

C6348739

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00141257**

Serial: C6348739 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Status:

Closed 2/5/2008 10:17:47 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DODAAC: W91L3M

DODAAC: W91L3M

Address 1: WODA FSB BAGRAM AFLD

WODA FSB BAGRAM AFLD

Address 2: SMALL ARMS SUPPORT

PO Box:

SMALL ARMS SUPPORT

PO Box:

City: BAGRAM APO

BAGRAM APO

State: AF

Zip Code: 109354

Country: AE

State: AF

Zip Code: 109354

Country: AE

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
D000	SCOPE CASE	1

Repair Search

Refresh

Close

naglelj

2/7/2008

4:20 PM

NUM

Serial Number: **C6348739**

Model: **M24 SWS**



RE00141257

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

R & E NUMBER 00141257SERIAL NUMBER C6348739LOG-IN DATE 2-5-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-5-08	RTZ
505	RE-BARREL	2-20-08	RTZ
560	ASSEMBLE	2-20-08	RTZ
600	PROOF	2-20-08	TRW
605	CHECK HEADSPACE	2-20-08	TRW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX	2/21/08	WMS
510	DRILL AND TAP	2-21-08	Fm
615	ROLLMARK CALIBER	2-21-08	CW
618	ROTO-BLAST	2-22-08	DG
620	APPLY COATINGS	2-26-08	CRZ
625	FINAL ASSEMBLY	3-3-08	L.P.N.
640	FUNCTION TEST AND	PASS FAIL	3-4-08 TRW
650	TARGET	PASS FAIL	3-4-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	3-4-08 RP
670	FINAL INSPECTION		3-6-08 DA
	A) HEADSPACE	PASS FAIL	3-6-08 DA
	B) TRIGGER PULL	2.96 2.98 3.00 2.96 2.98 3-6-08	DA
680	F) SAFETY ON FORCE	55 50 50 3-6-08	DA
	G) SAFETY OFF FORCE	30 30 25 3-6-08	DA
	I) FIRING PIN INDENT	.022 .021 .022 3-6-08	DA
690	PACK	17/15/08	Fm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348739.___0

FILE DATE AND TIME: 03/04/2008 10:55

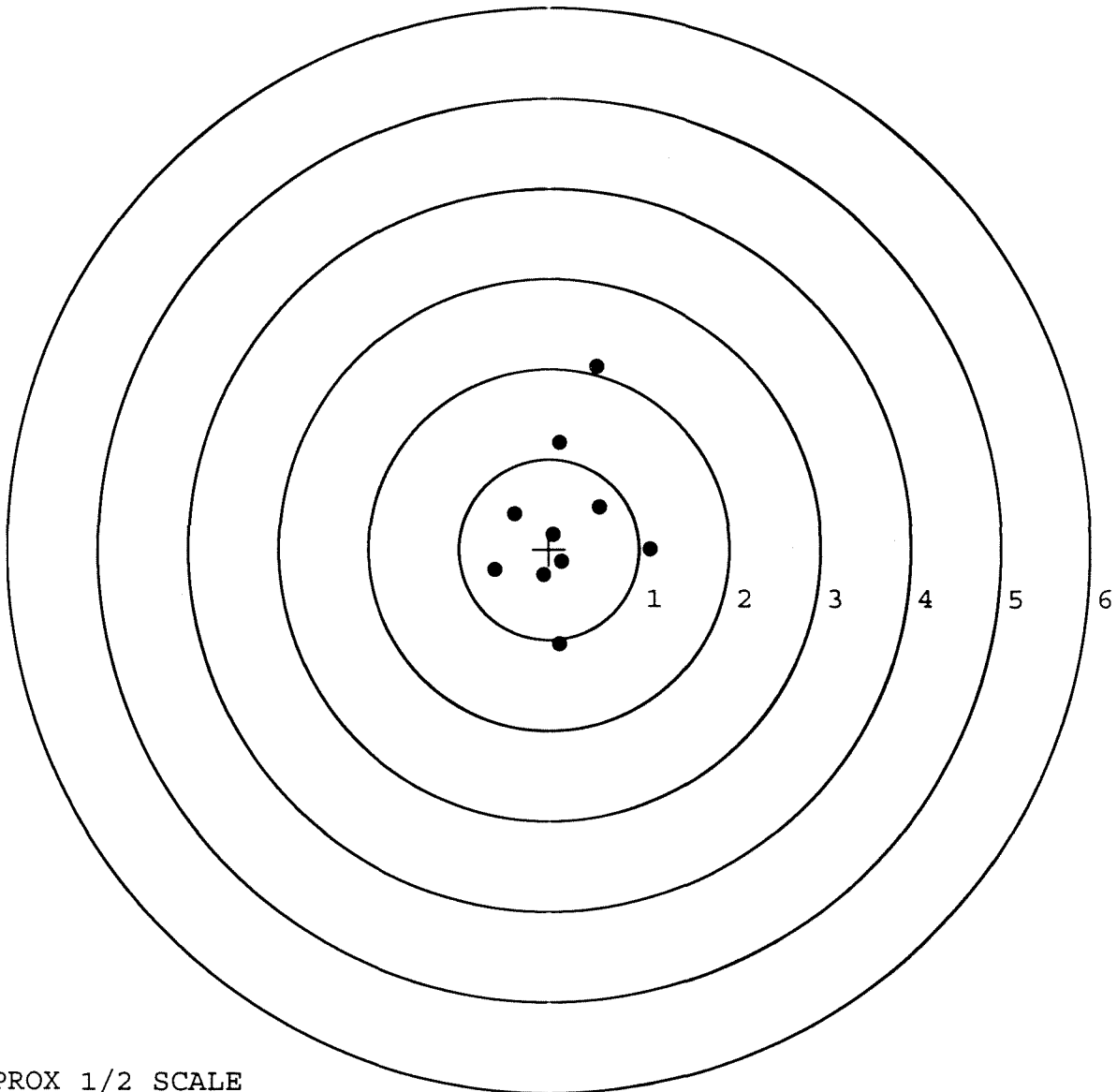
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.140
The Average Y Centroid of the Five Target Set:	0.128
The Average Point of Impact of the Five Target Set:	0.189
The Average Mean Radius of the Five Target Set:	0.811
The Distance from POA to Centroid Target #1:	0.296
The Distance from Centroid Target #2 to Centroid Target #1:	0.632
The Distance from Centroid Target #3 to Centroid Target #1:	0.732
The Distance from Centroid Target #4 to Centroid Target #1:	0.207
The Distance from Centroid Target #5 to Centroid Target #1:	0.115

SERIAL NUMBER: C6348739. __0
 TARGET NUMBER: 1
 FILE DATE: 03/04/2008
 FILE TIME: 10:55

X CENTROID: 0.158
 Y CENTROID: 0.250
 POA TO CENTROID: 0.296
 HORZ SPREAD: 1.730
 VERT SPREAD: 3.074
 GROUP SPREAD: 3.101
 MIN RADIUS: 0.142
 MAX RADIUS: 1.808
 MEAN RADIUS: 0.809
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.126	-0.012
2:	0.558	0.468
3:	0.115	1.180
4:	-0.387	0.397
5:	0.047	0.161
6:	0.143	-0.142
7:	-0.061	-0.293
8:	-0.604	-0.229
9:	0.118	-1.054
10:	0.527	2.020

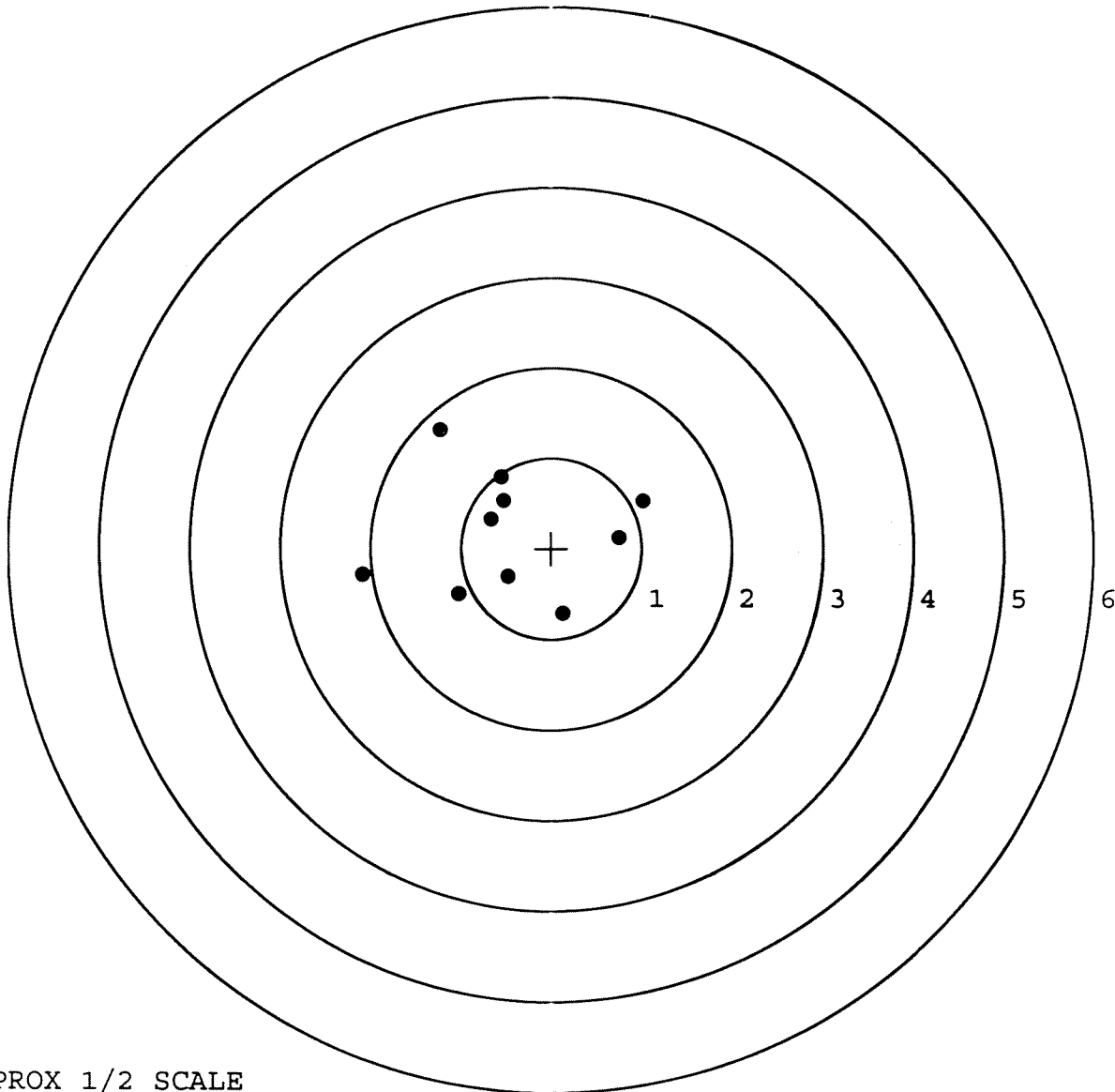


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739. 0
 TARGET NUMBER: 2
 FILE DATE: 03/04/2008
 FILE TIME: 10:55

X CENTROID: -0.470
 Y CENTROID: 0.178
 POA TO CENTROID: 0.503
 HORZ SPREAD: 3.102
 VERT SPREAD: 2.034
 GROUP SPREAD: 3.206
 MIN RADIUS: 0.251
 MAX RADIUS: 1.683
 MEAN RADIUS: 0.947
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.233	1.312
2:	-0.557	0.792
3:	-0.532	0.533
4:	-0.673	0.326
5:	-0.485	-0.307
6:	-1.027	-0.503
7:	0.127	-0.722
8:	0.752	0.119
9:	1.015	0.520
10:	-2.087	-0.289

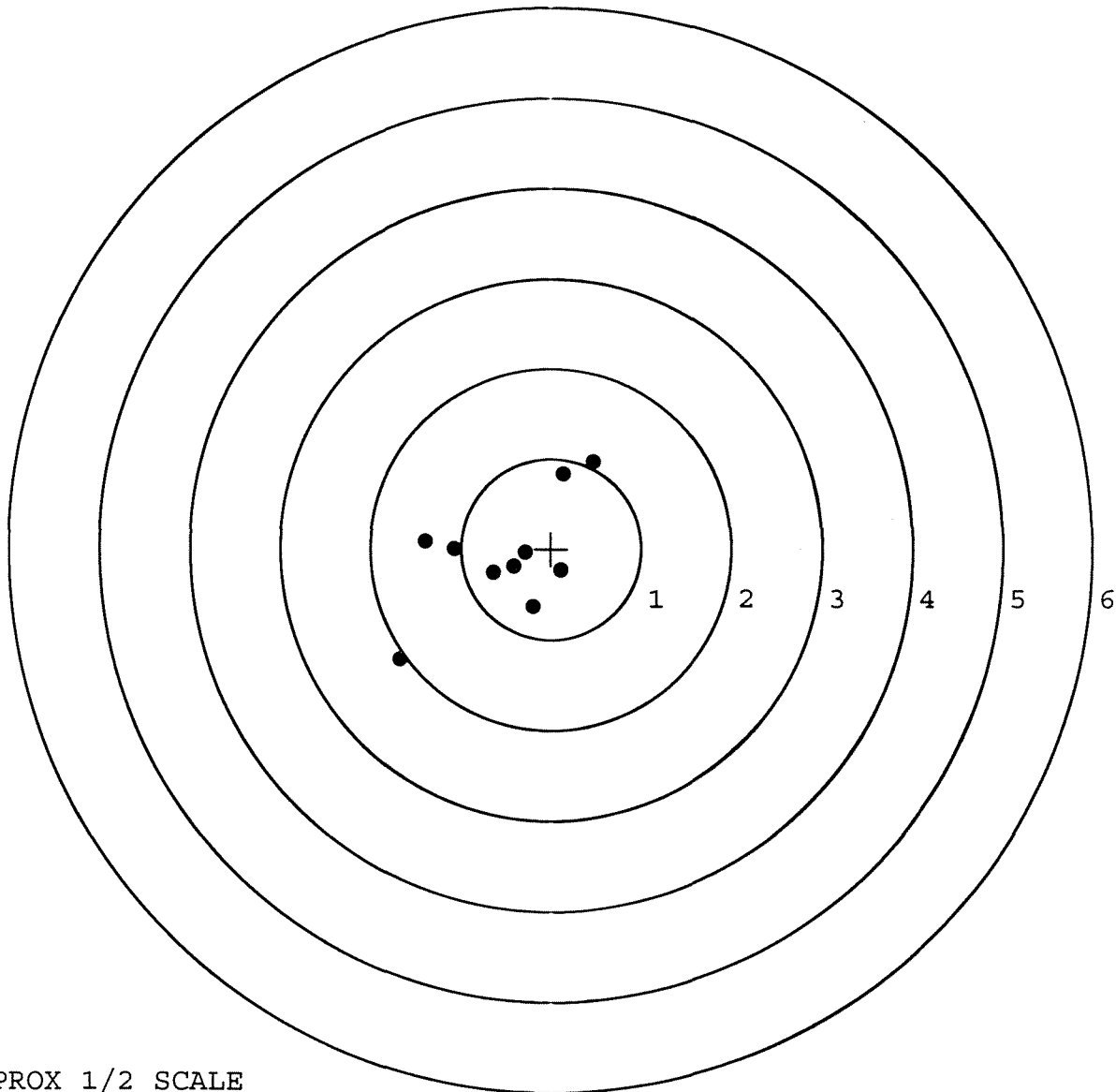


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739. __0
 TARGET NUMBER: 3
 FILE DATE: 03/04/2008
 FILE TIME: 10:55

X CENTROID: -0.499
 Y CENTROID: -0.073
 POA TO CENTROID: 0.504
 HORZ SPREAD: 2.144
 VERT SPREAD: 2.191
 GROUP SPREAD: 3.065
 MIN RADIUS: 0.147
 MAX RADIUS: 1.647
 MEAN RADIUS: 0.754
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.468	0.966
2:	0.144	0.828
3:	-1.399	0.084
4:	-1.079	0.004
5:	-1.676	-1.225
6:	-0.642	-0.266
7:	-0.418	-0.196
8:	-0.292	-0.043
9:	0.109	-0.235
10:	-0.204	-0.644

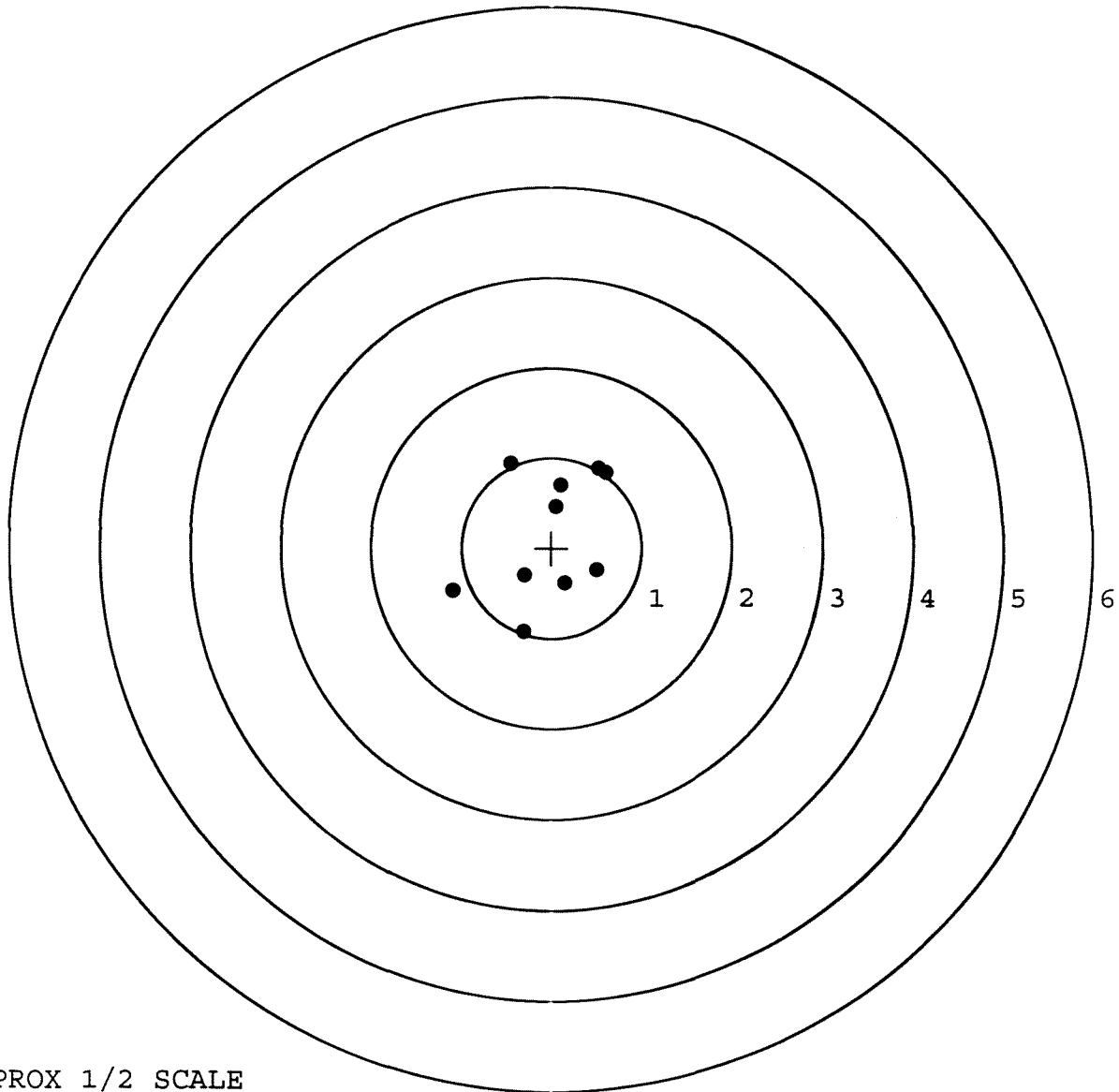


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739. __0
 TARGET NUMBER: 4
 FILE DATE: 03/04/2008
 FILE TIME: 10:55

X CENTROID: -0.022
 Y CENTROID: 0.148
 POA TO CENTROID: 0.149
 HORZ SPREAD: 1.702
 VERT SPREAD: 1.865
 GROUP SPREAD: 2.147
 MIN RADIUS: 0.322
 MAX RADIUS: 1.242
 MEAN RADIUS: 0.774
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.605	0.835
2:	0.520	0.885
3:	0.111	0.697
4:	0.056	0.460
5:	-0.458	0.938
6:	-1.097	-0.474
7:	-0.301	-0.306
8:	-0.309	-0.927
9:	0.151	-0.389
10:	0.504	-0.243

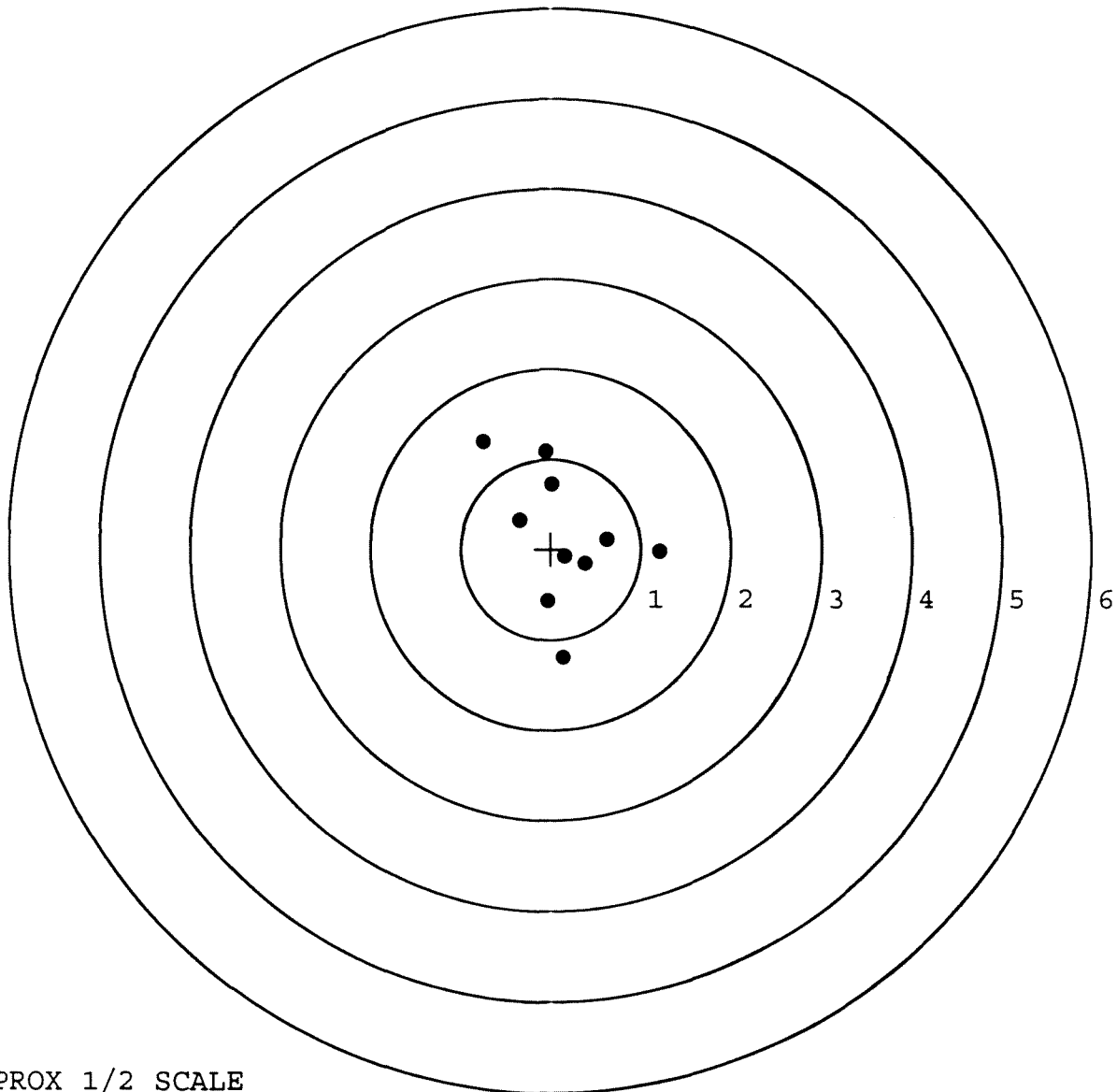


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739. __0
 TARGET NUMBER: 5
 FILE DATE: 03/04/2008
 FILE TIME: 10:55

X CENTROID: 0.134
 Y CENTROID: 0.137
 POA TO CENTROID: 0.192
 HORZ SPREAD: 1.958
 VERT SPREAD: 2.402
 GROUP SPREAD: 2.562
 MIN RADIUS: 0.223
 MAX RADIUS: 1.380
 MEAN RADIUS: 0.771
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.751	1.196
2:	-0.057	1.084
3:	0.018	0.716
4:	-0.344	0.322
5:	-0.034	-0.574
6:	0.141	-1.206
7:	0.158	-0.085
8:	0.384	-0.161
9:	0.620	0.111
10:	1.207	-0.031



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00113109

Serial: C6348739 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Verify Repair

Status:

Closed 6/9/2006 11:20:53 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: CPT CURTIS/CW3 THOMAS WALTMAN

CPT CURTIS/CW3 THOMAS WALTMAN

Address 1: COMM#011 39 444716450/6436

COMM#011 39 444716450/6436

Address 2: DODAAC: W91BMH

PO Box:

DODAAC: W91BMH

PO Box:

City:

State:

Zip Code:

Country: IT

State:

Zip Code:

Country: IT

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
A045	Bi Pod	1
A055	Deployment Kit	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/27/2006

8:37 AM

CAPS

NUM

INS

SCRL

start

4V

41

2V

Ar...

P...

M...

F...

St...

8:37 AM

Serial
Number:

C6348739

Model: M24 SWS



RE00113109

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348739.___1
FILE DATE AND TIME: 06/15/2006 16:17

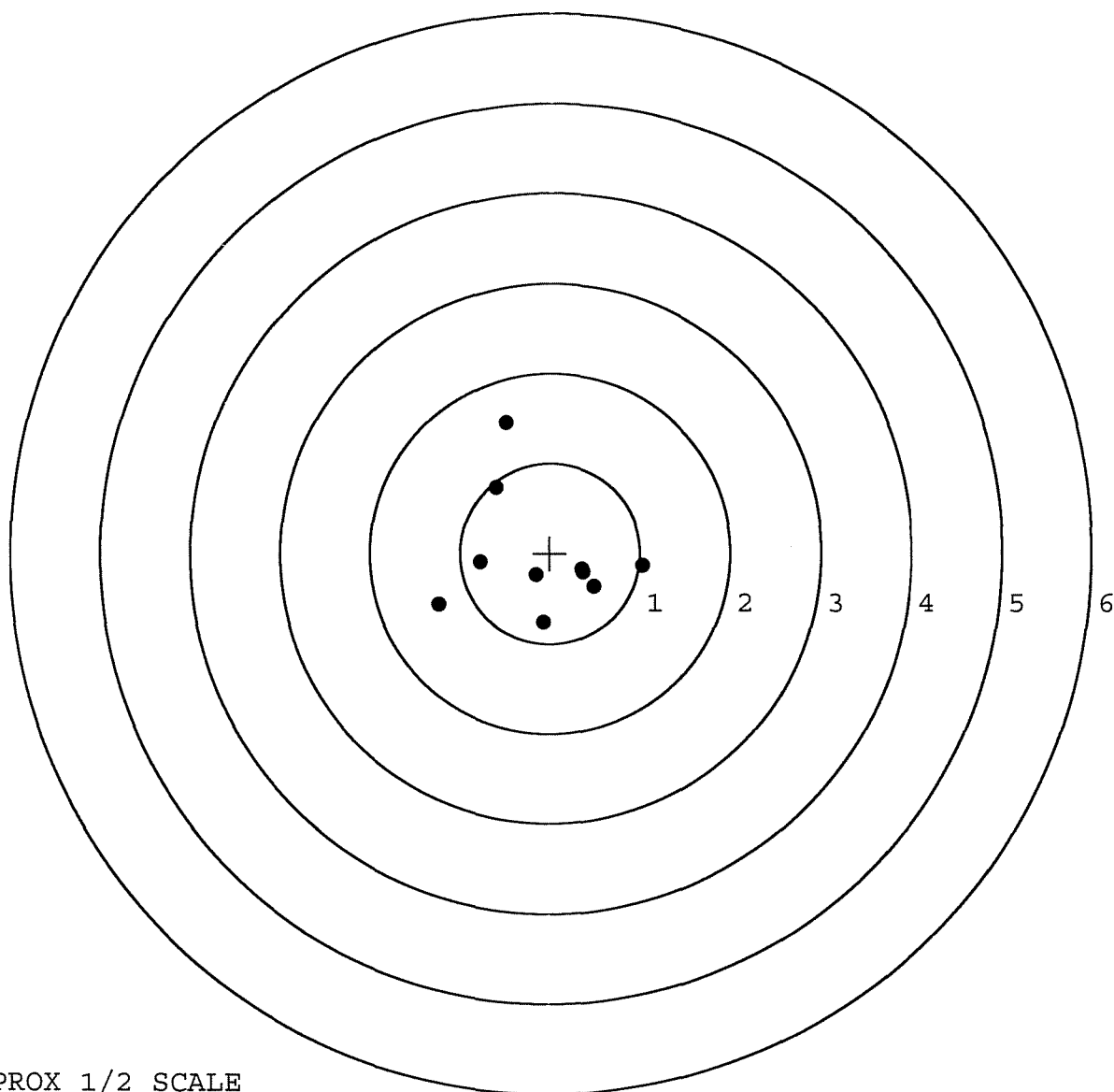
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.124
The Average Y Centroid of the Five Target Set:	-0.112
The Average Point of Impact of the Five Target Set:	0.167
The Average Mean Radius of the Five Target Set:	0.654
The Distance from POA to Centroid Target #1:	0.117
The Distance from Centroid Target #2 to Centroid Target #1:	0.081
The Distance from Centroid Target #3 to Centroid Target #1:	0.109
The Distance from Centroid Target #4 to Centroid Target #1:	0.055
The Distance from Centroid Target #5 to Centroid Target #1:	0.226

SERIAL NUMBER: C6348739. __1
 TARGET NUMBER: 1
 FILE DATE: 06/15/2006
 FILE TIME: 16:17

POINT#	X	Y
1:	-0.603	0.729
2:	-0.491	1.452
3:	-0.778	-0.099
4:	-1.239	-0.567
5:	-0.157	-0.245
6:	-0.080	-0.771
7:	0.359	-0.174
8:	0.489	-0.373
9:	1.029	-0.142
10:	0.373	-0.211

X CENTROID: -0.110
 Y CENTROID: -0.040
 POA TO CENTROID: 0.117
 HORZ SPREAD: 2.268
 VERT SPREAD: 2.223
 GROUP SPREAD: 2.261
 MIN RADIUS: 0.210
 MAX RADIUS: 1.540
 MEAN RADIUS: 0.814
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739. __1

TARGET NUMBER: 2

FILE DATE: 06/15/2006

FILE TIME: 16:17

X CENTROID: -0.190

Y CENTROID: -0.039

POA TO CENTROID: 0.194

HORZ SPREAD: 0.991

VERT SPREAD: 2.080

GROUP SPREAD: 2.197

MIN RADIUS: 0.148

MAX RADIUS: 1.271

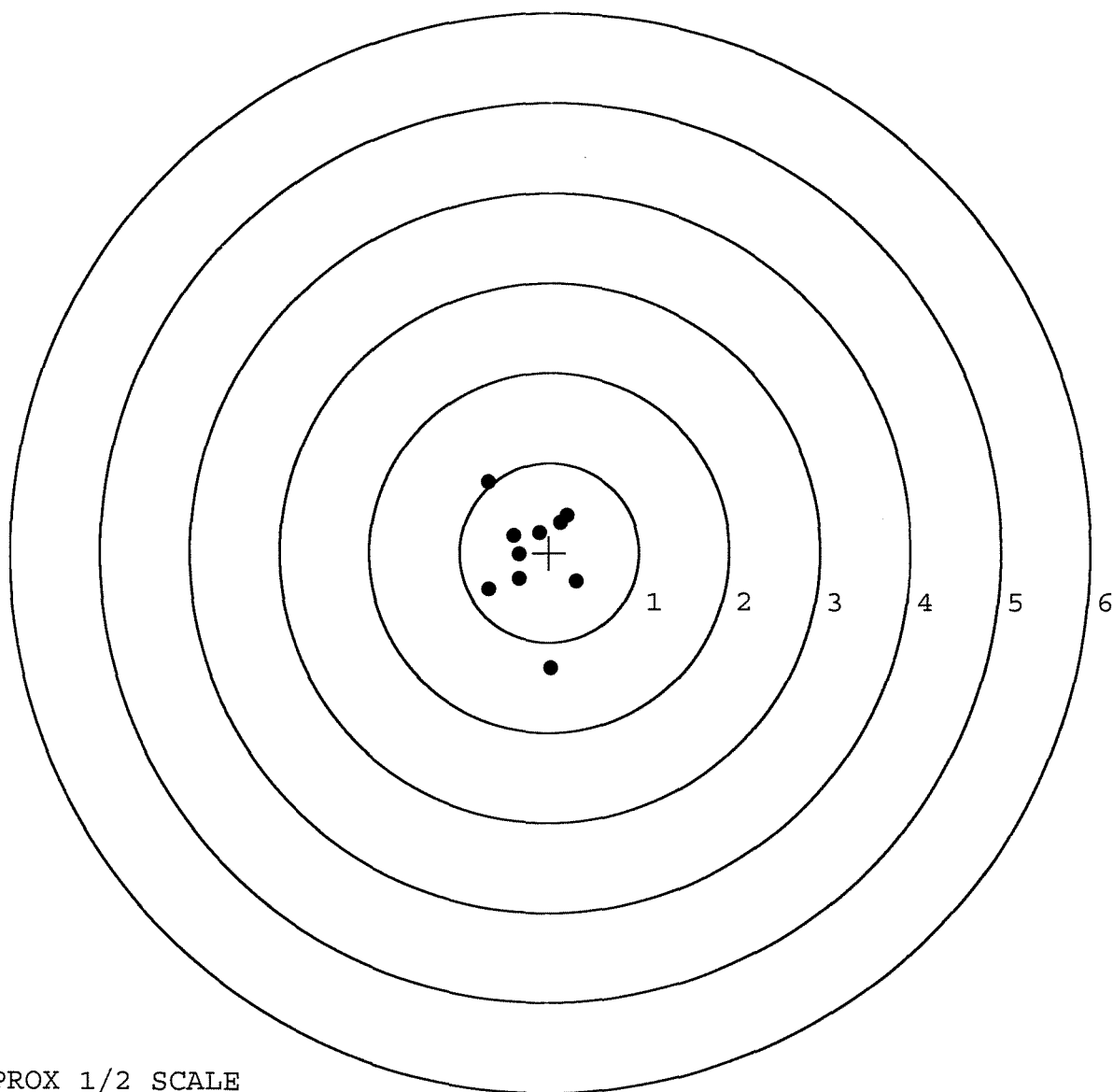
MEAN RADIUS: 0.554

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.685	0.788
2:	-0.679	-0.413
3:	0.021	-1.292
4:	-0.334	-0.295
5:	0.306	-0.322
6:	-0.338	-0.025
7:	-0.399	0.190
8:	-0.111	0.224
9:	0.120	0.340
10:	0.196	0.418

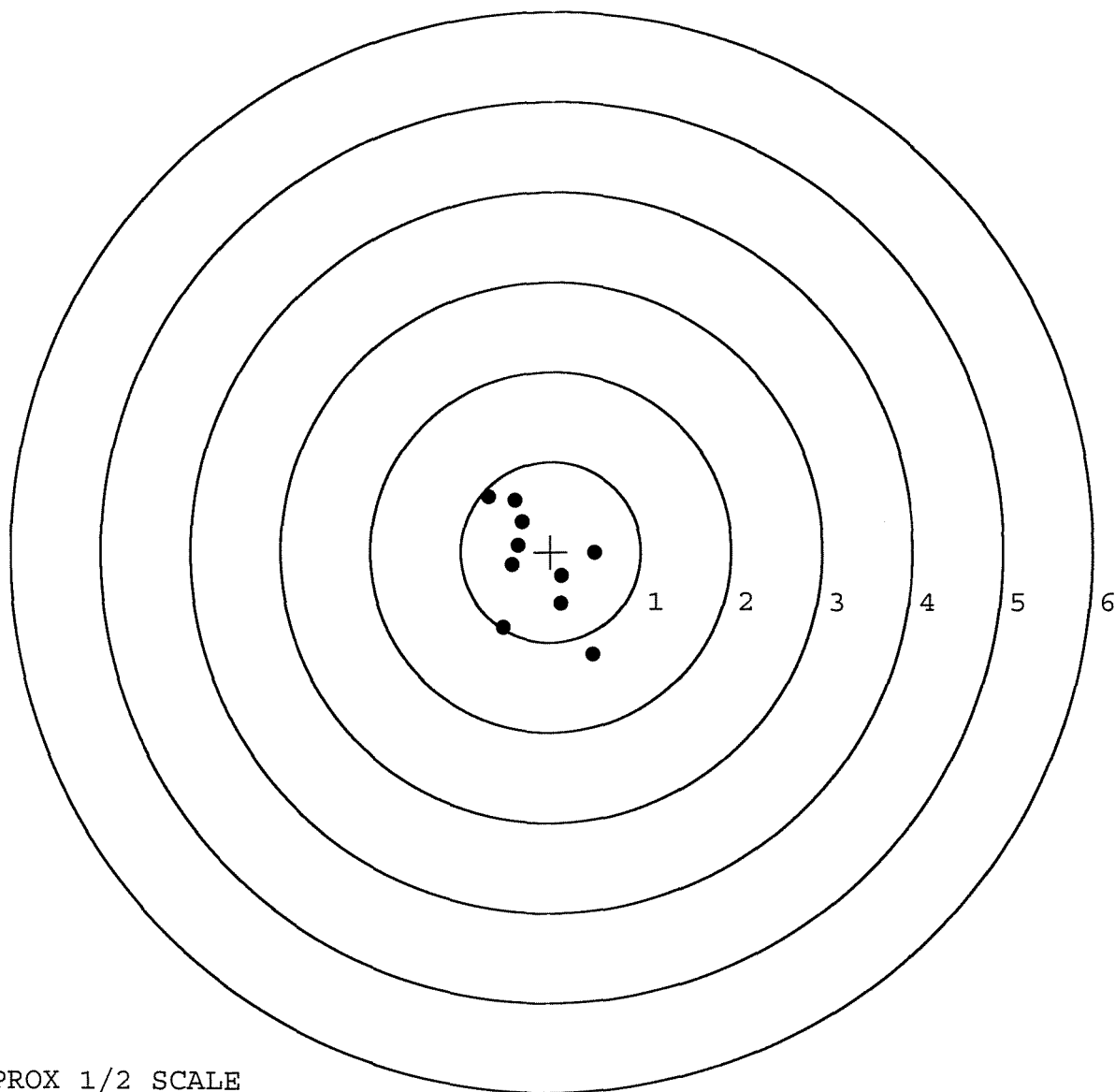


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739. __1
 TARGET NUMBER: 3
 FILE DATE: 06/15/2006
 FILE TIME: 16:17

X CENTROID: -0.152
 Y CENTROID: -0.140
 POA TO CENTROID: 0.207
 HORZ SPREAD: 1.183
 VERT SPREAD: 1.756
 GROUP SPREAD: 2.112
 MIN RADIUS: 0.278
 MAX RADIUS: 1.186
 MEAN RADIUS: 0.621
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.694	0.612
2:	-0.402	0.571
3:	-0.321	0.331
4:	-0.364	0.073
5:	-0.430	-0.147
6:	-0.521	-0.843
7:	0.116	-0.574
8:	0.125	-0.269
9:	0.489	-0.015
10:	0.479	-1.144

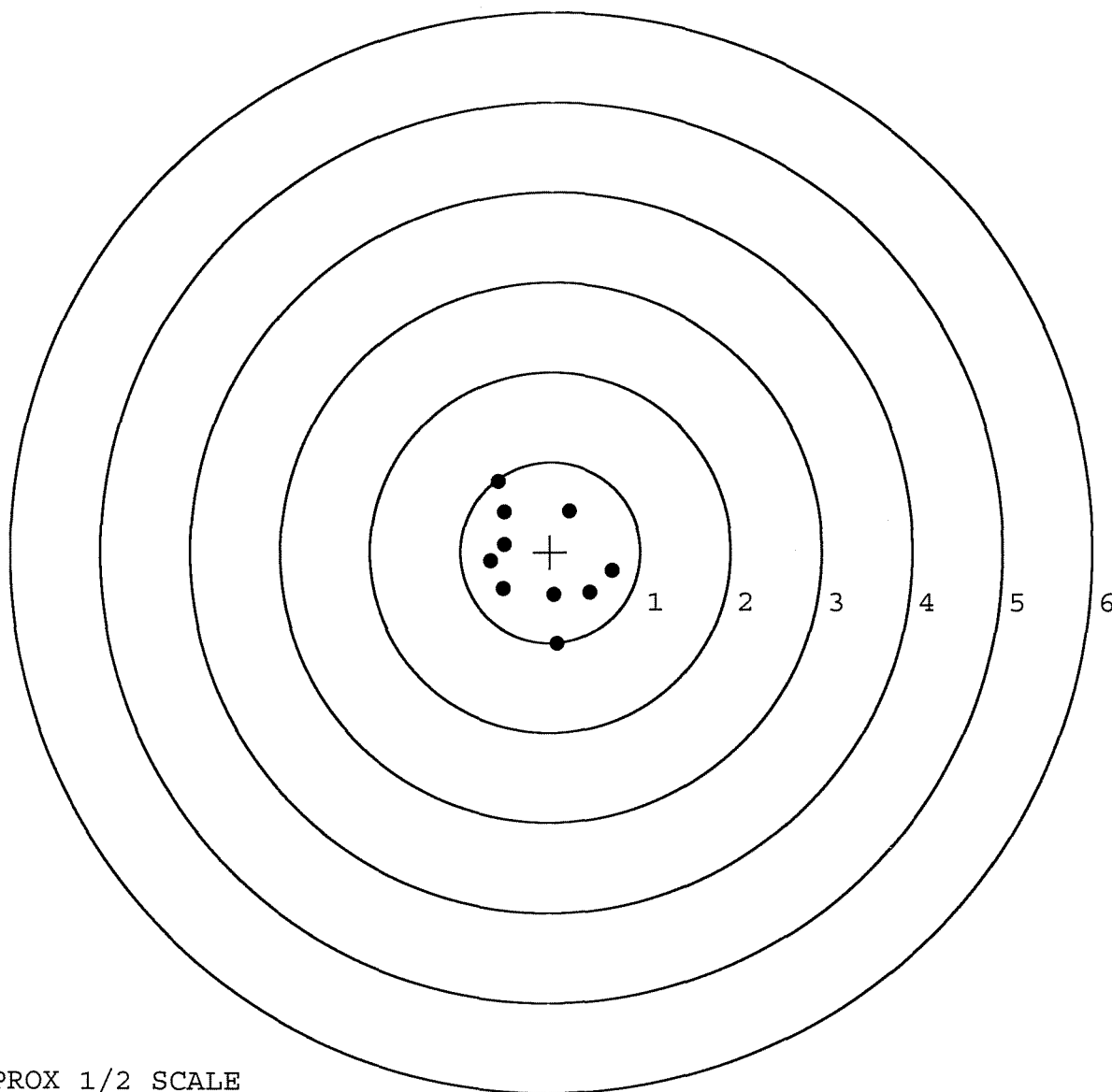


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739. __1
 TARGET NUMBER: 4
 FILE DATE: 06/15/2006
 FILE TIME: 16:17

POINT#	X	Y
1:	-0.582	0.782
2:	-0.516	0.444
3:	-0.510	0.084
4:	-0.666	-0.101
5:	-0.520	-0.410
6:	0.044	-0.476
7:	0.441	-0.449
8:	0.688	-0.209
9:	0.213	0.453
10:	0.082	-1.015

X CENTROID: -0.133
 Y CENTROID: -0.090
 POA TO CENTROID: 0.160
 HORZ SPREAD: 1.354
 VERT SPREAD: 1.797
 GROUP SPREAD: 1.916
 MIN RADIUS: 0.415
 MAX RADIUS: 0.981
 MEAN RADIUS: 0.661
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

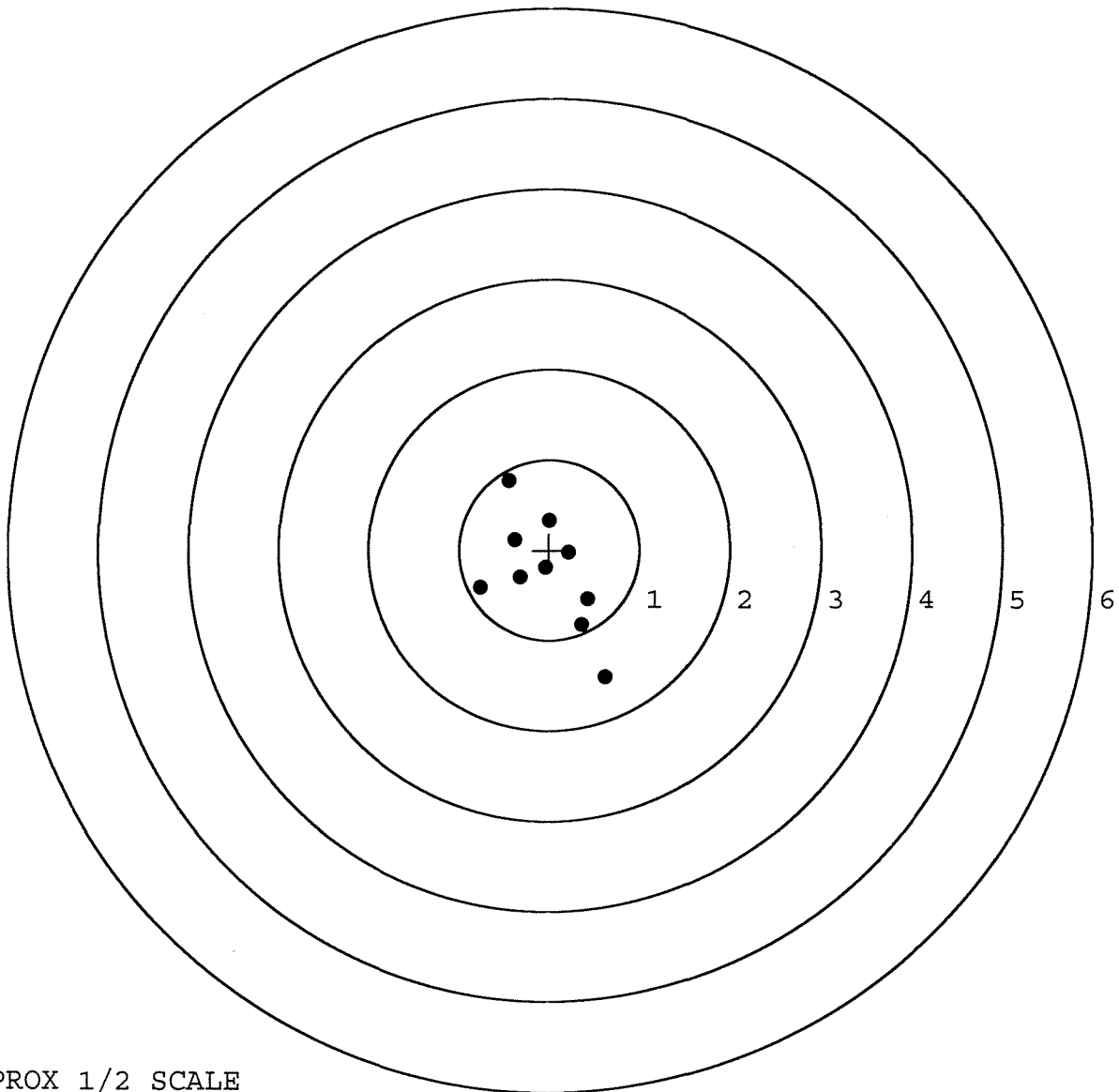


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739. __1
 TARGET NUMBER: 5
 FILE DATE: 06/15/2006
 FILE TIME: 16:17

POINT#	X	Y
1:	-0.450	0.771
2:	-0.007	0.330
3:	-0.763	-0.414
4:	0.431	-0.552
5:	0.364	-0.835
6:	0.622	-1.414
7:	-0.323	-0.302
8:	-0.044	-0.196
9:	-0.386	0.115
10:	0.215	-0.033

X CENTROID: -0.034
 Y CENTROID: -0.253
 POA TO CENTROID: 0.255
 HORZ SPREAD: 1.385
 VERT SPREAD: 2.185
 GROUP SPREAD: 2.434
 MIN RADIUS: 0.058
 MAX RADIUS: 1.334
 MEAN RADIUS: 0.622
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



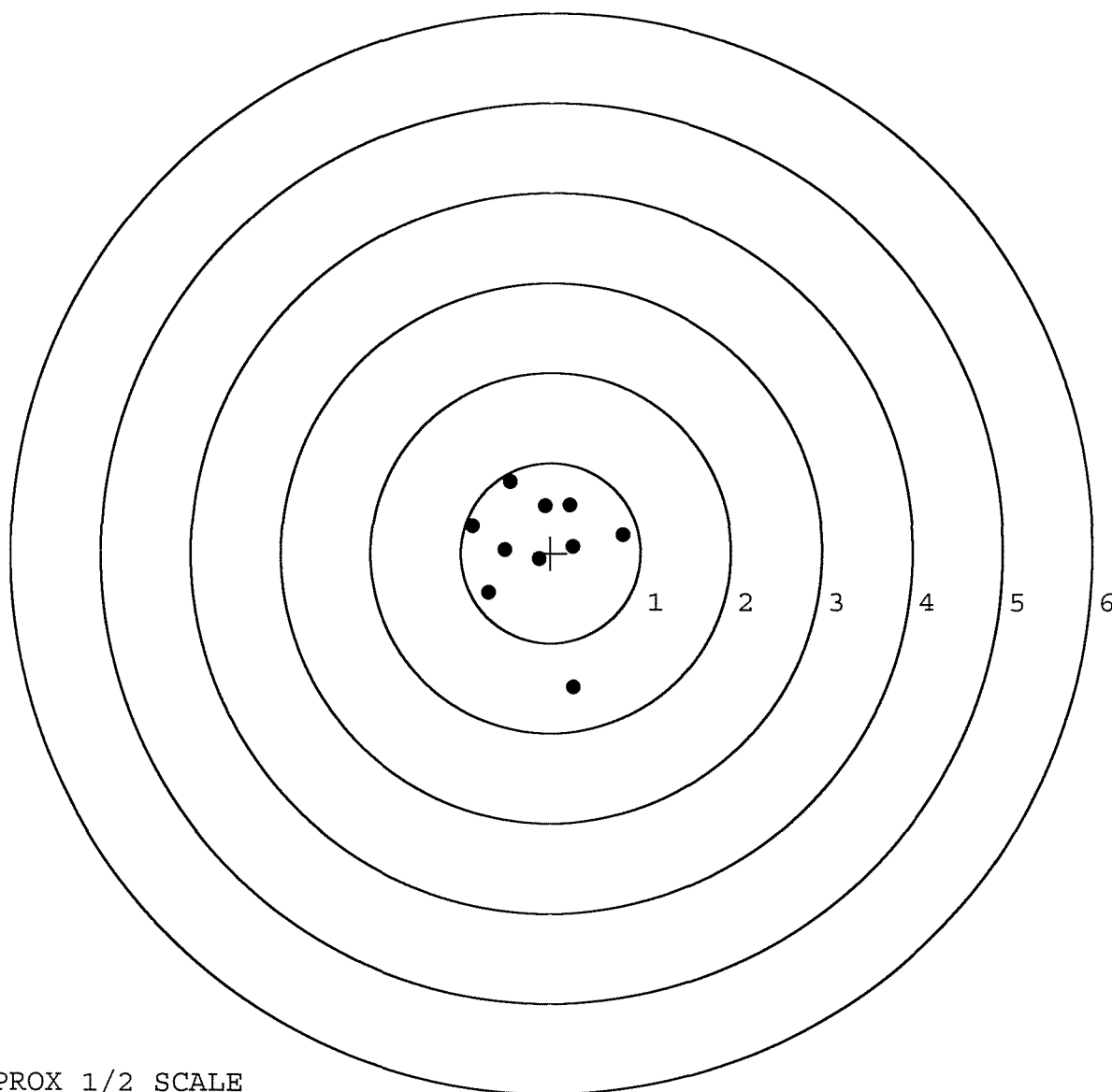
TARGET APPROX 1/2 SCALE

R & E NUMBER		00113109		Mark Mawship Training Center	
SERIAL NUMBER		C6348739			
LOG-IN DATE		6-1-06			
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		6-5-06	AC	
505	RE-BARREL		6-6-06	AC	
560	ASSEMBLE		6-6-06	AC	
600	PROOF	MAGNA-FLUX INSPECTED	6-7-06	R.P.	
605	CHECK HEADSPACE	JUN 09 2006	6-7-06	R.P.	
610	DIS-ASSEMBLE GUN		6-7-06	AC	
612	MAGNAFLUX	OPERATOR <u>APD</u>	6-9-06	APD	
510	DRILL AND TAP		6-8-06	TRW	
615	ROLLMARK CALIBER		6-9-06	CW	
618	ROTO-BLAST		6-9-06	LB	
620	APPLY COATINGS		6-13-06	TRW	
625	FINAL ASSEMBLY		6-14-06	AC	
640	FUNCTION TEST AND	PASS FAIL	6-15-06	S.P.D.	
650	TARGET	PASS FAIL	6-15-06	S.P.D.	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION		6-21-06	N/A	
	A) HEADSPACE	PASS FAIL	6-21-06	N/A	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS			
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7 lbs 6 lbs 7 lbs 6-21-06	N/A	
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs 6-21-06	N/A	
	I) FIRING PIN INDENT	.020	.023 .023 .023 6-21-06	N/A	
690	PACK		7-1-06	N/A	

SERIAL NUMBER: C6348739. __0
 TARGET NUMBER: 1
 FILE DATE: 08/07/2002
 FILE TIME: 12:07

X CENTROID: -0.119
 Y CENTROID: 0.043
 POA TO CENTROID: 0.127
 HORZ SPREAD: 1.674
 VERT SPREAD: 2.284
 GROUP SPREAD: 2.390
 MIN RADIUS: 0.116
 MAX RADIUS: 1.584
 MEAN RADIUS: 0.682
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.257	-1.496
2:	-0.690	-0.444
3:	0.806	0.195
4:	0.209	0.527
5:	-0.067	0.521
6:	-0.448	0.788
7:	0.248	0.071
8:	-0.132	-0.072
9:	-0.509	0.036
10:	-0.868	0.305

