

C6611542

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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: RE00146518

Verify Repair

Serial: C6611542 Model M24 SWS Center Fire

Caliber: 7.62 NATO

Repairman:

Status: Closed 6/17/2008 9:53:43 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DEF DIST DEPOT

DEF DIST DEPOT

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

Address 2:

PO Box:

City: ANNISTON

ANNISTON

State: AL Zip Code: 36201 Country: US

State: AL Zip Code: 36201 Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone: NN

Fax:

Email:

Comments:

Fair

Condition Notes:

CSR Notes:

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

nagletj

6/17/2008

10:51 AM

CAPS

NUM

INS

SCRL

start

10 M

My ...

4 M

Par ...

Ar ...

Cre ...

My ...

10:51 AM

Number: C6611542

Model: M24 SWS

RE00146518

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER 146528 -

SERIAL NUMBER C6611542

LOG-IN DATE 6-17-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-14-09	RTZ
505	RE-BARREL	7-16-09	RTZ
420	ASSEMBLE	7-16-09	RTZ
440	PROOF	7-16-09	RP
460	CHECK HEADSPACE	7-16-09	RP
470	DIS-ASSEMBLE GUN	7-16-09	RP
480	MAGNAFLUX	7-18-09	RP
510	DRILL AND TAP	7-17-09	SP
500	ROLLMARK CALIBER	7-21-09	DW
520	GOFF BLAST BBL / REC	7-21-09	HW
530 & 540	APPLY COATINGS	7-28	-
560	FINAL ASSEMBLY	7-30-09	RTZ
640	FUNCTION TEST AND	8/5/09	RP
650	TARGET	8/5/09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-5-09	RP
	A) HEADSPACE	8-17-09	RP
	B) TRIGGER PULL	260 263 259 257 262 8-7-09	RP
680	F) SAFETY ON FORCE	2.4 2.4 2.4 8-17-09	RP
	G) SAFETY OFF FORCE	4.0 4.0 3.8 8-17-09	RP
	I) FIRING PIN INDENT	.027 .027 .027 8-17-09	RP
690	PACK	9-12-09	Fry

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611542.___0
FILE DATE AND TIME: 08/07/2009 07:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.043
The Average Y Centroid of the Five Target Set:	-0.020
The Average Point of Impact of the Five Target Set:	0.047
The Average Mean Radius of the Five Target Set:	0.536
The Distance from POA to Centroid Target #1:	0.147
The Distance from Centroid Target #2 to Centroid Target #1:	0.187
The Distance from Centroid Target #3 to Centroid Target #1:	0.242
The Distance from Centroid Target #4 to Centroid Target #1:	0.212
The Distance from Centroid Target #5 to Centroid Target #1:	0.112

SERIAL NUMBER: C6611542. 0

TARGET NUMBER: 1

FILE DATE: 08/07/2009

FILE TIME: 07:24

X CENTROID: 0.099

Y CENTROID: 0.109

POA TO CENTROID: 0.147

HORZ SPREAD: 1.696

VERT SPREAD: 1.929

GROUP SPREAD: 2.305

MIN RADIUS: 0.115

MAX RADIUS: 1.621

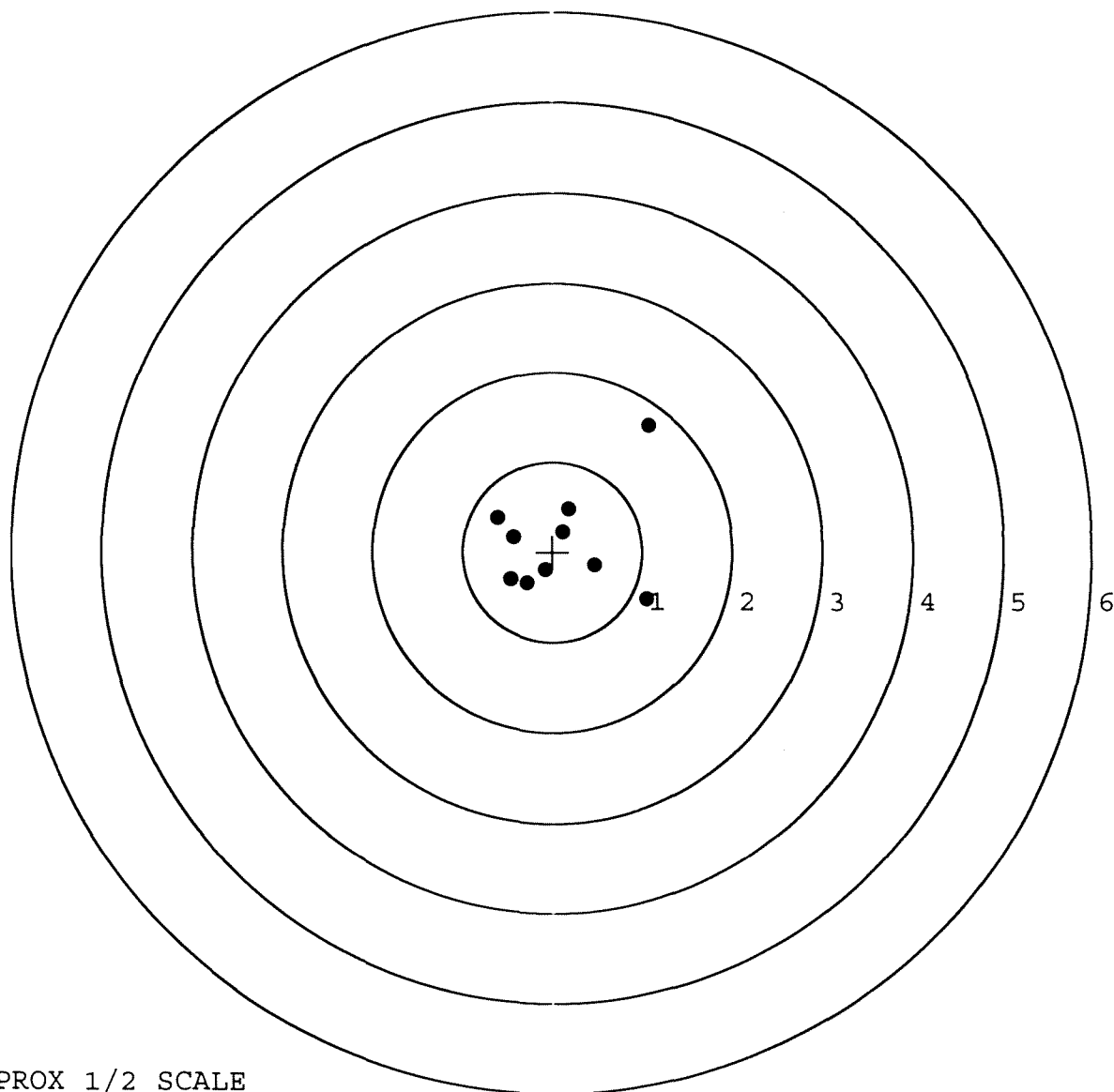
MEAN RADIUS: 0.668

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.076	1.402
2:	1.050	-0.527
3:	0.472	-0.152
4:	0.174	0.474
5:	0.117	0.223
6:	-0.620	0.375
7:	-0.436	0.162
8:	-0.086	-0.205
9:	-0.469	-0.308
10:	-0.292	-0.350

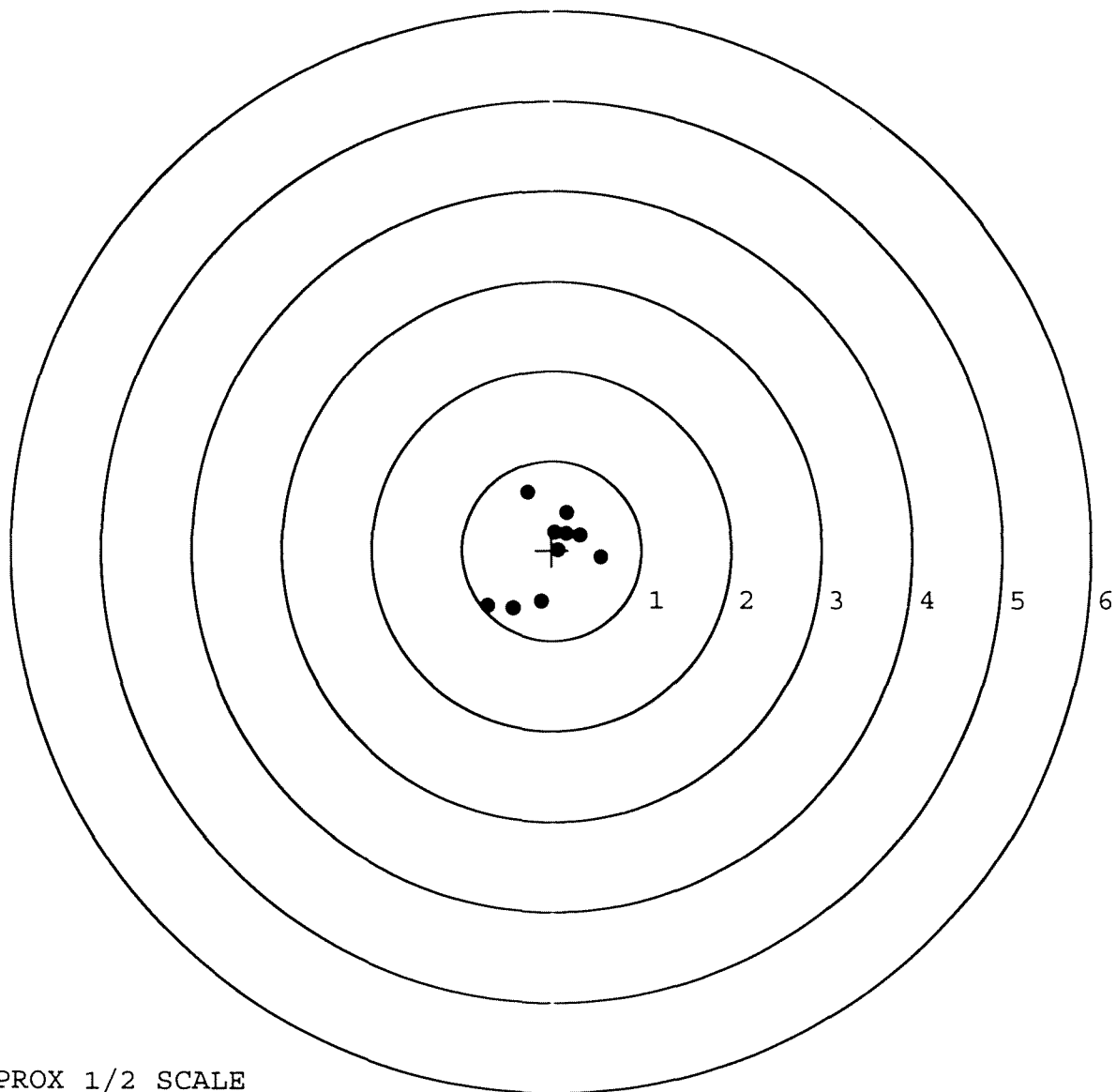


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611542. __0
 TARGET NUMBER: 2
 FILE DATE: 08/07/2009
 FILE TIME: 07:24

X CENTROID: -0.025
 Y CENTROID: -0.031
 POA TO CENTROID: 0.040
 HORZ SPREAD: 1.272
 VERT SPREAD: 1.304
 GROUP SPREAD: 1.382
 MIN RADIUS: 0.098
 MAX RADIUS: 0.912
 MEAN RADIUS: 0.503
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.719	-0.622
2:	-0.436	-0.653
3:	-0.123	-0.573
4:	-0.277	0.651
5:	0.553	-0.081
6:	0.070	-0.005
7:	0.034	0.200
8:	0.166	0.420
9:	0.317	0.169
10:	0.165	0.188



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611542. __0

TARGET NUMBER: 3

FILE DATE: 08/07/2009

FILE TIME: 07:24

X CENTROID: 0.100

Y CENTROID: -0.133

POA TO CENTROID: 0.166

HORZ SPREAD: 0.810

VERT SPREAD: 1.903

GROUP SPREAD: 1.938

MIN RADIUS: 0.063

MAX RADIUS: 1.070

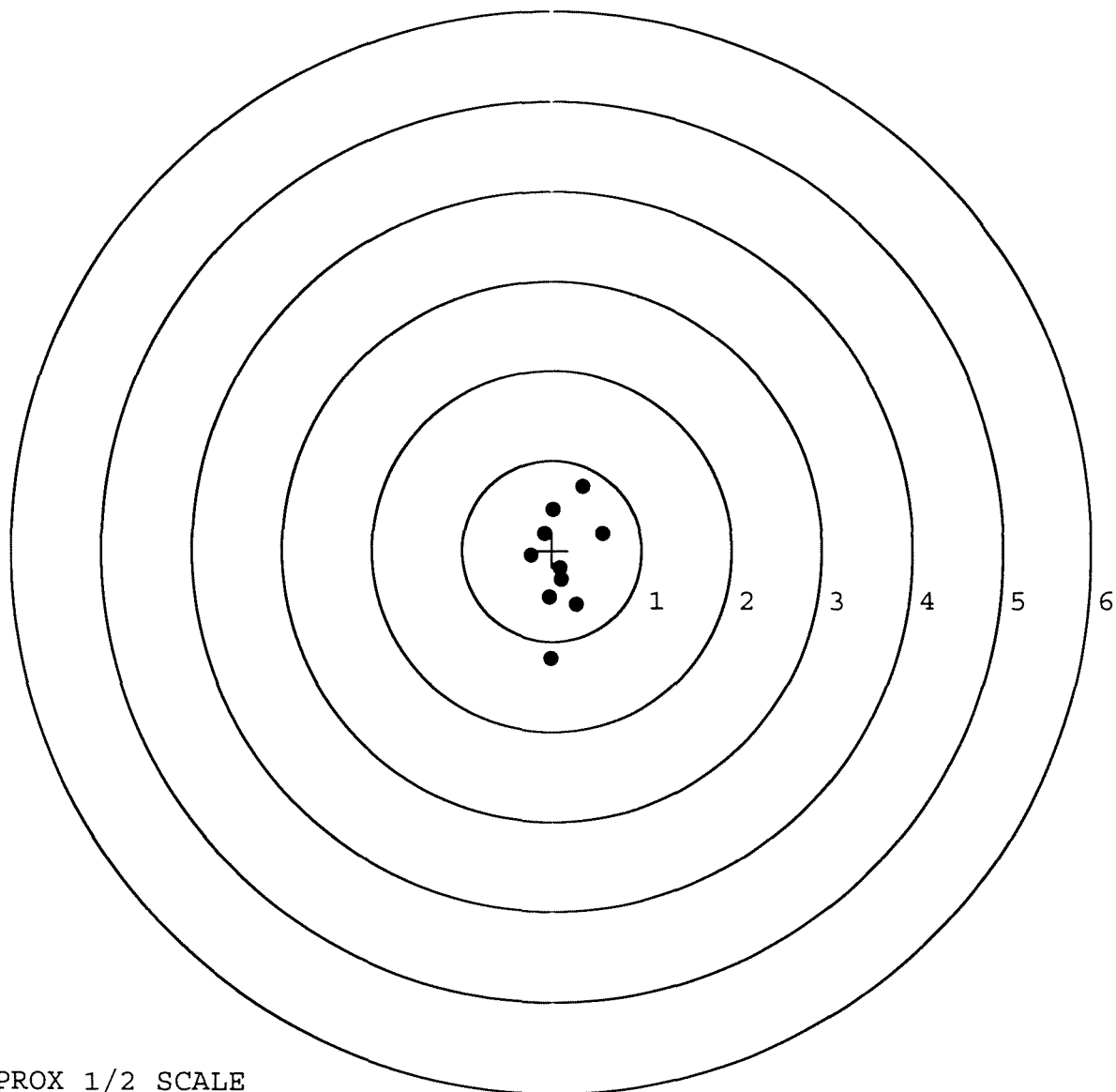
MEAN RADIUS: 0.498

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.025	-1.195
2:	0.340	0.708
3:	0.571	0.193
4:	0.269	-0.597
5:	-0.035	-0.515
6:	0.089	-0.195
7:	-0.239	-0.054
8:	-0.081	0.191
9:	0.007	0.458
10:	0.104	-0.321

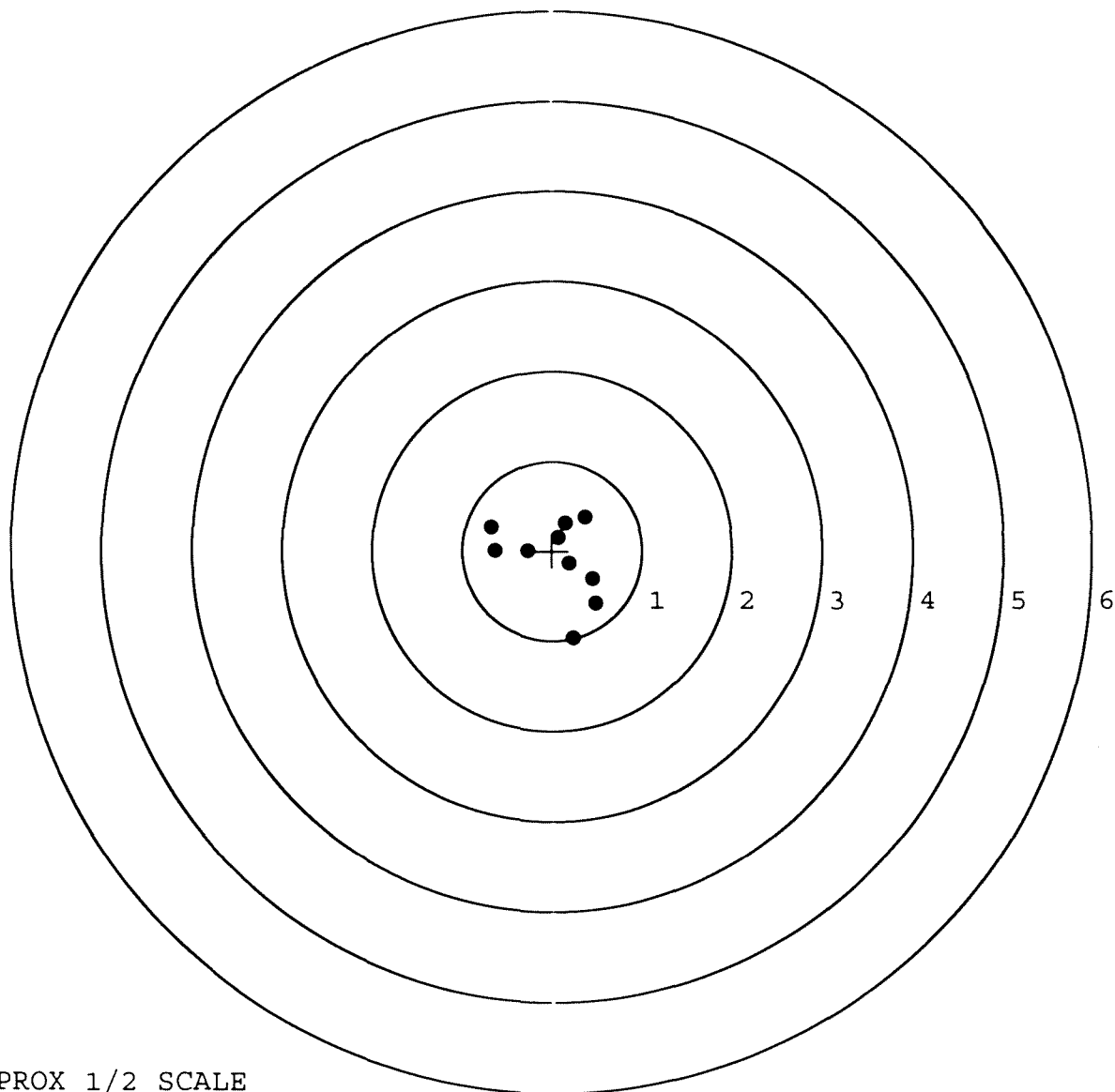


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611542. __0
 TARGET NUMBER: 4
 FILE DATE: 08/07/2009
 FILE TIME: 07:24

X CENTROID: 0.035
 Y CENTROID: -0.093
 POA TO CENTROID: 0.099
 HORZ SPREAD: 1.170
 VERT SPREAD: 1.352
 GROUP SPREAD: 1.540
 MIN RADIUS: 0.166
 MAX RADIUS: 0.905
 MEAN RADIUS: 0.525
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.230	-0.977
2:	0.486	-0.587
3:	0.449	-0.319
4:	0.193	-0.145
5:	0.364	0.375
6:	0.153	0.313
7:	-0.684	0.263
8:	-0.638	0.004
9:	-0.274	-0.004
10:	0.070	0.148

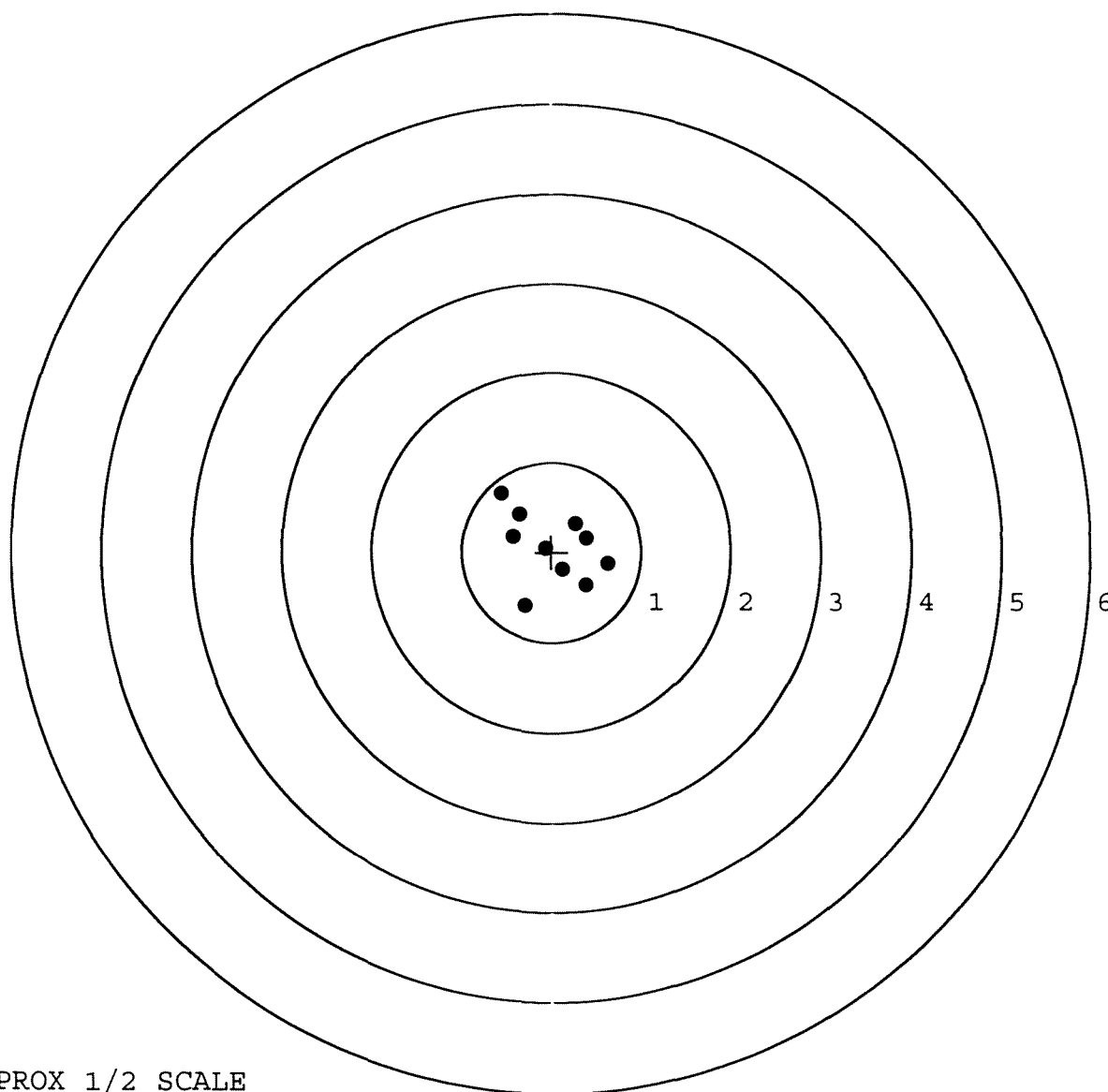


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611542. __ 0
 TARGET NUMBER: 5
 FILE DATE: 08/07/2009
 FILE TIME: 07:24

X CENTROID: 0.006
 Y CENTROID: 0.046
 POA TO CENTROID: 0.047
 HORZ SPREAD: 1.196
 VERT SPREAD: 1.243
 GROUP SPREAD: 1.427
 MIN RADIUS: 0.078
 MAX RADIUS: 0.830
 MEAN RADIUS: 0.486
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.566	0.648
2:	-0.361	0.417
3:	-0.431	0.168
4:	0.266	0.319
5:	-0.072	0.045
6:	-0.305	-0.595
7:	0.630	-0.130
8:	0.121	-0.194
9:	0.384	-0.373
10:	0.393	0.159



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: **RE00093002**Serial: C6611542 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/18/1991

Repairman:

Status:

Closed 2/11/2005 7:32:02 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box

PO Box

City: ANNISTON

ANNISTON

State: AL

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

Country: US

FPL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition
Notes:CSR
Notes:

Accessories Received

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

Repair Search

Refresh

Close

neglet

2/14/2005

9:13 AM

CAPS

NUM

INS

SCPL

start

5

2

3

Arms Service

Serial
Number:

C6611542

Model: M24 SWS



RE00093002

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611542.___0
FILE DATE AND TIME: 02/23/2005 07:33

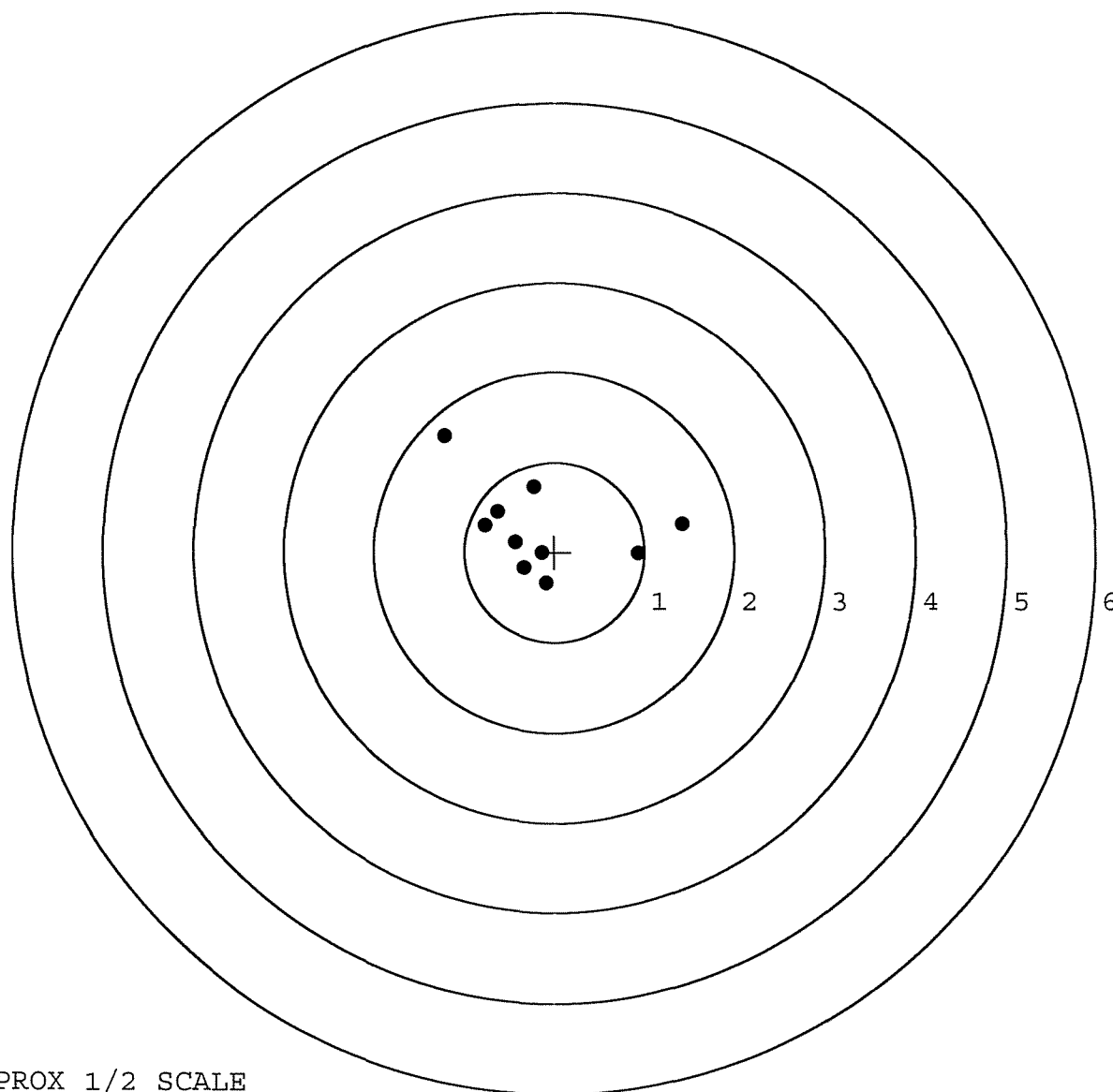
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.028
The Average Y Centroid of the Five Target Set:	-0.055
The Average Point of Impact of the Five Target Set:	0.061
The Average Mean Radius of the Five Target Set:	0.700
The Distance from POA to Centroid Target #1:	0.305
The Distance from Centroid Target #2 to Centroid Target #1:	0.328
The Distance from Centroid Target #3 to Centroid Target #1:	0.361
The Distance from Centroid Target #4 to Centroid Target #1:	0.502
The Distance from Centroid Target #5 to Centroid Target #1:	0.531

SERIAL NUMBER: C6611542. __ 0
 TARGET NUMBER: 1
 FILE DATE: 02/23/2005
 FILE TIME: 07:33

X CENTROID: -0.154
 Y CENTROID: 0.264
 POA TO CENTROID: 0.305
 HORZ SPREAD: 2.637
 VERT SPREAD: 1.645
 GROUP SPREAD: 2.812
 MIN RADIUS: 0.273
 MAX RADIUS: 1.572
 MEAN RADIUS: 0.748
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.417	0.316
2:	0.930	-0.018
3:	-0.235	0.731
4:	-0.636	0.448
5:	-1.220	1.292
6:	-0.440	0.110
7:	-0.343	-0.174
8:	-0.096	-0.353
9:	-0.775	0.295
10:	-0.142	-0.009

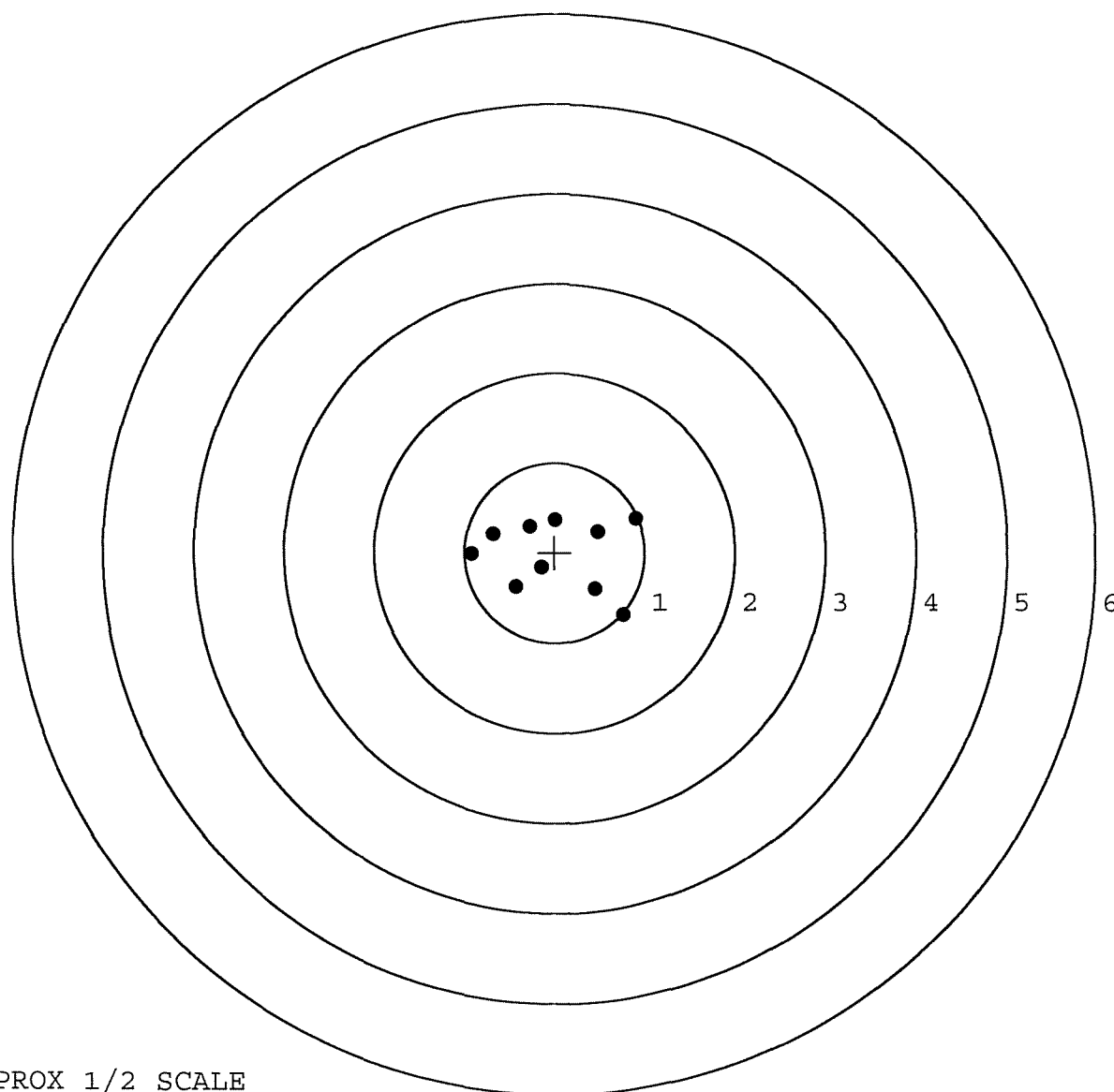


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611542. __0
TARGET NUMBER: 2
FILE DATE: 02/23/2005
FILE TIME: 07:33

X CENTROID: 0.012
Y CENTROID: -0.019
POA TO CENTROID: 0.023
HORZ SPREAD: 1.818
VERT SPREAD: 1.073
GROUP SPREAD: 1.813
MIN RADIUS: 0.218
MAX RADIUS: 1.005
MEAN RADIUS: 0.637
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.758	-0.692
2:	0.453	-0.405
3:	0.894	0.381
4:	0.485	0.234
5:	0.004	0.364
6:	-0.147	-0.169
7:	-0.434	-0.385
8:	-0.924	-0.016
9:	-0.685	0.207
10:	-0.285	0.290

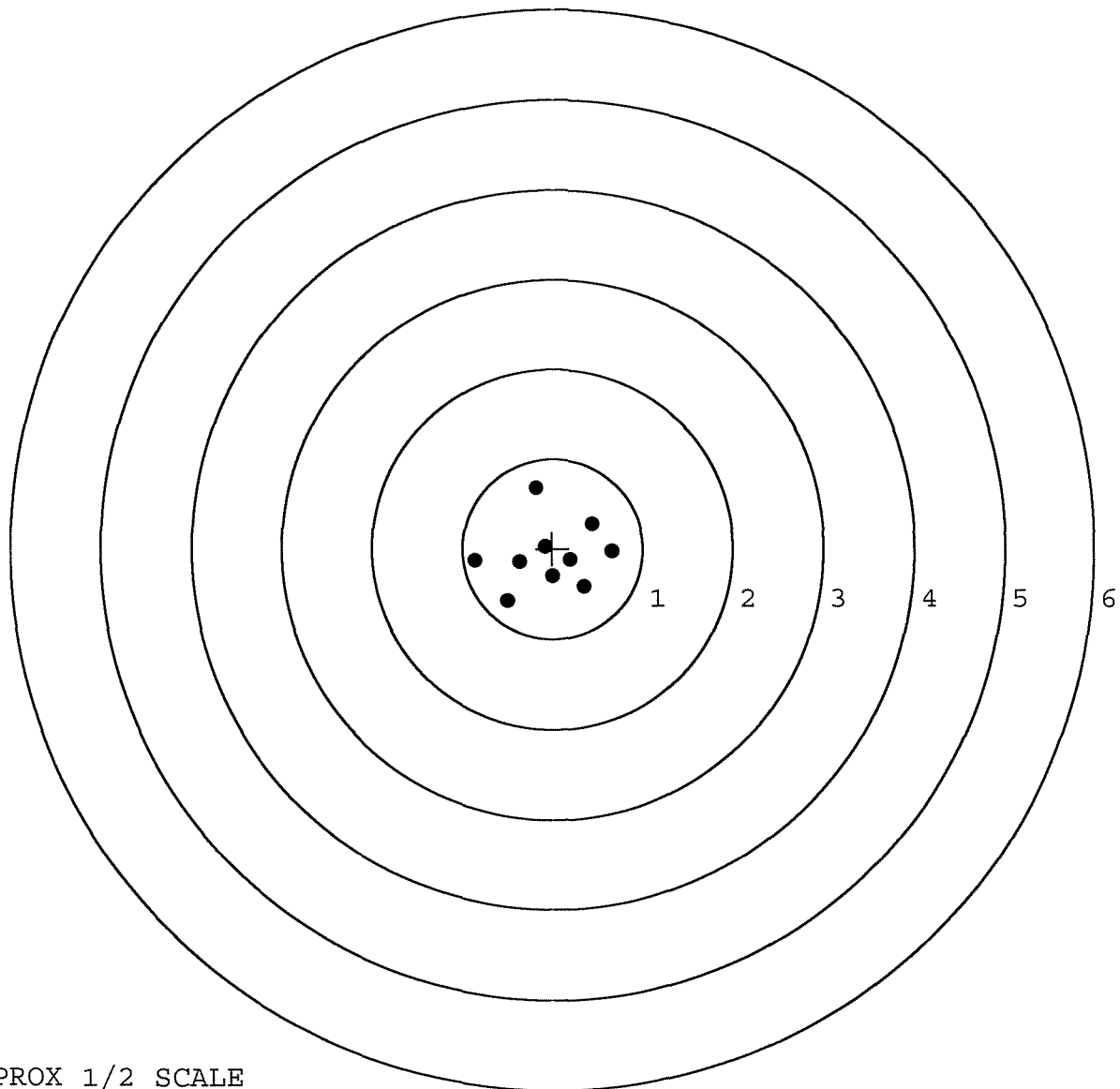


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611542. __0
TARGET NUMBER: 3
FILE DATE: 02/23/2005
FILE TIME: 07:33

X CENTROID: -0.035
Y CENTROID: -0.077
POA TO CENTROID: 0.085
HORZ SPREAD: 1.522
VERT SPREAD: 1.259
GROUP SPREAD: 1.526
MIN RADIUS: 0.109
MAX RADIUS: 0.829
MEAN RADIUS: 0.501
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.437	0.280
2:	0.660	-0.027
3:	-0.189	0.678
4:	-0.862	-0.138
5:	-0.502	-0.581
6:	0.349	-0.422
7:	0.199	-0.126
8:	0.004	-0.308
9:	-0.084	0.021
10:	-0.367	-0.147

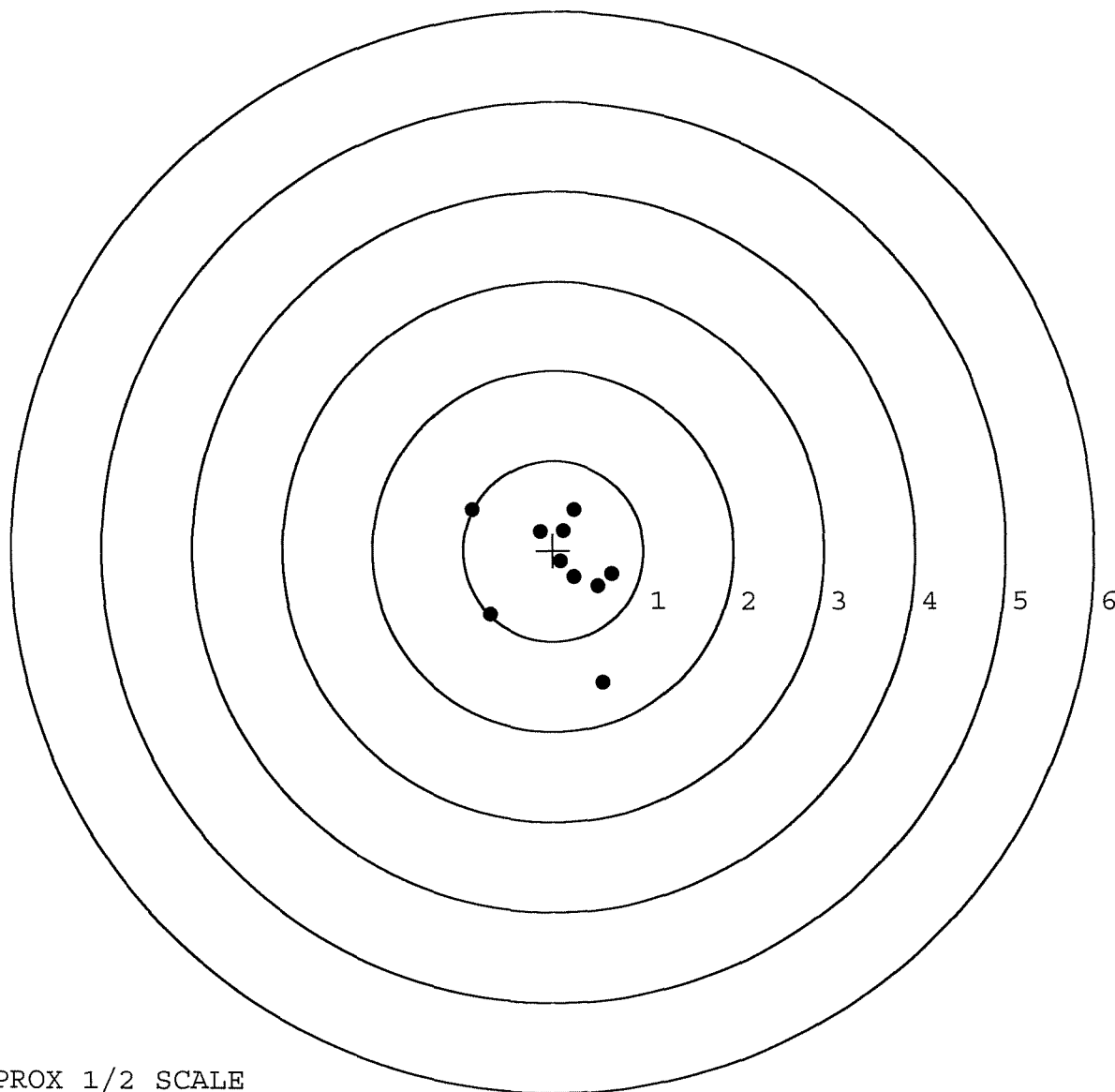


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611542. __0
 TARGET NUMBER: 4
 FILE DATE: 02/23/2005
 FILE TIME: 07:33

POINT#	X	Y
1:	0.551	-1.454
2:	-0.700	-0.713
3:	-0.905	0.450
4:	0.650	-0.254
5:	0.494	-0.390
6:	0.232	-0.299
7:	0.085	-0.123
8:	-0.146	0.211
9:	0.229	0.452
10:	0.108	0.214

X CENTROID: 0.060
 Y CENTROID: -0.191
 POA TO CENTROID: 0.200
 HORZ SPREAD: 1.555
 VERT SPREAD: 1.906
 GROUP SPREAD: 2.397
 MIN RADIUS: 0.072
 MAX RADIUS: 1.356
 MEAN RADIUS: 0.631
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



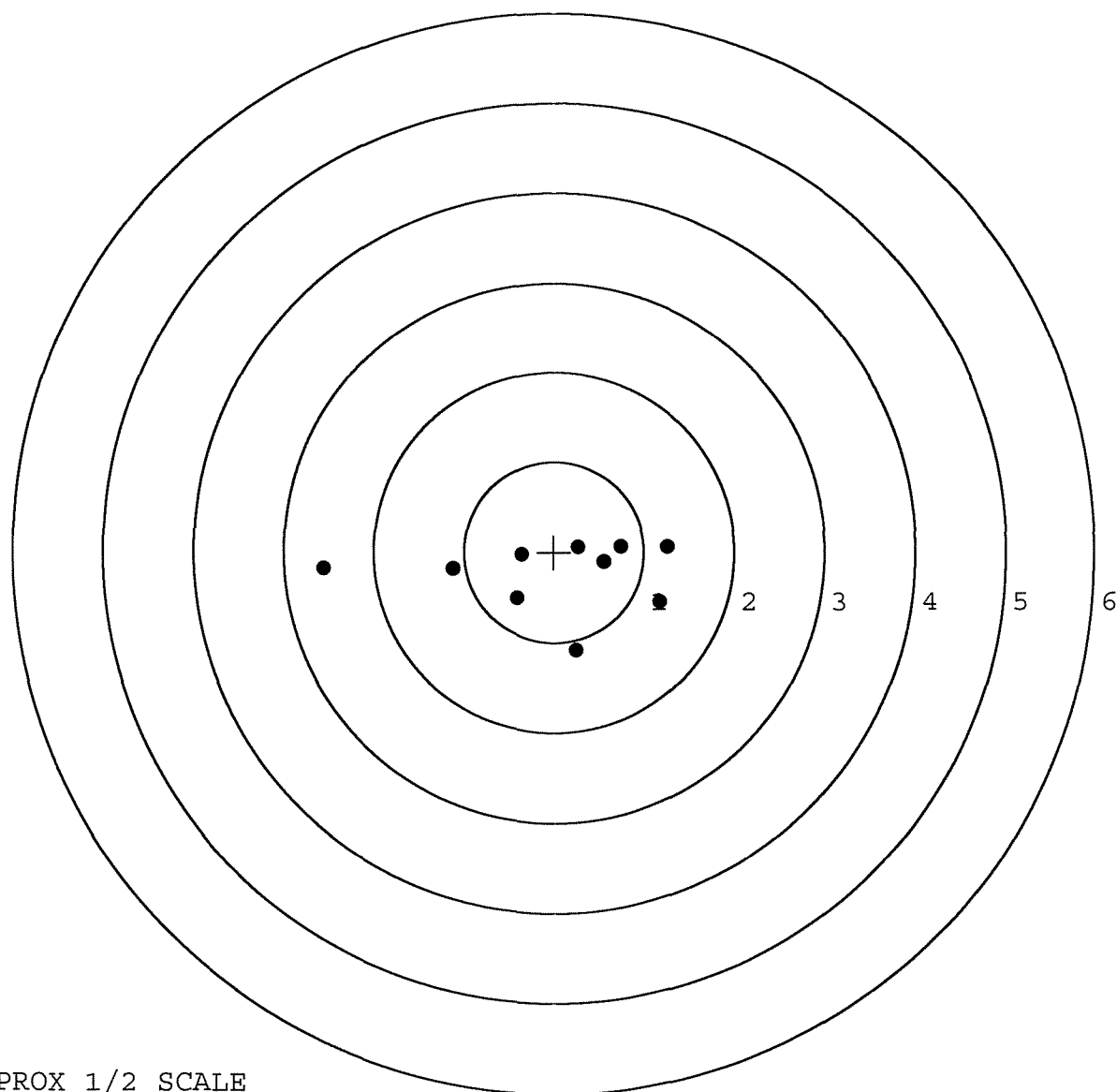
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611542. __0
 TARGET NUMBER: 5
 FILE DATE: 02/23/2005
 FILE TIME: 07:33

X CENTROID: -0.021
 Y CENTROID: -0.250
 POA TO CENTROID: 0.251
 HORZ SPREAD: 3.819
 VERT SPREAD: 1.154
 GROUP SPREAD: 3.827
 MIN RADIUS: 0.410
 MAX RADIUS: 2.538
 MEAN RADIUS: 0.981

POINT#	X	Y
1:	1.176	-0.559
2:	1.260	0.060
3:	0.244	-1.092
4:	-0.415	-0.509
5:	-0.366	-0.028
6:	-1.125	-0.191
7:	-2.559	-0.193
8:	0.744	0.062
9:	0.557	-0.109
10:	0.272	0.056

IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

Remington®

MODEL 700™ M24

DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6611542

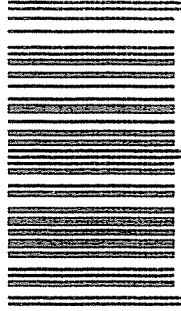
ORDER NO.
5716

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



5716 C6611542

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611542

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25 91		Rw
600	Proof	3 25 91		Rw
607	Check Headspace	3 25 91		Rw
610	Dis-assemble Gun	3 25 91		Rw
612	Magnaflux Barrel Action	3 28 91		KR
	Magnaflux Bolt	3 28 91		"
615	Rollmark Caliber	3 28 91		GL
617	Drill and Tap Sight Holes	APR	3 1991	LB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/16/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	Rw
	C) Inspect Ejector Hole for Chamfer		4/16/91	Rw
	D) Oil Firing Pin Ass'y		4/16/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		5/6/91	AL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/6/91	JS
	G) Safety Off Force	3	3	3			5/6/91	JS
	H) Trigger Pull Test & Retainability						5/6/91	JS
	I) Firing Pin Indent	10215	10215	10215			5/6/91	JS
	J) Assemble Stock						5/7/91	RW
	K) Assemble Swivel Studs						5-10-91	K
	L) Attach Front and Rear Sight Assemblies						5/7/91	RW
	M) Iron Sight Alignment						5/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/7/91	RW
	O) Attach Scope to Rifle						5/7/91	RW
	P) Detach & Attach Scope 20 Times						5/7/91	RW
640	Gallery Target & Test						5-7-91	AC
	A) Time						5-7-91	AC
	B) Malfunctions						5-7-91	AC
	C) Pierced Primers						5-7-91	AC
	D) Optical Clarity of Scope						5-7-91	AC
645	Inspect for Live Ammo						5-7-91	AC
655	Final Inspection							
	A) Headspace						5-10-91	K
	B) Trigger Pull	2.34	2.48	2.49	2.49	2.51	5/9/91	JS
	C) Function						5-10-91	K
660	Pack						6-17-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611542

DATE 5/6/91

TESTER Jell

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.42	2.38	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.41	2.45	2.48	
PULL #3	2.43	2.42	2.40	2.49	
PULL #4	2.41	2.18	2.41	2.49	
PULL #5	2.35	2.40	2.41	2.51	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.62	3.25		
PULL #2	3.49	3.24		
PULL #3	3.50	3.37		
PULL #4	3.34	3.30		
PULL #5	3.26	3.32		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.41		4.47
PULL #2	4.37	4.43		4.40
PULL #3	4.43	4.41		4.14
PULL #4	4.37	4.44		4.46
PULL #5	4.27	4.48		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611542
7 May 1991

CENTROIDAL DISTANCES

0 TO	1	.194
1 TO	2	.213841
1 TO	3	.284543
1 TO	4	.180624
1 TO	5	.0735935

+3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2124
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2548
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .331718
THE AMR FOR THIS RIFLE IS: .998

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611542

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.192

VS = 2.832

GS = 3.142

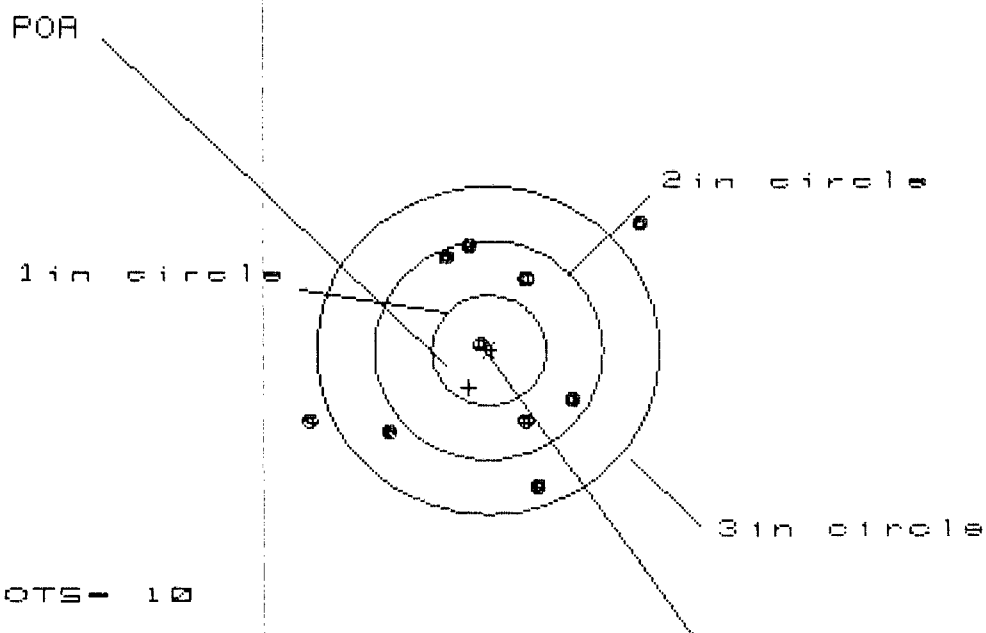
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.909	.767	.731
MINIMUM X	:	-1.283	-.716	-.752
MAXIMUM Y	:	1.343	1.205	1.002
MINIMUM Y	:	-1.489	-1.627	-1.154
CENTROID X	:	.144	.286	.322
CENTROID Y	:	.130	.268	.471
POA TO CENTROID in.	:	.194	.392	.571
MIN RADIUS	:	.228	.062	.158
MEAN RADIUS	:	.940	.789	.688
MAX RADIUS	:	1.783	1.652	1.155
HORIZONTAL SPREAD	:	2.192	1.483	1.483
VERTICAL SPREAD	:	2.832	2.832	2.156
EXTREME SPREAD	:	3.142	2.906	2.186
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611542

