

G 6300594
Replac
C-6225576

Repair Inquiry																							
Repair Number: RE00120746		Serial: G6300594 Model M24 SWS Center Fire Caliber: 7.62 NATO		Repairman: _____																			
Verify Repair				Status: New 11/27/2006 11:43:24 AM																			
Address Information																							
Customer: _____		☒ Received From		Return To: _____ ☐ Received From																			
Name: SFC KIRCHNER				SFC KIRCHNER																			
Address 1: HSC 1/7 SFG (A)				HSC 1/7 SFG (A)																			
Address 2: BLDG E-3622 JUST CAUSE DR		PO Box: _____		BLDG E-3622 JUST CAUSE DR PO Box: _____																			
City: FORT BRAGG				FORT BRAGG																			
State: NC Zip Code: 28310		Country: US		State: NC Zip Code: 28310 Country: US																			
FFL: _____																							
Contact / Condition		Problems		Estimate																			
History / Status		Shipping / Billing																					
Contact Information		Received Condition		Accessories Received																			
Phone: NA		Fair		<table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A007</td><td>With Stud</td><td>3</td></tr><tr><td>A010</td><td>Hard Case</td><td>1</td></tr><tr><td>A045</td><td>Bi Pod</td><td>1</td></tr><tr><td>A057</td><td>Fit and Rear Sgt Base</td><td>1</td></tr><tr><td>D000</td><td>MARS RAIL</td><td>1</td></tr></tbody></table>		Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A045	Bi Pod	1	A057	Fit and Rear Sgt Base	1	D000	MARS RAIL	1
Code	Desc	Qty																					
A007	With Stud	3																					
A010	Hard Case	1																					
A045	Bi Pod	1																					
A057	Fit and Rear Sgt Base	1																					
D000	MARS RAIL	1																					
Fax: _____		Condition Notes: _____																					
Email: _____		CSR Notes: _____																					
Comments: _____																							
Repair Search		Refresh		Close																			
nagletj		11/27/2006		1:30 PM																			
CAPS		NUM		INS																			
SCRL																							

5 Mic... 4 Int... 2 Mic... Part S... Arms S... Stock...

Serial Number: **G6300594**
Model: **M24 SWS**

RE00120746

SNIPER WEAPON SYSTEM-- UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300594.___0
FILE DATE AND TIME: 12/13/2006 05:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.070
The Average Y Centroid of the Five Target Set:	0.006
The Average Point of Impact of the Five Target Set:	0.071
The Average Mean Radius of the Five Target Set:	0.681
The Distance from POA to Centroid Target #1:	0.129
The Distance from Centroid Target #2 to Centroid Target #1:	0.231
The Distance from Centroid Target #3 to Centroid Target #1:	0.164
The Distance from Centroid Target #4 to Centroid Target #1:	0.217
The Distance from Centroid Target #5 to Centroid Target #1:	0.176

SERIAL NUMBER: G6300594. __0

TARGET NUMBER: 1

FILE DATE: 12/13/2006

FILE TIME: 05:30

POINT#	X	Y
1:	0.882	-1.079
2:	0.636	-0.799
3:	0.452	-0.205
4:	0.108	0.134
5:	-0.090	-0.042
6:	-0.590	-0.531
7:	-0.927	0.285
8:	-1.466	0.808
9:	0.052	0.754
10:	-0.334	0.485