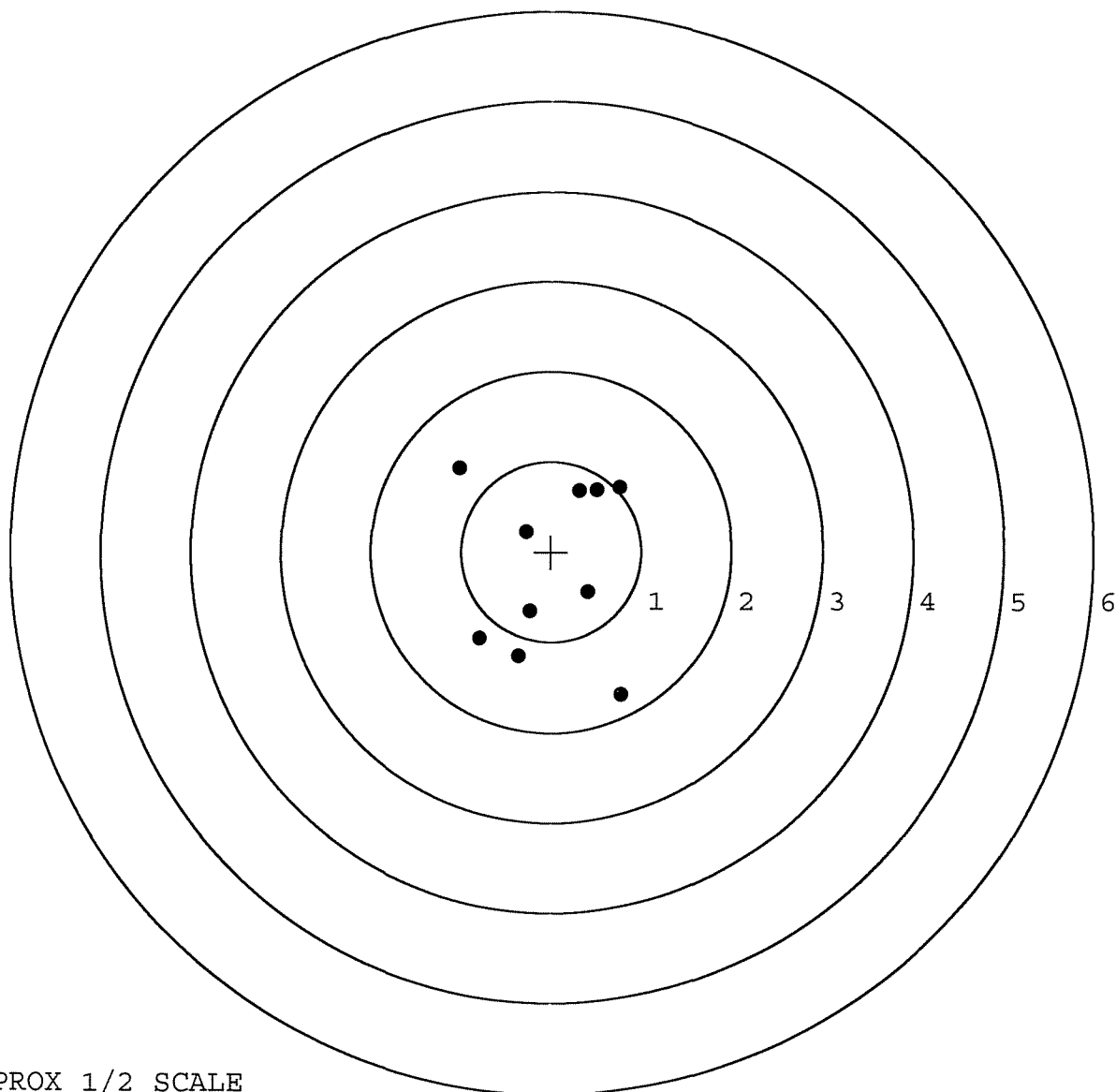


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739.____0
 TARGET NUMBER: 2
 FILE DATE: 08/07/2002
 FILE TIME: 12:07

X CENTROID: 0.006
 Y CENTROID: -0.161
 POA TO CENTROID: 0.161
 HORZ SPREAD: 1.795
 VERT SPREAD: 2.523
 GROUP SPREAD: 3.096
 MIN RADIUS: 0.477
 MAX RADIUS: 1.625
 MEAN RADIUS: 0.989
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.774	-1.593
2:	-0.365	-1.161
3:	-0.799	-0.966
4:	-0.236	-0.666
5:	0.408	-0.450
6:	0.764	0.713
7:	0.500	0.684
8:	0.312	0.678
9:	-0.274	0.225
10:	-1.021	0.930

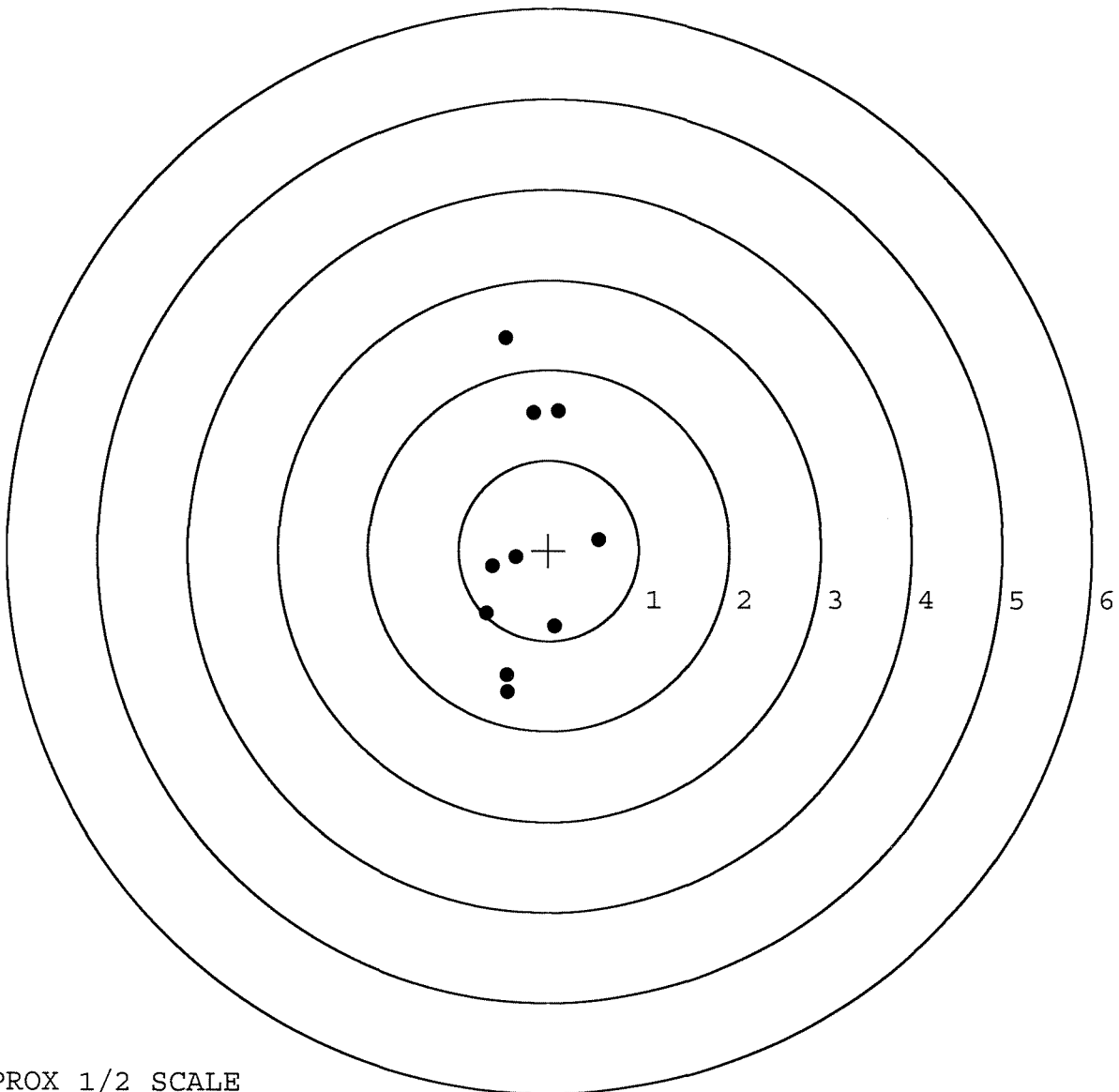


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739. __0
 TARGET NUMBER: 3
 FILE DATE: 08/07/2002
 FILE TIME: 12:07

X CENTROID: -0.253
 Y CENTROID: 0.080
 POA TO CENTROID: 0.266
 HORZ SPREAD: 1.250
 VERT SPREAD: 3.927
 GROUP SPREAD: 3.927
 MIN RADIUS: 0.190
 MAX RADIUS: 2.290
 MEAN RADIUS: 1.170
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.557	0.120
2:	0.069	-0.844
3:	-0.466	-1.381
4:	-0.457	-1.568
5:	-0.693	-0.694
6:	-0.624	-0.179
7:	-0.362	-0.076
8:	0.104	1.543
9:	-0.175	1.523
10:	-0.484	2.359

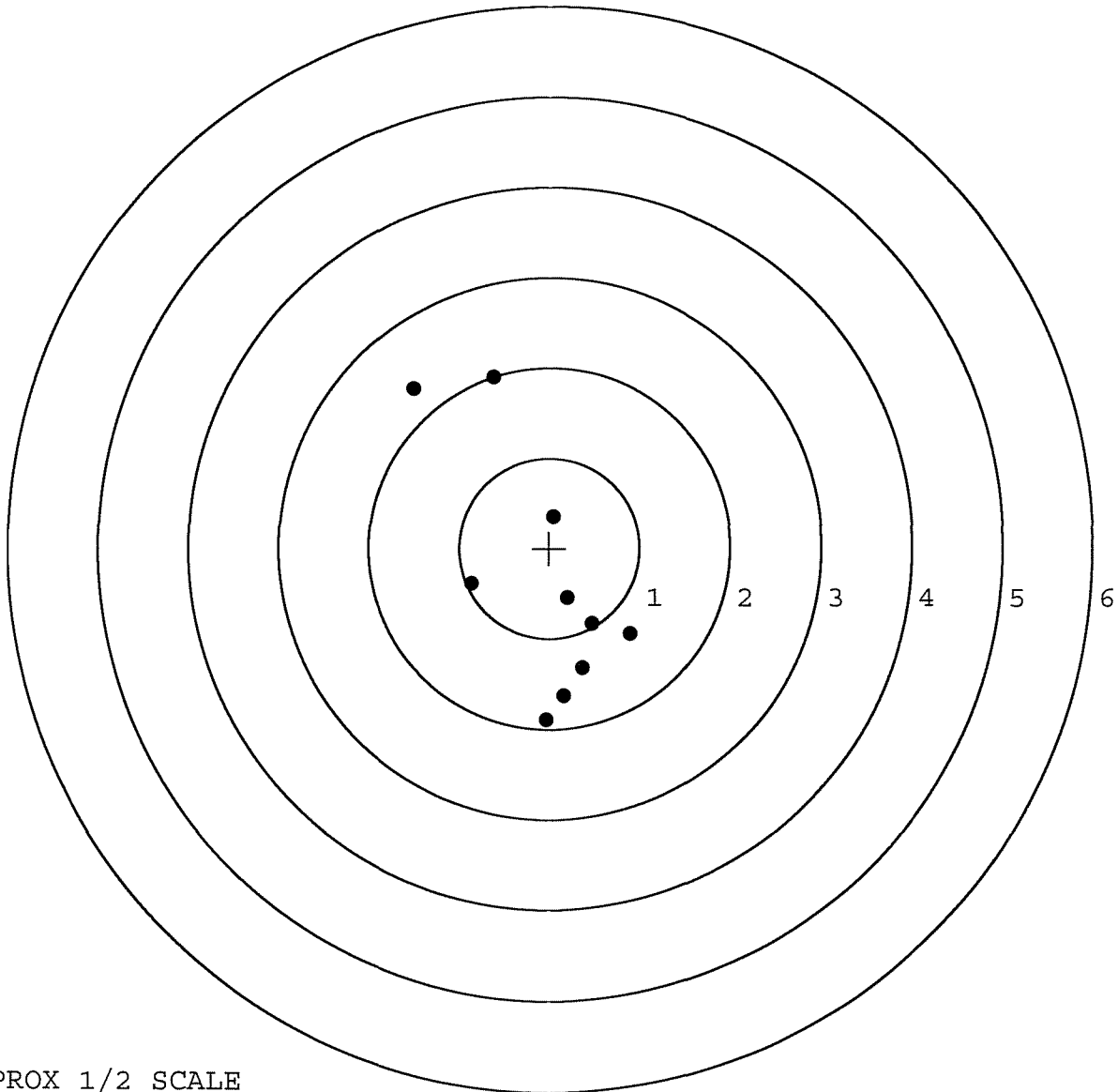


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739. __0
 TARGET NUMBER: 4
 FILE DATE: 08/07/2002
 FILE TIME: 12:07

POINT#	X	Y
1:	-0.035	-1.902
2:	0.162	-1.640
3:	0.369	-1.333
4:	0.899	-0.954
5:	0.476	-0.843
6:	0.201	-0.556
7:	-0.864	-0.400
8:	0.046	0.348
9:	-0.621	1.894
10:	-1.512	1.771

