

C6348751

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

M2400063125

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

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: RE00146675

Serial: C6348751 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 6/20/2008 8:51:14 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DEPT OF THE ARMY

DEPT OF THE ARMY

Address 1: HEADQUARTERS AND HEADQUARTERS CO

HEADQUARTERS AND HEADQUARTERS CO

Address 2: 1ST BN 5TH INFANTRY

PO Box:

1ST BN 5TH INFANTRY

PO Box:

City: FORT WRAINWRIGHT

FORT WRAINWRIGHT

State: AK

Zip Code: 99703

Country: US

State: AK

Zip Code: 99703

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
A010	Hard Case	1
A045	Bi Pod	1
D000	SCOPE & SCOPE BA	1

Repair Search

Refresh

Close

nagletj

6/20/2008

9:08 AM

CAPS

NUM

INS

SCRL



2 Internet Exp...

3 Microsoft Of...

8 Microsoft Off...

Arms Services R...



9:09 AM

Number: C6348751
Model: M24 SWS

RE00146675

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348751.___0
FILE DATE AND TIME: 07/19/2008 10:06

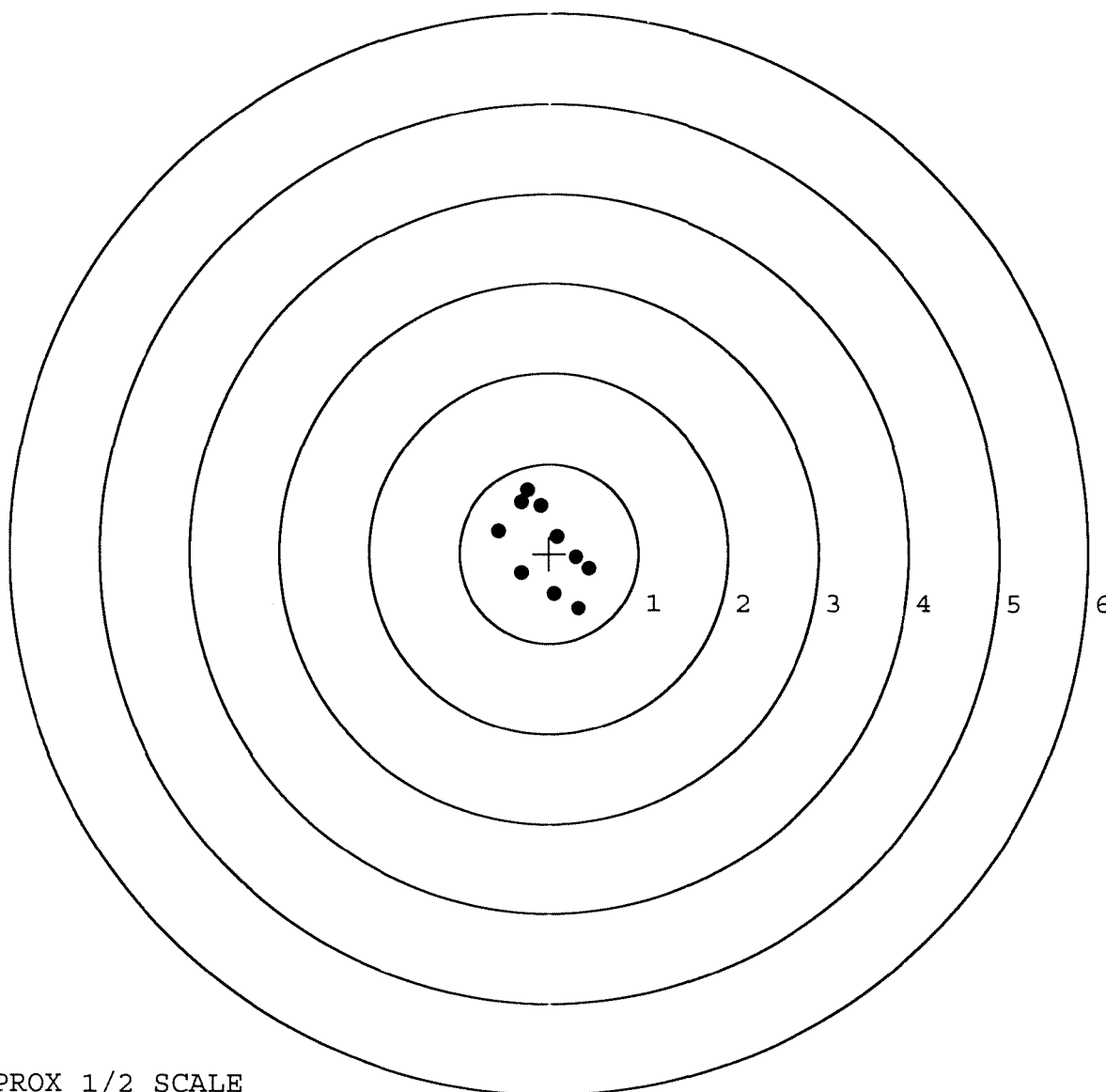
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.046
The Average Y Centroid of the Five Target Set:	0.017
The Average Point of Impact of the Five Target Set:	0.049
The Average Mean Radius of the Five Target Set:	0.562
The Distance from POA to Centroid Target #1:	0.080
The Distance from Centroid Target #2 to Centroid Target #1:	0.107
The Distance from Centroid Target #3 to Centroid Target #1:	0.290
The Distance from Centroid Target #4 to Centroid Target #1:	0.088
The Distance from Centroid Target #5 to Centroid Target #1:	0.089

SERIAL NUMBER: C6348751. __0
TARGET NUMBER: 1
FILE DATE: 07/19/2008
FILE TIME: 10:06

X CENTROID: -0.028
Y CENTROID: 0.075
POA TO CENTROID: 0.080
HORZ SPREAD: 1.017
VERT SPREAD: 1.325
GROUP SPREAD: 1.446
MIN RADIUS: 0.166
MAX RADIUS: 0.782
MEAN RADIUS: 0.503
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.33	-0.619
2:	0.060	-0.447
3:	-0.307	-0.214
4:	-0.566	0.249
5:	-0.307	0.571
6:	-0.095	0.527
7:	-0.246	0.706
8:	0.093	0.188
9:	0.301	-0.041
10:	0.451	-0.171

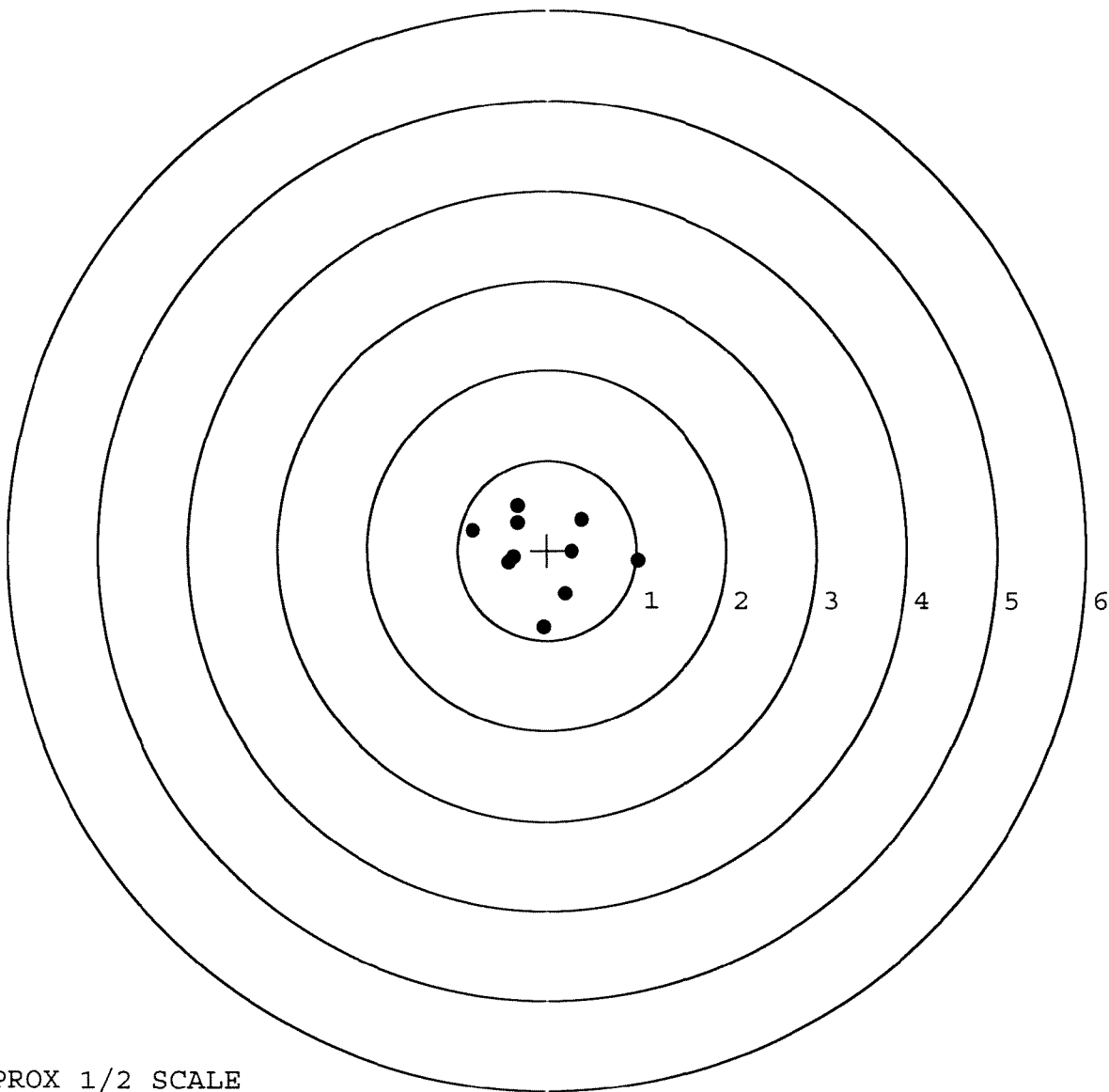


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751. __0
TARGET NUMBER: 2
FILE DATE: 07/19/2008
FILE TIME: 10:06

X CENTROID: -0.046
Y CENTROID: -0.031
POA TO CENTROID: 0.055
HORZ SPREAD: 1.852
VERT SPREAD: 1.355
GROUP SPREAD: 1.883
MIN RADIUS: 0.324
MAX RADIUS: 1.068
MEAN RADIUS: 0.592
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.019	-0.114
2:	-0.043	-0.857
3:	0.203	-0.483
4:	0.278	-0.019
5:	0.387	0.344
6:	-0.329	0.498
7:	-0.332	0.313
8:	-0.430	-0.139
9:	-0.379	-0.079
10:	-0.833	0.226



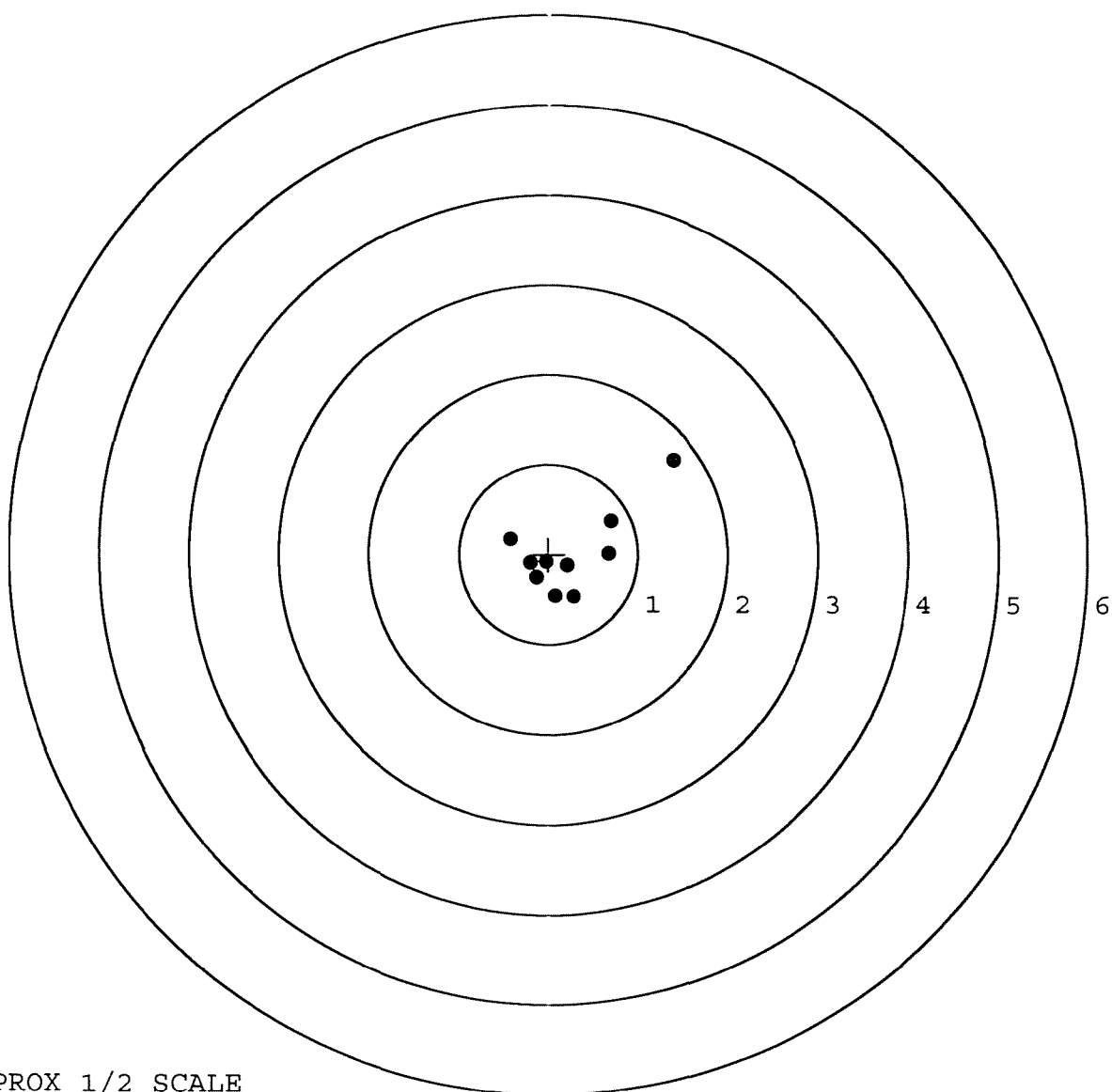
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751. __0
TARGET NUMBER: 3
FILE DATE: 07/19/2008
FILE TIME: 10:06

X CENTROID: 0.255
Y CENTROID: 0.010
POA TO CENTROID: 0.255
HORZ SPREAD: 1.821
VERT SPREAD: 1.514
GROUP SPREAD: 2.018
MIN RADIUS: 0.142
MAX RADIUS: 1.539
MEAN RADIUS: 0.561

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

POINT#	X	Y
1:	1.397	1.042
2:	0.704	0.369
3:	0.676	0.013
4:	0.283	-0.472
5:	0.075	-0.461
6:	-0.203	-0.099
7:	-0.031	-0.084
8:	-0.135	-0.255
9:	0.207	-0.123
10:	-0.424	0.172



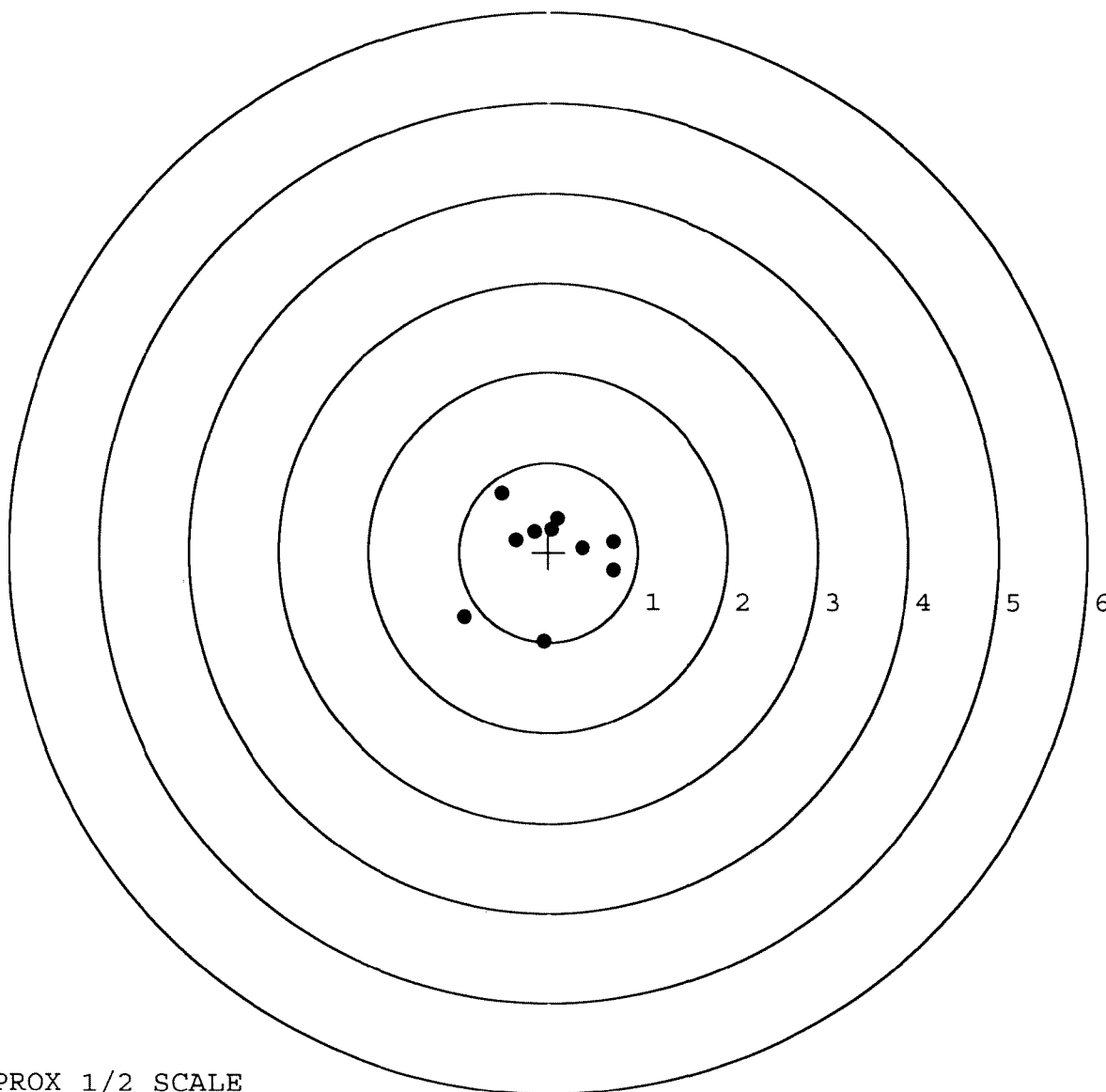
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751. __0
TARGET NUMBER: 4
FILE DATE: 07/19/2008
FILE TIME: 10:06

X CENTROID: -0.006
Y CENTROID: -0.010
POA TO CENTROID: 0.012
HORZ SPREAD: 1.673
VERT SPREAD: 1.651
GROUP SPREAD: 1.872
MIN RADIUS: 0.273
MAX RADIUS: 1.181
MEAN RADIUS: 0.625

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.727	-0.203
2:	0.727	0.116
3:	0.384	0.047
4:	0.106	0.376
5:	0.037	0.259
6:	-0.158	0.232
7:	-0.360	0.134
8:	-0.515	0.655
9:	-0.946	-0.725
10:	-0.058	-0.996

