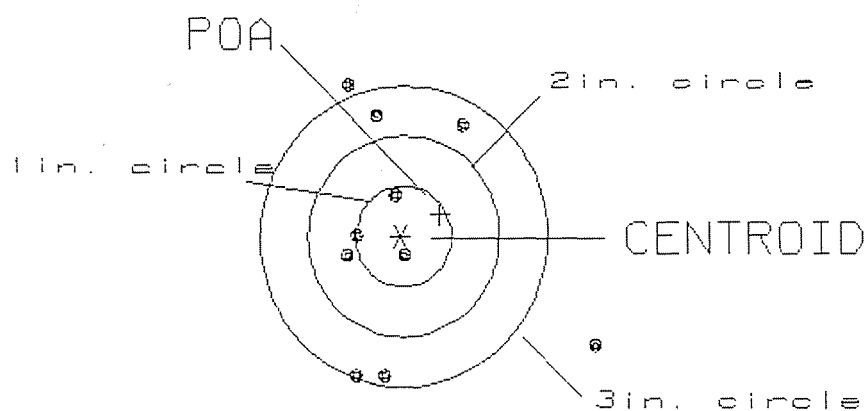
PATTERN #: 2

POA TO CENTROID: .461
 MIN RADIUS : .236
 MEAN RADIUS : 1.107
 MAX RADIUS : 2.310
 CENTROID X : -.409
 CENTROID Y : -.214

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413563

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.66

3

VS= 2.87

4

GS= 3.68

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .539

MIN RADIUS : .052

MEAN RADIUS : 1.228

MAX RADIUS : 2.757

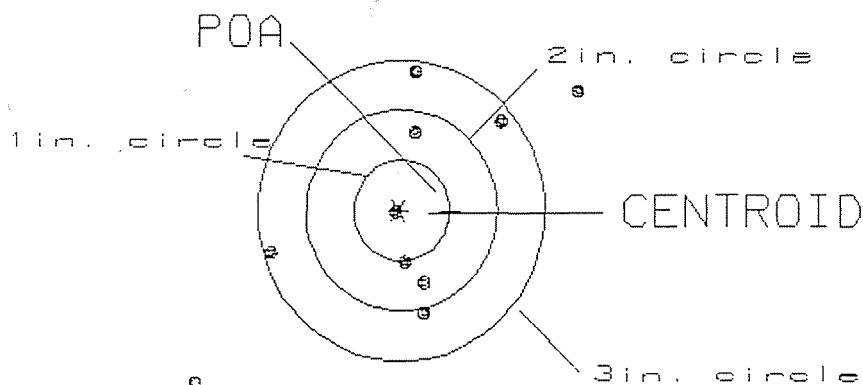
CENTROID X : -.539

CENTROID Y : .013

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413563

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.99

2

VS= 3.12

5

GS= 4.91

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

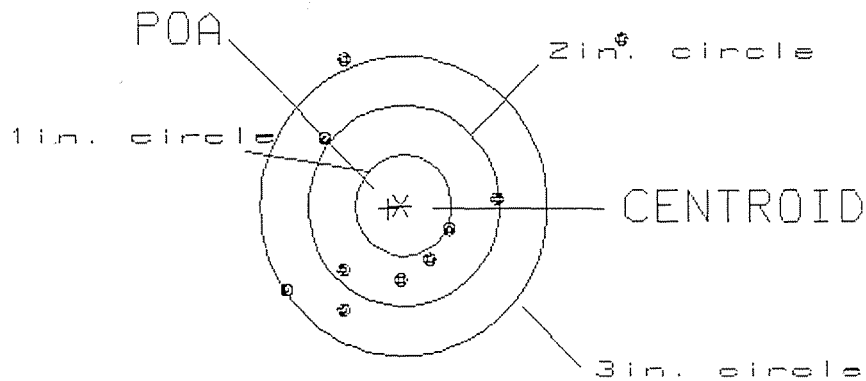
PATTERN #: 4

POA TO CENTROID: .130
 MIN RADIUS : .534
 MEAN RADIUS : 1.187
 MAX RADIUS : 2.833
 CENTROID X : .126
 CENTROID Y : .032

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413563

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.47

0

US= 2.71

5

GS= 4.26

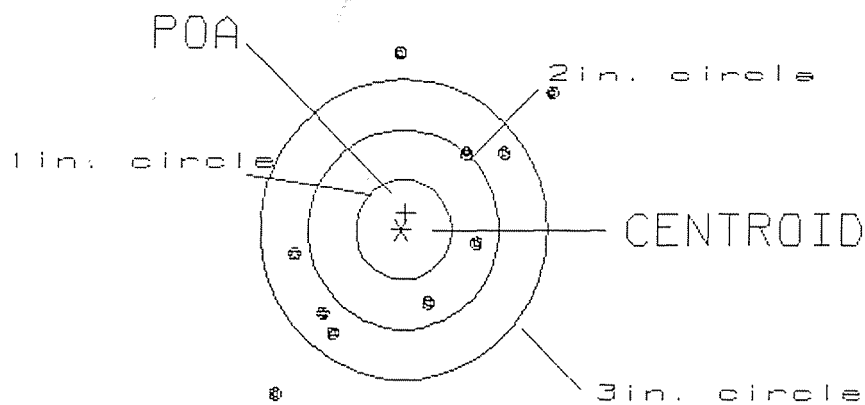
8

PATTERN #: 050
 POA TO CENTROID: .172
 MIN RADIUS : .734
 MEAN RADIUS : 1.339
 MAX RADIUS : 2.098
 CENTROID X : -.056
 CENTROID Y : -.163

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413563

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.85

0

VS= 3.39

2

GS= 4.15

7

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. E6413563

LOG IN DATE: / /		DATE	INT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12/12/99	RW
605	CHECK HEADSPACE	12/12/99	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	2-1-00	RW
655	FINAL INSPECT	2-8-00	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

S.N: E6413563

DATE REC'D: 10-18-99

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ Mounting Screws
- ☒ Mounting Base
- ☒ SCREWS
- ☒ FINISH
- ☒ Looseness
- ☒ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ Stock
- ☒ Sling Swivel Studs
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ Iron SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments: