

GC410241
Replaced
E 6413544

Repair Inquiry

Repair Number: RE00128298

Serial: G6410241 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

New 4/20/2007 1:44:57 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: CCEP ITT (W33RQN)

CCEP ITT (W33RQN)

Address 1: BLDG 9106 CRESCENZ LN

BLDG 9106 CRESCENZ LN

Address 2: PO Box:

PO Box:

City: FT BENNING

FT 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	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

maglet

4/20/2007

3:11 PM

CAPS

NUM

INS

SCRL

start

4 Mi...

4 Int...

Arms ...

Part S...

3 Mi...

Chang...

3:11 PM

Serial
Number:

G6410241

Model: M24 SWS



RE00128298

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410241.___0
FILE DATE AND TIME: 05/15/2007 12:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.022
The Average Y Centroid of the Five Target Set:	-0.004
The Average Point of Impact of the Five Target Set:	0.022
The Average Mean Radius of the Five Target Set:	0.994
The Distance from POA to Centroid Target #1:	0.537
The Distance from Centroid Target #2 to Centroid Target #1:	0.699
The Distance from Centroid Target #3 to Centroid Target #1:	0.712
The Distance from Centroid Target #4 to Centroid Target #1:	0.685
The Distance from Centroid Target #5 to Centroid Target #1:	0.667

BARBER - M24 0149120

SERIAL NUMBER: G6410241. 0

TARGET NUMBER: 1

FILE DATE: 05/15/2007

FILE TIME: 12:23

X CENTROID: -0.213

Y CENTROID: 0.493

POA TO CENTROID: 0.537

HORZ SPREAD: 2.146

VERT SPREAD: 3.658

GROUP SPREAD: 3.799

MIN RADIUS: 0.486

MAX RADIUS: 2.352

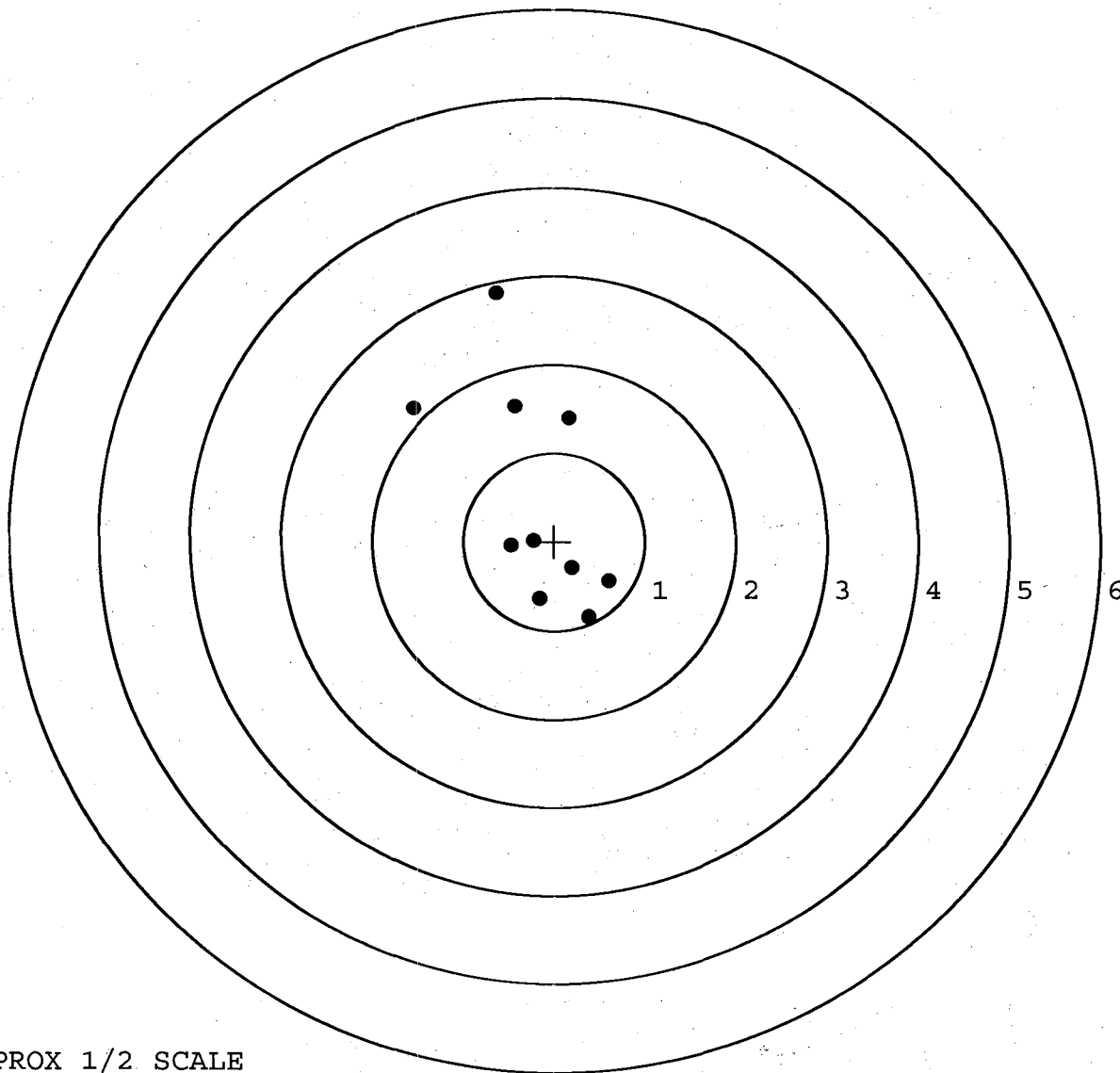
MEAN RADIUS: 1.190

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.385	-0.852
2:	0.603	-0.447
3:	0.198	-0.306
4:	-0.164	-0.648
5:	-0.233	0.007
6:	-0.476	-0.049
7:	-1.543	1.499
8:	-0.430	1.524
9:	0.170	1.393
10:	-0.639	2.806



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410241.0

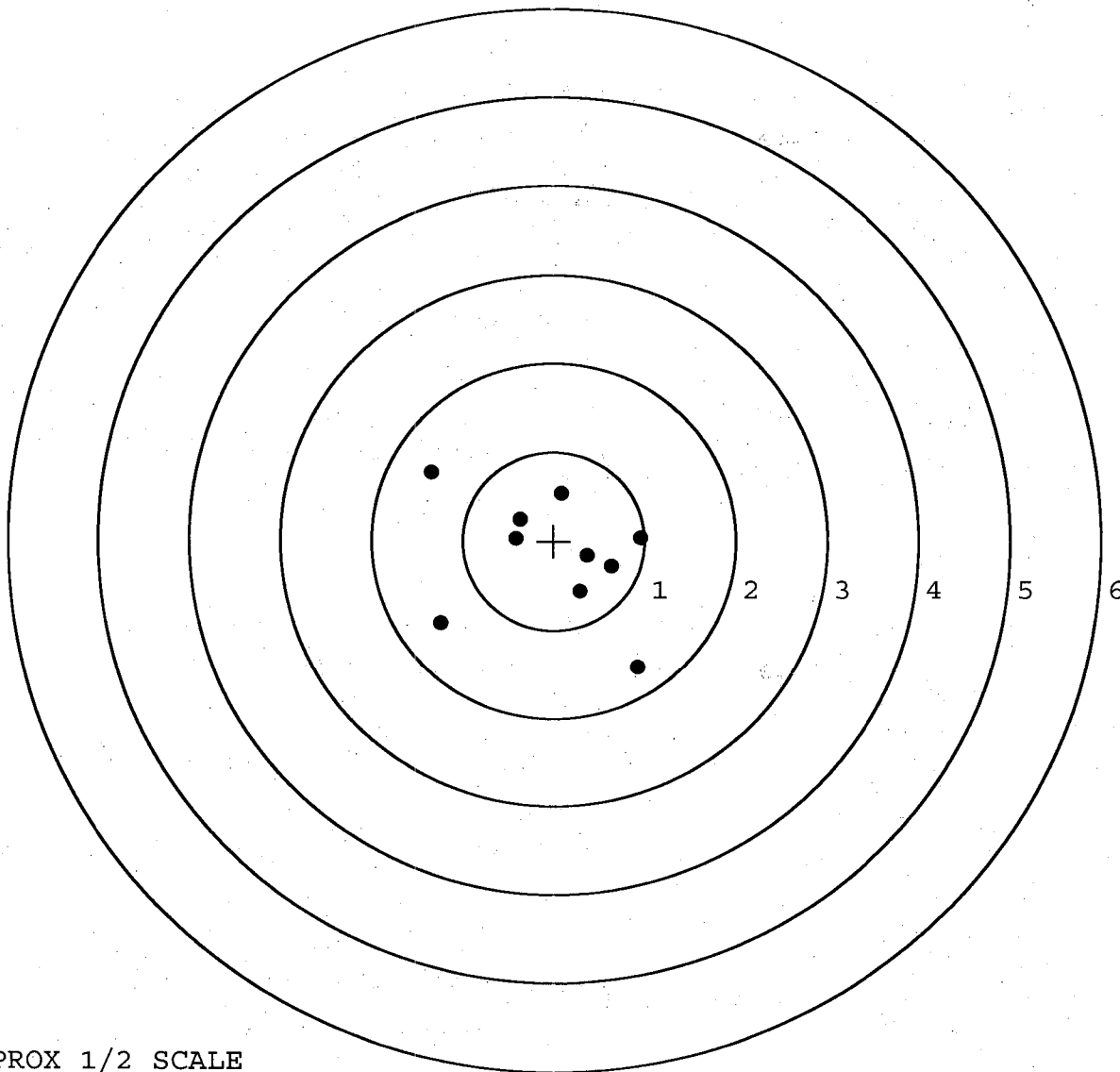
TARGET NUMBER: 2

FILE DATE: 05/15/2007

FILE TIME: 12:23

X CENTROID: -0.011
 Y CENTROID: -0.177
 POA TO CENTROID: 0.177
 HORZ SPREAD: 2.297
 VERT SPREAD: 2.191
 GROUP SPREAD: 3.152
 MIN RADIUS: 0.384
 MAX RADIUS: 1.634
 MEAN RADIUS: 0.888
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.924	-1.421
2:	0.955	0.036
3:	0.634	-0.293
4:	0.373	-0.169
5:	0.289	-0.573
6:	-1.245	-0.923
7:	-0.416	0.029
8:	-0.369	0.245
9:	0.092	0.532
10:	-1.342	0.770

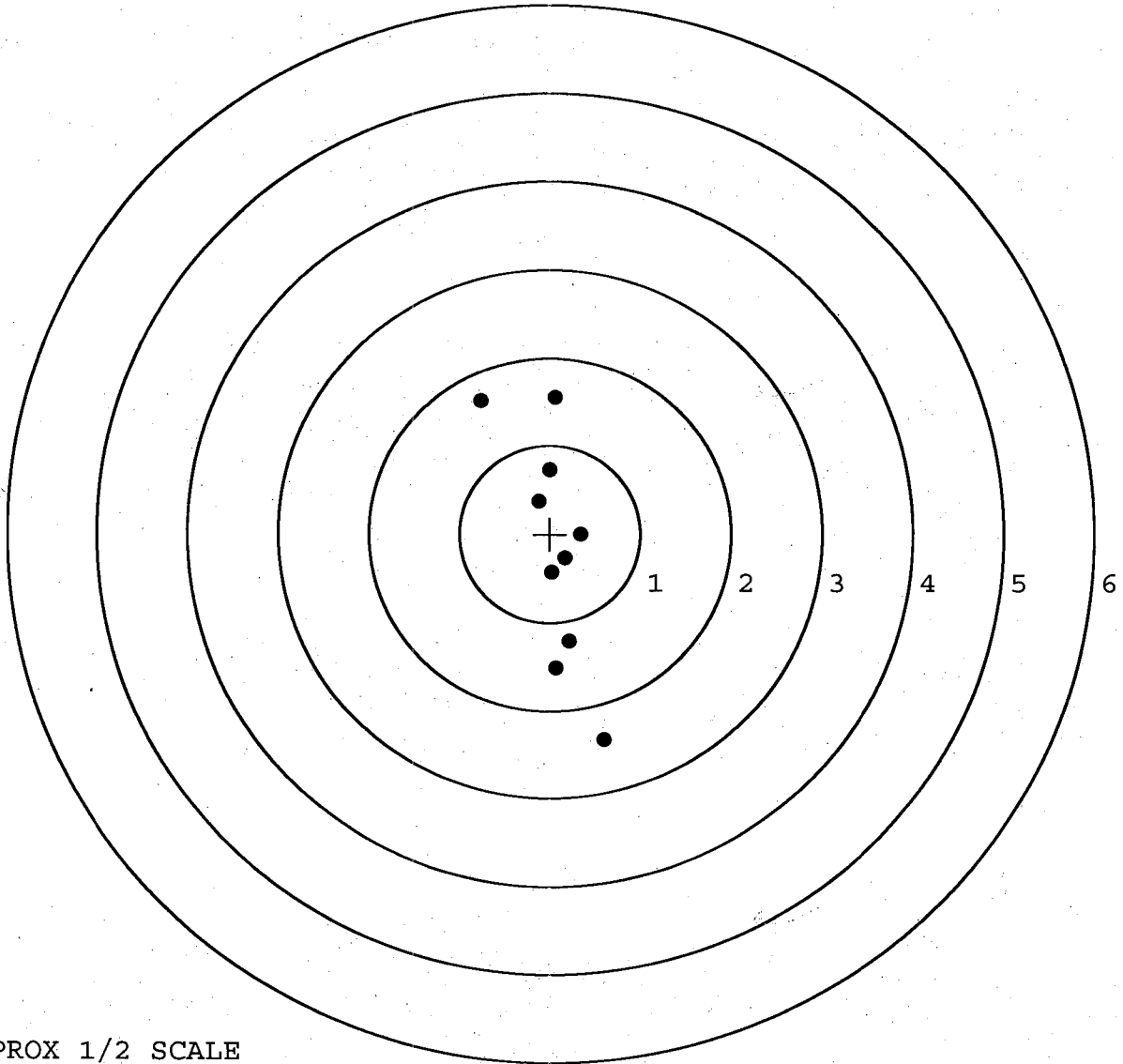


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410241.0
 TARGET NUMBER: 3
 FILE DATE: 05/15/2007
 FILE TIME: 12:23

POINT#	X	Y
1:	0.605	-2.338
2:	0.067	-1.517
3:	0.215	-1.219
4:	0.026	-0.439
5:	0.168	-0.280
6:	0.340	-0.011
7:	-0.123	0.368
8:	-0.001	0.726
9:	0.061	1.552
10:	-0.762	1.510

X CENTROID: 0.060
 Y CENTROID: -0.165
 POA TO CENTROID: 0.175
 HORZ SPREAD: 1.367
 VERT SPREAD: 3.890
 GROUP SPREAD: 4.084
 MIN RADIUS: 0.158
 MAX RADIUS: 2.241
 MEAN RADIUS: 1.045
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0149123
SERIAL NUMBER: G8410241.0

TARGET NUMBER: 4

FILE DATE: 05/15/2007

FILE TIME: 12:23

X CENTROID: 0.174

Y CENTROID: -0.072

POA TO CENTROID: 0.188

HORZ SPREAD: 1.694

VERT SPREAD: 3.162

GROUP SPREAD: 3.587

MIN RADIUS: 0.102

MAX RADIUS: 1.905

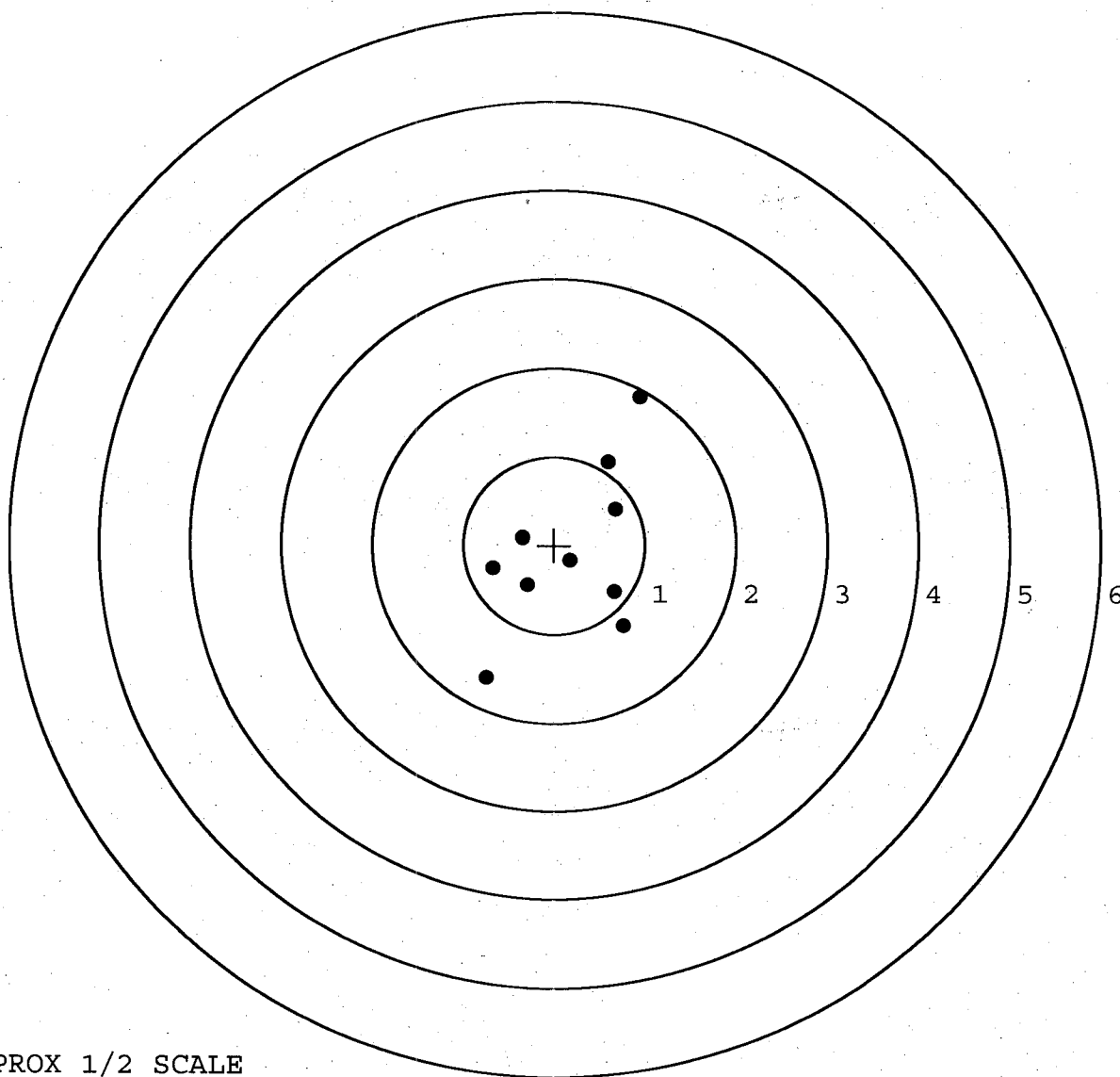
MEAN RADIUS: 0.921

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.762	-0.912
2:	0.660	-0.527
3:	0.178	-0.174
4:	0.676	0.405
5:	0.599	0.940
6:	0.943	1.671
7:	-0.351	0.085
8:	-0.294	-0.456
9:	-0.680	-0.261
10:	-0.751	-1.491