X CENTROID: -0.128

Y CENTROID: -0.019

POA TO CENTROID: 0.129

HORZ SPREAD: 2.348

VERT SPREAD: 1.887

GROUP SPREAD: 3.012

MIN RADIUS: 0.044

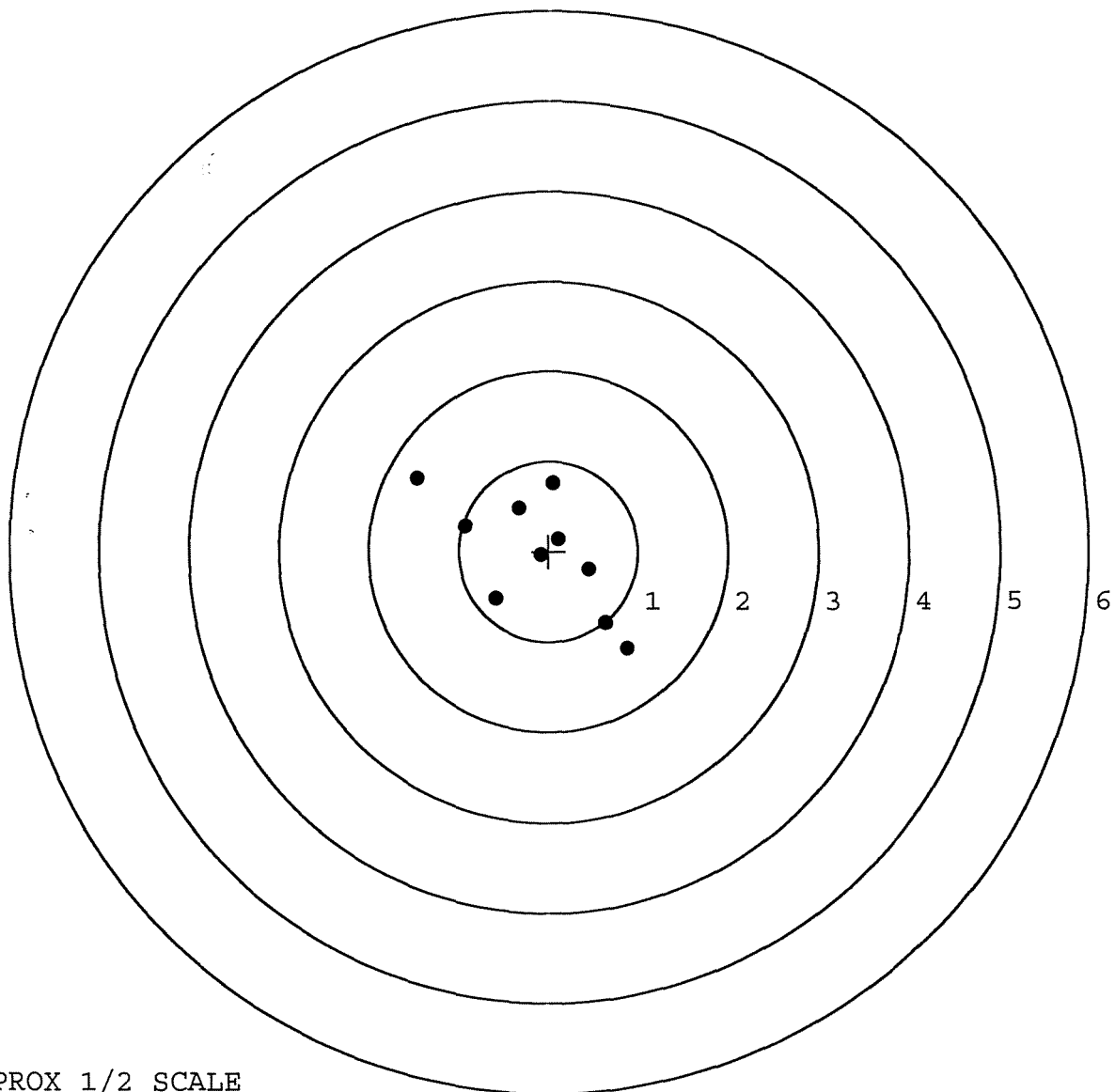
MAX RADIUS: 1.573

MEAN RADIUS: 0.795

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

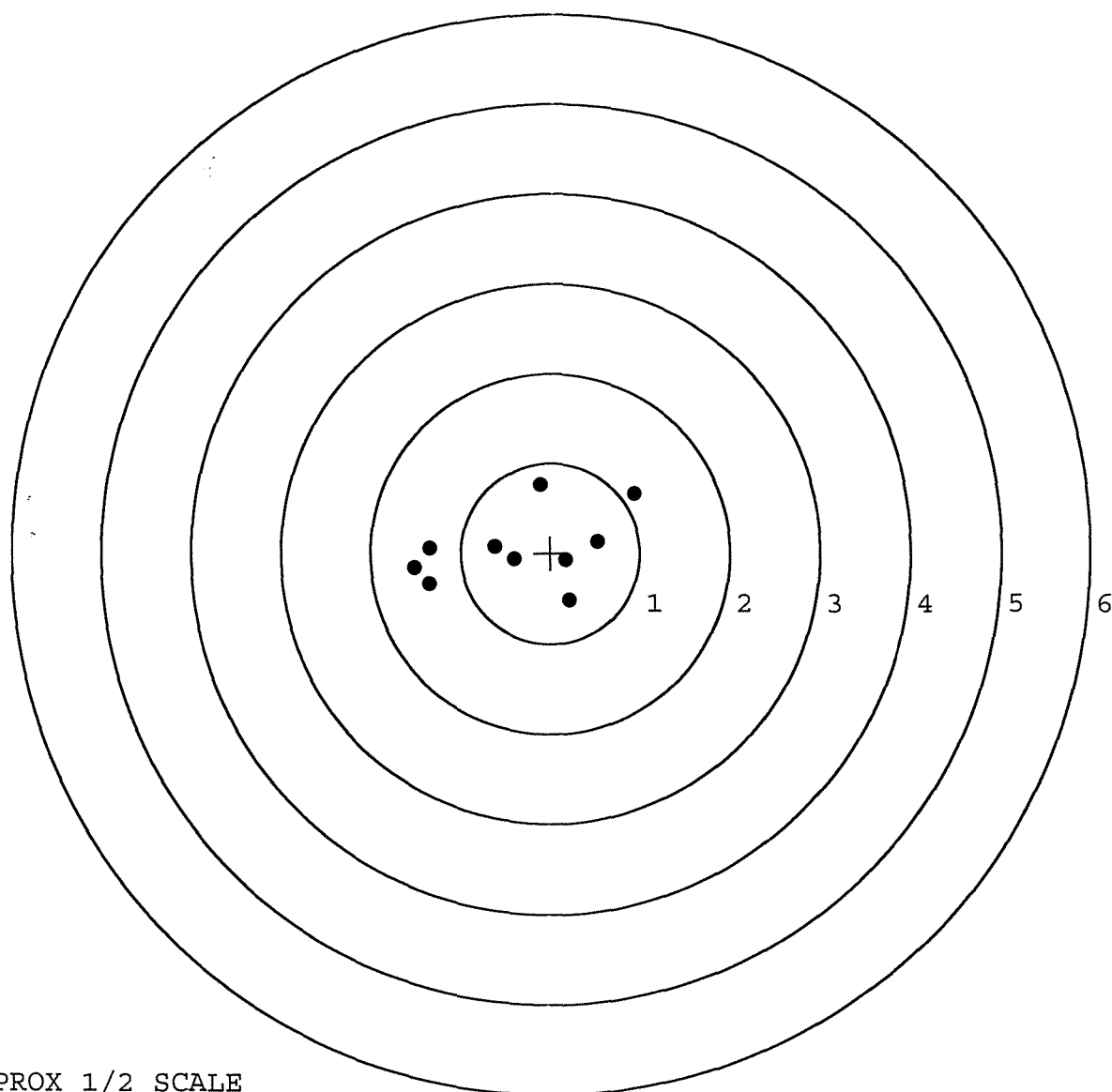


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. __0
TARGET NUMBER: 2
FILE DATE: 12/13/2006
FILE TIME: 05:30

POINT#	X	Y
1:	-0.116	0.759
2:	0.937	0.662
3:	0.532	0.133
4:	0.173	-0.086
5:	0.216	-0.522
6:	-0.409	-0.071
7:	-0.621	0.068
8:	-1.346	-0.353
9:	-1.517	-0.168
10:	-1.343	0.052

X CENTROID: -0.349
Y CENTROID: 0.047
POA TO CENTROID: 0.353
HORZ SPREAD: 2.454
VERT SPREAD: 1.281
GROUP SPREAD: 2.591
MIN RADIUS: 0.133
MAX RADIUS: 1.426
MEAN RADIUS: 0.806
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

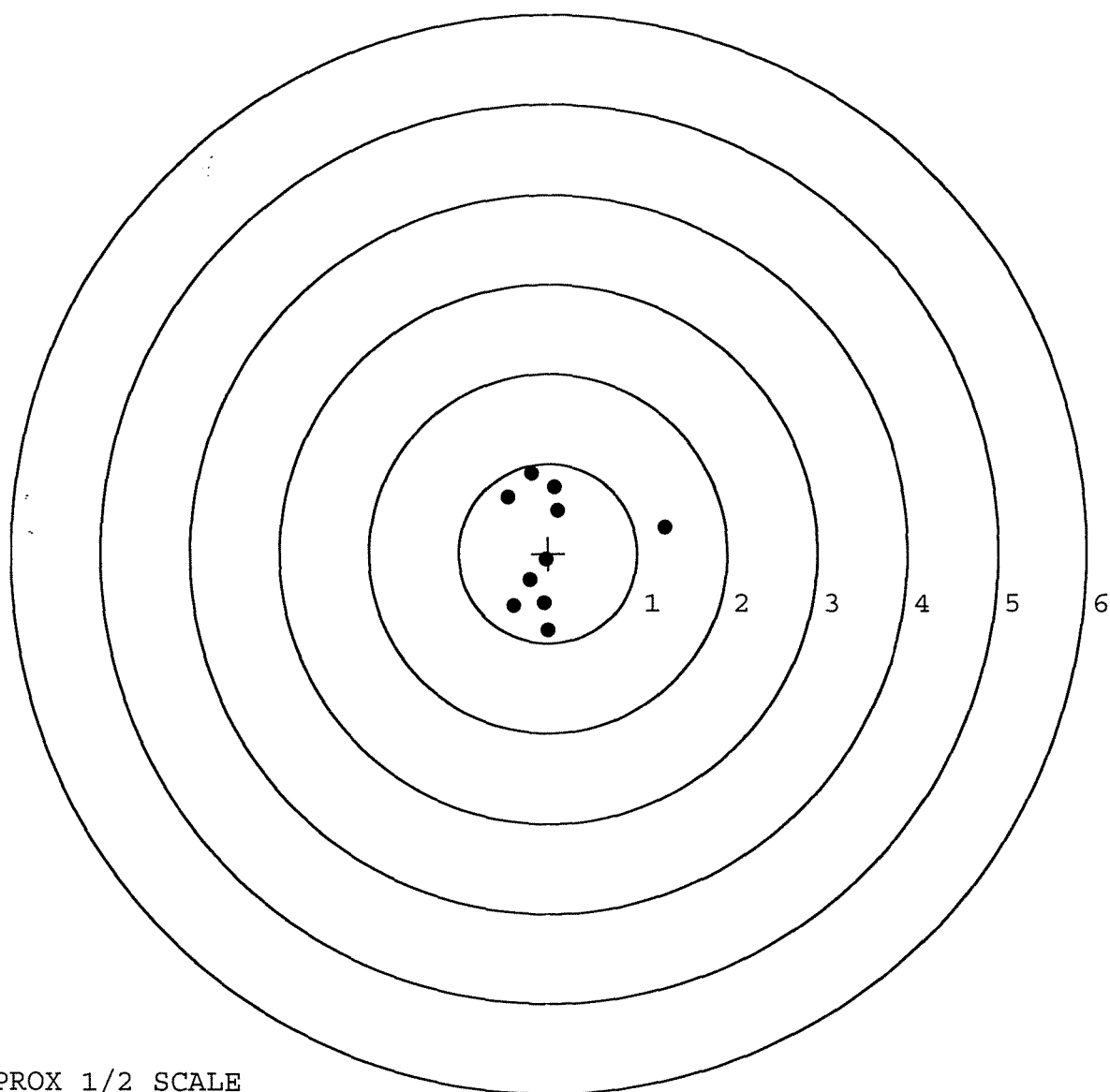


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. __ 0
TARGET NUMBER: 3
FILE DATE: 12/13/2006
FILE TIME: 05:30

POINT#	X	Y
1:	1.301	0.299
2:	0.106	0.478
3:	0.070	0.735
4:	-0.200	0.888
5:	-0.460	0.621
6:	-0.003	-0.860
7:	-0.391	-0.588
8:	-0.032	-0.073
9:	-0.205	-0.298
10:	-0.051	-0.559

X CENTROID: 0.014
Y CENTROID: 0.064
POA TO CENTROID: 0.066
HORZ SPREAD: 1.761
VERT SPREAD: 1.748
GROUP SPREAD: 1.910
MIN RADIUS: 0.145
MAX RADIUS: 1.309
MEAN RADIUS: 0.687
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. __0

TARGET NUMBER: 4

FILE DATE: 12/13/2006

FILE TIME: 05:30

POINT#	X	Y
1:	-1.027	0.448
2:	-0.067	0.503
3:	-0.529	0.100
4:	-0.109	-0.297
5:	0.565	0.376
6:	0.199	0.091
7:	0.356	-0.115
8:	0.701	-0.142
9:	0.259	-0.717
10:	0.477	0.117