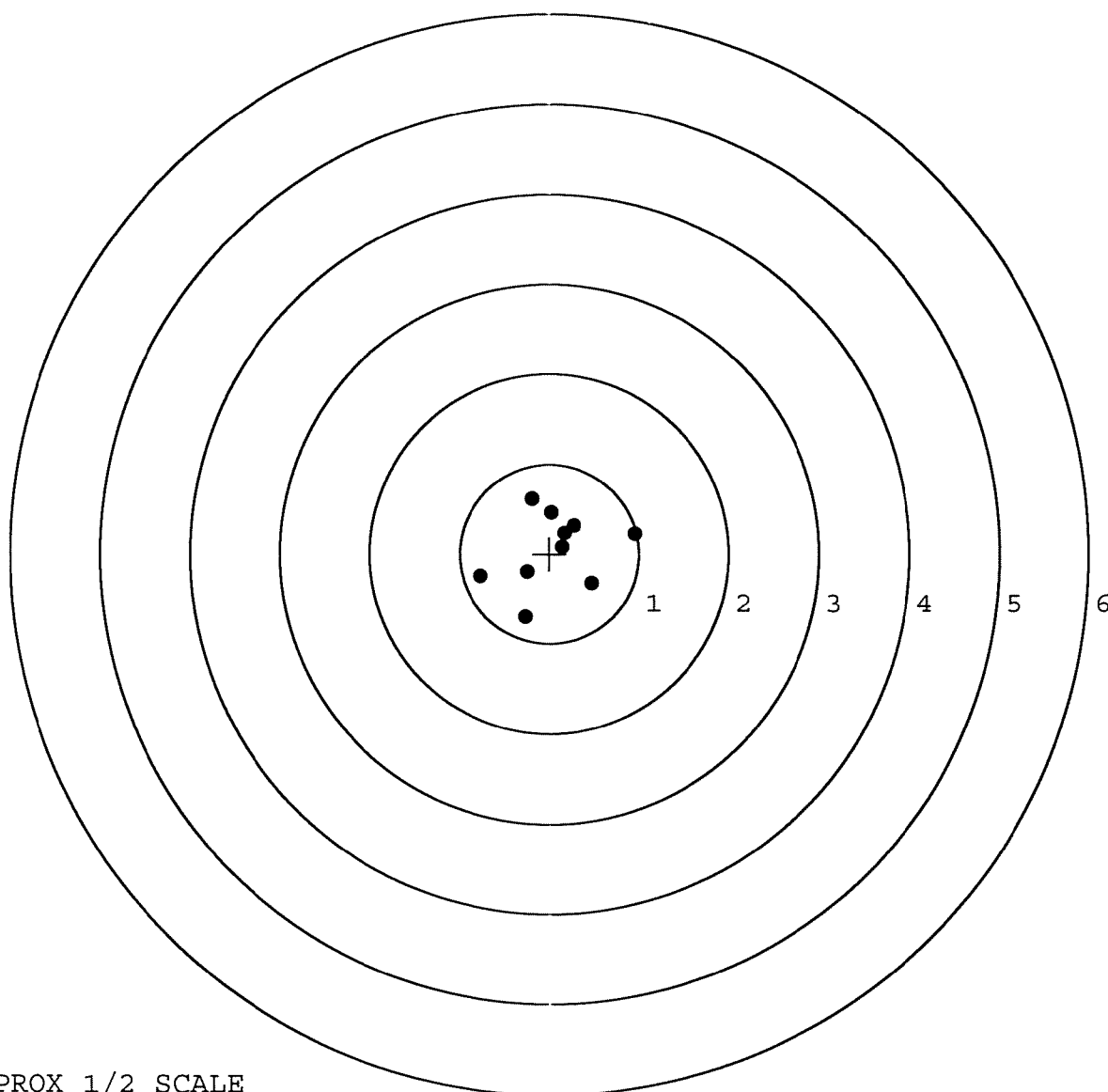


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751.____0
TARGET NUMBER: 5
FILE DATE: 07/19/2008
FILE TIME: 10:06

X CENTROID: 0.055
Y CENTROID: 0.043
POA TO CENTROID: 0.070
HORZ SPREAD: 1.727
VERT SPREAD: 1.329
GROUP SPREAD: 1.790
MIN RADIUS: 0.092
MAX RADIUS: 0.920
MEAN RADIUS: 0.529
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.957	0.221
2:	0.474	-0.331
3:	-0.273	-0.713
4:	-0.250	-0.202
5:	-0.770	-0.251
6:	0.140	0.078
7:	0.173	0.233
8:	0.276	0.317
9:	0.022	0.461
10:	-0.200	0.616



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	146675		
SERIAL NUMBER	C6348751		
LOG-IN DATE	6-20-08		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-24-08	RSW
505	RE-BARREL	6-25-08	RSW
420	ASSEMBLE	6-25-08	RSW
440	PROOF	6-25-08	SD
460	CHECK HEADSPACE	6-25-08	SD
470	DIS-ASSEMBLE GUN	6-25-08	RP
480	MAGNAFLUX	7-10-08	BAA
510	DRILL AND TAP	7-7-08	TRW
500	ROLLMARK CALIBER	7/9/08	RT
520	GOFF BLAST BBL / REC	7-11-08	DC
530 & 540	APPLY COATINGS	7-15-	CM
560	FINAL ASSEMBLY	7-18-08	RT
640	FUNCTION TEST AND	(PASS) FAIL	7-19-08 TRW
650	TARGET	(PASS) FAIL	7-19-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-19-08	RT
	A) HEADSPACE	(PASS) FAIL	7-21-08 RT
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 252 273 282 273 278 7-21-08 RT	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 350 350 350 7-21-08 RT	
	G) SAFETY OFF FORCE	2 LBS MIN 2- 2- 2- 7-21-08 RT	
	I) FIRING PIN INDENT	.020 022 022 022 7-21-08 RT	
690	PACK	7/23/08 RM	

F006 REV 5/2006

start
2 Microsoft O...
Arms Services R...
3 Microsoft E...
My Exgite - Mar...
2:04 PM

1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100
 101
 102
 103
 104
 105
 106
 107
 108
 109
 110
 111
 112
 113
 114
 115
 116
 117
 118
 119
 120
 121
 122
 123
 124
 125
 126
 127
 128
 129
 130
 131
 132
 133
 134
 135
 136
 137
 138
 139
 140
 141
 142
 143
 144
 145
 146
 147
 148
 149
 150
 151
 152
 153
 154
 155
 156
 157
 158
 159
 160
 161
 162
 163
 164
 165
 166
 167
 168
 169
 170
 171
 172
 173
 174
 175
 176
 177
 178
 179
 180
 181
 182
 183
 184
 185
 186
 187
 188
 189
 190
 191
 192
 193
 194
 195
 196
 197
 198
 199
 200
 201
 202
 203
 204
 205
 206
 207
 208
 209
 210
 211
 212
 213
 214
 215
 216
 217
 218
 219
 220
 221
 222
 223
 224
 225
 226
 227
 228
 229
 230
 231
 232
 233
 234
 235
 236
 237
 238
 239
 240
 241
 242
 243
 244
 245
 246
 247
 248
 249
 250
 251
 252
 253
 254
 255
 256
 257
 258
 259
 260
 261
 262
 263
 264
 265
 266
 267
 268
 269
 270
 271
 272
 273
 274
 275
 276
 277
 278
 279
 280
 281
 282
 283
 284
 285
 286
 287
 288
 289
 290
 291
 292
 293
 294
 295
 296
 297
 298
 299
 300
 301
 302
 303
 304
 305
 306
 307
 308
 309
 310
 311
 312
 313
 314
 315
 316
 317
 318
 319
 320
 321
 322
 323
 324
 325
 326
 327
 328
 329
 330
 331
 332
 333
 334
 335
 336
 337
 338
 339
 340
 341
 342
 343
 344
 345
 346
 347
 348
 349
 350
 351
 352
 353
 354
 355
 356
 357
 358
 359
 360
 361
 362
 363
 364
 365
 366
 367
 368
 369
 370
 371
 372
 373
 374
 375
 376
 377
 378
 379
 380
 381
 382
 383
 384
 385
 386
 387
 388
 389
 390
 391
 392
 393
 394
 395
 396
 397
 398
 399
 400
 401
 402
 403
 404
 405
 406
 407
 408
 409
 410
 411
 412
 413
 414
 415
 416
 417
 418
 419
 420
 421
 422
 423
 424
 425
 426
 427
 428
 429
 430
 431
 432
 433
 434
 435
 436
 437
 438
 439
 440
 441
 442
 443
 444
 445
 446
 447
 448
 449
 450
 451
 452
 453
 454
 455
 456
 457
 458
 459
 460
 461
 462
 463
 464
 465
 466
 467
 468
 469
 470
 471
 472
 473
 474
 475
 476
 477
 478
 479
 480
 481
 482
 483
 484
 485
 486
 487
 488
 489
 490
 491
 492
 493
 494
 495
 496
 497
 498
 499
 500
 501
 502
 503
 504
 505
 506
 507
 508
 509
 510
 511
 512
 513
 514
 515
 516
 517
 518
 519
 520
 521
 522
 523
 524
 525

RE00061394

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348751.___0

FILE DATE AND TIME: 03/09/2003 01:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

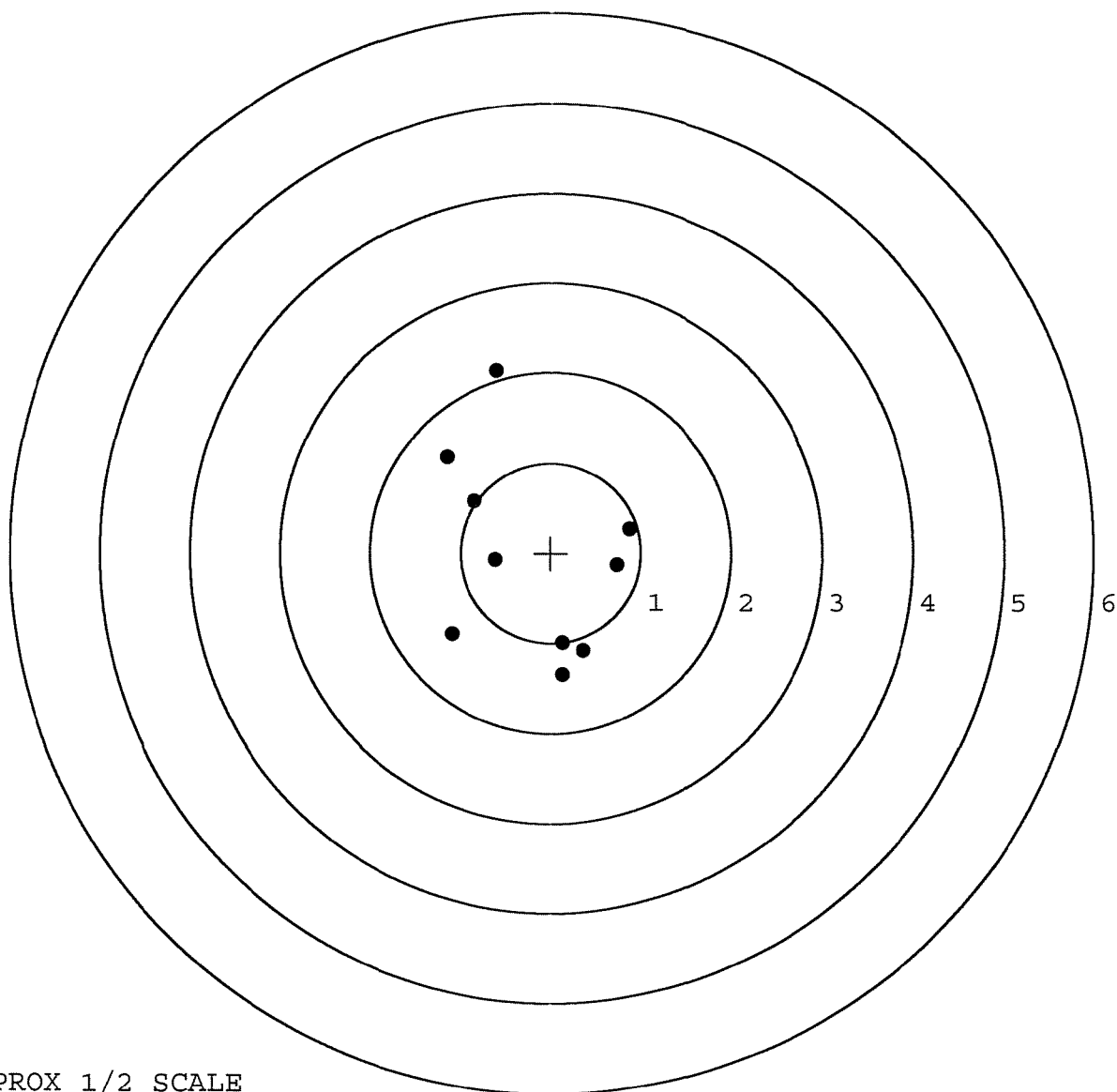
The Average X Centroid of the Five Target Set:	-0.153
The Average Y Centroid of the Five Target Set:	-0.098
The Average Point of Impact of the Five Target Set:	0.182
The Average Mean Radius of the Five Target Set:	0.770
The Distance from POA to Centroid Target #1:	0.218
The Distance from Centroid Target #2 to Centroid Target #1:	0.217
The Distance from Centroid Target #3 to Centroid Target #1:	0.182
The Distance from Centroid Target #4 to Centroid Target #1:	0.088
The Distance from Centroid Target #5 to Centroid Target #1:	0.148

SERIAL NUMBER: C6348751. __0
TARGET NUMBER: 1
FILE DATE: 03/09/2003
FILE TIME: 01:13

X CENTROID: -0.209
Y CENTROID: -0.064
POA TO CENTROID: 0.218
HORZ SPREAD: 2.030
VERT SPREAD: 3.375
GROUP SPREAD: 3.455
MIN RADIUS: 0.407
MAX RADIUS: 2.121
MEAN RADIUS: 1.172

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

POINT#	X	Y
1:	0.129	-1.356
2:	0.128	-1.006
3:	0.736	-0.136
4:	0.878	0.264
5:	-1.094	-0.902
6:	-0.616	-0.075
7:	-0.849	0.574
8:	-1.152	1.073
9:	-0.609	2.019
10:	0.361	-1.090



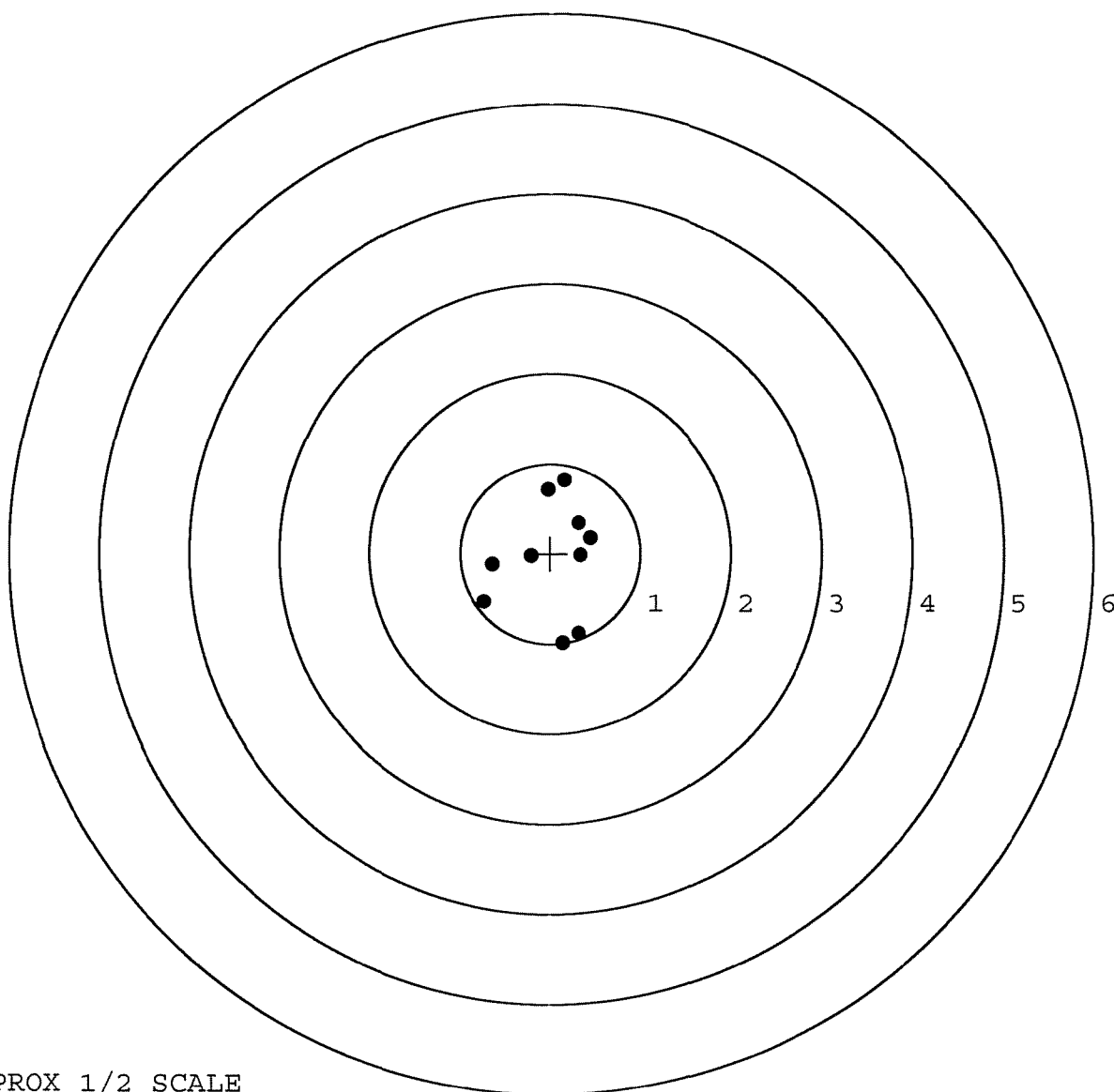
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751. __0
TARGET NUMBER: 2
FILE DATE: 03/09/2003
FILE TIME: 01:13

X CENTROID: 0.009
Y CENTROID: -0.057
POA TO CENTROID: 0.057
HORZ SPREAD: 1.188
VERT SPREAD: 1.814
GROUP SPREAD: 1.814
MIN RADIUS: 0.226
MAX RADIUS: 0.948
MEAN RADIUS: 0.659

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.737	-0.539
2:	-0.645	-0.124
3:	-0.216	-0.027
4:	0.138	-0.996
5:	0.315	-0.892
6:	0.338	-0.023
7:	0.451	0.168
8:	0.314	0.337
9:	0.159	0.818
10:	-0.032	0.711



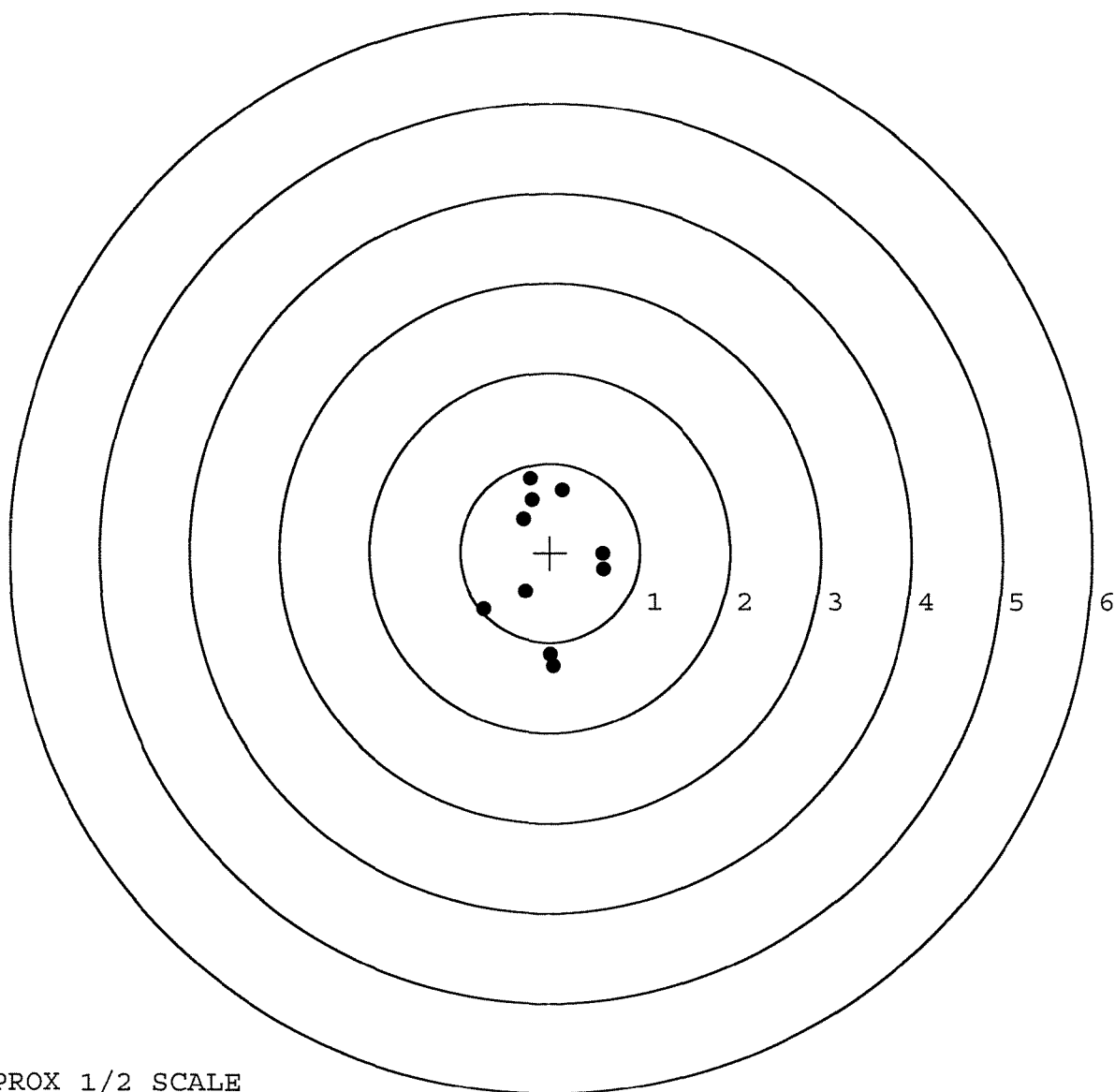
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751. __0
TARGET NUMBER: 3
FILE DATE: 03/09/2003
FILE TIME: 01:13

X CENTROID: -0.036
Y CENTROID: -0.121
POA TO CENTROID: 0.126
HORZ SPREAD: 1.330
VERT SPREAD: 2.097
GROUP SPREAD: 2.114
MIN RADIUS: 0.401
MAX RADIUS: 1.146
MEAN RADIUS: 0.780

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.045	-1.264
2:	0.007	-1.136
3:	-0.733	-0.646
4:	-0.277	-0.441
5:	0.597	-0.191
6:	0.587	-0.020
7:	-0.296	0.371
8:	0.136	0.696
9:	-0.203	0.591
10:	-0.226	0.833

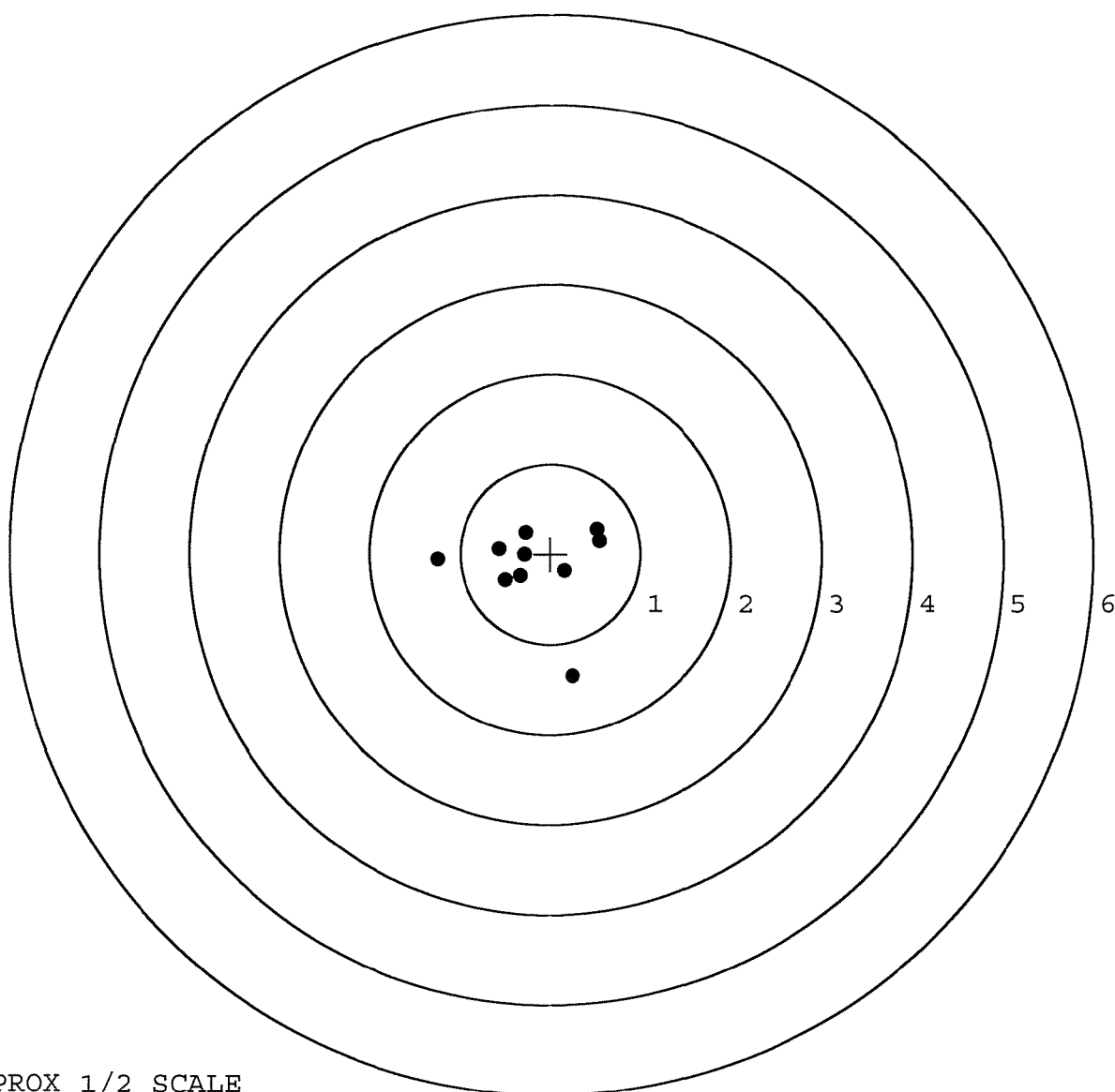


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751. __0
 TARGET NUMBER: 4
 FILE DATE: 03/09/2003
 FILE TIME: 01:13

X CENTROID: -0.176
 Y CENTROID: -0.145
 POA TO CENTROID: 0.228
 HORZ SPREAD: 1.801
 VERT SPREAD: 1.631
 GROUP SPREAD: 1.985
 MIN RADIUS: 0.178
 MAX RADIUS: 1.286
 MEAN RADIUS: 0.586
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.524	0.273
2:	0.548	0.140
3:	0.156	-0.192
4:	0.250	-1.358
5:	-0.278	0.236
6:	-0.293	-0.011
7:	-0.339	-0.245
8:	-0.504	-0.287
9:	-1.253	-0.061
10:	-0.572	0.057

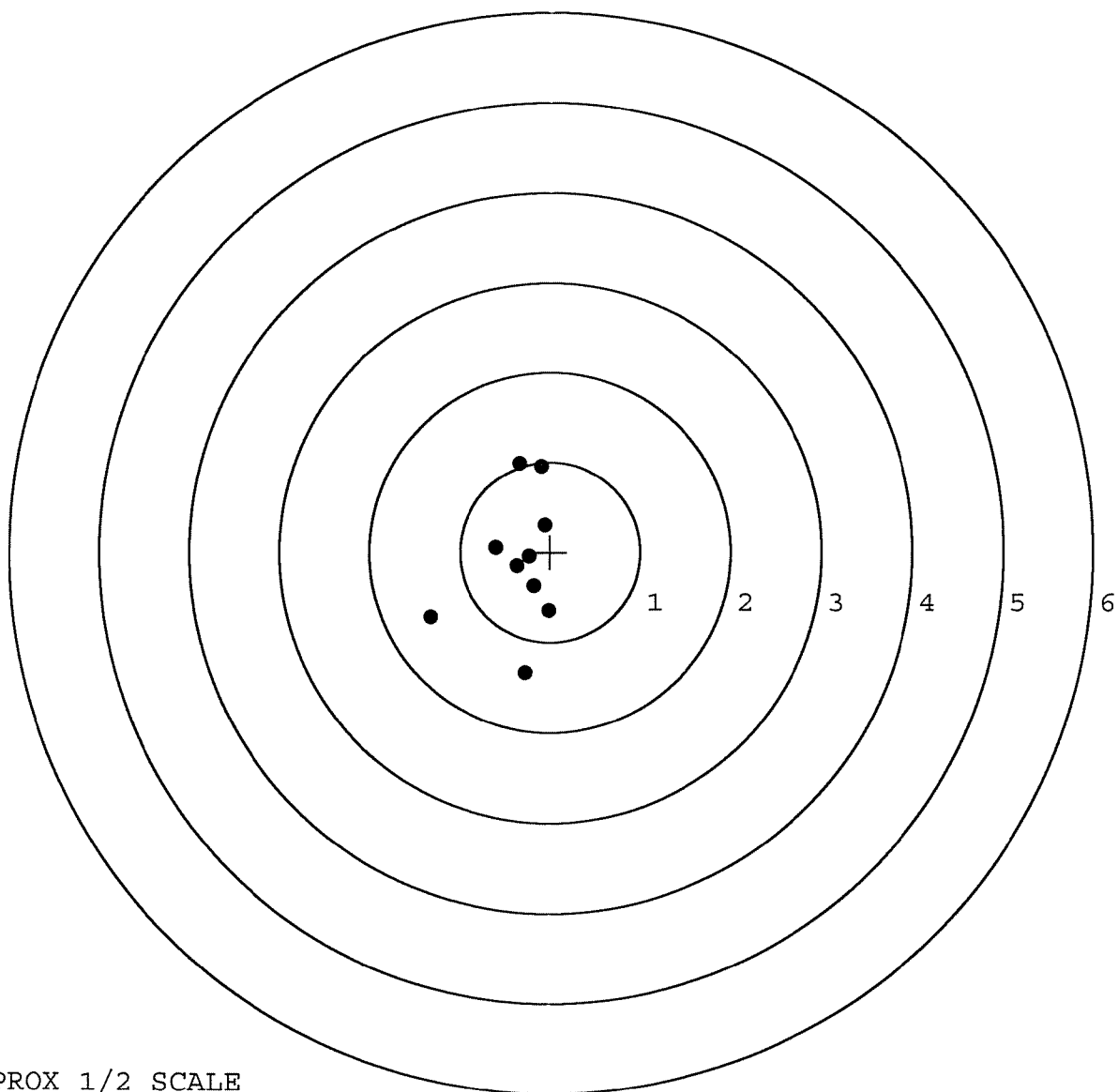


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348751. __0
 TARGET NUMBER: 5
 FILE DATE: 03/09/2003
 FILE TIME: 01:13

POINT#	X	Y
1:	-0.274	-1.346
2:	-1.324	-0.733
3:	-0.064	0.296
4:	-0.101	0.950
5:	-0.342	0.980
6:	-0.602	0.052
7:	-0.234	-0.047
8:	-0.372	-0.156
9:	-0.184	-0.378
10:	-0.019	-0.659

X CENTROID: -0.352
 Y CENTROID: -0.104
 POA TO CENTROID: 0.367
 HORZ SPREAD: 1.324
 VERT SPREAD: 2.326
 GROUP SPREAD: 2.327
 MIN RADIUS: 0.056
 MAX RADIUS: 1.244
 MEAN RADIUS: 0.651
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # C6348751 INSPECTED BY: RTL

DATE REC'D: 2-10-03 DATE RET'D: 3-8-03

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

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

ITEM

STOCK ASSEMBLY

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

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	61394		
SERIAL NUMBER	C6348751		
LOG-IN DATE	2-9-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-11-03	RW
560 A	RE-BARREL	2-12-03	RTL
B	DRILL AND TAP	2-20-03	TRW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	E
605	CHECK HEADSPACE	2-13-03	A
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	2-19-03	B
618	ROTO-BLAST	2-26-03	JA
620	APPLY COATINGS	3-3	JA
625 A	FINAL ASSEMBLY	3-7-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-7-03	RW
655	FINAL INSPECT	3-8-03	RTL
660	PACK	3-8-03	WA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 96-02013

INITIAL: CUSTOMER ORDER NO.

W/LEUPOLD 10X SCOPE W/BI-POD

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

01/16/96

01/17/96

C6348751

700 7.62

NATO

ACCESSORIES

SCOPE MNTS

SCOPE BASE

HARD CASE

FROM:

SHIP TO:

US ARMY
1/17 INF BDE
FT WAINWRIGHT

AK 99703

US ARMY
1/17 INF BDE
FT WAINWRIGHT

AK
99703

CUST NO: 135899 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

☐ NEW

☐ LIGHTLY WORN

☐ WORN

☐ VERY WORN

☐ UNREPAIRABLE

☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel - 96003

Stock - 96018

Mag Box - 96013

Mag follower - 96014

Mag Spring - 15677

Scope Adjust dial Dust Cover (3) - 96042

Scope Dust Cover front & rear - 96043 & 96044

Bi pod - 96117

Repowder Coat Trigger Guard
Assy, Front & Rear Sight Bases
Re-zinc Scope Base & Swivel
STuds, Scope Rings

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400063143

M-24

CONTRACT # DAAA21-87-C-0086

New Barrel
Stock

GUN SERIAL # C6348751

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		1/22/96	RW
600	Proof		1/22/96	RW
607	Check Headspace		1/22/96	RW
610	Dis-assemble Gun		1/22/96	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/31/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/31/96	RW
	C) Inspect Ejector Hole for Chamfer		1/31/96	RW
	D) Oil Firing Pin Ass'y		1/31/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent					
	J) Assemble Stock				1/31/96	RW
	K) Assemble Swivel Studs					
	L) Attach Front and Rear Sight Assemblies					
	M) Iron Sight Alignment					
	N) Detach Front & Rear Sights & place in numbered container					
	O) Attach Scope to Rifle					
	P) Detach & Attach Scope 20 Times					
640	Gallery Target & Test				2/1/96	Pa
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo				2/1/96	Pa
655	Final Inspection					
	A) Headspace				2/2/96	RW
	B) Trigger Pull					
	C) Function				2/2/96	RW
660	Pack					

Final Inspection

Sn: C6348757 DATE REC'D: 1/17/96 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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348751
3 Jan 1988

CENTROIDAL DISTANCES

0 TO	1	1.03586
1 TO	2	.111803
1 TO	3	.279258
1 TO	4	.194651
1 TO	5	.233803

$\frac{4.5}{3}$

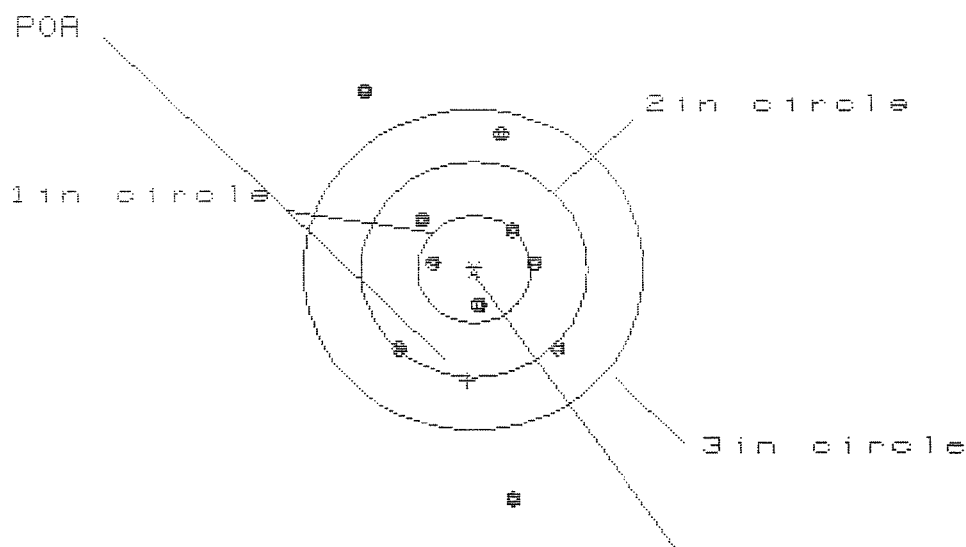
+ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0168
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.0732
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.07333
THE AMR FOR THIS RIFLE IS: 1.041

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348751

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.609

VS= 3.786

GS= 3.985

CENTROID #

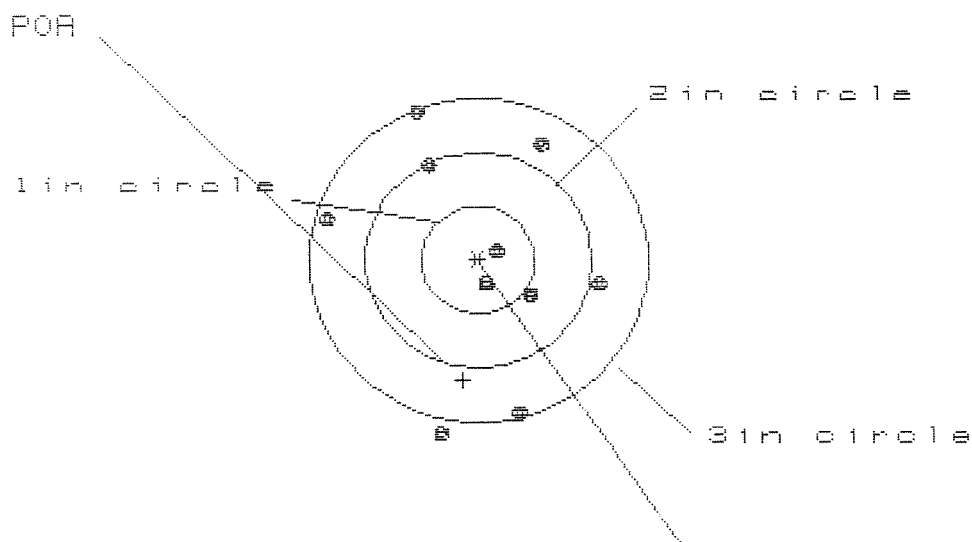
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.695	.735	.626
MINIMUM X	-.914	-.874	-.691
MAXIMUM Y	1.676	1.441	1.235
MINIMUM Y	-2.110	-1.004	-.824
CENTROID X	.062	.022	.131
CENTROID Y	1.034	1.269	1.089
POA TO CENTROID in.	1.036	1.269	1.096
MIN RADIUS	.353	.365	.403

MEAN RADIUS	.983	.846	.721
MAX RADIUS	2.141	1.685	1.253
HORIZONTAL SPREAD	1.609	1.609	1.317
VERTICAL SPREAD	3.786	2.445	2.059
EXTREME SPREAD	3.995	2.927	2.215
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08348751

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.405

VS= 2.937

GS= 2.840

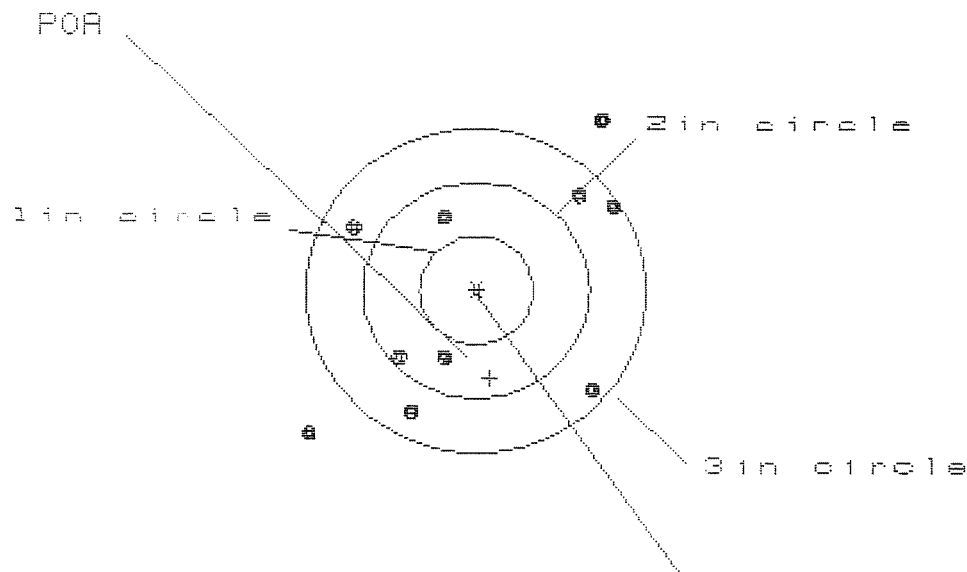
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.024	.984	.806
MINIMUM X	:	-1.381	-1.421	-.711
MAXIMUM Y	:	1.341	1.164	1.195
MINIMUM Y	:	-1.596	-1.561	-1.530
CENTROID X	:	.138	.178	.356
CENTROID Y	:	1.116	1.293	1.262
POA TO CENTROID in.	:	1.125	1.306	1.311
MIN RADIUS	:	.204	.153	.058
MEAN RADIUS	:	1.009	.932	.836
MAX RADIUS	:	1.636	1.601	1.540
HORIZONTAL SPREAD	:	2.405	2.405	1.517
VERTICAL SPREAD	:	2.937	2.725	2.725
EXTREME SPREAD	:	2.940	2.866	2.866
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06348751

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 8

HS = 2.659

VS = 2.906

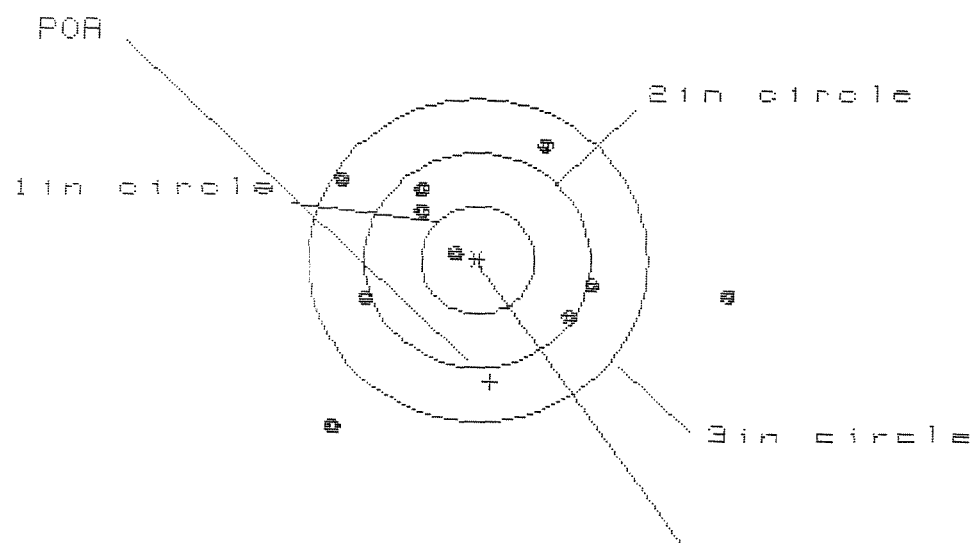
GS = 3.909

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.191	1.319	1.151
MINIMUM X	:	-1.468	-1.340	-1.077
MAXIMUM Y	:	1.628	1.044	.907
MINIMUM Y	:	-1.278	-1.097	-1.121
CENTROID X	:	-.115	-.243	-.075
CENTROID Y	:	.818	.637	.774
POA TO CENTROID in.	:	.826	.681	.777
MIN RADIUS	:	.693	.482	.668
MEAN RADIUS	:	1.284	1.174	1.114
MAX RADIUS	:	1.992	1.732	1.442
HORIZONTAL SPREAD	:	2.659	2.659	2.228
VERTICAL SPREAD	:	2.906	2.141	2.028
EXTREME SPREAD	:	3.909	3.389	2.641
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348751