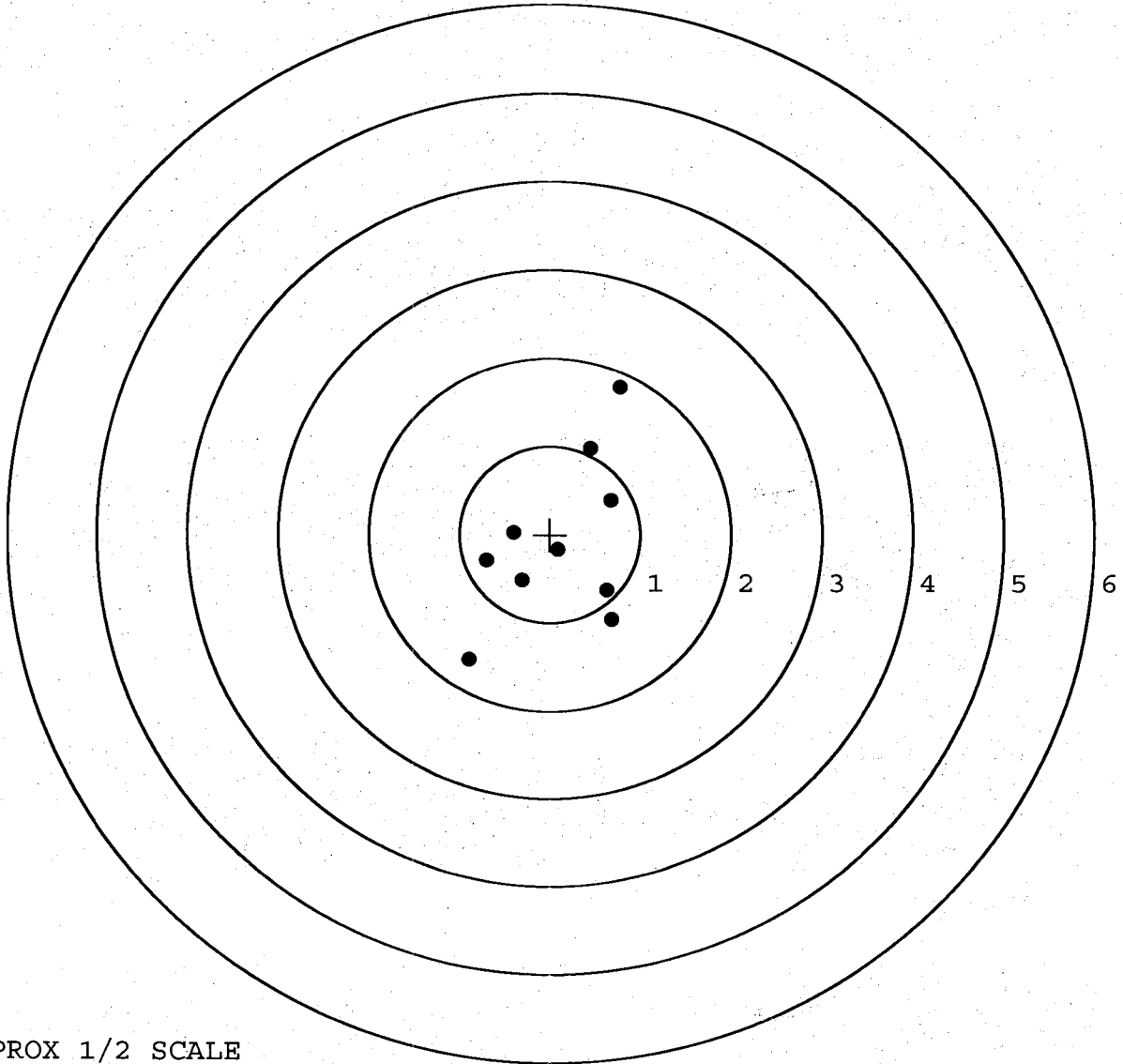


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410241.0
 TARGET NUMBER: 5
 FILE DATE: 05/15/2007
 FILE TIME: 12:23

POINT#	X	Y
1:	0.682	-0.970
2:	0.627	-0.637
3:	0.676	0.391
4:	0.451	0.977
5:	0.777	1.662
6:	0.090	-0.178
7:	-0.404	0.021
8:	-0.313	-0.520
9:	-0.702	-0.298
10:	-0.894	-1.416

X CENTROID: 0.099
 Y CENTROID: -0.097
 POA TO CENTROID: 0.138
 HORZ SPREAD: 1.671
 VERT SPREAD: 3.078
 GROUP SPREAD: 3.502
 MIN RADIUS: 0.082
 MAX RADIUS: 1.885
 MEAN RADIUS: 0.924
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

R & E NUMBER		128298	
SERIAL NUMBER		C60410241	
LOG-IN DATE		4-20-07	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-25-07	RTZ
505	RE-BARREL	4-30-07	RTZ
560	ASSEMBLE	4-30-07	RTZ
600	PROOF	5-1-07	TRW
605	CHECK HEADSPACE	5-1-07	TRW
610	DIS-ASSEMBLE GUN	5-1-07	RTZ
612	MAGNAFLUX	5/2/07	unus
510	DRILL AND TAP	5-1-07	Fm
615	ROLLMARK CALIBER	5-1-07	CW
618	ROTO-BLAST	5-2-07	UB
620	APPLY COATINGS	5-5-07	W
625	FINAL ASSEMBLY	5-11-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-15-07 TRW
650	TARGET	PASS FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	5-15-07 Fm
670	FINAL INSPECTION		5-15-07 RTZ
	A) HEADSPACE	PASS FAIL	5-15-07 RTZ
	B) TRIGGER PULL	2.59 2.69 2.58 2.57 2.75	5-15-07 TRW
	F) SAFETY ON FORCE	2.5 2.5 2.5	5-15-07 TRW
	G) SAFETY OFF FORCE	9.25 8.25 8.5	5-15-07 TRW
	I) FIRING PIN INDENT	.0225 .022 .0225	5-15-07 TRW
690	PACK		5-15-07 RTZ

Repair Inquiry

Repair Number: RE00111255

Serial: E6413544 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/19/2006 12:00:02 PM

Verify Repair

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
NotesCSR
Notes

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
B000	FRONT AND REAR E	2

Repair Search

Refresh

Close

nagletj

4/20/2006

7:31 AM

CAPS

NUM

INS

SCRL



Arms Services Repair ...



7:31 AM

G 6410241

~~E6413544~~

Model: M24 SWS



RE00111255

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410241.___0
FILE DATE AND TIME: 05/17/2006 16:28