X CENTROID: -0.088
 Y CENTROID: -0.361
 POA TO CENTROID: 0.372
 HORZ SPREAD: 2.411
 VERT SPREAD: 3.796
 GROUP SPREAD: 3.959
 MIN RADIUS: 0.348
 MAX RADIUS: 2.564
 MEAN RADIUS: 1.254
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 7

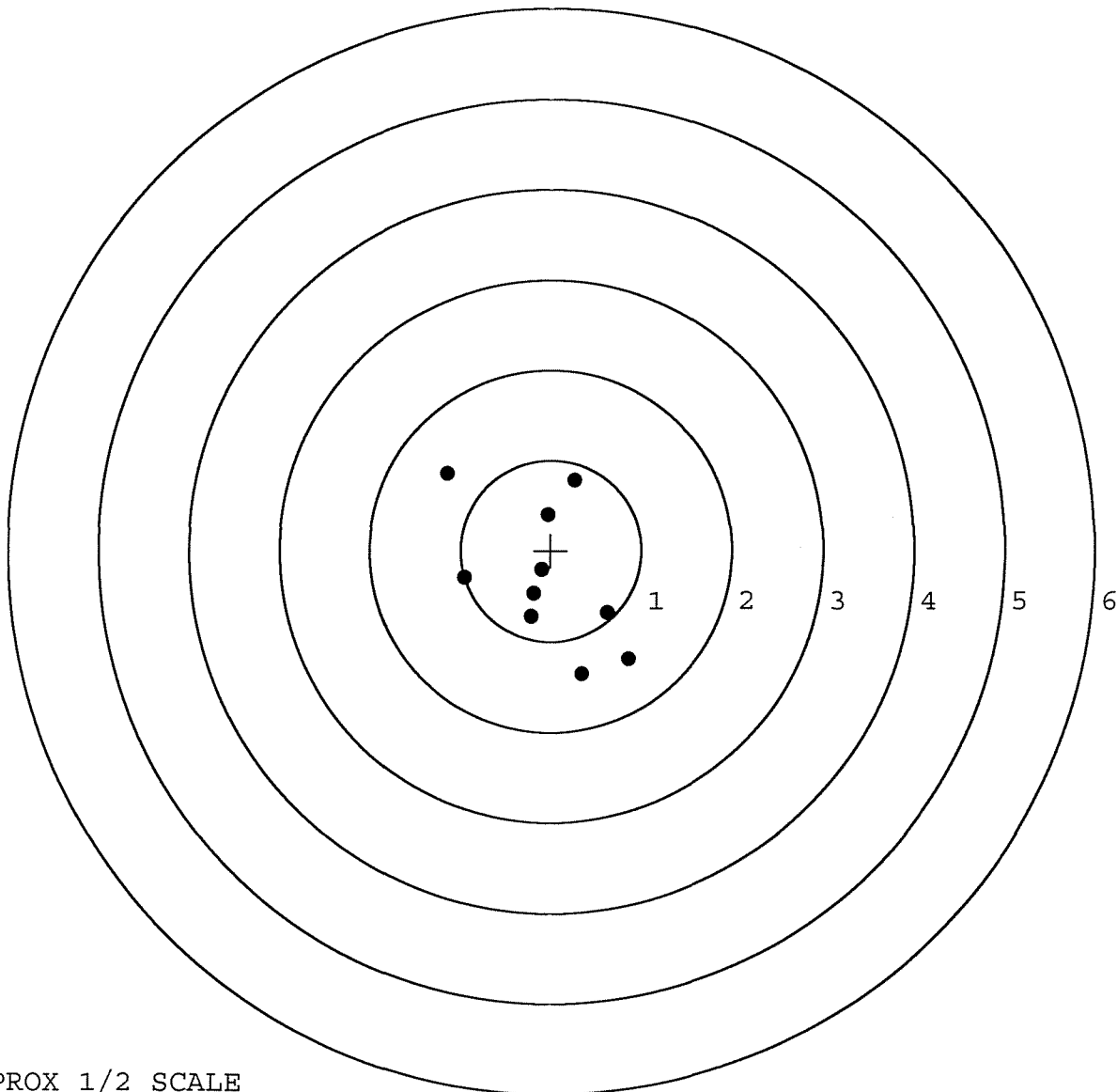


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348739. __0
 TARGET NUMBER: 5
 FILE DATE: 08/07/2002
 FILE TIME: 12:07

POINT#	X	Y
1:	0.349	-1.362
2:	0.862	-1.194
3:	0.632	-0.693
4:	-0.214	-0.728
5:	-0.192	-0.474
6:	-0.100	-0.215
7:	-0.956	-0.304
8:	-0.028	0.399
9:	0.268	0.779
10:	-1.142	0.850

X CENTROID: -0.052
 Y CENTROID: -0.294
 POA TO CENTROID: 0.299
 HORZ SPREAD: 2.004
 VERT SPREAD: 2.212
 GROUP SPREAD: 2.863
 MIN RADIUS: 0.093
 MAX RADIUS: 1.580
 MEAN RADIUS: 0.830
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

Final Inspection

In: 6348739

DATE REC'D: 7/16/02

DATE RET'D: 8/7/02

EDITOR:

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:

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

R & E NUMBER	49371		
SERIAL NUMBER	C6348739		
LOG-IN DATE	7/14/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7/17/02	RL
560 A	RE-BARREL	7/18/02	DA
B	DRILL AND TAP	7-18-02	AC
575	ASSEMBLE	7/20/02	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	
615	ROLLMARK CALIBER	INSPECTED	JW
618	ROTO-BLAST	JUL 23 7/25/02	RO
620	APPLY COATINGS	OPERATOR 7-26	TA
625 A	FINAL ASSEMBLY	8/5/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8/6/02	TRW
655	FINAL INSPECT	8-6-02	RW
660	PACK	8-7-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

C 6702845

GUN SERIAL #

C6348739

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9		RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		GL
7	Drill and Tap Sight Holes	9 29	89	LB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10/1/89	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		27 Oct 89	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/30/89	gfl
	G) Safety Off Force	4	4	4			10/30/89	gfl
	H) Trigger Pull Test & Retainability						276/89	gfl
	I) Firing Pin Indent	.0215	.021	.022			10/30/89	gfl
	J) Assemble Stock						10/30/89	RW
	K) Assemble Swivel Studs						6/10/89	LS
	L) Attach Front and Rear Sight Assemblies						10/30/89	RW
	M) Iron Sight Alignment						10/30/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/30/89	RW
	O) Attach Scope to Rifle						10/30/89	gfl
	P) Detach & Attach Scope 20 Times						10/30/89	gfl
640	Gallery Target & Test						10-31-89	AC
	A) Time						10-31-89	AC
	B) Malfunctions						10-31-89	AC
	C) Pierced Primers						10-31-89	AC
	D) Optical Clarity of Scope						10-31-89	AC
645	Inspect for Live Ammo						10-31-89	AC
655	Final Inspection							
	A) Headspace						6/10/89	gfl
	B) Trigger Pull	2.71	2.70	2.78	2.80	2.75	6/10/89	gfl
	C) Function						6/10/89	gfl
660	Pack						18 Dec 89	gfl

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348739DATE 12 MAR 90TESTER ES

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	263	246		254	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	237	245		234	
PULL #3	238	245		245	
PULL #4	238	243		244	
PULL #5	231	232		244	
TOTAL	1207	1211			
AVG.	2414	2422			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	352	350		
PULL #2	349	332		
PULL #3	332	346		
PULL #4	342	349		
PULL #5	348	345		
TOTAL	1723	1722		
AVG.	3446	3444		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	429	424		
PULL #2	415	416		
PULL #3	413	412		
PULL #4	412	390		
PULL #5	417	412		
TOTAL	2086	2154		
AVG.	4172	4308		

11

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6348739
 31 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.26803
1 TO	2	.564618
1 TO	3	.385684
1 TO	4	.261335
1 TO	5	.452383

$\frac{1}{5}$ <----POA

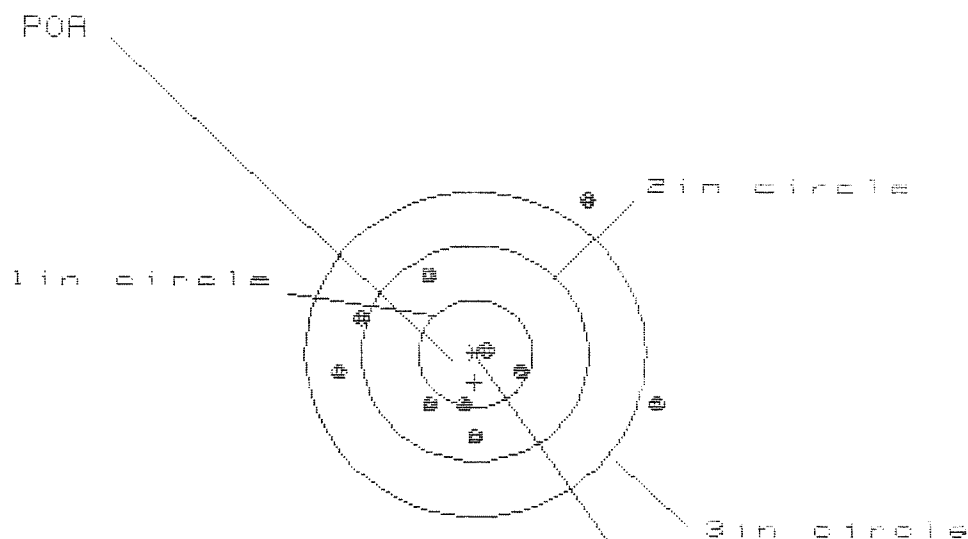
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.09
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0006
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .090002
 THE AMR FOR THIS RIFLE IS: .939

31 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340739

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS = 2.741

VS = 2.219

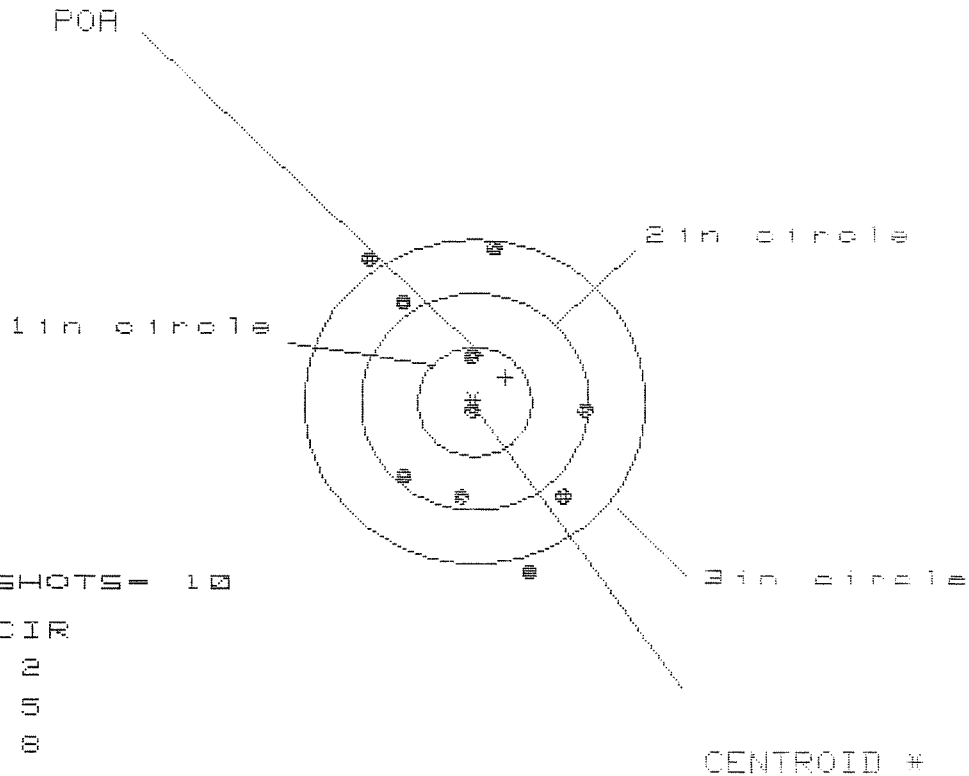
GS = 2.761

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.558	1.672	.700
MINIMUM X	:	-1.183	-1.069	-.860
MAXIMUM Y	:	1.417	.905	.867
MINIMUM Y	:	-.802	-.645	-.683
CENTROID X	:	.004	-.110	-.319
CENTROID Y	:	.268	.111	.150
POA TO CENTROID in.	:	.268	.156	.352
MIN RADIUS	:	.047	.218	.370
MEAN RADIUS	:	.877	.755	.644
MAX RADIUS	:	1.749	1.701	.870
HORIZONTAL SPREAD	:	2.741	2.741	1.560
VERTICAL SPREAD	:	2.219	1.550	1.550
EXTREME SPREAD	:	2.761	2.761	1.601
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