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS = 3.410

VS = 2.582

GS = 3.629

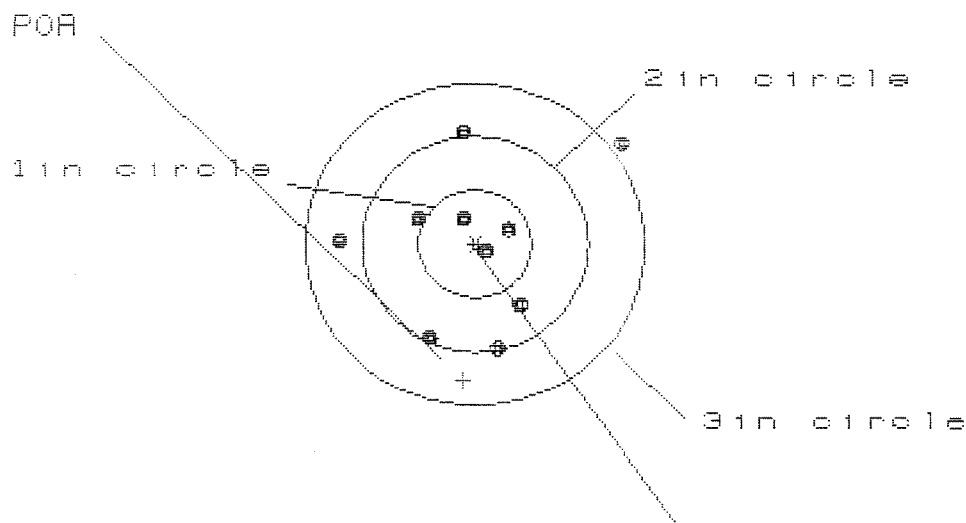
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.161	1.288	1.162
MINIMUM X	:	-1.249	-1.009	-1.130
MAXIMUM Y	:	1.020	.985	.785
MINIMUM Y	:	-1.562	-1.597	-.730
CENTROID X	:	-.105	-.345	-.219
CENTROID Y	:	1.134	1.169	1.369
POA TO CENTROID in.	:	1.139	1.219	1.386
MIN RADIUS	:	.199	.044	.223
MEAN RADIUS	:	1.161	1.000	.879
MAX RADIUS	:	2.185	1.889	1.246
HORIZONTAL SPREAD	:	3.410	2.297	2.292
VERTICAL SPREAD	:	2.582	2.582	1.515
EXTREME SPREAD	:	3.629	3.166	2.489
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348751

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.505

VS= 2.005

GS= 2.666

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.284	.546	.411
MINIMUM X	:	-1.221	-1.078	-.450
MAXIMUM Y	:	1.008	1.110	1.123
MINIMUM Y	:	-.997	-.895	-.882
CENTROID X	:	.104	-.039	.096
CENTROID Y	:	1.264	1.162	1.149
POA TO CENTROID in.	:	1.268	1.163	1.153
MIN RADIUS	:	.129	.207	.072
MEAN RADIUS	:	.769	.686	.611
MAX RADIUS	:	1.575	1.111	1.126
HORIZONTAL SPREAD	:	2.505	1.624	.861
VERTICAL SPREAD	:	2.005	2.005	2.005
EXTREME SPREAD	:	2.666	2.032	2.032
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington®



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

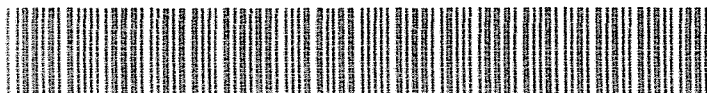
MODEL 700™ H24

SERIAL NO.
C6348751

ORDER NO.
5716

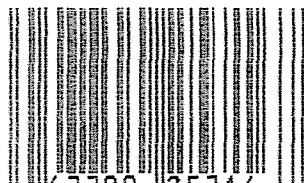
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

01



5716 C6348751

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400063153

Re - 15
replaced

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348751

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 23	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		LA
7	Drill and Tap Sight Holes	9 29	89	LB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10-11-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/12/89	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		20 OCT 89	JD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/23/89	JS
	G) Safety Off Force	4	4	4			10/23/89	JS
	H) Trigger Pull Test & Retainability						2000/89	JS
	I) Firing Pin Indent	.0215	.021	.021			10/23/89	JS
	J) Assemble Stock						10/25/89	RW
	K) Assemble Swivel Studs						3000/89	JS
	L) Attach Front and Rear Sight Assemblies						12/11/89	RW
	M) Iron Sight Alignment						12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/11/89	RW
	O) Attach Scope to Rifle						10/24/89	JS
	P) Detach & Attach Scope 20 Times						10/25/89	JS
640	Gallery Target & Test				2-27-90	10-26-89	AC	
	A) Time				2-27-90	10-26-89	AC	
	B) Malfunctions				2-27-90	10-26-89	AC	
	C) Pierced Primers				2-27-90	10-26-89	AC	
	D) Optical Clarity of Scope				2-27-90	10-26-89	AC	
645	Inspect for Live Ammo				2-27-90	10-26-89	AC	
655	Final Inspection							
	A) Headspace	2.61	2.68	2.65	2.63	2.73	30-00/89	JS
	B) Trigger Pull	2.80	2.85	2.84	2.85	2.84	3000/89	JS
	C) Function						3000/89	JS
660	Pack						20 Mar 90	JS

SWS TRIGGER PULL TEST

ET-0

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6348751
DATE 20 Oct 89
TESTER JIS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	258	223	230	280	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	229	210	223	285	
PULL #3	246	219	219	284	
PULL #4	241	227	225	285	
PULL #5	242	217	222	284	
TOTAL	1216	1096	1119	1418	
AVG.	2.432	2.192	2.238	2.836	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	325	332		
PULL #2	328	329		
PULL #3	301	323		
PULL #4	321	299		
PULL #5	314	324		
TOTAL	1589	1607		
AVG.	3.178	3.214		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	414	437		420
PULL #2	442	451		411
PULL #3	415	433		407
PULL #4	437	432		396
PULL #5	437	438		409
TOTAL	2145	2191		2043
AVG.	4.29	4.382		4.086

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348751
27 Feb 1990

CENTROIDAL DISTANCES

0 TO	1	.285829
1 TO	2	.214674
1 TO	3	.672976
1 TO	4	.606097
1 TO	5	.463406

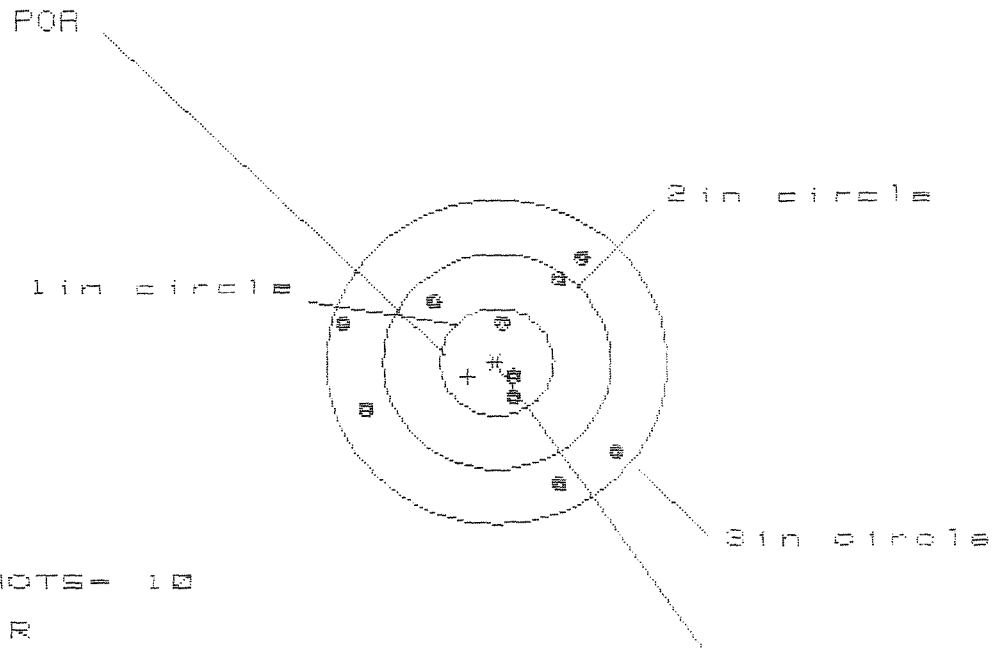
$\frac{4}{3} \pi r^3$ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0846
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0822
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .117958
THE AMR FOR THIS RIFLE IS: .8978

27 Feb 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6348751

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 2.416

VS= 2.105

GS= 2.712

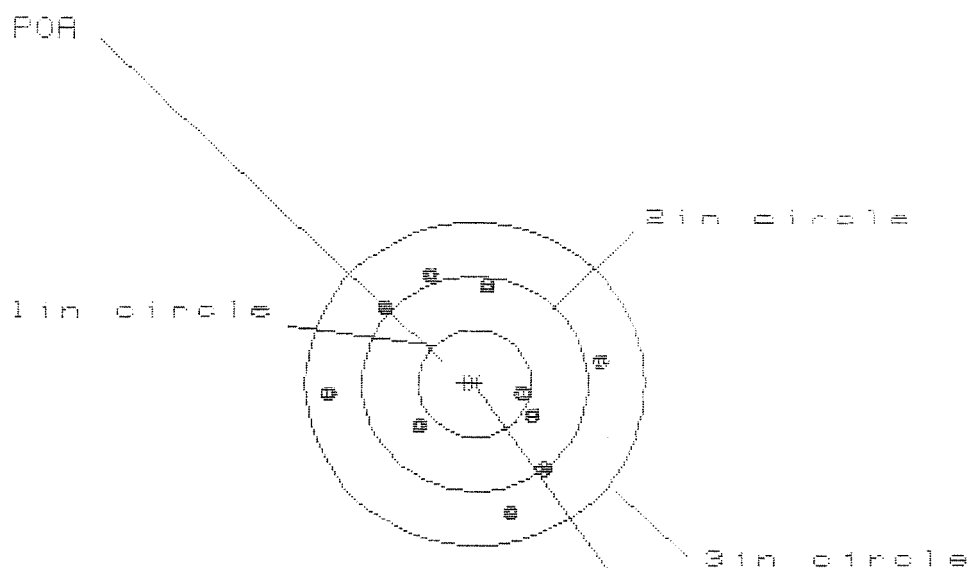
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.016	.860	.657
MINIMUM X	-1.400	-1.275	-1.167
MAXIMUM Y	.924	.966	.864
MINIMUM Y	-1.181	-1.139	-1.241
CENTROID X	.253	.409	.301
CENTROID Y	.133	.091	.193
POA TO CENTROID in.	.286	.419	.358
MIN RADIUS	.165	.046	.173
MEAN RADIUS	.905	.825	.777
MAX RADIUS	1.449	1.346	1.329
HORIZONTAL SPREAD	2.416	2.135	1.824
VERTICAL SPREAD	2.105	2.105	2.105
EXTREME SPREAD	2.712	2.298	2.298
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