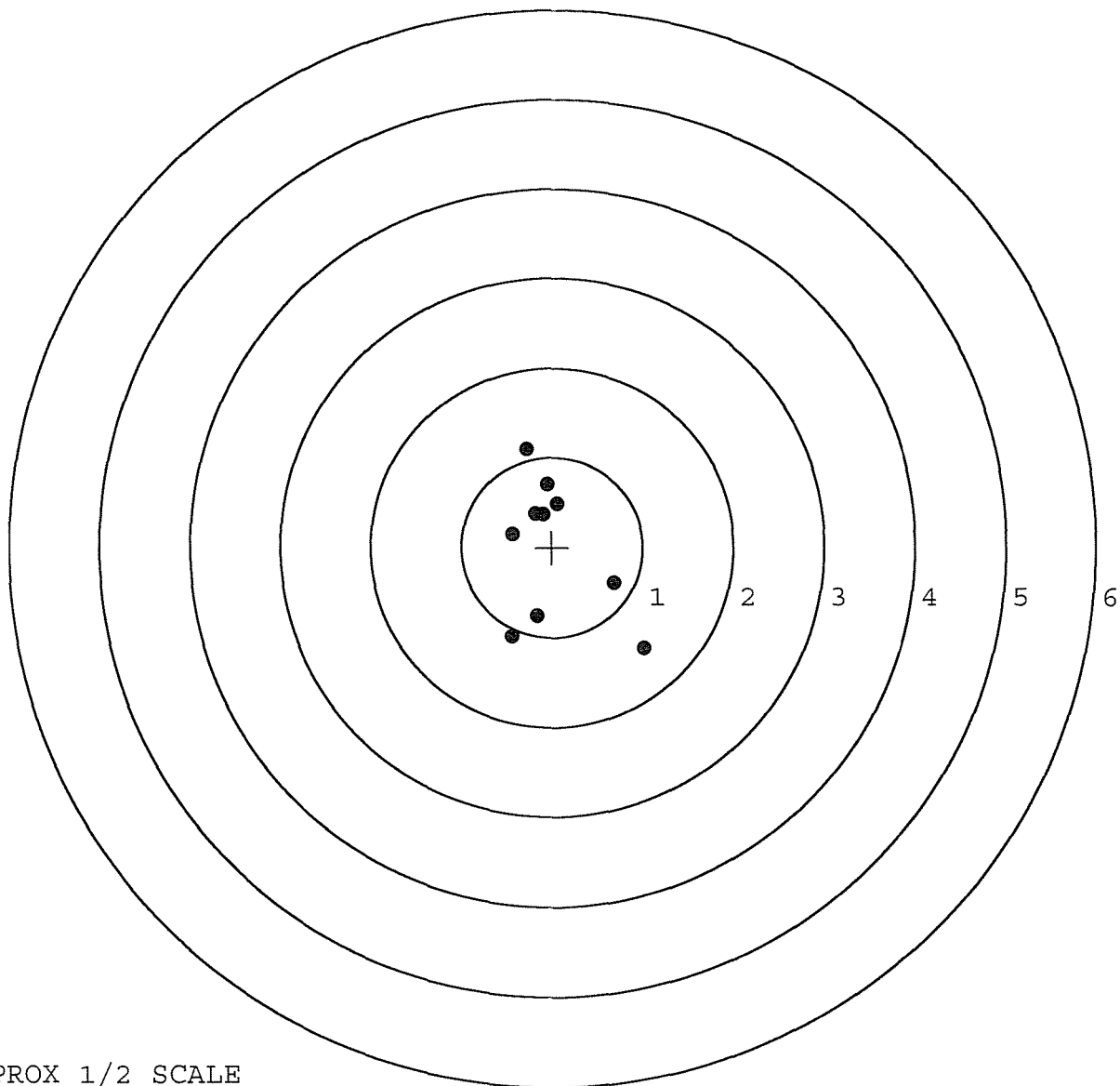
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.091
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.102
The Average Mean Radius of the Five Target Set:	0.679
The Distance from POA to Centroid Target #1:	0.017
The Distance from Centroid Target #2 to Centroid Target #1:	0.214
The Distance from Centroid Target #3 to Centroid Target #1:	0.303
The Distance from Centroid Target #4 to Centroid Target #1:	0.221
The Distance from Centroid Target #5 to Centroid Target #1:	0.079

SERIAL NUMBER: G6410241.____0
 TARGET NUMBER: 1
 FILE DATE: 05/17/2006
 FILE TIME: 16:28

X CENTROID: 0.008
 Y CENTROID: -0.015
 POA TO CENTROID: 0.017
 HORZ SPREAD: 1.458
 VERT SPREAD: 2.215
 GROUP SPREAD: 2.574
 MIN RADIUS: 0.393
 MAX RADIUS: 1.501
 MEAN RADIUS: 0.778
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.293	1.090
2:	-0.054	0.694
3:	0.054	0.481
4:	-0.192	0.369
5:	-0.436	0.144
6:	-0.440	-0.994
7:	-0.160	-0.771
8:	0.686	-0.397
9:	1.018	-1.125
10:	-0.101	0.363

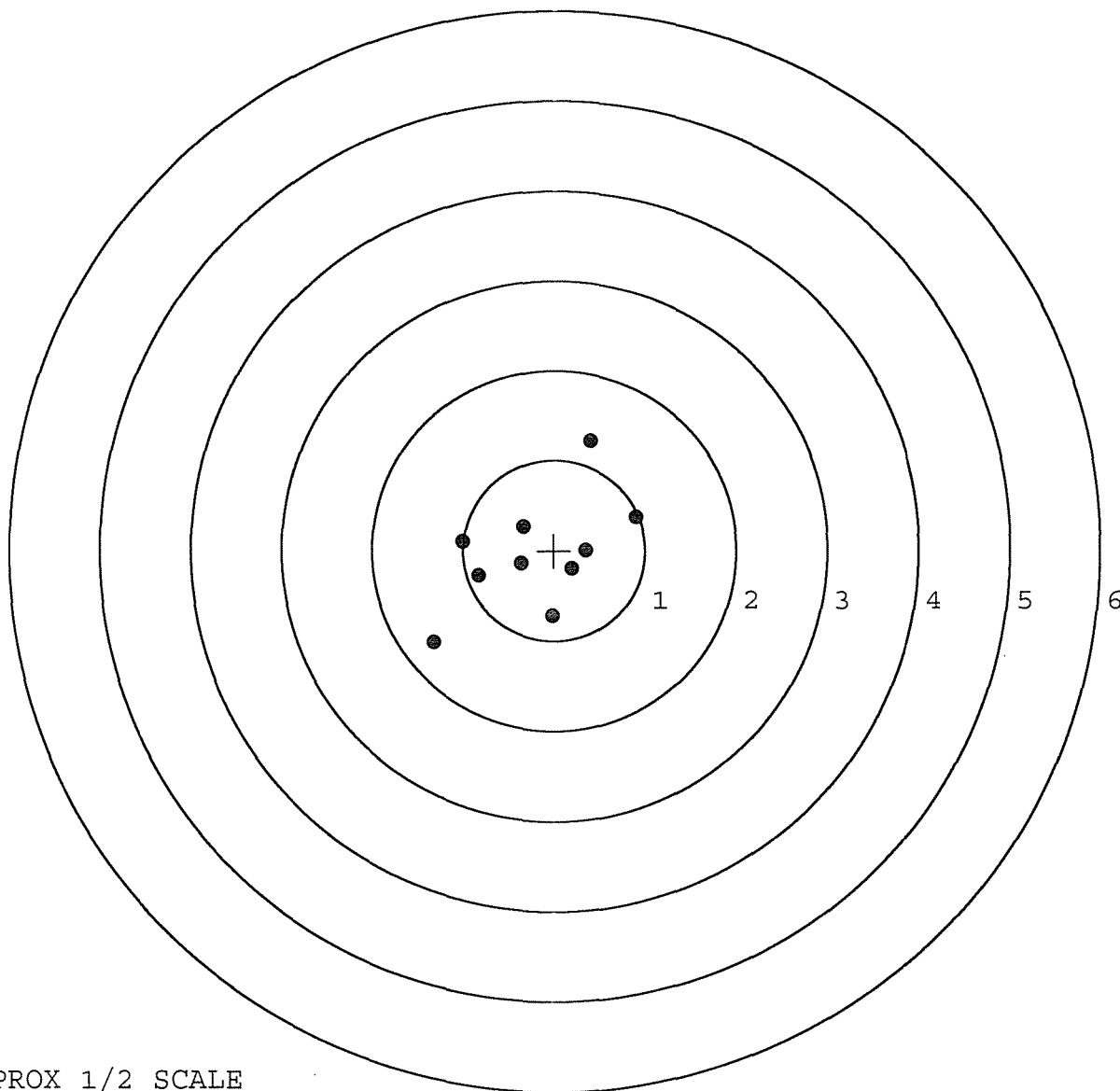


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410241. 0
 TARGET NUMBER: 2
 FILE DATE: 05/17/2006
 FILE TIME: 16:28

X CENTROID: -0.204
 Y CENTROID: -0.045
 POA TO CENTROID: 0.209
 HORZ SPREAD: 2.212
 VERT SPREAD: 2.239
 GROUP SPREAD: 2.819
 MIN RADIUS: 0.189
 MAX RADIUS: 1.486
 MEAN RADIUS: 0.775
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.394	1.211
2:	-0.341	0.264
3:	-0.362	-0.148
4:	-1.006	0.096
5:	-0.829	-0.286
6:	-1.318	-1.028
7:	-0.015	-0.727
8:	0.197	-0.204
9:	0.348	0.006
10:	0.894	0.369

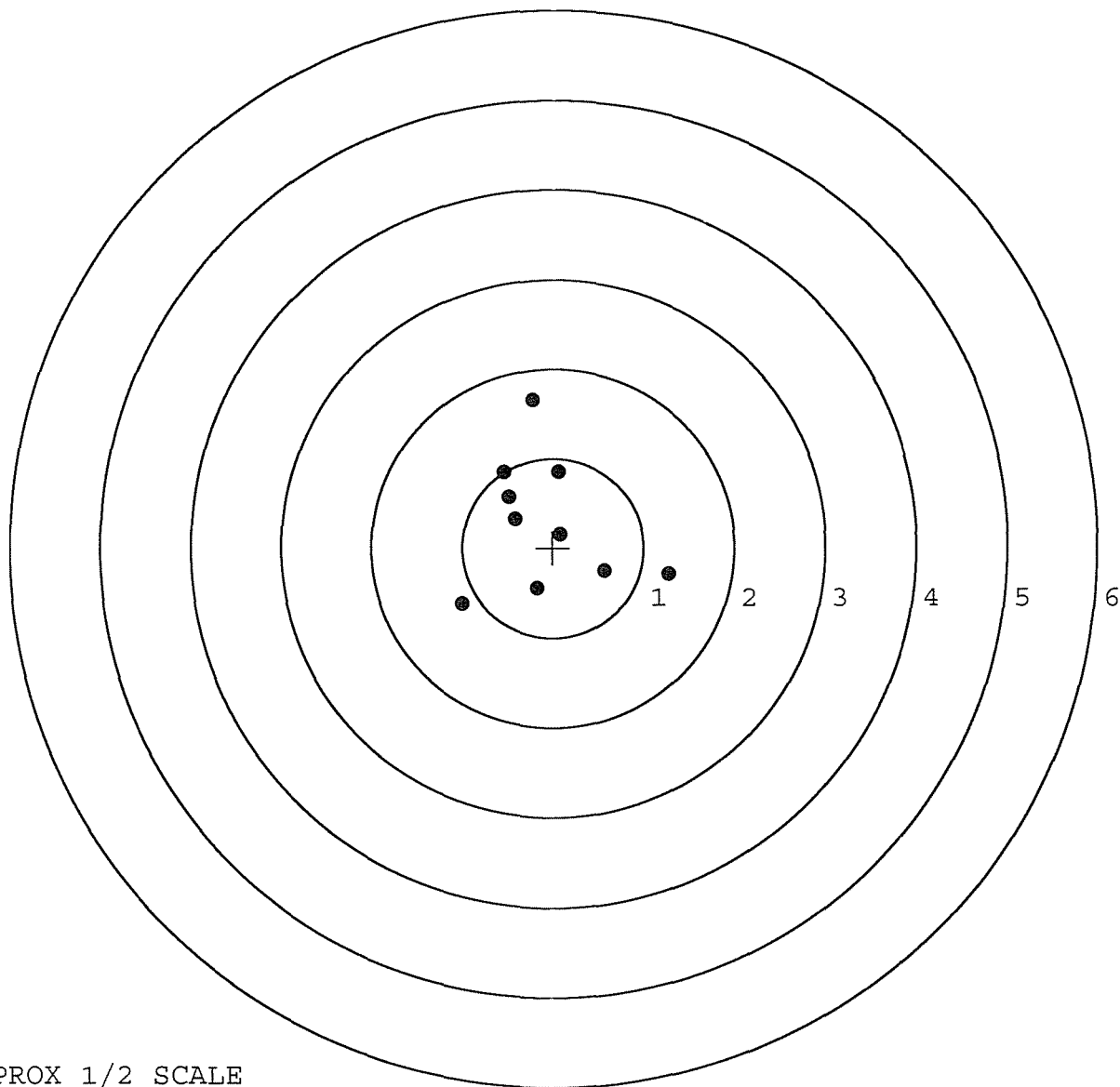


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410241. __0
 TARGET NUMBER: 3
 FILE DATE: 05/17/2006
 FILE TIME: 16:28

X CENTROID: -0.087
 Y CENTROID: 0.274
 POA TO CENTROID: 0.287
 HORZ SPREAD: 2.285
 VERT SPREAD: 2.281
 GROUP SPREAD: 2.466
 MIN RADIUS: 0.212
 MAX RADIUS: 1.481
 MEAN RADIUS: 0.811
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.230	1.653
2:	0.066	0.849
3:	-0.543	0.843
4:	-0.489	0.563
5:	-0.421	0.319
6:	0.086	0.150
7:	0.567	-0.259
8:	1.280	-0.296
9:	-0.177	-0.459
10:	-1.005	-0.628

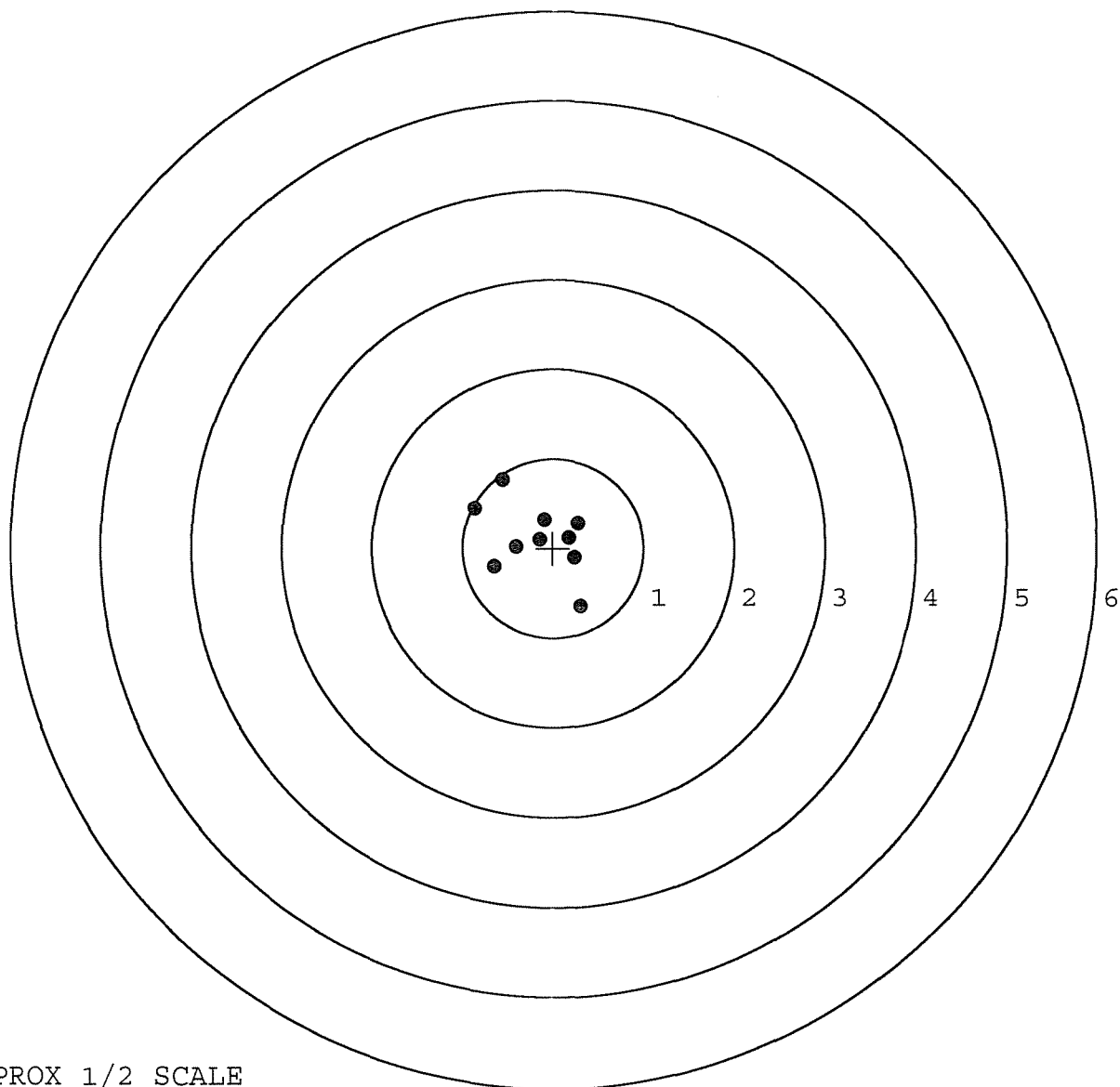


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410241.____0
 TARGET NUMBER: 4
 FILE DATE: 05/17/2006
 FILE TIME: 16:28

X CENTROID: -0.176
 Y CENTROID: 0.108
 POA TO CENTROID: 0.206
 HORZ SPREAD: 1.173
 VERT SPREAD: 1.414
 GROUP SPREAD: 1.660
 MIN RADIUS: 0.031
 MAX RADIUS: 0.897
 MEAN RADIUS: 0.480
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.564	0.765
2:	-0.867	0.444
3:	-0.651	-0.209
4:	-0.410	0.017
5:	-0.147	0.095
6:	-0.105	0.318
7:	0.272	0.284
8:	0.174	0.114
9:	0.234	-0.104
10:	0.306	-0.649