X CENTROID: 0.082

Y CENTROID: 0.036

POA TO CENTROID: 0.090

HORZ SPREAD: 1.728

VERT SPREAD: 1.220

GROUP SPREAD: 1.826

MIN RADIUS: 0.129

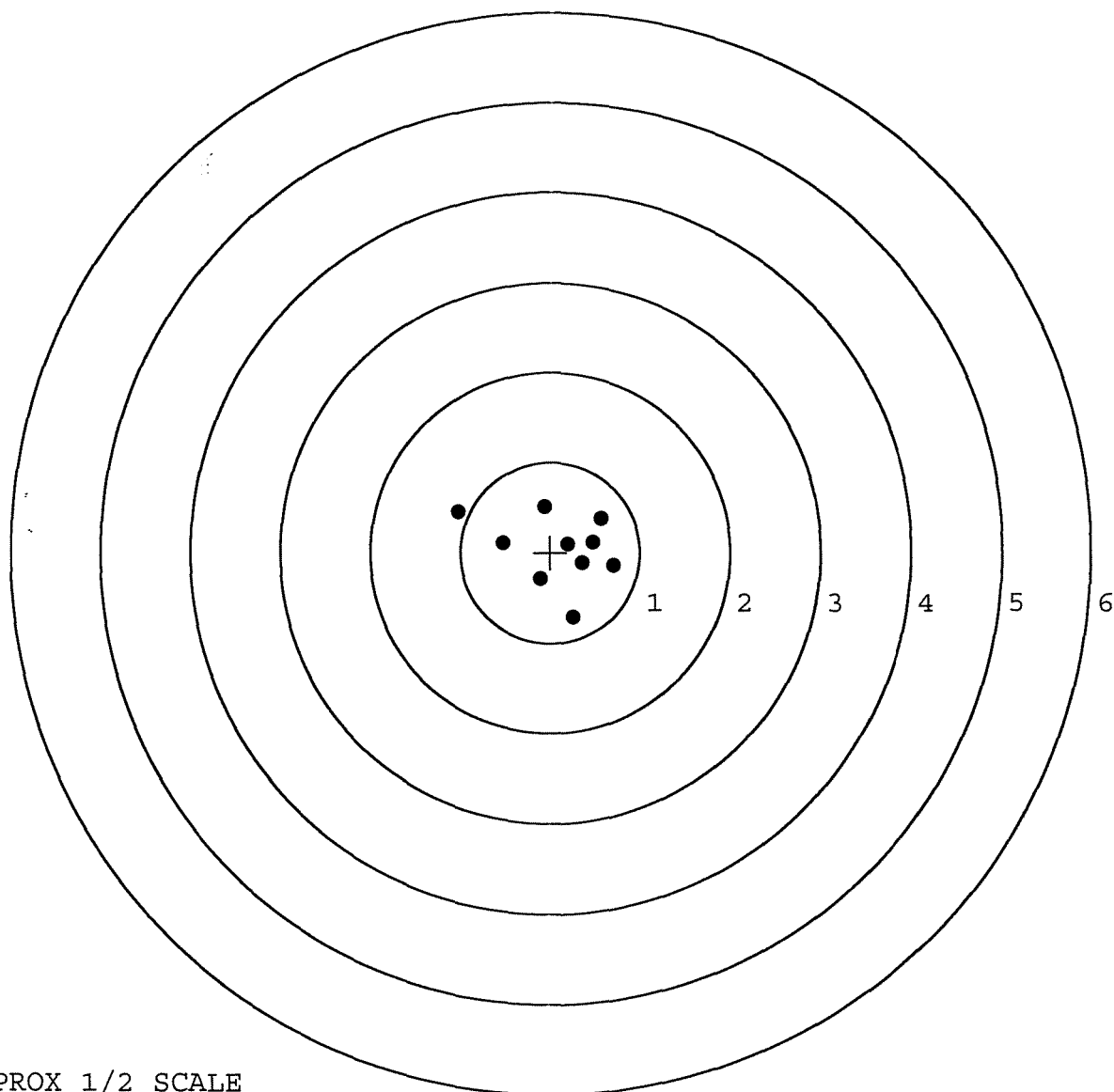
MAX RADIUS: 1.183

MEAN RADIUS: 0.552

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. __0

TARGET NUMBER: 5

FILE DATE: 12/13/2006

FILE TIME: 05:30

POINT#	X	Y
1:	-0.487	-0.438
2:	0.221	-0.606
3:	0.360	-0.811
4:	-1.016	0.226
5:	-0.220	0.295
6:	-0.045	0.495
7:	0.196	0.183
8:	0.232	-0.146
9:	0.631	-0.197
10:	0.424	0.025

X CENTROID: 0.030

Y CENTROID: -0.097

POA TO CENTROID: 0.102

HORZ SPREAD: 1.647

VERT SPREAD: 1.306

GROUP SPREAD: 1.723

MIN RADIUS: 0.208

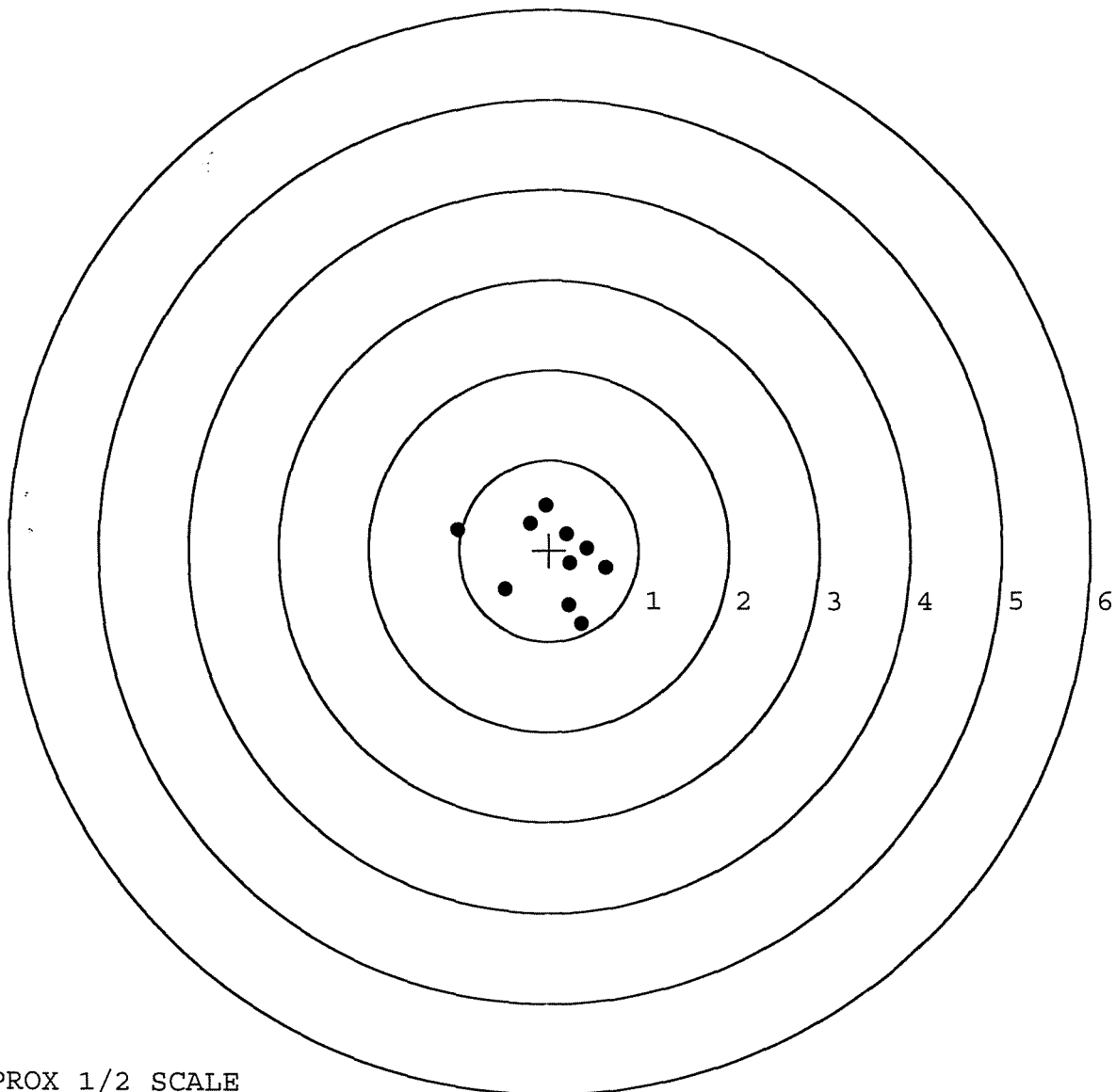
MAX RADIUS: 1.094

MEAN RADIUS: 0.566

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	120746			
SERIAL NUMBER	66300594			
LOG-IN DATE	11-27-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-28-06	RTZ
505	RE-BARREL		11-30-06	RTZ
420	ASSEMBLE		12-4-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED	12-4-06	TRW
460	CHECK HEADSPACE	DEC 05 2006	12-4-06	TRW
470	DIS-ASSEMBLE GUN		12-4-06	BLG
480	MAGNAFLUX	OPERATOR APD	12-5-06	APD
510	DRILL AND TAP		12-4-06	SD
500	ROLLMARK CALIBER		12-5-06	CW
520	GOFF BLAST BBL / REC		12/5/06	RS
530 & 540	APPLY COATINGS		12/7/06	RB
560	FINAL ASSEMBLY		12-11-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	12-12-06	TRW
650	TARGET	PASS FAIL	12-12-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	12-12-06	RP
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	12-16-06	BLG
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.44 2.47 2.54 2.54 2.55	BLG
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5° 5° 5° 12-14-06	RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	2.58 2.58 2.58 12-14-06	RTZ
	I) FIRING PIN INDENT	.020	.025 .024 .024 12/14/06	RTZ
690	PACK		12-19-06	DA
F006 REV 5/2006				

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

start C 4 Q 2 P F D S

M2400162733

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300594.___0
FILE DATE AND TIME: 04/08/2004 06:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.088
The Average Y Centroid of the Five Target Set:	0.009
The Average Point of Impact of the Five Target Set:	0.089
The Average Mean Radius of the Five Target Set:	0.798
The Distance from POA to Centroid Target #1:	0.210
The Distance from Centroid Target #2 to Centroid Target #1:	0.283
The Distance from Centroid Target #3 to Centroid Target #1:	0.151
The Distance from Centroid Target #4 to Centroid Target #1:	0.241
The Distance from Centroid Target #5 to Centroid Target #1:	0.236

SERIAL NUMBER: G6300594. __0

TARGET NUMBER: 1

FILE DATE: 04/08/2004

FILE TIME: 06:06

POINT#	X	Y
1:	0.959	-0.393
2:	0.528	-0.497
3:	-0.380	-0.828
4:	-0.675	-0.986
5:	-0.201	-0.115
6:	0.529	0.517
7:	-1.239	0.617
8:	-1.115	-0.231
9:	-0.248	0.453
10:	0.358	-0.021

X CENTROID: -0.148

Y CENTROID: -0.148

POA TO CENTROID: 0.210

HORZ SPREAD: 2.198

VERT SPREAD: 1.603

GROUP SPREAD: 2.419

MIN RADIUS: 0.062

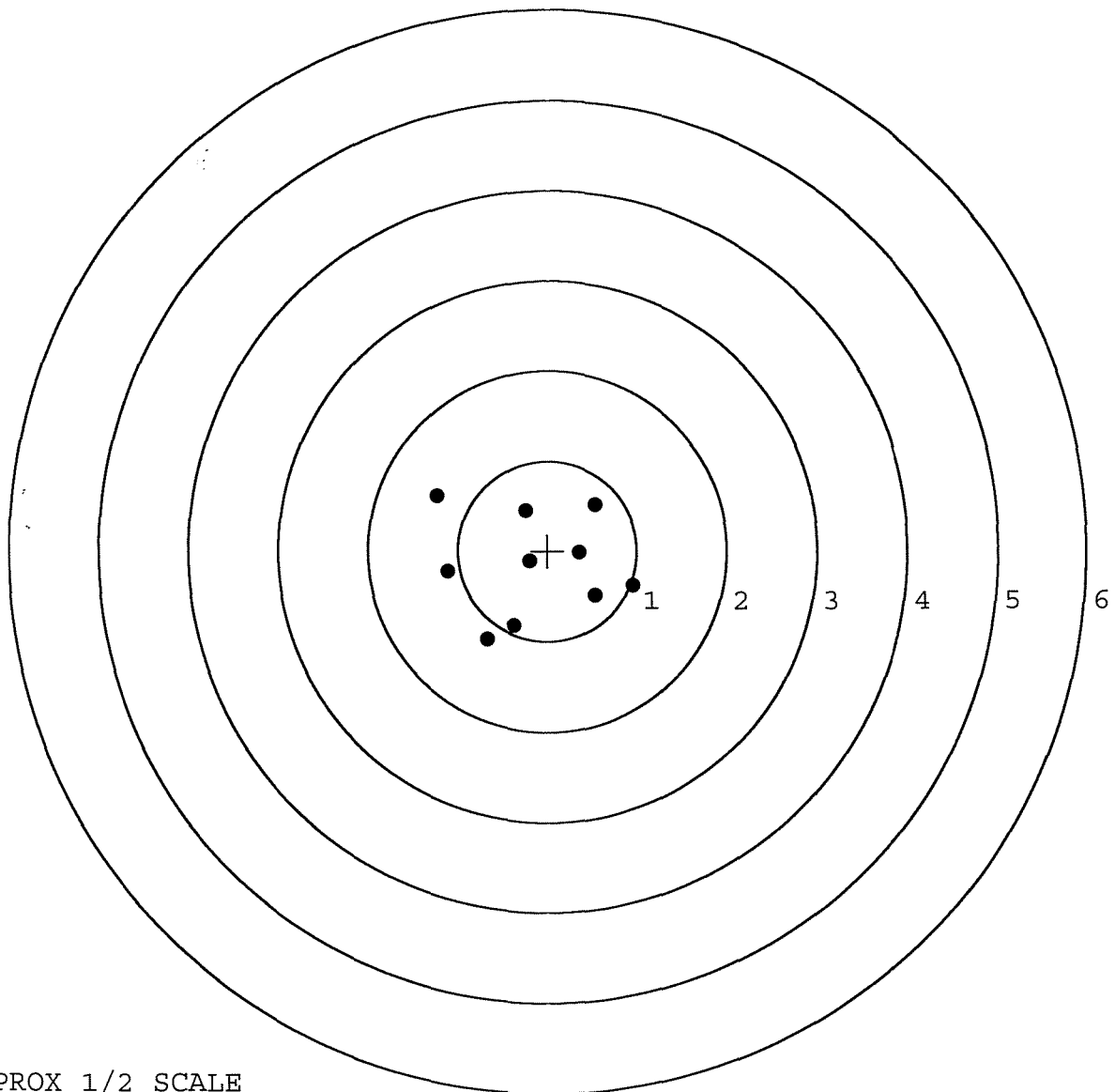
MAX RADIUS: 1.332

MEAN RADIUS: 0.805

IN 1 IN DIAMETER: 1

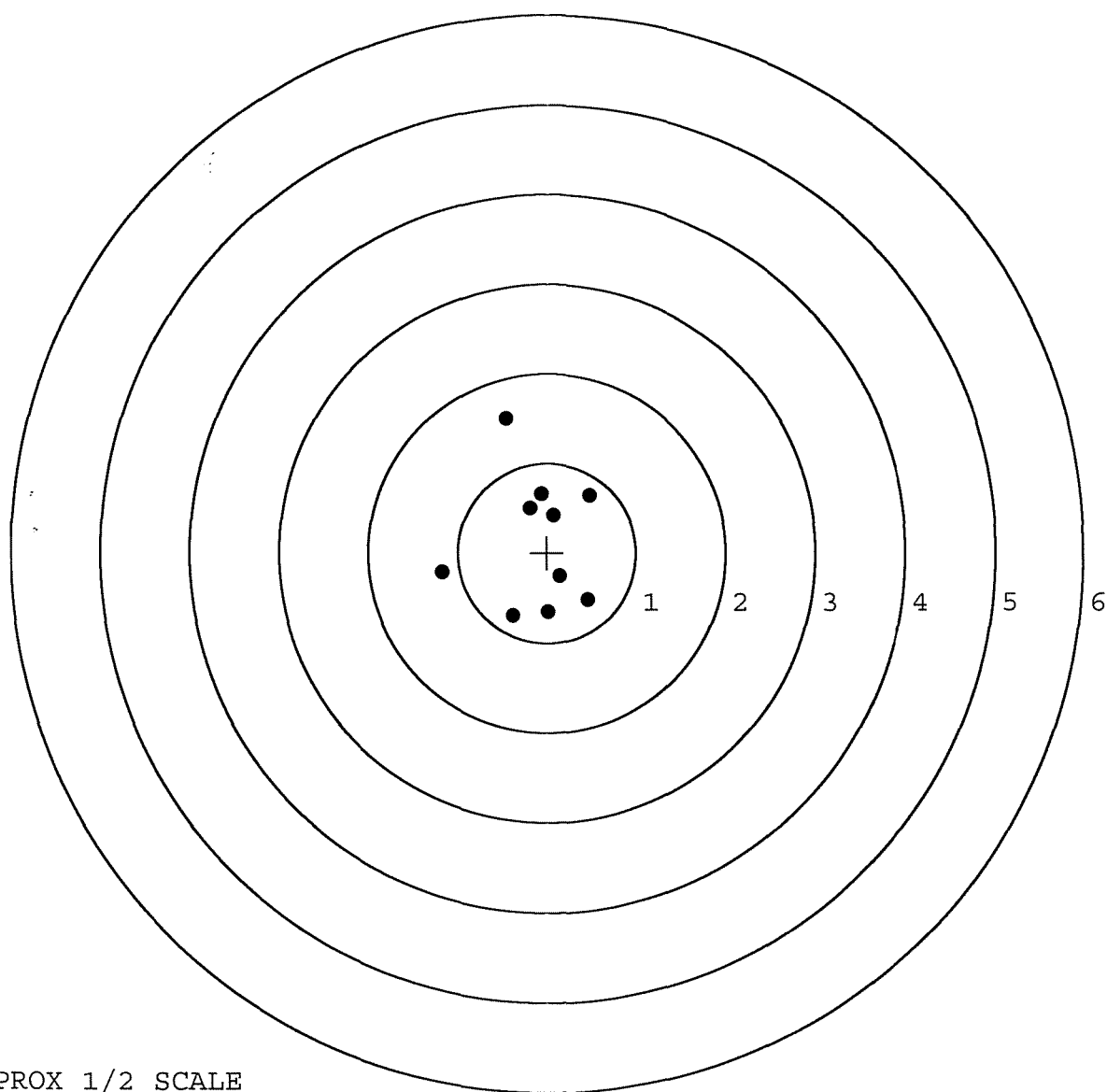
IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	0.478	0.641
FILE DATE: 04/08/2004	2:	-0.472	1.495
FILE TIME: 06:06	3:	-1.176	-0.223
	4:	-0.390	-0.701
X CENTROID: -0.115	5:	-0.072	0.654
Y CENTROID: 0.132	6:	0.069	0.417
POA TO CENTROID: 0.176	7:	-0.199	0.495
HORZ SPREAD: 1.654	8:	0.459	-0.526
VERT SPREAD: 2.196	9:	0.007	-0.664
GROUP SPREAD: 2.225	10:	0.144	-0.263
MIN RADIUS: 0.339			
MAX RADIUS: 1.408			
MEAN RADIUS: 0.757			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. __0

TARGET NUMBER: 3

FILE DATE: 04/08/2004

FILE TIME: 06:06

POINT#	X	Y
1:	1.173	-0.047
2:	0.696	-0.482
3:	-0.265	-1.387
4:	0.539	0.776
5:	-0.567	0.858
6:	-0.299	0.494
7:	-0.334	0.152
8:	-0.137	-0.285
9:	-0.341	-0.365
10:	-0.658	-0.415

X CENTROID: -0.019

Y CENTROID: -0.070

POA TO CENTROID: 0.073

HORZ SPREAD: 1.831

VERT SPREAD: 2.245

GROUP SPREAD: 2.308

MIN RADIUS: 0.245

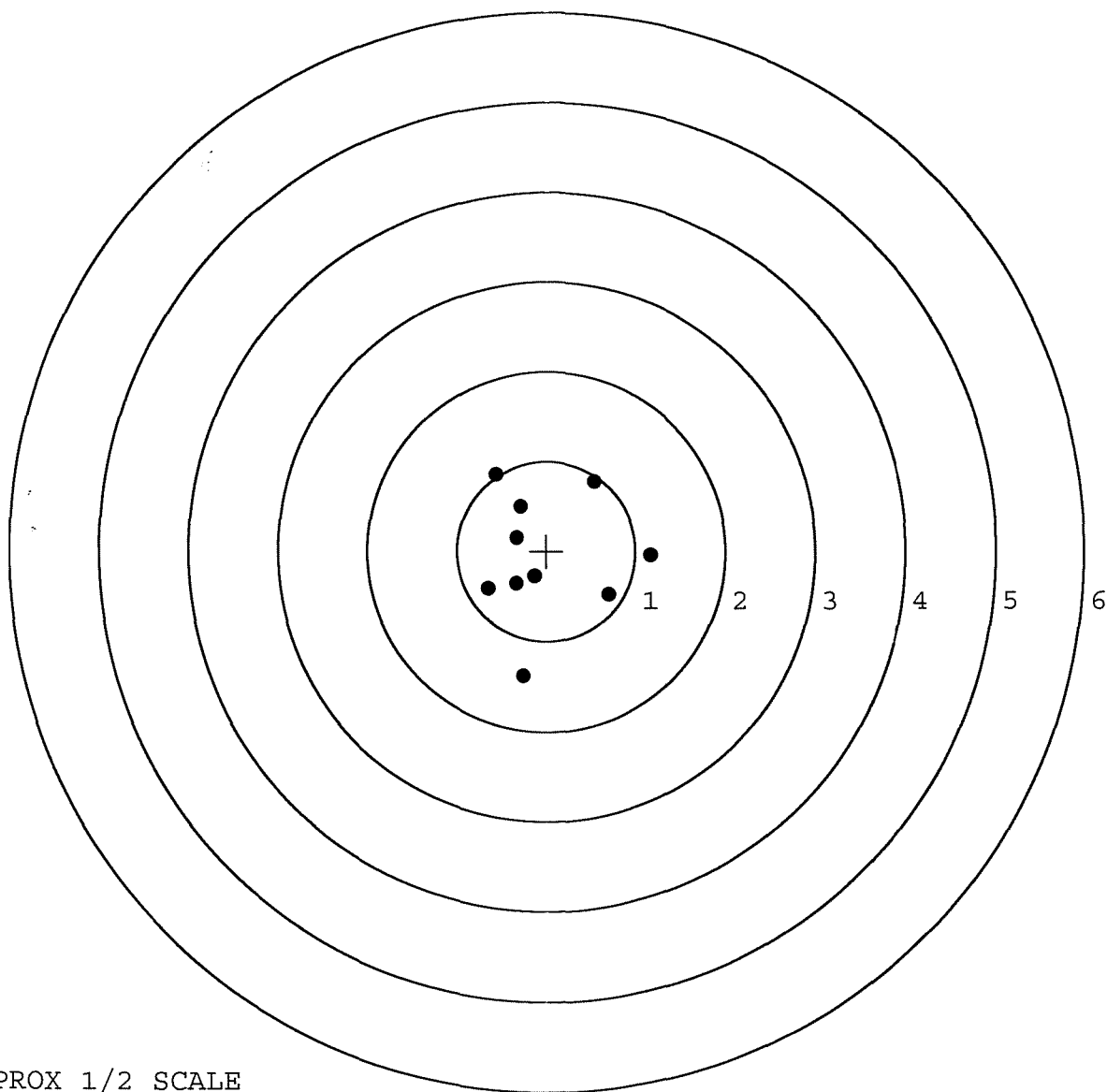
MAX RADIUS: 1.340

MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. __0

TARGET NUMBER: 4

FILE DATE: 04/08/2004

FILE TIME: 06:06

POINT#	X	Y
1:	0.727	-1.271
2:	0.675	-0.575
3:	0.509	-0.406
4:	-0.217	-0.564
5:	-0.055	-0.392
6:	-0.316	-0.037
7:	-1.054	0.272
8:	-0.662	1.211
9:	-0.073	1.054
10:	0.421	1.160