27 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08346751

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 2.361

VS= 2.164

GS= 2.372

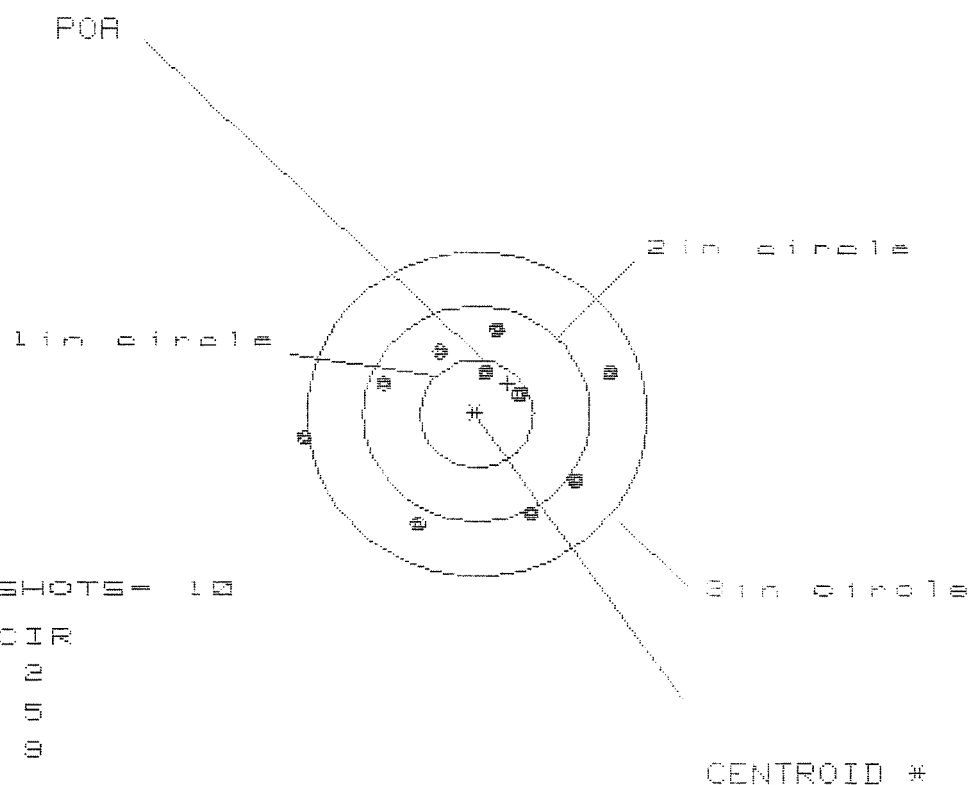
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.102	.962	.986
MINIMUM X	:	-1.259	-.910	-.886
MAXIMUM Y	:	.979	.974	.825
MINIMUM Y	:	-1.185	-1.190	-.967
CENTROID X	:	.092	.232	.207
CENTROID Y	:	-.009	-.004	.145
POA TO CENTROID in.	:	.093	.232	.253
MIN RADIUS	:	.367	.232	.328
MEAN RADIUS	:	.924	.863	.825
MAX RADIUS	:	1.260	1.206	1.095
HORIZONTAL SPREAD	:	2.361	1.872	1.872
VERTICAL SPREAD	:	2.164	2.164	1.792
EXTREME SPREAD	:	2.372	2.297	2.083
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06346751

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 3

HS= 2.694

VS= 1.849

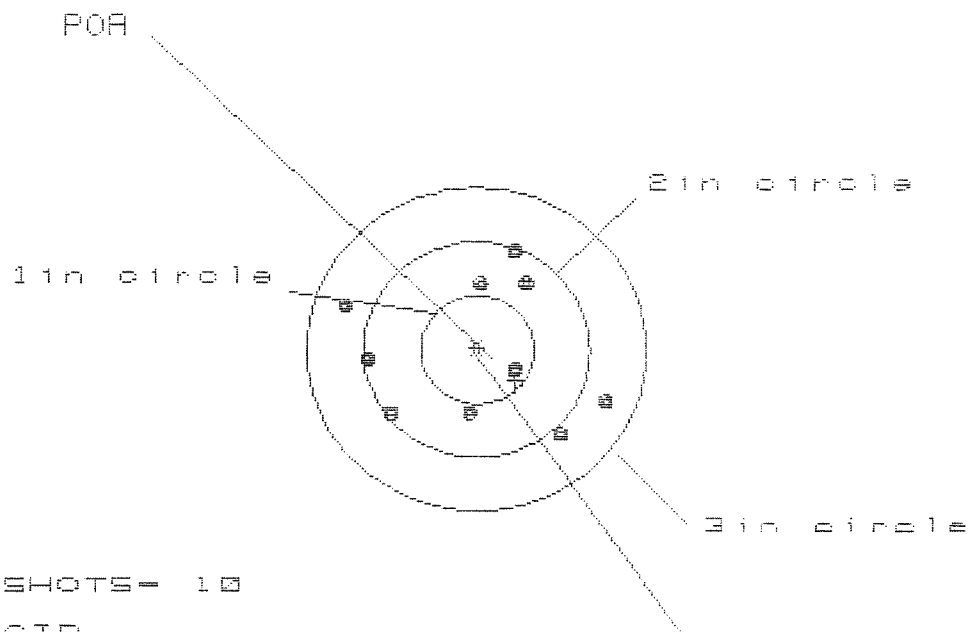
GS= 2.760

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.188	1.020	.856
MINIMUM X	:	-1.506	-1.011	-.883
MAXIMUM Y	:	.808	.786	.834
MINIMUM Y	:	-1.041	-1.063	-1.015
CENTROID X	:	-.276	-.108	-.236
CENTROID Y	:	-.283	-.261	-.389
POA TO CENTROID in.	:	.395	.283	.388
MIN RADIUS	:	.414	.287	.413
MEAN RADIUS	:	.926	.836	.812
MAX RADIUS	:	1.519	1.248	1.144
HORIZONTAL SPREAD	:	2.694	2.031	1.739
VERTICAL SPREAD	:	1.849	1.849	1.849
EXTREME SPREAD	:	2.760	2.210	1.956
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8348751

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.234

VS= 1.773

GS= 2.398

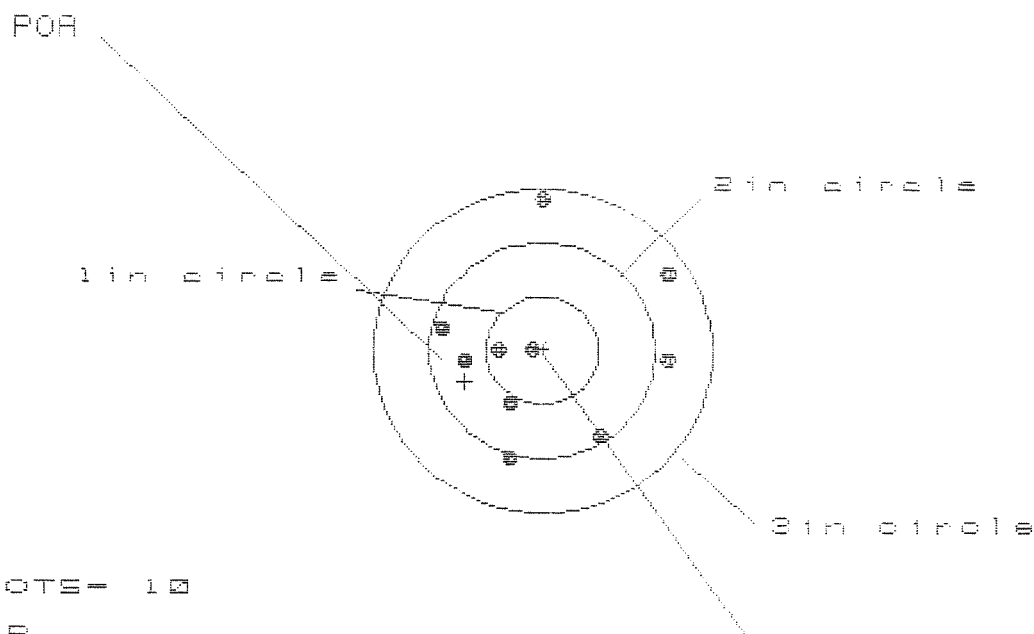
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.097	.970	.722
MINIMUM X	:	-1.137	-1.136	-1.015
MAXIMUM Y	:	.960	1.004	.951
MINIMUM Y	:	-.813	-.769	-.822
CENTROID X	:	-.335	-.208	-.329
CENTROID Y	:	.280	.236	.289
POA TO CENTROID in.	:	.437	.314	.438
MIN RADIUS	:	.354	.220	.352
MEAN RADIUS	:	.885	.831	.806
MAX RADIUS	:	1.207	1.136	1.094
HORIZONTAL SPREAD	:	2.234	2.106	1.737
VERTICAL SPREAD	:	1.773	1.773	1.773
EXTREME SPREAD	:	2.398	2.142	1.889
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Feb 1990

FILE:/PATTERNING/CENTERFIRE_PATT/0634075)

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.992

VS= 2.351

GS= 2.375

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.141	1.141	1.279
MINIMUM X	:	-.851	-.851	-.713
MAXIMUM Y	:	1.408	.913	.501
MINIMUM Y	:	-.943	-.787	-.673
CENTROID X	:	.689	.689	.551
CENTROID Y	:	.290	.134	.020
POA TO CENTROID in.	:	.748	.701	.551
MIN RADIUS	:	.100	.195	.271
MEAN RADIUS	:	.849	.773	.651
MAX RADIUS	:	1.408	1.432	1.286
HORIZONTAL SPREAD	:	1.992	1.992	1.992
VERTICAL SPREAD	:	2.351	1.700	1.174
EXTREME SPREAD	:	2.375	2.225	2.026
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	