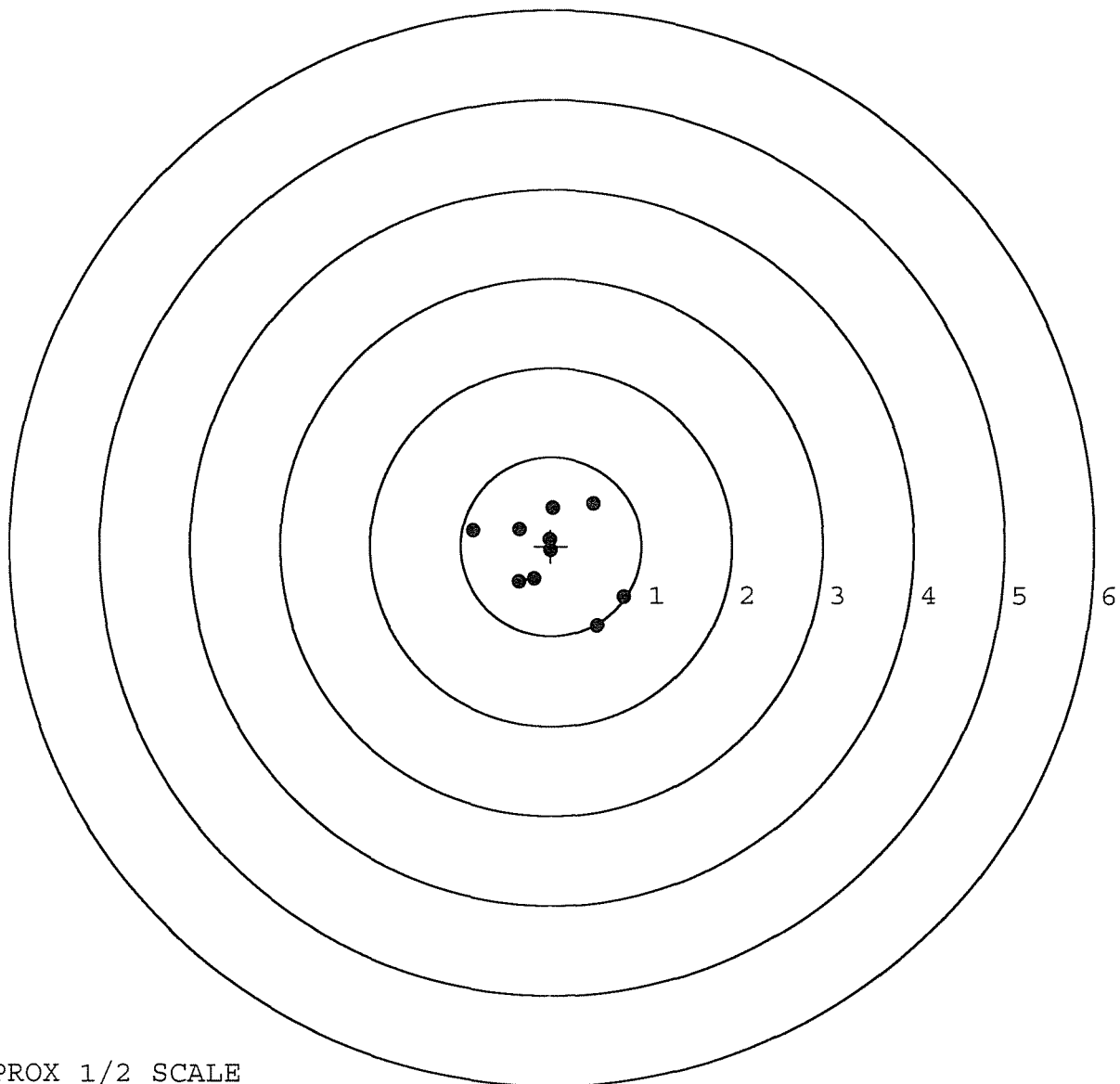


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410241.____0
 TARGET NUMBER: 5
 FILE DATE: 05/17/2006
 FILE TIME: 16:28

X CENTROID: 0.001
 Y CENTROID: -0.093
 POA TO CENTROID: 0.093
 HORZ SPREAD: 1.662
 VERT SPREAD: 1.373
 GROUP SPREAD: 1.730
 MIN RADIUS: 0.043
 MAX RADIUS: 0.942
 MEAN RADIUS: 0.551
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.860	0.174
2:	-0.359	-0.403
3:	0.507	-0.887
4:	0.802	-0.571
5:	-0.192	-0.369
6:	-0.010	-0.051
7:	-0.350	0.187
8:	0.020	0.429
9:	0.463	0.486
10:	-0.015	0.074



TARGET APPROX 1/2 SCALE

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)

DATE

4-25-06

TESTER

R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	254	258		245	
PULL #2	247	244		246	
PULL #3	243	261		258	
PULL #4	262	240		249	
PULL #5	258	240		259	
TOTAL	1264	1243		1257	
AVERAGE	252	248		251	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	304	312		
PULL #2	303	309		
PULL #3	321	306		
PULL #4	312	318		
PULL #5	299	311		
TOTAL	1539	1556		
AVERAGE	307	311		

	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	406	404		415
PULL #2	418	418		398
PULL #3	400	394		421
PULL #4	406	409		414
PULL #5	402	390		398 398
TOTAL	2032	2015		2046
AVERAGE	406	403		409

R & E NUMBER	111255		
SERIAL NUMBER	G60410241		
LOG-IN DATE	4-19-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-1-06	RTZ
505	RE-BARREL	5-3-06	RTZ
560	ASSEMBLE	5-3-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED 5-3-06	MTM
605	CHECK HEADSPACE	MAY 08 2006 5-3-06	MTM
610	DIS-ASSEMBLE GUN	3-8-06	APD
612	MAGNAFLUX	OPERATOR <u>CPA</u>	
510	DRILL AND TAP	5-5-06	TRW
615	ROLLMARK CALIBER	5-8-06	CW
618	ROTO-BLAST	5-8-06	LB
620	APPLY COATINGS	5/11/06	RS
625	FINAL ASSEMBLY	5-16-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	5-17-06 L.P.D.
650	TARGET	(PASS) FAIL	5-17-06 L.P.D.
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-23-06	MTM
	A) HEADSPACE	(PASS) FAIL	5-23-06 MTM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.71 2.51 2.49 2.52 2.40 L.P.D.
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	9 lbs. 9 lbs. 9 lbs. MTM
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs. 3 lbs. 3 lbs. MTM
	I) FIRING PIN INDENT	.020	.022 .022 .022 MTM
690	PACK		5-25-06 MTM

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: **RE00028678** Serial: C6413544 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 6/18/01 1:01:36 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **DFEL STORAGE SECTION** **DFEL STORAGE SECTION**

Address 1: **BLDG 490** **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

Condition: **Poor**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A009	With Swivel	1
A010	Hard Case	1
A026	Scope	1

Repair Search **Refresh** **Close**

maglet 6/18/01 2:33 PM CAPS NUM INS SCPL

Start Inbo Arm Micr Ama Part Free Lab SAP 2:33 PM

Serial Number: **E6413544**

Model: **700**



RE00028678

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413544
9 Jul 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0984
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0406
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .106447

THE AMR FOR THIS RIFLE IS: 1.044

CENTROIDAL DISTANCES

0	TO	1	.218433
1	TO	2	.264824
1	TO	3	.223607
1	TO	4	.340129
1	TO	5	.135418

4
3
5
1 <----POA

PATTERN #: 1

POA TO CENTROID: .219

MIN RADIUS : .445

MEAN RADIUS : 1.014

MAX RADIUS : 1.709

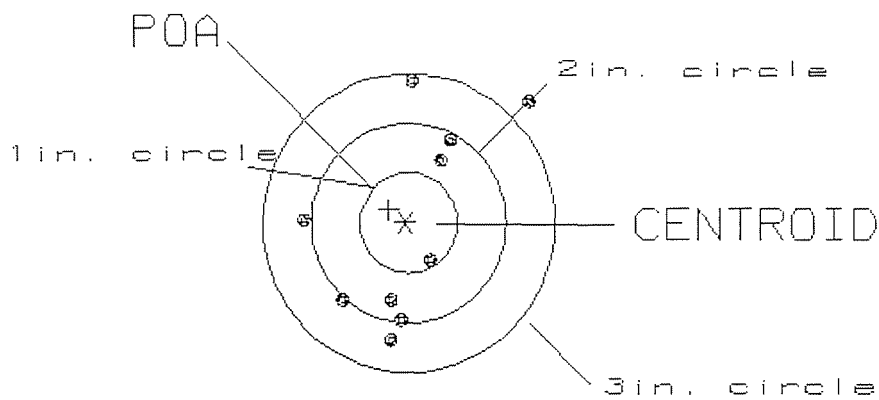
CENTROID X : .177

CENTROID Y : -.128

9 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.23

1

VS= 2.56

5

GS= 2.78

9

PATTERN #: 2

POA TO CENTROID: .089

MIN RADIUS : .401

MEAN RADIUS : 1.116

MAX RADIUS : 1.780

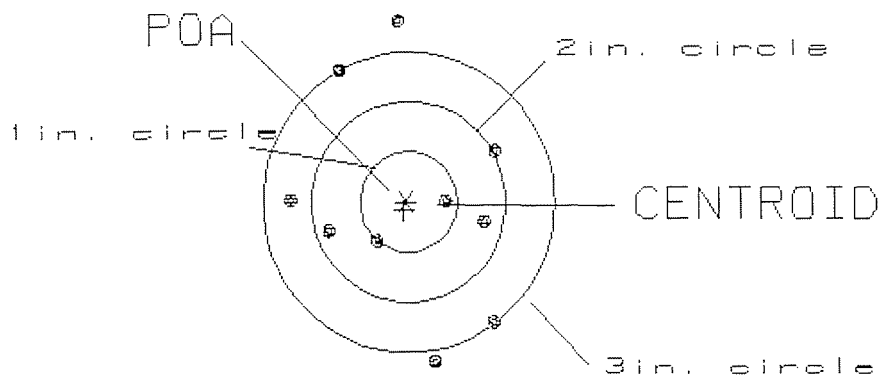
CENTROID X : .021

CENTROID Y : .086

9 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.10

1

VS= 3.35

5

GS= 3.37

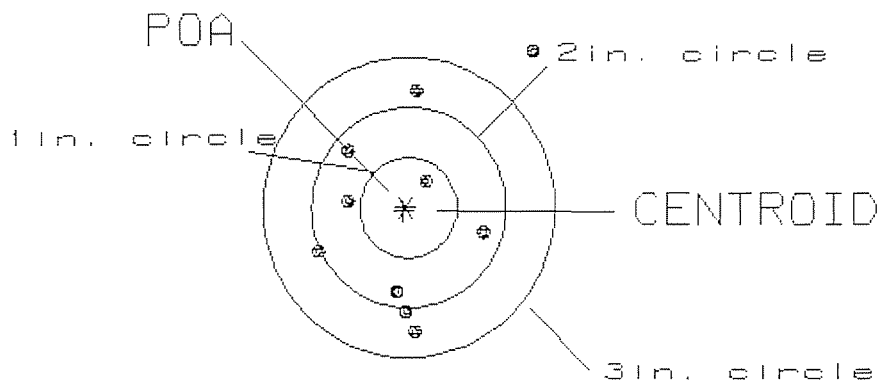
7

PATTERN #: 3
 POA TO CENTROID: .043
 MIN RADIUS : .290
 MEAN RADIUS : .985
 MAX RADIUS : 2.028
 CENTROID X : .025
 CENTROID Y : .036

9 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.20
 VS= 2.73
 GS= 3.01

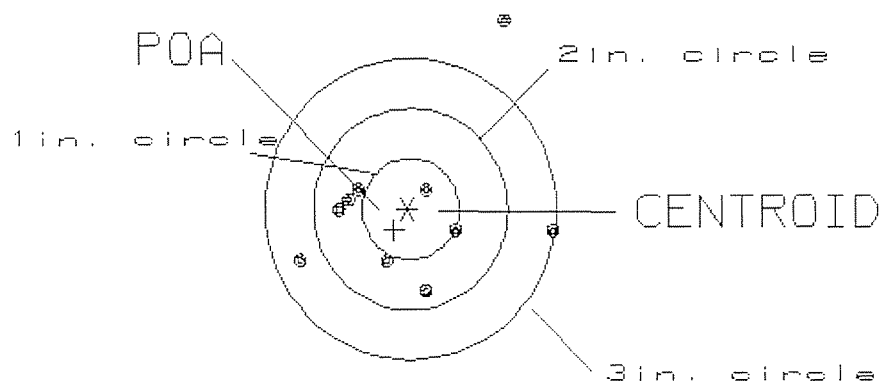
1
 7
 9

PATTERN #: 4
 POA TO CENTROID: .252
 MIN RADIUS : .209
 MEAN RADIUS : .888
 MAX RADIUS : 2.137
 CENTROID X : .139
 CENTROID Y : .210

9 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.66

2

VS= 2.73

7

GS= 3.24

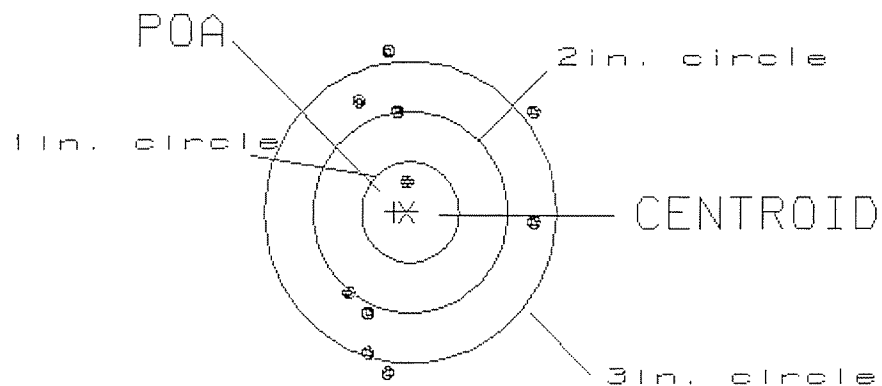
8

PATTERN #: 1 5 2
 POA TO CENTROID: .130
 MIN RADIUS : .293
 MEAN RADIUS : 1.216
 MAX RADIUS : 1.629
 CENTROID X : .130
 CENTROID Y : -.001

9 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.91

1

VS= 3.18

1

GS= 3.18

7

RD5925 REV 7/97

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413544
9 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1796
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0094
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .179846

THE AMR FOR THIS RIFLE IS: 1.005

CENTROIDAL DISTANCES

Ø TO	1	.291673
1 TO	2	.0871149
1 TO	3	.405908
1 TO	4	.266833
1 TO	5	.339567

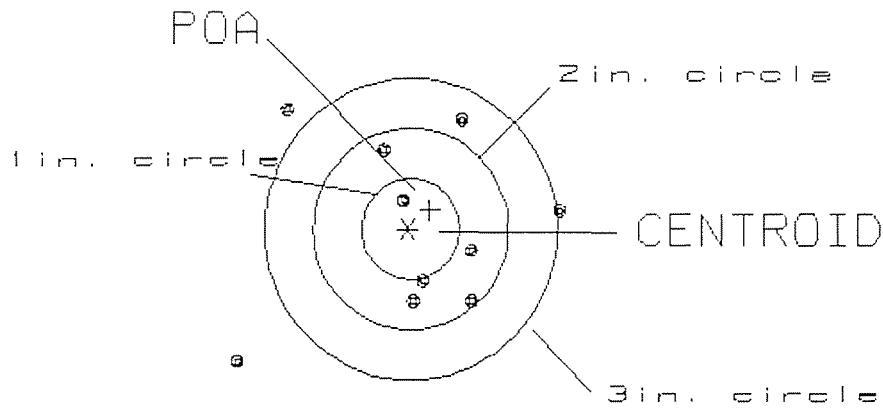
3
4 +5 <----POA
21

PATTERN #: 1
 POA TO CENTROID: .291
 MIN RADIUS : .301
 MEAN RADIUS : 1.085
 MAX RADIUS : 2.246
 CENTROID X : -.223
 CENTROID Y : -.188

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.36
 VS= 2.57
 GS= 3.69

1
 6
 7

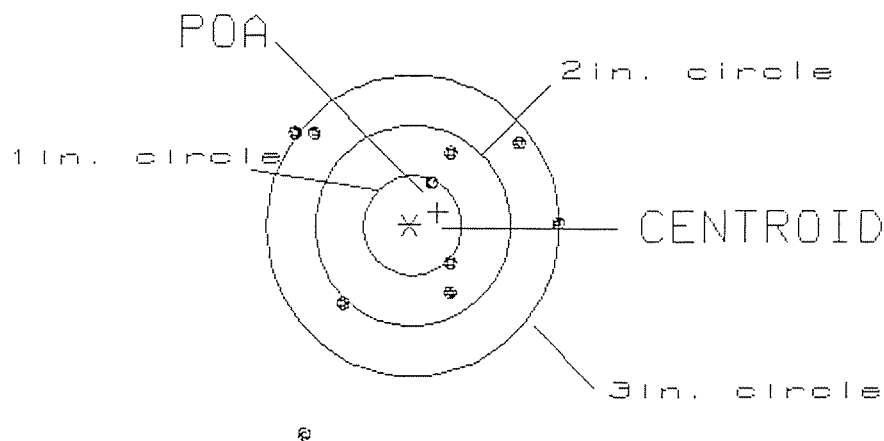
PATTERN #: 2

POA TO CENTROID: .316
 MIN RADIUS : .489
 MEAN RADIUS : 1.170
 MAX RADIUS : 2.331
 CENTROID X : -.288
 CENTROID Y : -.130

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.73

1

VS= 2.99

4

GS= 3.60

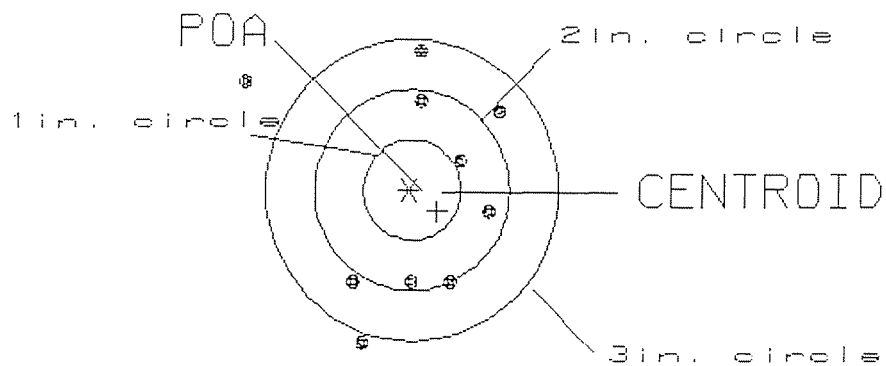
7

PATTERN #: 3
 POA TO CENTROID: .360
 MIN RADIUS : .572
 MEAN RADIUS : 1.138
 MAX RADIUS : 2.014
 CENTROID X : -.292
 CENTROID Y : .212

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.60

0

VS= 2.92

5

GS= 2.97

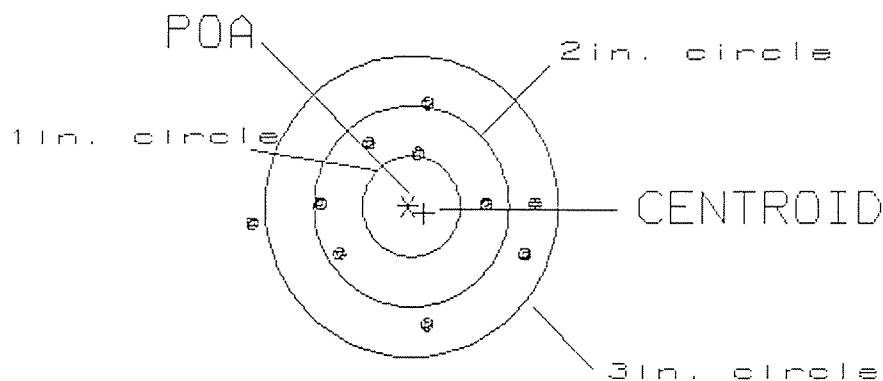
0

PATTERN #: 4
 POA TO CENTROID: .178
 MIN RADIUS : .505
 MEAN RADIUS : 1.035
 MAX RADIUS : 1.639
 CENTROID X : -.163
 CENTROID Y : .072