X CENTROID: -0.005

Y CENTROID: 0.045

POA TO CENTROID: 0.045

HORZ SPREAD: 1.781

VERT SPREAD: 2.482

GROUP SPREAD: 2.844

MIN RADIUS: 0.322

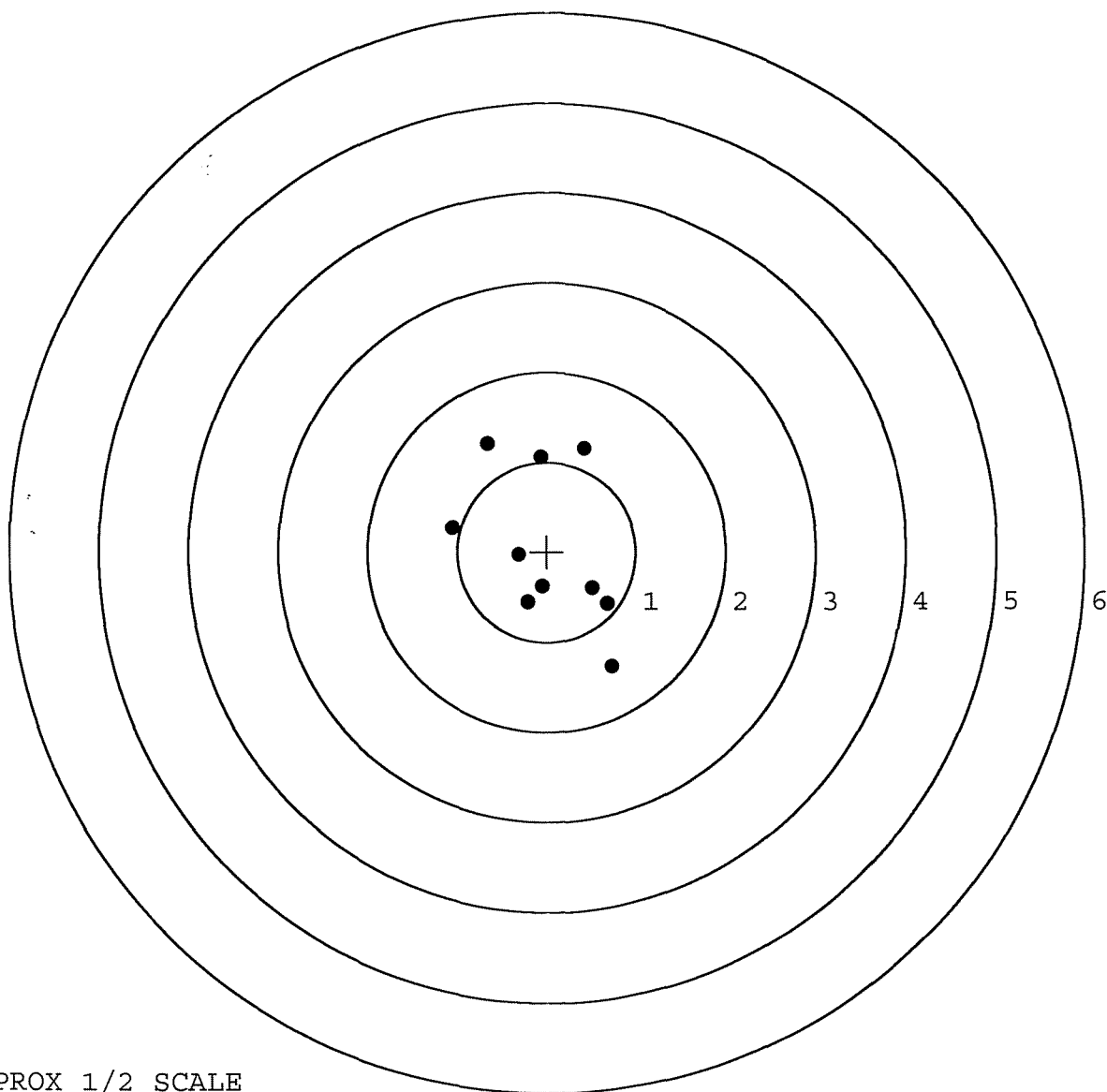
MAX RADIUS: 1.506

MEAN RADIUS: 0.913

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. __0

TARGET NUMBER: 5

FILE DATE: 04/08/2004

FILE TIME: 06:06

POINT#	X	Y
1:	0.382	0.613
2:	-0.005	1.078
3:	-0.614	0.875
4:	-1.280	0.656
5:	0.073	-0.884
6:	0.433	-0.387
7:	0.123	-0.243
8:	-0.044	-0.294
9:	-0.344	-0.242
10:	-0.261	-0.301

X CENTROID: -0.154

Y CENTROID: 0.087

POA TO CENTROID: 0.177

HORZ SPREAD: 1.713

VERT SPREAD: 1.962

GROUP SPREAD: 2.050

MIN RADIUS: 0.380

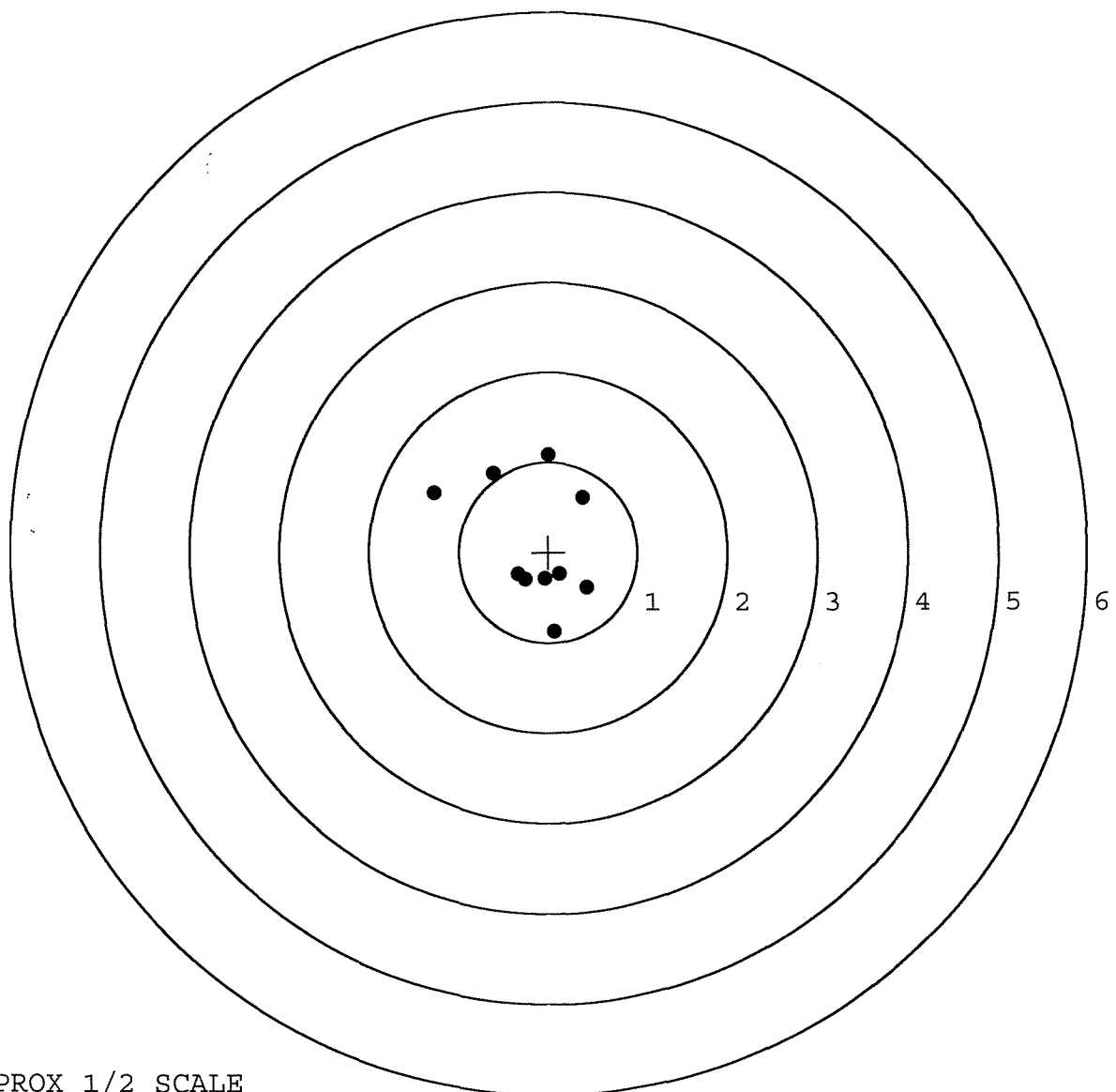
MAX RADIUS: 1.262

MEAN RADIUS: 0.729

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	78351		
SERIAL NUMBER	C6225576	C6300 ⁵⁹⁴ 515	(New)
LOG-IN DATE	3-8-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-8-04	RTL
560 A	RE-BARREL	3-9-04	RTL
B	DRILL AND TAP	3-15-04	TRW
575	ASSEMBLE	3-9-04	RTL
600	PROOF	3-9-04	TRW
605	CHECK HEADSPACE	3-9-04	RTL
610	DIS-ASSEMBLE GUN	3-9-04	RTL
612	MAGNAFLUX	3-9-04	RTL
615	ROLLMARK CALIBER	3-9-04	RTL
618	ROTO-BLAST	3/16/2004	Dans.
620	APPLY COATINGS	3-19	TA
625 A	FINAL ASSEMBLY	3-22-04	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-25-04	RTL
655	FINAL INSPECT	4-6-04	RTL
660	PACK	4-7-04	RA
		SHIP DATE	
	QAR INSPECTION DATE		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225576

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9	8 8	RW
600	Proof	12 9	8 8	RW
607	Check Headspace	12 9	8 8	RW
610	Dis-assemble Gun	12 9	8 8	RW
612	Magnaflux Barrel Action		12 22 88	RJC.
	Magnaflux Bolt		1-3-89	RJC
615	Rollmark Caliber		12/22/88	W.S.C.
617	Drill and Tap Sight Holes	1 3	8 9	FB
618	Polish Barrel	12 2	8 8	WJT
620	Apply Coatings (Barrel Action)		1-18-89	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/2/89	RW
	C) Inspect Ejector Hole for Chamfer		2/2/89	RW
	D) Oil Firing Pin Ass'y		2/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/2/89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			6/26/89	JS
	G) Safety Off Force	3	3	3			6/26/89	JS
	H) Trigger Pull Test & Retainability						2/26/89	JS
	I) Firing Pin Indent	.020	.0205	.021			6/26/89	JS
	J) Assemble Stock						2/9/89	RW
	K) Assemble Swivel Studs						15/26/89	JS
	L) Attach Front and Rear Sight Assemblies						2/9/89	RW
	M) Iron Sight Alignment						2/9/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/9/89	RW
	O) Attach Scope to Rifle						10/31/89	JS
	P) Detach & Attach Scope 20 Times						10/31/89	JS
640	Gallery Target & Test	82 R	776				2/14/89	DH
	A) Time						2/14/89	DH
	B) Malfunctions						2/14/89	DH
	C) Pierced Primers						2/14/89	DH
	D) Optical Clarity of Scope						2/14/89	DH
645	Inspect for Live Ammo						2/14/89	DH
655	Final Inspection							
	A) Headspace						15/26/89	JS
	B) Trigger Pull	2.57	2.59	2.48	2.46	2.47	15/26/89	JS
	C) Function						15/26/89	JS
660	Pack						22/16/89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 5596DATE 4/3/90TESTER D.H.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.98	2.46	2.36		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.41	2.41		
PULL #3	2.49	2.39	2.33		
PULL #4	2.41	2.29	2.41		
PULL #5	2.44	2.47	2.27		
TOTAL	12.12	12.02	11.78		
AVG.	2.42	2.41	2.35		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.15		
PULL #2	3.06	3.06		
PULL #3	3.03	3.08		
PULL #4	3.12	3.13		
PULL #5	3.03	3.08		
TOTAL	15.32	15.50		
AVG.	3.11	3.10		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.17		
PULL #2	4.05	4.14		
PULL #3	4.07	4.14		
PULL #4	4.08	4.10		
PULL #5	4.10	4.03		
TOTAL	20.36	20.58		
AVG.	4.07	4.11		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225576
17 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.292318
1 TO	2	.499885
1 TO	3	.14684
1 TO	4	.3223
1 TO	5	.523259

$5\frac{31}{42}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0916
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .122
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .15256
THE AMR FOR THIS RIFLE IS: .8852

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225576

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

HS = 2.517

VS = 1.614

GS = 2.592

CENTROID #

PATTERN #

1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.146	1.001	.811
MINIMUM X	-1.371	-1.516	-1.143
MAXIMUM Y	.647	.717	.676
MINIMUM Y	-.967	-.897	-.938
CENTROID X	.065	.210	.400
CENTROID Y	.285	.215	.256
POA TO CENTROID in.	.292	.300	.475
MIN RADIUS	.204	.109	.142
MEAN RADIUS	.970	.886	.763
MAX RADIUS	1.455	1.552	1.196
HORIZONTAL SPREAD	2.517	2.517	1.954
VERTICAL SPREAD	1.614	1.614	1.614
EXTREME SPREAD	2.592	2.592	2.105
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08285576

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS = 1.550

VS = 2.683

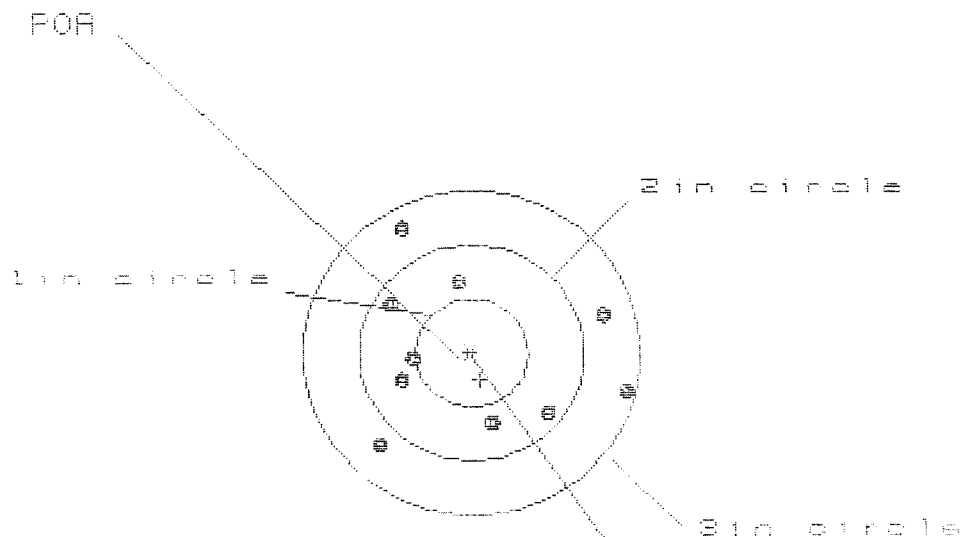
GS = 2.685

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.846	.900	.956
MINIMUM X	:	-.716	-.662	-.606
MAXIMUM Y	:	1.420	1.054	.916
MINIMUM Y	:	-1.263	-1.106	-.775
CENTROID X	:	.182	.128	.072
CENTROID Y	:	-.201	-.358	-.220
POA TO CENTROID in.	:	.271	.381	.232
MIN RADIUS	:	.370	.267	.261
MEAN RADIUS	:	.819	.712	.636
MAX RADIUS	:	1.501	1.386	1.324
HORIZONTAL SPREAD	:	1.562	1.562	1.562
VERTICAL SPREAD	:	2.683	2.160	1.691
EXTREME SPREAD	:	2.685	2.302	2.302
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225578

CENTERFIRE PATTERNS # 3



OF SHOTS 10

IN CIR

1in = 0

2in = 6

3in = 10

HS = 2.184

VS = 2.026

GS = 2.488

CENTROID +

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.365	1.373	1.311
MINIMUM X	-.819	-.667	-.729
MAXIMUM Y	1.147	1.112	.727
MINIMUM Y	-.879	-.914	-.775
CENTROID X	-.076	-.228	-.166
CENTROID Y	.244	.279	.140
FOR TO CENTROID IN.	.256	.360	.217
MIN RADIUS	.536	.389	.453
MEAN RADIUS	.940	.860	.812
MAX RADIUS	1.400	1.420	1.403
HORIZONTAL SPREAD	2.184	2.040	2.040
VERTICAL SPREAD	2.026	2.026	1.582
EXTREME SPREAD	2.488	2.405	2.405
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225578

CENTERFIRE PATTERNS

4

FOR

1 in circle

2 in circle

3 in circle

CENTROID

OF SHOTS# 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HSI = 2.0888

VSI = 1.661

GSI = 2.0888

PATTERN #

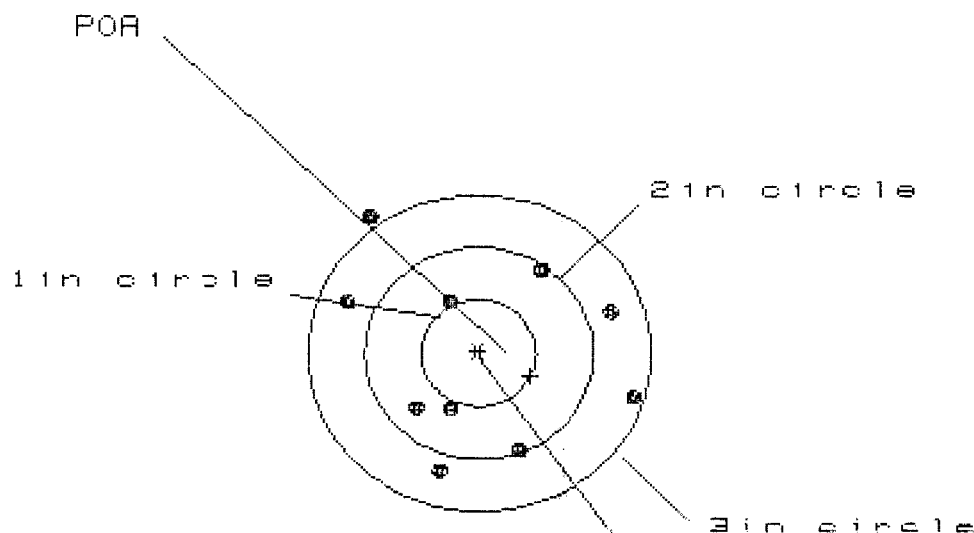
4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.048	1.130	.549
MINIMUM X	:	-1.040	-.958	-.817
MAXIMUM Y	:	.886	.800	.767
MINIMUM Y	:	-.775	-.532	-.565
CENTROID X	:	-.176	-.258	-.399
CENTROID Y	:	.071	.157	.189
FOR TO CENTROID in.	:	.190	.382	.442
MIN RADIUS	:	.088	.071	.171
MEAN RADIUS	:	.655	.607	.547
MAX RADIUS	:	1.071	1.159	.851
HORIZONTAL SPREAD	:	2.088	2.088	1.966
VERTICAL SPREAD	:	1.661	1.332	1.332
EXTREME SPREAD	:	2.089	2.089	1.433
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THRES INCH CIRCLE	=		10	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225576

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.445

VS= 2.412

GS= 2.781

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.347	1.246	1.224
MINIMUM X	:	-1.098	-1.199	-1.043
MAXIMUM Y	:	1.263	.905	.878
MINIMUM Y	:	-1.149	-1.009	-1.036
CENTROID X	:	-.453	-.352	-.508
CENTROID Y	:	.211	.071	.098
POA TO CENTROID in.	:	.500	.359	.517
MIN RADIUS	:	.548	.476	.424
MEAN RADIUS	:	1.042	.973	.915
MAX RADIUS	:	1.556	1.362	1.329
HORIZONTAL SPREAD	:	2.445	2.445	2.267
VERTICAL SPREAD	:	2.412	1.914	1.914
EXTREME SPREAD	:	2.781	2.595	2.269
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