31 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348739

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 1.894

VS = 2.957

GS = 3.220

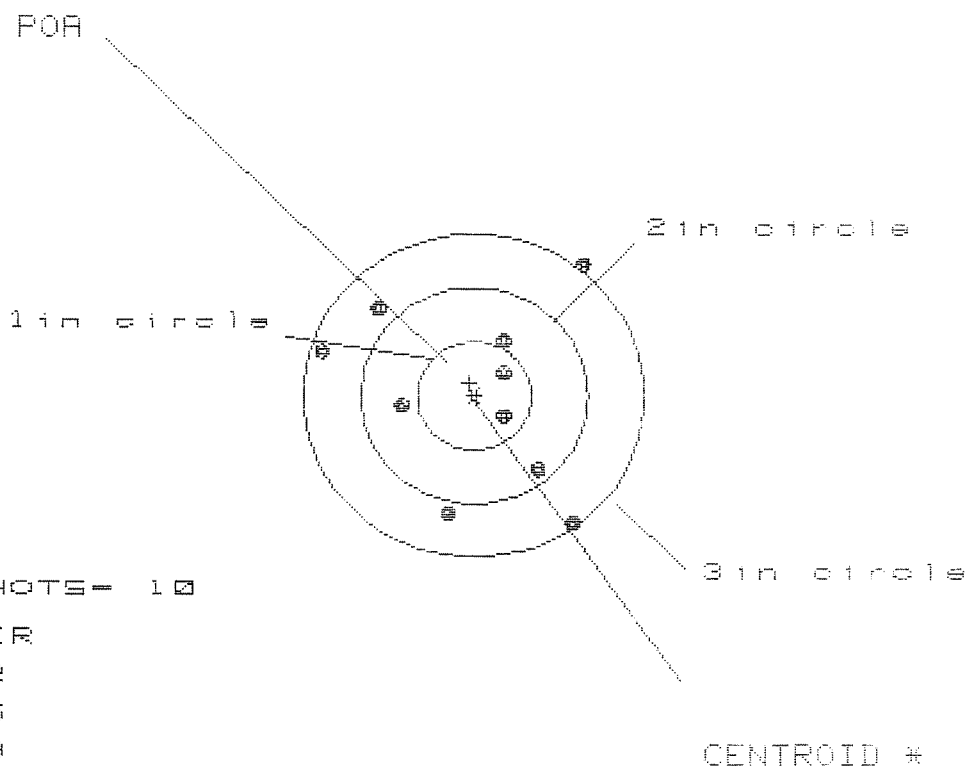
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.931	.825	.870
MINIMUM X	:	-.963	-.734	-.689
MAXIMUM Y	:	1.410	1.559	1.384
MINIMUM Y	:	-1.546	-1.398	-.948
CENTROID X	:	-.273	-.167	-.212
CENTROID Y	:	-.224	-.373	-.198
POA TO CENTROID in.	:	.354	.408	.290
MIN RADIUS	:	.095	.191	.159
MEAN RADIUS	:	1.028	.955	.882
MAX RADIUS	:	1.647	1.560	1.387
HORIZONTAL SPREAD	:	1.894	1.559	1.559
VERTICAL SPREAD	:	2.957	2.957	2.332
EXTREME SPREAD	:	3.220	2.974	2.347
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

31 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B739

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.254

VS= 2.313

GS= 2.660

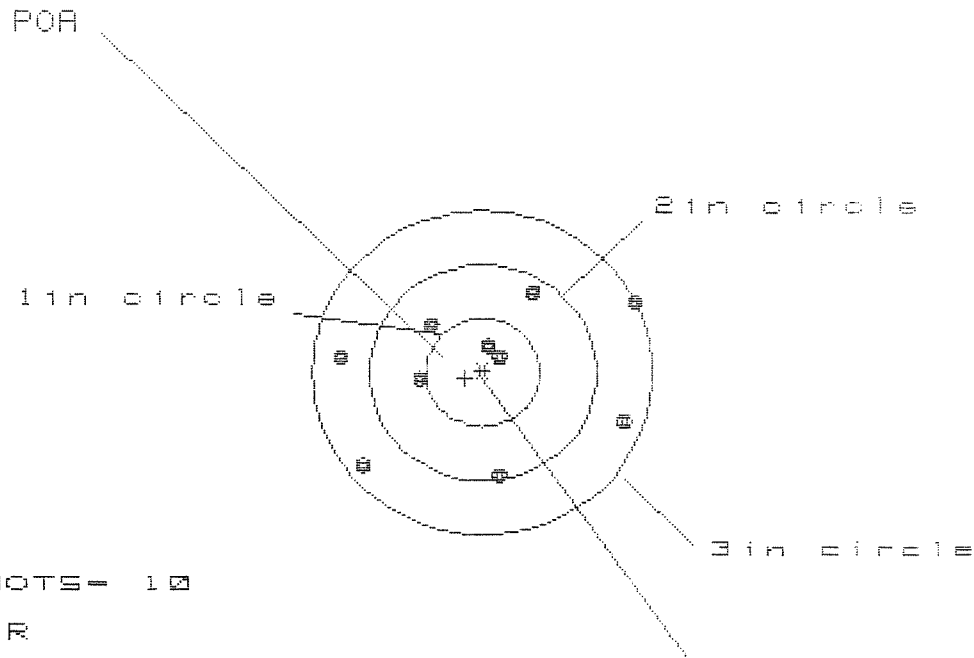
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.949	.952	.760
MINIMUM X	:	-1.305	-1.200	-1.081
MAXIMUM Y	:	1.176	.913	.787
MINIMUM Y	:	-1.137	-1.007	-1.095
CENTROID X	:	.040	-.065	-.184
CENTROID Y	:	-.116	-.246	-.120
POA TO CENTROID in.	:	.122	.255	.220
MIN RADIUS	:	.285	.353	.458
MEAN RADIUS	:	.933	.875	.809
MAX RADIUS	:	1.511	1.386	1.163
HORIZONTAL SPREAD	:	2.254	2.152	1.841
VERTICAL SPREAD	:	2.313	1.920	1.882
EXTREME SPREAD	:	2.660	2.660	2.130
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

31 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348739

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.513

VS= 1.700

GS= 2.845

CENTROID *

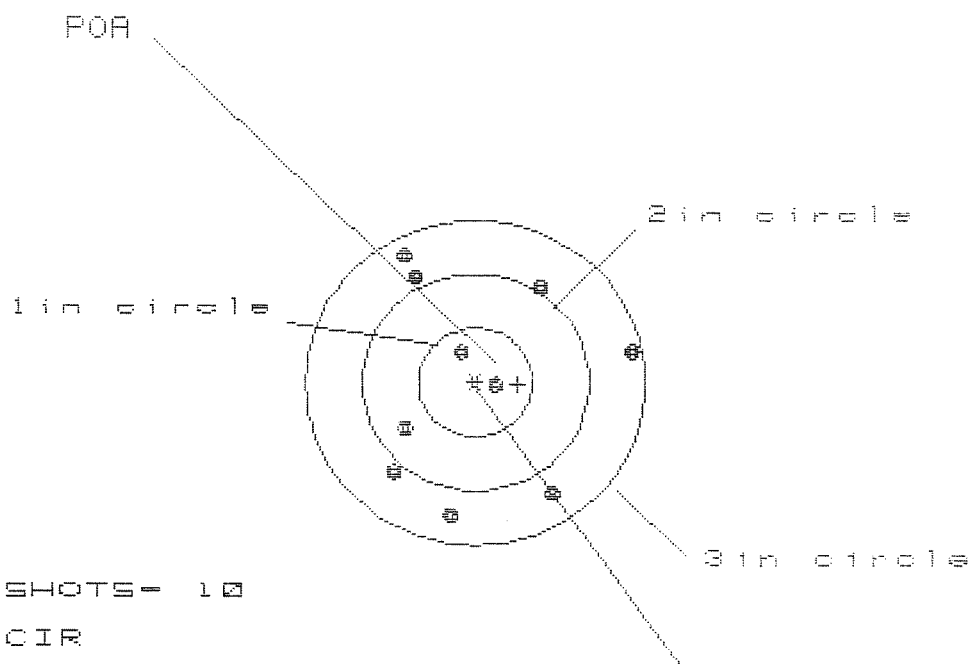
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.310	1.346	1.232
MINIMUM X	:	-1.204	-1.058	-1.172
MAXIMUM Y	:	.717	.794	.692
MINIMUM Y	:	-.983	-.906	-1.008
CENTROID X	:	.154	.008	.122
CENTROID Y	:	.054	-.023	.079
POA TO CENTROID in.	:	.163	.024	.145
MIN RADIUS	:	.213	.342	.198
MEAN RADIUS	:	.895	.834	.756
MAX RADIUS	:	1.480	1.404	1.331
HORIZONTAL SPREAD	:	2.513	2.404	2.404
VERTICAL SPREAD	:	1.700	1.700	1.700
EXTREME SPREAD	:	2.845	2.480	2.480
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348738

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 10

HS= 2.022

VS= 2.402

GS= 2.564

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.342	.787	.730
MINIMUM X	:	-.680	-.531	-.589
MAXIMUM Y	:	1.173	1.206	1.163
MINIMUM Y	:	-1.230	-1.196	-1.045
CENTROID X	:	-.375	-.524	-.466
CENTROID Y	:	.021	-.013	-.164
POA TO CENTROID in.	:	.375	.524	.495
MIN RADIUS	:	.149	.294	.280
MEAN RADIUS	:	.962	.914	.862
MAX RADIUS	:	1.376	1.301	1.255
HORIZONTAL SPREAD	:	2.022	1.318	1.318
VERTICAL SPREAD	:	2.402	2.402	2.208
EXTREME SPREAD	:	2.564	2.564	2.333
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	10		

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

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

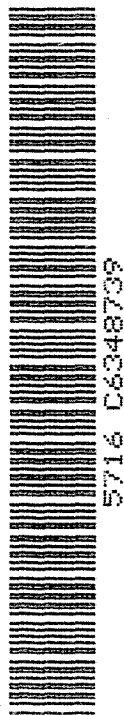
MODEL 700™ M24

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SERIAL NO.
C6348739

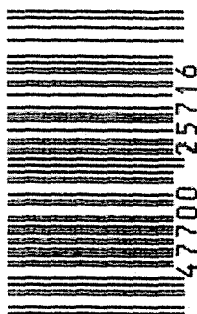
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