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.92

0

VS= 2.25

5

GS= 2.92

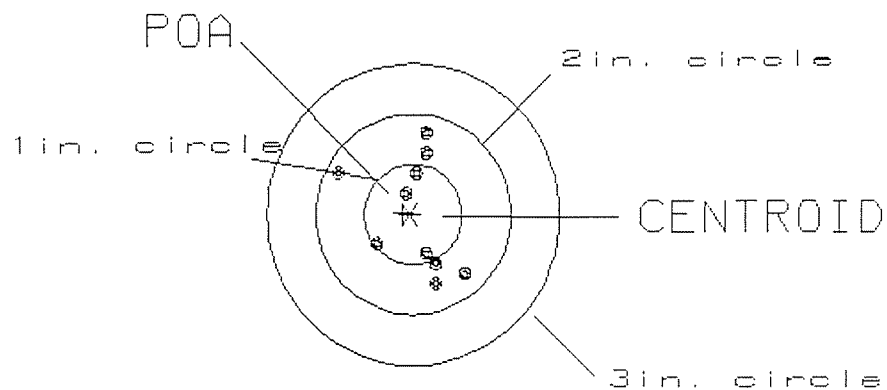
9

PATTERN #: 5
 POA TO CENTROID: .070
 MIN RADIUS : .259
 MEAN RADIUS : .595
 MAX RADIUS : .881
 CENTROID X : .068
 CENTROID Y : -.013

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.30

4

VS= 1.55

10

GS= 1.61

10

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

E6413544

LOG IN DATE: / /		DATE	INIT.
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	12-13-99	RW
605	CHECK HEADSPACE	12-13-99	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: E6413544 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:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413544
4 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1258
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2556
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .284881
THE AMR FOR THIS RIFLE IS: 1.312

CENTROIDAL DISTANCES

0	TO	1	.920503
1	TO	2	.494899
1	TO	3	.782612
1	TO	4	.826531
1	TO	5	1.30492

```

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

PATTERN #: " 1 "

POA TO CENTROID: .921

MIN RADIUS : .387

MEAN RADIUS : 1.333

MAX RADIUS : 2.360

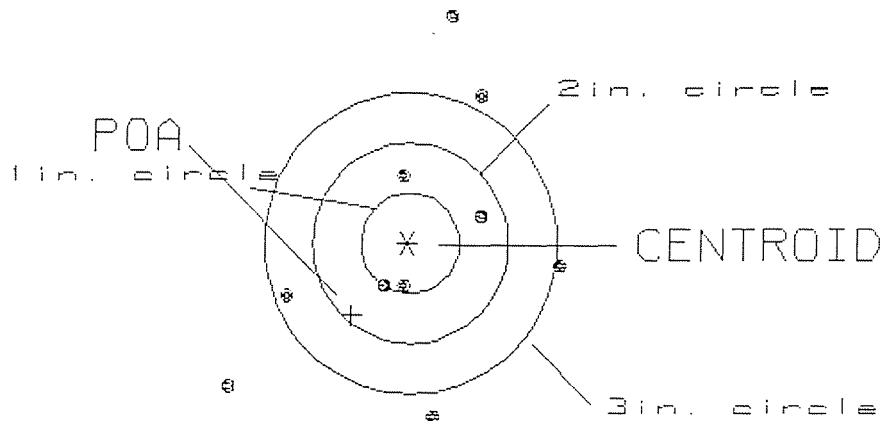
CENTROID X : .571

CENTROID Y : .722

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.35

1

VS= 3.94

4

GS= 4.37

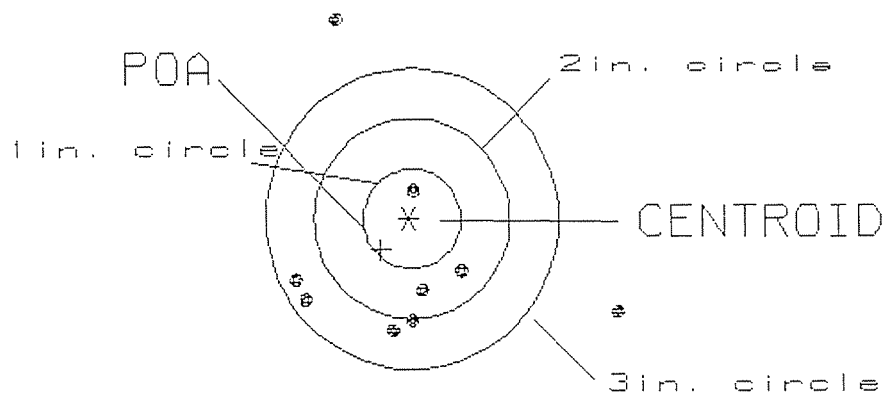
5

PATTERN #: 2
 POA TO CENTROID: .428
 MIN RADIUS : .262
 MEAN RADIUS : 1.457
 MAX RADIUS : 3.558
 CENTROID X : .288
 CENTROID Y : .316

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.33
 VS= 4.65
 GS= 4.71

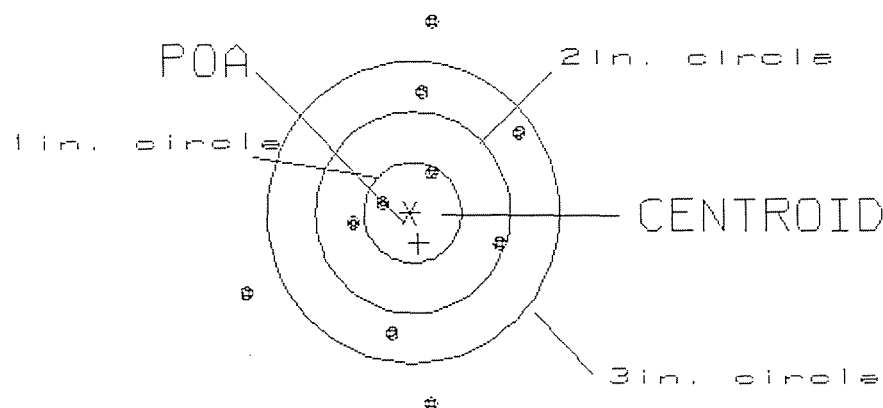
1
 3
 7

PATTERN #: 3
 POA TO CENTROID: .316
 MIN RADIUS : .280
 MEAN RADIUS : 1.185
 MAX RADIUS : 1.962
 CENTROID X : -.090
 CENTROID Y : .303

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.83
 VS= 3.85
 GS= 3.85

2
 4
 7

PATTERN #: [4]

POA TO CENTROID: .458

MIN RADIUS : .061

MEAN RADIUS : .990

MAX RADIUS : 1.681

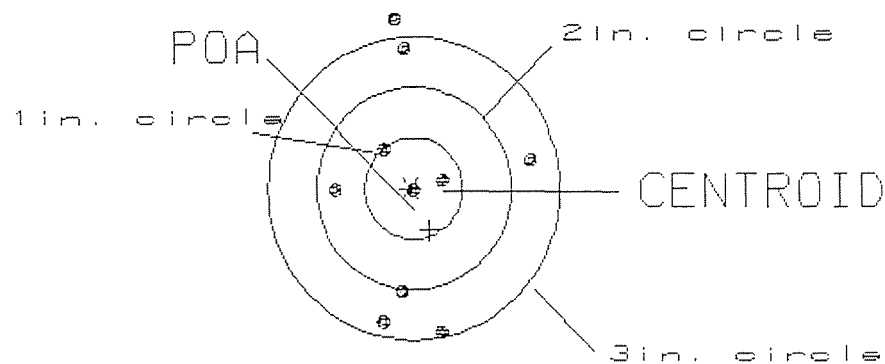
CENTROID X : -.196

CENTROID Y : .414

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.99

3

VS= 3.09

4

GS= 3.13

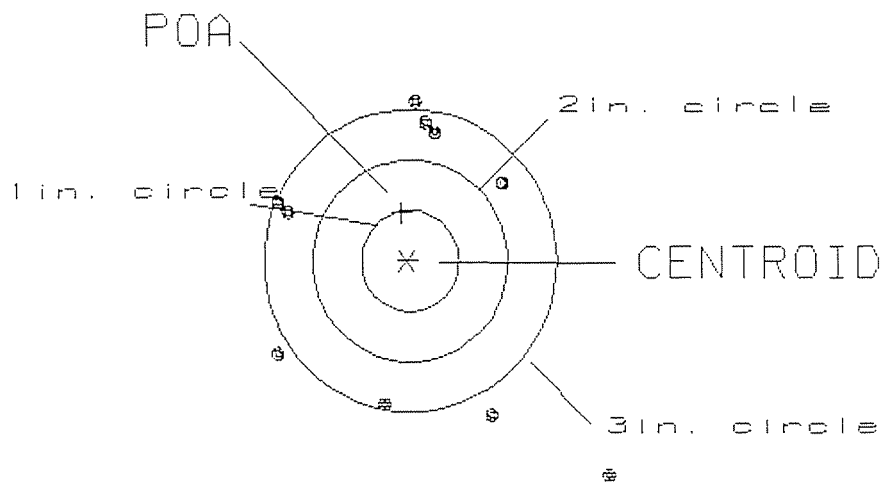
9

PATTERN #: 1 5 7
 POA TO CENTROID: .480
 MIN RADIUS : 1.226
 MEAN RADIUS : 1.597
 MAX RADIUS : 2.885
 CENTROID X : .056
 CENTROID Y : -.477

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413544

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.36

0

VS= 3.62

0

GS= 4.31

6