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.868

VS= 2.311

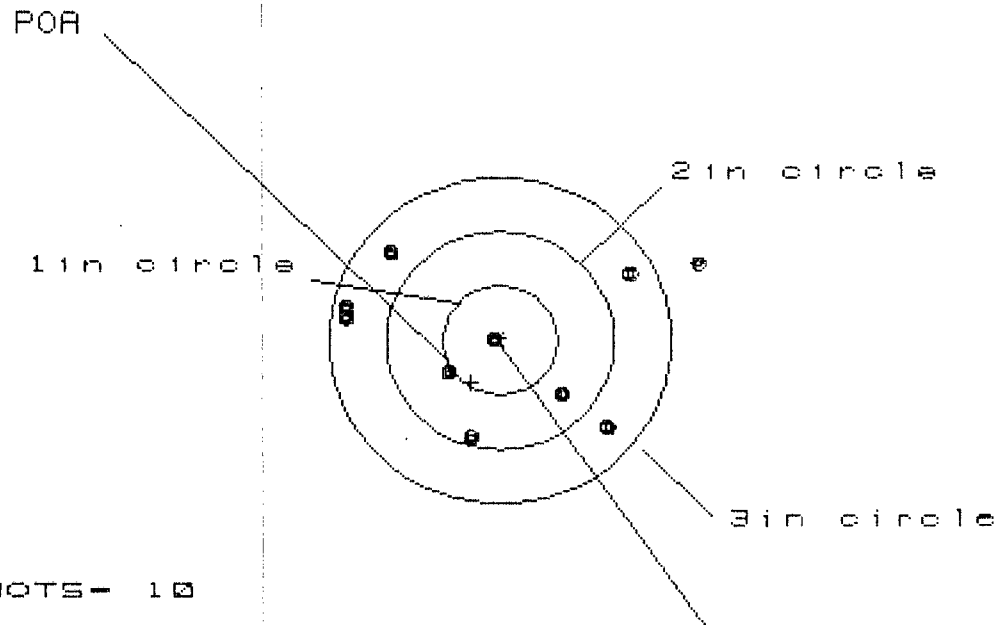
GS= 3.347

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.284	.840	.660
MINIMUM X	:	-1.584	-1.441	-.926
MAXIMUM Y	:	1.118	1.082	1.022
MINIMUM Y	:	-1.193	-1.069	-1.129
CENTROID X	:	.172	.029	.209
CENTROID Y	:	.342	.218	.278
POA TO CENTROID in.	:	.382	.219	.348
MIN RADIUS	:	.149	.214	.219
MEAN RADIUS	:	1.014	.945	.847
MAX RADIUS	:	1.703	1.520	1.199
HORIZONTAL SPREAD	:	2.868	2.281	1.586
VERTICAL SPREAD	:	2.311	2.151	2.151
EXTREME SPREAD	:	3.347	2.284	2.232
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611542

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 3.157

VS = 1.690

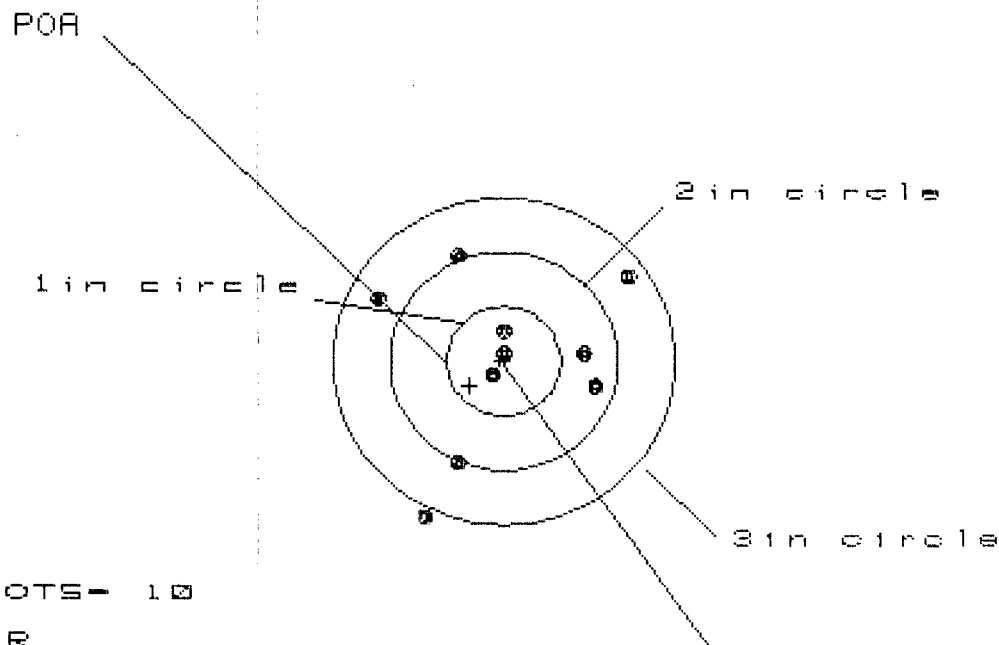
GS = 3.212

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.753	1.356	1.205
MINIMUM X	-1.404	-1.209	-1.299
MAXIMUM Y	.761	.844	.875
MINIMUM Y	-.929	-.846	-.815
CENTROID X	.255	.060	.211
CENTROID Y	.392	.309	.278
POA TO CENTROID in.	.467	.314	.349
MIN RADIUS	.087	.126	.101
MEAN RADIUS	1.080	.959	.917
MAX RADIUS	1.907	1.503	1.382
HORIZONTAL SPREAD	3.157	2.565	2.504
VERTICAL SPREAD	1.690	1.690	1.690
EXTREME SPREAD	3.212	2.597	2.536
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 9		

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611542

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS = 2.262

VS = 2.389

GS = 2.915

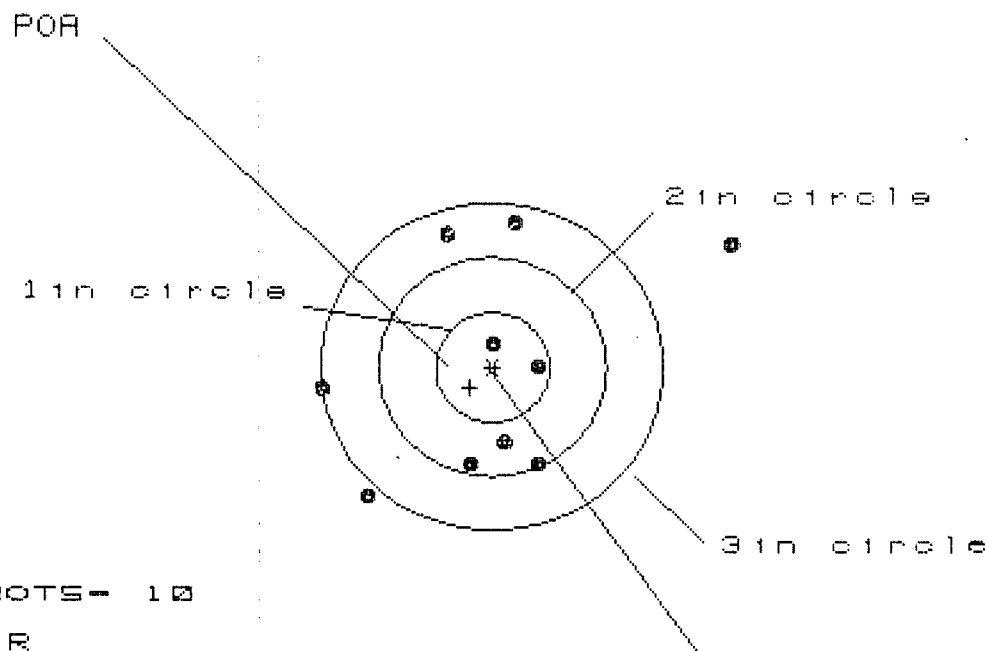
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.138	1.059	.851
MINIMUM X	:	-1.124	-1.203	-1.071
MAXIMUM Y	:	.949	.789	.871
MINIMUM Y	:	-1.440	-1.105	-1.023
CENTROID X	:	.297	.376	.244
CENTROID Y	:	.226	.386	.304
POA TO CENTROID in.	:	.374	.539	.390
MIN RADIUS	:	.075	.104	.097
MEAN RADIUS	:	.833	.737	.668
MAX RADIUS	:	1.604	1.273	1.180
HORIZONTAL SPREAD	:	2.262	2.262	1.922
VERTICAL SPREAD	:	2.389	1.894	1.894
EXTREME SPREAD	:	2.915	2.311	2.093
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611542

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 3.598

VS= 2.486

GS= 3.950

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.094	.652	.539
MINIMUM X	-1.504	-1.272	-1.385
MAXIMUM Y	1.311	1.432	1.300
MINIMUM Y	-1.175	-1.054	-.932
CENTROID X	.194	-.038	.075
CENTROID Y	.184	.063	.195
POA TO CENTROID in.	.268	.074	.209
MIN RADIUS	.198	.375	.205
MEAN RADIUS	1.123	.989	.914
MAX RADIUS	2.361	1.506	1.401
HORIZONTAL SPREAD	3.598	1.924	1.924
VERTICAL SPREAD	2.486	2.486	2.232
EXTREME SPREAD	3.950	2.842	2.303
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	