21 DAY TURN - AROUND

New
Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225576

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

5-16-97

RW

605

CHECK HEADSPACE

5-16-97

RW

610

DIS-ASSEMBLE

612

MAGNAFLUX

615

ROLLMARK CALIBER

618

ROTO-BLAST

620

APPLY COATINGS

625 A

FINAL ASSEMBLY

7-16-97

RW

B

TRIGGER PULL TEST

C

SAFETY ON FORCE

D

SAFETY OFF FORCE

E

FIRING PIN INDENT

640

TARGET

7-16-97

RW

655

FINAL INSPECT

660

PACK

QAR INSPECTION

SHIP DATE

Final Inspection

SN: C6225576 DATE REC'D: 5-14-97 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 # C6225576
16 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0766$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.138$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.157834$

THE AMR FOR THIS RIFLE IS: 1.192

CENTROIDAL DISTANCES

0	TO	1	.354831
1	TO	2	.454964
1	TO	3	.449304
1	TO	4	.482203
1	TO	5	.298292

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

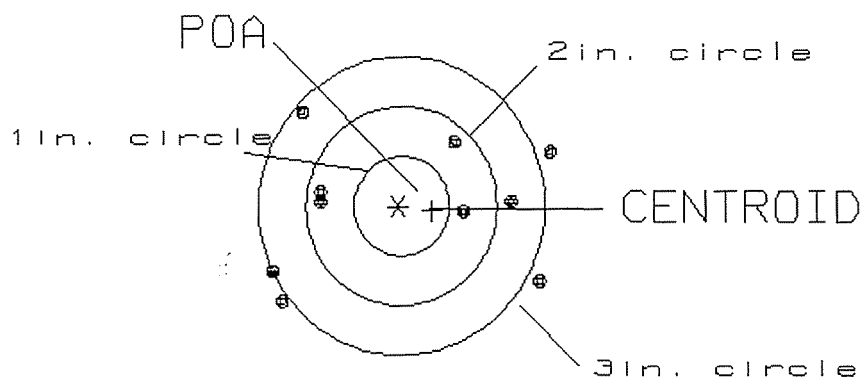
PATTERN #: 1

POA TO CENTROID: .355
 MIN RADIUS : .608
 MEAN RADIUS : 1.217
 MAX RADIUS : 1.697
 CENTROID X : -.351
 CENTROID Y : .052

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225576

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.96

0

VS= 1.96

4

GS= 3.22

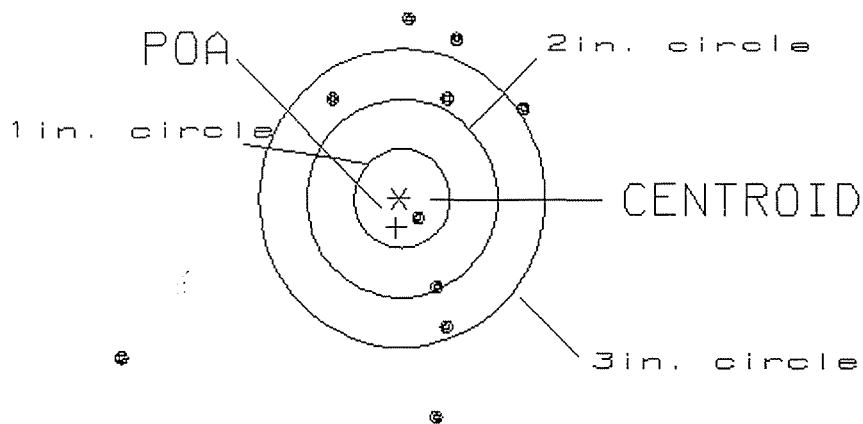
6

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .298
 MIN RADIUS : .261
 MEAN RADIUS : 1.546
 MAX RADIUS : 3.329
 CENTROID X : .033
 CENTROID Y : .296

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225576

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.15

1

VS= 3.91

2

GS= 4.82

5

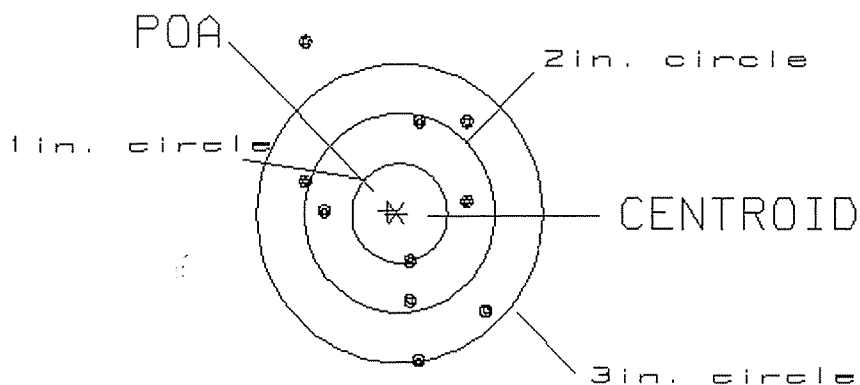
PATTERN #: 3

POA TO CENTROID: .095
 MIN RADIUS : .437
 MEAN RADIUS : 1.070
 MAX RADIUS : 1.972
 CENTROID X : .092
 CENTROID Y : -.023

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225576

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.91
 VS= 3.21
 GS= 3.44

1
 5
 8

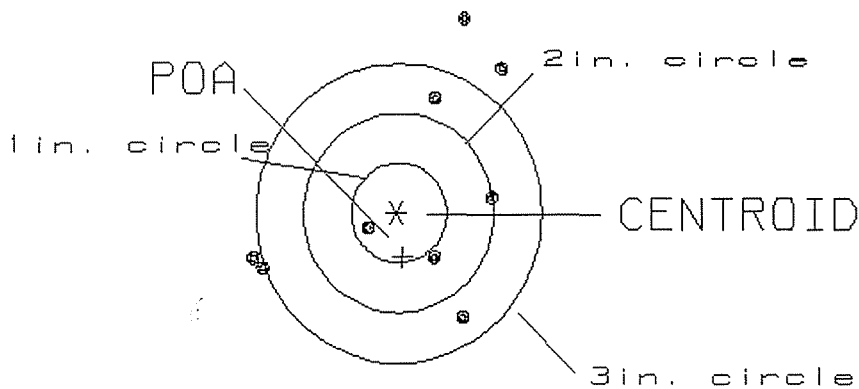
PATTERN #: 4

POA TO CENTROID: .452
 MIN RADIUS : .391
 MEAN RADIUS : 1.389
 MAX RADIUS : 2.369
 CENTROID X : -.073
 CENTROID Y : .446

16 Jul 1997

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6225576

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.62
 VS= 4.15
 GS= 4.49

1
 3
 5

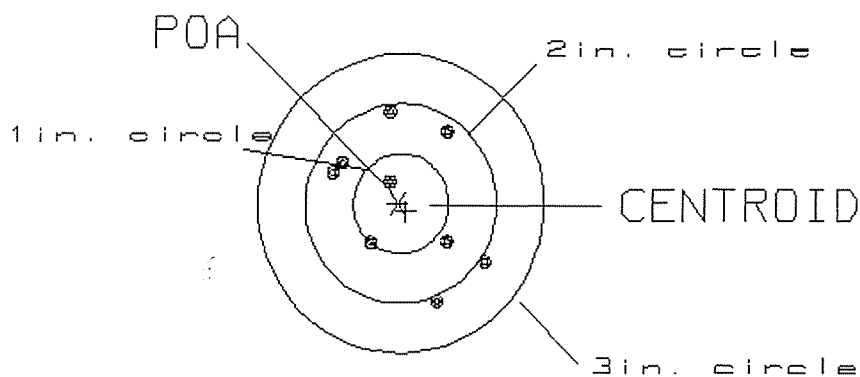
PATTERN #: 5

POA TO CENTROID: .116
 MIN RADIUS : .260
 MEAN RADIUS : .739
 MAX RADIUS : 1.086
 CENTROID X : -.084
 CENTROID Y : .081

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225576

CENTERFIRE PATTERN # 5

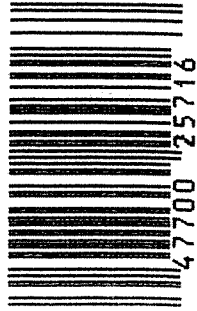


OF SHOTS= 10

IN CIRCLE

HS= 1.69
 VS= 1.90
 GS= 1.97

3
 6
 10

Remington®		VERY IMPORTANT Instruction Book enclosed to assure safe use of this firearm.	
MODEL 700™ H24		SERIAL NO. C6225576	
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5716 C6225576		0 47700 25716 7	

LPC